Appendix 7E
River Temperature Modeling

Line items and numbers identified or noted as “No Action Alternative” represent the “Existing Conditions/No Project/No Action Condition” (described in Chapter 2 Alternatives Analysis). Table numbering may not be consecutive for all appendixes.

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APPENDIX 7E
River Temperature Modeling

7E.1 Overview and Description

This document provides the summary of modeling performed to simulate water temperatures in the reservoirs and rivers that are part of the State Water Project (SWP) and Central Valley Project (CVP) for the Sites Reservoir Project (Project) Draft Environmental Impact Report/Environmental Impact Statement (DEIR/EIS). It includes a description of the Upper Sacramento River Water Quality Model (USRWQM), Reclamation's Temperature Model, Folsom Reservoir CE-QUAL-W2 Temperature Model and results used in the detailed evaluation of alternatives. Results are used or referenced in:

- Chapter 7 – Surface Water Quality
- Chapter 12 – Aquatic Biological Resources

7E.1.1 Introduction

The analytical framework used to evaluate the alternatives is summarized in Chapter 5 and Appendix 6B. Assumptions used in modeling the alternatives are summarized in Appendix 6A. Reservoir and river temperature modeling is an important part of the analytical framework. It allows studying the impacts of the relative changes in the storage and flows on the water temperatures in the major rivers. The current regulatory framework requires that the SWP and CVP projects are operated such that specific temperature compliance objectives are met to protect habitat for anadromous fish. The results from the USRWQM, Reclamation's Temperature Model, and the Folsom Reservoir CE-QUAL-W2 Temperature Model provide a way to ascertain the temperature impacts of the changes in the operations from each alternative.

These models are used to study the impacts of operational changes on the river and reservoir temperatures in several planning studies. These models, in general, are capable of simulating trends and changes in mean monthly downstream temperatures for long-term operational scenarios taking into consideration the selective withdrawal outlet facilities and capabilities at each reservoir. The 2008 OCAP BA Technical Appendix H (Bureau of Reclamation [Reclamation], 2008) provides a good summary of USRWQM and Reclamation's Temperature model that are used in this appendix.

7E.1.2 Upper Sacramento River Water Quality Model (USRWQM)

USRWQM was developed by the Reclamation to simulate temperature in the Trinity and Sacramento rivers and the CVP reservoirs that operate on these rivers, with a focus in simulating the temperature impacts of changes in water management at Lake Shasta and flows in the upper Sacramento River between Keswick Dam and Knights Landing.

USRWQM was developed using the integrated HEC-5 and HEC5Q model framework developed by the Army Corps of Engineers (ACOE) Hydrologic Engineering Center (HEC). The HEC-5 component is used to simulate daily flow operations in the upper Sacramento River. The HEC-5Q component is used to simulate mean daily reservoir and river temperatures at Shasta Lake, Trinity Lake, Lewiston, Whiskeytown, Keswick, and Black Butte reservoirs and the Trinity River, Clear Creek, the upper Sacramento River from Shasta to Knights Landing, and Stony Creek, based on the flow and meteorological parameters on a 6-hour time step. USRWQM represents the best available planning model for reservoir and river temperatures in the Sacramento River. It is appropriate for performing simulations for the assessment of incremental environmental impacts caused by changes in facilities and operations. Depending on the limitations associated with the derivation of storage and flow operations used for simulating USRWQM, use of the model results may need to be limited. For the Project DEIR/EIS, detailed evaluation of the alternatives is limited to the average monthly temperature results derived from the daily USRWQM results.

7E.1.2.1 Description

The HEC-5Q component of USRWQM simulates changes in water temperature based on the flow and meteorological parameters on a six-hour time step. The HEC-5Q was customized to simulate the operations of the selective withdrawal temperature control device (TCD) at Shasta Dam. HEC-5Q is a cross-section based model and has a higher spatial resolution in comparison to the HEC-5 component of USRWQM. The USRWQM model was successfully calibrated (RMA, 2003) based on the observed temperatures in the reservoirs and the upper Sacramento River.

USRWQM requires input assumptions relating to initial estimates for storage in the reservoirs, time-varying input for all reservoir and tributary inflows, reservoir releases, river diversions, inflow temperatures, meteorological inputs, and tail-water temperature targets. Tail-water temperature targets are used to determine TCD operations (which outlets to select flow from). USRWQM generates daily reservoir and river temperatures. Average monthly temperature results are derived from the daily USRWQM results.

7E.1.2.2 Overview of the Planning Analysis

For planning analyses, the temperature modeling is driven by the long-term operations modeled using CALSIM II and Upper Sacramento River Daily Operations Model (USRDOM). The analytical framework and CALSIM II are described in Appendix 6B. The USRDOM is described in Appendix 6C.

The USRDOM includes control points representing the USRWQM HEC-5 spatial resolution. Daily outputs such as inflows, outflows, diversions, and end-of-the day storage conditions from USRDOM at equivalent control points were used as inputs to USRWQM. This approach ensures that even at Sacramento River flows greater than 15,000 cfs, USRWQM HEC-5 can simulate the daily operations consistent with USRDOM.

Outputs from the full period USRDOM simulation, from October 1, 1921 to September 30, 2003, were used as the inputs to USRWQM. A few inputs were derived directly from the CASLIM II outputs. An automated procedure was developed to prepare the inputs for USRWQM and store in a DSS database, using the outputs from CALSIM II and USRDOM.

In other planning studies, the results from the CALSIM25Q disaggregation routine, developed by RMA as part of the development of the USRWQM, were used to downscale CALSIM II storage and flow operations on a monthly time step for input on a daily time step into USRWQM. For the Project DEIR/EIS, the CALSIM25Q disaggregation routine is replaced with the USRDOM. The USRDOM models storage and flow operations of the Sacramento River on a daily time step (Appendix 6C).

7E.1.2.3 Analysis of Alternatives

USRWQM was used to simulate reservoir and river water temperatures in the upper Sacramento River at a daily time step over an 82-year period (WY 1922-2003), using the hydrological inputs and diversions determined by the CALSIM II and USRDOM models under the projected operations for the alternatives.

USRWQM was modified to maintain accurate mass balance between the models. In both the HEC5 and HEC5Q inputs, several diversions were relocated and aggregated with local inflows and diversions at other control points to be more representative of the alternatives that were evaluated.

The temperature results from the USRWQM simulations were used in the detailed evaluation included in the Project DEIR/EIS. The locations associated with the model results are described below. Maps showing these locations are included in Appendix 6B.

7E.1.2.4 Assumptions

The modeling assumptions used for the alternatives modeled for the Project DEIR/EIS are described in Appendix 6A.

7E.1.2.5 Limitations of Use

It is important to note that, even though USRWQM simulates on a daily time-step, it adheres to the CALSIM II and USRDOM models in terms of the reservoir releases and other flow operations. USRWQM does not alter operational decisions regarding storage or flow to meet a temperature requirement downstream in the river. Using the TCD assumptions built into its calibration, USRWQM determines selective withdrawal of flows from the reservoir based on the specified tail-water temperature target. Temperatures of flows released may not meet the tail-water temperature target or the temperature compliance requirements downstream in the river. The uncertainty regarding compliance is checked as part of the modeling quality assurance (QA). Persistent violations of temperature compliance requirements are due to simulated inoperable storage conditions at Shasta Lake.

The storage and flow operations simulated with the USRWQM model are based on the results of projected CALSIM II and USRDOM simulations of the alternatives. The limitations of use associated with these other models should be considered in limiting the use of the USRWQM results. Appendix 6B provides a discussion of guidelines for the appropriate use of modeling results.

USRWQM has been calibrated and validated. USRWQM provides a reasonable estimate of the changes and trend in temperature conditions due to changes in water operations in the Sacramento River. As long as these limitations are recognized, and the use of model results are consistent with the guidelines in Appendix 6B, the findings of the Project DEIR/EIS detailed evaluation, based on USRWQM results, are reliable.

7E.1.3 Reclamation Temperature Model

Reclamation’s Temperature Model is a reservoir and stream temperature model, which simulates monthly reservoir and stream temperatures used for evaluating the effects of CVP and SWP project operations on mean monthly reservoir and river water temperatures. The model simulates temperatures in five river systems: Trinity River, Sacramento River, Feather River, American River, and Stanislaus River. The model includes seven major reservoirs: Trinity Lake, Shasta Lake, Whiskeytown Reservoir, Lake Oroville, Folsom Lake, New Melones Reservoir, and Lake Tulloch. For planning analyses, the Reclamation Temperature Model represents the best available planning model for reservoir and river temperatures in the Trinity River, Sacramento River (downstream of Knights Landing), Feather River, and Stanislaus River. The USRWQM is the preferred model for the upper Sacramento River upstream of Knights Landing. It is appropriate for performing simulations for the assessment of incremental environmental impacts caused by changes in facilities and operations. For the Project DEIR/EIS, detailed evaluation of the alternatives was limited to the monthly temperature results.

7E.1.3.1 Description

The river component of the Reclamation Temperature model calculates temperature changes in the regulating reservoirs downstream of the main reservoirs. With regulating reservoir release temperature as the initial river temperature, the river model computes temperatures at several locations along the rivers. The calculation points for river temperatures generally coincide with tributary inflow locations. The model is one-dimensional in the longitudinal direction and assumes fully mixed river cross-sections. The effect of tributary inflow on river temperature is computed by mass balance calculation. The river temperature calculations are based on regulating reservoir release temperatures, river flows, and climatic data. The model estimates monthly reservoir and river temperatures.

7E.1.3.2 Overview of the Planning Analysis

The temperature modeling for the planning analysis is driven by the long-term operations modeled using CALSIM II. The CALSIM II model is described in Appendix 6B. Because of the CALSIM II model’s complex structure, where applicable, flow arcs were combined at the appropriate temperature nodes to ensure mass balance and compatibility with the temperature models.

All inputs for the Reclamation Temperature Model are monthly time-step, including boundary condition flows, storage and flow operations inputs, air temperature, and other long-term climatic data.

7E.1.3.3 Analysis of Alternative

The Reclamation Temperature Model was used to simulate reservoir and river water temperatures in the in the Trinity, Feather, American, and Stanislaus rivers at a monthly time-step over an 82-year period (WY 1922-2003), using the hydrological inputs and diversions determined by the CALSIM II model under the projected operations for the alternatives.

In applying the Reclamation Temperature Model to the alternatives, when necessary, the tail-water temperature targets were modified to provide the best representation of the operations for each alternative.

The temperature results from the Reclamation Temperature Model simulations were used in the detailed evaluation of alternatives in the Project DEIR/EIS. The locations associated with the model results are described below. Maps showing these locations are included in Appendix 6B.

7E.1.3.4 Assumptions

The modeling assumptions used for the alternatives modeled for the Project DEIR/EIS are described in Appendix 6A.

7E.1.3.5 Limitations of Use

The Reclamation Temperature Model operates on a monthly time-step. The Reclamation Temperature Model performs selective temperature withdrawals based on inputs of tail-water temperature targets. Use of these tail-water temperature targets can be used to approximate withdrawal operations to meet water temperature compliance requirements in general. The model does not have sufficient spatial and temporal resolution, representation of thermodynamic processes, or calibration capabilities to be reliable as a predictive tool to evaluate temperature compliance requirements. The model results of monthly temperatures are useful for evaluating trends between alternatives.

The storage and flow operations simulated with the Reclamation Temperature Model were based on the results of projected CALSIM II simulations of the alternatives. The limitations of use associated with CALSIM II should be considered in limiting the use of the Reclamation Temperature Model results. Appendix 6B provides a discussion of guidelines for the appropriate use of modeling results.

Despite these limitations, Reclamation Temperature Model was applied extensively and provides a reasonable estimate of the changes and trend in temperature conditions between alternatives. As long as these limitations are recognized and the detailed evaluation of model results stays within the scope of appropriate use, as described in this section and in Appendix 6B, the findings of the detailed evaluation, based on Reclamation Temperature Model results, are reliable for use in detailed evaluation of the alternatives.

For the modeling of temperatures downstream of the Delevan Pipeline Intake/Discharge Facility into the Sacramento River, it was assumed, for use of the USRWQM and Reclamation Temperature Model simulations of alternatives, that the temperature of the discharge from the Sites Reservoir matched the temperature of the receiving flow in the Sacramento River. This is not always the case. An additional evaluation was prepared to evaluate the potential impact of Sites Reservoir releases on Sacramento River temperature conditions downstream of the Delevan Pipeline Intake/Discharge Facility. Modeling of the temperature potential of discharges from the Sites Reservoir is presented in Appendix 7F. The results of the evaluation of potential impact of discharges on the temperature of the Sacramento River at points downstream of the Delevan Pipeline Intake/Discharge Facility should be considered in the detailed evaluation of alternatives for the Project DEIR/EIS.

The Reclamation Temperature Model provides a reasonable estimate of the changes and trend in temperature conditions due to changes in water operations in the Trinity River, Sacramento River, Feather River, American River, and Stanislaus River. As long as these limitations are recognized, and the use of model results are consistent with the guidelines in Appendix 6B, the findings of the Project DEIR/EIS detailed evaluation, based on Reclamation Temperature Model results, are reliable.

7E.1.4 Folsom Reservoir CE-QUAL-W2 Temperature Model

The Folsom Reservoir CE-QUAL-W2 water temperature modeling tool (PCWA 2015) was developed for Placer County Water Agency’s (PCWA) American River Water Rights Extension (ARWRE) Project. The model was developed to test the ability of alternative hydrology and reservoir operations scenarios to meet regulatory water temperature requirements (or targets if the requirement cannot be met) in the lower American River at Watt Avenue. The water temperature targets are based on the Automated Temperature Selection Procedure (ATSP) schedules developed as part of the Water Forum Flow Management Standard (FMS) (Water Forum 2004; Water Forum 2006). The primary water temperature management objective for the lower American River is to meet the best possible temperature schedule each year for Central Valley steelhead (summer rearing) and fall-run Chinook salmon spawning (fall months) given Folsom Reservoir inflows, available reservoir volume, and Folsom Reservoir outflows. The model simulates temperatures in Folsom Lake and temperatures on the American River downstream of Folsom to the confluence with the Sacramento River. The model has the capability of simulating the City of Folsom

Temperature Control Device and the Folsom Dam Shutters For planning analyses, the CE-QUAL-W2 temperature model represents the best available planning model for the American River.

7E.1.4.1 Description

The modeling tool uses CE-QUAL-W2 (Cole and Wells, 2013), which is a public-domain 2-D hydrodynamic and temperature model that is maintained by the Portland State University Water Quality Research Group. A customized version of CE-QUAL-W2 was required due to the complexity of reservoir operations. New model code was added to enhance and automate modeling of the City of Folsom Temperature Control Device (Folsom TCD) and the Folsom Dam Shutters (including low-level outlets) and provide ATSP temperature schedule selection capability.

Using extensive flow, water temperature, and MET empirical data from 2001 to 2011, a fully calibrated CE-QUAL-W2 model of Folsom Reservoir was developed that performed well when compared to historical in-reservoir temperature profile and downstream release temperature time series data. The calibrated model includes a series of tools developed to allow complete automation of the Folsom TCD and the Folsom Dam Shutters. These tools allow the model to be used for simulating much longer periods of record than the calibration period (e.g., 1922-2003 typical CalSim II modeling period) and allow the model to be used to compare different flow scenarios (e.g., historical or future).

7E.1.4.2 Overview of the Planning Analysis

The temperature modeling for the planning analysis is driven by the long-term operations modeled using CALSIM II. The CALSIM II model is described in Appendix 6B. Because of the CALSIM II model’s complex structure, where applicable, flow arcs were combined at the appropriate temperature nodes to ensure mass balance and compatibility with the temperature models.

7E.1.4.3 Analysis of Alternative

The Folsom Reservoir CE-QUAL-W2 Temperature Model was used to simulate reservoir and river water temperatures in the American River at a daily time-step over the 82-year CALSIM II period of record (WY 1922-2003), using the hydrologic inputs and diversions determined by the CALSIM II model under the projected operations for the alternatives. The monthly hydrologic inputs from CALSIM II were downscaled to daily inputs using a pre-processing tool. However, the results of the model are reported as monthly average water temperatures because of the monthly CALSIM II inputs. The temperature results from the Folsom Reservoir CE-QUAL-W2 Temperature Model simulations were used in the detailed evaluation of alternatives in the Project DEIR/EIS for the American River.

7E.1.4.4 Assumptions

The modeling assumptions used for the alternatives modeled for the Project DEIR/EIS are described in Appendix 6A.

7E.1.4.5 Limitations of Use

Water temperature calibration comparisons were based on measured and modeled Folsom Reservoir water temperature profiles and lower American River water temperatures throughout the calibration period (2001-2011). Model uncertainty in the prediction of water temperatures primarily resulted from the wind data, leakage flow through the powerhouse shutters, and the estimation of the light extinction coefficient. These uncertainties are identified and described in Appendix 6E Folsom Reservoir CE-QUAL-W2 Temperature Model. Despite the uncertainties, the model performed well when compared to historical in-reservoir temperature profile and downstream release temperature time series data, with absolute mean errors of less than 1.08°F (0.6°C) for both metrics (PCWA, 2015).

The Folsom Reservoir CE-QUAL-W2 Temperature Model provides a reasonable estimate of the changes and trend in temperature conditions due to changes in water operations in the American River. As long as these limitations are recognized, and the use of model results are consistent with the guidelines in Appendix 6B, the findings of the Project DEIR/EIS detailed evaluation, based on Folsom Reservoir CE-QUAL-W2 Temperature Model results, are reliable.

7E.1.5 References

Bureau of Reclamation, 2008. 2008 OCAP BA Technical Appendix H Reclamation Temperature Model and SRWQM Temperature Model.

Placer County Water Agency (PCWA) American River Water Rights Extension Project (ARWRE). 2015. Folsom Reservoir CE-QUAL-W2 Temperature Model Report. November.

Resource Management Associates, Inc. (RMA), 2003. Draft Upper Sacramento River Water Quality Modeling with HEC-5Q: Model Calibration and Validation. December 2003.

7E.2 Results

This section includes the detailed results from the USRWQM, Reclamation's Temperature Model, and the Folsom Reservoir CE-QUAL-W2 Temperature Model used in the detailed evaluation of the alternatives for the Project DEIR/EIS.

7E.2.1 Introduction

Results from the USRWQM, Reclamation's Temperature Model, and the Folsom Reservoir CE-QUAL-W2 Temperature Model included in this appendix are used or referenced in:

- Chapter 7 – Surface Water Quality
- Chapter 12 – Aquatic Biological Resources (and associated appendices)

For each parameter and location shown in Table 7E-1, the following reports are provided:

- Summary Tables and Bar Charts
- Exceedance Probability Charts and Tables

In the Summary Tables and Bar Charts reports, for each parameter and location shown below, summary tables and bar charts of temperature results by month are included. The tables and bar charts include long-term average and averages by water year type (SWRCB 40-30-30 Index). The tables also include the absolute and relative differences between alternatives.

In the Exceedance Probability Charts and Tables reports, for each parameter and location shown below, probability of exceedance plots and tables of temperature results by month are included. The tables also include the absolute differences between alternatives (across the probability ranking of monthly values).

Guidance on the appropriate use of these results is presented in Appendix 6B.

7E.2.2 Locations and Parameters

The locations and the parameters for the results included in this appendix are tabulated in Table 7E-1. Maps showing these locations are included in Appendix 6B.

For the modeling of temperatures downstream of the Delevan Pipeline Intake/Discharge Facility into the Sacramento River, it was assumed, for use of the USRWQM and Reclamation Temperature Model simulations of alternatives, that the temperature of the discharge from the Sites Reservoir matched the temperature of the receiving flow in the Sacramento River. This is not always the case. An additional evaluation was prepared to evaluate the potential impact of Sites Reservoir releases on Sacramento River temperature conditions downstream of the Delevan Pipeline Intake/Discharge Facility. Modeling of the temperature potential of discharges from the Sites Reservoir is presented in Appendix 7F. The results of the evaluation of potential impact of discharges on the temperature of the Sacramento River at points downstream of the Delevan Pipeline Intake/Discharge Facility should be considered in the detailed evaluation of alternatives for the Project DEIR/EIS.

Table 7E-1
USRWQM, Reclamation, and Folsom Reservoir CE-QUAL-W2 Temperature Model Results Locations and Parameters

	Report ID	Report Title	Time Step	Parameter
Trinity River				
1	SQ-33	Trinity River downstream of Lewiston Dam	Monthly	Temperature
2	SQ-34	Trinity River at Douglas City	Monthly	Temperature
3	SQ-35	Trinity River at North Fork	Monthly	Temperature
Sacramento River				
4	SQ-36	Clear Creek downstream of Whiskeytown	Monthly	Temperature
5	SQ-37	Clear Creek at Igo	Monthly	Temperature
6	SQ-38	Clear Creek at mouth	Monthly	Temperature
7	SQ-02	Sacramento River downstream of Keswick	Monthly	Temperature
8	SQ-03	Sacramento River at Balls Ferry	Monthly	Temperature
9	SQ-04	Sacramento River at Jellys Ferry	Monthly	Temperature
10	SQ-05	Sacramento River at Bend Bridge	Monthly	Temperature
11	SQ-06	Sacramento River at Red Bluff	Monthly	Temperature
12	SQ-07	Sacramento River downstream of Red Bluff	Monthly	Temperature
13	SQ-08	Sacramento River downstream of Hamilton City	Monthly	Temperature
14	SQ-09	Sacramento River at Delevan	Monthly	Temperature
15	SQ-10	Sacramento River downstream of Delevan	Monthly	Temperature
16	SQ-11	Sacramento River at Knights Landing	Monthly	Temperature
17	SQ-12	Sacramento River at American River	Monthly	Temperature
18	SQ-13	Sacramento River at Feather River	Monthly	Temperature
19	SQ-14	Sacramento River at Freeport	Monthly	Temperature
Feather River				
20	SQ-15	Feather River downstream of Fish Barrier Dam	Monthly	Temperature
21	SQ-16	Feather River downstream of Thermalito Afterbay	Monthly	Temperature
22	SQ-17	Feather River at Mouth	Monthly	Temperature
American River				
23	SQ-18	American River downstream of Nimbus Dam	Monthly	Temperature
24	SQ-19	American River at Watt Avenue	Monthly	Temperature
25	SQ-20	American River at the Mouth	Monthly	Temperature

7E.2.3 Comparisons

The following two report formats are included in this appendix (as described above):

- Summary Tables and Bar Charts
- Exceedance Probability Charts and Tables

Each report format for the USRWQM and Reclamation modeling results is provided for the following comparisons:

- Alternative A compared to No Action Alternative
- Alternative B compared to No Action Alternative
- Alternative C compared to No Action Alternative
- Alternative D compared to No Action Alternative

Following these results, each report format for the Folsom Reservoir CE-QUAL-W2 modeling results is provided for the following comparisons:

- Alternative A compared to No Action Alternative
- Alternative B compared to No Action Alternative
- Alternative C compared to No Action Alternative
- Alternative D compared to No Action Alternative

Appendix 7E
River Temperature Modeling
Results

Line items and numbers identified or noted as “No Action Alternative” represent the “Existing Conditions/No Project/No Action Condition” (described in Chapter 2 Alternatives Analysis). Table numbering may not be consecutive for all appendixes.

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Alternative A Compared to No Action Alternative

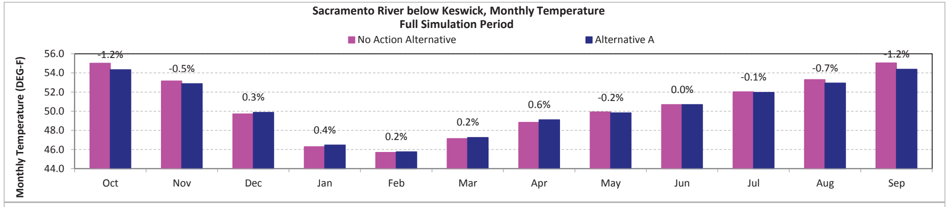
Table SQ-02-3a
Sacramento River below Keswick, Monthly Temperature
Long-term Average and Average by Water Year Type

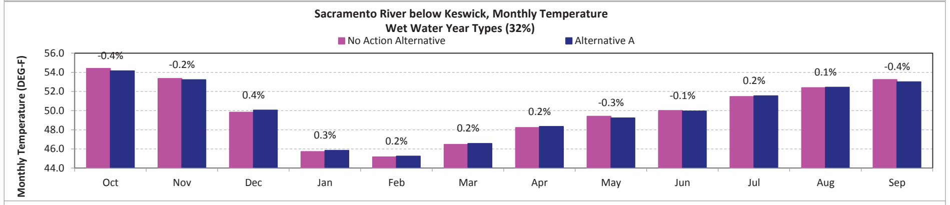
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	55.0	53.2	49.7	46.3	45.7	47.1	48.8	49.9	50.7	52.0	53.3	55.0
Alternative A	54.3	52.9	49.9	46.5	45.8	47.3	49.1	49.8	50.7	52.0	52.9	54.4
Difference	-0.7	-0.3	0.2	0.2	0.1	0.1	0.3	-0.1	0.0	-0.1	-0.4	-0.7
Percent Difference[3]	-1.2%	-0.5%	0.3%	0.4%	0.2%	0.2%	0.6%	-0.2%	0.0%	-0.1%	-0.7%	-1.2%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	54.4	53.3	49.8	45.7	45.2	46.5	48.2	49.4	50.0	51.5	52.4	53.2
Alternative A	54.2	53.2	50.0	45.8	45.2	46.6	48.3	49.2	50.0	51.5	52.4	53.0
Difference	-0.2	-0.1	0.2	0.1	0.1	0.1	0.1	-0.2	0.0	0.1	0.1	-0.2
Percent Difference	-0.4%	-0.2%	0.4%	0.3%	0.2%	0.2%	0.2%	-0.3%	-0.1%	0.2%	0.1%	-0.4%
Above Normal (15%)												
No Action Alternative	53.5	52.7	50.0	46.2	45.6	47.2	48.9	49.8	49.8	51.1	52.7	53.7
Alternative A	52.9	52.4	50.3	46.3	45.6	47.3	49.1	49.7	49.9	51.2	52.7	53.4
Difference	-0.6	-0.3	0.2	0.2	0.0	0.1	0.2	-0.1	0.2	0.1	0.0	-0.3
Percent Difference	-1.1%	-0.5%	0.5%	0.3%	0.1%	0.2%	0.4%	-0.3%	0.3%	0.3%	-0.1%	-0.5%
Below Normal (17%)												
No Action Alternative	53.1	52.4	49.9	46.6	45.6	47.0	49.0	49.8	50.3	51.4	52.1	53.8
Alternative A	52.5	52.0	50.0	46.7	45.6	47.0	49.2	49.8	50.4	51.4	52.1	53.3
Difference	-0.6	-0.3	0.0	0.1	0.0	0.0	0.2	0.0	0.1	0.0	-0.1	-0.5
Percent Difference	-1.1%	-0.7%	0.1%	0.2%	0.0%	0.0%	0.5%	0.0%	0.1%	0.0%	-0.1%	-1.0%
Dry (22%)												
No Action Alternative	55.3	53.5	49.8	46.8	46.0	47.6	49.0	49.8	50.9	51.7	53.2	55.5
Alternative A	54.3	53.0	49.8	47.0	46.1	47.8	49.6	49.8	50.9	51.6	52.6	54.6
Difference	-1.1	-0.5	0.0	0.2	0.1	0.2	0.5	0.1	0.0	0.0	-0.5	-0.9
Percent Difference	-2.0%	-1.0%	0.0%	0.4%	0.1%	0.4%	1.1%	0.1%	-0.1%	-0.1%	-1.0%	-1.6%
Critical (15%)												
No Action Alternative	59.6	53.6	48.8	46.6	46.4	48.1	49.7	51.5	53.2	55.5	57.4	61.1
Alternative A	58.4	53.3	49.1	46.9	46.6	48.2	50.0	51.3	53.0	54.8	55.7	59.3
Difference	-1.2	-0.2	0.3	0.3	0.2	0.2	0.3	-0.2	-0.1	-0.7	-1.7	-1.8
Percent Difference	-2.0%	-0.4%	0.6%	0.6%	0.4%	0.3%	0.7%	-0.4%	-0.3%	-1.2%	-3.0%	-3.0%

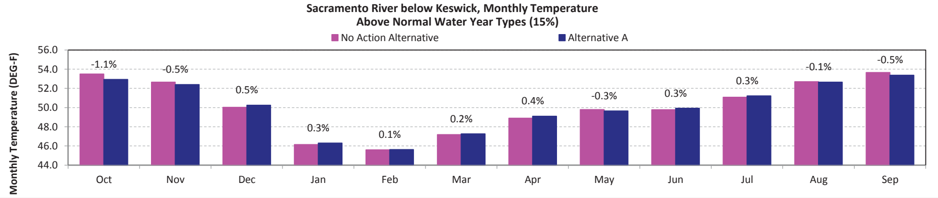
1 Based on the 82-year simulation period

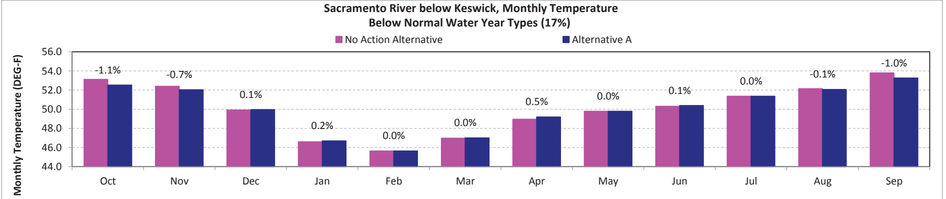
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

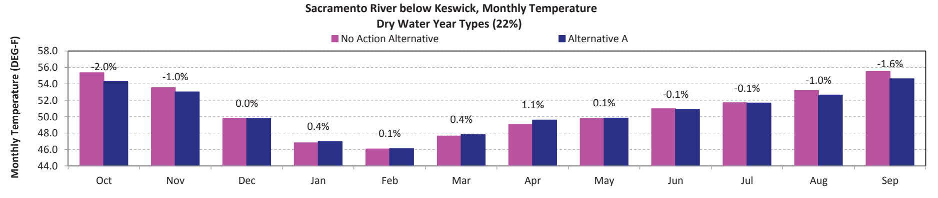
3 Relative difference of the monthly average


Sacramento River below Keswick, Monthly Temperature
Full Simulation Period


Sacramento River below Keswick, Monthly Temperature
Wet Water Year Types (32%)


Sacramento River below Keswick, Monthly Temperature
Above Normal Water Year Types (15%)


Sacramento River below Keswick, Monthly Temperature
Below Normal Water Year Types (17%)


Sacramento River below Keswick, Monthly Temperature
Dry Water Year Types (22%)

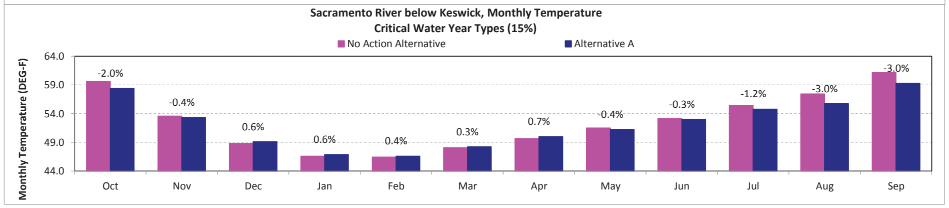

Sacramento River below Keswick, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-02-3b
Sacramento River below Keswick, Monthly Temperature
Probability of Exceedance

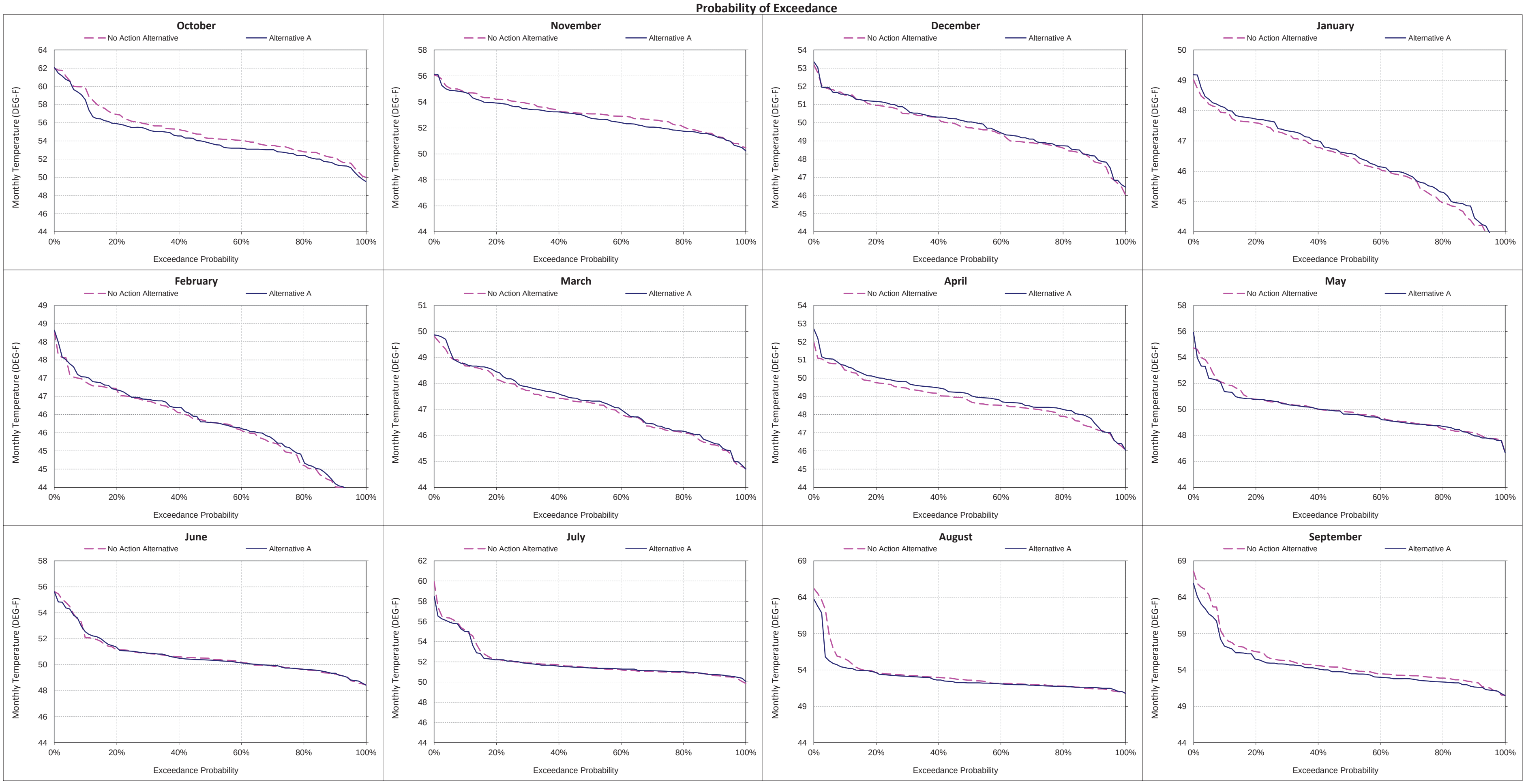


Table SQ-02-3b

Sacramento River below Keswick, Monthly Temperature

Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	62.0	62.1	0.1	0.1%
1.2%	61.8	61.5	-0.3	-0.5%
2.5%	61.8	61.1	-0.6	-1.0%
3.7%	61.1	60.8	-0.4	-0.6%
4.9%	60.6	60.6	-0.1	-0.1%
6.2%	60.0	59.6	-0.4	-0.6%
7.4%	60.0	59.4	-0.6	-0.9%
8.6%	60.0	59.1	-0.9	-1.5%
9.9%	59.9	58.5	-1.3	-2.2%
11.1%	58.9	57.4	-1.5	-2.5%
12.3%	58.5	56.7	-1.8	-3.1%
13.6%	58.0	56.5	-1.6	-2.7%
14.8%	57.7	56.4	-1.3	-2.3%
16.0%	57.6	56.2	-1.4	-2.4%
17.3%	57.3	56.2	-1.1	-2.0%
18.5%	57.0	56.0	-1.1	-1.9%
19.8%	56.9	55.9	-1.0	-1.8%
21.0%	56.9	55.8	-1.0	-1.8%
22.2%	56.5	55.7	-0.8	-1.3%
23.5%	56.3	55.6	-0.7	-1.3%
24.7%	56.2	55.5	-0.7	-1.2%
25.9%	56.1	55.5	-0.6	-1.1%
27.2%	56.1	55.5	-0.6	-1.0%
28.4%	55.9	55.5	-0.5	-0.8%
29.6%	55.9	55.3	-0.6	-1.0%
30.9%	55.8	55.1	-0.6	-1.2%
32.1%	55.6	55.0	-0.6	-1.1%
33.3%	55.6	55.0	-0.6	-1.1%
34.6%	55.6	55.0	-0.6	-1.1%
35.8%	55.4	55.0	-0.4	-0.7%
37.0%	55.3	54.9	-0.4	-0.8%
38.3%	55.3	54.6	-0.7	-1.2%
39.5%	55.3	54.5	-0.7	-1.3%
40.7%	55.2	54.5	-0.7	-1.2%
42.0%	55.1	54.3	-0.8	-1.4%
43.2%	55.0	54.3	-0.7	-1.2%
44.4%	54.9	54.3	-0.6	-1.0%
45.7%	54.7	54.0	-0.7	-1.3%
46.9%	54.7	54.0	-0.7	-1.4%
48.1%	54.4	53.9	-0.5	-0.8%
49.4%	54.3	53.8	-0.5	-0.9%
50.6%	54.3	53.7	-0.6	-1.1%
51.9%	54.2	53.6	-0.6	-1.2%
53.1%	54.2	53.5	-0.7	-1.2%
54.3%	54.2	53.3	-0.9	-1.6%
55.6%	54.2	53.2	-0.9	-1.8%
56.8%	54.2	53.2	-0.9	-1.7%
58.0%	54.1	53.2	-0.9	-1.6%
59.3%	54.1	53.2	-0.9	-1.6%
60.5%	54.0	53.2	-0.9	-1.6%
61.7%	54.0	53.1	-0.9	-1.6%
63.0%	53.9	53.1	-0.8	-1.4%
64.2%	53.9	53.1	-0.8	-1.5%
65.4%	53.7	53.1	-0.6	-1.1%
66.7%	53.6	53.1	-0.5	-1.0%
67.9%	53.5	53.0	-0.5	-0.9%
69.1%	53.5	53.0	-0.5	-0.9%
70.4%	53.5	53.0	-0.5	-0.9%
71.6%	53.4	52.8	-0.6	-1.1%
72.8%	53.4	52.8	-0.6	-1.1%
74.1%	53.4	52.7	-0.6	-1.2%
75.3%	53.2	52.6	-0.6	-1.1%
76.5%	53.1	52.6	-0.4	-0.8%
77.8%	52.9	52.4	-0.5	-1.0%
79.0%	52.9	52.4	-0.5	-0.9%
80.2%	52.8	52.4	-0.4	-0.7%
81.5%	52.8	52.2	-0.6	-1.1%
82.7%	52.7	52.1	-0.7	-1.3%
84.0%	52.7	52.0	-0.7	-1.4%
85.2%	52.5	52.0	-0.5	-1.0%
86.4%	52.4	51.7	-0.7	-1.3%
87.7%	52.3	51.7	-0.6	-1.1%
88.9%	52.2	51.6	-0.6	-1.1%
90.1%	52.2	51.4	-0.8	-1.5%
91.4%	51.8	51.3	-0.6	-1.1%
92.6%	51.6	51.3	-0.4	-0.7%
93.8%	51.6	51.2	-0.4	-0.8%
95.1%	51.5	51.0	-0.5	-1.0%
96.3%	51.0	50.6	-0.5	-0.9%
97.5%	50.6	50.1	-0.5	-0.9%
98.8%	50.1	49.8	-0.3	-0.7%
100.0%	50.0	49.5	0.0	-0.9%

November				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.1	56.1	0.1	0.1%
1.2%	56.0	56.1	0.1	0.2%
2.5%	55.7	55.3	-0.5	-0.8%
3.7%	55.3	55.0	-0.3	-0.5%
4.9%	55.1	54.9	-0.2	-0.3%
6.2%	55.0	54.9	-0.1	-0.2%
7.4%	55.0	54.8	-0.2	-0.3%
8.6%	54.9	54.8	-0.1	-0.2%
9.9%	54.7	54.7	0.0	0.0%
11.1%	54.7	54.6	-0.1	-0.1%
12.3%	54.7	54.3	-0.4	-0.7%
13.6%	54.7	54.2	-0.5	-0.8%
14.8%	54.4	54.1	-0.3	-0.6%
16.0%	54.3	54.0	-0.4	-0.7%
17.3%	54.3	54.0	-0.4	-0.7%
18.5%	54.3	54.0	-0.4	-0.7%
19.8%	54.2	53.9	-0.3	-0.5%
21.0%	54.2	53.9	-0.3	-0.6%
22.2%	54.2	53.8	-0.3	-0.6%
23.5%	54.2	53.8	-0.4	-0.7%
24.7%	54.1	53.7	-0.4	-0.7%
25.9%	54.0	53.6	-0.4	-0.8%
27.2%	54.0	53.6	-0.3	-0.6%
28.4%	54.0	53.5	-0.5	-0.9%
29.6%	53.9	53.5	-0.4	-0.8%
30.9%	53.8	53.4	-0.4	-0.8%
32.1%	53.8	53.4	-0.4	-0.7%
33.3%	53.6	53.4	-0.2	-0.4%
34.6%	53.6	53.4	-0.3	-0.5%
35.8%	53.6	53.3	-0.3	-0.6%
37.0%	53.5	53.3	-0.2	-0.4%
38.3%	53.4	53.2	-0.2	-0.4%
39.5%	53.4	53.2	-0.1	-0.3%
40.7%	53.2	53.2	0.0	0.0%
42.0%	53.2	53.2	-0.1	-0.1%
43.2%	53.2	53.1	0.0	-0.1%
44.4%	53.2	53.1	-0.1	-0.1%
45.7%	53.1	53.1	-0.1	-0.2%
46.9%	53.1	53.0	-0.1	-0.2%
48.1%	53.1	52.9	-0.2	-0.3%
49.4%	53.1	52.8	-0.3	-0.5%
50.6%	53.1	52.7	-0.4	-0.7%
51.9%	53.1	52.7	-0.4	-0.7%
53.1%	53.1	52.7	-0.4	-0.8%
54.3%	53.0	52.7	-0.4	-0.7%
55.6%	53.0	52.6	-0.4	-0.7%
56.8%	52.9	52.5	-0.4	-0.7%
58.0%	52.9	52.5	-0.4	-0.8%
59.3%	52.9	52.4	-0.5	-0.9%
60.5%	52.9	52.4	-0.5	-1.0%
61.7%	52.9	52.3	-0.6	-1.1%
63.0%	52.8	52.3	-0.5	-1.0%
64.2%	52.7	52.3	-0.4	-0.8%
65.4%	52.7	52.2	-0.5	-0.9%
66.7%	52.7	52.2	-0.5	-1.0%
67.9%	52.7	52.1	-0.6	-1.1%
69.1%	52.7	52.1	-0.6	-1.1%
70.4%	52.6	52.1	-0.6	-1.1%
71.6%	52.6	52.0	-0.6	-1.1%
72.8%	52.5	52.0	-0.5	-1.0%
74.1%	52.5	51.9	-0.6	-1.1%
75.3%	52.5	51.9	-0.6	-1.1%
76.5%	52.3	51.8	-0.5	-0.9%
77.8%	52.2	51.8	-0.4	-0.7%
79.0%	52.2	51.8	-0.4	-0.8%
80.2%	52.1	51.7	-0.3	-0.6%
81.5%	51.9	51.7	-0.2	-0.4%
82.7%	51.9	51.7	-0.2	-0.3%
84.0%	51.8	51.7	-0.1	-0.3%
85.2%	51.7	51.6	-0.1	-0.2%
86.4%	51.7	51.6	-0.1	-0.3%
87.7%	51.6	51.6	0.0	-0.1%
88.9%	51.6	51.5	-0.1	-0.2%
90.1%	51.4	51.4	0.0	-0.1%
91.4%	51.3	51.2	-0.1	-0.1%
92.6%	51.3	51.2	0.0	-0.1%
93.8%	51.0	51.0	0.0	0.0%
95.1%	50.9	51.0	0.0	0.1%
96.3%	50.8	50.7	-0.1	-0.3%
97.5%	50.8	50.6	-0.2	-0.4%
98.8%	50.6	50.5	-0.1	-0.2%
100.0%	50.5	50.2	-0.3	-0.5%

December				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.2	53.3	0.2	0.3%
1.2%	52.8	53.0	0.3	0.5%
2.5%	52.1	52.0	-0.1	-0.2%
3.7%	51.9	51.9	0.0	0.0%
4.9%	51.9	51.9	0.1	0.1%
6.2%	51.8	51.7	-0.1	-0.3%
7.4%	51.7	51.7	0.0	-0.1%
8.6%	51.7	51.6	-0.1	-0.2%
9.9%	51.5	51.6	0.0	0.1%
11.1%	51.5	51.5	0.0	0.0%
12.3%	51.5	51.4	-0.1	-0.2%
13.6%	51.3	51.3	0.0	0.0%
14.8%	51.2	51.3	0.0	0.1%
16.0%	51.2	51.2	0.0	0.0%
17.3%	51.1	51.2	0.1	0.3%
18.5%	51.0	51.2	0.2	0.4%
19.8%	51.0	51.2	0.2	0.5%
21.0%	50.9	51.2	0.2	0.4%
22.2%	50.9	51.1	0.2	0.4%
23.5%	50.9	51.1	0.2	0.4%
24.7%	50.9	51.0	0.2	0.3%
25.9%	50.8	51.0	0.2	0.4%
27.2%	50.7	50.9	0.2	0.3%
28.4%	50.5	50.9	0.4	0.7%
29.6%	50.5	50.7	0.2	0.5%
30.9%	50.5	50.6	0.1	0.1%
32.1%	50.5	50.5	0.1	0.1%
33.3%	50.4	50.5	0.1	0.2%
34.6%	50.4	50.5	0.1	0.1%
35.8%	50.4	50.4	0.1	0.1%
37.0%	50.3	50.4	0.0	0.1%
38.3%	50.3	50.3	0.0	0.0%
39.5%	50.3	50.3	0.0	0.0%
40.7%	50.1	50.3	0.2	0.5%
42.0%	50.0	50.3	0.3	0.6%
43.2%	50.0	50.2	0.2	0.5%
44.4%	50.0	50.2	0.2	0.5%
45.7%	49.9	50.2	0.3	0.6%
46.9%	49.8	50.1	0.3	0.7%
48.1%	49.8	50.1	0.3	0.6%
49.4%	49.7	50.0	0.3	0.6%
50.6%	49.7	50.0	0.3	0.6%
51.9%	49.7	50.0	0.3	0.7%
53.1%	49.7	50.0	0.3	0.6%
54.3%	49.6	49.9	0.3	0.7%
55.6%	49.6	49.7	0.1	0.2%
56.8%	49.6	49.7	0.1	0.3%
58.0%	49.5	49.6	0.1	0.2%
59.3%	49.4	49.5	0.1	0.2%
60.5%	49.4	49.4	0.1	0.1%
61.7%	49.2	49.3	0.2	0.3%
63.0%	49.0	49.3	0.3	0.6%
64.2%	49.0	49.3	0.3	0.6%
65.4%	49.0	49.3	0.3	0.6%
66.7%	48.9	49.2	0.2	0.5%
67.9%	48.9	49.2	0.2	0.5%
69.1%	48.9	49.1	0.2	0.4%
70.4%	48.9	49.1	0.2	0.4%
71.6%	48.8	48.9	0.1	0.2%
72.8%	48.8	48.9	0.1	0.1%
74.1%	48.8	48.9	0.1	0.1%
75.3%	48.8	48.9	0.1	0.2%
76.5%	48.7	48.8	0.1	0.2%
77.8%	48.7	48.8	0.0	0.1%
79.0%	48.7	48.7	0.1	0.1%
80.2%	48.6	48.7	0.1	0.3%
81.5%	48.5	48.7	0.3	0.5%
82.7%	48.4	48.5	0.1	0.2%
84.0%	48.4	48.5	0.1	0.2%
85.2%	48.4	48.5	0.2	0.3%
86.4%	48.3	48.3	0.0	-0.1%
87.7%	48.2	48.3	0.1	0.1%
88.9%	48.0	48.2	0.2	0.3%
90.1%	47.8	48.2	0.3	0.7%
91.4%	47.8	47.9	0.1	0.3%
92.6%	47.8	47.9	0.1	0.2%
93.8%	47.5	47.8	0.3	0.6%
95.1%	47.0	47.5	0.5	1.1%
96.3%	46.9	46.8	0.0	-0.1%
97.5%	46.7	46.8	0.2	0.4%
98.8%	46.5	46.6	0.1	0.3%
100.0%	46.0	46.5	0.4	0.9%

January				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	49.0	49.2	0.2	0.3%
1.2%	48.7	49.2	0.4	0.9%
2.5%	48.5	48.7	0.3	0.5%
3.7%	48.4	48.5	0.1	0.2%
4.9%	48.2	48.4	0.2	0.4%
6.2%	48.1	48.3	0.1	0.2%
7.4%	48.1	48.2	0.1	0.2%
8.6%	47.9	48.1	0.2	0.4%
9.9%	47.9	48.1	0.2	0.4%
11.1%	47.9	48.0	0.1	0.1%
12.3%	47.7	48.0	0.2	0.5%
13.6%	47.7	47.8	0.2	0.4%
14.8%	47.7	47.8	0.1	0.3%
16.0%	47.6	47.8	0.1	0.3%
17.3%	47.6	47.8	0.1	0.3%
18.5%	47.6	47.8	0.1	0.3%
19.8%	47.6	47.7	0.1	0.3%
21.0%	47.6	47.7	0.1	0.2%
22.2%	47.5	47.7	0.2	0.4%
23.5%	47.5	47.7	0.2	0.4%
24.7%	47.4	47.7	0.2	0.5%
25.9%	47.3	47.6	0.3	0.7%
27.2%	47.3	47.4	0.1	0.2%
28.4%	47.3	47.4	0.1	0.2%
29.6%	47.2	47.3	0.1	0.3%
30.9%	47.2	47.3	0.1	0.2%
32.1%	47.1	47.3	0.2	0.5%
33.3%	47.1	47.3	0.2	0.4%
34.6%	47.0	47.2	0.2	0.4%
35.8%	47.0	47.1	0.1	0.3%
37.0%	46.9	47.1	0.2	0.4%
38.3%	46.9	47.0	0.1	0.3%
39.5%	46.8	47.0	0.2	0.5%
40.7%	46.8	47.0	0.2	0.5%
42.0%	46.7	46.8	0.1	0.2%
43.2%	46.7	46.8	0.1	0.2%
44.4%	46.7	46.7	0.1	0.2%
45.7%	46.6	46.7	0.1	0.2%
46.9%	46.6	46.6	0.1	0.1%
48.1%	46.6	46.6	0.1	0.1%
49.4%	46.5	46.6	0.1	0.2%
50.6%	46.5	46.6	0.1	0.3%
51.9%	46.4	46.5	0.1	0.3%
53.1%	46.3	46.4	0.2	0.4%
54.3%	46.2	46.4	0.2	0.4%
55.6%	46.2	46.3	0.2	0.4%
56.8%	46.1	46.3	0.1	0.2%
58.0%	46.1	46.2	0.1	0.2%
59.3%	46.1	46.1	0.1	0.1%
60.5%	46.0	46.1	0.1	0.3%
61.7%	46.0	46.1	0.1	0.2%
63.0%	46.0	46.0	0.0	0.1%
64.2%	45.9	46.0	0.1	0.2%
65.4%	45.9	46.0	0.1	0.2%
66.7%	45.9	46.0	0.1	0.3%
67.9%	45.8	45.9	0.1	0.2%
69.1%	45.8	45.9	0.1	0.2%
70.4%	45.7	45.8	0.1	0.2%
71.6%	45.7	45.7	0.0	0.0%
72.8%	45.4	45.6	0.2	0.5%
74.1%	45.4	45.6	0.2	0.5%
75.3%	45.3	45.5	0.2	0.5%
76.5%	45.2	45.5	0.3	0.7%
77.8%	45.1	45.4	0.3	0.6%
79.0%	45.0	45.3	0.3	0.7%
80.2%	44.9	45.3	0.4	0.8%
81.5%	44.9	45.2	0.3	0.6%
82.7%	44.9	45.0	0.1	0.3%
84.0%	44.8	45.0	0.1	0.3%
85.2%	44.7	44.9	0.2	0.5%
86.4%	44.7	44.9	0.3	0.6%
87.7%	44.5	44.9	0.4	0.9%
88.9%	44.4	44.9	0.5	1.1%
90.1%	44.2	44.5	0.2	0.5%
91.4%	44.2	44.4	0.1	0.3%
92.6%	44.2	44.2	0.0	0.1%
93.8%	44.0	44.2	0.2	0.5%
95.1%	43.9	44.0	0.1	0.1%
96.3%	43.8	43.9	0.2	0.4%
97.5%	43.7	43.8	0.1	0.3%
98.8%	43.6	43.7	0.1	0.2%
100.0%	42.1	42.2	0.1	0.2%

Table SQ-02-3b

Sacramento River below Keswick, Monthly Temperature
Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	48.3	48.3	0.0	0.1%
1.2%	47.6	48.0	0.3	0.7%
2.5%	47.6	47.6	0.0	0.0%
3.7%	47.6	47.5	-0.1	-0.1%
4.9%	47.1	47.4	0.3	0.6%
6.2%	47.0	47.3	0.3	0.6%
7.4%	47.0	47.1	0.1	0.2%
8.6%	47.0	47.0	0.1	0.1%
9.9%	46.9	47.0	0.1	0.3%
11.1%	46.8	47.0	0.2	0.4%
12.3%	46.8	46.9	0.1	0.2%
13.6%	46.8	46.9	0.1	0.2%
14.8%	46.8	46.9	0.1	0.2%
16.0%	46.8	46.8	0.1	0.1%
17.3%	46.7	46.8	0.1	0.2%
18.5%	46.7	46.7	0.0	0.0%
19.8%	46.7	46.7	0.0	-0.1%
21.0%	46.5	46.7	0.1	0.3%
22.2%	46.5	46.6	0.1	0.2%
23.5%	46.5	46.5	0.0	0.1%
24.7%	46.5	46.5	0.0	-0.1%
25.9%	46.4	46.5	0.0	0.1%
27.2%	46.4	46.5	0.0	0.1%
28.4%	46.4	46.4	0.0	0.1%
29.6%	46.4	46.4	0.0	0.1%
30.9%	46.4	46.4	0.0	0.1%
32.1%	46.3	46.4	0.1	0.1%
33.3%	46.3	46.4	0.1	0.2%
34.6%	46.2	46.4	0.1	0.3%
35.8%	46.2	46.3	0.1	0.2%
37.0%	46.2	46.2	0.1	0.1%
38.3%	46.1	46.2	0.1	0.1%
39.5%	46.1	46.2	0.1	0.3%
40.7%	46.0	46.2	0.1	0.3%
42.0%	46.0	46.1	0.1	0.2%
43.2%	46.0	46.0	0.1	0.1%
44.4%	45.9	46.0	0.1	0.1%
45.7%	45.9	45.9	0.1	0.1%
46.9%	45.9	45.8	-0.1	-0.1%
48.1%	45.8	45.8	0.0	-0.1%
49.4%	45.8	45.8	0.0	0.0%
50.6%	45.8	45.8	0.0	0.0%
51.9%	45.8	45.8	0.0	0.0%
53.1%	45.8	45.8	0.0	0.0%
54.3%	45.7	45.7	0.0	0.0%
55.6%	45.7	45.7	0.0	-0.1%
56.8%	45.7	45.7	0.0	-0.1%
58.0%	45.6	45.6	0.0	0.1%
59.3%	45.6	45.6	0.0	0.1%
60.5%	45.5	45.6	0.1	0.1%
61.7%	45.5	45.6	0.1	0.1%
63.0%	45.5	45.5	0.0	0.1%
64.2%	45.5	45.5	0.0	0.1%
65.4%	45.4	45.5	0.1	0.3%
66.7%	45.3	45.5	0.1	0.3%
67.9%	45.3	45.4	0.1	0.3%
69.1%	45.2	45.4	0.2	0.3%
70.4%	45.2	45.3	0.1	0.2%
71.6%	45.2	45.2	0.0	0.1%
72.8%	45.1	45.2	0.1	0.2%
74.1%	45.0	45.1	0.1	0.3%
75.3%	45.0	45.1	0.1	0.3%
76.5%	44.9	45.0	0.1	0.2%
77.8%	44.9	44.9	0.1	0.1%
79.0%	44.6	44.9	0.3	0.7%
80.2%	44.6	44.7	0.1	0.2%
81.5%	44.5	44.6	0.1	0.2%
82.7%	44.5	44.6	0.1	0.2%
84.0%	44.5	44.5	0.0	0.0%
85.2%	44.3	44.5	0.2	0.4%
86.4%	44.3	44.4	0.1	0.3%
87.7%	44.2	44.3	0.1	0.3%
88.9%	44.2	44.2	0.0	0.1%
90.1%	44.0	44.1	0.1	0.2%
91.4%	44.0	44.0	0.0	0.1%
92.6%	44.0	44.0	0.0	0.1%
93.8%	43.9	44.0	0.1	0.1%
95.1%	43.9	43.9	0.0	0.0%
96.3%	43.6	43.6	0.0	0.0%
97.5%	43.6	43.6	0.0	-0.1%
98.8%	43.4	43.4	0.0	0.1%
100.0%	43.1	43.1	0.0	0.0%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	49.8	49.9	0.0	0.1%
1.2%	49.6	49.8	0.2	0.4%
2.5%	49.5	49.8	0.3	0.6%
3.7%	49.3	49.7	0.4	0.8%
4.9%	49.0	49.3	0.2	0.5%
6.2%	48.9	48.9	0.0	0.0%
7.4%	48.9	48.8	-0.1	-0.1%
8.6%	48.9	48.8	-0.1	-0.2%
9.9%	48.7	48.8	0.1	0.2%
11.1%	48.7	48.7	0.0	0.0%
12.3%	48.6	48.7	0.1	0.1%
13.6%	48.6	48.7	0.1	0.1%
14.8%	48.6	48.6	0.1	0.1%
16.0%	48.5	48.6	0.1	0.2%
17.3%	48.5	48.6	0.1	0.2%
18.5%	48.4	48.5	0.2	0.4%
19.8%	48.2	48.5	0.3	0.6%
21.0%	48.1	48.4	0.3	0.6%
22.2%	48.1	48.3	0.2	0.4%
23.5%	48.0	48.2	0.2	0.4%
24.7%	48.0	48.2	0.2	0.4%
25.9%	48.0	48.1	0.1	0.2%
27.2%	47.8	47.9	0.2	0.3%
28.4%	47.8	47.9	0.1	0.2%
29.6%	47.7	47.9	0.2	0.3%
30.9%	47.7	47.8	0.1	0.2%
32.1%	47.6	47.8	0.2	0.4%
33.3%	47.6	47.8	0.2	0.4%
34.6%	47.5	47.7	0.2	0.5%
35.8%	47.5	47.7	0.2	0.4%
37.0%	47.5	47.7	0.2	0.5%
38.3%	47.4	47.7	0.2	0.5%
39.5%	47.4	47.6	0.2	0.4%
40.7%	47.4	47.6	0.1	0.3%
42.0%	47.4	47.5	0.1	0.2%
43.2%	47.4	47.5	0.1	0.1%
44.4%	47.3	47.4	0.1	0.2%
45.7%	47.3	47.4	0.1	0.3%
46.9%	47.3	47.4	0.1	0.2%
48.1%	47.3	47.3	0.1	0.1%
49.4%	47.3	47.3	0.1	0.1%
50.6%	47.2	47.3	0.1	0.2%
51.9%	47.2	47.3	0.1	0.2%
53.1%	47.2	47.3	0.1	0.3%
54.3%	47.2	47.3	0.1	0.2%
55.6%	47.0	47.2	0.2	0.3%
56.8%	47.0	47.1	0.1	0.3%
58.0%	47.0	47.1	0.1	0.2%
59.3%	46.9	47.1	0.2	0.4%
60.5%	46.8	46.9	0.2	0.3%
61.7%	46.7	46.8	0.1	0.2%
63.0%	46.7	46.7	0.0	0.1%
64.2%	46.7	46.7	0.0	0.0%
65.4%	46.7	46.7	0.0	0.1%
66.7%	46.6	46.6	0.0	0.1%
67.9%	46.4	46.5	0.1	0.2%
69.1%	46.4	46.5	0.1	0.2%
70.4%	46.3	46.4	0.1	0.3%
71.6%	46.3	46.4	0.1	0.2%
72.8%	46.3	46.3	0.1	0.2%
74.1%	46.2	46.3	0.1	0.2%
75.3%	46.2	46.3	0.1	0.2%
76.5%	46.2	46.2	0.0	0.0%
77.8%	46.1	46.2	0.0	0.1%
79.0%	46.1	46.2	0.0	0.1%
80.2%	46.1	46.1	0.1	0.1%
81.5%	46.1	46.1	0.0	0.1%
82.7%	46.0	46.1	0.0	0.0%
84.0%	45.9	46.0	0.1	0.2%
85.2%	45.8	46.0	0.2	0.5%
86.4%	45.7	45.9	0.1	0.3%
87.7%	45.7	45.8	0.1	0.2%
88.9%	45.6	45.7	0.1	0.2%
90.1%	45.6	45.7	0.0	0.1%
91.4%	45.6	45.7	0.1	0.2%
92.6%	45.4	45.5	0.1	0.1%
93.8%	45.4	45.4	0.0	0.0%
95.1%	45.3	45.4	0.1	0.3%
96.3%	45.0	45.0	0.0	0.0%
97.5%	44.8	45.0	0.2	0.3%
98.8%	44.8	44.9	0.1	0.1%
100.0%	44.7	44.7	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	52.0	52.7	0.7	1.4%
1.2%	51.1	52.2	1.1	2.2%
2.5%	51.1	51.2	0.1	0.2%
3.7%	50.9	51.1	0.2	0.3%
4.9%	50.8	51.1	0.2	0.5%
6.2%	50.8	51.0	0.2	0.5%
7.4%	50.8	50.9	0.1	0.2%
8.6%	50.8	50.8	0.0	0.0%
9.9%	50.4	50.7	0.3	0.5%
11.1%	50.4	50.6	0.2	0.4%
12.3%	50.3	50.6	0.3	0.5%
13.6%	50.3	50.4	0.1	0.3%
14.8%	50.0	50.3	0.3	0.6%
16.0%	49.9	50.2	0.3	0.7%
17.3%	49.9	50.1	0.3	0.5%
18.5%	49.8	50.1	0.3	0.6%
19.8%	49.8	50.1	0.3	0.6%
21.0%	49.7	50.0	0.3	0.6%
22.2%	49.7	50.0	0.3	0.6%
23.5%	49.7	49.9	0.2	0.5%
24.7%	49.6	49.9	0.3	0.5%
25.9%	49.5	49.8	0.3	0.6%
27.2%	49.5	49.8	0.3	0.6%
28.4%	49.5	49.8	0.3	0.7%
29.6%	49.5	49.8	0.3	0.7%
30.9%	49.4	49.7	0.3	0.6%
32.1%	49.4	49.6	0.3	0.5%
33.3%	49.3	49.6	0.3	0.5%
34.6%	49.3	49.6	0.3	0.6%
35.8%	49.3	49.5	0.3	0.6%
37.0%	49.2	49.5	0.3	0.6%
38.3%	49.2	49.5	0.3	0.7%
39.5%	49.2	49.5	0.3	0.6%
40.7%	49.0	49.4	0.4	0.9%
42.0%	49.0	49.4	0.4	0.8%
43.2%	49.0	49.2	0.2	0.5%
44.4%	49.0	49.2	0.3	0.6%
45.7%	48.9	49.2	0.3	0.6%
46.9%	48.9	49.2	0.3	0.6%
48.1%	48.9	49.2	0.3	0.5%
49.4%	48.8	49.1	0.4	0.7%
50.6%	48.7	49.0	0.3	0.7%
51.9%	48.6	49.0	0.3	0.7%
53.1%	48.6	48.9	0.4	0.7%
54.3%	48.6	48.9	0.3	0.7%
55.6%	48.5	48.9	0.4	0.8%
56.8%	48.5	48.9	0.4	0.8%
58.0%	48.5	48.9	0.3	0.7%
59.3%	48.5	48.8	0.3	0.6%
60.5%	48.5	48.7	0.2	0.4%
61.7%	48.5	48.7	0.2	0.4%
63.0%	48.4	48.7	0.2	0.5%
64.2%	48.4	48.6	0.2	0.5%
65.4%	48.4	48.6	0.2	0.4%
66.7%	48.4	48.6	0.2	0.5%
67.9%	48.4	48.5	0.1	0.3%
69.1%	48.3	48.5	0.2	0.3%
70.4%	48.3	48.4	0.1	0.2%
71.6%	48.3	48.4	0.1	0.2%
72.8%	48.3	48.4	0.1	0.3%
74.1%	48.2	48.4	0.2	0.4%
75.3%	48.2	48.4	0.2	0.4%
76.5%	48.1	48.4	0.2	0.5%
77.8%	48.1	48.4	0.3	0.5%
79.0%	47.9	48.3	0.4	0.9%
80.2%	47.9	48.3	0.4	0.8%
81.5%	47.8	48.2	0.4	0.8%
82.7%	47.8	48.2	0.4	0.8%
84.0%	47.7	48.1	0.4	0.8%
85.2%	47.6	48.0	0.4	0.8%
86.4%	47.4	48.0	0.6	1.2%
87.7%	47.4	47.9	0.5	1.1%
88.9%	47.3	47.8	0.5	1.0%
90.1%	47.2	47.5	0.3	0.6%
91.4%	47.1	47.3	0.2	0.4%
92.6%	47.1	47.1	-0.1	-0.1%
93.8%	47.0	47.0	0.0	0.1%
95.1%	46.9	47.0	0.1	0.2%
96.3%	46.6	46.6	0.0	0.0%
97.5%	46.4	46.4	0.0	0.0%
98.8%	46.3	46.4	0.2	0.3%
100.0%	46.0	46.0	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.7	55.9	1.2	2.2%
1.2%	54.6	54.0	-0.7	-1.2%
2.5%	54.0	53.3	-0.6	-1.2%
3.7%	53.8	53.3	-0.5	-1.0%
4.9%	53.4	52.4	-1.1	-2.0%
6.2%	52.8	52.3	-0.5	-0.9%
7.4%	52.3	52.3	-0.1	-0.1%
8.6%	52.1	52.1	0.0	0.0%
9.9%	52.0	51.4	-0.6	-1.2%
11.1%	51.9	51.3	-0.5	-1.0%
12.3%	51.8	51.3	-0.5	-1.0%
13.6%	51.6	51.0	-0.7	-1.3%
14.8%	51.6	50.9	-0.7	-1.3%
16.0%	51.1	50.9	-0.3	-0.5%
17.3%	51.0	50.8	-0.1	-0.3%
18.5%	50.8	50.8	0.0	0.0%
19.8%	50.8	50.8	0.0	0.0%
21.0%	50.8	50.8	0.0	0.0%
22.2%	50.7	50.7	0.0	0.1%
23.5%	50.6	50.7	0.1	0.1%
24.7%	50.6	50.7	0.1	0.2%
25.9%	50.6	50.6	0.0	0.1%
27.2%	50.5	50.6	0.0	0.1%
28.4%	50.5	50.4	-0.1	-0.1%
29.6%	50.4	50.4	0.0	0.0%
30.9%	50.4	50.3	-0.1	-0.1%
32.1%	50.3	50.3	0.0	0.0%
33.3%	50.3	50.3	0.0	-0.1%
34.6%	50.3	50.2	-0.1	-0.1%
35.8%	50.3	50.2	-0.1	-0.2%
37.0%	50.2	50.2	0.0	0.0%
38.3%	50.1	50.1	0.0	0.0%
39.5%	50.0	50.0	0.0	0.1%
40.7%	50.0	50.0	0.0	0.1%
42.0%	49.9	50.0	0.0	0.0%
43.2%	49.9	49.9	0.0	0.0%
44.4%	49.9	49.9	0.0	0.0%
45.7%	49.9	49.9	0.0	-0.1%
46.9%	49.9	49.9	0.0	-0.1%
48.1%	49.8	49.6	-0.2	-0.4%
49.4%	49.8	49.6	-0.2	-0.3%
50.6%	49.8	49.6	-0.2	-0.3%
51.9%	49.8	49.6	-0.1	-0.3%
53.1%	49.6	49.6	0.0	0.0%
54.3%	49.6	49.5	-0.1	-0.1%
55.6%	49.6	49.4	-0.1	-0.3%
56.8%	49.5	49.4	-0.1	-0.3%
58.0%	49.5	49.4	-0.1	-0.2%
59.3%	49.4	49.4	0.0	-0.1%
60.5%	49.3	49.2	-0.1	-0.3%
61.7%	49.2	49.2	0.0	-0.1%
63.0%	49.2	49.1	0.0	-0.1%
64.2%	49.1	49.1	0.0	0.0%
65.4%	49.1	49.0	-0.1	-0.1%
66.7%	49.1	49.0	-0.1	-0.1%
67.9%	49.1	49.0	-0.1	-0.2%
69.1%	49.0	48.9	-0.1	-0.2%
70.4%	48.9	48.9	-0.1	-0.1%
71.6%	48.9	48.8	0.0	-0.1%
72.8%	48.9	48.8	0.0	0.0%
74.1%	48.8	48.8	0.0	0.0%
75.3%	48.8	48.8	-0.1	-0.1%
76.5%	48.8	48.8	0.0	0.0%
77.8%	48.8	48.7	0.0	0.0%
79.0%	48.6	48.7	0.1	0.3%
80.2%	48.5	48.7	0.2	0.4%
81.5%	48.5	48.6	0.2	0.4%
82.7%	48.4	48.6	0.2	0.4%
84.0%	48.3	48.5	0.1	0.3%
85.2%	48.3	48.4	0.1	0.3%
86.4%	48.3	48.3	0.0	-0.1%
87.7%	48.3	48.2	0.0	-0.1%
88.9%	48.2	48.1	-0.1	-0.3%
90.1%	48.2	48.0	-0.3	-0.5%
91.4%	48.1	47.9	-0.1	-0.3%
92.6%	47.9	47.8	-0.1	-0.3%
93.8%	47.8	47.8	0.0	0.0%
95.1%	47.8	47.7	0.0	-0.1%
96.3%	47.8	47.7	0.0	-0.1%
97.5%	47.7	47.6	-0.1	-0.2%
98.8%	47.6	47.6	0.0	-0.1%
100.0%	46.6	46.7	0.0	0.1%

Table SQ-02-3b

Sacramento River below Keswick, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	55.6	55.6	0.0	0.0%
1.2%	55.5	54.8	-0.6	-1.2%
2.5%	55.0	54.8	-0.2	-0.4%
3.7%	54.8	54.4	-0.4	-0.8%
4.9%	54.5	54.3	-0.2	-0.4%
6.2%	53.9	53.8	-0.1	-0.2%
7.4%	53.5	53.6	0.1	0.1%
8.6%	53.3	53.0	-0.3	-0.6%
9.9%	52.1	52.5	0.5	0.9%
11.1%	52.1	52.3	0.3	0.5%
12.3%	52.0	52.2	0.2	0.4%
13.6%	51.9	52.2	0.2	0.4%
14.8%	51.8	52.0	0.2	0.4%
16.0%	51.6	51.8	0.2	0.4%
17.3%	51.4	51.6	0.1	0.2%
18.5%	51.4	51.5	0.1	0.2%
19.8%	51.2	51.4	0.2	0.4%
21.0%	51.2	51.1	-0.1	-0.1%
22.2%	51.1	51.1	-0.1	-0.1%
23.5%	51.1	51.1	-0.1	-0.1%
24.7%	51.0	51.0	0.0	0.0%
25.9%	51.0	51.0	0.0	0.1%
27.2%	50.9	51.0	0.0	0.1%
28.4%	50.9	50.9	0.0	0.1%
29.6%	50.9	50.9	0.0	0.0%
30.9%	50.8	50.9	0.0	0.1%
32.1%	50.8	50.9	0.0	0.1%
33.3%	50.8	50.8	0.0	0.0%
34.6%	50.8	50.8	0.1	0.1%
35.8%	50.7	50.7	0.0	0.1%
37.0%	50.7	50.6	0.0	-0.1%
38.3%	50.6	50.6	-0.1	-0.1%
39.5%	50.6	50.5	-0.1	-0.2%
40.7%	50.6	50.5	-0.1	-0.2%
42.0%	50.5	50.5	-0.1	-0.2%
43.2%	50.5	50.4	-0.1	-0.2%
44.4%	50.5	50.4	-0.1	-0.2%
45.7%	50.5	50.4	-0.1	-0.3%
46.9%	50.5	50.4	-0.1	-0.3%
48.1%	50.5	50.4	-0.1	-0.3%
49.4%	50.5	50.4	-0.1	-0.3%
50.6%	50.4	50.4	-0.1	-0.1%
51.9%	50.4	50.3	-0.1	-0.1%
53.1%	50.4	50.3	-0.1	-0.2%
54.3%	50.3	50.3	-0.1	-0.1%
55.6%	50.3	50.3	-0.1	-0.1%
56.8%	50.3	50.3	-0.1	-0.1%
58.0%	50.3	50.2	-0.1	-0.2%
59.3%	50.2	50.2	-0.1	-0.2%
60.5%	50.2	50.1	0.0	0.0%
61.7%	50.1	50.1	0.0	-0.1%
63.0%	50.0	50.1	0.1	0.1%
64.2%	50.0	50.0	0.0	0.1%
65.4%	50.0	50.0	0.0	0.1%
66.7%	50.0	50.0	0.0	0.1%
67.9%	49.9	50.0	0.0	0.1%
69.1%	49.9	50.0	0.0	0.1%
70.4%	49.9	49.9	0.1	0.1%
71.6%	49.9	49.9	0.1	0.1%
72.8%	49.9	49.8	0.0	-0.1%
74.1%	49.8	49.7	0.0	-0.1%
75.3%	49.8	49.7	0.0	-0.1%
76.5%	49.7	49.7	0.0	-0.1%
77.8%	49.7	49.7	0.0	0.0%
79.0%	49.7	49.7	0.0	0.0%
80.2%	49.6	49.6	0.0	0.0%
81.5%	49.6	49.6	0.0	0.1%
82.7%	49.6	49.6	0.0	0.0%
84.0%	49.5	49.6	0.0	0.1%
85.2%	49.5	49.5	0.1	0.2%
86.4%	49.4	49.5	0.1	0.2%
87.7%	49.4	49.4	0.1	0.1%
88.9%	49.3	49.3	0.0	0.1%
90.1%	49.3	49.3	0.0	0.1%
91.4%	49.2	49.2	0.0	-0.1%
92.6%	49.1	49.1	0.0	0.0%
93.8%	49.1	49.0	0.0	-0.1%
95.1%	48.8	48.8	0.0	0.1%
96.3%	48.7	48.8	0.1	0.2%
97.5%	48.6	48.7	0.2	0.3%
98.8%	48.5	48.6	0.1	0.1%
100.0%	48.4	48.4	0.0	0.0%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.9	58.5	-1.5	-2.4%
1.2%	57.4	56.6	-0.9	-1.5%
2.5%	56.5	56.3	-0.3	-0.4%
3.7%	56.4	56.1	-0.3	-0.5%
4.9%	56.3	55.9	-0.4	-0.7%
6.2%	56.2	55.8	-0.3	-0.6%
7.4%	55.9	55.8	-0.2	-0.3%
8.6%	55.4	55.3	-0.1	-0.2%
9.9%	55.2	55.0	-0.1	-0.3%
11.1%	54.8	55.0	0.2	0.3%
12.3%	54.6	53.6	-0.9	-1.7%
13.6%	53.7	52.9	-0.9	-1.6%
14.8%	53.1	52.8	-0.3	-0.5%
16.0%	52.8	52.3	-0.5	-0.9%
17.3%	52.5	52.3	-0.2	-0.5%
18.5%	52.3	52.3	-0.1	-0.2%
19.8%	52.3	52.2	-0.1	-0.1%
21.0%	52.2	52.2	0.0	0.0%
22.2%	52.2	52.2	0.0	0.1%
23.5%	52.1	52.1	-0.1	-0.1%
24.7%	52.1	52.1	0.0	-0.1%
25.9%	52.0	52.0	0.0	0.1%
27.2%	52.0	52.0	0.0	0.0%
28.4%	52.0	51.9	-0.1	-0.1%
29.6%	51.9	51.9	0.0	-0.1%
30.9%	51.9	51.8	-0.1	-0.1%
32.1%	51.9	51.8	-0.1	-0.1%
33.3%	51.8	51.7	-0.1	-0.2%
34.6%	51.8	51.7	-0.1	-0.2%
35.8%	51.8	51.7	-0.1	-0.2%
37.0%	51.7	51.7	-0.1	-0.2%
38.3%	51.7	51.6	-0.1	-0.2%
39.5%	51.7	51.6	-0.1	-0.2%
40.7%	51.7	51.5	-0.1	-0.2%
42.0%	51.6	51.5	-0.1	-0.1%
43.2%	51.6	51.5	-0.1	-0.1%
44.4%	51.6	51.5	-0.1	-0.2%
45.7%	51.5	51.5	-0.1	-0.1%
46.9%	51.5	51.5	-0.1	-0.1%
48.1%	51.5	51.4	0.0	-0.1%
49.4%	51.4	51.4	0.0	-0.1%
50.6%	51.4	51.4	-0.1	-0.1%
51.9%	51.4	51.4	-0.1	-0.1%
53.1%	51.3	51.4	0.0	0.0%
54.3%	51.3	51.3	0.0	0.1%
55.6%	51.3	51.3	0.1	0.1%
56.8%	51.3	51.3	0.1	0.1%
58.0%	51.3	51.3	0.1	0.1%
59.3%	51.3	51.3	0.1	0.1%
60.5%	51.2	51.3	0.1	0.2%
61.7%	51.2	51.3	0.1	0.3%
63.0%	51.1	51.3	0.1	0.3%
64.2%	51.1	51.3	0.1	0.3%
65.4%	51.1	51.2	0.1	0.2%
66.7%	51.1	51.1	0.1	0.1%
67.9%	51.1	51.1	0.1	0.1%
69.1%	51.1	51.1	0.1	0.1%
70.4%	51.0	51.1	0.1	0.2%
71.6%	51.0	51.1	0.1	0.1%
72.8%	51.0	51.1	0.1	0.2%
74.1%	51.0	51.1	0.1	0.1%
75.3%	51.0	51.0	0.1	0.1%
76.5%	51.0	51.0	0.1	0.1%
77.8%	51.0	51.0	0.1	0.1%
79.0%	51.0	51.0	0.1	0.1%
80.2%	50.9	51.0	0.1	0.1%
81.5%	50.9	51.0	0.1	0.2%
82.7%	50.9	51.0	0.1	0.1%
84.0%	50.9	50.9	0.1	0.1%
85.2%	50.8	50.9	0.0	0.1%
86.4%	50.8	50.9	0.0	0.0%
87.7%	50.8	50.8	0.0	-0.1%
88.9%	50.7	50.8	0.1	0.2%
90.1%	50.6	50.7	0.1	0.2%
91.4%	50.6	50.7	0.1	0.2%
92.6%	50.6	50.7	0.1	0.3%
93.8%	50.5	50.6	0.1	0.2%
95.1%	50.5	50.6	0.1	0.2%
96.3%	50.4	50.5	0.1	0.2%
97.5%	50.3	50.5	0.2	0.4%
98.8%	50.1	50.4	0.3	0.7%
100.0%	49.9	50.0	0.2	0.4%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.2	63.7	-1.5	-2.3%
1.2%	64.5	62.7	-1.8	-2.8%
2.5%	63.6	61.8	-1.8	-2.8%
3.7%	62.3	55.8	-6.5	-10.4%
4.9%	58.7	55.2	-3.5	-6.0%
6.2%	57.0	54.9	-2.1	-3.7%
7.4%	55.9	54.7	-1.2	-2.2%
8.6%	55.7	54.4	-1.3	-2.3%
9.9%	55.5	54.3	-1.2	-2.2%
11.1%	55.3	54.2	-1.0	-1.9%
12.3%	54.8	54.2	-0.6	-1.1%
13.6%	54.4	53.9	-0.4	-0.8%
14.8%	54.1	53.9	-0.2	-0.3%
16.0%	54.0	53.9	-0.1	-0.1%
17.3%	53.9	53.9	-0.1	-0.1%
18.5%	53.9	53.8	-0.1	-0.2%
19.8%	53.6	53.7	0.0	0.0%
21.0%	53.6	53.4	-0.2	-0.3%
22.2%	53.5	53.4	-0.2	-0.3%
23.5%	53.4	53.3	-0.2	-0.3%
24.7%	53.4	53.3	-0.2	-0.3%
25.9%	53.4	53.2	-0.2	-0.3%
27.2%	53.4	53.2	-0.2	-0.3%
28.4%	53.3	53.2	-0.1	-0.3%
29.6%	53.3	53.2	-0.1	-0.2%
30.9%	53.2	53.1	-0.1	-0.3%
32.1%	53.2	53.0	-0.2	-0.3%
33.3%	53.2	53.0	-0.2	-0.3%
34.6%	53.1	53.0	-0.1	-0.2%
35.8%	53.1	53.0	-0.1	-0.2%
37.0%	53.0	53.0	-0.1	-0.1%
38.3%	53.0	52.7	-0.3	-0.5%
39.5%	53.0	52.6	-0.4	-0.7%
40.7%	52.9	52.6	-0.3	-0.6%
42.0%	52.9	52.5	-0.4	-0.8%
43.2%	52.9	52.4	-0.5	-0.9%
44.4%	52.8	52.4	-0.4	-0.8%
45.7%	52.7	52.3	-0.5	-0.9%
46.9%	52.7	52.3	-0.4	-0.8%
48.1%	52.7	52.2	-0.4	-0.8%
49.4%	52.6	52.2	-0.4	-0.7%
50.6%	52.6	52.2	-0.4	-0.7%
51.9%	52.5	52.2	-0.3	-0.5%
53.1%	52.5	52.2	-0.3	-0.5%
54.3%	52.5	52.2	-0.3	-0.5%
55.6%	52.4	52.2	-0.2	-0.4%
56.8%	52.2	52.2	0.0	-0.1%
58.0%	52.2	52.2	0.0	0.0%
59.3%	52.2	52.1	0.0	0.0%
60.5%	52.2	52.0	-0.1	-0.2%
61.7%	52.1	52.0	-0.1	-0.2%
63.0%	52.1	52.0	-0.1	-0.2%
64.2%	52.1	52.0	-0.1	-0.2%
65.4%	52.1	52.0	-0.1	-0.2%
66.7%	52.1	52.0	-0.1	-0.2%
67.9%	52.0	52.0	0.0	-0.1%
69.1%	52.0	51.9	-0.1	-0.2%
70.4%	52.0	51.9	-0.1	-0.2%
71.6%	52.0	51.8	-0.1	-0.2%
72.8%	51.9	51.8	-0.1	-0.2%
74.1%	51.9	51.8	-0.1	-0.2%
75.3%	51.9	51.8	-0.1	-0.1%
76.5%	51.8	51.8	-0.1	-0.2%
77.8%	51.8	51.7	0.0	-0.1%
79.0%	51.8	51.7	0.0	-0.1%
80.2%	51.8	51.7	-0.1	-0.1%
81.5%	51.7	51.7	0.0	-0.1%
82.7%	51.7	51.7	0.0	0.0%
84.0%	51.6	51.6	0.0	0.0%
85.2%	51.6	51.6	0.0	0.0%
86.4%	51.5	51.6	0.2	0.3%
87.7%	51.4	51.6	0.2	0.3%
88.9%	51.4	51.6	0.1	0.3%
90.1%	51.4	51.6	0.2	0.3%
91.4%	51.4	51.6	0.2	0.3%
92.6%	51.4	51.5	0.1	0.2%
93.8%	51.3	51.5	0.2	0.3%
95.1%	51.2	51.5	0.3	0.5%
96.3%	51.1	51.3	0.2	0.4%
97.5%	51.0	51.1	0.0	0.1%
98.8%	50.9	51.0	0.1	0.2%
100.0%	50.8	50.8	0.0	0.0%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.6	65.9	-1.7	-2.5%
1.2%	65.9	64.1	-1.8	-2.8%
2.5%	65.4	63.0	-2.3	-3.6%
3.7%	65.1	62.4	-2.7	-4.1%
4.9%	64.3	61.7	-2.6	-4.0%
6.2%	62.7	61.3	-1.4	-2.2%
7.4%	62.6	60.7	-1.9	-3.1%
8.6%	59.4	58.2	-1.2	-2.0%
9.9%	58.5	57.3	-1.2	-2.1%
11.1%	58.0	57.1	-0.9	-1.6%
12.3%	57.8	56.9	-0.9	-1.5%
13.6%	57.3	56.4	-0.9	-1.6%
14.8%	57.2	56.4	-0.9	-1.5%
16.0%	57.1	56.3	-0.8	-1.4%
17.3%	56.8	56.2	-0.6	-1.0%
18.5%	56.7	56.2	-0.5	-0.8%
19.8%	56.5	55.5	-1.0	-1.8%
21.0%	56.5	55.4	-1.1	-1.9%
22.2%	56.4	55.2	-1.2	-2.2%
23.5%	55.8	54.9	-0.9	-1.5%
24.7%	55.6	54.9	-0.6	-1.1%
25.9%	55.5	54.9	-0.5	-1.0%
27.2%	55.4	54.8	-0.5	-0.9%
28.4%	55.3	54.8	-0.5	-0.9%
29.6%	55.3	54.8	-0.5	-0.9%
30.9%	55.3	54.7	-0.6	-1.0%
32.1%	55.1	54.7	-0.4	-0.8%
33.3%	54.9	54.6	-0.3	-0.6%
34.6%	54.9	54.6	-0.4	-0.6%
35.8%	54.8	54.3	-0.4	-0.8%
37.0%	54.7	54.3	-0.5	-0.8%
38.3%	54.7	54.3	-0.5	-0.8%
39.5%	54.6	54.2	-0.4	-0.8%
40.7%	54.6	54.1	-0.5	-0.9%
42.0%	54.5	54.0	-0.5	-0.9%
43.2%	54.4	54.0	-0.4	-0.8%
44.4%	54.4	53.8	-0.6	-1.2%
45.7%	54.4	53.8	-0.6	-1.2%
46.9%	54.4	53.8	-0.6	-1.2%
48.1%	54.2	53.7	-0.5	-0.9%
49.4%	54.1	53.6	-0.5	-0.9%
50.6%	54.0	53.5	-0.5	-1.0%
51.9%	53.9	53.5	-0.5	-0.9%
53.1%	53.8	53.4	-0.4	-0.7%
54.3%	53.8	53.4	-0.4	-0.7%
55.6%	53.7	53.4	-0.3	-0.6%
56.8%	53.7	53.3	-0.4	-0.8%
58.0%	53.6	53.1	-0.5	-1.0%
59.3%	53.5	53.0	-0.5	-0.9%
60.5%	53.5	53.0	-0.5	-0.9%
61.7%	53.4	52.9	-0.5	-0.9%
63.0%	53.4	52.9	-0.5	-1.0%
64.2%	53.4	52.8	-0.6	-1.0%
65.4%	53.3	52.8	-0.5	-0.9%
66.7%	53.3	52.8	-0.5	-0.9%
67.9%	53.2	52.8	-0.5	-0.9%
69.1%	53.2	52.8	-0.5	-0.8%
70.4%	53.2	52.7	-0.5	-0.9%
71.6%	53.2	52.6	-0.6	-1.1%
72.8%	53.2	52.5	-0.6	-1.1%
74.1%	53.1	52.5	-0.6	-1.1%
75.3%	53.0	52.5	-0.5	-1.0%
76.5%	53.0	52.4	-0.6	-1.1%
77.8%	53.0	52.4	-0.6	-1.1%
79.0%	52.9	52.4	-0.5	-1.0%
80.2%	52.9	52.3	-0.5	-1.0%
81.5%	52.8	52.3	-0.5	-1.0%
82.7%	52.8	52.2	-0.5	-1.0%
84.0%	52.6	52.2	-0.4	-0.8%
85.2%	52.6	52.2	-0.4	-0.8%
86.4%	52.6	52.0	-0.7	-1.2%
87.7%	52.5	52.0	-0.5	-1.0%
88.9%	52.4	51.7	-0.7	-1.3%
90.1%	52.2	51.7	-0.6	-1.1%
91.4%	52.2	51.6	-0.6	-1.1%
92.6%	51.7	51.6	-0.1	-0.2%
93.8%	51.5	51.3	-0.2	-0.5%
95.1%	51.5	51.2	-0.3	-0.6%
96.3%	51.2	51.2	0.0	0.0%
97.5%	51.1	51.1	-0.1	-0.1%
98.8%	50.5	50.8	0.2	0.4%
100.0%	50.5	50.5	0.0	-0.1%

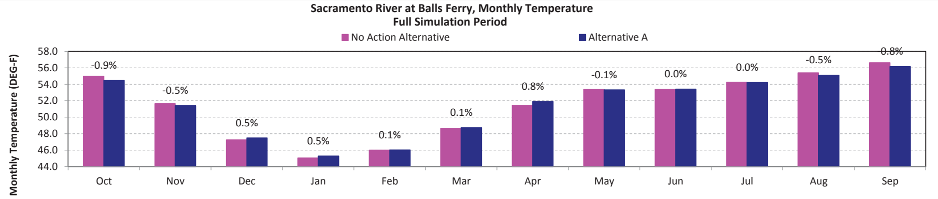
Table SQ-03-3a
Sacramento River at Balls Ferry, Monthly Temperature
Long-term Average and Average by Water Year Type

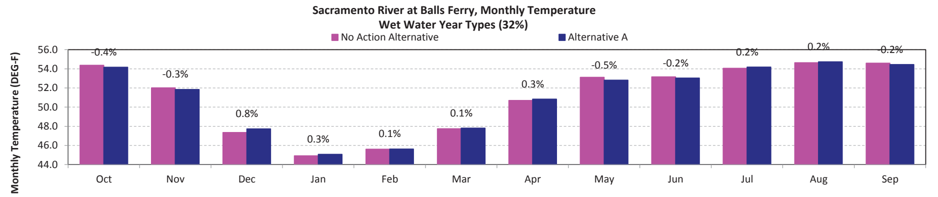
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	55.0	51.6	47.2	45.0	46.0	48.7	51.5	53.4	53.4	54.3	55.4	56.6
Alternative A	54.5	51.4	47.5	45.3	46.0	48.7	51.9	53.3	53.4	54.2	55.1	56.1
Difference	-0.5	-0.2	0.2	0.2	0.0	0.1	0.4	-0.1	0.0	0.0	-0.3	-0.5
Percent Difference[3]	-0.9%	-0.5%	0.5%	0.5%	0.1%	0.1%	0.8%	-0.1%	0.0%	0.0%	-0.5%	-0.8%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	54.4	52.0	47.3	44.9	45.6	47.7	50.7	53.1	53.2	54.1	54.6	54.6
Alternative A	54.2	51.8	47.7	45.1	45.6	47.8	50.8	52.8	53.0	54.2	54.7	54.4
Difference	-0.2	-0.2	0.4	0.2	0.0	0.1	0.1	-0.3	-0.1	0.1	0.1	-0.1
Percent Difference	-0.4%	-0.3%	0.8%	0.3%	0.1%	0.1%	0.3%	-0.5%	-0.2%	0.2%	0.2%	-0.2%
Above Normal (15%)												
No Action Alternative	53.8	51.3	47.7	45.3	46.0	48.9	51.9	53.7	52.5	53.1	54.8	55.4
Alternative A	53.3	51.2	48.1	45.5	46.0	48.9	52.2	53.4	52.7	53.3	54.8	55.4
Difference	-0.4	-0.2	0.4	0.2	0.0	0.0	0.3	-0.3	0.2	0.2	0.0	-0.1
Percent Difference	-0.8%	-0.3%	0.8%	0.5%	0.0%	0.1%	0.5%	-0.6%	0.4%	0.3%	0.0%	-0.2%
Below Normal (17%)												
No Action Alternative	53.5	51.0	47.5	45.0	45.7	48.6	51.9	53.4	53.0	53.5	54.3	56.0
Alternative A	53.0	50.8	47.6	45.2	45.7	48.6	52.4	53.5	53.1	53.6	54.3	55.5
Difference	-0.5	-0.2	0.1	0.2	0.0	0.0	0.5	0.1	0.1	0.0	0.0	-0.5
Percent Difference	-1.0%	-0.4%	0.2%	0.4%	0.0%	0.0%	1.0%	0.1%	0.2%	0.1%	0.0%	-0.9%
Dry (22%)												
No Action Alternative	55.3	51.8	47.2	45.1	46.2	49.3	51.8	53.0	53.5	53.8	55.3	57.4
Alternative A	54.5	51.4	47.2	45.5	46.2	49.4	52.6	53.3	53.5	53.8	54.9	56.8
Difference	-0.8	-0.3	0.0	0.3	0.0	0.1	0.7	0.2	0.1	0.0	-0.4	-0.6
Percent Difference	-1.4%	-0.7%	0.0%	0.8%	0.0%	0.2%	1.4%	0.4%	0.1%	-0.1%	-0.8%	-1.1%
Critical (15%)												
No Action Alternative	58.8	51.6	46.4	45.1	46.8	49.6	51.7	54.1	55.2	57.3	59.1	61.7
Alternative A	57.9	51.4	46.6	45.3	46.9	49.7	52.4	54.2	55.2	56.8	57.5	60.3
Difference	-0.9	-0.3	0.2	0.2	0.1	0.1	0.7	0.1	-0.1	-0.6	-1.6	-1.4
Percent Difference	-1.6%	-0.5%	0.5%	0.6%	0.2%	0.2%	1.4%	0.2%	-0.1%	-1.0%	-2.7%	-2.2%

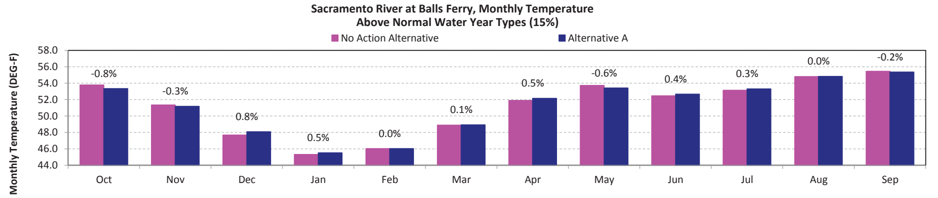
1 Based on the 82-year simulation period

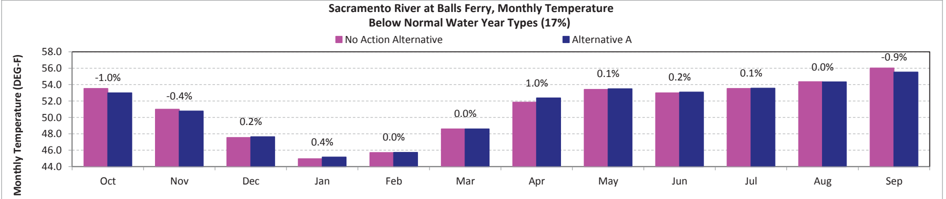
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

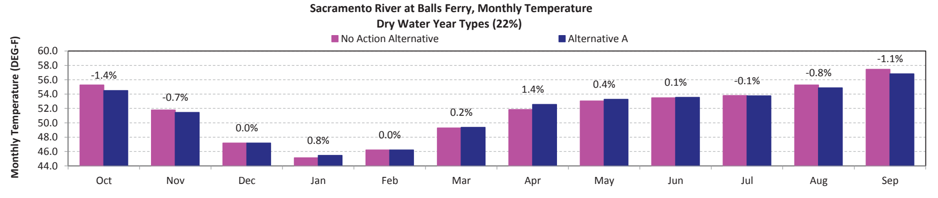
3 Relative difference of the monthly average


Sacramento River at Balls Ferry, Monthly Temperature
Full Simulation Period


Sacramento River at Balls Ferry, Monthly Temperature
Wet Water Year Types (32%)


Sacramento River at Balls Ferry, Monthly Temperature
Above Normal Water Year Types (15%)


Sacramento River at Balls Ferry, Monthly Temperature
Below Normal Water Year Types (17%)


Sacramento River at Balls Ferry, Monthly Temperature
Dry Water Year Types (22%)

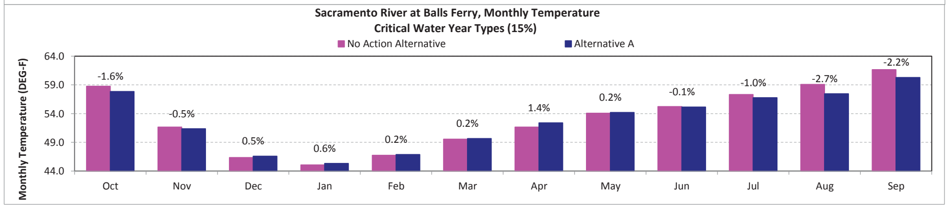

Sacramento River at Balls Ferry, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-03-3b
Sacramento River at Balls Ferry, Monthly Temperature
Probability of Exceedance

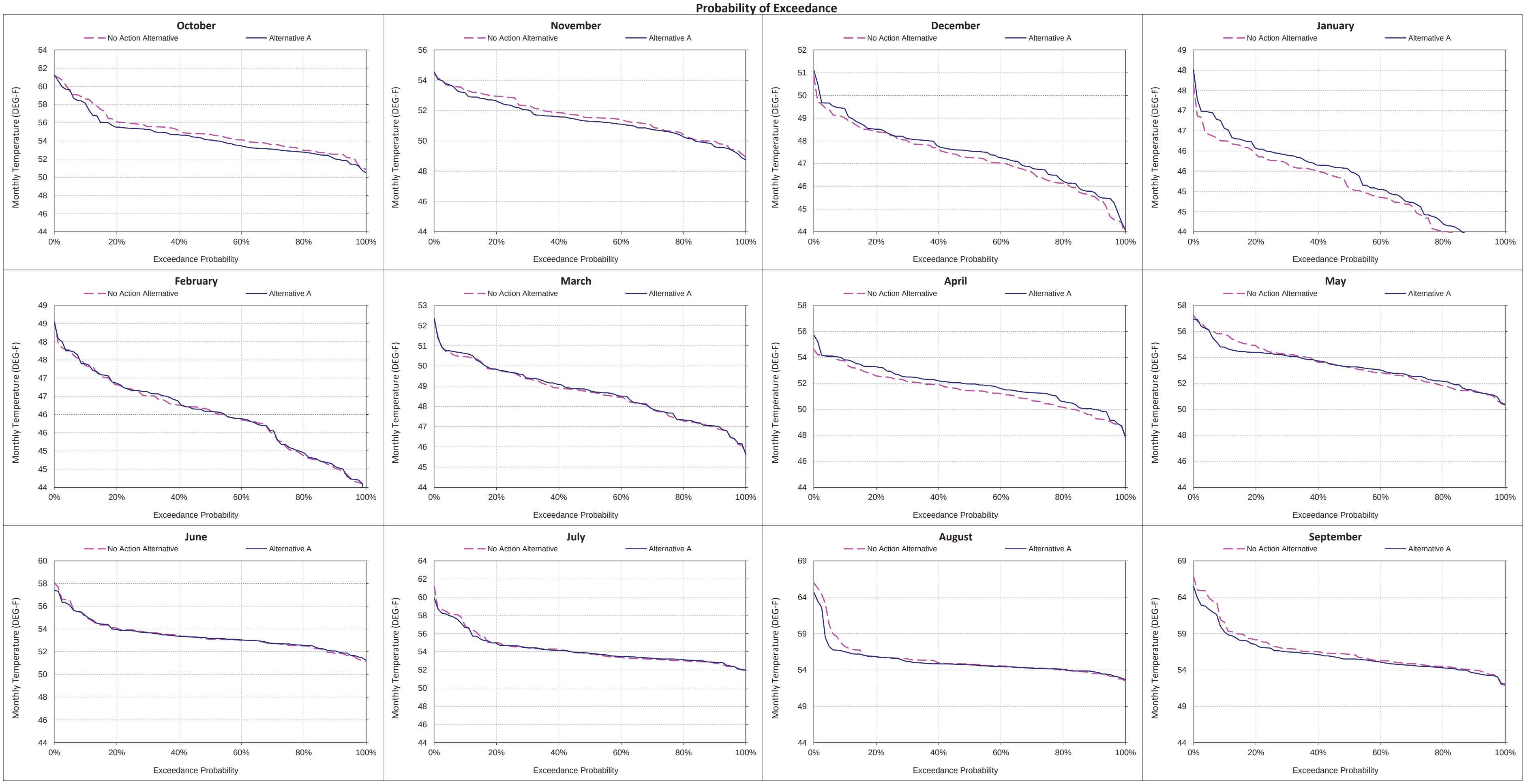


Table SQ-03-3b

Sacramento River at Balls Ferry, Monthly Temperature
Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	61.2	61.3	0.1	0.2%
1.2%	61.0	60.6	-0.4	-0.6%
2.5%	60.7	59.9	-0.8	-1.2%
3.7%	60.1	59.7	-0.4	-0.7%
4.9%	59.5	59.6	0.2	0.3%
6.2%	59.1	58.7	-0.4	-0.7%
7.4%	59.1	58.5	-0.6	-1.0%
8.6%	58.9	58.4	-0.5	-0.8%
9.9%	58.6	58.2	-0.5	-0.8%
11.1%	58.6	57.4	-1.2	-2.0%
12.3%	58.1	56.8	-1.3	-2.3%
13.6%	57.9	56.8	-1.1	-1.8%
14.8%	57.5	56.0	-1.4	-2.5%
16.0%	57.3	56.0	-1.2	-2.2%
17.3%	56.5	56.0	-0.4	-0.8%
18.5%	56.4	55.7	-0.7	-1.3%
19.8%	56.1	55.5	-0.6	-1.0%
21.0%	56.1	55.5	-0.6	-1.0%
22.2%	56.0	55.4	-0.6	-1.1%
23.5%	56.0	55.4	-0.6	-1.0%
24.7%	55.9	55.4	-0.5	-0.9%
25.9%	55.9	55.4	-0.5	-0.9%
27.2%	55.8	55.3	-0.5	-0.9%
28.4%	55.8	55.3	-0.5	-0.9%
29.6%	55.6	55.3	-0.3	-0.6%
30.9%	55.6	55.2	-0.3	-0.6%
32.1%	55.6	55.0	-0.5	-1.0%
33.3%	55.6	54.9	-0.6	-1.1%
34.6%	55.5	54.9	-0.6	-1.1%
35.8%	55.5	54.9	-0.6	-1.1%
37.0%	55.4	54.7	-0.7	-1.2%
38.3%	55.4	54.7	-0.7	-1.2%
39.5%	55.2	54.7	-0.5	-0.9%
40.7%	55.0	54.6	-0.3	-0.6%
42.0%	54.9	54.6	-0.2	-0.4%
43.2%	54.8	54.6	-0.3	-0.5%
44.4%	54.8	54.4	-0.4	-0.8%
45.7%	54.8	54.4	-0.4	-0.8%
46.9%	54.8	54.3	-0.5	-0.8%
48.1%	54.8	54.2	-0.6	-1.1%
49.4%	54.8	54.1	-0.6	-1.2%
50.6%	54.7	54.1	-0.6	-1.0%
51.9%	54.6	54.0	-0.6	-1.1%
53.1%	54.5	54.0	-0.6	-1.0%
54.3%	54.4	53.8	-0.6	-1.1%
55.6%	54.3	53.7	-0.6	-1.1%
56.8%	54.3	53.7	-0.6	-1.1%
58.0%	54.1	53.5	-0.6	-1.1%
59.3%	54.1	53.5	-0.6	-1.1%
60.5%	54.1	53.4	-0.7	-1.3%
61.7%	53.9	53.3	-0.6	-1.2%
63.0%	53.9	53.2	-0.6	-1.2%
64.2%	53.8	53.2	-0.7	-1.2%
65.4%	53.8	53.2	-0.6	-1.1%
66.7%	53.8	53.1	-0.7	-1.2%
67.9%	53.7	53.1	-0.6	-1.1%
69.1%	53.6	53.1	-0.5	-0.9%
70.4%	53.6	53.1	-0.5	-1.0%
71.6%	53.6	53.0	-0.5	-1.0%
72.8%	53.5	53.0	-0.5	-1.0%
74.1%	53.4	52.9	-0.4	-0.8%
75.3%	53.3	52.9	-0.4	-0.8%
76.5%	53.3	52.8	-0.5	-0.9%
77.8%	53.2	52.8	-0.4	-0.8%
79.0%	53.0	52.8	-0.2	-0.4%
80.2%	53.0	52.7	-0.2	-0.4%
81.5%	53.0	52.7	-0.3	-0.5%
82.7%	52.9	52.6	-0.3	-0.5%
84.0%	52.8	52.5	-0.3	-0.5%
85.2%	52.7	52.5	-0.2	-0.5%
86.4%	52.7	52.4	-0.3	-0.5%
87.7%	52.7	52.4	-0.2	-0.4%
88.9%	52.5	52.2	-0.3	-0.6%
90.1%	52.5	52.0	-0.5	-1.0%
91.4%	52.5	51.9	-0.6	-1.1%
92.6%	52.5	51.8	-0.7	-1.3%
93.8%	52.2	51.8	-0.3	-0.7%
95.1%	52.1	51.4	-0.7	-1.3%
96.3%	52.0	51.4	-0.6	-1.1%
97.5%	51.3	51.2	-0.1	-0.1%
98.8%	51.1	50.7	-0.3	-0.6%
100.0%	50.8	50.5	0.0	-0.7%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.5	54.5	0.0	0.1%
1.2%	54.1	54.1	-0.1	-0.1%
2.5%	54.0	54.0	0.0	-0.1%
3.7%	53.7	53.8	0.1	0.1%
4.9%	53.7	53.7	0.1	0.1%
6.2%	53.6	53.6	0.0	0.0%
7.4%	53.6	53.3	-0.3	-0.5%
8.6%	53.5	53.2	-0.3	-0.6%
9.9%	53.3	53.2	-0.1	-0.3%
11.1%	53.3	52.9	-0.4	-0.8%
12.3%	53.2	52.9	-0.3	-0.6%
13.6%	53.2	52.9	-0.3	-0.6%
14.8%	53.2	52.8	-0.3	-0.7%
16.0%	53.1	52.8	-0.3	-0.5%
17.3%	53.0	52.7	-0.3	-0.6%
18.5%	53.0	52.7	-0.3	-0.5%
19.8%	53.0	52.7	-0.3	-0.6%
21.0%	52.9	52.5	-0.4	-0.8%
22.2%	52.9	52.4	-0.5	-0.9%
23.5%	52.9	52.4	-0.5	-0.9%
24.7%	52.9	52.3	-0.5	-1.0%
25.9%	52.8	52.2	-0.6	-1.1%
27.2%	52.4	52.2	-0.2	-0.3%
28.4%	52.3	52.1	-0.3	-0.5%
29.6%	52.3	52.1	-0.3	-0.5%
30.9%	52.3	52.0	-0.3	-0.5%
32.1%	52.2	51.7	-0.4	-0.8%
33.3%	52.1	51.7	-0.4	-0.8%
34.6%	52.0	51.7	-0.3	-0.6%
35.8%	52.0	51.7	-0.3	-0.6%
37.0%	51.9	51.6	-0.3	-0.5%
38.3%	51.9	51.6	-0.2	-0.5%
39.5%	51.9	51.6	-0.3	-0.5%
40.7%	51.9	51.6	-0.3	-0.5%
42.0%	51.8	51.6	-0.2	-0.5%
43.2%	51.8	51.5	-0.3	-0.5%
44.4%	51.7	51.5	-0.3	-0.5%
45.7%	51.7	51.4	-0.3	-0.6%
46.9%	51.6	51.4	-0.3	-0.5%
48.1%	51.6	51.3	-0.2	-0.4%
49.4%	51.5	51.3	-0.2	-0.5%
50.6%	51.5	51.3	-0.3	-0.5%
51.9%	51.5	51.3	-0.3	-0.5%
53.1%	51.5	51.3	-0.2	-0.5%
54.3%	51.5	51.2	-0.3	-0.5%
55.6%	51.5	51.2	-0.3	-0.5%
56.8%	51.5	51.2	-0.3	-0.6%
58.0%	51.5	51.1	-0.3	-0.6%
59.3%	51.4	51.1	-0.3	-0.6%
60.5%	51.4	51.1	-0.3	-0.6%
61.7%	51.3	51.1	-0.2	-0.5%
63.0%	51.2	51.0	-0.2	-0.4%
64.2%	51.2	51.0	-0.2	-0.5%
65.4%	51.2	50.9	-0.3	-0.7%
66.7%	51.2	50.9	-0.3	-0.6%
67.9%	51.1	50.8	-0.3	-0.5%
69.1%	51.1	50.8	-0.3	-0.6%
70.4%	50.9	50.7	-0.2	-0.3%
71.6%	50.8	50.7	-0.1	-0.3%
72.8%	50.8	50.7	-0.1	-0.2%
74.1%	50.7	50.7	0.0	-0.1%
75.3%	50.6	50.6	0.0	-0.1%
76.5%	50.6	50.5	-0.1	-0.2%
77.8%	50.6	50.5	-0.1	-0.2%
79.0%	50.6	50.4	-0.2	-0.4%
80.2%	50.4	50.2	-0.1	-0.2%
81.5%	50.2	50.2	-0.1	-0.2%
82.7%	50.2	50.1	0.0	0.0%
84.0%	50.1	50.0	-0.1	-0.2%
85.2%	50.1	49.9	-0.1	-0.2%
86.4%	50.0	49.9	-0.1	-0.1%
87.7%	50.0	49.9	-0.1	-0.3%
88.9%	50.0	49.8	-0.2	-0.3%
90.1%	50.0	49.6	-0.4	-0.7%
91.4%	49.8	49.6	-0.3	-0.5%
92.6%	49.8	49.6	-0.2	-0.5%
93.8%	49.7	49.5	-0.2	-0.4%
95.1%	49.4	49.4	0.0	0.0%
96.3%	49.4	49.3	-0.1	-0.2%
97.5%	49.3	49.1	-0.2	-0.4%
98.8%	49.1	48.9	-0.3	-0.5%
100.0%	48.9	48.7	-0.2	-0.4%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.9	51.1	0.2	0.5%
1.2%	49.7	50.5	0.8	1.6%
2.5%	49.6	49.7	0.1	0.1%
3.7%	49.4	49.7	0.2	0.5%
4.9%	49.4	49.7	0.3	0.6%
6.2%	49.1	49.5	0.4	0.8%
7.4%	49.1	49.5	0.4	0.8%
8.6%	49.1	49.4	0.4	0.7%
9.9%	49.0	49.4	0.4	0.8%
11.1%	48.9	49.1	0.2	0.4%
12.3%	48.8	49.0	0.2	0.3%
13.6%	48.7	48.9	0.2	0.3%
14.8%	48.6	48.8	0.2	0.4%
16.0%	48.5	48.7	0.2	0.4%
17.3%	48.5	48.5	0.0	0.1%
18.5%	48.5	48.5	0.1	0.2%
19.8%	48.4	48.5	0.1	0.2%
21.0%	48.4	48.5	0.1	0.3%
22.2%	48.4	48.5	0.1	0.2%
23.5%	48.4	48.4	0.0	0.0%
24.7%	48.2	48.3	0.1	0.1%
25.9%	48.2	48.2	0.0	0.0%
27.2%	48.1	48.2	0.2	0.3%
28.4%	48.1	48.2	0.2	0.3%
29.6%	48.0	48.1	0.1	0.1%
30.9%	47.9	48.1	0.1	0.3%
32.1%	47.9	48.1	0.2	0.4%
33.3%	47.8	48.0	0.2	0.4%
34.6%	47.8	48.0	0.2	0.4%
35.8%	47.8	48.0	0.2	0.4%
37.0%	47.8	48.0	0.2	0.4%
38.3%	47.7	48.0	0.3	0.6%
39.5%	47.7	47.8	0.1	0.2%
40.7%	47.6	47.7	0.2	0.3%
42.0%	47.5	47.7	0.2	0.4%
43.2%	47.5	47.6	0.2	0.4%
44.4%	47.4	47.6	0.2	0.4%
45.7%	47.4	47.6	0.2	0.4%
46.9%	47.3	47.6	0.3	0.6%
48.1%	47.3	47.6	0.3	0.6%
49.4%	47.3	47.6	0.3	0.6%
50.6%	47.3	47.5	0.3	0.6%
51.9%	47.2	47.5	0.3	0.6%
53.1%	47.2	47.5	0.3	0.6%
54.3%	47.2	47.5	0.3	0.6%
55.6%	47.1	47.5	0.4	0.8%
56.8%	47.1	47.4	0.3	0.7%
58.0%	47.0	47.4	0.3	0.7%
59.3%	47.0	47.3	0.2	0.5%
60.5%	47.0	47.2	0.2	0.5%
61.7%	47.0	47.2	0.2	0.5%
63.0%	46.9	47.2	0.2	0.5%
64.2%	46.9	47.1	0.2	0.5%
65.4%	46.8	47.1	0.3	0.6%
66.7%	46.8	46.9	0.2	0.4%
67.9%	46.7	46.9	0.2	0.4%
69.1%	46.7	46.9	0.2	0.4%
70.4%	46.6	46.8	0.2	0.4%
71.6%	46.4	46.8	0.3	0.7%
72.8%	46.4	46.7	0.3	0.7%
74.1%	46.3	46.7	0.4	0.9%
75.3%	46.2	46.5	0.3	0.6%
76.5%	46.2	46.5	0.3	0.6%
77.8%	46.2	46.5	0.3	0.7%
79.0%	46.1	46.3	0.2	0.4%
80.2%	46.1	46.2	0.1	0.2%
81.5%	46.1	46.1	0.1	0.2%
82.7%	46.0	46.1	0.2	0.4%
84.0%	45.9	46.1	0.2	0.4%
85.2%	45.7	45.9	0.2	0.4%
86.4%	45.7	45.8	0.1	0.3%
87.7%	45.6	45.8	0.1	0.3%
88.9%	45.6	45.8	0.2	0.4%
90.1%	45.6	45.7	0.2	0.4%
91.4%	45.4	45.5	0.2	0.3%
92.6%	45.4	45.5	0.1	0.3%
93.8%	45.1	45.5	0.4	0.8%
95.1%	44.7	45.5	0.8	1.8%
96.3%	44.5	45.3	0.7	1.7%
97.5%	44.5	44.9	0.4	0.8%
98.8%	44.4	44.4	0.0	0.1%
100.0%	43.7	44.1	0.4	0.9%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.6	48.0	0.4	0.8%
1.2%	46.9	47.3	0.4	0.9%
2.5%	46.8	47.0	0.1	0.3%
3.7%	46.5	47.0	0.5	1.1%
4.9%	46.4	47.0	0.6	1.2%
6.2%	46.4	46.9	0.6	1.2%
7.4%	46.3	46.8	0.5	1.0%
8.6%	46.3	46.8	0.5	1.1%
9.9%	46.2	46.6	0.3	0.7%
11.1%	46.2	46.5	0.3	0.6%
12.3%	46.2	46.3	0.2	0.3%
13.6%	46.2	46.3	0.1	0.3%
14.8%	46.1	46.3	0.2	0.3%
16.0%	46.1	46.3	0.2	0.4%
17.3%	46.1	46.2	0.1	0.3%
18.5%	46.0	46.2	0.2	0.4%
19.8%	45.9	46.1	0.1	0.3%
21.0%	45.9	46.0	0.2	0.4%
22.2%	45.9	46.0	0.2	0.4%
23.5%	45.8	46.0	0.2	0.4%
24.7%	45.8	46.0	0.2	0.5%
25.9%	45.8	46.0	0.2	0.4%
27.2%	45.8	45.9	0.2	0.4%
28.4%	45.7	45.9	0.2	0.4%
29.6%	45.7	45.9	0.2	0.4%
30.9%	45.6	45.9	0.3	0.6%
32.1%	45.6	45.9	0.3	0.6%
33.3%	45.6	45.8	0.3	0.6%
34.6%	45.6	45.8	0.3	0.6%
35.8%	45.6	45.8	0.2	0.4%
37.0%	45.6	45.7	0.2	0.4%
38.3%	45.5	45.7	0.2	0.4%
39.5%	45.5	45.7	0.1	0.3%
40.7%	45.5	45.7	0.2	0.4%
42.0%	45.5	45.6	0.2	0.4%
43.2%	45.4	45.6	0.2	0.5%
44.4%	45.4	45.6	0.2	0.5%
45.7%	45.4	45.6	0.2	0.5%
46.9%	45.3	45.6	0.3	0.6%
48.1%	45.3	45.6	0.3	0.6%
49.4%	45.1	45.6	0.4	1.0%
50.6%	45.1	45.5	0.4	0.9%
51.9%	45.0	45.4	0.4	0.9%
53.1%	45.0	45.4	0.4	0.8%
54.3%	45.0	45.2	0.2	0.4%
55.6%	45.0	45.2	0.2	0.4%
56.8%	44.9	45.1	0.2	0.4%
58.0%	44.9	45.1	0.2	0.4%
59.3%	44.9	45.0	0.2	0.4%
60.5%	44.8	45.0	0.2	0.4%
61.7%	44.8	45.0	0.2	0.4%
63.0%	44.8	45.0	0.1	0.3%
64.2%	44.7	44.9	0.2	0.4%
65.4%	44.7	44.9	0.2	0.4%
66.7%	44.7	44.9	0.1	0.3%
67.9%	44.7	44.8	0.1	0.2%
69.1%	44.7	44.7	0.0	0.1%
70.4%	44.6	44.7	0.1	0.3%
71.6%	44.5	44.7	0.2	0.5%
72.8%	44.4	44.6	0.2	0.4%
74.1%	44.3	44.4	0.1	0.2%
75.3%	44.3	44.4	0.1	0.2%
76.5%	44.1	44.4	0.3	0.7%
77.8%	44.0	44.4	0.3	0.7%
79.0%	44.0	44.3	0.3	0.6%
80.2%	44.0	44.2	0.2	0.4%
81.5%	44.0	44.2	0.1	0.3%
82.7%	44.0	44.1	0.2	0.4%
84.0%	43.9	44.1	0.2	0.4%
85.2%	43.8	44.1	0.3	0.6%
86.4%	43.7	44.0	0.3	0.6%
87.7%	43.7	44.0	0.3	0.6%
88.9%	43.7	43.9	0.2	0.4%
90.1%	43.7	43.8	0.1	0.3%
91.4%	43.7	43.7	0.1	0.2%
92.6%	43.6	43.7	0.0	0.1%
93.8%	43.3	43.6	0.3	0.7%
95.1%	43.3	43.6	0.2	0.5%
96.3%	42.9	43.5	0.5	1.3%
97.5%	42.9	43.0	0.1	0.2%
98.8%	42.9	42.9	0.1	0.2%
100.0%	42.5	42.5	0.0	0.1%

Table SQ-03-3b

Sacramento River at Balls Ferry, Monthly Temperature
Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	48.6	48.5	0.0	-0.1%
1.2%	47.9	48.1	0.1	0.3%
2.5%	47.8	48.0	0.2	0.3%
3.7%	47.8	47.8	0.0	-0.1%
4.9%	47.8	47.8	0.0	0.0%
6.2%	47.6	47.7	0.1	0.2%
7.4%	47.5	47.6	0.1	0.2%
8.6%	47.5	47.4	-0.1	-0.2%
9.9%	47.4	47.4	0.0	0.1%
11.1%	47.3	47.4	0.0	0.1%
12.3%	47.3	47.2	-0.1	-0.2%
13.6%	47.2	47.2	0.0	0.1%
14.8%	47.1	47.1	0.0	0.1%
16.0%	47.0	47.1	0.1	0.1%
17.3%	47.0	47.1	0.1	0.1%
18.5%	46.9	46.9	0.0	0.0%
19.8%	46.8	46.9	0.0	0.1%
21.0%	46.8	46.8	0.0	0.1%
22.2%	46.7	46.7	0.0	0.0%
23.5%	46.7	46.7	0.0	0.0%
24.7%	46.7	46.7	0.0	-0.1%
25.9%	46.6	46.7	0.0	0.0%
27.2%	46.6	46.7	0.0	0.1%
28.4%	46.5	46.6	0.1	0.2%
29.6%	46.5	46.6	0.1	0.3%
30.9%	46.5	46.6	0.1	0.2%
32.1%	46.5	46.6	0.1	0.1%
33.3%	46.4	46.6	0.1	0.3%
34.6%	46.4	46.5	0.1	0.2%
35.8%	46.4	46.5	0.1	0.3%
37.0%	46.3	46.5	0.2	0.4%
38.3%	46.3	46.4	0.1	0.3%
39.5%	46.3	46.4	0.1	0.3%
40.7%	46.3	46.3	0.0	0.0%
42.0%	46.2	46.2	0.0	0.0%
43.2%	46.2	46.2	0.0	0.0%
44.4%	46.2	46.2	-0.1	-0.1%
45.7%	46.2	46.1	-0.1	-0.1%
46.9%	46.2	46.1	0.0	-0.1%
48.1%	46.2	46.1	-0.1	-0.2%
49.4%	46.1	46.1	-0.1	-0.1%
50.6%	46.1	46.1	0.0	0.0%
51.9%	46.0	46.1	0.0	0.1%
53.1%	46.0	46.1	0.1	0.1%
54.3%	46.0	46.0	0.0	0.0%
55.6%	45.9	45.9	0.0	0.0%
56.8%	45.9	45.9	0.0	0.0%
58.0%	45.9	45.9	0.0	0.0%
59.3%	45.9	45.9	0.0	0.1%
60.5%	45.9	45.9	0.0	0.1%
61.7%	45.8	45.9	0.0	0.1%
63.0%	45.8	45.8	0.0	0.0%
64.2%	45.8	45.8	0.0	-0.1%
65.4%	45.8	45.7	0.0	-0.1%
66.7%	45.8	45.7	-0.1	-0.1%
67.9%	45.7	45.7	0.0	0.0%
69.1%	45.5	45.6	0.0	0.1%
70.4%	45.5	45.5	0.1	0.2%
71.6%	45.3	45.3	0.0	0.0%
72.8%	45.3	45.2	-0.1	-0.2%
74.1%	45.1	45.2	0.1	0.1%
75.3%	45.0	45.1	0.1	0.1%
76.5%	45.0	45.1	0.1	0.1%
77.8%	45.0	45.0	0.0	0.1%
79.0%	44.9	45.0	0.1	0.1%
80.2%	44.8	44.9	0.1	0.2%
81.5%	44.8	44.8	0.0	0.1%
82.7%	44.8	44.8	0.0	0.1%
84.0%	44.8	44.8	0.0	0.1%
85.2%	44.7	44.7	0.0	0.0%
86.4%	44.7	44.7	0.0	0.0%
87.7%	44.6	44.7	0.0	0.1%
88.9%	44.6	44.6	0.1	0.1%
90.1%	44.5	44.6	0.1	0.1%
91.4%	44.5	44.5	0.0	0.1%
92.6%	44.4	44.5	0.1	0.2%
93.8%	44.4	44.3	-0.1	-0.1%
95.1%	44.2	44.2	0.0	0.0%
96.3%	44.2	44.2	0.1	0.1%
97.5%	44.1	44.2	0.1	0.2%
98.8%	44.1	44.1	0.0	0.0%
100.0%	43.4	43.4	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	52.3	52.3	0.0	0.0%
1.2%	51.4	51.4	-0.1	-0.1%
2.5%	50.9	50.9	0.0	0.0%
3.7%	50.7	50.8	0.0	0.1%
4.9%	50.7	50.8	0.1	0.1%
6.2%	50.6	50.7	0.2	0.3%
7.4%	50.5	50.7	0.2	0.4%
8.6%	50.5	50.6	0.2	0.3%
9.9%	50.5	50.6	0.1	0.3%
11.1%	50.4	50.6	0.2	0.3%
12.3%	50.4	50.5	0.1	0.2%
13.6%	50.4	50.3	-0.1	-0.1%
14.8%	50.2	50.2	-0.1	-0.1%
16.0%	50.0	50.0	0.0	0.0%
17.3%	49.9	49.9	0.1	0.1%
18.5%	49.9	49.9	0.0	0.0%
19.8%	49.8	49.9	0.0	0.0%
21.0%	49.8	49.8	0.0	0.0%
22.2%	49.7	49.8	0.0	0.1%
23.5%	49.7	49.7	0.0	0.0%
24.7%	49.7	49.7	0.0	-0.1%
25.9%	49.6	49.7	0.0	0.1%
27.2%	49.5	49.6	0.1	0.1%
28.4%	49.4	49.6	0.2	0.4%
29.6%	49.4	49.4	0.0	0.1%
30.9%	49.4	49.4	0.0	0.1%
32.1%	49.3	49.4	0.1	0.2%
33.3%	49.3	49.3	0.1	0.2%
34.6%	49.2	49.3	0.1	0.3%
35.8%	49.1	49.2	0.1	0.3%
37.0%	49.1	49.2	0.1	0.2%
38.3%	48.9	49.2	0.2	0.5%
39.5%	48.9	49.1	0.2	0.4%
40.7%	48.9	49.1	0.2	0.4%
42.0%	48.9	49.0	0.1	0.1%
43.2%	48.9	48.9	0.1	0.1%
44.4%	48.9	48.9	0.0	0.0%
45.7%	48.8	48.9	0.0	0.1%
46.9%	48.8	48.9	0.1	0.2%
48.1%	48.8	48.9	0.1	0.2%
49.4%	48.7	48.8	0.1	0.1%
50.6%	48.7	48.7	0.0	0.1%
51.9%	48.7	48.7	0.0	0.1%
53.1%	48.6	48.7	0.1	0.1%
54.3%	48.6	48.7	0.1	0.2%
55.6%	48.5	48.7	0.1	0.3%
56.8%	48.5	48.6	0.1	0.2%
58.0%	48.5	48.6	0.1	0.2%
59.3%	48.5	48.5	0.1	0.1%
60.5%	48.5	48.5	0.1	0.1%
61.7%	48.3	48.5	0.2	0.4%
63.0%	48.2	48.3	0.1	0.2%
64.2%	48.2	48.2	0.0	-0.1%
65.4%	48.2	48.2	0.0	0.0%
66.7%	48.2	48.1	0.0	-0.1%
67.9%	48.1	48.1	-0.1	-0.1%
69.1%	48.0	48.0	0.0	0.0%
70.4%	47.8	47.9	0.0	0.1%
71.6%	47.8	47.8	0.0	0.1%
72.8%	47.7	47.8	0.0	0.1%
74.1%	47.7	47.7	0.0	0.0%
75.3%	47.5	47.7	0.2	0.3%
76.5%	47.5	47.7	0.2	0.4%
77.8%	47.4	47.4	0.0	0.0%
79.0%	47.3	47.4	0.0	0.0%
80.2%	47.3	47.3	0.0	0.1%
81.5%	47.3	47.3	0.0	0.1%
82.7%	47.2	47.3	0.1	0.1%
84.0%	47.2	47.2	0.0	0.0%
85.2%	47.2	47.2	0.0	0.0%
86.4%	47.1	47.1	-0.1	-0.2%
87.7%	47.0	47.1	0.0	0.0%
88.9%	47.0	47.0	0.0	0.1%
90.1%	47.0	47.0	0.0	0.1%
91.4%	46.9	47.0	0.2	0.3%
92.6%	46.8	46.8	0.0	0.0%
93.8%	46.8	46.8	0.0	0.0%
95.1%	46.5	46.5	0.0	0.0%
96.3%	46.4	46.4	0.0	0.1%
97.5%	46.1	46.2	0.1	0.1%
98.8%	46.1	46.1	0.1	0.1%
100.0%	45.6	45.6	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.6	55.7	1.1	2.0%
1.2%	54.2	55.2	1.0	1.9%
2.5%	54.2	54.1	0.0	0.0%
3.7%	54.1	54.1	0.0	0.0%
4.9%	54.1	54.1	-0.1	-0.1%
6.2%	54.1	54.1	0.0	-0.1%
7.4%	53.8	54.0	0.2	0.4%
8.6%	53.8	54.0	0.2	0.4%
9.9%	53.7	53.8	0.1	0.1%
11.1%	53.3	53.8	0.5	0.9%
12.3%	53.2	53.7	0.5	0.9%
13.6%	53.2	53.5	0.4	0.7%
14.8%	53.1	53.5	0.4	0.8%
16.0%	52.9	53.3	0.4	0.7%
17.3%	52.8	53.3	0.5	0.9%
18.5%	52.8	53.3	0.5	1.0%
19.8%	52.6	53.3	0.7	1.3%
21.0%	52.5	53.2	0.7	1.3%
22.2%	52.5	53.2	0.7	1.3%
23.5%	52.5	53.0	0.5	0.9%
24.7%	52.4	52.9	0.5	0.9%
25.9%	52.3	52.7	0.4	0.8%
27.2%	52.3	52.7	0.3	0.6%
28.4%	52.3	52.5	0.2	0.4%
29.6%	52.2	52.5	0.3	0.6%
30.9%	52.1	52.5	0.4	0.7%
32.1%	52.1	52.5	0.4	0.7%
33.3%	52.1	52.4	0.4	0.7%
34.6%	52.0	52.4	0.3	0.6%
35.8%	51.9	52.3	0.4	0.7%
37.0%	51.9	52.3	0.4	0.7%
38.3%	51.9	52.3	0.4	0.7%
39.5%	51.9	52.2	0.3	0.7%
40.7%	51.9	52.2	0.3	0.6%
42.0%	51.7	52.1	0.4	0.8%
43.2%	51.7	52.1	0.4	0.7%
44.4%	51.6	52.1	0.4	0.8%
45.7%	51.6	52.0	0.4	0.8%
46.9%	51.5	52.0	0.5	1.0%
48.1%	51.5	52.0	0.5	1.0%
49.4%	51.4	52.0	0.5	1.0%
50.6%	51.4	51.9	0.5	1.0%
51.9%	51.4	51.9	0.5	1.0%
53.1%	51.4	51.9	0.5	0.9%
54.3%	51.4	51.9	0.5	0.9%
55.6%	51.3	51.8	0.5	1.0%
56.8%	51.3	51.8	0.5	1.0%
58.0%	51.2	51.8	0.5	1.0%
59.3%	51.2	51.6	0.4	0.8%
60.5%	51.2	51.6	0.4	0.8%
61.7%	51.1	51.5	0.4	0.7%
63.0%	51.1	51.5	0.4	0.8%
64.2%	51.1	51.4	0.4	0.8%
65.4%	50.9	51.4	0.5	1.0%
66.7%	50.9	51.3	0.5	1.0%
67.9%	50.8	51.3	0.5	1.0%
69.1%	50.8	51.3	0.5	0.9%
70.4%	50.6	51.3	0.6	1.2%
71.6%	50.6	51.3	0.6	1.2%
72.8%	50.6	51.2	0.7	1.3%
74.1%	50.4	51.2	0.8	1.6%
75.3%	50.4	51.2	0.8	1.5%
76.5%	50.4	51.1	0.7	1.4%
77.8%	50.3	51.0	0.8	1.5%
79.0%	50.2	50.7	0.5	0.9%
80.2%	50.2	50.6	0.4	0.9%
81.5%	50.1	50.5	0.4	0.9%
82.7%	50.0	50.5	0.5	1.0%
84.0%	50.0	50.4	0.4	0.8%
85.2%	49.9	50.1	0.2	0.5%
86.4%	49.8	50.1	0.3	0.6%
87.7%	49.6	50.1	0.4	0.9%
88.9%	49.6	50.1	0.5	1.0%
90.1%	49.3	50.0	0.7	1.4%
91.4%	49.3	50.0	0.7	1.4%
92.6%	49.2	49.8	0.6	1.2%
93.8%	49.2	49.8	0.7	1.3%
95.1%	49.1	49.2	0.1	0.2%
96.3%	48.9	49.2	0.3	0.5%
97.5%	48.8	48.9	0.1	0.1%
98.8%	48.7	48.7	0.0	0.0%
100.0%	47.8	47.8	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	57.2	56.9	-0.3	-0.5%
1.2%	56.8	56.9	0.2	0.3%
2.5%	56.7	56.4	-0.3	-0.5%
3.7%	56.3	56.2	-0.1	-0.1%
4.9%	56.1	56.1	0.0	0.0%
6.2%	56.0	55.5	-0.5	-0.9%
7.4%	55.8	55.2	-0.7	-1.2%
8.6%	55.8	54.8	-1.0	-1.8%
9.9%	55.8	54.8	-1.0	-1.8%
11.1%	55.7	54.6	-1.0	-1.8%
12.3%	55.4	54.6	-0.8	-1.5%
13.6%	55.3	54.5	-0.8	-1.4%
14.8%	55.2	54.5	-0.7	-1.3%
16.0%	55.1	54.4	-0.6	-1.1%
17.3%	55.0	54.4	-0.6	-1.1%
18.5%	54.9	54.4	-0.5	-1.0%
19.8%	54.9	54.4	-0.5	-1.0%
21.0%	54.7	54.4	-0.3	-0.6%
22.2%	54.7	54.3	-0.3	-0.6%
23.5%	54.5	54.3	-0.2	-0.4%
24.7%	54.4	54.3	-0.1	-0.2%
25.9%	54.4	54.2	-0.1	-0.3%
27.2%	54.3	54.2	-0.1	-0.2%
28.4%	54.3	54.2	-0.1	-0.2%
29.6%	54.2	54.1	-0.1	-0.2%
30.9%	54.2	54.1	-0.1	-0.2%
32.1%	54.2	54.1	-0.1	-0.2%
33.3%	54.1	54.0	-0.1	-0.1%
34.6%	54.1	53.9	-0.1	-0.2%
35.8%	54.0	53.9	-0.2	-0.3%
37.0%	54.0	53.8	-0.2	-0.3%
38.3%	53.9	53.8	-0.1	-0.2%
39.5%	53.7	53.7	0.1	0.1%
40.7%	53.6	53.7	0.1	0.2%
42.0%	53.6	53.7	0.1	0.2%
43.2%	53.5	53.5	0.0	0.1%
44.4%	53.5	53.4	-0.1	-0.1%
45.7%	53.4	53.4	0.0	0.0%
46.9%	53.3	53.4	0.0	0.0%
48.1%	53.3	53.3	0.0	0.0%
49.4%	53.3	53.3	0.0	0.1%
50.6%	53.2	53.3	0.0	0.1%
51.9%	53.1	53.3	0.1	0.3%
53.1%	53.1	53.3	0.2	0.3%
54.3%	53.0	53.2	0.1	0.3%
55.6%	52.9	53.1	0.2	0.4%
56.8%	52.9	53.1	0.2	0.4%
58.0%	52.9	53.1	0.2	0.5%
59.3%	52.8	53.0	0.2	0.4%
60.5%	52.8	53.0	0.2	0.4%
61.7%	52.7	52.9	0.1	0.3%
63.0%	52.7	52.8	0.1	0.2%
64.2%	52.6	52.8	0.1	0.3%
65.4%	52.6	52.8	0.1	0.3%
66.7%	52.6	52.8	0.2	0.3%
67.9%	52.6	52.7	0.2	0.3%
69.1%	52.5	52.6	0.1	0.2%
70.4%	52.4	52.5	0.2	0.3%
71.6%	52.3	52.5	0.2	0.5%
72.8%	52.3	52.5	0.3	0.5%
74.1%	52.1	52.5	0.3	0.6%
75.3%	52.1	52.3	0.2	0.4%
76.5%	52.1	52.2	0.2	0.3%
77.8%	52.0	52.2	0.2	0.4%
79.0%	51.9	52.2	0.3	0.6%
80.2%	51.8	52.2	0.3	0.6%
81.5%	51.8	52.1	0.3	0.7%
82.7%	51.6	52.0	0.4	0.7%
84.0%	51.5	51.9	0.4	0.7%
85.2%	51.5	51.9	0.4	0.8%
86.4%	51.4	51.6	0.2	0.3%
87.7%	51.4	51.5	0.1	0.2%
88.9%	51.4	51.5	0.1	0.2%
90.1%	51.4	51.3	-0.1	-0.2%
91.4%	51.3	51.3	0.0	-0.1%
92.6%	51.2	51.3	0.0	0.0%
93.8%	51.1	51.2	0.1	0.2%
95.1%	51.1	51.1	0.0	0.0%
96.3%	51.0	51.1	0.1	0.2%
97.5%	50.6	50.9	0.3	0.6%
98.8%	50.5	50.4	-0.1	-0.2%
100.0%	50.4	50.3	0.0	-0.1%

Table SQ-03-3b

Sacramento River at Balls Ferry, Monthly Temperature

Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	58.1	57.4	-0.7	-1.1%
1.2%	57.7	57.3	-0.3	-0.6%
2.5%	56.6	56.4	-0.2	-0.4%
3.7%	56.6	56.3	-0.3	-0.5%
4.9%	56.5	56.1	-0.4	-0.8%
6.2%	55.7	55.6	-0.1	-0.2%
7.4%	55.5	55.5	0.0	0.0%
8.6%	55.5	55.5	0.0	0.0%
9.9%	55.0	55.2	0.2	0.3%
11.1%	54.9	54.9	0.1	0.1%
12.3%	54.7	54.8	0.1	0.2%
13.6%	54.4	54.5	0.1	0.2%
14.8%	54.4	54.4	0.1	0.1%
16.0%	54.4	54.4	0.1	0.1%
17.3%	54.3	54.4	0.0	0.1%
18.5%	54.1	54.0	-0.1	-0.2%
19.8%	54.1	54.0	-0.1	-0.2%
21.0%	54.0	53.9	0.0	-0.1%
22.2%	53.9	53.9	-0.1	-0.1%
23.5%	53.9	53.9	-0.1	-0.1%
24.7%	53.9	53.9	-0.1	-0.1%
25.9%	53.9	53.8	-0.1	-0.1%
27.2%	53.8	53.7	-0.1	-0.2%
28.4%	53.8	53.7	-0.1	-0.1%
29.6%	53.7	53.7	0.0	-0.1%
30.9%	53.7	53.7	0.0	0.0%
32.1%	53.7	53.6	-0.1	-0.2%
33.3%	53.6	53.6	0.0	-0.1%
34.6%	53.6	53.5	-0.1	-0.2%
35.8%	53.5	53.5	-0.1	-0.1%
37.0%	53.5	53.4	-0.1	-0.1%
38.3%	53.5	53.4	-0.1	-0.2%
39.5%	53.5	53.4	-0.1	-0.2%
40.7%	53.4	53.3	0.0	0.0%
42.0%	53.4	53.3	0.0	0.0%
43.2%	53.3	53.3	0.0	0.0%
44.4%	53.3	53.3	0.0	0.0%
45.7%	53.3	53.3	0.0	0.0%
46.9%	53.2	53.3	0.0	0.1%
48.1%	53.1	53.3	0.1	0.2%
49.4%	53.1	53.2	0.1	0.1%
50.6%	53.1	53.2	0.1	0.1%
51.9%	53.1	53.2	0.1	0.1%
53.1%	53.1	53.2	0.0	0.1%
54.3%	53.1	53.2	0.1	0.1%
55.6%	53.1	53.1	0.0	0.1%
56.8%	53.1	53.1	0.0	0.1%
58.0%	53.0	53.1	0.0	0.1%
59.3%	53.0	53.0	0.0	0.0%
60.5%	53.0	53.0	0.0	0.0%
61.7%	53.0	53.0	0.0	0.0%
63.0%	53.0	53.0	0.0	0.0%
64.2%	53.0	53.0	0.0	0.0%
65.4%	52.9	52.9	0.0	0.0%
66.7%	52.9	52.9	0.1	0.1%
67.9%	52.8	52.8	0.1	0.1%
69.1%	52.7	52.7	0.0	0.0%
70.4%	52.7	52.7	0.0	0.0%
71.6%	52.7	52.7	0.0	0.0%
72.8%	52.6	52.7	0.1	0.1%
74.1%	52.6	52.7	0.1	0.1%
75.3%	52.6	52.7	0.1	0.2%
76.5%	52.5	52.6	0.1	0.2%
77.8%	52.5	52.6	0.1	0.1%
79.0%	52.5	52.6	0.1	0.1%
80.2%	52.5	52.6	0.0	0.1%
81.5%	52.5	52.5	0.1	0.1%
82.7%	52.4	52.5	0.2	0.3%
84.0%	52.3	52.4	0.1	0.2%
85.2%	52.3	52.3	0.0	0.1%
86.4%	52.2	52.2	0.0	0.1%
87.7%	51.9	52.1	0.2	0.3%
88.9%	51.9	52.1	0.1	0.2%
90.1%	51.9	52.1	0.2	0.4%
91.4%	51.8	52.0	0.1	0.2%
92.6%	51.8	51.9	0.1	0.1%
93.8%	51.7	51.9	0.2	0.4%
95.1%	51.7	51.7	0.0	0.0%
96.3%	51.5	51.6	0.1	0.2%
97.5%	51.3	51.5	0.2	0.4%
98.8%	51.2	51.5	0.2	0.4%
100.0%	51.1	51.2	0.1	0.2%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	61.2	59.9	-1.3	-2.1%
1.2%	58.7	58.7	0.0	0.0%
2.5%	58.7	58.2	-0.4	-0.7%
3.7%	58.5	58.2	-0.3	-0.5%
4.9%	58.2	58.0	-0.2	-0.4%
6.2%	58.1	57.8	-0.3	-0.5%
7.4%	58.1	57.6	-0.5	-0.9%
8.6%	57.8	57.2	-0.6	-1.1%
9.9%	56.9	56.6	-0.2	-0.4%
11.1%	56.5	56.6	0.1	0.2%
12.3%	56.4	55.7	-0.7	-1.2%
13.6%	56.1	55.7	-0.4	-0.8%
14.8%	55.7	55.4	-0.3	-0.6%
16.0%	55.7	55.2	-0.4	-0.8%
17.3%	55.0	55.2	0.2	0.3%
18.5%	55.0	55.0	0.0	-0.1%
19.8%	55.0	55.0	0.0	-0.1%
21.0%	55.0	54.7	-0.2	-0.4%
22.2%	54.7	54.7	0.0	-0.1%
23.5%	54.7	54.7	0.0	0.0%
24.7%	54.6	54.7	0.1	0.1%
25.9%	54.5	54.7	0.1	0.2%
27.2%	54.5	54.6	0.1	0.1%
28.4%	54.5	54.5	0.0	-0.1%
29.6%	54.5	54.5	0.0	0.0%
30.9%	54.4	54.4	0.0	0.1%
32.1%	54.3	54.4	0.1	0.1%
33.3%	54.3	54.4	0.1	0.1%
34.6%	54.3	54.3	-0.1	-0.1%
35.8%	54.3	54.2	-0.1	-0.1%
37.0%	54.3	54.2	-0.1	-0.2%
38.3%	54.3	54.2	-0.1	-0.2%
39.5%	54.3	54.2	-0.1	-0.2%
40.7%	54.2	54.1	-0.1	-0.1%
42.0%	54.1	54.1	0.0	0.0%
43.2%	54.1	54.0	0.0	0.0%
44.4%	54.0	54.0	-0.1	-0.1%
45.7%	53.9	53.9	-0.1	-0.1%
46.9%	53.9	53.9	0.0	-0.1%
48.1%	53.8	53.9	0.0	0.1%
49.4%	53.8	53.8	0.1	0.1%
50.6%	53.7	53.8	0.1	0.1%
51.9%	53.7	53.8	0.1	0.2%
53.1%	53.6	53.7	0.1	0.2%
54.3%	53.6	53.7	0.1	0.2%
55.6%	53.5	53.6	0.2	0.3%
56.8%	53.4	53.5	0.1	0.2%
58.0%	53.4	53.5	0.1	0.2%
59.3%	53.4	53.5	0.1	0.2%
60.5%	53.3	53.5	0.1	0.3%
61.7%	53.3	53.5	0.2	0.4%
63.0%	53.3	53.4	0.2	0.3%
64.2%	53.2	53.4	0.2	0.3%
65.4%	53.2	53.4	0.1	0.3%
66.7%	53.2	53.4	0.1	0.2%
67.9%	53.2	53.3	0.1	0.2%
69.1%	53.2	53.3	0.1	0.2%
70.4%	53.2	53.3	0.1	0.2%
71.6%	53.2	53.2	0.1	0.2%
72.8%	53.1	53.2	0.1	0.2%
74.1%	53.1	53.2	0.1	0.2%
75.3%	53.1	53.2	0.1	0.2%
76.5%	53.0	53.2	0.2	0.3%
77.8%	53.0	53.2	0.1	0.3%
79.0%	53.0	53.2	0.2	0.3%
80.2%	53.0	53.1	0.1	0.2%
81.5%	53.0	53.0	0.1	0.1%
82.7%	52.9	53.0	0.1	0.2%
84.0%	52.9	53.0	0.1	0.2%
85.2%	52.9	53.0	0.1	0.2%
86.4%	52.9	53.0	0.1	0.1%
87.7%	52.9	52.9	0.0	0.0%
88.9%	52.9	52.9	0.0	0.0%
90.1%	52.7	52.8	0.1	0.2%
91.4%	52.7	52.8	0.1	0.2%
92.6%	52.6	52.8	0.2	0.4%
93.8%	52.4	52.5	0.1	0.2%
95.1%	52.4	52.4	0.1	0.1%
96.3%	52.3	52.4	0.0	0.1%
97.5%	52.1	52.2	0.1	0.1%
98.8%	52.1	52.0	-0.1	-0.1%
100.0%	52.0	52.0	0.0	0.0%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.0	64.7	-1.3	-2.0%
1.2%	65.2	63.5	-1.8	-2.7%
2.5%	64.5	62.6	-1.8	-2.9%
3.7%	63.1	58.5	-4.6	-7.4%
4.9%	60.2	57.2	-2.9	-4.9%
6.2%	59.0	56.7	-2.2	-3.7%
7.4%	58.6	56.7	-1.8	-3.2%
8.6%	57.7	56.6	-1.1	-1.9%
9.9%	57.2	56.5	-0.7	-1.3%
11.1%	57.0	56.4	-0.6	-1.0%
12.3%	56.8	56.2	-0.6	-1.0%
13.6%	56.8	56.2	-0.6	-1.0%
14.8%	56.7	56.2	-0.6	-1.0%
16.0%	56.0	56.0	0.0	0.0%
17.3%	55.9	55.9	0.0	0.0%
18.5%	55.8	55.9	0.0	0.1%
19.8%	55.8	55.8	0.0	0.1%
21.0%	55.7	55.7	0.0	0.0%
22.2%	55.7	55.7	0.0	0.1%
23.5%	55.7	55.7	0.0	0.0%
24.7%	55.7	55.6	0.0	-0.1%
25.9%	55.6	55.6	0.0	-0.1%
27.2%	55.6	55.6	0.0	-0.1%
28.4%	55.6	55.3	-0.2	-0.4%
29.6%	55.6	55.2	-0.4	-0.7%
30.9%	55.4	55.1	-0.3	-0.5%
32.1%	55.4	55.0	-0.4	-0.7%
33.3%	55.4	55.0	-0.4	-0.7%
34.6%	55.4	55.0	-0.4	-0.7%
35.8%	55.3	54.9	-0.4	-0.8%
37.0%	55.3	54.9	-0.5	-0.9%
38.3%	55.3	54.9	-0.5	-0.8%
39.5%	55.1	54.8	-0.2	-0.4%
40.7%	54.9	54.8	-0.1	-0.2%
42.0%	54.9	54.8	-0.1	-0.1%
43.2%	54.9	54.8	0.0	-0.1%
44.4%	54.9	54.8	0.0	-0.1%
45.7%	54.8	54.8	0.0	-0.1%
46.9%	54.8	54.7	-0.1	-0.2%
48.1%	54.8	54.7	-0.1	-0.2%
49.4%	54.8	54.7	-0.1	-0.2%
50.6%	54.7	54.7	-0.1	-0.1%
51.9%	54.7	54.7	-0.1	-0.1%
53.1%	54.7	54.6	-0.2	-0.3%
54.3%	54.6	54.6	-0.1	-0.1%
55.6%	54.6	54.5	-0.1	-0.2%
56.8%	54.6	54.5	-0.1	-0.2%
58.0%	54.6	54.5	-0.1	-0.2%
59.3%	54.6	54.4	-0.1	-0.2%
60.5%	54.5	54.4	-0.1	-0.2%
61.7%	54.5	54.4	-0.1	-0.2%
63.0%	54.5	54.4	0.0	-0.1%
64.2%	54.4	54.4	0.0	0.0%
65.4%	54.3	54.4	0.0	0.1%
66.7%	54.3	54.3	0.0	0.0%
67.9%	54.3	54.3	0.0	-0.1%
69.1%	54.3	54.2	0.0	-0.1%
70.4%	54.3	54.2	0.0	-0.1%
71.6%	54.3	54.2	-0.1	-0.1%
72.8%	54.2	54.2	-0.1	-0.1%
74.1%	54.2	54.2	0.0	-0.1%
75.3%	54.2	54.2	-0.1	-0.1%
76.5%	54.2	54.1	-0.1	-0.1%
77.8%	54.2	54.1	-0.1	-0.2%
79.0%	54.0	54.1	0.1	0.2%
80.2%	53.9	54.1	0.1	0.3%
81.5%	53.9	54.0	0.1	0.1%
82.7%	53.9	53.9	0.0	0.1%
84.0%	53.8	53.9	0.0	0.1%
85.2%	53.8	53.9	0.1	0.1%
86.4%	53.7	53.9	0.1	0.2%
87.7%	53.7	53.9	0.1	0.2%
88.9%	53.6	53.8	0.3	0.5%
90.1%	53.5	53.7	0.2	0.4%
91.4%	53.5	53.6	0.1	0.3%
92.6%	53.4	53.4	0.0	0.0%
93.8%	53.4	53.4	0.1	0.1%
95.1%	53.1	53.3	0.2	0.4%
96.3%	53.1	53.1	0.0	0.1%
97.5%	52.8	53.0	0.3	0.5%
98.8%	52.7	52.9	0.1	0.2%
100.0%	52.5	52.7	0.2	0.3%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.8	65.5	-1.4	-2.0%
1.2%	65.0	63.9	-1.1	-1.6%
2.5%	64.9	62.9	-2.0	-3.1%
3.7%	64.9	62.8	-2.1	-3.3%
4.9%	63.9	62.4	-1.5	-2.4%
6.2%	63.5	62.0	-1.5	-2.4%
7.4%	63.4	61.6	-1.7	-2.7%
8.6%	60.9	60.0	-0.9	-1.5%
9.9%	60.6	59.2	-1.3	-2.2%
11.1%	59.3	58.8	-0.5	-0.8%
12.3%	59.3	58.7	-0.6	-1.0%
13.6%	58.9	58.4	-0.5	-0.9%
14.8%	58.9	58.1	-0.9	-1.5%
16.0%	58.9	58.1	-0.8	-1.4%
17.3%	58.3	58.0	-0.4	-0.7%
18.5%	58.3	57.6	-0.7	-1.2%
19.8%	58.2	57.5	-0.6	-1.1%
21.0%	58.1	57.2	-1.0	-1.7%
22.2%	57.8	57.1	-0.7	-1.3%
23.5%	57.8	57.0	-0.8	-1.4%
24.7%	57.4	57.0	-0.4	-0.8%
25.9%	57.2	56.6	-0.6	-1.0%
27.2%	57.1	56.6	-0.5	-0.9%
28.4%	57.0	56.6	-0.4	-0.8%
29.6%	56.9	56.5	-0.4	-0.7%
30.9%	56.9	56.5	-0.4	-0.8%
32.1%	56.9	56.4	-0.5	-0.8%
33.3%	56.8	56.4	-0.4	-0.8%
34.6%	56.6	56.3	-0.3	-0.5%
35.8%	56.6	56.3	-0.3	-0.5%
37.0%	56.5	56.2	-0.3	-0.5%
38.3%	56.5	56.2	-0.3	-0.6%
39.5%	56.5	56.1	-0.4	-0.7%
40.7%	56.4	56.1	-0.4	-0.7%
42.0%	56.3	55.9	-0.4	-0.7%
43.2%	56.3	55.9	-0.4	-0.7%
44.4%	56.3	55.9	-0.4	-0.7%
45.7%	56.2	55.8	-0.5	-0.8%
46.9%	56.2	55.6	-0.6	-1.1%
48.1%	56.2	55.5	-0.7	-1.2%
49.4%	56.2	55.5	-0.7	-1.2%
50.6%	56.1	55.5	-0.6	-1.0%
51.9%	56.1	55.5	-0.6	-1.0%
53.1%	55.7	55.5	-0.3	-0.5%
54.3%	55.7	55.4	-0.3	-0.6%
55.6%	55.6	55.4	-0.2	-0.4%
56.8%	55.4	55.3	-0.2	-0.3%
58.0%	55.3	55.2	-0.1	-0.3%
59.3%	55.3	55.2	-0.1	-0.3%
60.5%	55.3	55.0	-0.3	-0.5%
61.7%	55.3	54.9	-0.3	-0.6%
63.0%	55.2	54.9	-0.4	-0.7%
64.2%	55.1	54.8	-0.3	-0.5%
65.4%	55.0	54.8	-0.2	-0.4%
66.7%	55.0	54.7	-0.3	-0.5%
67.9%	54.9	54.7	-0.2	-0.4%
69.1%	54.9	54.6	-0.2	-0.4%
70.4%	54.8	54.6	-0.2	-0.4%
71.6%	54.8	54.5	-0.3	-0.5%
72.8%	54.7	54.5	-0.2	-0.4%
74.1%	54.7	54.5	-0.2	-0.3%
75.3%	54.6	54.5	-0.1	-0.2%
76.5%	54.5	54.4	-0.1	-0.3%
77.8%	54.5	54.4	-0.2	-0.3%
79.0%	54.5	54.4	-0.2	-0.3%
80.2%	54.5	54.3	-0.2	-0.4%
81.5%	54.4	54.2	-0.2	-0.4%
82.7%	54.4	54.2	-0.2	-0.3%
84.0%	54.3	54.1	-0.1	-0.2%
85.2%	54.2	54.0	-0.2	-0.3%
86.4%	54.1	54.0	-0.1	-0.3%
87.7%	54.1	54.0	-0.1	-0.2%
88.9%	54.0	53.7	-0.4	-0.7%
90.1%	54.0	53.6	-0.4	-0.7%
91.4%	53.9	53.5	-0.5	-0.9%
92.6%	53.8	53.4	-0.4	-0.7%
93.8%	53.6	53.3	-0.3	-0.5%
95.1%	53.4	53.2	-0.2	-0.3%
96.3%	53.4	53.2	-0.2	-0.3%
97.5%	53.0	53.0	0.1	0.1%
98.8%	52.0	52.1	0.1	0.3%
100.0%	51.9	52.0	0.1	0.2%

Table SQ-04-3a

Sacramento River at Jellys Ferry, Monthly Temperature

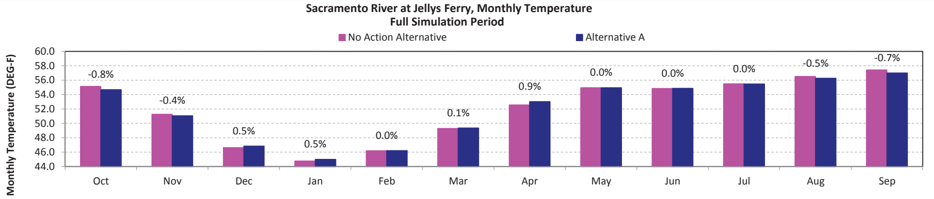
Long-term Average and Average by Water Year Type

Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	55.1	51.3	46.6	44.8	46.2	49.3	52.6	54.9	54.8	55.5	56.5	57.4
Alternative A	54.7	51.1	46.9	45.0	46.2	49.3	53.0	55.0	54.9	55.5	56.3	57.0
Difference	-0.5	-0.2	0.2	0.2	0.0	0.0	0.5	0.0	0.0	0.0	-0.3	-0.4
Percent Difference[3]	-0.8%	-0.4%	0.5%	0.5%	0.0%	0.1%	0.9%	0.0%	0.0%	0.0%	-0.5%	-0.7%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	54.5	51.7	46.7	44.8	45.9	48.4	51.8	54.8	54.8	55.5	55.8	55.3
Alternative A	54.4	51.5	47.1	44.9	45.9	48.4	51.9	54.6	54.7	55.6	56.0	55.2
Difference	-0.2	-0.2	0.4	0.1	0.0	0.0	0.1	-0.2	-0.1	0.1	0.1	-0.1
Percent Difference	-0.3%	-0.4%	0.8%	0.3%	0.0%	0.1%	0.3%	-0.4%	-0.3%	0.2%	0.2%	-0.2%
Above Normal (15%)												
No Action Alternative	54.1	51.0	47.1	45.0	46.3	49.5	53.0	55.5	54.0	54.4	56.0	56.3
Alternative A	53.7	50.9	47.5	45.2	46.3	49.6	53.3	55.2	54.2	54.6	56.0	56.3
Difference	-0.4	-0.1	0.4	0.2	0.0	0.0	0.3	-0.3	0.2	0.2	0.1	0.0
Percent Difference	-0.7%	-0.3%	0.8%	0.4%	0.0%	0.1%	0.5%	-0.5%	0.4%	0.3%	0.1%	0.0%
Below Normal (17%)												
No Action Alternative	53.8	50.7	46.9	44.6	45.9	49.2	53.0	55.0	54.4	54.7	55.5	57.0
Alternative A	53.3	50.5	47.0	44.8	45.9	49.2	53.6	55.1	54.5	54.8	55.5	56.6
Difference	-0.5	-0.2	0.1	0.2	0.0	0.0	0.6	0.2	0.1	0.1	0.0	-0.5
Percent Difference	-0.9%	-0.4%	0.2%	0.4%	0.0%	0.0%	1.1%	0.3%	0.2%	0.1%	0.0%	-0.8%
Dry (22%)												
No Action Alternative	55.4	51.4	46.6	44.7	46.4	50.0	53.0	54.5	54.8	55.0	56.4	58.4
Alternative A	54.7	51.1	46.6	45.1	46.4	50.0	53.7	54.8	54.9	54.9	56.0	57.8
Difference	-0.7	-0.3	0.0	0.3	0.0	0.1	0.7	0.3	0.1	0.0	-0.4	-0.5
Percent Difference	-1.2%	-0.6%	0.0%	0.8%	0.0%	0.1%	1.4%	0.5%	0.2%	-0.1%	-0.6%	-0.9%
Critical (15%)												
No Action Alternative	58.7	51.2	45.8	44.7	46.9	50.2	52.6	55.3	56.4	58.3	60.0	62.1
Alternative A	57.8	50.9	46.0	45.0	47.0	50.3	53.4	55.6	56.3	57.8	58.4	60.9
Difference	-0.8	-0.3	0.2	0.2	0.1	0.1	0.8	0.2	-0.1	-0.5	-1.6	-1.2
Percent Difference	-1.4%	-0.5%	0.4%	0.5%	0.2%	0.2%	1.5%	0.4%	-0.1%	-0.9%	-2.7%	-1.9%

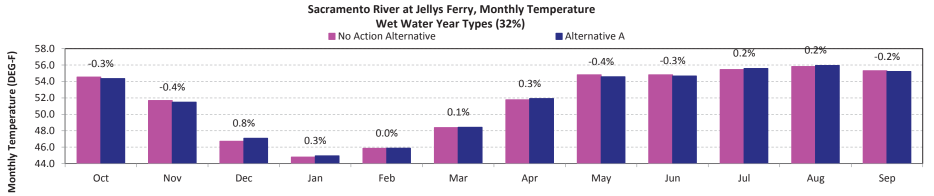
1 Based on the 82-year simulation period

2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

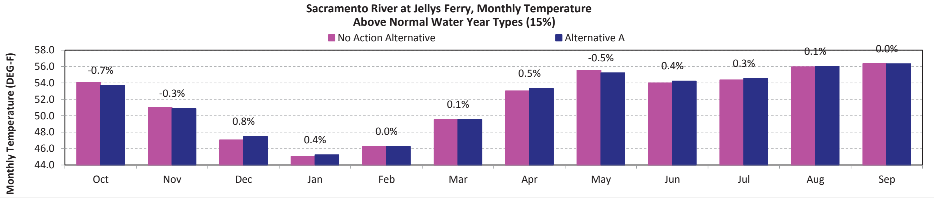
3 Relative difference of the monthly average



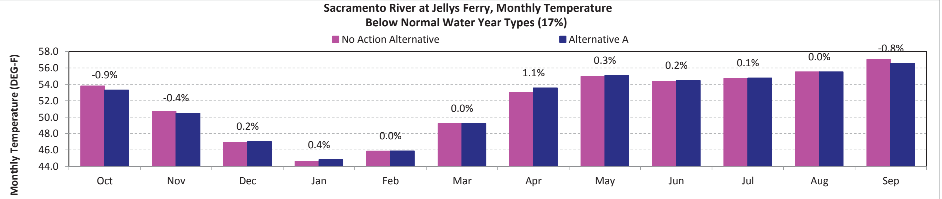
Sacramento River at Jellys Ferry, Monthly Temperature
Full Simulation Period



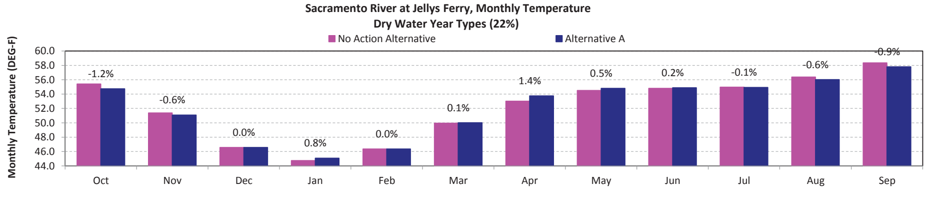
Sacramento River at Jellys Ferry, Monthly Temperature
Wet Water Year Types (32%)



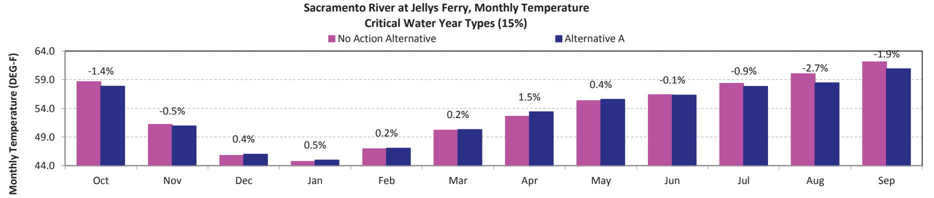
Sacramento River at Jellys Ferry, Monthly Temperature
Above Normal Water Year Types (15%)



Sacramento River at Jellys Ferry, Monthly Temperature
Below Normal Water Year Types (17%)



Sacramento River at Jellys Ferry, Monthly Temperature
Dry Water Year Types (22%)



Sacramento River at Jellys Ferry, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-04-3b
Sacramento River at Jellys Ferry, Monthly Temperature
Probability of Exceedance

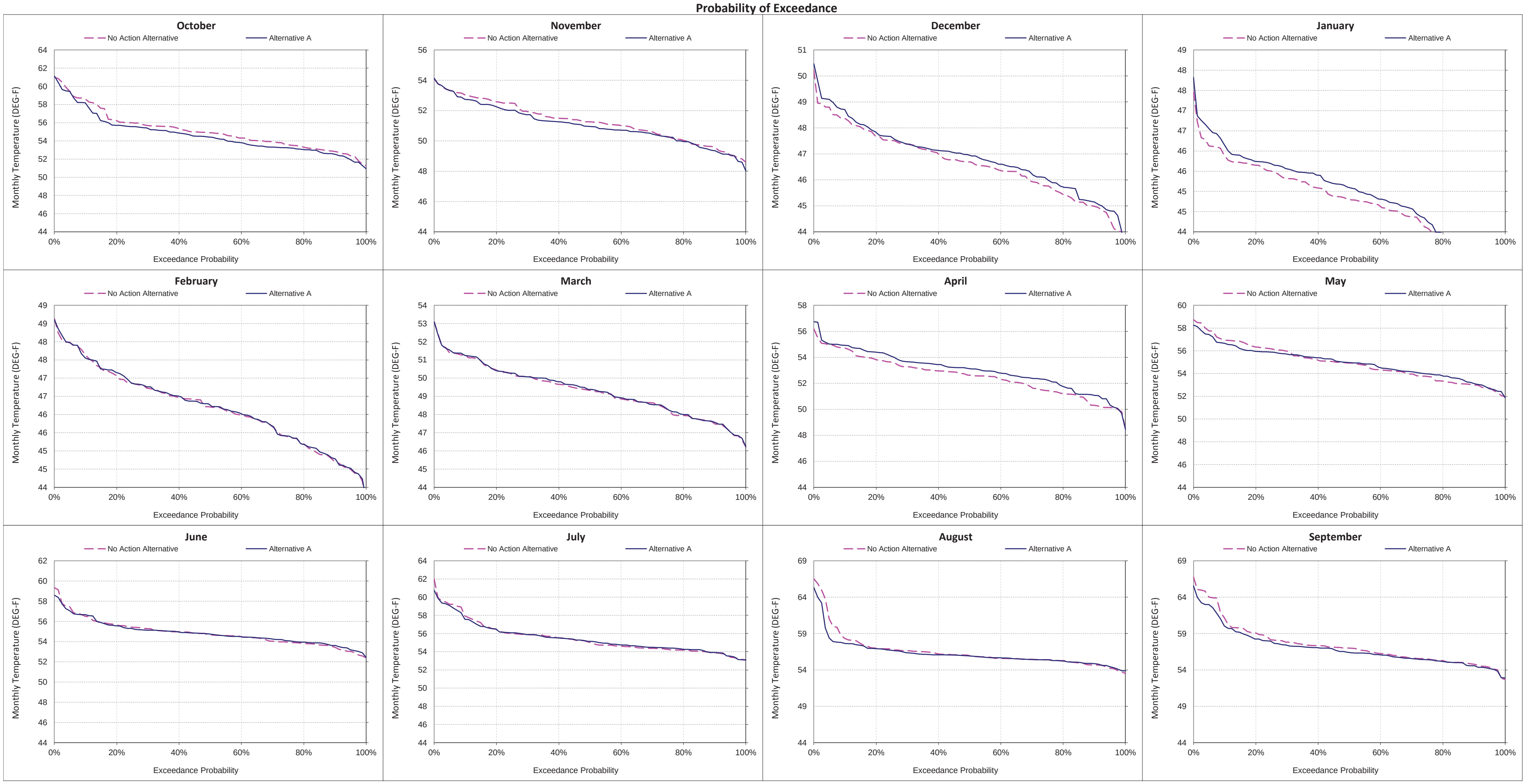


Table SQ-04-3b

Sacramento River at Jellys Ferry, Monthly Temperature
Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	61.0	61.1	0.1	0.2%
1.2%	60.9	60.4	-0.4	-0.7%
2.5%	60.5	59.6	-0.8	-1.3%
3.7%	59.9	59.5	-0.4	-0.7%
4.9%	59.5	59.4	0.0	0.0%
6.2%	58.9	58.7	-0.2	-0.3%
7.4%	58.7	58.2	-0.5	-0.8%
8.6%	58.7	58.2	-0.5	-0.9%
9.9%	58.6	58.2	-0.4	-0.7%
11.1%	58.3	57.6	-0.7	-1.1%
12.3%	58.2	57.1	-1.1	-1.9%
13.6%	58.0	57.0	-1.0	-1.7%
14.8%	57.6	56.2	-1.4	-2.4%
16.0%	57.5	56.1	-1.4	-2.4%
17.3%	56.4	56.0	-0.4	-0.7%
18.5%	56.3	55.7	-0.6	-1.0%
19.8%	56.3	55.7	-0.6	-1.0%
21.0%	56.1	55.7	-0.4	-0.6%
22.2%	56.0	55.7	-0.4	-0.7%
23.5%	56.0	55.6	-0.4	-0.7%
24.7%	56.0	55.6	-0.4	-0.7%
25.9%	56.0	55.6	-0.4	-0.7%
27.2%	56.0	55.5	-0.4	-0.8%
28.4%	55.8	55.5	-0.3	-0.6%
29.6%	55.7	55.4	-0.3	-0.5%
30.9%	55.7	55.2	-0.4	-0.8%
32.1%	55.7	55.2	-0.4	-0.8%
33.3%	55.6	55.2	-0.5	-0.8%
34.6%	55.6	55.1	-0.5	-0.8%
35.8%	55.6	55.1	-0.5	-0.8%
37.0%	55.6	55.0	-0.6	-1.1%
38.3%	55.5	55.0	-0.6	-1.0%
39.5%	55.4	54.9	-0.5	-0.9%
40.7%	55.2	54.8	-0.4	-0.7%
42.0%	55.2	54.8	-0.4	-0.7%
43.2%	55.0	54.7	-0.3	-0.6%
44.4%	55.0	54.6	-0.4	-0.8%
45.7%	55.0	54.5	-0.5	-0.8%
46.9%	55.0	54.5	-0.4	-0.8%
48.1%	54.9	54.5	-0.5	-0.8%
49.4%	54.9	54.4	-0.5	-0.9%
50.6%	54.9	54.4	-0.5	-0.9%
51.9%	54.8	54.3	-0.5	-1.0%
53.1%	54.8	54.2	-0.6	-1.1%
54.3%	54.7	54.2	-0.6	-1.1%
55.6%	54.6	54.0	-0.6	-1.1%
56.8%	54.5	53.9	-0.6	-1.1%
58.0%	54.5	53.9	-0.6	-1.1%
59.3%	54.3	53.8	-0.5	-0.9%
60.5%	54.3	53.8	-0.5	-1.0%
61.7%	54.3	53.6	-0.7	-1.2%
63.0%	54.1	53.5	-0.5	-0.9%
64.2%	54.1	53.5	-0.5	-1.0%
65.4%	54.0	53.4	-0.6	-1.1%
66.7%	54.0	53.4	-0.6	-1.1%
67.9%	53.9	53.4	-0.6	-1.1%
69.1%	53.9	53.3	-0.6	-1.1%
70.4%	53.9	53.3	-0.6	-1.1%
71.6%	53.8	53.3	-0.5	-1.0%
72.8%	53.8	53.3	-0.5	-1.0%
74.1%	53.6	53.3	-0.4	-0.7%
75.3%	53.6	53.2	-0.3	-0.6%
76.5%	53.5	53.2	-0.3	-0.6%
77.8%	53.5	53.1	-0.4	-0.7%
79.0%	53.4	53.1	-0.3	-0.6%
80.2%	53.3	53.0	-0.3	-0.5%
81.5%	53.2	53.0	-0.2	-0.3%
82.7%	53.2	53.0	-0.2	-0.3%
84.0%	53.1	53.0	-0.1	-0.3%
85.2%	53.1	52.8	-0.3	-0.6%
86.4%	53.0	52.6	-0.4	-0.7%
87.7%	52.9	52.6	-0.3	-0.6%
88.9%	52.9	52.6	-0.3	-0.5%
90.1%	52.8	52.5	-0.3	-0.6%
91.4%	52.7	52.4	-0.3	-0.7%
92.6%	52.6	52.3	-0.3	-0.5%
93.8%	52.6	52.1	-0.4	-0.8%
95.1%	52.3	51.9	-0.4	-0.8%
96.3%	52.3	51.7	-0.6	-1.2%
97.5%	51.8	51.7	-0.2	-0.3%
98.8%	51.5	51.3	-0.2	-0.3%
100.0%	51.3	51.0	0.0	-0.6%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.1	54.1	0.0	0.1%
1.2%	53.8	53.8	0.0	0.0%
2.5%	53.6	53.6	0.0	0.1%
3.7%	53.4	53.4	0.0	0.0%
4.9%	53.3	53.3	0.0	0.0%
6.2%	53.3	53.3	0.0	0.0%
7.4%	53.2	52.9	-0.3	-0.5%
8.6%	53.2	52.9	-0.3	-0.5%
9.9%	53.0	52.7	-0.3	-0.6%
11.1%	53.0	52.7	-0.3	-0.5%
12.3%	52.9	52.7	-0.2	-0.4%
13.6%	52.9	52.6	-0.2	-0.4%
14.8%	52.8	52.4	-0.4	-0.7%
16.0%	52.8	52.4	-0.4	-0.8%
17.3%	52.8	52.4	-0.4	-0.7%
18.5%	52.7	52.4	-0.3	-0.5%
19.8%	52.6	52.3	-0.3	-0.6%
21.0%	52.6	52.2	-0.4	-0.7%
22.2%	52.5	52.1	-0.4	-0.8%
23.5%	52.5	52.0	-0.5	-0.9%
24.7%	52.5	52.0	-0.5	-0.9%
25.9%	52.5	52.0	-0.5	-0.9%
27.2%	52.1	51.8	-0.3	-0.5%
28.4%	52.0	51.8	-0.2	-0.4%
29.6%	52.0	51.7	-0.2	-0.4%
30.9%	51.9	51.7	-0.1	-0.3%
32.1%	51.9	51.5	-0.4	-0.8%
33.3%	51.8	51.4	-0.4	-0.8%
34.6%	51.8	51.3	-0.4	-0.8%
35.8%	51.6	51.3	-0.3	-0.5%
37.0%	51.6	51.3	-0.3	-0.5%
38.3%	51.5	51.3	-0.2	-0.4%
39.5%	51.5	51.3	-0.2	-0.5%
40.7%	51.5	51.3	-0.2	-0.5%
42.0%	51.5	51.2	-0.2	-0.5%
43.2%	51.5	51.2	-0.3	-0.5%
44.4%	51.4	51.1	-0.3	-0.5%
45.7%	51.4	51.1	-0.3	-0.6%
46.9%	51.3	51.1	-0.2	-0.5%
48.1%	51.3	51.0	-0.3	-0.5%
49.4%	51.3	51.0	-0.3	-0.6%
50.6%	51.2	50.9	-0.3	-0.6%
51.9%	51.2	50.9	-0.3	-0.6%
53.1%	51.2	50.8	-0.4	-0.8%
54.3%	51.2	50.8	-0.4	-0.7%
55.6%	51.1	50.8	-0.3	-0.6%
56.8%	51.1	50.7	-0.3	-0.7%
58.0%	51.1	50.7	-0.3	-0.6%
59.3%	51.0	50.7	-0.3	-0.7%
60.5%	51.0	50.7	-0.3	-0.5%
61.7%	51.0	50.7	-0.3	-0.5%
63.0%	50.9	50.6	-0.3	-0.6%
64.2%	50.8	50.6	-0.2	-0.4%
65.4%	50.7	50.6	-0.1	-0.3%
66.7%	50.7	50.6	-0.1	-0.3%
67.9%	50.7	50.5	-0.1	-0.3%
69.1%	50.6	50.5	-0.1	-0.3%
70.4%	50.6	50.4	-0.1	-0.3%
71.6%	50.4	50.4	-0.1	-0.1%
72.8%	50.4	50.3	-0.1	-0.2%
74.1%	50.3	50.3	0.0	0.0%
75.3%	50.3	50.2	0.0	-0.1%
76.5%	50.2	50.2	0.1	0.2%
77.8%	50.1	50.0	-0.1	-0.2%
79.0%	50.1	50.0	-0.1	-0.2%
80.2%	50.0	50.0	-0.1	-0.1%
81.5%	50.0	49.9	0.0	-0.1%
82.7%	49.8	49.8	0.0	0.1%
84.0%	49.8	49.7	0.0	0.0%
85.2%	49.7	49.6	-0.2	-0.3%
86.4%	49.7	49.5	-0.2	-0.3%
87.7%	49.6	49.5	-0.2	-0.3%
88.9%	49.6	49.4	-0.3	-0.5%
90.1%	49.6	49.4	-0.2	-0.4%
91.4%	49.4	49.2	-0.1	-0.3%
92.6%	49.3	49.1	-0.2	-0.3%
93.8%	49.3	49.1	-0.1	-0.3%
95.1%	49.0	49.1	0.1	0.1%
96.3%	49.0	49.0	0.0	0.0%
97.5%	48.9	48.7	-0.2	-0.4%
98.8%	48.8	48.6	-0.2	-0.5%
100.0%	48.6	48.0	-0.6	-1.2%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.2	50.5	0.3	0.5%
1.2%	48.9	49.8	0.8	1.7%
2.5%	48.9	49.1	0.2	0.4%
3.7%	48.8	49.1	0.3	0.6%
4.9%	48.8	49.1	0.3	0.6%
6.2%	48.5	49.0	0.5	1.0%
7.4%	48.5	48.8	0.3	0.6%
8.6%	48.4	48.7	0.4	0.7%
9.9%	48.4	48.7	0.3	0.7%
11.1%	48.3	48.4	0.2	0.4%
12.3%	48.1	48.4	0.3	0.5%
13.6%	48.1	48.2	0.1	0.3%
14.8%	48.0	48.1	0.1	0.2%
16.0%	47.9	48.1	0.2	0.3%
17.3%	47.9	48.0	0.1	0.3%
18.5%	47.9	47.9	0.1	0.1%
19.8%	47.7	47.8	0.2	0.3%
21.0%	47.7	47.7	0.0	0.1%
22.2%	47.5	47.7	0.2	0.3%
23.5%	47.5	47.7	0.2	0.3%
24.7%	47.5	47.7	0.2	0.3%
25.9%	47.5	47.6	0.1	0.1%
27.2%	47.4	47.5	0.1	0.1%
28.4%	47.4	47.4	0.0	0.1%
29.6%	47.4	47.4	0.0	0.0%
30.9%	47.4	47.4	0.0	0.0%
32.1%	47.3	47.3	0.0	-0.1%
33.3%	47.2	47.3	0.0	0.1%
34.6%	47.2	47.3	0.1	0.1%
35.8%	47.2	47.2	0.1	0.1%
37.0%	47.1	47.2	0.1	0.1%
38.3%	47.1	47.2	0.1	0.2%
39.5%	47.1	47.1	0.1	0.2%
40.7%	46.9	47.1	0.2	0.5%
42.0%	46.8	47.1	0.3	0.7%
43.2%	46.8	47.1	0.3	0.7%
44.4%	46.8	47.1	0.3	0.6%
45.7%	46.8	47.0	0.3	0.6%
46.9%	46.7	47.0	0.3	0.7%
48.1%	46.7	47.0	0.3	0.6%
49.4%	46.7	47.0	0.3	0.6%
50.6%	46.7	46.9	0.2	0.5%
51.9%	46.6	46.9	0.3	0.7%
53.1%	46.5	46.8	0.3	0.6%
54.3%	46.5	46.8	0.2	0.5%
55.6%	46.5	46.8	0.2	0.5%
56.8%	46.5	46.7	0.2	0.4%
58.0%	46.4	46.7	0.2	0.5%
59.3%	46.4	46.6	0.2	0.5%
60.5%	46.3	46.6	0.3	0.6%
61.7%	46.3	46.6	0.2	0.5%
63.0%	46.3	46.5	0.2	0.4%
64.2%	46.3	46.5	0.2	0.4%
65.4%	46.3	46.5	0.2	0.3%
66.7%	46.2	46.4	0.2	0.5%
67.9%	46.1	46.4	0.2	0.5%
69.1%	46.0	46.3	0.4	0.8%
70.4%	45.9	46.2	0.3	0.6%
71.6%	45.9	46.1	0.2	0.5%
72.8%	45.8	46.1	0.3	0.7%
74.1%	45.8	46.1	0.3	0.7%
75.3%	45.8	46.0	0.2	0.5%
76.5%	45.7	45.9	0.2	0.5%
77.8%	45.6	45.9	0.3	0.7%
79.0%	45.5	45.8	0.2	0.5%
80.2%	45.4	45.7	0.3	0.6%
81.5%	45.4	45.7	0.3	0.7%
82.7%	45.3	45.7	0.4	0.8%
84.0%	45.2	45.7	0.5	1.1%
85.2%	45.1	45.2	0.1	0.2%
86.4%	45.1	45.2	0.1	0.2%
87.7%	45.0	45.2	0.2	0.4%
88.9%	45.0	45.2	0.2	0.4%
90.1%	45.0	45.1	0.2	0.4%
91.4%	44.9	45.1	0.1	0.3%
92.6%	44.8	45.0	0.2	0.4%
93.8%	44.7	44.9	0.1	0.2%
95.1%	44.5	44.8	0.3	0.8%
96.3%	44.1	44.8	0.7	1.5%
97.5%	44.0	44.6	0.6	1.4%
98.8%	44.0	44.0	0.0	0.0%
100.0%	42.9	43.1	0.3	0.6%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.5	47.8	0.4	0.8%
1.2%	46.7	46.9	0.1	0.3%
2.5%	46.3	46.8	0.4	0.9%
3.7%	46.3	46.7	0.4	0.8%
4.9%	46.1	46.6	0.4	0.9%
6.2%	46.1	46.5	0.3	0.7%
7.4%	46.1	46.4	0.3	0.7%
8.6%	46.1	46.3	0.2	0.5%
9.9%	45.9	46.2	0.3	0.6%
11.1%	45.8	46.0	0.2	0.5%
12.3%	45.7	45.9	0.2	0.4%
13.6%	45.7	45.9	0.2	0.4%
14.8%	45.7	45.9	0.2	0.4%
16.0%	45.7	45.8	0.1	0.3%
17.3%	45.7	45.8	0.1	0.2%
18.5%	45.7	45.8	0.1	0.3%
19.8%	45.7	45.7	0.1	0.2%
21.0%	45.6	45.7	0.1	0.2%
22.2%	45.6	45.7	0.2	0.3%
23.5%	45.5	45.7	0.2	0.4%
24.7%	45.5	45.7	0.2	0.4%
25.9%	45.5	45.6	0.2	0.4%
27.2%	45.4	45.6	0.2	0.5%
28.4%	45.4	45.6	0.3	0.6%
29.6%	45.3	45.6	0.2	0.5%
30.9%	45.3	45.5	0.2	0.5%
32.1%	45.3	45.5	0.2	0.5%
33.3%	45.3	45.5	0.2	0.4%
34.6%	45.2	45.5	0.2	0.5%
35.8%	45.2	45.5	0.2	0.5%
37.0%	45.2	45.5	0.3	0.6%
38.3%	45.1	45.5	0.3	0.8%
39.5%	45.1	45.4	0.3	0.7%
40.7%	45.1	45.4	0.3	0.7%
42.0%	45.1	45.3	0.2	0.5%
43.2%	44.9	45.2	0.3	0.7%
44.4%	44.9	45.2	0.3	0.7%
45.7%	44.9	45.2	0.3	0.7%
46.9%	44.9	45.2	0.3	0.7%
48.1%	44.9	45.2	0.3	0.7%
49.4%	44.8	45.1	0.3	0.7%
50.6%	44.8	45.1	0.3	0.6%
51.9%	44.8	45.1	0.3	0.6%
53.1%	44.8	45.0	0.2	0.5%
54.3%	44.7	45.0	0.2	0.5%
55.6%	44.7	44.9	0.2	0.4%
56.8%	44.7	44.9	0.2	0.5%
58.0%	44.7	44.9	0.2	0.4%
59.3%	44.7	44.8	0.1	0.3%
60.5%	44.6	44.8	0.2	0.5%
61.7%	44.6	44.8	0.2	0.4%
63.0%	44.5	44.7	0.2	0.5%
64.2%	44.5	44.7	0.2	0.5%
65.4%	44.5	44.7	0.2	0.4%
66.7%	44.5	44.6	0.2	0.4%
67.9%	44.4	44.6	0.2	0.5%
69.1%	44.4	44.6	0.2	0.5%
70.4%	44.4	44.6	0.2	0.4%
71.6%	44.4	44.4	0.1	0.2%
72.8%	44.2	44.4	0.1	0.3%
74.1%	44.1	44.3	0.2	0.5%
75.3%	44.1	44.2	0.2	0.3%
76.5%	44.0	44.2	0.2	0.4%
77.8%	44.0	44.0	0.0	0.0%
79.0%	43.9	44.0	0.1	0.1%
80.2%	43.9	44.0	0.0	0.1%
81.5%	43.7	43.9	0.2	0.5%
82.7%	43.7	43.9	0.2	0.6%
84.0%	43.6	43.9	0.3	0.6%
85.2%	43.6	43.8	0.2	0.5%
86.4%	43.6	43.8	0.2	0.5%
87.7%	43.5	43.7	0.2	0.5%
88.9%	43.5	43.6	0.1	0.2%
90.1%	43.5	43.6	0.1	0.2%
91.4%	43.5	43.6	0.1	0.2%
92.6%	43.5	43.6	0.1	0.3%
93.8%	43.4	43.6	0.1	0.3%
95.1%	43.3	43.5	0.2	0.6%
96.3%	42.9	43.0	0.2	0.4%
97.5%	42.8	42.9	0.1	0.3%
98.8%	42.7	42.9	0.2	0.4%
100.0%	42.4	42.7	0.3	0.7%

Table SQ-04-3b

Sacramento River at Jellys Ferry, Monthly Temperature
Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	48.6	48.6	0.0	-0.1%
1.2%	48.2	48.4	0.1	0.2%
2.5%	48.0	48.2	0.1	0.2%
3.7%	48.0	48.0	0.0	0.0%
4.9%	48.0	48.0	0.0	0.0%
6.2%	47.9	47.9	0.0	0.0%
7.4%	47.9	47.9	0.0	0.0%
8.6%	47.8	47.7	-0.1	-0.3%
9.9%	47.6	47.6	-0.1	-0.2%
11.1%	47.5	47.5	0.0	0.0%
12.3%	47.5	47.5	0.0	0.1%
13.6%	47.3	47.5	0.1	0.2%
14.8%	47.3	47.3	0.0	-0.1%
16.0%	47.2	47.2	0.1	0.1%
17.3%	47.2	47.2	0.0	0.1%
18.5%	47.1	47.2	0.1	0.2%
19.8%	47.1	47.2	0.1	0.2%
21.0%	47.0	47.1	0.2	0.3%
22.2%	47.0	47.1	0.1	0.2%
23.5%	46.9	47.0	0.1	0.2%
24.7%	46.9	46.9	0.0	0.0%
25.9%	46.8	46.8	0.0	0.0%
27.2%	46.8	46.8	0.0	0.0%
28.4%	46.8	46.8	0.0	0.0%
29.6%	46.7	46.8	0.0	0.1%
30.9%	46.7	46.8	0.1	0.1%
32.1%	46.7	46.7	0.0	-0.1%
33.3%	46.6	46.6	0.0	0.0%
34.6%	46.6	46.6	0.0	0.0%
35.8%	46.6	46.6	0.0	0.0%
37.0%	46.5	46.6	0.0	0.1%
38.3%	46.5	46.5	0.0	0.0%
39.5%	46.5	46.5	0.0	0.1%
40.7%	46.4	46.5	0.0	0.1%
42.0%	46.4	46.4	0.0	-0.1%
43.2%	46.4	46.4	-0.1	-0.1%
44.4%	46.4	46.4	-0.1	-0.1%
45.7%	46.4	46.4	0.0	-0.1%
46.9%	46.4	46.3	-0.1	-0.2%
48.1%	46.2	46.3	0.1	0.2%
49.4%	46.2	46.3	0.1	0.2%
50.6%	46.2	46.2	0.0	0.0%
51.9%	46.2	46.2	0.0	0.0%
53.1%	46.2	46.2	0.0	0.0%
54.3%	46.1	46.1	0.0	0.0%
55.6%	46.1	46.1	0.1	0.1%
56.8%	46.1	46.1	0.0	0.0%
58.0%	46.0	46.1	0.1	0.1%
59.3%	46.0	46.0	0.0	0.1%
60.5%	46.0	46.0	0.0	0.0%
61.7%	45.9	46.0	0.0	0.1%
63.0%	45.9	46.0	0.0	0.1%
64.2%	45.9	45.9	0.0	0.0%
65.4%	45.9	45.9	0.0	0.0%
66.7%	45.8	45.8	0.0	0.0%
67.9%	45.8	45.8	0.0	0.0%
69.1%	45.7	45.7	0.0	0.0%
70.4%	45.6	45.7	0.0	0.1%
71.6%	45.5	45.5	-0.1	-0.1%
72.8%	45.4	45.4	0.0	0.0%
74.1%	45.4	45.4	0.0	0.0%
75.3%	45.4	45.4	0.0	0.1%
76.5%	45.4	45.3	0.0	0.0%
77.8%	45.3	45.3	0.0	0.0%
79.0%	45.2	45.2	0.0	0.0%
80.2%	45.2	45.2	0.0	0.0%
81.5%	45.1	45.1	0.0	0.1%
82.7%	45.0	45.1	0.1	0.1%
84.0%	45.0	45.1	0.1	0.2%
85.2%	44.9	45.0	0.1	0.2%
86.4%	44.9	44.9	0.0	0.1%
87.7%	44.9	44.9	0.0	0.0%
88.9%	44.8	44.8	0.0	0.1%
90.1%	44.7	44.8	0.1	0.2%
91.4%	44.7	44.6	0.0	-0.1%
92.6%	44.6	44.6	0.0	0.1%
93.8%	44.5	44.6	0.0	0.1%
95.1%	44.5	44.5	0.0	0.1%
96.3%	44.4	44.4	0.0	0.1%
97.5%	44.4	44.4	0.0	0.0%
98.8%	44.2	44.2	0.1	0.1%
100.0%	43.7	43.7	0.0	0.0%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.1	53.1	0.0	0.0%
1.2%	52.4	52.4	0.0	-0.1%
2.5%	51.8	51.8	0.0	0.1%
3.7%	51.7	51.6	0.0	-0.1%
4.9%	51.4	51.6	0.2	0.3%
6.2%	51.4	51.4	0.0	0.0%
7.4%	51.3	51.4	0.0	0.1%
8.6%	51.3	51.4	0.1	0.2%
9.9%	51.3	51.3	0.0	0.0%
11.1%	51.1	51.2	0.1	0.2%
12.3%	51.1	51.2	0.1	0.1%
13.6%	51.1	51.2	0.1	0.2%
14.8%	51.0	51.0	0.0	0.0%
16.0%	50.7	50.8	0.0	0.1%
17.3%	50.6	50.7	0.1	0.1%
18.5%	50.5	50.5	0.0	0.0%
19.8%	50.5	50.4	0.0	-0.1%
21.0%	50.3	50.4	0.0	0.1%
22.2%	50.3	50.4	0.0	0.1%
23.5%	50.3	50.3	0.0	-0.1%
24.7%	50.2	50.3	0.0	0.1%
25.9%	50.1	50.3	0.1	0.2%
27.2%	50.1	50.1	0.0	0.0%
28.4%	50.1	50.1	0.0	0.0%
29.6%	50.1	50.1	0.0	0.0%
30.9%	50.1	50.1	0.0	0.0%
32.1%	50.0	50.0	0.0	0.1%
33.3%	49.9	50.0	0.1	0.2%
34.6%	49.9	50.0	0.1	0.3%
35.8%	49.8	50.0	0.2	0.3%
37.0%	49.8	49.9	0.1	0.2%
38.3%	49.7	49.9	0.2	0.3%
39.5%	49.7	49.8	0.1	0.3%
40.7%	49.6	49.8	0.1	0.3%
42.0%	49.6	49.7	0.0	0.1%
43.2%	49.6	49.6	0.1	0.2%
44.4%	49.5	49.6	0.1	0.3%
45.7%	49.4	49.6	0.1	0.3%
46.9%	49.4	49.5	0.1	0.2%
48.1%	49.4	49.5	0.1	0.2%
49.4%	49.3	49.4	0.0	0.1%
50.6%	49.3	49.4	0.1	0.1%
51.9%	49.3	49.3	0.1	0.2%
53.1%	49.3	49.3	0.0	0.0%
54.3%	49.2	49.3	0.1	0.2%
55.6%	49.2	49.2	0.1	0.1%
56.8%	49.1	49.1	0.0	-0.1%
58.0%	48.9	49.0	0.1	0.1%
59.3%	48.9	48.9	0.1	0.1%
60.5%	48.8	48.9	0.1	0.1%
61.7%	48.8	48.8	0.0	0.1%
63.0%	48.8	48.8	0.1	0.1%
64.2%	48.8	48.8	0.1	0.1%
65.4%	48.7	48.7	0.0	0.0%
66.7%	48.7	48.7	0.0	0.0%
67.9%	48.7	48.7	0.0	0.0%
69.1%	48.7	48.6	-0.1	-0.2%
70.4%	48.6	48.5	-0.1	-0.2%
71.6%	48.5	48.5	0.0	0.0%
72.8%	48.5	48.5	0.1	0.1%
74.1%	48.4	48.4	0.0	0.1%
75.3%	48.2	48.2	0.0	0.0%
76.5%	48.0	48.2	0.2	0.3%
77.8%	47.9	48.1	0.2	0.4%
79.0%	47.9	48.0	0.1	0.2%
80.2%	47.9	48.0	0.1	0.1%
81.5%	47.9	48.0	0.1	0.1%
82.7%	47.8	47.8	-0.1	-0.1%
84.0%	47.8	47.8	0.0	0.0%
85.2%	47.7	47.7	0.0	0.0%
86.4%	47.7	47.7	0.0	-0.1%
87.7%	47.6	47.7	0.0	0.0%
88.9%	47.6	47.6	0.0	0.0%
90.1%	47.5	47.6	0.1	0.2%
91.4%	47.5	47.5	0.0	0.0%
92.6%	47.4	47.5	0.1	0.1%
93.8%	47.2	47.2	0.0	0.0%
95.1%	47.0	47.0	0.0	0.0%
96.3%	46.8	46.9	0.0	0.1%
97.5%	46.8	46.8	0.0	0.0%
98.8%	46.6	46.7	0.1	0.2%
100.0%	46.2	46.2	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.2	56.7	0.6	1.0%
1.2%	55.5	56.7	1.2	2.1%
2.5%	55.1	55.3	0.2	0.5%
3.7%	55.0	55.2	0.1	0.2%
4.9%	54.9	55.0	0.1	0.1%
6.2%	54.9	55.0	0.1	0.1%
7.4%	54.8	55.0	0.2	0.4%
8.6%	54.7	54.9	0.2	0.4%
9.9%	54.7	54.9	0.2	0.4%
11.1%	54.6	54.9	0.3	0.5%
12.3%	54.5	54.7	0.3	0.5%
13.6%	54.1	54.7	0.6	1.1%
14.8%	54.1	54.7	0.6	1.1%
16.0%	54.0	54.6	0.5	1.0%
17.3%	54.0	54.5	0.5	0.9%
18.5%	53.9	54.4	0.5	0.9%
19.8%	53.8	54.4	0.6	1.1%
21.0%	53.8	54.4	0.6	1.1%
22.2%	53.7	54.3	0.6	1.1%
23.5%	53.7	54.2	0.6	1.1%
24.7%	53.6	54.1	0.5	0.9%
25.9%	53.6	54.0	0.4	0.8%
27.2%	53.4	53.8	0.4	0.8%
28.4%	53.3	53.7	0.4	0.8%
29.6%	53.3	53.7	0.4	0.7%
30.9%	53.3	53.7	0.4	0.7%
32.1%	53.2	53.6	0.4	0.8%
33.3%	53.2	53.6	0.4	0.8%
34.6%	53.1	53.6	0.4	0.8%
35.8%	53.0	53.5	0.5	1.0%
37.0%	53.0	53.5	0.5	0.9%
38.3%	53.0	53.5	0.5	0.9%
39.5%	53.0	53.4	0.5	0.9%
40.7%	52.9	53.4	0.5	0.9%
42.0%	52.9	53.3	0.4	0.7%
43.2%	52.9	53.3	0.4	0.7%
44.4%	52.9	53.2	0.3	0.6%
45.7%	52.9	53.2	0.4	0.7%
46.9%	52.8	53.2	0.4	0.8%
48.1%	52.7	53.2	0.5	0.9%
49.4%	52.6	53.1	0.5	1.0%
50.6%	52.6	53.1	0.5	0.9%
51.9%	52.6	53.1	0.5	1.0%
53.1%	52.6	53.1	0.5	0.9%
54.3%	52.6	53.0	0.4	0.8%
55.6%	52.6	52.9	0.4	0.8%
56.8%	52.5	52.9	0.4	0.8%
58.0%	52.5	52.9	0.4	0.8%
59.3%	52.4	52.8	0.4	0.8%
60.5%	52.3	52.8	0.5	0.9%
61.7%	52.2	52.7	0.5	1.0%
63.0%	52.1	52.6	0.5	1.0%
64.2%	52.1	52.6	0.5	1.0%
65.4%	52.1	52.5	0.5	0.9%
66.7%	52.0	52.5	0.5	0.9%
67.9%	52.0	52.5	0.5	1.0%
69.1%	51.8	52.4	0.6	1.2%
70.4%	51.6	52.4	0.8	1.5%
71.6%	51.6	52.4	0.8	1.5%
72.8%	51.5	52.3	0.8	1.6%
74.1%	51.4	52.3	0.9	1.7%
75.3%	51.4	52.2	0.8	1.6%
76.5%	51.4	52.1	0.8	1.5%
77.8%	51.3	52.1	0.8	1.5%
79.0%	51.3	51.9	0.6	1.2%
80.2%	51.2	51.7	0.6	1.1%
81.5%	51.2	51.6	0.4	0.9%
82.7%	51.2	51.6	0.4	0.9%
84.0%	51.1	51.2	0.1	0.2%
85.2%	51.0	51.2	0.2	0.4%
86.4%	50.9	51.2	0.2	0.4%
87.7%	50.6	51.2	0.5	1.0%
88.9%	50.3	51.1	0.8	1.6%
90.1%	50.3	51.1	0.8	1.5%
91.4%	50.2	51.0	0.8	1.6%
92.6%	50.1	50.8	0.7	1.3%
93.8%	50.1	50.8	0.7	1.3%
95.1%	50.1	50.3	0.2	0.3%
96.3%	50.1	50.1	0.0	0.1%
97.5%	50.0	50.1	0.1	0.2%
98.8%	49.8	49.7	-0.1	-0.2%
100.0%	48.5	48.5	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	58.7	58.3	-0.5	-0.8%
1.2%	58.5	58.1	-0.4	-0.6%
2.5%	58.4	57.8	-0.7	-1.1%
3.7%	58.0	57.5	-0.5	-0.9%
4.9%	57.8	57.4	-0.3	-0.6%
6.2%	57.7	57.2	-0.5	-0.9%
7.4%	57.2	56.8	-0.5	-0.8%
8.6%	57.1	56.7	-0.4	-0.6%
9.9%	56.9	56.7	-0.3	-0.5%
11.1%	56.9	56.5	-0.4	-0.7%
12.3%	56.9	56.5	-0.4	-0.7%
13.6%	56.9	56.4	-0.4	-0.7%
14.8%	56.8	56.2	-0.6	-1.1%
16.0%	56.7	56.1	-0.6	-1.1%
17.3%	56.6	56.0	-0.6	-1.0%
18.5%	56.4	56.0	-0.4	-0.7%
19.8%	56.3	56.0	-0.4	-0.7%
21.0%	56.3	55.9	-0.4	-0.7%
22.2%	56.2	55.9	-0.3	-0.6%
23.5%	56.2	55.9	-0.3	-0.6%
24.7%	56.2	55.9	-0.3	-0.5%
25.9%	56.1	55.9	-0.2	-0.4%
27.2%	56.1	55.8	-0.3	-0.5%
28.4%	56.1	55.8	-0.3	-0.5%
29.6%	56.0	55.7	-0.3	-0.5%
30.9%	55.9	55.7	-0.3	-0.5%
32.1%	55.6	55.7	0.1	0.2%
33.3%	55.6	55.6	0.1	0.2%
34.6%	55.5	55.6	0.1	0.2%
35.8%	55.4	55.5	0.1	0.2%
37.0%	55.4	55.5	0.1	0.2%
38.3%	55.3	55.4	0.1	0.3%
39.5%	55.2	55.4	0.2	0.3%
40.7%	55.1	55.4	0.3	0.5%
42.0%	55.1	55.3	0.2	0.4%
43.2%	55.1	55.3	0.2	0.4%
44.4%	55.1	55.3	0.2	0.4%
45.7%	55.0	55.1	0.1	0.2%
46.9%	55.0	55.0	0.1	0.1%
48.1%	55.0	55.0	0.0	0.1%
49.4%	54.9	55.0	0.0	0.1%
50.6%	54.9	54.9	0.0	0.0%
51.9%	54.9	54.9	0.1	0.1%
53.1%	54.8	54.9	0.1	0.2%
54.3%	54.8	54.9	0.1	0.2%
55.6%	54.7	54.9	0.1	0.2%
56.8%	54.4	54.8	0.4	0.7%
58.0%	54.4	54.8	0.4	0.8%
59.3%	54.3	54.6	0.2	0.4%
60.5%	54.3	54.5	0.2	0.3%
61.7%	54.3	54.5	0.2	0.3%
63.0%	54.2	54.4	0.2	0.3%
64.2%	54.2	54.4	0.1	0.2%
65.4%	54.2	54.3	0.1	0.2%
66.7%	54.2	54.2	0.0	0.1%
67.9%	54.1	54.2	0.1	0.2%
69.1%	54.0	54.2	0.2	0.4%
70.4%	54.0	54.2	0.2	0.4%
71.6%	53.8	54.1	0.3	0.5%
72.8%	53.8	54.0	0.3	0.5%
74.1%	53.8	54.0	0.2	0.4%
75.3%	53.7	54.0	0.2	0.4%
76.5%	53.7	53.9	0.2	0.4%
77.8%	53.4	53.9	0.5	1.0%
79.0%	53.4	53.9	0.5	1.0%
80.2%	53.3	53.8	0.4	0.8%
81.5%	53.2	53.8	0.5	1.0%
82.7%	53.2	53.6	0.4	0.7%
84.0%	53.1	53.6	0.5	0.9%
85.2%	53.1	53.6	0.5	0.9%
86.4%	53.1	53.4	0.3	0.7%
87.7%	53.1	53.3	0.2	0.4%
88.9%	53.0	53.2	0.2	0.3%
90.1%	53.0	53.1	0.1	0.2%
91.4%	53.0	53.0	0.1	0.1%
92.6%	52.8	53.0	0.2	0.4%
93.8%	52.7	52.8	0.1	0.2%
95.1%	52.7	52.6	-0.1	-0.2%
96.3%	52.5	52.6	0.1	0.2%
97.5%	52.3	52.4	0.1	0.2%
98.8%	52.1	52.4	0.3	0.7%
100.0%	52.0	51.9	-0.1	-0.2%

Table SQ-04-3b

Sacramento River at Jellys Ferry, Monthly Temperature
Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.3	58.6	-0.7	-1.2%
1.2%	59.1	58.4	-0.8	-1.3%
2.5%	57.8	57.7	0.0	-0.1%
3.7%	57.5	57.3	-0.2	-0.4%
4.9%	57.4	57.1	-0.4	-0.7%
6.2%	56.8	56.7	-0.1	-0.2%
7.4%	56.8	56.7	-0.1	-0.3%
8.6%	56.7	56.7	0.0	0.0%
9.9%	56.5	56.7	0.2	0.3%
11.1%	56.5	56.6	0.1	0.2%
12.3%	56.1	56.5	0.4	0.8%
13.6%	56.0	56.0	0.0	0.0%
14.8%	55.9	55.9	0.0	0.1%
16.0%	55.9	55.8	-0.1	-0.1%
17.3%	55.8	55.6	-0.1	-0.2%
18.5%	55.7	55.6	-0.1	-0.2%
19.8%	55.7	55.6	-0.1	-0.1%
21.0%	55.6	55.5	0.0	-0.1%
22.2%	55.6	55.4	-0.2	-0.4%
23.5%	55.5	55.3	-0.2	-0.3%
24.7%	55.4	55.3	-0.1	-0.2%
25.9%	55.4	55.2	-0.2	-0.4%
27.2%	55.4	55.2	-0.2	-0.4%
28.4%	55.3	55.2	-0.1	-0.3%
29.6%	55.3	55.1	-0.1	-0.3%
30.9%	55.3	55.1	-0.1	-0.3%
32.1%	55.1	55.1	0.0	0.0%
33.3%	55.1	55.1	0.0	0.0%
34.6%	55.1	55.1	0.0	0.0%
35.8%	55.0	55.0	0.0	0.0%
37.0%	55.0	55.0	0.0	0.1%
38.3%	55.0	55.0	0.0	0.1%
39.5%	55.0	55.0	0.0	0.0%
40.7%	55.0	54.9	-0.1	-0.1%
42.0%	55.0	54.9	-0.1	-0.1%
43.2%	54.9	54.9	-0.1	-0.1%
44.4%	54.8	54.9	0.0	0.0%
45.7%	54.8	54.8	0.0	0.0%
46.9%	54.8	54.8	0.0	0.0%
48.1%	54.8	54.8	0.0	0.0%
49.4%	54.7	54.8	0.1	0.2%
50.6%	54.7	54.7	0.1	0.1%
51.9%	54.6	54.7	0.0	0.1%
53.1%	54.6	54.6	0.0	0.0%
54.3%	54.6	54.6	0.0	0.0%
55.6%	54.6	54.6	0.0	-0.1%
56.8%	54.6	54.5	-0.1	-0.1%
58.0%	54.6	54.5	-0.1	-0.1%
59.3%	54.5	54.5	0.0	0.0%
60.5%	54.5	54.4	0.0	0.0%
61.7%	54.4	54.4	0.0	0.0%
63.0%	54.4	54.4	0.0	0.1%
64.2%	54.4	54.4	0.0	0.0%
65.4%	54.4	54.4	0.0	0.0%
66.7%	54.3	54.4	0.1	0.2%
67.9%	54.2	54.3	0.2	0.3%
69.1%	54.0	54.3	0.2	0.4%
70.4%	54.0	54.2	0.2	0.4%
71.6%	54.0	54.2	0.2	0.4%
72.8%	54.0	54.2	0.2	0.4%
74.1%	54.0	54.1	0.1	0.3%
75.3%	53.9	54.1	0.2	0.3%
76.5%	53.9	54.0	0.1	0.3%
77.8%	53.9	54.0	0.1	0.1%
79.0%	53.9	54.0	0.1	0.2%
80.2%	53.8	54.0	0.1	0.3%
81.5%	53.8	53.9	0.1	0.2%
82.7%	53.8	53.9	0.1	0.2%
84.0%	53.7	53.9	0.1	0.3%
85.2%	53.7	53.9	0.2	0.4%
86.4%	53.6	53.8	0.2	0.3%
87.7%	53.6	53.7	0.1	0.2%
88.9%	53.5	53.6	0.1	0.2%
90.1%	53.4	53.6	0.2	0.4%
91.4%	53.2	53.5	0.3	0.5%
92.6%	53.2	53.4	0.2	0.4%
93.8%	53.0	53.4	0.3	0.7%
95.1%	53.0	53.2	0.2	0.3%
96.3%	52.9	53.1	0.2	0.3%
97.5%	52.7	53.0	0.4	0.7%
98.8%	52.6	52.9	0.3	0.6%
100.0%	52.4	52.4	0.0	0.0%

July				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	62.0	60.7	-1.3	-2.0%
1.2%	59.9	59.9	0.0	0.0%
2.5%	59.6	59.4	-0.3	-0.4%
3.7%	59.5	59.3	-0.2	-0.3%
4.9%	59.2	59.1	-0.1	-0.2%
6.2%	59.2	58.8	-0.4	-0.7%
7.4%	59.0	58.5	-0.5	-0.8%
8.6%	58.9	58.3	-0.6	-1.0%
9.9%	57.9	57.6	-0.4	-0.6%
11.1%	57.7	57.5	-0.2	-0.4%
12.3%	57.6	57.3	-0.3	-0.5%
13.6%	57.4	57.0	-0.4	-0.6%
14.8%	57.2	56.8	-0.4	-0.7%
16.0%	56.8	56.8	0.0	0.0%
17.3%	56.7	56.6	-0.1	-0.2%
18.5%	56.5	56.5	0.0	0.0%
19.8%	56.5	56.5	0.0	0.0%
21.0%	56.2	56.2	-0.1	-0.1%
22.2%	56.1	56.2	0.0	0.0%
23.5%	56.0	56.1	0.1	0.1%
24.7%	56.0	56.1	0.1	0.2%
25.9%	56.0	56.1	0.1	0.2%
27.2%	55.9	56.0	0.1	0.2%
28.4%	55.9	56.0	0.1	0.1%
29.6%	55.9	55.9	0.0	0.0%
30.9%	55.9	55.9	0.0	0.0%
32.1%	55.9	55.9	0.0	0.0%
33.3%	55.9	55.8	-0.1	-0.1%
34.6%	55.8	55.7	-0.1	-0.2%
35.8%	55.7	55.6	-0.1	-0.2%
37.0%	55.7	55.6	-0.1	-0.2%
38.3%	55.6	55.5	-0.1	-0.2%
39.5%	55.5	55.5	0.0	0.0%
40.7%	55.5	55.5	0.0	-0.1%
42.0%	55.5	55.5	0.0	0.0%
43.2%	55.4	55.4	0.0	0.1%
44.4%	55.4	55.4	0.0	0.1%
45.7%	55.2	55.3	0.0	0.1%
46.9%	55.2	55.3	0.0	0.1%
48.1%	55.2	55.2	0.0	0.0%
49.4%	55.1	55.1	0.1	0.1%
50.6%	55.0	55.1	0.1	0.2%
51.9%	54.8	55.1	0.3	0.5%
53.1%	54.7	55.0	0.3	0.5%
54.3%	54.7	54.9	0.2	0.4%
55.6%	54.7	54.9	0.2	0.4%
56.8%	54.7	54.8	0.1	0.2%
58.0%	54.6	54.8	0.2	0.3%
59.3%	54.6	54.8	0.1	0.2%
60.5%	54.6	54.7	0.2	0.3%
61.7%	54.6	54.7	0.2	0.3%
63.0%	54.5	54.7	0.1	0.2%
64.2%	54.5	54.6	0.1	0.2%
65.4%	54.4	54.6	0.2	0.3%
66.7%	54.4	54.6	0.2	0.3%
67.9%	54.4	54.5	0.1	0.2%
69.1%	54.4	54.5	0.1	0.2%
70.4%	54.4	54.5	0.1	0.2%
71.6%	54.4	54.5	0.1	0.2%
72.8%	54.4	54.4	0.1	0.2%
74.1%	54.3	54.4	0.1	0.2%
75.3%	54.2	54.4	0.2	0.3%
76.5%	54.2	54.4	0.2	0.4%
77.8%	54.2	54.4	0.2	0.3%
79.0%	54.2	54.3	0.1	0.2%
80.2%	54.2	54.3	0.1	0.2%
81.5%	54.2	54.2	0.1	0.1%
82.7%	54.1	54.2	0.2	0.3%
84.0%	54.1	54.2	0.2	0.3%
85.2%	54.0	54.2	0.2	0.3%
86.4%	54.0	54.1	0.1	0.2%
87.7%	54.0	54.0	0.0	-0.1%
88.9%	53.9	53.9	0.0	0.1%
90.1%	53.9	53.9	0.0	0.1%
91.4%	53.9	53.9	0.0	0.1%
92.6%	53.8	53.8	0.1	0.1%
93.8%	53.7	53.5	-0.2	-0.3%
95.1%	53.4	53.5	0.1	0.2%
96.3%	53.4	53.4	0.1	0.2%
97.5%	53.2	53.2	-0.1	-0.2%
98.8%	53.2	53.1	0.0	-0.1%
100.0%	53.1	53.1	0.0	0.0%

August				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.5	65.3	-1.2	-1.8%
1.2%	65.9	64.0	-1.9	-2.8%
2.5%	65.0	63.2	-1.8	-2.8%
3.7%	63.7	59.8	-3.9	-6.2%
4.9%	61.0	58.4	-2.6	-4.3%
6.2%	60.0	57.9	-2.1	-3.4%
7.4%	59.9	57.8	-2.0	-3.4%
8.6%	58.8	57.8	-1.0	-1.7%
9.9%	58.3	57.7	-0.7	-1.2%
11.1%	58.1	57.6	-0.5	-0.9%
12.3%	58.1	57.6	-0.5	-0.8%
13.6%	58.0	57.5	-0.5	-0.9%
14.8%	57.7	57.4	-0.3	-0.4%
16.0%	57.4	57.3	-0.1	-0.2%
17.3%	57.2	57.0	-0.2	-0.4%
18.5%	57.0	57.0	-0.1	-0.1%
19.8%	57.0	56.9	-0.1	-0.1%
21.0%	56.9	56.9	0.0	-0.1%
22.2%	56.9	56.8	0.0	-0.1%
23.5%	56.9	56.8	-0.1	-0.2%
24.7%	56.9	56.7	-0.2	-0.3%
25.9%	56.7	56.7	-0.1	-0.1%
27.2%	56.7	56.6	-0.1	-0.2%
28.4%	56.6	56.5	-0.2	-0.3%
29.6%	56.6	56.4	-0.3	-0.5%
30.9%	56.6	56.3	-0.3	-0.6%
32.1%	56.6	56.3	-0.3	-0.5%
33.3%	56.6	56.2	-0.4	-0.6%
34.6%	56.5	56.1	-0.4	-0.6%
35.8%	56.5	56.1	-0.4	-0.6%
37.0%	56.4	56.1	-0.3	-0.6%
38.3%	56.4	56.1	-0.3	-0.6%
39.5%	56.2	56.1	-0.1	-0.3%
40.7%	56.1	56.1	-0.1	-0.1%
42.0%	56.1	56.1	-0.1	-0.1%
43.2%	56.1	56.1	-0.1	-0.1%
44.4%	56.1	56.0	0.0	-0.1%
45.7%	56.1	56.0	0.0	-0.1%
46.9%	56.1	56.0	0.0	-0.1%
48.1%	56.0	56.0	-0.1	-0.1%
49.4%	56.0	56.0	-0.1	-0.1%
50.6%	55.9	55.9	0.0	0.0%
51.9%	55.8	55.9	0.0	0.0%
53.1%	55.8	55.8	0.0	0.0%
54.3%	55.8	55.8	0.0	0.0%
55.6%	55.8	55.7	0.0	-0.1%
56.8%	55.7	55.7	0.0	-0.1%
58.0%	55.6	55.7	0.1	0.2%
59.3%	55.6	55.7	0.1	0.2%
60.5%	55.6	55.6	0.1	0.1%
61.7%	55.6	55.6	0.1	0.1%
63.0%	55.6	55.6	0.0	0.1%
64.2%	55.5	55.5	0.0	0.0%
65.4%	55.5	55.5	0.0	0.0%
66.7%	55.5	55.5	0.0	0.0%
67.9%	55.5	55.4	0.0	-0.1%
69.1%	55.5	55.4	0.0	0.0%
70.4%	55.4	55.4	0.0	-0.1%
71.6%	55.4	55.4	0.0	0.0%
72.8%	55.4	55.4	0.0	0.0%
74.1%	55.4	55.4	0.0	0.0%
75.3%	55.4	55.4	0.0	0.0%
76.5%	55.4	55.3	-0.1	-0.1%
77.8%	55.3	55.3	0.0	0.0%
79.0%	55.3	55.3	0.0	0.0%
80.2%	55.3	55.2	0.0	-0.1%
81.5%	55.2	55.1	-0.1	-0.2%
82.7%	55.1	55.1	0.0	0.0%
84.0%	55.0	55.1	0.1	0.1%
85.2%	55.0	55.0	0.1	0.1%
86.4%	54.9	54.9	0.0	0.1%
87.7%	54.7	54.9	0.2	0.3%
88.9%	54.7	54.9	0.2	0.4%
90.1%	54.7	54.9	0.2	0.3%
91.4%	54.7	54.8	0.1	0.3%
92.6%	54.6	54.6	0.0	0.0%
93.8%	54.4	54.6	0.2	0.4%
95.1%	54.2	54.4	0.2	0.4%
96.3%	54.2	54.3	0.1	0.2%
97.5%	53.9	54.1	0.2	0.4%
98.8%	53.7	53.9	0.2	0.3%
100.0%	53.5	53.9	0.4	0.7%

September				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.8	65.6	-1.2	-1.8%
1.2%	65.1	64.0	-1.1	-1.7%
2.5%	65.0	63.3	-1.7	-2.6%
3.7%	64.8	63.0	-1.8	-2.8%
4.9%	64.0	63.0	-1.0	-1.6%
6.2%	63.9	62.6	-1.4	-2.1%
7.4%	63.9	61.8	-2.1	-3.3%
8.6%	61.9	61.0	-0.9	-1.5%
9.9%	61.2	60.0	-1.2	-1.9%
11.1%	60.2	59.7	-0.5	-0.8%
12.3%	59.8	59.7	-0.1	-0.2%
13.6%	59.8	59.2	-0.6	-0.9%
14.8%	59.8	59.2	-0.6	-1.0%
16.0%	59.7	58.9	-0.7	-1.3%
17.3%	59.3	58.7	-0.5	-0.9%
18.5%	59.1	58.5	-0.6	-1.1%
19.8%	59.1	58.2	-0.9	-1.5%
21.0%	58.9	58.2	-0.6	-1.1%
22.2%	58.8	58.0	-0.8	-1.3%
23.5%	58.6	58.0	-0.6	-1.1%
24.7%	58.1	57.9	-0.2	-0.3%
25.9%	58.1	57.6	-0.4	-0.8%
27.2%	58.0	57.6	-0.4	-0.7%
28.4%	58.0	57.5	-0.6	-0.9%
29.6%	57.8	57.4	-0.4	-0.7%
30.9%	57.8	57.3	-0.5	-0.9%
32.1%	57.8	57.2	-0.5	-0.9%
33.3%	57.6	57.2	-0.4	-0.7%
34.6%	57.6	57.2	-0.4	-0.6%
35.8%	57.4	57.1	-0.3	-0.5%
37.0%	57.4	57.1	-0.3	-0.5%
38.3%	57.3	57.1	-0.3	-0.5%
39.5%	57.3	57.1	-0.3	-0.5%
40.7%	57.3	57.0	-0.3	-0.6%
42.0%	57.3	57.0	-0.3	-0.5%
43.2%	57.2	57.0	-0.2	-0.3%
44.4%	57.1	56.9	-0.2	-0.4%
45.7%	57.1	56.7	-0.4	-0.7%
46.9%	57.1	56.6	-0.5	-0.9%
48.1%	57.0	56.5	-0.5	-0.8%
49.4%	57.0	56.4	-0.6	-1.0%
50.6%	57.0	56.4	-0.6	-1.1%
51.9%	56.9	56.3	-0.6	-1.1%
53.1%	56.8	56.3	-0.5	-0.8%
54.3%	56.7	56.3	-0.4	-0.7%
55.6%	56.6	56.3	-0.3	-0.6%
56.8%	56.4	56.2	-0.2	-0.3%
58.0%	56.4	56.1	-0.3	-0.5%
59.3%	56.3	56.1	-0.2	-0.3%
60.5%	56.2	56.0	-0.2	-0.4%
61.7%	56.2	56.0	-0.1	-0.3%
63.0%	56.1	55.9	-0.2	-0.3%
64.2%	56.0	55.8	-0.2	-0.3%
65.4%	56.0	55.8	-0.2	-0.4%
66.7%	55.8	55.7	-0.1	-0.2%
67.9%	55.8	55.6	-0.2	-0.3%
69.1%	55.6	55.6	0.0	-0.1%
70.4%	55.6	55.5	-0.1	-0.1%
71.6%	55.6	55.5	-0.1	-0.1%
72.8%	55.6	55.4	-0.1	-0.2%
74.1%	55.5	55.4	-0.1	-0.2%
75.3%	55.5	55.4	-0.1	-0.2%
76.5%	55.4	55.4	0.0	0.0%
77.8%	55.3	55.2	-0.1	-0.2%
79.0%	55.3	55.2	-0.1	-0.2%
80.2%	55.3	55.2	-0.1	-0.2%
81.5%	55.0	55.1	0.0	0.0%
82.7%	55.0	55.0	0.0	0.0%
84.0%	55.0	55.0	0.0	-0.1%
85.2%	55.0	55.0	0.0	-0.1%
86.4%	55.0	55.0	0.0	-0.1%
87.7%	54.9	54.6	-0.3	-0.6%
88.9%	54.8	54.6	-0.3	-0.5%
90.1%	54.8	54.6	-0.2	-0.4%
91.4%	54.6	54.4	-0.3	-0.5%
92.6%	54.5	54.4	-0.1	-0.3%
93.8%	54.5	54.3	-0.2	-0.4%
95.1%	54.4	54.2	-0.2	-0.3%
96.3%	54.1	54.1	0.0	-0.1%
97.5%	54.0	53.8	-0.2	-0.4%
98.8%	52.8	52.9	0.1	0.2%
100.0%	52.7	52.9	0.2	0.4%

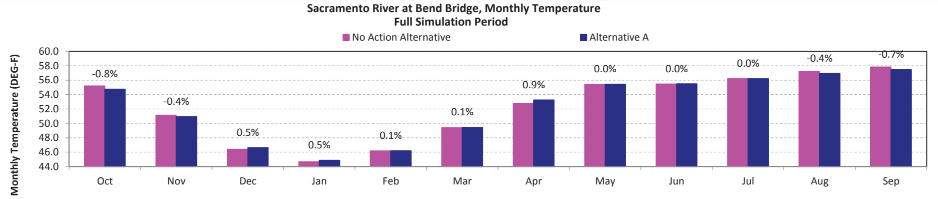
Table SQ-05-3a
Sacramento River at Bend Bridge, Monthly Temperature
Long-term Average and Average by Water Year Type

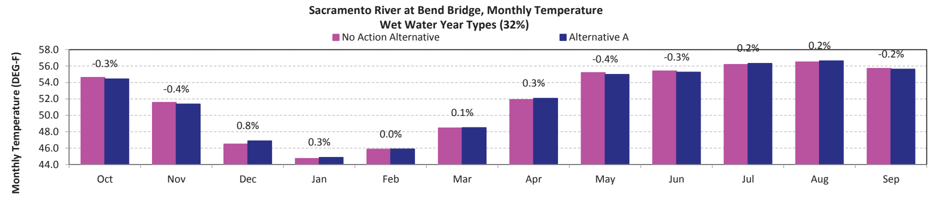
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	55.2	51.1	46.4	44.7	46.2	49.4	52.8	55.4	55.5	56.2	57.2	57.8
Alternative A	54.8	50.9	46.6	44.9	46.2	49.4	53.3	55.4	55.5	56.2	56.9	57.5
Difference	-0.4	-0.2	0.2	0.2	0.0	0.0	0.5	0.0	0.0	0.0	-0.2	-0.4
Percent Difference[3]	-0.8%	-0.4%	0.5%	0.5%	0.1%	0.1%	0.9%	0.0%	0.0%	0.0%	-0.4%	-0.7%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	54.6	51.6	46.5	44.7	45.9	48.5	51.9	55.2	55.4	56.2	56.5	55.7
Alternative A	54.4	51.4	46.9	44.9	45.9	48.5	52.1	55.0	55.3	56.3	56.6	55.6
Difference	-0.2	-0.2	0.4	0.1	0.0	0.0	0.1	-0.2	-0.1	0.1	0.1	-0.1
Percent Difference	-0.3%	-0.4%	0.8%	0.3%	0.0%	0.1%	0.3%	-0.4%	-0.3%	0.2%	0.2%	-0.2%
Above Normal (15%)												
No Action Alternative	54.2	50.9	46.9	44.9	46.2	49.6	53.2	56.0	54.7	55.1	56.6	56.8
Alternative A	53.8	50.7	47.3	45.1	46.2	49.6	53.5	55.7	54.9	55.3	56.7	56.8
Difference	-0.4	-0.1	0.4	0.2	0.0	0.0	0.3	-0.3	0.2	0.2	0.1	0.0
Percent Difference	-0.7%	-0.3%	0.9%	0.4%	0.0%	0.1%	0.5%	-0.5%	0.4%	0.3%	0.1%	0.0%
Below Normal (17%)												
No Action Alternative	53.9	50.6	46.7	44.5	45.8	49.3	53.3	55.5	55.0	55.5	56.2	57.6
Alternative A	53.4	50.4	46.8	44.7	45.8	49.3	53.8	55.6	55.1	55.5	56.3	57.1
Difference	-0.5	-0.2	0.1	0.2	0.0	0.0	0.6	0.2	0.1	0.1	0.0	-0.5
Percent Difference	-0.9%	-0.4%	0.2%	0.4%	0.0%	0.0%	1.1%	0.3%	0.2%	0.1%	0.1%	-0.8%
Dry (22%)												
No Action Alternative	55.5	51.2	46.3	44.6	46.3	50.1	53.3	55.0	55.5	55.7	57.0	58.8
Alternative A	54.8	51.0	46.3	44.9	46.3	50.1	54.1	55.3	55.6	55.6	56.7	58.3
Difference	-0.6	-0.3	0.0	0.4	0.0	0.1	0.7	0.3	0.1	0.0	-0.3	-0.5
Percent Difference	-1.1%	-0.5%	0.0%	0.8%	0.0%	0.1%	1.4%	0.6%	0.2%	-0.1%	-0.6%	-0.9%
Critical (15%)												
No Action Alternative	58.6	51.0	45.5	44.6	46.9	50.3	52.9	55.8	56.9	59.0	60.6	62.3
Alternative A	57.8	50.7	45.7	44.8	47.0	50.4	53.7	56.1	56.9	58.5	59.0	61.2
Difference	-0.8	-0.3	0.2	0.2	0.1	0.1	0.8	0.3	0.0	-0.5	-1.6	-1.1
Percent Difference	-1.3%	-0.5%	0.4%	0.5%	0.2%	0.2%	1.5%	0.5%	-0.1%	-0.8%	-2.6%	-1.8%

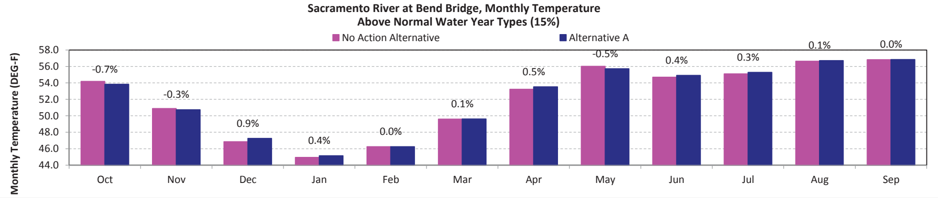
1 Based on the 82-year simulation period

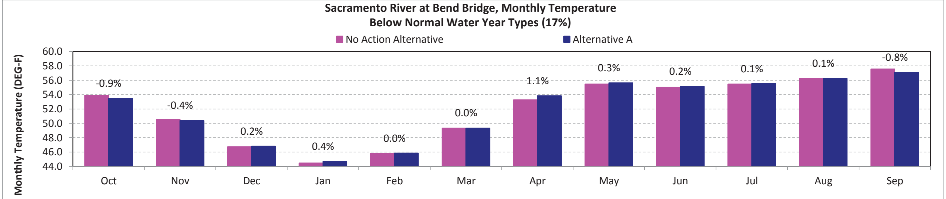
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

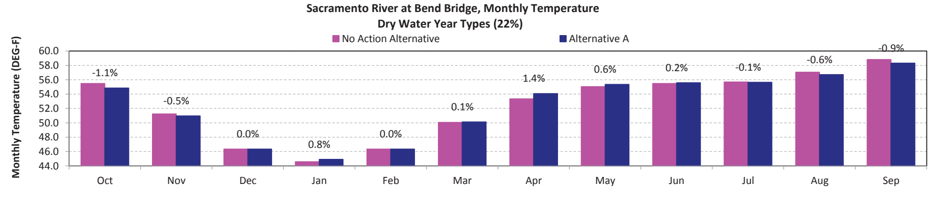
3 Relative difference of the monthly average











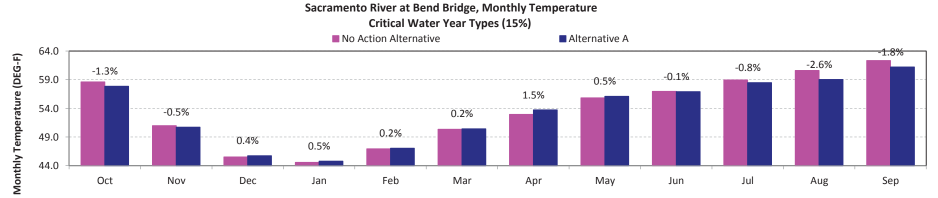


Figure SQ-05-3b
Sacramento River at Bend Bridge, Monthly Temperature
Probability of Exceedance

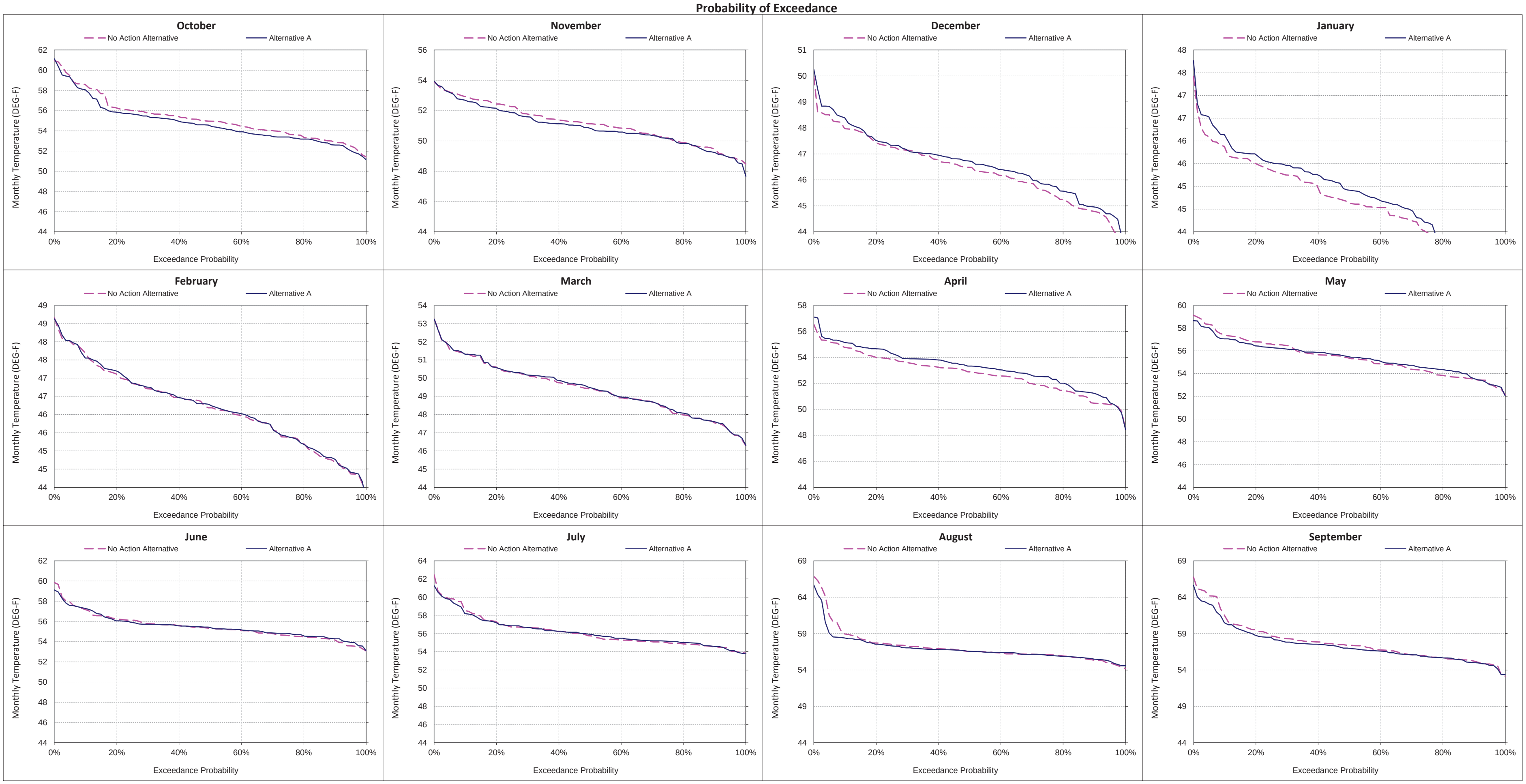


Table SQ-05-3b

Sacramento River at Bend Bridge, Monthly Temperature
Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.9	61.1	0.2	0.3%
1.2%	60.8	60.4	-0.4	-0.7%
2.5%	60.4	59.5	-0.8	-1.4%
3.7%	59.8	59.4	-0.4	-0.6%
4.9%	59.5	59.4	-0.1	-0.2%
6.2%	58.8	58.8	0.0	0.0%
7.4%	58.7	58.3	-0.4	-0.7%
8.6%	58.6	58.1	-0.5	-0.9%
9.9%	58.6	58.1	-0.5	-0.9%
11.1%	58.2	57.7	-0.5	-0.8%
12.3%	58.1	57.2	-0.9	-1.6%
13.6%	58.1	57.1	-1.0	-1.7%
14.8%	57.7	56.3	-1.4	-2.4%
16.0%	57.7	56.2	-1.5	-2.5%
17.3%	56.4	56.0	-0.4	-0.7%
18.5%	56.3	55.9	-0.5	-0.8%
19.8%	56.3	55.9	-0.4	-0.8%
21.0%	56.2	55.8	-0.4	-0.6%
22.2%	56.1	55.7	-0.4	-0.7%
23.5%	56.1	55.7	-0.4	-0.6%
24.7%	56.0	55.7	-0.3	-0.6%
25.9%	56.0	55.6	-0.4	-0.7%
27.2%	55.9	55.6	-0.4	-0.6%
28.4%	55.9	55.5	-0.4	-0.8%
29.6%	55.8	55.5	-0.3	-0.6%
30.9%	55.8	55.3	-0.4	-0.8%
32.1%	55.7	55.3	-0.3	-0.6%
33.3%	55.7	55.3	-0.4	-0.7%
34.6%	55.6	55.2	-0.4	-0.7%
35.8%	55.6	55.2	-0.4	-0.7%
37.0%	55.5	55.2	-0.4	-0.6%
38.3%	55.5	55.1	-0.4	-0.7%
39.5%	55.4	55.0	-0.5	-0.8%
40.7%	55.3	54.9	-0.4	-0.8%
42.0%	55.3	54.8	-0.5	-0.9%
43.2%	55.2	54.8	-0.4	-0.7%
44.4%	55.2	54.8	-0.4	-0.7%
45.7%	55.2	54.6	-0.5	-1.0%
46.9%	55.0	54.6	-0.4	-0.8%
48.1%	55.0	54.6	-0.4	-0.7%
49.4%	55.0	54.6	-0.4	-0.7%
50.6%	54.9	54.4	-0.5	-1.0%
51.9%	54.9	54.4	-0.6	-1.1%
53.1%	54.9	54.3	-0.6	-1.1%
54.3%	54.8	54.2	-0.6	-1.1%
55.6%	54.7	54.1	-0.5	-1.0%
56.8%	54.7	54.1	-0.6	-1.1%
58.0%	54.6	54.0	-0.6	-1.2%
59.3%	54.5	53.9	-0.6	-1.1%
60.5%	54.4	53.9	-0.5	-0.9%
61.7%	54.4	53.8	-0.6	-1.1%
63.0%	54.3	53.7	-0.5	-1.0%
64.2%	54.1	53.7	-0.5	-0.9%
65.4%	54.1	53.6	-0.5	-1.0%
66.7%	54.1	53.6	-0.5	-0.9%
67.9%	54.1	53.5	-0.5	-1.0%
69.1%	54.0	53.5	-0.5	-1.0%
70.4%	54.0	53.4	-0.6	-1.1%
71.6%	54.0	53.4	-0.6	-1.1%
72.8%	53.9	53.4	-0.5	-1.0%
74.1%	53.8	53.4	-0.4	-0.8%
75.3%	53.7	53.4	-0.3	-0.5%
76.5%	53.6	53.3	-0.3	-0.6%
77.8%	53.6	53.3	-0.3	-0.6%
79.0%	53.6	53.2	-0.4	-0.7%
80.2%	53.3	53.2	-0.1	-0.3%
81.5%	53.3	53.2	-0.1	-0.2%
82.7%	53.3	53.1	-0.1	-0.3%
84.0%	53.3	53.0	-0.3	-0.5%
85.2%	53.1	52.9	-0.2	-0.4%
86.4%	53.1	52.9	-0.2	-0.5%
87.7%	53.0	52.8	-0.2	-0.4%
88.9%	53.0	52.6	-0.4	-0.7%
90.1%	52.8	52.6	-0.2	-0.5%
91.4%	52.8	52.6	-0.3	-0.5%
92.6%	52.8	52.5	-0.3	-0.5%
93.8%	52.6	52.2	-0.4	-0.7%
95.1%	52.5	52.0	-0.5	-0.9%
96.3%	52.3	51.9	-0.5	-0.9%
97.5%	52.0	51.7	-0.3	-0.5%
98.8%	51.6	51.5	-0.2	-0.3%
100.0%	51.4	51.2	0.0	-0.5%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.9	53.9	0.0	0.1%
1.2%	53.7	53.7	0.0	0.0%
2.5%	53.4	53.6	0.2	0.4%
3.7%	53.3	53.3	0.0	-0.1%
4.9%	53.2	53.2	0.0	-0.1%
6.2%	53.1	53.1	-0.1	-0.1%
7.4%	53.1	52.8	-0.3	-0.6%
8.6%	53.0	52.7	-0.3	-0.5%
9.9%	52.9	52.7	-0.2	-0.5%
11.1%	52.9	52.6	-0.3	-0.5%
12.3%	52.8	52.6	-0.2	-0.4%
13.6%	52.7	52.5	-0.2	-0.4%
14.8%	52.7	52.3	-0.4	-0.8%
16.0%	52.7	52.2	-0.4	-0.8%
17.3%	52.6	52.2	-0.4	-0.8%
18.5%	52.5	52.2	-0.3	-0.7%
19.8%	52.4	52.2	-0.3	-0.5%
21.0%	52.4	52.0	-0.4	-0.8%
22.2%	52.4	52.0	-0.4	-0.8%
23.5%	52.3	51.9	-0.4	-0.8%
24.7%	52.3	51.9	-0.4	-0.8%
25.9%	52.3	51.8	-0.4	-0.8%
27.2%	52.0	51.7	-0.4	-0.7%
28.4%	51.8	51.6	-0.2	-0.3%
29.6%	51.8	51.6	-0.2	-0.4%
30.9%	51.7	51.6	-0.1	-0.3%
32.1%	51.7	51.4	-0.4	-0.7%
33.3%	51.7	51.2	-0.4	-0.8%
34.6%	51.6	51.2	-0.4	-0.8%
35.8%	51.5	51.2	-0.3	-0.5%
37.0%	51.5	51.2	-0.3	-0.6%
38.3%	51.4	51.1	-0.3	-0.6%
39.5%	51.4	51.1	-0.3	-0.5%
40.7%	51.4	51.1	-0.2	-0.5%
42.0%	51.3	51.1	-0.2	-0.4%
43.2%	51.3	51.1	-0.2	-0.5%
44.4%	51.3	51.0	-0.2	-0.4%
45.7%	51.3	51.0	-0.3	-0.5%
46.9%	51.2	51.0	-0.2	-0.4%
48.1%	51.2	50.9	-0.3	-0.5%
49.4%	51.1	50.9	-0.3	-0.5%
50.6%	51.1	50.8	-0.3	-0.7%
51.9%	51.1	50.7	-0.4	-0.8%
53.1%	51.1	50.7	-0.4	-0.8%
54.3%	51.1	50.7	-0.4	-0.8%
55.6%	51.0	50.6	-0.3	-0.6%
56.8%	50.9	50.6	-0.3	-0.6%
58.0%	50.9	50.6	-0.3	-0.5%
59.3%	50.9	50.6	-0.3	-0.5%
60.5%	50.8	50.6	-0.3	-0.5%
61.7%	50.8	50.5	-0.3	-0.6%
63.0%	50.8	50.5	-0.3	-0.6%
64.2%	50.7	50.5	-0.2	-0.5%
65.4%	50.6	50.5	-0.1	-0.3%
66.7%	50.5	50.5	-0.1	-0.1%
67.9%	50.5	50.4	-0.1	-0.2%
69.1%	50.4	50.4	-0.1	-0.1%
70.4%	50.4	50.3	-0.1	-0.2%
71.6%	50.3	50.3	0.0	0.0%
72.8%	50.3	50.2	-0.1	-0.1%
74.1%	50.2	50.2	0.0	-0.1%
75.3%	50.2	50.1	0.0	-0.1%
76.5%	50.0	50.1	0.1	0.2%
77.8%	50.0	49.9	-0.1	-0.2%
79.0%	49.9	49.8	-0.1	-0.1%
80.2%	49.9	49.8	0.0	-0.1%
81.5%	49.8	49.8	0.0	0.0%
82.7%	49.7	49.7	0.0	0.1%
84.0%	49.7	49.7	0.0	0.0%
85.2%	49.6	49.5	-0.1	-0.2%
86.4%	49.6	49.4	-0.2	-0.4%
87.7%	49.6	49.3	-0.3	-0.6%
88.9%	49.5	49.3	-0.3	-0.5%
90.1%	49.4	49.2	-0.2	-0.4%
91.4%	49.2	49.1	-0.1	-0.2%
92.6%	49.1	49.1	-0.1	-0.1%
93.8%	48.9	49.0	0.0	0.1%
95.1%	48.9	48.9	0.0	0.0%
96.3%	48.9	48.9	0.0	0.0%
97.5%	48.8	48.6	-0.2	-0.4%
98.8%	48.7	48.5	-0.2	-0.4%
100.0%	48.5	47.7	-0.8	-1.7%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.0	50.2	0.3	0.5%
1.2%	48.6	49.5	0.9	1.8%
2.5%	48.6	48.8	0.3	0.5%
3.7%	48.5	48.8	0.3	0.7%
4.9%	48.5	48.8	0.3	0.7%
6.2%	48.3	48.7	0.4	0.9%
7.4%	48.2	48.5	0.3	0.5%
8.6%	48.2	48.4	0.2	0.4%
9.9%	48.0	48.4	0.4	0.9%
11.1%	48.0	48.2	0.2	0.4%
12.3%	47.9	48.1	0.2	0.3%
13.6%	47.9	48.0	0.1	0.3%
14.8%	47.9	48.0	0.1	0.3%
16.0%	47.8	47.9	0.1	0.1%
17.3%	47.7	47.7	0.0	0.0%
18.5%	47.6	47.7	0.1	0.2%
19.8%	47.5	47.5	0.1	0.2%
21.0%	47.4	47.5	0.1	0.2%
22.2%	47.3	47.4	0.1	0.2%
23.5%	47.3	47.4	0.1	0.2%
24.7%	47.3	47.3	0.1	0.2%
25.9%	47.3	47.3	0.1	0.2%
27.2%	47.2	47.3	0.1	0.3%
28.4%	47.2	47.2	0.1	0.1%
29.6%	47.1	47.2	0.0	0.1%
30.9%	47.1	47.1	-0.1	-0.1%
32.1%	47.1	47.1	0.0	-0.1%
33.3%	47.1	47.1	0.0	0.0%
34.6%	47.0	47.0	0.1	0.2%
35.8%	46.9	47.0	0.1	0.2%
37.0%	46.9	47.0	0.1	0.2%
38.3%	46.8	47.0	0.2	0.4%
39.5%	46.8	47.0	0.2	0.4%
40.7%	46.7	46.9	0.2	0.5%
42.0%	46.7	46.9	0.2	0.5%
43.2%	46.7	46.9	0.2	0.4%
44.4%	46.6	46.8	0.2	0.4%
45.7%	46.6	46.8	0.2	0.5%
46.9%	46.5	46.8	0.3	0.6%
48.1%	46.5	46.7	0.2	0.5%
49.4%	46.5	46.7	0.2	0.5%
50.6%	46.5	46.7	0.2	0.5%
51.9%	46.3	46.6	0.3	0.6%
53.1%	46.3	46.6	0.3	0.6%
54.3%	46.3	46.6	0.3	0.6%
55.6%	46.3	46.5	0.3	0.6%
56.8%	46.3	46.5	0.2	0.5%
58.0%	46.3	46.5	0.2	0.5%
59.3%	46.2	46.4	0.2	0.5%
60.5%	46.2	46.4	0.2	0.5%
61.7%	46.2	46.4	0.2	0.5%
63.0%	46.1	46.3	0.3	0.6%
64.2%	46.0	46.3	0.3	0.6%
65.4%	45.9	46.3	0.3	0.7%
66.7%	45.9	46.3	0.3	0.7%
67.9%	45.9	46.2	0.3	0.7%
69.1%	45.9	46.2	0.3	0.6%
70.4%	45.9	46.0	0.1	0.3%
71.6%	45.7	46.0	0.3	0.6%
72.8%	45.6	45.9	0.2	0.5%
74.1%	45.6	45.8	0.2	0.5%
75.3%	45.5	45.8	0.3	0.7%
76.5%	45.4	45.8	0.3	0.8%
77.8%	45.4	45.7	0.4	0.8%
79.0%	45.2	45.6	0.3	0.7%
80.2%	45.2	45.6	0.3	0.7%
81.5%	45.2	45.5	0.4	0.8%
82.7%	45.0	45.5	0.5	1.1%
84.0%	45.0	45.5	0.5	1.1%
85.2%	44.9	45.1	0.1	0.3%
86.4%	44.9	45.0	0.2	0.4%
87.7%	44.9	45.0	0.1	0.3%
88.9%	44.8	45.0	0.2	0.4%
90.1%	44.8	45.0	0.2	0.4%
91.4%	44.7	44.9	0.2	0.4%
92.6%	44.7	44.8	0.2	0.4%
93.8%	44.6	44.7	0.1	0.3%
95.1%	44.3	44.7	0.4	0.8%
96.3%	44.0	44.6	0.6	1.3%
97.5%	43.8	44.5	0.6	1.5%
98.8%	43.8	43.8	0.0	0.0%
100.0%	42.6	42.8	0.3	0.6%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.4	47.8	0.4	0.7%
1.2%	46.7	46.8	0.1	0.3%
2.5%	46.3	46.6	0.3	0.6%
3.7%	46.1	46.6	0.4	0.9%
4.9%	46.1	46.5	0.4	1.0%
6.2%	46.0	46.3	0.4	0.8%
7.4%	46.0	46.3	0.3	0.6%
8.6%	45.9	46.1	0.2	0.5%
9.9%	45.9	46.1	0.3	0.6%
11.1%	45.7	46.0	0.3	0.7%
12.3%	45.6	45.8	0.2	0.4%
13.6%	45.6	45.8	0.1	0.3%
14.8%	45.6	45.7	0.1	0.3%
16.0%	45.6	45.7	0.1	0.3%
17.3%	45.6	45.7	0.1	0.2%
18.5%	45.5	45.7	0.2	0.4%
19.8%	45.5	45.7	0.2	0.5%
21.0%	45.5	45.6	0.2	0.4%
22.2%	45.4	45.6	0.1	0.3%
23.5%	45.4	45.5	0.2	0.3%
24.7%	45.4	45.5	0.2	0.4%
25.9%	45.3	45.5	0.2	0.4%
27.2%	45.3	45.5	0.2	0.4%
28.4%	45.3	45.5	0.2	0.5%
29.6%	45.3	45.5	0.2	0.5%
30.9%	45.2	45.5	0.2	0.5%
32.1%	45.2	45.4	0.2	0.4%
33.3%	45.2	45.4	0.2	0.4%
34.6%	45.1	45.4	0.3	0.7%
35.8%	45.1	45.3	0.2	0.5%
37.0%	45.1	45.3	0.2	0.5%
38.3%	45.1	45.3	0.2	0.4%
39.5%	45.0	45.3	0.2	0.5%
40.7%	44.8	45.2	0.4	0.9%
42.0%	44.8	45.2	0.3	0.8%
43.2%	44.8	45.1	0.4	0.8%
44.4%	44.8	45.1	0.4	0.8%
45.7%	44.7	45.1	0.3	0.8%
46.9%	44.7	45.1	0.4	0.8%
48.1%	44.7	44.9	0.3	0.6%
49.4%	44.7	44.9	0.3	0.6%
50.6%	44.6	44.9	0.3	0.6%
51.9%	44.6	44.9	0.3	0.7%
53.1%	44.6	44.9	0.3	0.6%
54.3%	44.6	44.8	0.2	0.5%
55.6%	44.6	44.8	0.2	0.5%
56.8%	44.5	44.8	0.2	0.5%
58.0%	44.5	44.8	0.2	0.5%
59.3%	44.5	44.7	0.2	0.4%
60.5%	44.5	44.7	0.1	0.3%
61.7%	44.5	44.7	0.1	0.3%
63.0%	44.4	44.6	0.3	0.6%
64.2%	44.4	44.6	0.2	0.6%
65.4%	44.3	44.6	0.2	0.6%
66.7%	44.3	44.6	0.2	0.5%
67.9%	44.3	44.5	0.2	0.5%
69.1%	44.3	44.5	0.2	0.5%
70.4%	44.2	44.5	0.2	0.5%
71.6%	44.2	44.3	0.1	0.2%
72.8%	44.1	44.3	0.2	0.5%
74.1%	44.0	44.2	0.2	0.4%
75.3%	44.0	44.2	0.2	0.5%
76.5%	44.0	44.2	0.2	0.4%
77.8%	43.9	43.9	0.1	0.1%
79.0%	43.8	43.9	0.0	0.1%
80.2%	43.7	43.7	0.1	0.2%
81.5%	43.6	43.7	0.1	0.3%
82.7%	43.6	43.7	0.2	0.3%
84.0%	43.5	43.7	0.2	0.4%
85.2%	43.5	43.7	0.2	0.4%
86.4%	43.5	43.7	0.2	0.5%
87.7%	43.5	43.7	0.2	0.4%
88.9%	43.4	43.6	0.1	0.3%
90.1%	43.4	43.6	0.1	0.3%
91.4%	43.4	43.5	0.2	0.4%
92.6%	43.3	43.5	0.2	0.4%
93.8%	43.3	43.5	0.2	0.5%
95.1%	43.2	43.5	0.3	0.6%
96.3%	42.8	42.8	0.0	0.1%
97.5%	42.7	42.8	0.1	0.2%
98.8%	42.6	42.8	0.2	0.5%
100.0%	42.2	42.6	0.4	1.0%

Table SQ-05-3b

Sacramento River at Bend Bridge, Monthly Temperature
Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	48.7	48.6	0.0	-0.1%
1.2%	48.4	48.4	0.1	0.2%
2.5%	48.1	48.2	0.1	0.2%
3.7%	48.0	48.0	0.0	0.0%
4.9%	48.0	48.0	0.0	0.0%
6.2%	47.9	48.0	0.0	0.1%
7.4%	47.9	47.9	0.0	0.0%
8.6%	47.8	47.7	-0.1	-0.2%
9.9%	47.7	47.6	-0.1	-0.3%
11.1%	47.5	47.5	0.0	0.0%
12.3%	47.4	47.5	0.1	0.1%
13.6%	47.4	47.5	0.1	0.2%
14.8%	47.3	47.4	0.1	0.2%
16.0%	47.2	47.3	0.1	0.1%
17.3%	47.2	47.2	0.1	0.1%
18.5%	47.2	47.2	0.1	0.1%
19.8%	47.1	47.2	0.1	0.2%
21.0%	47.0	47.1	0.1	0.3%
22.2%	47.0	47.1	0.1	0.2%
23.5%	47.0	47.0	0.0	0.1%
24.7%	46.9	46.9	0.0	0.0%
25.9%	46.8	46.9	0.0	0.0%
27.2%	46.8	46.8	0.0	0.0%
28.4%	46.8	46.8	0.0	0.1%
29.6%	46.7	46.8	0.0	0.1%
30.9%	46.7	46.7	0.0	0.1%
32.1%	46.7	46.7	0.0	-0.1%
33.3%	46.6	46.6	0.0	0.0%
34.6%	46.6	46.6	0.0	0.0%
35.8%	46.6	46.6	0.0	0.0%
37.0%	46.5	46.6	0.0	0.1%
38.3%	46.5	46.5	0.1	0.1%
39.5%	46.5	46.5	0.0	0.0%
40.7%	46.5	46.5	0.0	0.0%
42.0%	46.4	46.4	0.0	0.0%
43.2%	46.4	46.4	0.0	0.0%
44.4%	46.4	46.4	0.0	0.0%
45.7%	46.4	46.3	-0.1	-0.2%
46.9%	46.4	46.3	-0.1	-0.1%
48.1%	46.2	46.3	0.1	0.1%
49.4%	46.2	46.3	0.1	0.2%
50.6%	46.2	46.2	0.1	0.1%
51.9%	46.1	46.2	0.1	0.1%
53.1%	46.1	46.2	0.0	0.1%
54.3%	46.1	46.1	0.0	0.0%
55.6%	46.1	46.1	0.0	0.0%
56.8%	46.0	46.1	0.0	0.1%
58.0%	46.0	46.1	0.1	0.1%
59.3%	46.0	46.0	0.1	0.1%
60.5%	45.9	46.0	0.1	0.1%
61.7%	45.9	46.0	0.1	0.1%
63.0%	45.9	45.9	0.1	0.1%
64.2%	45.8	45.9	0.1	0.1%
65.4%	45.8	45.8	0.0	0.0%
66.7%	45.8	45.8	0.0	0.0%
67.9%	45.8	45.8	0.0	0.0%
69.1%	45.7	45.7	0.0	0.0%
70.4%	45.6	45.6	0.0	0.0%
71.6%	45.5	45.5	0.0	-0.1%
72.8%	45.4	45.4	0.0	0.1%
74.1%	45.4	45.4	0.0	0.1%
75.3%	45.4	45.4	0.0	0.0%
76.5%	45.4	45.4	0.0	0.0%
77.8%	45.3	45.3	0.0	0.0%
79.0%	45.2	45.2	0.0	0.0%
80.2%	45.2	45.2	0.0	0.0%
81.5%	45.1	45.1	0.0	0.1%
82.7%	45.0	45.1	0.1	0.1%
84.0%	44.9	45.0	0.1	0.1%
85.2%	44.9	44.9	0.1	0.2%
86.4%	44.8	44.8	0.0	0.1%
87.7%	44.8	44.8	0.0	0.1%
88.9%	44.8	44.8	0.1	0.1%
90.1%	44.7	44.8	0.1	0.2%
91.4%	44.6	44.6	0.0	-0.1%
92.6%	44.5	44.6	0.0	0.1%
93.8%	44.5	44.5	0.0	0.0%
95.1%	44.4	44.4	0.0	0.1%
96.3%	44.4	44.4	0.0	0.1%
97.5%	44.3	44.4	0.0	0.0%
98.8%	44.1	44.2	0.0	0.1%
100.0%	43.6	43.6	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.2	53.2	0.0	0.0%
1.2%	52.7	52.7	0.0	-0.1%
2.5%	52.1	52.1	0.1	0.1%
3.7%	52.0	52.0	-0.1	-0.1%
4.9%	51.6	51.8	0.2	0.4%
6.2%	51.5	51.5	0.0	0.0%
7.4%	51.5	51.5	0.1	0.1%
8.6%	51.4	51.5	0.0	0.1%
9.9%	51.3	51.3	0.0	0.0%
11.1%	51.3	51.3	0.0	0.0%
12.3%	51.2	51.3	0.1	0.2%
13.6%	51.2	51.3	0.1	0.2%
14.8%	51.2	51.3	0.1	0.2%
16.0%	50.8	50.9	0.1	0.1%
17.3%	50.8	50.9	0.0	0.1%
18.5%	50.6	50.6	0.0	0.0%
19.8%	50.6	50.6	0.0	-0.1%
21.0%	50.5	50.5	0.0	0.1%
22.2%	50.4	50.4	0.0	0.1%
23.5%	50.4	50.4	0.0	0.1%
24.7%	50.3	50.4	0.0	0.1%
25.9%	50.3	50.3	0.0	0.0%
27.2%	50.3	50.3	0.0	0.0%
28.4%	50.2	50.3	0.1	0.1%
29.6%	50.2	50.2	0.0	0.0%
30.9%	50.1	50.1	0.1	0.1%
32.1%	50.1	50.1	0.1	0.1%
33.3%	50.0	50.1	0.1	0.2%
34.6%	50.0	50.1	0.1	0.2%
35.8%	50.0	50.1	0.1	0.1%
37.0%	49.9	50.1	0.2	0.3%
38.3%	49.9	50.0	0.2	0.3%
39.5%	49.8	49.9	0.1	0.2%
40.7%	49.7	49.9	0.1	0.3%
42.0%	49.7	49.8	0.1	0.2%
43.2%	49.7	49.7	0.1	0.1%
44.4%	49.6	49.7	0.1	0.1%
45.7%	49.6	49.7	0.1	0.1%
46.9%	49.5	49.7	0.1	0.3%
48.1%	49.5	49.6	0.2	0.3%
49.4%	49.4	49.5	0.1	0.2%
50.6%	49.4	49.5	0.1	0.2%
51.9%	49.4	49.4	0.0	0.1%
53.1%	49.3	49.3	0.0	0.0%
54.3%	49.3	49.3	0.0	0.0%
55.6%	49.3	49.3	0.0	0.0%
56.8%	49.2	49.1	0.0	-0.1%
58.0%	49.0	49.1	0.0	0.1%
59.3%	48.9	49.0	0.1	0.1%
60.5%	48.9	49.0	0.0	0.1%
61.7%	48.9	48.9	0.1	0.2%
63.0%	48.9	48.9	0.0	0.1%
64.2%	48.9	48.8	0.0	0.0%
65.4%	48.8	48.8	0.0	0.0%
66.7%	48.8	48.8	-0.1	-0.1%
67.9%	48.7	48.7	0.0	0.0%
69.1%	48.7	48.7	0.0	0.0%
70.4%	48.7	48.7	0.0	0.0%
71.6%	48.7	48.6	-0.1	-0.1%
72.8%	48.4	48.5	0.1	0.1%
74.1%	48.4	48.4	0.0	0.1%
75.3%	48.3	48.3	0.0	0.0%
76.5%	48.1	48.3	0.2	0.4%
77.8%	48.1	48.1	0.1	0.1%
79.0%	48.0	48.1	0.1	0.2%
80.2%	48.0	48.1	0.1	0.2%
81.5%	47.9	48.0	0.1	0.1%
82.7%	47.8	47.8	0.0	-0.1%
84.0%	47.8	47.8	0.0	0.0%
85.2%	47.8	47.8	0.0	0.0%
86.4%	47.7	47.7	0.0	0.0%
87.7%	47.7	47.7	0.0	0.0%
88.9%	47.6	47.6	0.0	0.0%
90.1%	47.5	47.6	0.1	0.1%
91.4%	47.5	47.5	0.0	0.1%
92.6%	47.4	47.5	0.1	0.1%
93.8%	47.3	47.3	0.0	0.0%
95.1%	47.0	47.0	0.0	0.0%
96.3%	46.9	46.9	0.0	0.0%
97.5%	46.8	46.9	0.0	0.1%
98.8%	46.6	46.7	0.1	0.2%
100.0%	46.3	46.3	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.5	57.1	0.6	1.0%
1.2%	55.8	57.0	1.2	2.2%
2.5%	55.3	55.6	0.3	0.5%
3.7%	55.3	55.4	0.1	0.2%
4.9%	55.2	55.4	0.2	0.4%
6.2%	55.1	55.3	0.2	0.4%
7.4%	55.1	55.3	0.2	0.4%
8.6%	54.9	55.3	0.4	0.7%
9.9%	54.8	55.2	0.4	0.7%
11.1%	54.7	55.1	0.4	0.7%
12.3%	54.7	55.1	0.4	0.7%
13.6%	54.5	54.8	0.3	0.6%
14.8%	54.4	54.8	0.4	0.7%
16.0%	54.3	54.7	0.5	0.9%
17.3%	54.1	54.7	0.6	1.1%
18.5%	54.1	54.7	0.6	1.0%
19.8%	54.0	54.7	0.7	1.2%
21.0%	54.0	54.6	0.7	1.2%
22.2%	53.9	54.6	0.7	1.3%
23.5%	53.9	54.5	0.6	1.1%
24.7%	53.9	54.3	0.5	0.9%
25.9%	53.8	54.2	0.4	0.7%
27.2%	53.7	54.1	0.4	0.8%
28.4%	53.7	53.9	0.2	0.5%
29.6%	53.6	53.9	0.3	0.5%
30.9%	53.6	53.9	0.3	0.6%
32.1%	53.5	53.9	0.4	0.7%
33.3%	53.4	53.9	0.5	0.9%
34.6%	53.4	53.9	0.5	0.9%
35.8%	53.4	53.9	0.5	0.9%
37.0%	53.3	53.9	0.5	1.0%
38.3%	53.3	53.8	0.5	1.0%
39.5%	53.3	53.8	0.6	1.0%
40.7%	53.2	53.8	0.6	1.1%
42.0%	53.2	53.7	0.5	1.0%
43.2%	53.2	53.6	0.5	0.9%
44.4%	53.2	53.6	0.4	0.7%
45.7%	53.1	53.5	0.4	0.8%
46.9%	53.1	53.4	0.4	0.7%
48.1%	53.0	53.4	0.4	0.8%
49.4%	52.9	53.3	0.4	0.8%
50.6%	52.9	53.3	0.4	0.8%
51.9%	52.8	53.3	0.5	0.9%
53.1%	52.8	53.3	0.5	1.0%
54.3%	52.8	53.2	0.5	0.9%
55.6%	52.7	53.2	0.5	0.9%
56.8%	52.6	53.1	0.5	0.9%
58.0%	52.6	53.1	0.5	1.0%
59.3%	52.6	53.0	0.5	0.9%
60.5%	52.6	53.0	0.5	0.9%
61.7%	52.5	53.0	0.4	0.8%
63.0%	52.5	52.9	0.4	0.8%
64.2%	52.4	52.9	0.5	0.9%
65.4%	52.4	52.8	0.4	0.8%
66.7%	52.4	52.8	0.4	0.8%
67.9%	52.2	52.8	0.6	1.1%
69.1%	52.0	52.7	0.7	1.3%
70.4%	52.0	52.6	0.6	1.2%
71.6%	51.9	52.5	0.7	1.3%
72.8%	51.8	52.5	0.7	1.3%
74.1%	51.8	52.5	0.7	1.3%
75.3%	51.7	52.5	0.8	1.6%
76.5%	51.6	52.3	0.7	1.3%
77.8%	51.6	52.3	0.7	1.3%
79.0%	51.5	52.0	0.6	1.1%
80.2%	51.5	52.0	0.5	1.1%
81.5%	51.4	51.9	0.5	1.0%
82.7%	51.3	51.7	0.4	0.7%
84.0%	51.2	51.4	0.2	0.4%
85.2%	51.0	51.4	0.4	0.7%
86.4%	51.0	51.3	0.3	0.6%
87.7%	50.9	51.3	0.4	0.7%
88.9%	50.5	51.3	0.8	1.6%
90.1%	50.5	51.2	0.7	1.5%
91.4%	50.4	51.1	0.7	1.3%
92.6%	50.4	50.9	0.5	1.0%
93.8%	50.4	50.9	0.5	1.0%
95.1%	50.4	50.5	0.1	0.3%
96.3%	50.3	50.4	0.0	0.1%
97.5%	50.2	50.1	-0.1	-0.1%
98.8%	49.8	49.7	-0.1	-0.2%
100.0%	48.5	48.5	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.1	58.6	-0.5	-0.8%
1.2%	59.0	58.6	-0.4	-0.6%
2.5%	58.8	58.1	-0.7	-1.1%
3.7%	58.4	58.1	-0.3	-0.5%
4.9%	58.3	58.1	-0.3	-0.5%
6.2%	58.3	57.7	-0.5	-0.9%
7.4%	57.7	57.3	-0.4	-0.8%
8.6%	57.5	57.1	-0.4	-0.8%
9.9%	57.4	57.1	-0.3	-0.6%
11.1%	57.3	57.0	-0.3	-0.5%
12.3%	57.3	57.0	-0.3	-0.5%
13.6%	57.2	57.0	-0.3	-0.5%
14.8%	57.2	56.7	-0.4	-0.7%
16.0%	57.0	56.7	-0.3	-0.6%
17.3%	56.9	56.6	-0.3	-0.5%
18.5%	56.9	56.6	-0.3	-0.5%
19.8%	56.8	56.4	-0.3	-0.6%
21.0%	56.8	56.4	-0.4	-0.6%
22.2%	56.8	56.4	-0.4	-0.7%
23.5%	56.6	56.3	-0.3	-0.5%
24.7%	56.6	56.3	-0.3	-0.5%
25.9%	56.5	56.3	-0.3	-0.5%
27.2%	56.5	56.2	-0.3	-0.5%
28.4%	56.5	56.2	-0.3	-0.6%
29.6%	56.5	56.2	-0.3	-0.5%
30.9%	56.4	56.1	-0.3	-0.5%
32.1%	56.2	56.1	-0.1	-0.2%
33.3%	56.0	56.1	0.1	0.2%
34.6%	55.9	56.0	0.1	0.3%
35.8%	55.8	55.9	0.1	0.1%
37.0%	55.8	55.9	0.1	0.2%
38.3%	55.7	55.9	0.2	0.3%
39.5%	55.7	55.9	0.2	0.4%
40.7%	55.6	55.9	0.2	0.4%
42.0%	55.6	55.8	0.2	0.4%
43.2%	55.6	55.8	0.1	0.3%
44.4%	55.6	55.7	0.1	0.2%
45.7%	55.6	55.7	0.1	0.2%
46.9%	55.5	55.6	0.1	0.2%
48.1%	55.4	55.6	0.1	0.2%
49.4%	55.4	55.5	0.1	0.2%
50.6%	55.3	55.4	0.1	0.2%
51.9%	55.3	55.4	0.1	0.2%
53.1%	55.3	55.4	0.1	0.2%
54.3%	55.2	55.3	0.1	0.2%
55.6%	55.2	55.3	0.1	0.2%
56.8%	55.1	55.3	0.2	0.3%
58.0%	54.9	55.2	0.3	0.5%
59.3%	54.9	55.2	0.3	0.5%
60.5%	54.8	55.0	0.2	0.3%
61.7%	54.8	54.9	0.1	0.2%
63.0%	54.8	54.9	0.1	0.2%
64.2%	54.8	54.9	0.2	0.3%
65.4%	54.7	54.9	0.1	0.2%
66.7%	54.7	54.8	0.1	0.2%
67.9%	54.6	54.8	0.2	0.4%
69.1%	54.4	54.7	0.3	0.6%
70.4%	54.4	54.7	0.4	0.7%
71.6%	54.3	54.6	0.3	0.5%
72.8%	54.3	54.5	0.2	0.4%
74.1%	54.3	54.5	0.3	0.5%
75.3%	54.2	54.5	0.3	0.5%
76.5%	54.1	54.5	0.4	0.7%
77.8%	53.9	54.4	0.5	1.0%
79.0%	53.9	54.4	0.5	0.9%
80.2%	53.8	54.4	0.5	1.0%
81.5%	53.8	54.3	0.5	1.0%
82.7%	53.7	54.2	0.5	1.0%
84.0%	53.7	54.2	0.5	0.9%
85.2%	53.7	54.1	0.5	0.9%
86.4%	53.7	54.0	0.3	0.6%
87.7%	53.6	54.0	0.4	0.7%
88.9%	53.6	53.7	0.1	0.2%
90.1%	53.5	53.5	0.1	0.2%
91.4%	53.4	53.5	0.0	0.0%
92.6%	53.4	53.4	0.0	0.0%
93.8%	53.4	53.2	-0.2	-0.3%
95.1%	53.1	53.0	-0.1	-0.1%
96.3%	52.9	53.0	0.1	0.1%
97.5%	52.7	52.9	0.2	0.3%
98.8%	52.6	52.8	0.2	0.3%
100.0%	52.1	52.0	-0.1	-0.2%

Table SQ-05-3b

Sacramento River at Bend Bridge, Monthly Temperature

Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.9	59.1	-0.7	-1.2%
1.2%	59.7	58.9	-0.8	-1.3%
2.5%	58.4	58.3	-0.1	-0.2%
3.7%	58.0	57.8	-0.2	-0.4%
4.9%	57.9	57.6	-0.4	-0.6%
6.2%	57.6	57.6	0.0	0.0%
7.4%	57.5	57.5	0.0	0.0%
8.6%	57.3	57.4	0.1	0.1%
9.9%	57.2	57.3	0.1	0.1%
11.1%	57.0	57.2	0.2	0.3%
12.3%	56.6	57.0	0.4	0.7%
13.6%	56.6	56.8	0.2	0.4%
14.8%	56.6	56.7	0.2	0.3%
16.0%	56.5	56.4	-0.1	-0.1%
17.3%	56.5	56.3	-0.1	-0.2%
18.5%	56.3	56.2	-0.1	-0.1%
19.8%	56.3	56.1	-0.2	-0.4%
21.0%	56.2	56.0	-0.2	-0.3%
22.2%	56.2	56.0	-0.1	-0.2%
23.5%	56.1	56.0	-0.1	-0.2%
24.7%	56.1	55.9	-0.2	-0.4%
25.9%	56.1	55.8	-0.3	-0.5%
27.2%	56.0	55.7	-0.3	-0.5%
28.4%	55.9	55.7	-0.1	-0.2%
29.6%	55.8	55.7	0.0	-0.1%
30.9%	55.8	55.7	0.0	-0.1%
32.1%	55.8	55.7	-0.1	-0.1%
33.3%	55.7	55.7	0.0	0.0%
34.6%	55.7	55.7	0.0	0.0%
35.8%	55.7	55.7	0.0	0.0%
37.0%	55.7	55.7	0.0	0.0%
38.3%	55.7	55.6	0.0	0.0%
39.5%	55.6	55.6	0.0	0.0%
40.7%	55.6	55.6	0.0	0.0%
42.0%	55.5	55.5	0.0	0.0%
43.2%	55.5	55.5	0.0	0.0%
44.4%	55.4	55.5	0.1	0.1%
45.7%	55.4	55.5	0.0	0.1%
46.9%	55.4	55.5	0.1	0.1%
48.1%	55.4	55.4	0.1	0.1%
49.4%	55.3	55.4	0.1	0.2%
50.6%	55.3	55.3	0.0	0.0%
51.9%	55.3	55.3	0.0	0.0%
53.1%	55.3	55.3	0.0	0.0%
54.3%	55.2	55.3	0.0	0.1%
55.6%	55.2	55.2	0.0	0.1%
56.8%	55.2	55.2	0.0	0.1%
58.0%	55.2	55.2	0.0	0.1%
59.3%	55.1	55.2	0.0	0.1%
60.5%	55.1	55.1	0.0	0.1%
61.7%	55.1	55.1	0.0	0.0%
63.0%	55.0	55.1	0.0	0.0%
64.2%	55.0	55.1	0.1	0.1%
65.4%	54.9	55.1	0.2	0.4%
66.7%	54.8	55.0	0.1	0.3%
67.9%	54.8	54.9	0.0	0.0%
69.1%	54.8	54.9	0.0	0.1%
70.4%	54.8	54.8	0.1	0.1%
71.6%	54.7	54.8	0.2	0.3%
72.8%	54.7	54.8	0.2	0.3%
74.1%	54.6	54.8	0.2	0.3%
75.3%	54.6	54.8	0.2	0.3%
76.5%	54.6	54.7	0.2	0.3%
77.8%	54.5	54.7	0.2	0.3%
79.0%	54.5	54.7	0.2	0.4%
80.2%	54.5	54.5	0.1	0.1%
81.5%	54.4	54.5	0.1	0.2%
82.7%	54.4	54.5	0.1	0.1%
84.0%	54.4	54.5	0.1	0.2%
85.2%	54.3	54.5	0.1	0.3%
86.4%	54.3	54.5	0.2	0.3%
87.7%	54.3	54.4	0.1	0.2%
88.9%	54.2	54.3	0.1	0.1%
90.1%	54.1	54.3	0.1	0.2%
91.4%	53.9	54.3	0.4	0.7%
92.6%	53.9	54.0	0.2	0.3%
93.8%	53.6	54.0	0.4	0.8%
95.1%	53.6	53.9	0.3	0.6%
96.3%	53.5	53.9	0.4	0.7%
97.5%	53.5	53.6	0.1	0.1%
98.8%	53.3	53.6	0.3	0.5%
100.0%	53.1	53.1	0.0	0.0%

July				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	62.5	61.2	-1.2	-2.0%
1.2%	60.7	60.6	-0.1	-0.2%
2.5%	60.2	60.1	-0.1	-0.2%
3.7%	60.0	59.8	-0.1	-0.2%
4.9%	59.8	59.8	-0.1	-0.1%
6.2%	59.8	59.4	-0.5	-0.8%
7.4%	59.5	59.1	-0.4	-0.7%
8.6%	59.5	58.9	-0.6	-1.0%
9.9%	58.5	58.2	-0.4	-0.6%
11.1%	58.4	58.1	-0.3	-0.5%
12.3%	58.2	58.1	-0.1	-0.2%
13.6%	58.1	57.8	-0.3	-0.5%
14.8%	57.9	57.5	-0.4	-0.7%
16.0%	57.5	57.4	-0.1	-0.1%
17.3%	57.4	57.4	0.0	0.0%
18.5%	57.4	57.3	-0.1	-0.1%
19.8%	57.3	57.2	-0.1	-0.2%
21.0%	57.1	57.0	-0.1	-0.1%
22.2%	56.9	57.0	0.0	0.0%
23.5%	56.9	56.9	0.0	0.0%
24.7%	56.7	56.9	0.1	0.2%
25.9%	56.7	56.8	0.1	0.2%
27.2%	56.7	56.8	0.1	0.2%
28.4%	56.6	56.7	0.1	0.1%
29.6%	56.6	56.7	0.0	0.1%
30.9%	56.6	56.6	0.0	0.0%
32.1%	56.6	56.5	-0.1	-0.2%
33.3%	56.6	56.5	-0.1	-0.2%
34.6%	56.6	56.5	0.0	-0.1%
35.8%	56.4	56.3	-0.1	-0.2%
37.0%	56.4	56.3	-0.1	-0.2%
38.3%	56.4	56.3	-0.1	-0.1%
39.5%	56.2	56.3	0.0	0.0%
40.7%	56.2	56.3	0.0	0.1%
42.0%	56.2	56.2	0.0	-0.1%
43.2%	56.2	56.1	0.0	-0.1%
44.4%	56.0	56.1	0.1	0.2%
45.7%	56.0	56.1	0.1	0.2%
46.9%	56.0	56.0	0.0	0.1%
48.1%	55.9	56.0	0.1	0.1%
49.4%	55.8	55.9	0.2	0.3%
50.6%	55.7	55.9	0.2	0.3%
51.9%	55.6	55.8	0.2	0.4%
53.1%	55.5	55.8	0.3	0.5%
54.3%	55.4	55.7	0.3	0.5%
55.6%	55.4	55.7	0.3	0.5%
56.8%	55.4	55.6	0.2	0.4%
58.0%	55.4	55.5	0.1	0.2%
59.3%	55.3	55.5	0.2	0.3%
60.5%	55.3	55.5	0.2	0.4%
61.7%	55.3	55.4	0.1	0.2%
63.0%	55.3	55.4	0.1	0.2%
64.2%	55.2	55.3	0.1	0.2%
65.4%	55.2	55.3	0.1	0.2%
66.7%	55.2	55.3	0.1	0.2%
67.9%	55.2	55.2	0.1	0.1%
69.1%	55.1	55.2	0.1	0.1%
70.4%	55.1	55.2	0.1	0.2%
71.6%	55.1	55.2	0.1	0.2%
72.8%	55.1	55.2	0.1	0.2%
74.1%	55.0	55.2	0.1	0.3%
75.3%	55.0	55.2	0.2	0.3%
76.5%	54.9	55.1	0.2	0.3%
77.8%	54.9	55.1	0.2	0.4%
79.0%	54.9	55.0	0.1	0.2%
80.2%	54.9	55.0	0.1	0.3%
81.5%	54.8	55.0	0.2	0.3%
82.7%	54.8	55.0	0.2	0.3%
84.0%	54.8	55.0	0.2	0.3%
85.2%	54.7	54.9	0.2	0.3%
86.4%	54.7	54.7	0.0	0.1%
87.7%	54.6	54.6	0.0	0.0%
88.9%	54.6	54.6	0.0	0.1%
90.1%	54.5	54.6	0.1	0.1%
91.4%	54.5	54.6	0.1	0.1%
92.6%	54.5	54.5	0.0	0.0%
93.8%	54.5	54.3	-0.2	-0.3%
95.1%	54.1	54.1	0.0	0.1%
96.3%	54.0	54.1	0.1	0.2%
97.5%	54.0	53.9	-0.1	-0.1%
98.8%	53.9	53.8	-0.1	-0.2%
100.0%	53.8	53.8	-0.1	-0.1%

August				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.8	65.7	-1.2	-1.8%
1.2%	66.3	64.3	-1.9	-2.9%
2.5%	65.3	63.6	-1.8	-2.7%
3.7%	64.1	60.6	-3.6	-5.5%
4.9%	61.5	59.1	-2.4	-3.9%
6.2%	60.6	58.5	-2.1	-3.4%
7.4%	60.5	58.5	-2.0	-3.4%
8.6%	59.4	58.5	-1.0	-1.6%
9.9%	58.9	58.4	-0.6	-0.9%
11.1%	58.9	58.3	-0.6	-1.0%
12.3%	58.7	58.3	-0.4	-0.8%
13.6%	58.7	58.2	-0.5	-0.9%
14.8%	58.3	58.2	-0.1	-0.2%
16.0%	58.2	58.0	-0.2	-0.3%
17.3%	58.0	57.8	-0.3	-0.5%
18.5%	57.7	57.7	0.0	0.0%
19.8%	57.7	57.5	-0.2	-0.3%
21.0%	57.7	57.5	-0.2	-0.3%
22.2%	57.7	57.5	-0.2	-0.3%
23.5%	57.6	57.3	-0.2	-0.4%
24.7%	57.5	57.3	-0.2	-0.4%
25.9%	57.4	57.3	-0.1	-0.2%
27.2%	57.4	57.2	-0.2	-0.3%
28.4%	57.4	57.1	-0.3	-0.6%
29.6%	57.3	57.1	-0.3	-0.5%
30.9%	57.2	57.0	-0.2	-0.3%
32.1%	57.2	57.0	-0.2	-0.4%
33.3%	57.2	56.9	-0.3	-0.4%
34.6%	57.2	56.9	-0.3	-0.5%
35.8%	57.0	56.9	-0.2	-0.3%
37.0%	57.0	56.8	-0.2	-0.3%
38.3%	56.9	56.8	-0.1	-0.2%
39.5%	56.9	56.8	-0.1	-0.2%
40.7%	56.9	56.8	-0.1	-0.2%
42.0%	56.9	56.8	-0.1	-0.1%
43.2%	56.9	56.8	-0.1	-0.1%
44.4%	56.8	56.7	-0.1	-0.2%
45.7%	56.7	56.7	0.0	0.0%
46.9%	56.7	56.7	0.0	0.0%
48.1%	56.6	56.6	0.0	0.0%
49.4%	56.5	56.6	0.0	0.0%
50.6%	56.5	56.5	0.0	0.0%
51.9%	56.5	56.5	0.0	0.0%
53.1%	56.5	56.5	0.0	0.0%
54.3%	56.5	56.5	0.0	0.0%
55.6%	56.5	56.4	0.0	0.0%
56.8%	56.4	56.4	0.0	0.0%
58.0%	56.4	56.4	0.0	0.0%
59.3%	56.3	56.4	0.1	0.1%
60.5%	56.3	56.4	0.1	0.2%
61.7%	56.2	56.4	0.1	0.3%
63.0%	56.2	56.4	0.1	0.3%
64.2%	56.2	56.3	0.1	0.3%
65.4%	56.2	56.3	0.1	0.2%
66.7%	56.2	56.2	0.0	0.0%
67.9%	56.2	56.2	0.0	0.0%
69.1%	56.2	56.1	0.0	-0.1%
70.4%	56.2	56.1	0.0	0.0%
71.6%	56.1	56.1	0.0	0.0%
72.8%	56.1	56.1	0.0	0.0%
74.1%	56.1	56.1	0.0	0.0%
75.3%	56.1	56.0	-0.1	-0.2%
76.5%	56.1	56.0	-0.1	-0.2%
77.8%	56.0	55.9	-0.1	-0.2%
79.0%	56.0	55.9	-0.1	-0.1%
80.2%	55.9	55.8	-0.1	-0.1%
81.5%	55.9	55.8	0.0	0.0%
82.7%	55.8	55.8	0.1	0.1%
84.0%	55.7	55.8	0.1	0.1%
85.2%	55.7	55.7	0.0	0.0%
86.4%	55.6	55.7	0.1	0.2%
87.7%	55.5	55.6	0.1	0.2%
88.9%	55.4	55.6	0.1	0.3%
90.1%	55.3	55.5	0.1	0.3%
91.4%	55.3	55.4	0.1	0.2%
92.6%	55.3	55.4	0.1	0.2%
93.8%	55.0	55.3	0.3	0.6%
95.1%	54.9	55.2	0.2	0.4%
96.3%	54.8	54.9	0.1	0.2%
97.5%	54.6	54.7	0.1	0.3%
98.8%	54.4	54.6	0.2	0.4%
100.0%	54.2	54.6	0.4	0.7%

September				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.7	65.6	-1.1	-1.7%
1.2%	65.2	64.0	-1.1	-1.7%
2.5%	65.0	63.5	-1.5	-2.3%
3.7%	64.8	63.3	-1.5	-2.3%
4.9%	64.2	63.1	-1.1	-1.7%
6.2%	64.2	62.9	-1.3	-2.0%
7.4%	64.1	61.9	-2.2	-3.4%
8.6%	62.4	61.5	-0.9	-1.4%
9.9%	61.5	60.5	-1.0	-1.7%
11.1%	60.6	60.2	-0.4	-0.7%
12.3%	60.3	60.2	-0.1	-0.2%
13.6%	60.2	59.8	-0.5	-0.8%
14.8%	60.1	59.6	-0.6	-0.9%
16.0%	60.1	59.4	-0.7	-1.1%
17.3%	59.8	59.2	-0.6	-1.0%
18.5%	59.6	59.0	-0.5	-0.9%
19.8%	59.5	58.8	-0.7	-1.2%
21.0%	59.3	58.6	-0.7	-1.1%
22.2%	59.3	58.5	-0.7	-1.2%
23.5%	59.1	58.5	-0.6	-1.0%
24.7%	58.7	58.5	-0.2	-0.3%
25.9%	58.6	58.1	-0.5	-0.8%
27.2%	58.5	58.1	-0.3	-0.6%
28.4%	58.4	58.0	-0.4	-0.7%
29.6%	58.3	57.8	-0.5	-0.8%
30.9%	58.3	57.8	-0.5	-0.8%
32.1%	58.2	57.7	-0.5	-0.9%
33.3%	58.0	57.6	-0.4	-0.7%
34.6%	58.0	57.6	-0.4	-0.7%
35.8%	57.9	57.6	-0.3	-0.6%
37.0%	57.9	57.6	-0.4	-0.6%
38.3%	57.9	57.5	-0.4	-0.6%
39.5%	57.8	57.5	-0.3	-0.6%
40.7%	57.8	57.5	-0.3	-0.5%
42.0%	57.7	57.5	-0.2	-0.4%
43.2%	57.6	57.4	-0.2	-0.4%
44.4%	57.6	57.4	-0.2	-0.4%
45.7%	57.5	57.3	-0.2	-0.3%
46.9%	57.5	57.1	-0.3	-0.6%
48.1%	57.5	57.0	-0.4	-0.8%
49.4%	57.4	57.0	-0.4	-0.7%
50.6%	57.4	56.9	-0.5	-0.8%
51.9%	57.3	56.9	-0.4	-0.8%
53.1%	57.3	56.8	-0.5	-0.9%
54.3%	57.3	56.7	-0.6	-1.0%
55.6%	57.1	56.7	-0.4	-0.7%
56.8%	57.0	56.6	-0.4	-0.7%
58.0%	56.8	56.6	-0.1	-0.2%
59.3%	56.8	56.6	-0.1	-0.3%
60.5%	56.7	56.6	-0.1	-0.3%
61.7%	56.7	56.5	-0.2	-0.3%
63.0%	56.6	56.3	-0.3	-0.5%
64.2%	56.6	56.3	-0.3	-0.5%
65.4%	56.5	56.2	-0.2	-0.4%
66.7%	56.3	56.2	-0.1	-0.2%
67.9%	56.2	56.2	-0.1	-0.1%
69.1%	56.1	56.1	0.0	0.0%
70.4%	56.1	56.1	0.0	0.0%
71.6%	56.0	56.1	0.1	0.1%
72.8%	56.0	55.9	-0.1	-0.1%
74.1%	55.9	55.9	-0.1	-0.1%
75.3%	55.9	55.8	-0.1	-0.1%
76.5%	55.7	55.8	0.0	0.0%
77.8%	55.7	55.7	0.0	0.0%
79.0%	55.7	55.7	0.0	0.0%
80.2%	55.7	55.6	-0.1	-0.1%
81.5%	55.5	55.6	0.1	0.2%
82.7%	55.5	55.6	0.1	0.2%
84.0%	55.5	55.5	0.0	-0.1%
85.2%	55.5	55.4	0.0	-0.1%
86.4%	55.4	55.4	0.0	0.0%
87.7%	55.4	55.1	-0.3	-0.5%
88.9%	55.3	55.0	-0.3	-0.5%
90.1%	55.2	55.0	-0.2	-0.3%
91.4%	55.0	55.0	-0.1	-0.2%
92.6%	54.9	54.8	-0.1	-0.2%
93.8%	54.8	54.8	0.0	0.0%
95.1%	54.8	54.6	-0.2	-0.4%
96.3%	54.7	54.6	-0.1	-0.1%
97.5%	54.6	54.1	-0.5	-0.9%
98.8%	53.3	53.4	0.1	0.2%
100.0%	53.1	53.4	0.2	0.4%

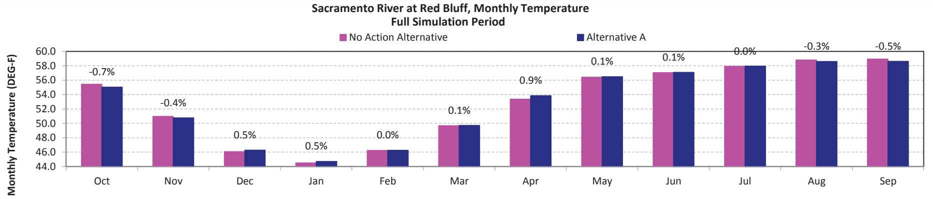
Table SQ-06-3a
Sacramento River at Red Bluff, Monthly Temperature
Long-term Average and Average by Water Year Type

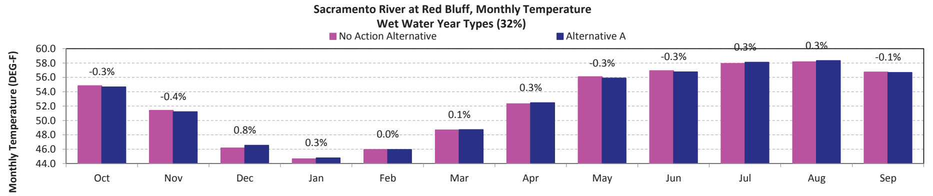
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	55.4	51.0	46.1	44.5	46.2	49.7	53.4	56.4	57.1	57.9	58.8	58.9
Alternative A	55.0	50.8	46.3	44.7	46.3	49.7	53.8	56.5	57.1	57.9	58.6	58.6
Difference	-0.4	-0.2	0.2	0.2	0.0	0.0	0.5	0.1	0.0	0.0	-0.2	-0.3
Percent Difference[3]	-0.7%	-0.4%	0.5%	0.5%	0.0%	0.1%	0.9%	0.1%	0.1%	0.0%	-0.3%	-0.5%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	54.8	51.4	46.2	44.6	45.9	48.7	52.3	56.1	56.9	57.9	58.2	56.7
Alternative A	54.7	51.2	46.5	44.8	46.0	48.7	52.5	55.9	56.8	58.1	58.3	56.7
Difference	-0.2	-0.2	0.4	0.1	0.0	0.0	0.1	-0.2	-0.2	0.2	0.2	0.0
Percent Difference	-0.3%	-0.4%	0.8%	0.3%	0.0%	0.1%	0.3%	-0.3%	-0.3%	0.3%	0.3%	-0.1%
Above Normal (15%)												
No Action Alternative	54.5	50.7	46.5	44.8	46.3	49.8	53.7	57.1	56.4	56.9	58.3	58.0
Alternative A	54.2	50.6	46.9	45.0	46.3	49.9	54.0	56.8	56.6	57.0	58.4	58.1
Difference	-0.3	-0.1	0.4	0.2	0.0	0.0	0.3	-0.3	0.2	0.2	0.1	0.1
Percent Difference	-0.6%	-0.3%	0.8%	0.4%	0.0%	0.0%	0.5%	-0.5%	0.4%	0.3%	0.2%	0.2%
Below Normal (17%)												
No Action Alternative	54.2	50.4	46.4	44.3	45.8	49.6	53.9	56.5	56.7	57.2	57.9	58.9
Alternative A	53.8	50.3	46.5	44.5	45.9	49.6	54.5	56.7	56.8	57.3	58.0	58.5
Difference	-0.4	-0.2	0.1	0.2	0.0	0.0	0.6	0.2	0.1	0.1	0.1	-0.4
Percent Difference	-0.8%	-0.3%	0.2%	0.4%	0.0%	0.0%	1.0%	0.4%	0.2%	0.1%	0.1%	-0.7%
Dry (22%)												
No Action Alternative	55.7	51.1	46.0	44.3	46.4	50.4	54.0	56.1	57.1	57.4	58.6	60.0
Alternative A	55.2	50.8	46.0	44.7	46.4	50.4	54.8	56.5	57.3	57.4	58.4	59.6
Difference	-0.5	-0.3	0.0	0.4	0.0	0.1	0.7	0.3	0.2	0.0	-0.3	-0.4
Percent Difference	-1.0%	-0.5%	0.0%	0.8%	0.0%	0.1%	1.4%	0.6%	0.3%	-0.1%	-0.4%	-0.7%
Critical (15%)												
No Action Alternative	58.6	50.7	45.2	44.3	47.0	50.8	53.6	56.9	58.4	60.5	62.0	63.1
Alternative A	57.9	50.5	45.3	44.6	47.1	50.8	54.4	57.2	58.4	60.0	60.5	62.1
Difference	-0.7	-0.3	0.2	0.2	0.1	0.1	0.8	0.3	0.0	-0.4	-1.5	-1.0
Percent Difference	-1.1%	-0.5%	0.4%	0.5%	0.2%	0.2%	1.5%	0.6%	0.0%	-0.7%	-2.4%	-1.6%

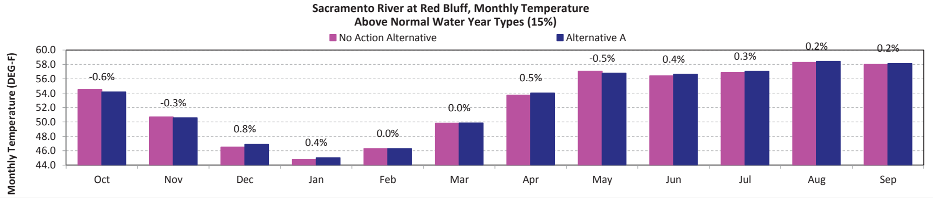
1 Based on the 82-year simulation period

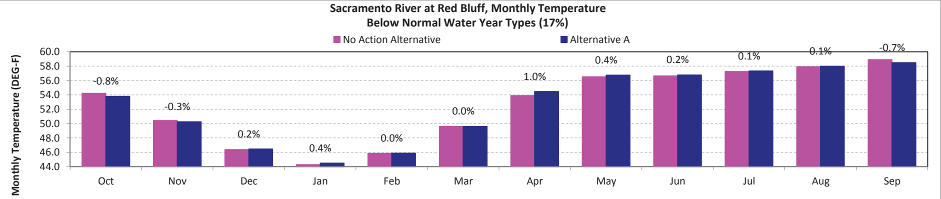
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

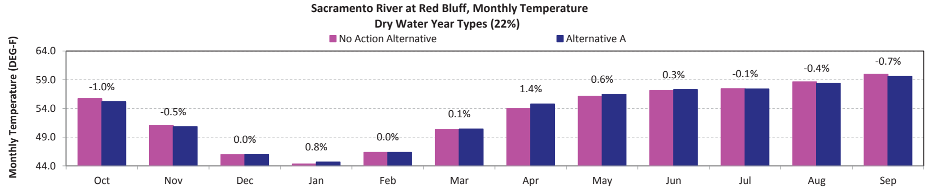
3 Relative difference of the monthly average


Sacramento River at Red Bluff, Monthly Temperature
Full Simulation Period


Sacramento River at Red Bluff, Monthly Temperature
Wet Water Year Types (32%)


Sacramento River at Red Bluff, Monthly Temperature
Above Normal Water Year Types (15%)


Sacramento River at Red Bluff, Monthly Temperature
Below Normal Water Year Types (17%)


Sacramento River at Red Bluff, Monthly Temperature
Dry Water Year Types (22%)

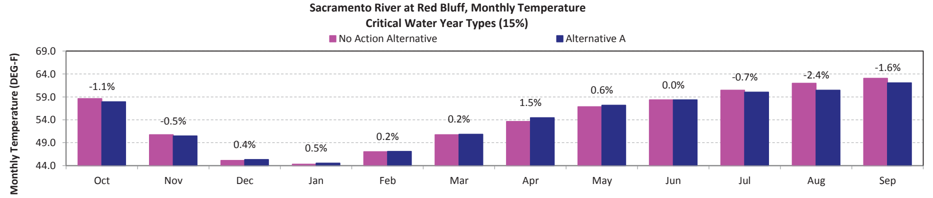
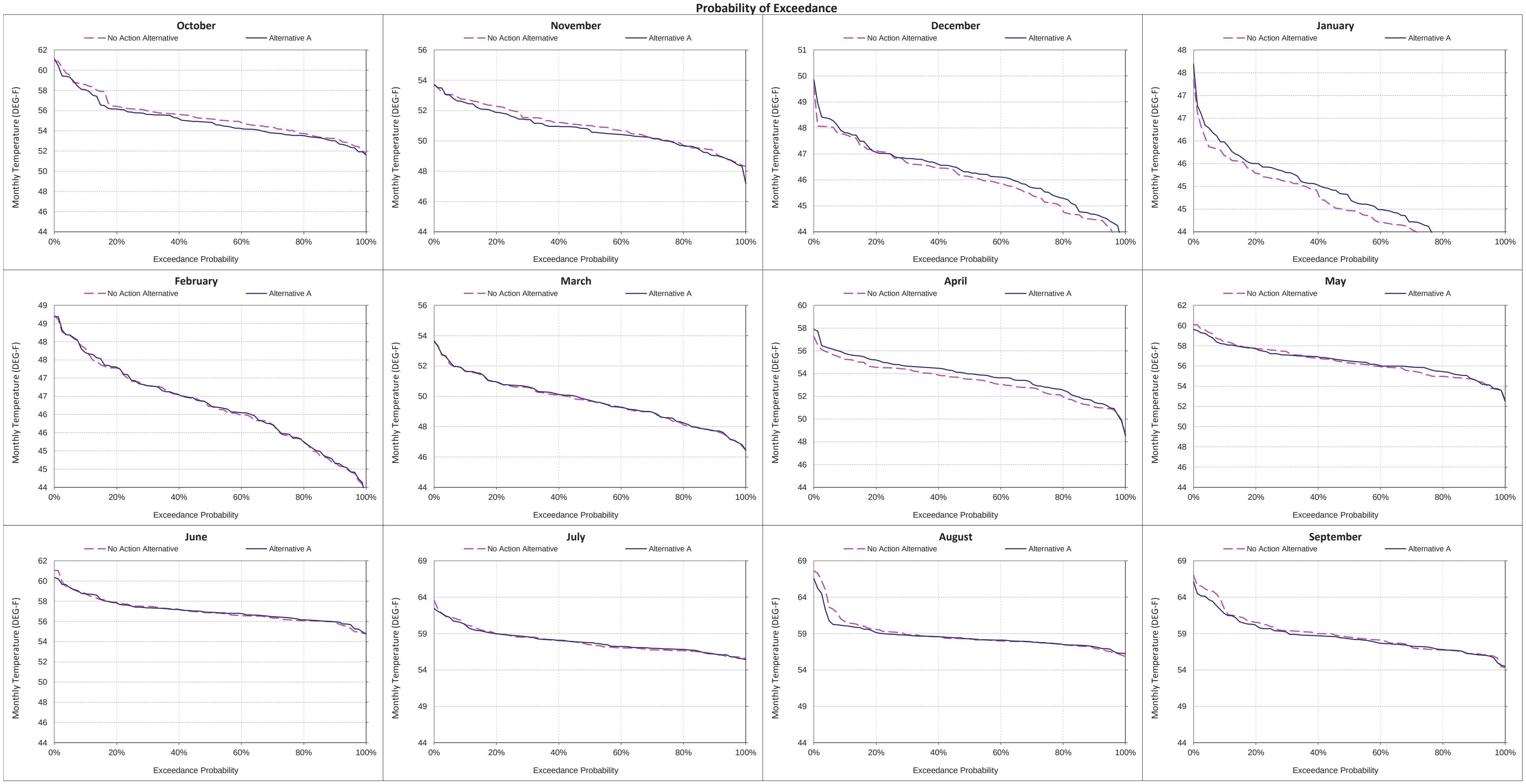

Sacramento River at Red Bluff, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-06-3b
Sacramento River at Red Bluff, Monthly Temperature
Probability of Exceedance


October

November

December

January

February

March

April

May

June

July

August

September

Table SQ-06-3b

Sacramento River at Red Bluff, Monthly Temperature

Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.9	61.1	0.2	0.3%
1.2%	60.9	60.4	-0.4	-0.7%
2.5%	60.3	59.4	-0.9	-1.4%
3.7%	59.7	59.4	-0.3	-0.5%
4.9%	59.5	59.3	-0.2	-0.4%
6.2%	58.8	58.9	0.1	0.2%
7.4%	58.7	58.4	-0.3	-0.5%
8.6%	58.6	58.1	-0.5	-0.9%
9.9%	58.6	58.1	-0.5	-0.9%
11.1%	58.4	57.9	-0.5	-0.8%
12.3%	58.4	57.5	-0.8	-1.4%
13.6%	58.0	57.4	-0.6	-1.0%
14.8%	57.9	56.5	-1.4	-2.4%
16.0%	57.9	56.5	-1.4	-2.4%
17.3%	56.7	56.2	-0.5	-0.9%
18.5%	56.4	56.2	-0.3	-0.5%
19.8%	56.4	56.2	-0.3	-0.5%
21.0%	56.4	56.1	-0.2	-0.4%
22.2%	56.3	56.1	-0.2	-0.3%
23.5%	56.2	55.9	-0.3	-0.6%
24.7%	56.2	55.8	-0.3	-0.6%
25.9%	56.1	55.8	-0.4	-0.6%
27.2%	56.1	55.8	-0.4	-0.6%
28.4%	56.1	55.7	-0.3	-0.6%
29.6%	56.0	55.6	-0.4	-0.7%
30.9%	55.9	55.6	-0.3	-0.5%
32.1%	55.9	55.6	-0.3	-0.5%
33.3%	55.8	55.6	-0.2	-0.4%
34.6%	55.8	55.6	-0.2	-0.3%
35.8%	55.7	55.5	-0.2	-0.4%
37.0%	55.7	55.5	-0.2	-0.3%
38.3%	55.7	55.3	-0.4	-0.6%
39.5%	55.6	55.3	-0.4	-0.7%
40.7%	55.6	55.1	-0.5	-1.0%
42.0%	55.6	55.0	-0.6	-1.0%
43.2%	55.5	55.0	-0.6	-1.0%
44.4%	55.4	54.9	-0.5	-0.9%
45.7%	55.3	54.9	-0.4	-0.7%
46.9%	55.2	54.9	-0.3	-0.6%
48.1%	55.2	54.9	-0.3	-0.6%
49.4%	55.2	54.8	-0.4	-0.6%
50.6%	55.2	54.8	-0.3	-0.6%
51.9%	55.1	54.6	-0.5	-0.9%
53.1%	55.0	54.6	-0.5	-0.9%
54.3%	55.0	54.5	-0.6	-1.0%
55.6%	55.0	54.4	-0.6	-1.0%
56.8%	54.9	54.4	-0.6	-1.1%
58.0%	54.9	54.3	-0.7	-1.2%
59.3%	54.9	54.2	-0.7	-1.2%
60.5%	54.7	54.2	-0.5	-1.0%
61.7%	54.7	54.2	-0.5	-0.9%
63.0%	54.6	54.2	-0.4	-0.8%
64.2%	54.5	54.1	-0.4	-0.7%
65.4%	54.5	54.1	-0.4	-0.8%
66.7%	54.5	54.0	-0.5	-0.9%
67.9%	54.4	53.9	-0.5	-0.9%
69.1%	54.4	53.8	-0.6	-1.1%
70.4%	54.3	53.8	-0.6	-1.0%
71.6%	54.2	53.7	-0.4	-0.8%
72.8%	54.2	53.7	-0.4	-0.8%
74.1%	54.2	53.6	-0.5	-1.0%
75.3%	54.0	53.6	-0.4	-0.8%
76.5%	54.0	53.6	-0.5	-0.9%
77.8%	53.8	53.5	-0.3	-0.5%
79.0%	53.7	53.5	-0.2	-0.4%
80.2%	53.7	53.5	-0.2	-0.4%
81.5%	53.6	53.4	-0.2	-0.4%
82.7%	53.5	53.4	-0.1	-0.3%
84.0%	53.4	53.4	-0.1	-0.2%
85.2%	53.4	53.3	-0.1	-0.1%
86.4%	53.3	53.2	-0.1	-0.2%
87.7%	53.3	53.1	-0.2	-0.3%
88.9%	53.2	53.0	-0.2	-0.4%
90.1%	53.2	53.0	-0.2	-0.4%
91.4%	53.1	52.7	-0.4	-0.8%
92.6%	52.9	52.6	-0.2	-0.4%
93.8%	52.9	52.5	-0.3	-0.6%
95.1%	52.7	52.4	-0.3	-0.6%
96.3%	52.5	52.3	-0.2	-0.4%
97.5%	52.4	51.9	-0.5	-0.9%
98.8%	52.0	51.9	-0.1	-0.2%
100.0%	51.8	51.6	0.0	-0.3%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.7	53.7	0.0	0.1%
1.2%	53.5	53.5	0.0	0.0%
2.5%	53.2	53.5	0.3	0.5%
3.7%	53.1	53.1	0.0	0.0%
4.9%	53.1	53.0	0.0	-0.1%
6.2%	53.0	52.8	-0.3	-0.5%
7.4%	52.9	52.6	-0.3	-0.5%
8.6%	52.8	52.6	-0.1	-0.3%
9.9%	52.7	52.5	-0.2	-0.4%
11.1%	52.7	52.5	-0.3	-0.5%
12.3%	52.6	52.5	-0.2	-0.3%
13.6%	52.6	52.2	-0.4	-0.7%
14.8%	52.5	52.1	-0.4	-0.8%
16.0%	52.4	52.1	-0.4	-0.7%
17.3%	52.4	52.1	-0.3	-0.6%
18.5%	52.3	52.0	-0.4	-0.7%
19.8%	52.3	51.9	-0.4	-0.8%
21.0%	52.2	51.9	-0.4	-0.7%
22.2%	52.2	51.8	-0.4	-0.8%
23.5%	52.1	51.8	-0.3	-0.6%
24.7%	52.0	51.6	-0.4	-0.8%
25.9%	52.0	51.6	-0.4	-0.7%
27.2%	51.9	51.4	-0.5	-0.9%
28.4%	51.5	51.4	-0.1	-0.2%
29.6%	51.5	51.4	-0.1	-0.2%
30.9%	51.5	51.4	-0.1	-0.2%
32.1%	51.5	51.2	-0.4	-0.7%
33.3%	51.5	51.2	-0.4	-0.7%
34.6%	51.5	51.2	-0.3	-0.6%
35.8%	51.3	51.0	-0.3	-0.6%
37.0%	51.3	51.0	-0.4	-0.7%
38.3%	51.2	51.0	-0.3	-0.5%
39.5%	51.2	51.0	-0.3	-0.5%
40.7%	51.2	51.0	-0.3	-0.5%
42.0%	51.2	50.9	-0.2	-0.5%
43.2%	51.1	50.9	-0.2	-0.4%
44.4%	51.1	50.9	-0.2	-0.3%
45.7%	51.1	50.9	-0.2	-0.4%
46.9%	51.0	50.8	-0.2	-0.4%
48.1%	51.0	50.8	-0.2	-0.4%
49.4%	51.0	50.8	-0.2	-0.4%
50.6%	51.0	50.6	-0.4	-0.8%
51.9%	50.9	50.6	-0.4	-0.7%
53.1%	50.9	50.5	-0.4	-0.8%
54.3%	50.9	50.5	-0.4	-0.8%
55.6%	50.9	50.5	-0.4	-0.8%
56.8%	50.8	50.5	-0.3	-0.6%
58.0%	50.7	50.4	-0.3	-0.6%
59.3%	50.7	50.4	-0.3	-0.6%
60.5%	50.7	50.4	-0.2	-0.5%
61.7%	50.6	50.4	-0.3	-0.5%
63.0%	50.5	50.4	-0.2	-0.3%
64.2%	50.4	50.3	-0.1	-0.3%
65.4%	50.4	50.3	-0.2	-0.3%
66.7%	50.4	50.3	-0.2	-0.3%
67.9%	50.3	50.3	-0.1	-0.1%
69.1%	50.2	50.2	0.0	0.0%
70.4%	50.2	50.1	0.0	-0.1%
71.6%	50.2	50.1	0.0	0.0%
72.8%	50.1	50.1	0.0	-0.1%
74.1%	50.1	50.0	0.0	-0.1%
75.3%	50.0	50.0	0.0	0.0%
76.5%	49.9	50.0	0.0	0.1%
77.8%	49.9	49.8	-0.1	-0.2%
79.0%	49.8	49.7	-0.2	-0.3%
80.2%	49.7	49.7	0.0	0.1%
81.5%	49.6	49.6	0.0	0.0%
82.7%	49.5	49.6	0.1	0.2%
84.0%	49.5	49.6	0.0	0.1%
85.2%	49.5	49.4	-0.1	-0.2%
86.4%	49.5	49.2	-0.2	-0.5%
87.7%	49.4	49.2	-0.2	-0.4%
88.9%	49.4	49.1	-0.4	-0.7%
90.1%	49.2	49.0	-0.2	-0.4%
91.4%	49.0	49.0	0.1	0.1%
92.6%	48.9	48.9	0.0	0.0%
93.8%	48.8	48.8	0.1	0.1%
95.1%	48.7	48.7	0.0	0.0%
96.3%	48.6	48.6	0.0	-0.1%
97.5%	48.6	48.4	-0.2	-0.3%
98.8%	48.4	48.3	0.0	-0.1%
100.0%	48.3	47.2	-1.2	-2.4%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	49.6	49.9	0.2	0.5%
1.2%	48.1	48.9	0.9	1.8%
2.5%	48.1	48.4	0.4	0.7%
3.7%	48.1	48.4	0.3	0.7%
4.9%	48.0	48.4	0.3	0.7%
6.2%	48.0	48.3	0.3	0.5%
7.4%	47.8	48.1	0.3	0.6%
8.6%	47.8	47.9	0.1	0.2%
9.9%	47.8	47.8	0.1	0.1%
11.1%	47.7	47.8	0.1	0.2%
12.3%	47.6	47.7	0.1	0.2%
13.6%	47.6	47.7	0.1	0.2%
14.8%	47.3	47.5	0.2	0.3%
16.0%	47.3	47.5	0.2	0.4%
17.3%	47.2	47.3	0.1	0.3%
18.5%	47.2	47.1	0.0	0.0%
19.8%	47.1	47.1	-0.1	-0.1%
21.0%	47.1	47.0	-0.1	-0.1%
22.2%	47.1	47.0	-0.1	-0.1%
23.5%	47.1	47.0	-0.1	-0.1%
24.7%	47.0	47.0	0.0	0.0%
25.9%	46.8	46.9	0.1	0.1%
27.2%	46.8	46.9	0.0	0.1%
28.4%	46.8	46.9	0.0	0.1%
29.6%	46.7	46.8	0.2	0.3%
30.9%	46.6	46.8	0.2	0.4%
32.1%	46.6	46.8	0.2	0.5%
33.3%	46.6	46.8	0.2	0.4%
34.6%	46.6	46.8	0.2	0.5%
35.8%	46.6	46.7	0.2	0.4%
37.0%	46.5	46.7	0.2	0.3%
38.3%	46.5	46.7	0.2	0.4%
39.5%	46.5	46.6	0.2	0.4%
40.7%	46.5	46.6	0.1	0.2%
42.0%	46.5	46.6	0.1	0.2%
43.2%	46.4	46.6	0.1	0.2%
44.4%	46.4	46.5	0.1	0.2%
45.7%	46.3	46.5	0.2	0.4%
46.9%	46.2	46.4	0.2	0.5%
48.1%	46.1	46.3	0.2	0.4%
49.4%	46.1	46.3	0.2	0.4%
50.6%	46.1	46.3	0.2	0.3%
51.9%	46.1	46.3	0.2	0.5%
53.1%	46.0	46.2	0.2	0.4%
54.3%	46.0	46.2	0.2	0.5%
55.6%	46.0	46.2	0.3	0.6%
56.8%	45.9	46.1	0.2	0.4%
58.0%	45.9	46.1	0.2	0.5%
59.3%	45.9	46.1	0.2	0.5%
60.5%	45.9	46.1	0.2	0.5%
61.7%	45.8	46.1	0.3	0.6%
63.0%	45.8	46.0	0.3	0.6%
64.2%	45.8	46.0	0.2	0.5%
65.4%	45.7	45.9	0.3	0.6%
66.7%	45.6	45.8	0.2	0.5%
67.9%	45.5	45.8	0.3	0.7%
69.1%	45.5	45.7	0.2	0.5%
70.4%	45.4	45.7	0.3	0.7%
71.6%	45.3	45.7	0.3	0.7%
72.8%	45.3	45.7	0.4	0.8%
74.1%	45.1	45.5	0.4	0.9%
75.3%	45.1	45.5	0.4	0.9%
76.5%	45.1	45.4	0.3	0.7%
77.8%	45.1	45.4	0.3	0.6%
79.0%	45.0	45.3	0.3	0.7%
80.2%	44.7	45.3	0.5	1.2%
81.5%	44.7	45.2	0.5	1.2%
82.7%	44.7	45.1	0.4	0.9%
84.0%	44.7	45.0	0.4	0.8%
85.2%	44.7	44.8	0.1	0.3%
86.4%	44.5	44.8	0.2	0.5%
87.7%	44.5	44.7	0.2	0.5%
88.9%	44.5	44.7	0.2	0.4%
90.1%	44.5	44.7	0.2	0.5%
91.4%	44.5	44.6	0.2	0.4%
92.6%	44.4	44.6	0.1	0.3%
93.8%	44.3	44.5	0.2	0.6%
95.1%	44.2	44.4	0.2	0.6%
96.3%	43.9	44.3	0.5	1.1%
97.5%	43.6	44.2	0.6	1.5%
98.8%	43.6	43.6	0.0	0.0%
100.0%	42.2	42.4	0.2	0.5%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.4	47.7	0.3	0.7%
1.2%	46.6	46.8	0.1	0.3%
2.5%	46.3	46.6	0.3	0.6%
3.7%	46.1	46.3	0.3	0.6%
4.9%	45.9	46.3	0.4	0.9%
6.2%	45.9	46.2	0.3	0.7%
7.4%	45.8	46.1	0.3	0.6%
8.6%	45.8	46.0	0.2	0.4%
9.9%	45.7	46.0	0.3	0.7%
11.1%	45.7	45.9	0.2	0.5%
12.3%	45.6	45.8	0.2	0.4%
13.6%	45.6	45.7	0.2	0.3%
14.8%	45.6	45.7	0.1	0.2%
16.0%	45.5	45.6	0.1	0.2%
17.3%	45.4	45.5	0.1	0.3%
18.5%	45.4	45.5	0.1	0.3%
19.8%	45.3	45.5	0.2	0.5%
21.0%	45.3	45.5	0.2	0.5%
22.2%	45.2	45.4	0.2	0.5%
23.5%	45.2	45.4	0.2	0.5%
24.7%	45.2	45.4	0.2	0.5%
25.9%	45.2	45.4	0.2	0.5%
27.2%	45.2	45.4	0.2	0.4%
28.4%	45.1	45.3	0.2	0.5%
29.6%	45.1	45.3	0.2	0.4%
30.9%	45.1	45.3	0.2	0.4%
32.1%	45.1	45.3	0.2	0.5%
33.3%	45.1	45.2	0.2	0.4%
34.6%	45.0	45.1	0.1	0.2%
35.8%	45.0	45.1	0.1	0.2%
37.0%	45.0	45.1	0.1	0.2%
38.3%	44.9	45.1	0.1	0.3%
39.5%	44.9	45.0	0.1	0.3%
40.7%	44.7	45.0	0.3	0.7%
42.0%	44.7	45.0	0.3	0.6%
43.2%	44.6	45.0	0.3	0.7%
44.4%	44.6	44.9	0.3	0.8%
45.7%	44.5	44.9	0.4	0.9%
46.9%	44.5	44.8	0.3	0.7%
48.1%	44.5	44.8	0.3	0.8%
49.4%	44.5	44.8	0.4	0.8%
50.6%	44.5	44.7	0.2	0.5%
51.9%	44.5	44.6	0.2	0.4%
53.1%	44.4	44.6	0.2	0.4%
54.3%	44.4	44.6	0.2	0.5%
55.6%	44.4	44.6	0.2	0.6%
56.8%	44.4	44.6	0.2	0.5%
58.0%	44.3	44.6	0.3	0.7%
59.3%	44.2	44.5	0.3	0.6%
60.5%	44.2	44.5	0.3	0.6%
61.7%	44.2	44.5	0.3	0.6%
63.0%	44.2	44.5	0.3	0.6%
64.2%	44.2	44.4	0.3	0.6%
65.4%	44.2	44.4	0.3	0.6%
66.7%	44.1	44.4	0.2	0.5%
67.9%	44.1	44.4	0.2	0.5%
69.1%	44.1	44.2	0.1	0.3%
70.4%	44.0	44.2	0.2	0.4%
71.6%	44.0	44.2	0.2	0.5%
72.8%	44.0	44.2	0.2	0.5%
74.1%	43.8	44.1	0.4	0.8%
75.3%	43.8	44.1	0.4	0.8%
76.5%	43.7	44.0	0.2	0.5%
77.8%	43.7	43.8	0.1	0.2%
79.0%	43.7	43.8	0.0	0.1%
80.2%	43.5	43.6	0.1	0.2%
81.5%	43.5	43.6	0.0	0.1%
82.7%	43.4	43.5	0.1	0.2%
84.0%	43.4	43.5	0.1	0.2%
85.2%	43.4	43.5	0.1	0.3%
86.4%	43.3	43.5	0.1	0.3%
87.7%	43.2	43.4	0.2	0.4%
88.9%	43.2	43.4	0.2	0.6%
90.1%	43.2	43.4	0.2	0.6%
91.4%	43.1	43.4	0.2	0.6%
92.6%	43.1	43.4	0.2	0.6%
93.8%	43.1	43.2	0.2	0.4%
95.1%	43.0	43.1	0.2	0.4%
96.3%	42.7	42.7	0.0	0.1%
97.5%	42.6	42.7	0.1	0.2%
98.8%	42.6	42.6	0.0	0.0%
100.0%	41.9	42.5	0.6	1.5%

Table SQ-06-3b

Sacramento River at Red Bluff, Monthly Temperature

Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	48.7	48.7	0.0	-0.1%
1.2%	48.6	48.7	0.1	0.2%
2.5%	48.3	48.3	0.1	0.1%
3.7%	48.2	48.2	0.0	-0.1%
4.9%	48.2	48.2	0.0	0.0%
6.2%	48.1	48.1	0.0	0.1%
7.4%	48.0	48.0	0.0	0.0%
8.6%	47.9	47.8	-0.1	-0.2%
9.9%	47.8	47.7	-0.1	-0.3%
11.1%	47.6	47.7	0.0	0.1%
12.3%	47.5	47.7	0.2	0.3%
13.6%	47.5	47.6	0.1	0.2%
14.8%	47.4	47.5	0.2	0.4%
16.0%	47.3	47.4	0.0	0.1%
17.3%	47.3	47.3	0.1	0.1%
18.5%	47.3	47.3	0.0	0.1%
19.8%	47.3	47.3	0.0	0.1%
21.0%	47.3	47.3	0.0	0.0%
22.2%	47.1	47.1	0.0	0.1%
23.5%	47.0	47.1	0.1	0.2%
24.7%	46.9	46.9	0.0	0.1%
25.9%	46.9	46.9	0.0	0.1%
27.2%	46.9	46.8	0.0	-0.1%
28.4%	46.8	46.8	0.0	0.0%
29.6%	46.8	46.8	0.0	0.0%
30.9%	46.8	46.8	0.0	0.0%
32.1%	46.8	46.8	0.0	0.0%
33.3%	46.8	46.8	0.0	0.0%
34.6%	46.7	46.7	-0.1	-0.2%
35.8%	46.7	46.6	0.0	-0.1%
37.0%	46.6	46.6	0.0	0.0%
38.3%	46.6	46.6	0.0	0.0%
39.5%	46.6	46.6	0.0	0.0%
40.7%	46.5	46.5	0.0	0.0%
42.0%	46.5	46.5	0.0	0.1%
43.2%	46.5	46.5	0.0	0.0%
44.4%	46.4	46.5	0.0	0.1%
45.7%	46.4	46.4	0.0	-0.1%
46.9%	46.4	46.4	0.0	0.0%
48.1%	46.4	46.4	0.0	0.0%
49.4%	46.2	46.3	0.1	0.1%
50.6%	46.2	46.2	0.0	0.0%
51.9%	46.2	46.2	0.0	0.1%
53.1%	46.1	46.2	0.1	0.1%
54.3%	46.1	46.2	0.0	0.1%
55.6%	46.1	46.1	0.1	0.2%
56.8%	46.0	46.1	0.0	0.1%
58.0%	46.0	46.1	0.0	0.1%
59.3%	46.0	46.1	0.1	0.1%
60.5%	46.0	46.0	0.1	0.1%
61.7%	46.0	46.0	0.1	0.1%
63.0%	45.9	46.0	0.1	0.1%
64.2%	45.8	46.0	0.1	0.3%
65.4%	45.8	45.8	0.0	0.0%
66.7%	45.8	45.8	0.0	0.0%
67.9%	45.8	45.8	-0.1	-0.2%
69.1%	45.8	45.7	0.0	0.0%
70.4%	45.7	45.7	0.0	0.0%
71.6%	45.5	45.6	0.0	0.1%
72.8%	45.5	45.5	0.0	0.0%
74.1%	45.4	45.5	0.0	0.1%
75.3%	45.4	45.5	0.0	0.1%
76.5%	45.4	45.4	0.0	-0.1%
77.8%	45.4	45.3	0.0	-0.1%
79.0%	45.3	45.3	0.0	0.0%
80.2%	45.2	45.2	0.0	0.0%
81.5%	45.1	45.2	0.0	0.0%
82.7%	45.0	45.1	0.1	0.2%
84.0%	45.0	45.0	0.0	0.0%
85.2%	44.9	45.0	0.1	0.3%
86.4%	44.8	44.9	0.0	0.1%
87.7%	44.8	44.8	0.0	0.1%
88.9%	44.7	44.8	0.1	0.2%
90.1%	44.7	44.6	0.0	-0.1%
91.4%	44.6	44.6	0.1	0.2%
92.6%	44.6	44.6	0.0	0.0%
93.8%	44.5	44.5	0.0	0.1%
95.1%	44.4	44.4	0.0	0.0%
96.3%	44.4	44.4	0.0	0.1%
97.5%	44.2	44.2	0.1	0.1%
98.8%	44.1	44.1	0.0	0.1%
100.0%	43.6	43.6	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.6	53.6	0.0	0.0%
1.2%	53.3	53.3	0.0	-0.1%
2.5%	52.7	52.8	0.1	0.1%
3.7%	52.7	52.6	-0.1	-0.1%
4.9%	52.1	52.3	0.2	0.3%
6.2%	52.0	52.0	0.0	0.0%
7.4%	51.9	52.0	0.0	0.1%
8.6%	51.9	51.9	0.0	0.0%
9.9%	51.7	51.7	0.0	0.0%
11.1%	51.6	51.6	0.0	0.1%
12.3%	51.6	51.6	0.1	0.1%
13.6%	51.5	51.5	0.0	0.0%
14.8%	51.4	51.5	0.1	0.2%
16.0%	51.3	51.4	0.0	0.1%
17.3%	51.0	51.1	0.0	0.1%
18.5%	51.0	51.0	0.0	-0.1%
19.8%	51.0	51.0	0.0	0.0%
21.0%	50.9	50.9	0.0	0.1%
22.2%	50.8	50.8	0.0	0.0%
23.5%	50.8	50.8	0.0	0.0%
24.7%	50.7	50.8	0.1	0.2%
25.9%	50.6	50.7	0.1	0.2%
27.2%	50.6	50.7	0.1	0.2%
28.4%	50.6	50.7	0.1	0.2%
29.6%	50.6	50.6	0.0	0.1%
30.9%	50.6	50.6	0.0	0.1%
32.1%	50.4	50.5	0.1	0.3%
33.3%	50.3	50.3	0.1	0.1%
34.6%	50.2	50.3	0.1	0.1%
35.8%	50.2	50.3	0.1	0.2%
37.0%	50.1	50.3	0.1	0.3%
38.3%	50.1	50.2	0.1	0.2%
39.5%	50.1	50.1	0.0	0.1%
40.7%	50.1	50.1	0.0	0.0%
42.0%	50.0	50.1	0.1	0.1%
43.2%	50.0	50.1	0.1	0.2%
44.4%	49.9	50.0	0.2	0.3%
45.7%	49.8	50.0	0.2	0.4%
46.9%	49.8	49.9	0.1	0.2%
48.1%	49.8	49.8	0.1	0.1%
49.4%	49.7	49.8	0.1	0.1%
50.6%	49.7	49.7	0.0	0.0%
51.9%	49.6	49.6	0.0	0.0%
53.1%	49.6	49.6	0.0	0.0%
54.3%	49.5	49.5	0.0	0.0%
55.6%	49.4	49.4	0.0	0.0%
56.8%	49.4	49.3	-0.1	-0.2%
58.0%	49.4	49.3	0.0	-0.1%
59.3%	49.3	49.3	0.0	-0.1%
60.5%	49.2	49.3	0.0	0.1%
61.7%	49.1	49.2	0.1	0.1%
63.0%	49.1	49.1	0.0	0.1%
64.2%	49.0	49.1	0.1	0.2%
65.4%	49.0	49.1	0.0	0.1%
66.7%	49.0	49.0	0.0	0.0%
67.9%	49.0	49.0	0.0	0.0%
69.1%	49.0	49.0	0.0	0.0%
70.4%	48.9	48.9	0.0	0.1%
71.6%	48.8	48.8	-0.1	-0.1%
72.8%	48.6	48.6	0.0	0.1%
74.1%	48.6	48.6	0.0	0.0%
75.3%	48.5	48.6	0.1	0.1%
76.5%	48.4	48.6	0.2	0.4%
77.8%	48.3	48.4	0.0	0.0%
79.0%	48.3	48.3	0.1	0.1%
80.2%	48.1	48.2	0.1	0.3%
81.5%	48.1	48.1	0.1	0.2%
82.7%	48.0	48.0	0.0	0.0%
84.0%	48.0	48.0	0.0	0.0%
85.2%	47.9	47.9	0.0	-0.1%
86.4%	47.8	47.8	0.0	0.0%
87.7%	47.8	47.8	0.0	0.0%
88.9%	47.7	47.8	0.0	0.1%
90.1%	47.7	47.7	0.0	0.0%
91.4%	47.6	47.7	0.1	0.2%
92.6%	47.6	47.6	0.1	0.2%
93.8%	47.4	47.4	0.0	0.0%
95.1%	47.2	47.2	0.0	0.0%
96.3%	47.1	47.1	0.0	0.0%
97.5%	46.9	47.0	0.0	0.0%
98.8%	46.7	46.8	0.1	0.2%
100.0%	46.4	46.4	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	57.3	57.9	0.6	1.1%
1.2%	56.5	57.7	1.2	2.1%
2.5%	56.1	56.5	0.3	0.6%
3.7%	56.0	56.3	0.4	0.7%
4.9%	55.8	56.2	0.4	0.7%
6.2%	55.7	56.1	0.5	0.9%
7.4%	55.5	56.0	0.5	0.9%
8.6%	55.4	55.9	0.5	0.9%
9.9%	55.3	55.8	0.5	0.9%
11.1%	55.2	55.7	0.4	0.8%
12.3%	55.2	55.6	0.4	0.8%
13.6%	55.0	55.6	0.5	1.0%
14.8%	55.0	55.6	0.6	1.0%
16.0%	55.0	55.5	0.5	0.9%
17.3%	54.6	55.3	0.7	1.3%
18.5%	54.6	55.2	0.6	1.1%
19.8%	54.6	55.2	0.6	1.2%
21.0%	54.5	55.1	0.6	1.0%
22.2%	54.5	55.0	0.5	0.8%
23.5%	54.5	55.0	0.5	0.8%
24.7%	54.5	54.9	0.4	0.7%
25.9%	54.5	54.8	0.3	0.6%
27.2%	54.5	54.8	0.3	0.6%
28.4%	54.4	54.7	0.3	0.6%
29.6%	54.4	54.7	0.3	0.5%
30.9%	54.3	54.6	0.3	0.5%
32.1%	54.2	54.6	0.4	0.8%
33.3%	54.2	54.6	0.4	0.7%
34.6%	54.1	54.6	0.5	0.9%
35.8%	54.0	54.6	0.5	0.9%
37.0%	54.0	54.5	0.5	0.9%
38.3%	54.0	54.5	0.5	1.0%
39.5%	53.9	54.5	0.6	1.0%
40.7%	53.8	54.4	0.6	1.2%
42.0%	53.8	54.4	0.6	1.1%
43.2%	53.7	54.3	0.6	1.0%
44.4%	53.7	54.3	0.6	1.1%
45.7%	53.7	54.1	0.4	0.8%
46.9%	53.6	54.1	0.5	0.9%
48.1%	53.6	54.1	0.5	1.0%
49.4%	53.5	54.0	0.5	0.9%
50.6%	53.5	54.0	0.5	0.9%
51.9%	53.5	53.9	0.4	0.8%
53.1%	53.4	53.9	0.4	0.8%
54.3%	53.4	53.9	0.5	0.9%
55.6%	53.3	53.8	0.5	1.0%
56.8%	53.2	53.8	0.5	1.0%
58.0%	53.1	53.6	0.5	1.0%
59.3%	53.1	53.6	0.6	1.1%
60.5%	53.0	53.6	0.6	1.1%
61.7%	53.0	53.6	0.7	1.2%
63.0%	53.0	53.6	0.7	1.3%
64.2%	52.9	53.5	0.6	1.0%
65.4%	52.8	53.4	0.6	1.1%
66.7%	52.8	53.4	0.6	1.2%
67.9%	52.8	53.4	0.6	1.2%
69.1%	52.7	53.3	0.6	1.1%
70.4%	52.7	53.0	0.3	0.6%
71.6%	52.7	52.9	0.3	0.5%
72.8%	52.5	52.9	0.4	0.8%
74.1%	52.3	52.8	0.5	1.0%
75.3%	52.2	52.8	0.6	1.1%
76.5%	52.2	52.7	0.5	1.0%
77.8%	52.1	52.7	0.5	1.0%
79.0%	52.1	52.6	0.5	1.0%
80.2%	51.9	52.5	0.6	1.1%
81.5%	51.8	52.4	0.6	1.2%
82.7%	51.7	52.1	0.4	0.8%
84.0%	51.5	52.0	0.5	0.9%
85.2%	51.5	51.9	0.5	0.9%
86.4%	51.3	51.8	0.4	0.9%
87.7%	51.3	51.7	0.5	0.9%
88.9%	51.2	51.7	0.5	1.0%
90.1%	51.1	51.5	0.4	0.8%
91.4%	51.0	51.4	0.4	0.7%
92.6%	51.0	51.3	0.4	0.7%
93.8%	50.9	51.2	0.3	0.6%
95.1%	50.9	51.0	0.1	0.1%
96.3%	50.8	50.9	0.1	0.2%
97.5%	50.4	50.4	-0.1	-0.1%
98.8%	49.9	49.8	-0.1	-0.2%
100.0%	48.5	48.5	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.1	59.6	-0.5	-0.8%
1.2%	60.1	59.5	-0.6	-0.9%
2.5%	59.6	59.3	-0.3	-0.6%
3.7%	59.6	59.2	-0.3	-0.6%
4.9%	59.3	59.0	-0.3	-0.6%
6.2%	59.2	58.8	-0.4	-0.7%
7.4%	58.7	58.4	-0.3	-0.6%
8.6%	58.6	58.2	-0.4	-0.7%
9.9%	58.4	58.2	-0.2	-0.4%
11.1%	58.4	58.1	-0.3	-0.5%
12.3%	58.3	58.1	-0.2	-0.3%
13.6%	58.1	58.0	-0.1	-0.1%
14.8%	58.0	57.9	-0.1	-0.2%
16.0%	57.9	57.9	0.0	0.0%
17.3%	57.8	57.9	0.1	0.1%
18.5%	57.8	57.8	0.0	0.0%
19.8%	57.7	57.8	0.1	0.1%
21.0%	57.7	57.6	-0.1	-0.2%
22.2%	57.7	57.5	-0.2	-0.4%
23.5%	57.7	57.4	-0.3	-0.4%
24.7%	57.6	57.2	-0.4	-0.6%
25.9%	57.6	57.2	-0.3	-0.6%
27.2%	57.5	57.2	-0.3	-0.5%
28.4%	57.5	57.1	-0.4	-0.6%
29.6%	57.5	57.1	-0.4	-0.7%
30.9%	57.2	57.1	-0.2	-0.3%
32.1%	57.1	57.0	-0.1	-0.1%
33.3%	57.1	57.0	-0.1	-0.2%
34.6%	57.1	57.0	-0.1	-0.1%
35.8%	56.9	57.0	0.1	0.2%
37.0%	56.9	57.0	0.1	0.2%
38.3%	56.8	56.9	0.1	0.2%
39.5%	56.8	56.9	0.2	0.3%
40.7%	56.7	56.8	0.1	0.2%
42.0%	56.7	56.8	0.1	0.2%
43.2%	56.7	56.8	0.1	0.1%
44.4%	56.7	56.7	0.1	0.1%
45.7%	56.5	56.7	0.2	0.3%
46.9%	56.4	56.6	0.2	0.3%
48.1%	56.4	56.6	0.2	0.3%
49.4%	56.3	56.5	0.2	0.3%
50.6%	56.3	56.5	0.2	0.4%
51.9%	56.2	56.4	0.2	0.4%
53.1%	56.2	56.4	0.2	0.4%
54.3%	56.2	56.4	0.2	0.4%
55.6%	56.1	56.3	0.2	0.4%
56.8%	56.1	56.2	0.1	0.2%
58.0%	56.0	56.2	0.2	0.3%
59.3%	56.0	56.1	0.1	0.2%
60.5%	55.9	56.0	0.1	0.2%
61.7%	55.9	56.0	0.1	0.2%
63.0%	55.9	56.0	0.1	0.2%
64.2%	55.8	56.0	0.2	0.3%
65.4%	55.8	56.0	0.2	0.3%
66.7%	55.8	56.0	0.2	0.3%
67.9%	55.6	56.0	0.4	0.7%
69.1%	55.5	55.9	0.4	0.7%
70.4%	55.5	55.9	0.4	0.7%
71.6%	55.4	55.9	0.4	0.8%
72.8%	55.4	55.9	0.5	0.9%
74.1%	55.1	55.8	0.7	1.3%
75.3%	55.1	55.7	0.6	1.1%
76.5%	55.0	55.6	0.6	1.1%
77.8%	55.0	55.5	0.5	0.9%
79.0%	55.0	55.5	0.5	0.9%
80.2%	55.0	55.4	0.5	0.8%
81.5%	54.9	55.4	0.5	0.9%
82.7%	54.9	55.3	0.3	0.6%
84.0%	54.8	55.2	0.3	0.6%
85.2%	54.8	55.1	0.3	0.5%
86.4%	54.8	55.1	0.3	0.5%
87.7%	54.8	55.1	0.3	0.6%
88.9%	54.7	54.8	0.0	0.0%
90.1%	54.6	54.7	0.0	0.0%
91.4%	54.5	54.5	0.0	0.0%
92.6%	54.4	54.2	-0.2	-0.4%
93.8%	54.2	54.2	0.0	0.0%
95.1%	53.8	54.1	0.3	0.6%
96.3%	53.8	53.7	0.0	0.0%
97.5%	53.8	53.7	-0.1	-0.2%
98.8%	53.6	53.6	0.0	0.0%
100.0%	52.6	52.5	-0.1	-0.1%

Table SQ-06-3b

Sacramento River at Red Bluff, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	61.1	60.3	-0.7	-1.2%
1.2%	61.0	60.2	-0.8	-1.4%
2.5%	59.9	59.6	-0.3	-0.5%
3.7%	59.5	59.6	0.2	0.3%
4.9%	59.4	59.4	0.0	0.0%
6.2%	59.1	59.2	0.0	0.0%
7.4%	59.0	59.1	0.1	0.2%
8.6%	58.9	58.8	-0.1	-0.1%
9.9%	58.8	58.7	-0.1	-0.1%
11.1%	58.5	58.7	0.2	0.3%
12.3%	58.4	58.7	0.2	0.4%
13.6%	58.3	58.6	0.3	0.5%
14.8%	58.2	58.2	0.0	0.1%
16.0%	58.2	58.0	-0.1	-0.2%
17.3%	58.0	58.0	0.0	0.1%
18.5%	57.9	57.9	0.0	0.0%
19.8%	57.9	57.9	0.0	0.0%
21.0%	57.9	57.7	-0.2	-0.4%
22.2%	57.7	57.6	-0.1	-0.2%
23.5%	57.7	57.6	-0.1	-0.2%
24.7%	57.5	57.5	0.0	0.0%
25.9%	57.5	57.4	-0.1	-0.2%
27.2%	57.5	57.4	-0.1	-0.2%
28.4%	57.5	57.4	-0.1	-0.2%
29.6%	57.5	57.3	-0.1	-0.3%
30.9%	57.5	57.3	-0.1	-0.3%
32.1%	57.4	57.3	-0.1	-0.2%
33.3%	57.4	57.3	-0.1	-0.1%
34.6%	57.3	57.3	0.0	0.0%
35.8%	57.3	57.3	0.0	0.0%
37.0%	57.3	57.2	0.0	-0.1%
38.3%	57.2	57.2	0.0	-0.1%
39.5%	57.2	57.2	0.0	-0.1%
40.7%	57.1	57.1	0.0	0.0%
42.0%	57.1	57.1	0.0	0.0%
43.2%	57.0	57.1	0.1	0.1%
44.4%	57.0	57.0	0.1	0.1%
45.7%	57.0	57.0	0.1	0.1%
46.9%	57.0	57.0	0.0	0.1%
48.1%	56.9	56.9	0.1	0.1%
49.4%	56.9	56.9	0.0	0.0%
50.6%	56.8	56.9	0.1	0.1%
51.9%	56.8	56.9	0.1	0.1%
53.1%	56.8	56.9	0.0	0.1%
54.3%	56.8	56.8	0.1	0.1%
55.6%	56.8	56.8	0.1	0.1%
56.8%	56.6	56.8	0.2	0.3%
58.0%	56.6	56.8	0.2	0.3%
59.3%	56.6	56.8	0.2	0.4%
60.5%	56.6	56.7	0.2	0.3%
61.7%	56.6	56.7	0.1	0.2%
63.0%	56.6	56.6	0.1	0.2%
64.2%	56.5	56.6	0.1	0.2%
65.4%	56.5	56.6	0.1	0.2%
66.7%	56.5	56.6	0.1	0.1%
67.9%	56.4	56.6	0.1	0.2%
69.1%	56.4	56.5	0.1	0.2%
70.4%	56.3	56.5	0.1	0.2%
71.6%	56.3	56.4	0.1	0.2%
72.8%	56.2	56.4	0.2	0.4%
74.1%	56.2	56.4	0.2	0.4%
75.3%	56.2	56.4	0.2	0.3%
76.5%	56.1	56.3	0.2	0.3%
77.8%	56.1	56.3	0.2	0.3%
79.0%	56.1	56.1	0.1	0.1%
80.2%	56.1	56.1	0.1	0.1%
81.5%	56.1	56.1	0.1	0.1%
82.7%	56.0	56.1	0.1	0.1%
84.0%	56.0	56.1	0.1	0.1%
85.2%	56.0	56.1	0.0	0.1%
86.4%	56.0	56.0	0.0	0.0%
87.7%	56.0	56.0	0.0	0.1%
88.9%	56.0	56.0	0.0	0.1%
90.1%	55.9	56.0	0.1	0.2%
91.4%	55.7	55.9	0.2	0.3%
92.6%	55.6	55.7	0.2	0.3%
93.8%	55.5	55.7	0.2	0.4%
95.1%	55.3	55.7	0.4	0.7%
96.3%	55.0	55.3	0.3	0.5%
97.5%	55.0	55.2	0.3	0.5%
98.8%	54.9	55.0	0.1	0.2%
100.0%	54.8	54.8	0.0	0.0%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	63.6	62.4	-1.1	-1.8%
1.2%	62.4	62.1	-0.3	-0.5%
2.5%	61.8	61.8	0.0	0.0%
3.7%	61.4	61.4	0.0	0.1%
4.9%	61.3	61.2	0.0	-0.1%
6.2%	61.2	60.7	-0.4	-0.7%
7.4%	61.0	60.6	-0.3	-0.6%
8.6%	60.8	60.5	-0.3	-0.6%
9.9%	60.2	60.3	0.1	0.1%
11.1%	60.1	59.7	-0.4	-0.6%
12.3%	60.0	59.6	-0.5	-0.8%
13.6%	59.7	59.4	-0.3	-0.5%
14.8%	59.5	59.4	-0.1	-0.2%
16.0%	59.4	59.3	-0.1	-0.2%
17.3%	59.3	59.1	-0.2	-0.4%
18.5%	59.2	59.1	-0.1	-0.2%
19.8%	59.0	59.0	0.0	0.0%
21.0%	58.9	58.9	0.0	-0.1%
22.2%	58.9	58.9	0.0	0.0%
23.5%	58.8	58.8	-0.1	-0.1%
24.7%	58.7	58.8	0.1	0.2%
25.9%	58.5	58.7	0.2	0.3%
27.2%	58.5	58.7	0.2	0.3%
28.4%	58.5	58.6	0.1	0.2%
29.6%	58.5	58.5	0.0	0.1%
30.9%	58.5	58.5	0.0	0.0%
32.1%	58.5	58.4	-0.1	-0.1%
33.3%	58.4	58.2	-0.2	-0.3%
34.6%	58.3	58.2	0.0	-0.1%
35.8%	58.2	58.2	0.0	0.0%
37.0%	58.1	58.2	0.1	0.1%
38.3%	58.1	58.2	0.0	0.1%
39.5%	58.1	58.1	0.0	0.0%
40.7%	58.0	58.1	0.1	0.1%
42.0%	58.0	58.0	0.1	0.1%
43.2%	57.9	57.9	0.0	0.0%
44.4%	57.9	57.9	0.0	0.0%
45.7%	57.8	57.9	0.0	0.1%
46.9%	57.7	57.8	0.1	0.3%
48.1%	57.6	57.8	0.1	0.2%
49.4%	57.5	57.7	0.3	0.5%
50.6%	57.5	57.7	0.3	0.5%
51.9%	57.4	57.6	0.3	0.5%
53.1%	57.3	57.6	0.3	0.5%
54.3%	57.2	57.5	0.3	0.6%
55.6%	57.2	57.5	0.3	0.6%
56.8%	57.1	57.2	0.1	0.2%
58.0%	57.1	57.2	0.2	0.3%
59.3%	57.0	57.2	0.2	0.3%
60.5%	57.0	57.2	0.2	0.3%
61.7%	57.0	57.2	0.2	0.3%
63.0%	57.0	57.1	0.1	0.2%
64.2%	57.0	57.1	0.1	0.1%
65.4%	57.0	57.1	0.1	0.2%
66.7%	56.9	57.1	0.1	0.3%
67.9%	56.9	57.0	0.2	0.3%
69.1%	56.8	57.0	0.2	0.4%
70.4%	56.8	57.0	0.2	0.4%
71.6%	56.8	57.0	0.2	0.4%
72.8%	56.7	56.9	0.2	0.4%
74.1%	56.7	56.9	0.2	0.3%
75.3%	56.7	56.9	0.2	0.3%
76.5%	56.7	56.9	0.2	0.4%
77.8%	56.7	56.8	0.2	0.3%
79.0%	56.6	56.8	0.2	0.3%
80.2%	56.6	56.8	0.2	0.3%
81.5%	56.6	56.7	0.1	0.3%
82.7%	56.6	56.7	0.1	0.2%
84.0%	56.5	56.7	0.2	0.3%
85.2%	56.5	56.5	0.1	0.1%
86.4%	56.4	56.4	0.0	0.0%
87.7%	56.4	56.3	-0.1	-0.2%
88.9%	56.3	56.2	-0.1	-0.1%
90.1%	56.3	56.2	-0.1	-0.1%
91.4%	56.1	56.1	0.1	0.1%
92.6%	56.0	56.1	0.0	0.1%
93.8%	55.9	56.1	0.2	0.4%
95.1%	55.8	55.8	0.0	0.1%
96.3%	55.8	55.8	0.0	0.0%
97.5%	55.8	55.6	-0.2	-0.3%
98.8%	55.7	55.5	-0.1	-0.2%
100.0%	55.6	55.4	-0.2	-0.3%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.6	66.6	-1.1	-1.6%
1.2%	67.3	65.2	-2.1	-3.1%
2.5%	66.3	64.5	-1.7	-2.6%
3.7%	65.0	62.3	-2.7	-4.1%
4.9%	62.6	60.7	-1.9	-3.0%
6.2%	62.3	60.2	-2.1	-3.4%
7.4%	61.9	60.2	-1.7	-2.7%
8.6%	61.0	60.1	-0.9	-1.4%
9.9%	60.7	60.0	-0.6	-1.0%
11.1%	60.4	60.0	-0.4	-0.6%
12.3%	60.4	59.9	-0.5	-0.8%
13.6%	60.3	59.9	-0.4	-0.7%
14.8%	60.0	59.8	-0.2	-0.4%
16.0%	60.0	59.6	-0.4	-0.7%
17.3%	59.8	59.6	-0.2	-0.3%
18.5%	59.6	59.4	-0.2	-0.4%
19.8%	59.6	59.2	-0.4	-0.6%
21.0%	59.5	59.0	-0.5	-0.8%
22.2%	59.3	59.0	-0.3	-0.5%
23.5%	59.3	59.0	-0.3	-0.5%
24.7%	59.2	58.9	-0.3	-0.5%
25.9%	59.2	58.9	-0.3	-0.6%
27.2%	59.1	58.8	-0.3	-0.5%
28.4%	59.1	58.8	-0.3	-0.5%
29.6%	58.8	58.8	-0.1	-0.1%
30.9%	58.8	58.7	-0.1	-0.2%
32.1%	58.8	58.7	-0.1	-0.2%
33.3%	58.8	58.7	-0.1	-0.2%
34.6%	58.7	58.6	0.0	0.0%
35.8%	58.7	58.6	0.0	0.0%
37.0%	58.6	58.6	0.0	0.0%
38.3%	58.6	58.6	0.0	0.0%
39.5%	58.6	58.6	0.0	0.0%
40.7%	58.6	58.6	0.0	0.0%
42.0%	58.4	58.5	0.1	0.2%
43.2%	58.3	58.5	0.1	0.2%
44.4%	58.3	58.4	0.1	0.2%
45.7%	58.3	58.4	0.1	0.2%
46.9%	58.3	58.4	0.1	0.2%
48.1%	58.3	58.3	0.0	0.0%
49.4%	58.3	58.3	0.0	0.0%
50.6%	58.2	58.3	0.0	0.0%
51.9%	58.2	58.2	-0.1	-0.1%
53.1%	58.2	58.1	-0.1	-0.1%
54.3%	58.2	58.1	0.0	0.0%
55.6%	58.1	58.1	0.0	0.0%
56.8%	58.1	58.1	0.0	0.1%
58.0%	58.1	58.1	0.1	0.1%
59.3%	58.0	58.1	0.1	0.2%
60.5%	58.0	58.1	0.1	0.2%
61.7%	57.9	58.1	0.1	0.2%
63.0%	57.9	58.0	0.1	0.2%
64.2%	57.9	58.0	0.0	0.1%
65.4%	57.9	57.9	0.0	0.1%
66.7%	57.9	57.9	0.0	0.1%
67.9%	57.9	57.9	0.0	0.0%
69.1%	57.9	57.9	0.0	0.0%
70.4%	57.8	57.8	0.0	0.0%
71.6%	57.8	57.8	-0.1	-0.1%
72.8%	57.7	57.8	0.0	0.1%
74.1%	57.7	57.7	0.0	0.0%
75.3%	57.7	57.7	0.0	0.0%
76.5%	57.7	57.6	0.0	0.0%
77.8%	57.6	57.6	0.0	0.0%
79.0%	57.5	57.6	0.1	0.1%
80.2%	57.5	57.5	0.0	0.0%
81.5%	57.4	57.4	0.0	0.0%
82.7%	57.4	57.4	0.1	0.1%
84.0%	57.4	57.4	0.1	0.1%
85.2%	57.3	57.4	0.1	0.2%
86.4%	57.2	57.4	0.1	0.3%
87.7%	57.2	57.3	0.1	0.2%
88.9%	57.2	57.2	0.0	0.0%
90.1%	56.9	57.2	0.2	0.4%
91.4%	56.9	57.1	0.2	0.4%
92.6%	56.8	56.9	0.1	0.2%
93.8%	56.6	56.9	0.3	0.5%
95.1%	56.5	56.8	0.3	0.5%
96.3%	56.3	56.5	0.2	0.4%
97.5%	56.2	56.3	0.1	0.1%
98.8%	56.0	56.3	0.3	0.5%
100.0%	55.9	56.3	0.4	0.7%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.0	66.1	-0.9	-1.3%
1.2%	65.6	64.5	-1.1	-1.7%
2.5%	65.5	64.2	-1.3	-2.1%
3.7%	65.1	64.1	-1.0	-1.5%
4.9%	64.9	63.7	-1.2	-1.9%
6.2%	64.8	63.4	-1.4	-2.2%
7.4%	64.4	62.8	-1.6	-2.5%
8.6%	63.7	62.3	-1.4	-2.2%
9.9%	62.4	61.7	-0.7	-1.1%
11.1%	61.6	61.5	-0.1	-0.2%
12.3%	61.5	61.4	-0.1	-0.1%
13.6%	61.4	61.2	-0.3	-0.4%
14.8%	61.3	60.6	-0.7	-1.1%
16.0%	61.1	60.5	-0.7	-1.1%
17.3%	60.8	60.3	-0.5	-0.8%
18.5%	60.6	60.3	-0.4	-0.6%
19.8%	60.5	60.2	-0.3	-0.5%
21.0%	60.5	59.8	-0.7	-1.2%
22.2%	60.2	59.7	-0.6	-0.9%
23.5%	60.2	59.7	-0.5	-0.9%
24.7%	60.0	59.7	-0.3	-0.5%
25.9%	59.9	59.4	-0.5	-0.9%
27.2%	59.5	59.4	-0.1	-0.3%
28.4%	59.4	59.3	-0.1	-0.2%
29.6%	59.4	59.3	-0.2	-0.3%
30.9%	59.4	58.9	-0.5	-0.8%
32.1%	59.3	58.9	-0.5	-0.8%
33.3%	59.3	58.8	-0.5	-0.8%
34.6%	59.3	58.8	-0.5	-0.9%
35.8%	59.2	58.8	-0.5	-0.8%
37.0%	59.2	58.7	-0.5	-0.8%
38.3%	59.1	58.7	-0.4	-0.7%
39.5%	59.0	58.7	-0.3	-0.5%
40.7%	59.0	58.7	-0.3	-0.5%
42.0%	59.0	58.6	-0.3	-0.6%
43.2%	59.0	58.6	-0.3	-0.5%
44.4%	59.0	58.6	-0.4	-0.6%
45.7%	58.8	58.6	-0.2	-0.3%
46.9%	58.7	58.4	-0.2	-0.4%
48.1%	58.6	58.4	-0.2	-0.4%
49.4%	58.5	58.3	-0.2	-0.3%
50.6%	58.5	58.3	-0.2	-0.4%
51.9%	58.4	58.2	-0.2	-0.3%
53.1%	58.4	58.2	-0.2	-0.3%
54.3%	58.3	58.1	-0.2	-0.3%
55.6%	58.3	58.1	-0.2	-0.4%
56.8%	58.2	58.0	-0.2	-0.4%
58.0%	58.2	57.9	-0.3	-0.5%
59.3%	58.1	57.7	-0.4	-0.8%
60.5%	58.0	57.6	-0.4	-0.7%
61.7%	57.9	57.6	-0.3	-0.5%
63.0%	57.7	57.6	-0.1	-0.2%
64.2%	57.7	57.5	-0.1	-0.3%
65.4%	57.7	57.5	-0.2	-0.3%
66.7%	57.6	57.5	-0.2	-0.3%
67.9%	57.6	57.4	-0.2	-0.3%
69.1%	57.4	57.3	-0.1	-0.2%
70.4%	57.0	57.3	0.2	0.4%
71.6%	57.0	57.2	0.2	0.4%
72.8%	56.9	57.2	0.3	0.5%
74.1%	56.9	57.2	0.3	0.5%
75.3%	56.8	57.1	0.3	0.5%
76.5%	56.8	57.0	0.2	0.4%
77.8%	56.8	56.9	0.1	0.2%
79.0%	56.8	56.8	0.1	0.1%
80.2%	56.7	56.8	0.1	0.1%
81.5%	56.7	56.7	0.0	0.0%
82.7%	56.7	56.7	0.0	0.1%
84.0%	56.6	56.7	0.0	0.0%
85.2%	56.6	56.6	0.0	0.1%
86.4%	56.5	56.5	0.0	0.1%
87.7%	56.2	56.3	0.1	0.1%
88.9%	56.2	56.2	0.0	-0.1%
90.1%	56.2	56.1	-0.1	-0.1%
91.4%	56.2	56.1	-0.1	-0.3%
92.6%	56.1	56.0	-0.1	-0.1%
93.8%	56.1	56.0	-0.1	-0.1%
95.1%	56.0	55.9	-0.1	-0.2%
96.3%	55.9	55.7	-0.2	-0.4%
97.5%	55.6	55.0	-0.6	-1.1%
98.8%	54.5	54.6	0.2	0.3%
100.0%	54.3	54.5	0.2	0.3%

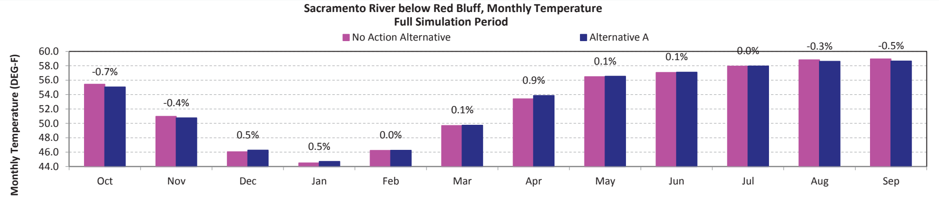
Table SQ-07-3a
Sacramento River below Red Bluff, Monthly Temperature
Long-term Average and Average by Water Year Type

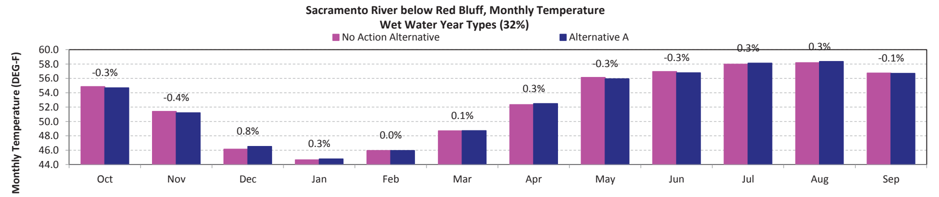
	Monthly Temperature (DEG-F)											
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period[1]												
No Action Alternative	55.4	51.0	46.1	44.5	46.2	49.7	53.4	56.5	57.1	57.9	58.8	59.0
Alternative A	55.0	50.8	46.3	44.7	46.3	49.7	53.9	56.5	57.1	58.0	58.6	58.7
Difference	-0.4	-0.2	0.2	0.2	0.0	0.0	0.5	0.1	0.0	0.0	-0.2	-0.3
Percent Difference[3]	-0.7%	-0.4%	0.5%	0.5%	0.0%	0.1%	0.9%	0.1%	0.1%	0.0%	-0.3%	-0.5%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	54.8	51.4	46.1	44.6	45.9	48.7	52.3	56.1	56.9	58.0	58.2	56.7
Alternative A	54.7	51.2	46.5	44.8	46.0	48.7	52.5	55.9	56.8	58.1	58.3	56.7
Difference	-0.2	-0.2	0.4	0.1	0.0	0.0	0.1	-0.2	-0.2	0.2	0.2	0.0
Percent Difference	-0.3%	-0.4%	0.8%	0.3%	0.0%	0.1%	0.3%	-0.3%	-0.3%	0.3%	0.3%	-0.1%
Above Normal (15%)												
No Action Alternative	54.5	50.7	46.5	44.8	46.3	49.9	53.8	57.1	56.4	56.9	58.3	58.0
Alternative A	54.2	50.6	46.9	45.0	46.3	49.9	54.1	56.8	56.7	57.1	58.4	58.1
Difference	-0.3	-0.1	0.4	0.2	0.0	0.0	0.3	-0.3	0.2	0.2	0.1	0.1
Percent Difference	-0.6%	-0.3%	0.8%	0.4%	0.0%	0.0%	0.5%	-0.5%	0.4%	0.3%	0.2%	0.2%
Below Normal (17%)												
No Action Alternative	54.2	50.4	46.4	44.3	45.9	49.6	53.9	56.6	56.7	57.3	57.9	59.0
Alternative A	53.8	50.3	46.4	44.5	45.9	49.6	54.5	56.8	56.8	57.4	58.0	58.5
Difference	-0.4	-0.2	0.1	0.2	0.0	0.0	0.6	0.2	0.1	0.1	0.1	-0.4
Percent Difference	-0.8%	-0.3%	0.2%	0.4%	0.0%	0.0%	1.0%	0.4%	0.2%	0.1%	0.1%	-0.7%
Dry (22%)												
No Action Alternative	55.7	51.1	46.0	44.3	46.4	50.4	54.1	56.2	57.1	57.5	58.6	60.0
Alternative A	55.2	50.8	46.0	44.7	46.4	50.4	54.8	56.5	57.3	57.4	58.4	59.6
Difference	-0.5	-0.3	0.0	0.4	0.0	0.0	0.7	0.3	0.1	0.0	-0.3	-0.4
Percent Difference	-1.0%	-0.5%	0.0%	0.8%	0.0%	0.1%	1.4%	0.6%	0.3%	-0.1%	-0.4%	-0.7%
Critical (15%)												
No Action Alternative	58.6	50.7	45.2	44.3	47.1	50.8	53.7	56.9	58.4	60.5	62.0	63.1
Alternative A	58.0	50.5	45.3	44.6	47.1	50.9	54.5	57.2	58.4	60.1	60.5	62.1
Difference	-0.7	-0.3	0.2	0.2	0.1	0.1	0.8	0.3	0.0	-0.4	-1.5	-1.0
Percent Difference	-1.1%	-0.5%	0.4%	0.5%	0.2%	0.2%	1.5%	0.6%	0.0%	-0.7%	-2.4%	-1.6%

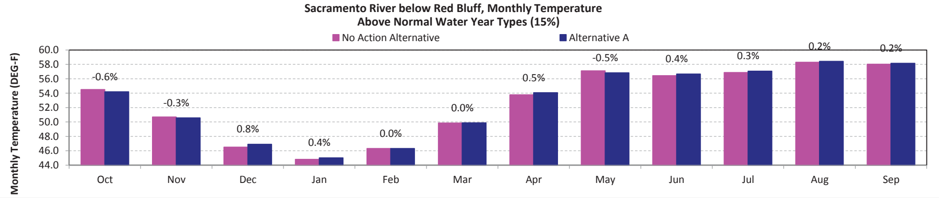
1 Based on the 82-year simulation period

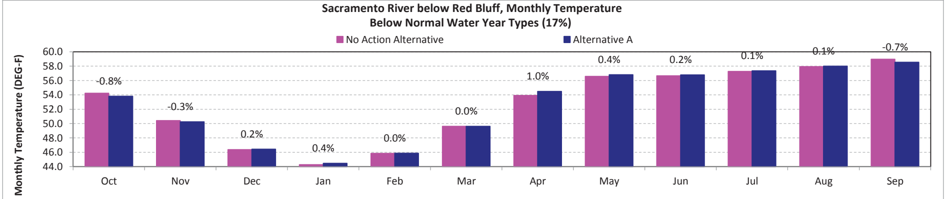
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

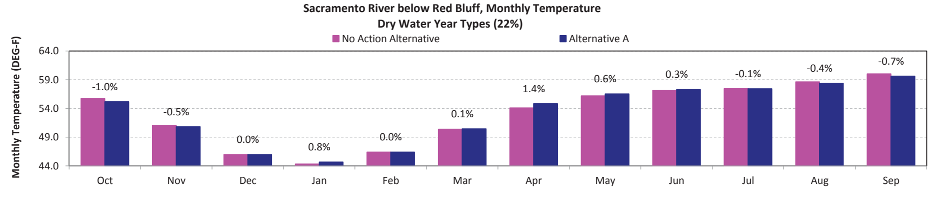
3 Relative difference of the monthly average


Sacramento River below Red Bluff, Monthly Temperature
Full Simulation Period


Sacramento River below Red Bluff, Monthly Temperature
Wet Water Year Types (32%)


Sacramento River below Red Bluff, Monthly Temperature
Above Normal Water Year Types (15%)


Sacramento River below Red Bluff, Monthly Temperature
Below Normal Water Year Types (17%)


Sacramento River below Red Bluff, Monthly Temperature
Dry Water Year Types (22%)

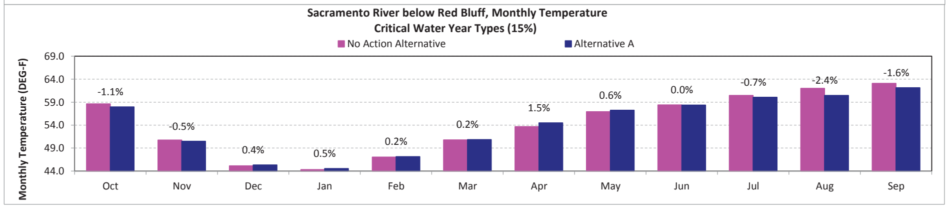

Sacramento River below Red Bluff, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-07-3b
Sacramento River below Red Bluff, Monthly Temperature
Probability of Exceedance

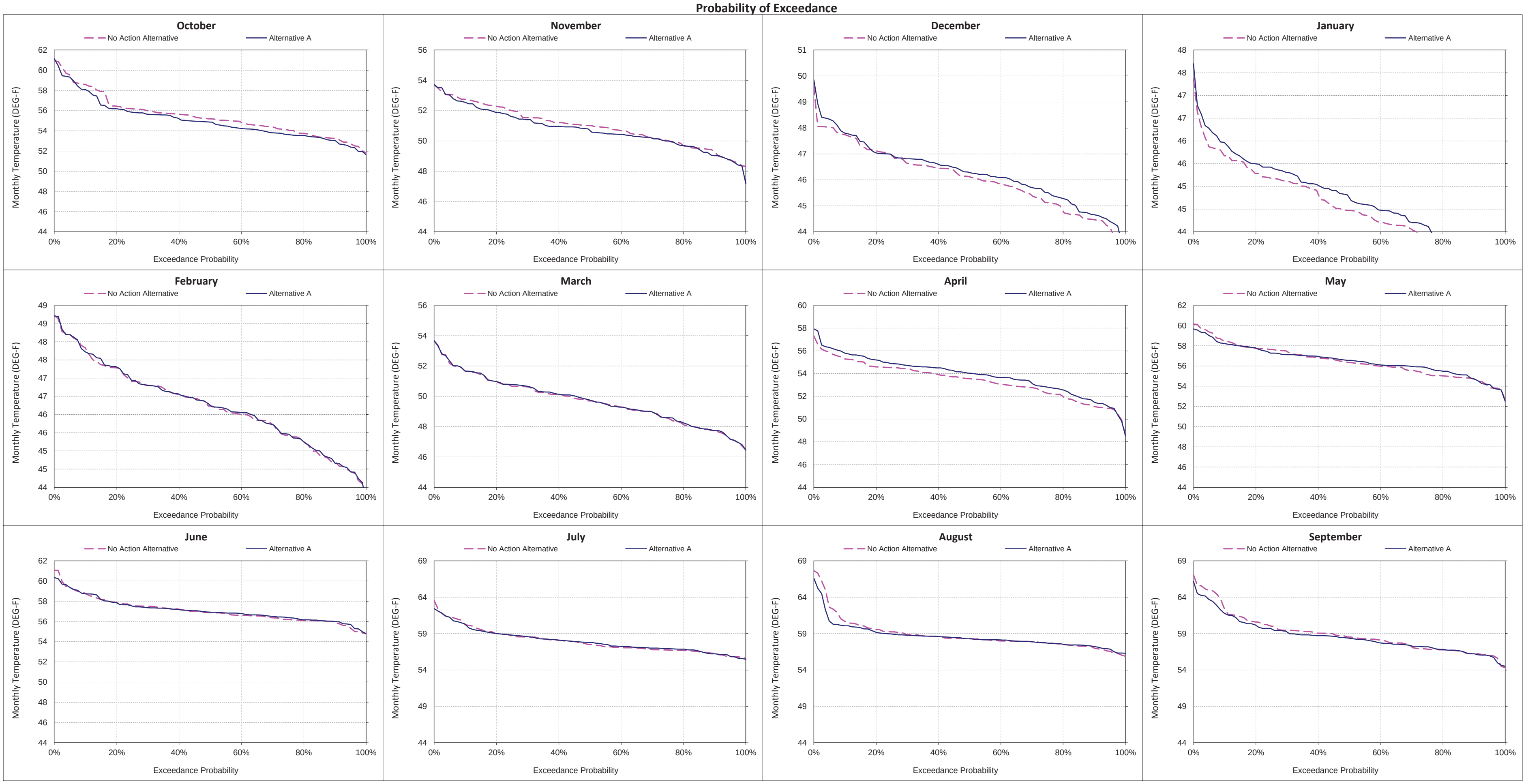


Table SQ-07-3b

Sacramento River below Red Bluff, Monthly Temperature

Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.9	61.1	0.2	0.3%
1.2%	60.9	60.4	-0.4	-0.7%
2.5%	60.3	59.4	-0.9	-1.4%
3.7%	59.7	59.4	-0.3	-0.5%
4.9%	59.5	59.3	-0.2	-0.4%
6.2%	58.8	58.9	0.1	0.2%
7.4%	58.7	58.4	-0.3	-0.5%
8.6%	58.6	58.1	-0.5	-0.9%
9.9%	58.6	58.1	-0.5	-0.9%
11.1%	58.4	57.9	-0.5	-0.9%
12.3%	58.4	57.6	-0.8	-1.4%
13.6%	58.0	57.4	-0.6	-1.0%
14.8%	57.9	56.6	-1.4	-2.3%
16.0%	57.9	56.5	-1.4	-2.4%
17.3%	56.7	56.2	-0.5	-0.9%
18.5%	56.5	56.2	-0.3	-0.5%
19.8%	56.4	56.2	-0.3	-0.5%
21.0%	56.4	56.1	-0.3	-0.5%
22.2%	56.3	56.1	-0.2	-0.3%
23.5%	56.2	55.9	-0.3	-0.5%
24.7%	56.2	55.9	-0.3	-0.6%
25.9%	56.2	55.8	-0.4	-0.6%
27.2%	56.1	55.8	-0.4	-0.6%
28.4%	56.1	55.8	-0.3	-0.6%
29.6%	56.0	55.7	-0.4	-0.6%
30.9%	55.9	55.6	-0.3	-0.6%
32.1%	55.9	55.6	-0.3	-0.5%
33.3%	55.8	55.6	-0.2	-0.3%
34.6%	55.8	55.6	-0.2	-0.3%
35.8%	55.8	55.6	-0.2	-0.3%
37.0%	55.7	55.5	-0.2	-0.3%
38.3%	55.7	55.4	-0.3	-0.6%
39.5%	55.6	55.3	-0.4	-0.7%
40.7%	55.6	55.1	-0.6	-1.0%
42.0%	55.6	55.0	-0.6	-1.0%
43.2%	55.6	55.0	-0.6	-1.0%
44.4%	55.4	55.0	-0.5	-0.9%
45.7%	55.3	54.9	-0.4	-0.7%
46.9%	55.3	54.9	-0.3	-0.6%
48.1%	55.2	54.9	-0.3	-0.6%
49.4%	55.2	54.9	-0.3	-0.6%
50.6%	55.2	54.8	-0.3	-0.6%
51.9%	55.1	54.6	-0.5	-0.9%
53.1%	55.1	54.6	-0.5	-0.9%
54.3%	55.0	54.5	-0.6	-1.0%
55.6%	55.0	54.5	-0.6	-1.0%
56.8%	55.0	54.4	-0.6	-1.1%
58.0%	55.0	54.3	-0.7	-1.2%
59.3%	54.9	54.3	-0.7	-1.2%
60.5%	54.8	54.2	-0.5	-1.0%
61.7%	54.7	54.2	-0.5	-0.9%
63.0%	54.6	54.2	-0.4	-0.8%
64.2%	54.6	54.2	-0.4	-0.8%
65.4%	54.5	54.1	-0.4	-0.8%
66.7%	54.5	54.0	-0.5	-0.9%
67.9%	54.4	53.9	-0.5	-0.9%
69.1%	54.4	53.8	-0.6	-1.1%
70.4%	54.4	53.8	-0.6	-1.0%
71.6%	54.2	53.8	-0.4	-0.8%
72.8%	54.2	53.7	-0.4	-0.8%
74.1%	54.2	53.6	-0.5	-1.0%
75.3%	54.0	53.6	-0.4	-0.8%
76.5%	54.0	53.6	-0.5	-0.9%
77.8%	53.8	53.6	-0.3	-0.5%
79.0%	53.7	53.5	-0.2	-0.4%
80.2%	53.7	53.5	-0.2	-0.4%
81.5%	53.7	53.4	-0.2	-0.5%
82.7%	53.5	53.4	-0.1	-0.2%
84.0%	53.4	53.4	-0.1	-0.1%
85.2%	53.4	53.3	-0.1	-0.1%
86.4%	53.4	53.2	-0.1	-0.2%
87.7%	53.3	53.1	-0.2	-0.4%
88.9%	53.3	53.0	-0.2	-0.4%
90.1%	53.3	53.0	-0.2	-0.4%
91.4%	53.1	52.7	-0.4	-0.8%
92.6%	52.9	52.6	-0.2	-0.4%
93.8%	52.9	52.6	-0.3	-0.6%
95.1%	52.7	52.4	-0.3	-0.6%
96.3%	52.5	52.3	-0.2	-0.3%
97.5%	52.4	52.0	-0.5	-0.9%
98.8%	52.0	51.9	-0.1	-0.2%
100.0%	51.8	51.6	0.0	-0.3%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.7	53.7	0.0	0.1%
1.2%	53.5	53.5	0.0	0.0%
2.5%	53.2	53.5	0.3	0.5%
3.7%	53.1	53.0	0.0	0.0%
4.9%	53.1	53.0	0.0	-0.1%
6.2%	53.0	52.8	-0.2	-0.5%
7.4%	52.9	52.6	-0.3	-0.5%
8.6%	52.8	52.6	-0.1	-0.3%
9.9%	52.7	52.5	-0.2	-0.4%
11.1%	52.7	52.5	-0.3	-0.5%
12.3%	52.6	52.4	-0.2	-0.4%
13.6%	52.6	52.2	-0.4	-0.7%
14.8%	52.5	52.1	-0.4	-0.8%
16.0%	52.4	52.1	-0.4	-0.7%
17.3%	52.4	52.1	-0.3	-0.6%
18.5%	52.3	52.0	-0.4	-0.7%
19.8%	52.3	51.9	-0.4	-0.8%
21.0%	52.2	51.9	-0.4	-0.7%
22.2%	52.2	51.8	-0.4	-0.8%
23.5%	52.1	51.8	-0.3	-0.6%
24.7%	52.0	51.6	-0.4	-0.8%
25.9%	52.0	51.6	-0.4	-0.8%
27.2%	51.9	51.4	-0.5	-0.9%
28.4%	51.5	51.4	-0.1	-0.2%
29.6%	51.5	51.4	-0.1	-0.2%
30.9%	51.5	51.4	-0.1	-0.3%
32.1%	51.5	51.2	-0.3	-0.7%
33.3%	51.5	51.2	-0.4	-0.7%
34.6%	51.5	51.2	-0.3	-0.6%
35.8%	51.3	51.0	-0.3	-0.7%
37.0%	51.3	51.0	-0.4	-0.7%
38.3%	51.2	51.0	-0.3	-0.5%
39.5%	51.2	51.0	-0.3	-0.5%
40.7%	51.2	51.0	-0.3	-0.5%
42.0%	51.2	50.9	-0.2	-0.5%
43.2%	51.1	50.9	-0.2	-0.4%
44.4%	51.1	50.9	-0.2	-0.4%
45.7%	51.1	50.9	-0.2	-0.3%
46.9%	51.1	50.8	-0.2	-0.4%
48.1%	51.0	50.8	-0.2	-0.4%
49.4%	51.0	50.8	-0.2	-0.4%
50.6%	51.0	50.6	-0.4	-0.8%
51.9%	50.9	50.6	-0.4	-0.7%
53.1%	50.9	50.5	-0.4	-0.8%
54.3%	50.9	50.5	-0.4	-0.8%
55.6%	50.9	50.5	-0.4	-0.8%
56.8%	50.8	50.5	-0.3	-0.6%
58.0%	50.7	50.4	-0.3	-0.6%
59.3%	50.7	50.4	-0.3	-0.6%
60.5%	50.7	50.4	-0.2	-0.5%
61.7%	50.6	50.4	-0.3	-0.5%
63.0%	50.5	50.4	-0.1	-0.3%
64.2%	50.4	50.3	-0.1	-0.3%
65.4%	50.4	50.3	-0.2	-0.3%
66.7%	50.4	50.3	-0.2	-0.3%
67.9%	50.3	50.2	-0.1	-0.1%
69.1%	50.2	50.2	0.0	0.0%
70.4%	50.2	50.1	0.0	-0.1%
71.6%	50.2	50.1	0.0	-0.1%
72.8%	50.1	50.1	0.0	-0.1%
74.1%	50.1	50.0	-0.1	-0.1%
75.3%	50.0	50.0	0.0	0.0%
76.5%	49.9	49.9	0.0	0.1%
77.8%	49.9	49.8	-0.1	-0.2%
79.0%	49.9	49.7	-0.2	-0.3%
80.2%	49.7	49.7	0.0	0.1%
81.5%	49.6	49.6	0.0	0.0%
82.7%	49.5	49.6	0.1	0.2%
84.0%	49.5	49.6	0.0	0.1%
85.2%	49.5	49.4	-0.1	-0.2%
86.4%	49.5	49.2	-0.3	-0.5%
87.7%	49.4	49.2	-0.2	-0.4%
88.9%	49.4	49.1	-0.4	-0.8%
90.1%	49.2	49.0	-0.2	-0.4%
91.4%	49.0	49.0	0.1	0.1%
92.6%	48.9	48.9	0.0	0.0%
93.8%	48.8	48.8	0.1	0.1%
95.1%	48.8	48.7	0.0	0.0%
96.3%	48.6	48.6	0.0	-0.1%
97.5%	48.6	48.4	-0.2	-0.3%
98.8%	48.4	48.3	0.0	0.0%
100.0%	48.3	47.2	-1.2	-2.4%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	49.6	49.8	0.2	0.5%
1.2%	48.1	48.9	0.9	1.8%
2.5%	48.1	48.4	0.4	0.7%
3.7%	48.0	48.4	0.3	0.7%
4.9%	48.0	48.3	0.3	0.7%
6.2%	48.0	48.3	0.3	0.5%
7.4%	47.8	48.1	0.3	0.6%
8.6%	47.8	47.9	0.1	0.3%
9.9%	47.7	47.8	0.1	0.1%
11.1%	47.7	47.8	0.1	0.2%
12.3%	47.6	47.7	0.1	0.2%
13.6%	47.6	47.7	0.1	0.2%
14.8%	47.3	47.5	0.2	0.3%
16.0%	47.3	47.5	0.2	0.4%
17.3%	47.2	47.3	0.1	0.3%
18.5%	47.2	47.1	0.0	0.0%
19.8%	47.1	47.0	-0.1	-0.2%
21.0%	47.1	47.0	-0.1	-0.2%
22.2%	47.1	47.0	-0.1	-0.1%
23.5%	47.1	47.0	-0.1	-0.1%
24.7%	47.0	47.0	0.0	0.0%
25.9%	46.8	46.9	0.1	0.1%
27.2%	46.8	46.8	0.0	0.1%
28.4%	46.8	46.8	0.0	0.1%
29.6%	46.7	46.8	0.2	0.3%
30.9%	46.6	46.8	0.2	0.4%
32.1%	46.6	46.8	0.2	0.5%
33.3%	46.6	46.8	0.2	0.5%
34.6%	46.6	46.8	0.2	0.5%
35.8%	46.6	46.7	0.2	0.4%
37.0%	46.5	46.7	0.2	0.3%
38.3%	46.5	46.7	0.2	0.4%
39.5%	46.4	46.6	0.2	0.4%
40.7%	46.4	46.6	0.1	0.2%
42.0%	46.4	46.5	0.1	0.2%
43.2%	46.4	46.5	0.1	0.2%
44.4%	46.4	46.5	0.1	0.2%
45.7%	46.3	46.5	0.2	0.4%
46.9%	46.2	46.4	0.2	0.5%
48.1%	46.1	46.3	0.2	0.4%
49.4%	46.1	46.3	0.2	0.4%
50.6%	46.1	46.3	0.2	0.4%
51.9%	46.0	46.2	0.2	0.4%
53.1%	46.0	46.2	0.2	0.4%
54.3%	46.0	46.2	0.2	0.5%
55.6%	46.0	46.2	0.3	0.5%
56.8%	45.9	46.1	0.2	0.4%
58.0%	45.9	46.1	0.2	0.4%
59.3%	45.9	46.1	0.2	0.5%
60.5%	45.8	46.1	0.3	0.6%
61.7%	45.8	46.1	0.3	0.6%
63.0%	45.8	46.0	0.3	0.6%
64.2%	45.7	45.9	0.2	0.4%
65.4%	45.6	45.9	0.3	0.6%
66.7%	45.6	45.8	0.2	0.5%
67.9%	45.5	45.8	0.3	0.7%
69.1%	45.5	45.7	0.3	0.6%
70.4%	45.4	45.7	0.3	0.7%
71.6%	45.3	45.7	0.4	0.8%
72.8%	45.3	45.7	0.4	0.8%
74.1%	45.1	45.5	0.4	0.9%
75.3%	45.1	45.5	0.4	0.8%
76.5%	45.1	45.4	0.3	0.7%
77.8%	45.1	45.4	0.3	0.6%
79.0%	45.0	45.3	0.3	0.7%
80.2%	44.7	45.3	0.5	1.2%
81.5%	44.7	45.2	0.5	1.2%
82.7%	44.7	45.1	0.4	0.9%
84.0%	44.7	45.0	0.4	0.8%
85.2%	44.6	44.8	0.1	0.3%
86.4%	44.5	44.8	0.2	0.5%
87.7%	44.5	44.7	0.2	0.5%
88.9%	44.5	44.7	0.2	0.4%
90.1%	44.5	44.7	0.2	0.4%
91.4%	44.4	44.6	0.2	0.4%
92.6%	44.4	44.6	0.1	0.3%
93.8%	44.3	44.5	0.2	0.6%
95.1%	44.2	44.4	0.2	0.5%
96.3%	43.8	44.3	0.5	1.1%
97.5%	43.6	44.2	0.6	1.4%
98.8%	43.6	43.6	0.0	0.0%
100.0%	42.1	42.4	0.2	0.5%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.4	47.7	0.3	0.7%
1.2%	46.6	46.8	0.1	0.3%
2.5%	46.3	46.6	0.3	0.6%
3.7%	46.1	46.3	0.3	0.6%
4.9%	45.9	46.3	0.4	0.9%
6.2%	45.8	46.2	0.3	0.7%
7.4%	45.8	46.1	0.3	0.6%
8.6%	45.8	46.0	0.2	0.4%
9.9%	45.7	46.0	0.3	0.6%
11.1%	45.7	45.9	0.2	0.5%
12.3%	45.6	45.8	0.2	0.4%
13.6%	45.6	45.7	0.2	0.3%
14.8%	45.6	45.7	0.1	0.2%
16.0%	45.5	45.6	0.1	0.2%
17.3%	45.4	45.5	0.1	0.3%
18.5%	45.4	45.5	0.1	0.3%
19.8%	45.3	45.5	0.2	0.5%
21.0%	45.3	45.5	0.2	0.5%
22.2%	45.2	45.4	0.2	0.5%
23.5%	45.2	45.4	0.2	0.5%
24.7%	45.2	45.4	0.2	0.5%
25.9%	45.2	45.4	0.2	0.5%
27.2%	45.2	45.4	0.2	0.5%
28.4%	45.1	45.3	0.2	0.5%
29.6%	45.1	45.3	0.2	0.4%
30.9%	45.1	45.3	0.2	0.4%
32.1%	45.1	45.3	0.2	0.4%
33.3%	45.1	45.2	0.2	0.4%
34.6%	45.0	45.1	0.1	0.2%
35.8%	45.0	45.1	0.1	0.2%
37.0%	45.0	45.1	0.1	0.2%
38.3%	44.9	45.1	0.1	0.3%
39.5%	44.9	45.0	0.1	0.3%
40.7%	44.7	45.0	0.3	0.7%
42.0%	44.7	45.0	0.3	0.6%
43.2%	44.6	45.0	0.3	0.7%
44.4%	44.6	44.9	0.3	0.8%
45.7%	44.5	44.9	0.4	0.9%
46.9%	44.5	44.8	0.3	0.7%
48.1%	44.5	44.8	0.3	0.8%
49.4%	44.5	44.8	0.3	0.8%
50.6%	44.5	44.7	0.2	0.5%
51.9%	44.5	44.6	0.2	0.4%
53.1%	44.4	44.6	0.2	0.4%
54.3%	44.4	44.6	0.2	0.5%
55.6%	44.4	44.6	0.2	0.5%
56.8%	44.3	44.6	0.2	0.6%
58.0%	44.3	44.6	0.3	0.7%
59.3%	44.2	44.5	0.3	0.6%
60.5%	44.2	44.5	0.3	0.6%
61.7%	44.2	44.5	0.3	0.6%
63.0%	44.2	44.5	0.3	0.7%
64.2%	44.2	44.4	0.3	0.6%
65.4%	44.1	44.4	0.3	0.6%
66.7%	44.1	44.4	0.2	0.5%
67.9%	44.1	44.3	0.2	0.5%
69.1%	44.1	44.2	0.1	0.3%
70.4%	44.0	44.2	0.2	0.4%
71.6%	44.0	44.2	0.2	0.5%
72.8%	44.0	44.2	0.2	0.5%
74.1%	43.8	44.1	0.4	0.9%
75.3%	43.8	44.1	0.4	0.8%
76.5%	43.7	44.0	0.2	0.5%
77.8%	43.7	43.8	0.1	0.2%
79.0%	43.7	43.8	0.0	0.1%
80.2%	43.5	43.6	0.1	0.2%
81.5%	43.5	43.5	0.0	0.1%
82.7%	43.4	43.5	0.1	0.2%
84.0%	43.4	43.5	0.1	0.2%
85.2%	43.4	43.5	0.1	0.3%
86.4%	43.3	43.5	0.1	0.3%
87.7%	43.2	43.4	0.2	0.4%
88.9%	43.2	43.4	0.2	0.6%
90.1%	43.2	43.4	0.2	0.6%
91.4%	43.1	43.4	0.3	0.6%
92.6%	43.1	43.4	0.2	0.6%
93.8%	43.1	43.2	0.2	0.4%
95.1%	43.0	43.1	0.2	0.3%
96.3%	42.7	42.7	0.0	0.1%
97.5%	42.6	42.7	0.1	0.2%
98.8%	42.6	42.6	0.0	0.0%
100.0%	41.9	42.5	0.6	1.5%

Table SQ-07-3b

Sacramento River below Red Bluff, Monthly Temperature

Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	48.7	48.7	0.0	0.0%
1.2%	48.6	48.7	0.1	0.1%
2.5%	48.3	48.3	0.1	0.1%
3.7%	48.2	48.2	0.0	-0.1%
4.9%	48.2	48.2	0.0	0.0%
6.2%	48.1	48.1	0.0	0.1%
7.4%	48.0	48.1	0.0	0.0%
8.6%	47.9	47.8	-0.1	-0.2%
9.9%	47.8	47.7	-0.1	-0.2%
11.1%	47.7	47.7	0.0	0.0%
12.3%	47.5	47.7	0.2	0.3%
13.6%	47.5	47.6	0.1	0.2%
14.8%	47.4	47.5	0.2	0.4%
16.0%	47.3	47.4	0.0	0.0%
17.3%	47.3	47.3	0.1	0.1%
18.5%	47.3	47.3	0.0	0.1%
19.8%	47.3	47.3	0.0	0.1%
21.0%	47.3	47.3	0.0	0.0%
22.2%	47.1	47.1	0.0	0.1%
23.5%	47.0	47.1	0.1	0.2%
24.7%	46.9	46.9	0.0	0.1%
25.9%	46.9	46.9	0.0	0.1%
27.2%	46.9	46.8	0.0	-0.1%
28.4%	46.8	46.8	0.0	0.0%
29.6%	46.8	46.8	0.0	0.0%
30.9%	46.8	46.8	0.0	0.0%
32.1%	46.8	46.8	0.0	0.0%
33.3%	46.8	46.8	0.0	-0.1%
34.6%	46.7	46.7	-0.1	-0.2%
35.8%	46.7	46.6	0.0	-0.1%
37.0%	46.6	46.6	0.0	0.0%
38.3%	46.6	46.6	0.0	0.0%
39.5%	46.6	46.6	0.0	0.0%
40.7%	46.5	46.5	0.0	0.0%
42.0%	46.5	46.5	0.0	0.1%
43.2%	46.5	46.5	0.0	0.0%
44.4%	46.4	46.5	0.0	0.0%
45.7%	46.4	46.4	0.0	-0.1%
46.9%	46.4	46.4	0.0	0.0%
48.1%	46.4	46.4	0.0	0.0%
49.4%	46.2	46.3	0.1	0.1%
50.6%	46.2	46.2	0.0	0.0%
51.9%	46.2	46.2	0.0	0.0%
53.1%	46.1	46.2	0.1	0.1%
54.3%	46.1	46.2	0.0	0.1%
55.6%	46.1	46.1	0.1	0.2%
56.8%	46.0	46.1	0.0	0.1%
58.0%	46.0	46.1	0.0	0.1%
59.3%	46.0	46.1	0.0	0.1%
60.5%	46.0	46.0	0.1	0.1%
61.7%	46.0	46.0	0.1	0.1%
63.0%	45.9	46.0	0.1	0.1%
64.2%	45.8	46.0	0.1	0.3%
65.4%	45.8	45.8	0.0	0.0%
66.7%	45.8	45.8	0.0	0.0%
67.9%	45.8	45.8	-0.1	-0.2%
69.1%	45.8	45.7	0.0	-0.1%
70.4%	45.7	45.7	0.0	0.0%
71.6%	45.6	45.6	0.0	0.1%
72.8%	45.5	45.5	0.0	0.0%
74.1%	45.4	45.5	0.0	0.1%
75.3%	45.4	45.5	0.0	0.1%
76.5%	45.4	45.4	0.0	-0.1%
77.8%	45.4	45.3	0.0	-0.1%
79.0%	45.3	45.3	0.0	0.0%
80.2%	45.2	45.2	0.0	0.0%
81.5%	45.2	45.2	0.0	0.0%
82.7%	45.0	45.1	0.1	0.2%
84.0%	45.0	45.0	0.0	0.0%
85.2%	44.9	45.0	0.1	0.3%
86.4%	44.8	44.9	0.0	0.1%
87.7%	44.8	44.8	0.0	0.0%
88.9%	44.7	44.8	0.1	0.2%
90.1%	44.7	44.7	0.0	-0.1%
91.4%	44.6	44.6	0.1	0.2%
92.6%	44.6	44.6	0.0	0.0%
93.8%	44.5	44.5	0.0	0.1%
95.1%	44.4	44.4	0.0	0.0%
96.3%	44.4	44.4	0.0	0.1%
97.5%	44.2	44.2	0.1	0.1%
98.8%	44.1	44.1	0.0	0.1%
100.0%	43.6	43.6	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.7	53.7	0.0	0.0%
1.2%	53.4	53.3	0.0	-0.1%
2.5%	52.8	52.8	0.1	0.1%
3.7%	52.7	52.7	-0.1	-0.1%
4.9%	52.2	52.3	0.2	0.3%
6.2%	52.0	52.0	0.0	0.0%
7.4%	52.0	52.0	0.0	0.1%
8.6%	51.9	51.9	0.0	0.0%
9.9%	51.7	51.7	0.0	0.0%
11.1%	51.6	51.7	0.0	0.1%
12.3%	51.6	51.6	0.1	0.1%
13.6%	51.5	51.6	0.0	0.0%
14.8%	51.5	51.5	0.1	0.2%
16.0%	51.3	51.4	0.0	0.1%
17.3%	51.0	51.1	0.0	0.1%
18.5%	51.0	51.0	0.0	-0.1%
19.8%	51.0	51.0	0.0	0.0%
21.0%	50.9	50.9	0.0	0.1%
22.2%	50.8	50.8	0.0	0.0%
23.5%	50.8	50.8	0.0	0.0%
24.7%	50.7	50.8	0.1	0.2%
25.9%	50.6	50.8	0.1	0.2%
27.2%	50.6	50.7	0.1	0.2%
28.4%	50.6	50.7	0.1	0.1%
29.6%	50.6	50.7	0.0	0.1%
30.9%	50.6	50.6	0.0	0.1%
32.1%	50.4	50.5	0.1	0.3%
33.3%	50.3	50.3	0.1	0.1%
34.6%	50.3	50.3	0.0	0.1%
35.8%	50.2	50.3	0.1	0.2%
37.0%	50.2	50.3	0.1	0.3%
38.3%	50.1	50.2	0.1	0.2%
39.5%	50.1	50.2	0.0	0.1%
40.7%	50.1	50.1	0.0	0.0%
42.0%	50.0	50.1	0.1	0.2%
43.2%	50.0	50.1	0.1	0.2%
44.4%	49.9	50.1	0.2	0.3%
45.7%	49.8	50.0	0.2	0.3%
46.9%	49.8	49.9	0.1	0.2%
48.1%	49.8	49.9	0.1	0.2%
49.4%	49.7	49.8	0.1	0.1%
50.6%	49.7	49.7	0.0	0.0%
51.9%	49.6	49.6	0.0	0.0%
53.1%	49.6	49.6	0.0	0.0%
54.3%	49.5	49.5	0.0	0.0%
55.6%	49.5	49.4	0.0	-0.1%
56.8%	49.4	49.3	-0.1	-0.2%
58.0%	49.4	49.3	0.0	-0.1%
59.3%	49.3	49.3	0.0	-0.1%
60.5%	49.3	49.3	0.0	0.1%
61.7%	49.1	49.2	0.1	0.1%
63.0%	49.1	49.2	0.0	0.0%
64.2%	49.1	49.1	0.1	0.1%
65.4%	49.0	49.1	0.0	0.1%
66.7%	49.0	49.0	0.0	0.0%
67.9%	49.0	49.0	0.0	0.0%
69.1%	49.0	49.0	0.0	0.0%
70.4%	48.9	48.9	0.0	0.0%
71.6%	48.8	48.8	-0.1	-0.2%
72.8%	48.6	48.6	0.0	0.1%
74.1%	48.6	48.6	0.0	0.0%
75.3%	48.5	48.6	0.1	0.1%
76.5%	48.4	48.6	0.2	0.4%
77.8%	48.3	48.4	0.0	0.0%
79.0%	48.3	48.3	0.1	0.1%
80.2%	48.1	48.2	0.1	0.3%
81.5%	48.1	48.1	0.1	0.2%
82.7%	48.0	48.0	0.0	0.0%
84.0%	48.0	48.0	0.0	0.0%
85.2%	47.9	47.9	0.0	-0.1%
86.4%	47.8	47.9	0.0	0.0%
87.7%	47.8	47.8	0.0	0.0%
88.9%	47.7	47.8	0.0	0.1%
90.1%	47.7	47.7	0.0	0.0%
91.4%	47.6	47.7	0.1	0.2%
92.6%	47.6	47.6	0.1	0.2%
93.8%	47.4	47.4	0.0	0.0%
95.1%	47.2	47.2	0.0	0.0%
96.3%	47.1	47.1	0.0	0.0%
97.5%	46.9	47.0	0.0	0.0%
98.8%	46.7	46.8	0.1	0.2%
100.0%	46.5	46.5	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	57.3	57.9	0.6	1.1%
1.2%	56.6	57.8	1.2	2.1%
2.5%	56.2	56.5	0.4	0.6%
3.7%	56.0	56.4	0.4	0.7%
4.9%	55.9	56.3	0.4	0.7%
6.2%	55.7	56.2	0.5	0.9%
7.4%	55.6	56.1	0.5	0.9%
8.6%	55.5	56.0	0.5	0.9%
9.9%	55.3	55.8	0.5	0.9%
11.1%	55.3	55.7	0.5	0.9%
12.3%	55.2	55.6	0.4	0.7%
13.6%	55.1	55.6	0.6	1.0%
14.8%	55.1	55.6	0.5	1.0%
16.0%	55.0	55.5	0.5	0.9%
17.3%	54.7	55.4	0.7	1.3%
18.5%	54.7	55.3	0.6	1.1%
19.8%	54.6	55.2	0.6	1.1%
21.0%	54.6	55.2	0.6	1.1%
22.2%	54.6	55.0	0.4	0.8%
23.5%	54.5	55.0	0.4	0.8%
24.7%	54.5	54.9	0.4	0.7%
25.9%	54.5	54.9	0.3	0.6%
27.2%	54.5	54.8	0.3	0.6%
28.4%	54.4	54.8	0.3	0.6%
29.6%	54.4	54.7	0.3	0.6%
30.9%	54.4	54.7	0.3	0.5%
32.1%	54.2	54.6	0.4	0.7%
33.3%	54.2	54.6	0.4	0.7%
34.6%	54.1	54.6	0.5	0.9%
35.8%	54.1	54.6	0.5	0.9%
37.0%	54.1	54.6	0.5	0.9%
38.3%	54.0	54.5	0.5	1.0%
39.5%	53.9	54.5	0.6	1.0%
40.7%	53.9	54.5	0.6	1.2%
42.0%	53.9	54.4	0.6	1.1%
43.2%	53.8	54.3	0.5	1.0%
44.4%	53.7	54.3	0.6	1.1%
45.7%	53.7	54.2	0.5	0.8%
46.9%	53.7	54.1	0.5	0.9%
48.1%	53.6	54.1	0.5	0.9%
49.4%	53.6	54.0	0.5	0.9%
50.6%	53.5	54.0	0.5	0.9%
51.9%	53.5	54.0	0.4	0.8%
53.1%	53.5	53.9	0.4	0.8%
54.3%	53.4	53.9	0.5	0.9%
55.6%	53.4	53.9	0.5	1.0%
56.8%	53.3	53.8	0.5	1.0%
58.0%	53.2	53.7	0.5	1.0%
59.3%	53.1	53.7	0.6	1.1%
60.5%	53.1	53.7	0.6	1.1%
61.7%	53.0	53.7	0.7	1.2%
63.0%	53.0	53.6	0.7	1.3%
64.2%	52.9	53.5	0.6	1.1%
65.4%	52.9	53.4	0.6	1.1%
66.7%	52.8	53.4	0.6	1.1%
67.9%	52.8	53.4	0.6	1.1%
69.1%	52.8	53.4	0.6	1.1%
70.4%	52.8	53.1	0.3	0.6%
71.6%	52.7	52.9	0.3	0.5%
72.8%	52.5	52.9	0.4	0.7%
74.1%	52.3	52.8	0.5	1.0%
75.3%	52.3	52.8	0.6	1.1%
76.5%	52.2	52.7	0.5	1.0%
77.8%	52.2	52.7	0.5	1.0%
79.0%	52.2	52.6	0.5	0.9%
80.2%	51.9	52.5	0.6	1.2%
81.5%	51.8	52.4	0.6	1.2%
82.7%	51.7	52.2	0.4	0.8%
84.0%	51.6	52.1	0.5	0.9%
85.2%	51.5	51.9	0.5	0.9%
86.4%	51.3	51.8	0.5	0.9%
87.7%	51.3	51.8	0.5	1.0%
88.9%	51.2	51.7	0.5	0.9%
90.1%	51.1	51.5	0.4	0.7%
91.4%	51.0	51.4	0.3	0.7%
92.6%	51.0	51.4	0.4	0.7%
93.8%	50.9	51.2	0.3	0.5%
95.1%	50.9	51.0	0.1	0.1%
96.3%	50.8	50.9	0.1	0.2%
97.5%	50.4	50.4	-0.1	-0.1%
98.8%	49.9	49.8	-0.1	-0.2%
100.0%	48.5	48.5	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.1	59.7	-0.5	-0.8%
1.2%	60.1	59.5	-0.6	-0.9%
2.5%	59.7	59.3	-0.3	-0.5%
3.7%	59.6	59.3	-0.3	-0.5%
4.9%	59.4	59.0	-0.4	-0.6%
6.2%	59.2	58.8	-0.4	-0.7%
7.4%	58.8	58.4	-0.3	-0.6%
8.6%	58.7	58.3	-0.4	-0.7%
9.9%	58.4	58.2	-0.2	-0.4%
11.1%	58.4	58.1	-0.3	-0.5%
12.3%	58.3	58.1	-0.2	-0.3%
13.6%	58.1	58.0	-0.1	-0.2%
14.8%	58.1	58.0	-0.1	-0.2%
16.0%	57.9	57.9	0.0	0.0%
17.3%	57.8	57.9	0.1	0.1%
18.5%	57.8	57.8	0.0	0.1%
19.8%	57.8	57.8	0.1	0.1%
21.0%	57.7	57.6	-0.1	-0.1%
22.2%	57.7	57.5	-0.2	-0.3%
23.5%	57.7	57.5	-0.2	-0.4%
24.7%	57.6	57.3	-0.4	-0.6%
25.9%	57.6	57.3	-0.3	-0.6%
27.2%	57.5	57.3	-0.3	-0.5%
28.4%	57.5	57.1	-0.4	-0.7%
29.6%	57.5	57.1	-0.4	-0.6%
30.9%	57.3	57.1	-0.2	-0.3%
32.1%	57.2	57.1	-0.1	-0.1%
33.3%	57.1	57.1	-0.1	-0.1%
34.6%	57.1	57.0	-0.1	-0.2%
35.8%	56.9	57.0	0.1	0.2%
37.0%	56.9	57.0	0.1	0.2%
38.3%	56.9	57.0	0.1	0.2%
39.5%	56.8	57.0	0.1	0.3%
40.7%	56.8	56.9	0.1	0.2%
42.0%	56.7	56.9	0.1	0.2%
43.2%	56.7	56.8	0.1	0.2%
44.4%	56.7	56.8	0.1	0.1%
45.7%	56.6	56.7	0.1	0.2%
46.9%	56.5	56.7	0.2	0.3%
48.1%	56.4	56.6	0.2	0.3%
49.4%	56.4	56.6	0.2	0.3%
50.6%	56.3	56.5	0.2	0.4%
51.9%	56.3	56.5	0.2	0.4%
53.1%	56.2	56.4	0.2	0.4%
54.3%	56.2	56.4	0.2	0.4%
55.6%	56.2	56.4	0.2	0.3%
56.8%	56.1	56.2	0.1	0.2%
58.0%	56.0	56.2	0.2	0.3%
59.3%	56.0	56.1	0.1	0.3%
60.5%	56.0	56.1	0.1	0.2%
61.7%	55.9	56.1	0.1	0.2%
63.0%	55.9	56.1	0.1	0.2%
64.2%	55.9	56.0	0.2	0.3%
65.4%	55.9	56.0	0.2	0.3%
66.7%	55.9	56.0	0.2	0.3%
67.9%	55.6	56.0	0.4	0.7%
69.1%	55.6	56.0	0.4	0.8%
70.4%	55.6	55.9	0.4	0.7%
71.6%	55.5	55.9	0.4	0.8%
72.8%	55.4	55.9	0.5	0.9%
74.1%	55.2	55.9	0.7	1.3%
75.3%	55.1	55.8	0.6	1.1%
76.5%	55.0	55.7	0.6	1.1%
77.8%	55.0	55.6	0.5	0.9%
79.0%	55.0	55.5	0.5	0.9%
80.2%	55.0	55.5	0.5	0.8%
81.5%	55.0	55.5	0.5	0.9%
82.7%	55.0	55.3	0.3	0.6%
84.0%	54.9	55.2	0.3	0.6%
85.2%	54.9	55.2	0.3	0.5%
86.4%	54.8	55.1	0.3	0.5%
87.7%	54.8	55.1	0.3	0.5%
88.9%	54.8	54.8	0.0	0.0%
90.1%	54.7	54.7	0.0	0.0%
91.4%	54.5	54.5	0.0	0.0%
92.6%	54.4	54.2	-0.2	-0.4%
93.8%	54.2	54.2	0.0	0.0%
95.1%	53.8	54.2	0.3	0.6%
96.3%	53.8	53.8	0.0	-0.1%
97.5%	53.8	53.7	-0.1	-0.2%
98.8%	53.7	53.6	0.0	0.0%
100.0%	52.6	52.5	-0.1	-0.1%

Table SQ-07-3b

Sacramento River below Red Bluff, Monthly Temperature

Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	61.1	60.3	-0.7	-1.2%
1.2%	61.0	60.2	-0.8	-1.4%
2.5%	59.9	59.7	-0.3	-0.5%
3.7%	59.5	59.7	0.2	0.3%
4.9%	59.4	59.4	0.0	0.0%
6.2%	59.1	59.2	0.0	0.0%
7.4%	59.0	59.1	0.1	0.2%
8.6%	58.9	58.8	-0.1	-0.2%
9.9%	58.8	58.7	-0.1	-0.1%
11.1%	58.6	58.7	0.2	0.3%
12.3%	58.5	58.7	0.2	0.4%
13.6%	58.3	58.6	0.3	0.5%
14.8%	58.2	58.2	0.0	0.0%
16.0%	58.2	58.0	-0.1	-0.2%
17.3%	58.0	58.0	0.0	0.0%
18.5%	57.9	57.9	0.0	0.0%
19.8%	57.9	57.9	0.0	0.0%
21.0%	57.9	57.7	-0.2	-0.3%
22.2%	57.7	57.6	-0.1	-0.1%
23.5%	57.7	57.6	-0.1	-0.2%
24.7%	57.6	57.6	0.0	0.0%
25.9%	57.5	57.4	-0.1	-0.1%
27.2%	57.5	57.4	-0.1	-0.1%
28.4%	57.5	57.4	-0.1	-0.2%
29.6%	57.5	57.4	-0.1	-0.2%
30.9%	57.5	57.4	-0.1	-0.3%
32.1%	57.5	57.3	-0.1	-0.2%
33.3%	57.4	57.3	-0.1	-0.1%
34.6%	57.3	57.3	0.0	0.0%
35.8%	57.3	57.3	0.0	-0.1%
37.0%	57.3	57.2	0.0	0.0%
38.3%	57.3	57.2	-0.1	-0.1%
39.5%	57.2	57.2	0.0	-0.1%
40.7%	57.2	57.1	0.0	0.0%
42.0%	57.1	57.1	0.0	0.0%
43.2%	57.0	57.1	0.1	0.1%
44.4%	57.0	57.1	0.1	0.1%
45.7%	57.0	57.1	0.1	0.1%
46.9%	57.0	57.0	0.0	0.1%
48.1%	56.9	57.0	0.1	0.1%
49.4%	56.9	56.9	0.0	0.1%
50.6%	56.9	56.9	0.0	0.1%
51.9%	56.9	56.9	0.0	0.1%
53.1%	56.8	56.9	0.0	0.0%
54.3%	56.8	56.9	0.1	0.1%
55.6%	56.8	56.8	0.1	0.1%
56.8%	56.6	56.8	0.2	0.3%
58.0%	56.6	56.8	0.2	0.3%
59.3%	56.6	56.8	0.2	0.4%
60.5%	56.6	56.8	0.2	0.3%
61.7%	56.6	56.7	0.1	0.2%
63.0%	56.6	56.7	0.1	0.2%
64.2%	56.5	56.6	0.1	0.2%
65.4%	56.5	56.6	0.1	0.2%
66.7%	56.5	56.6	0.1	0.1%
67.9%	56.4	56.6	0.1	0.2%
69.1%	56.4	56.5	0.1	0.2%
70.4%	56.3	56.5	0.1	0.2%
71.6%	56.3	56.4	0.1	0.2%
72.8%	56.2	56.4	0.2	0.4%
74.1%	56.2	56.4	0.2	0.4%
75.3%	56.2	56.4	0.2	0.3%
76.5%	56.1	56.3	0.2	0.3%
77.8%	56.1	56.3	0.2	0.3%
79.0%	56.1	56.2	0.1	0.1%
80.2%	56.1	56.2	0.1	0.1%
81.5%	56.1	56.1	0.1	0.1%
82.7%	56.1	56.1	0.1	0.1%
84.0%	56.1	56.1	0.1	0.1%
85.2%	56.0	56.1	0.0	0.1%
86.4%	56.0	56.1	0.0	0.0%
87.7%	56.0	56.0	0.0	0.0%
88.9%	56.0	56.0	0.0	0.0%
90.1%	55.9	56.0	0.1	0.2%
91.4%	55.8	55.9	0.2	0.3%
92.6%	55.6	55.8	0.2	0.3%
93.8%	55.6	55.8	0.2	0.3%
95.1%	55.3	55.7	0.4	0.7%
96.3%	55.0	55.3	0.3	0.5%
97.5%	55.0	55.2	0.3	0.5%
98.8%	54.9	55.0	0.1	0.2%
100.0%	54.8	54.8	0.0	0.0%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	63.6	62.4	-1.1	-1.8%
1.2%	62.4	62.1	-0.3	-0.5%
2.5%	61.8	61.8	0.0	0.1%
3.7%	61.4	61.4	0.1	0.1%
4.9%	61.3	61.3	0.0	-0.1%
6.2%	61.2	60.7	-0.4	-0.7%
7.4%	61.0	60.6	-0.3	-0.6%
8.6%	60.9	60.5	-0.3	-0.6%
9.9%	60.2	60.3	0.1	0.1%
11.1%	60.1	59.8	-0.3	-0.6%
12.3%	60.0	59.6	-0.5	-0.8%
13.6%	59.7	59.5	-0.3	-0.5%
14.8%	59.6	59.4	-0.2	-0.3%
16.0%	59.4	59.3	-0.1	-0.2%
17.3%	59.4	59.2	-0.2	-0.3%
18.5%	59.2	59.1	-0.2	-0.3%
19.8%	59.0	59.0	0.0	0.0%
21.0%	59.0	58.9	0.0	-0.1%
22.2%	58.9	58.9	0.0	0.0%
23.5%	58.9	58.8	-0.1	-0.1%
24.7%	58.7	58.8	0.1	0.2%
25.9%	58.6	58.8	0.2	0.3%
27.2%	58.5	58.7	0.2	0.3%
28.4%	58.5	58.6	0.1	0.2%
29.6%	58.5	58.6	0.0	0.1%
30.9%	58.5	58.5	0.0	0.0%
32.1%	58.5	58.5	0.0	-0.1%
33.3%	58.4	58.3	-0.2	-0.3%
34.6%	58.3	58.3	0.0	-0.1%
35.8%	58.2	58.2	0.0	0.0%
37.0%	58.1	58.2	0.0	0.1%
38.3%	58.1	58.2	0.0	0.1%
39.5%	58.1	58.1	0.0	0.0%
40.7%	58.0	58.1	0.1	0.1%
42.0%	58.0	58.0	0.1	0.1%
43.2%	58.0	57.9	0.0	0.0%
44.4%	57.9	57.9	0.0	0.0%
45.7%	57.9	57.9	0.0	0.0%
46.9%	57.7	57.8	0.2	0.3%
48.1%	57.7	57.8	0.1	0.2%
49.4%	57.5	57.8	0.3	0.5%
50.6%	57.5	57.8	0.3	0.5%
51.9%	57.4	57.7	0.3	0.5%
53.1%	57.4	57.7	0.3	0.5%
54.3%	57.2	57.5	0.3	0.5%
55.6%	57.2	57.5	0.3	0.6%
56.8%	57.2	57.3	0.1	0.2%
58.0%	57.1	57.3	0.2	0.3%
59.3%	57.1	57.2	0.2	0.3%
60.5%	57.1	57.2	0.2	0.3%
61.7%	57.0	57.2	0.2	0.3%
63.0%	57.0	57.2	0.1	0.2%
64.2%	57.0	57.1	0.1	0.1%
65.4%	57.0	57.1	0.1	0.2%
66.7%	56.9	57.1	0.1	0.2%
67.9%	56.9	57.1	0.2	0.3%
69.1%	56.8	57.0	0.2	0.4%
70.4%	56.8	57.0	0.2	0.4%
71.6%	56.8	57.0	0.2	0.4%
72.8%	56.8	57.0	0.2	0.4%
74.1%	56.7	56.9	0.2	0.3%
75.3%	56.7	56.9	0.2	0.3%
76.5%	56.7	56.9	0.2	0.4%
77.8%	56.7	56.9	0.2	0.3%
79.0%	56.7	56.9	0.2	0.3%
80.2%	56.7	56.9	0.2	0.3%
81.5%	56.6	56.8	0.1	0.2%
82.7%	56.6	56.7	0.1	0.3%
84.0%	56.6	56.7	0.2	0.3%
85.2%	56.5	56.5	0.1	0.1%
86.4%	56.4	56.4	0.0	0.0%
87.7%	56.4	56.3	-0.1	-0.2%
88.9%	56.3	56.2	-0.1	-0.1%
90.1%	56.3	56.2	-0.1	-0.1%
91.4%	56.1	56.1	0.1	0.1%
92.6%	56.1	56.1	0.0	0.1%
93.8%	55.9	56.1	0.2	0.4%
95.1%	55.8	55.9	0.0	0.1%
96.3%	55.8	55.8	0.0	0.0%
97.5%	55.8	55.6	-0.2	-0.3%
98.8%	55.7	55.6	-0.1	-0.2%
100.0%	55.6	55.4	-0.2	-0.3%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.6	66.6	-1.1	-1.6%
1.2%	67.3	65.2	-2.1	-3.1%
2.5%	66.3	64.5	-1.8	-2.7%
3.7%	65.0	62.3	-2.7	-4.1%
4.9%	62.6	60.8	-1.9	-3.0%
6.2%	62.4	60.3	-2.1	-3.4%
7.4%	61.9	60.2	-1.7	-2.7%
8.6%	61.0	60.1	-0.9	-1.4%
9.9%	60.7	60.1	-0.6	-1.0%
11.1%	60.5	60.1	-0.4	-0.7%
12.3%	60.4	59.9	-0.5	-0.8%
13.6%	60.3	59.9	-0.4	-0.7%
14.8%	60.1	59.8	-0.2	-0.4%
16.0%	60.0	59.6	-0.4	-0.7%
17.3%	59.8	59.6	-0.2	-0.3%
18.5%	59.7	59.4	-0.2	-0.4%
19.8%	59.6	59.2	-0.4	-0.7%
21.0%	59.5	59.1	-0.5	-0.8%
22.2%	59.3	59.0	-0.3	-0.5%
23.5%	59.3	59.0	-0.3	-0.5%
24.7%	59.2	58.9	-0.3	-0.5%
25.9%	59.2	58.9	-0.3	-0.6%
27.2%	59.1	58.8	-0.3	-0.5%
28.4%	59.1	58.8	-0.3	-0.5%
29.6%	58.9	58.8	-0.1	-0.1%
30.9%	58.8	58.8	-0.1	-0.1%
32.1%	58.8	58.7	-0.1	-0.2%
33.3%	58.8	58.7	-0.1	-0.2%
34.6%	58.7	58.7	0.0	0.0%
35.8%	58.7	58.6	0.0	0.0%
37.0%	58.6	58.6	0.0	0.0%
38.3%	58.6	58.6	0.0	0.0%
39.5%	58.6	58.6	0.0	0.0%
40.7%	58.6	58.6	0.0	0.0%
42.0%	58.4	58.5	0.1	0.2%
43.2%	58.4	58.5	0.1	0.2%
44.4%	58.3	58.5	0.1	0.2%
45.7%	58.3	58.5	0.1	0.2%
46.9%	58.3	58.4	0.1	0.2%
48.1%	58.3	58.3	0.0	0.0%
49.4%	58.3	58.3	0.0	0.0%
50.6%	58.3	58.3	0.0	0.1%
51.9%	58.3	58.2	-0.1	-0.1%
53.1%	58.2	58.2	-0.1	-0.1%
54.3%	58.2	58.2	0.0	0.0%
55.6%	58.1	58.2	0.0	0.0%
56.8%	58.1	58.1	0.1	0.1%
58.0%	58.1	58.1	0.1	0.1%
59.3%	58.0	58.1	0.1	0.2%
60.5%	58.0	58.1	0.1	0.2%
61.7%	58.0	58.1	0.1	0.2%
63.0%	57.9	58.0	0.1	0.1%
64.2%	57.9	58.0	0.0	0.1%
65.4%	57.9	58.0	0.0	0.1%
66.7%	57.9	57.9	0.0	0.0%
67.9%	57.9	57.9	0.0	0.0%
69.1%	57.9	57.9	0.0	0.0%
70.4%	57.8	57.8	0.0	0.0%
71.6%	57.8	57.8	-0.1	-0.1%
72.8%	57.7	57.8	0.0	0.1%
74.1%	57.7	57.8	0.0	0.0%
75.3%	57.7	57.7	0.0	0.0%
76.5%	57.7	57.6	0.0	0.0%
77.8%	57.6	57.6	0.0	0.0%
79.0%	57.5	57.6	0.1	0.1%
80.2%	57.5	57.5	0.0	0.0%
81.5%	57.4	57.4	0.0	0.0%
82.7%	57.4	57.4	0.1	0.1%
84.0%	57.4	57.4	0.1	0.1%
85.2%	57.3	57.4	0.1	0.2%
86.4%	57.3	57.4	0.1	0.2%
87.7%	57.3	57.3	0.1	0.2%
88.9%	57.3	57.3	0.0	0.0%
90.1%	57.0	57.2	0.2	0.4%
91.4%	56.9	57.1	0.2	0.4%
92.6%	56.8	57.0	0.1	0.2%
93.8%	56.6	56.9	0.3	0.5%
95.1%	56.6	56.9	0.3	0.5%
96.3%	56.3	56.5	0.2	0.4%
97.5%	56.3	56.3	0.1	0.1%
98.8%	56.0	56.3	0.3	0.5%
100.0%	55.9	56.3	0.4	0.7%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.0	66.2	-0.9	-1.3%
1.2%	65.6	64.5	-1.2	-1.8%
2.5%	65.6	64.2	-1.3	-2.0%
3.7%	65.2	64.2	-1.0	-1.5%
4.9%	64.9	63.7	-1.2	-1.9%
6.2%	64.9	63.4	-1.4	-2.2%
7.4%	64.4	62.9	-1.6	-2.4%
8.6%	63.8	62.3	-1.5	-2.4%
9.9%	62.4	61.8	-0.6	-1.0%
11.1%	61.6	61.5	-0.1	-0.2%
12.3%	61.6	61.5	-0.1	-0.1%
13.6%	61.5	61.2	-0.3	-0.4%
14.8%	61.4	60.6	-0.7	-1.2%
16.0%	61.2	60.5	-0.7	-1.1%
17.3%	60.8	60.4	-0.4	-0.7%
18.5%	60.7	60.3	-0.4	-0.6%
19.8%	60.6	60.2	-0.4	-0.6%
21.0%	60.6	59.9	-0.7	-1.1%
22.2%	60.2	59.7	-0.5	-0.9%
23.5%	60.2	59.7	-0.5	-0.9%
24.7%	60.0	59.7	-0.3	-0.5%
25.9%	60.0	59.4	-0.5	-0.9%
27.2%	59.6	59.4	-0.1	-0.2%
28.4%	59.5	59.4	-0.1	-0.1%
29.6%	59.4	59.3	-0.1	-0.2%
30.9%	59.4	58.9	-0.5	-0.8%
32.1%	59.4	58.9	-0.5	-0.8%
33.3%	59.4	58.9	-0.5	-0.8%
34.6%	59.3	58.8	-0.5	-0.9%
35.8%	59.3	58.8	-0.5	-0.8%
37.0%	59.3	58.8	-0.5	-0.8%
38.3%	59.2	58.7	-0.5	-0.8%
39.5%	59.1	58.7	-0.3	-0.6%
40.7%	59.0	58.7	-0.3	-0.6%
42.0%	59.0	58.7	-0.3	-0.6%
43.2%	59.0	58.7	-0.3	-0.6%
44.4%	59.0	58.6	-0.4	-0.6%
45.7%	58.8	58.6	-0.1	-0.2%
46.9%	58.7	58.5	-0.3	-0.5%
48.1%	58.7	58.5	-0.2	-0.4%
49.4%	58.5	58.4	-0.1	-0.2%
50.6%	58.5	58.3	-0.2	-0.3%
51.9%	58.4	58.2	-0.2	-0.3%
53.1%	58.4	58.2	-0.2	-0.3%
54.3%	58.3	58.2	-0.1	-0.2%
55.6%	58.3	58.1	-0.2	-0.3%
56.8%	58.2	58.0	-0.2	-0.4%
58.0%	58.2	57.9	-0.3	-0.5%
59.3%	58.1	57.8	-0.4	-0.7%
60.5%	58.1	57.7	-0.4	-0.7%
61.7%	58.0	57.7	-0.3	-0.5%
63.0%	57.7	57.6	-0.1	-0.2%
64.2%	57.7	57.5	-0.2	-0.3%
65.4%	57.7	57.5	-0.2	-0.3%
66.7%	57.7	57.5	-0.2	-0.4%
67.9%	57.6	57.5	-0.1	-0.2%
69.1%	57.5	57.4	-0.1	-0.1%
70.4%	57.0	57.3	0.2	0.4%
71.6%	57.0	57.3	0.3	0.5%
72.8%	56.9	57.2	0.3	0.5%
74.1%	56.9	57.2	0.3	0.5%
75.3%	56.8	57.2	0.3	0.6%
76.5%	56.8	57.0	0.2	0.4%
77.8%	56.8	56.9	0.1	0.2%
79.0%	56.8	56.8	0.1	0.1%
80.2%	56.8	56.8	0.0	0.1%
81.5%	56.7	56.7	0.0	0.0%
82.7%	56.7	56.7	0.0	0.1%
84.0%	56.6	56.7	0.1	0.1%
85.2%	56.6	56.6	0.0	0.1%
86.4%	56.5	56.5	0.0	0.1%
87.7%	56.3	56.3	0.1	0.1%
88.9%	56.2	56.2	0.0	-0.1%
90.1%	56.2	56.2	0.0	-0.1%
91.4%	56.2	56.1	-0.1	-0.2%
92.6%	56.1	56.0	-0.1	-0.1%
93.8%	56.1	56.0	-0.1	-0.1%
95.1%	56.0	55.9	-0.1	-0.2%
96.3%	55.9	55.7	-0.2	-0.4%
97.5%	55.6	55.0	-0.6	-1.1%
98.8%	54.5	54.7	0.2	0.3%
100.0%	54.3	54.5	0.2	0.3%

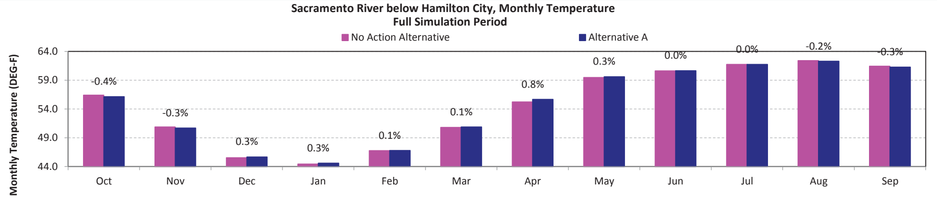
Table SQ-08-3a
Sacramento River below Hamilton City, Monthly Temperature
Long-term Average and Average by Water Year Type

Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	56.4	50.9	45.5	44.4	46.8	50.8	55.2	59.5	60.6	61.7	62.4	61.4
Alternative A	56.2	50.7	45.7	44.6	46.8	50.9	55.7	59.6	60.6	61.8	62.3	61.3
Difference	-0.3	-0.2	0.1	0.1	0.0	0.1	0.5	0.2	0.0	0.0	-0.1	-0.2
Percent Difference[3]	-0.4%	-0.3%	0.3%	0.3%	0.1%	0.1%	0.8%	0.3%	0.0%	0.0%	-0.2%	-0.3%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	55.8	51.2	45.6	44.7	46.4	49.6	53.8	59.0	60.6	62.0	61.9	59.0
Alternative A	55.6	51.1	45.9	44.8	46.4	49.7	53.9	58.8	60.3	62.1	62.1	59.0
Difference	-0.1	-0.2	0.3	0.1	0.0	0.0	0.1	-0.1	-0.3	0.1	0.2	0.0
Percent Difference	-0.2%	-0.3%	0.6%	0.2%	0.1%	0.1%	0.3%	-0.2%	-0.4%	0.2%	0.3%	0.0%
Above Normal (15%)												
No Action Alternative	55.7	50.5	45.9	44.8	46.8	50.8	55.4	60.2	60.3	60.8	62.0	60.7
Alternative A	55.5	50.4	46.2	44.9	46.8	50.9	55.7	60.0	60.5	60.9	62.2	61.0
Difference	-0.2	-0.1	0.3	0.1	0.0	0.1	0.3	-0.2	0.2	0.1	0.2	0.3
Percent Difference	-0.3%	-0.2%	0.6%	0.3%	0.0%	0.1%	0.5%	-0.4%	0.3%	0.2%	0.3%	0.5%
Below Normal (17%)												
No Action Alternative	55.5	50.5	45.8	44.2	46.3	50.8	55.9	59.7	60.2	61.2	61.7	61.9
Alternative A	55.2	50.4	45.8	44.3	46.3	50.9	56.4	60.0	60.4	61.2	61.9	61.6
Difference	-0.3	-0.1	0.0	0.1	0.0	0.1	0.6	0.3	0.2	0.1	0.2	-0.3
Percent Difference	-0.6%	-0.2%	0.0%	0.3%	0.1%	0.2%	1.0%	0.6%	0.3%	0.1%	0.3%	-0.6%
Dry (22%)												
No Action Alternative	56.7	51.0	45.5	44.1	46.9	51.6	56.2	59.3	60.7	61.2	62.1	62.7
Alternative A	56.4	50.8	45.5	44.4	47.0	51.7	56.9	59.7	60.9	61.1	62.0	62.5
Difference	-0.3	-0.2	0.0	0.3	0.0	0.1	0.6	0.4	0.2	0.0	-0.1	-0.2
Percent Difference	-0.5%	-0.4%	0.0%	0.6%	0.0%	0.2%	1.1%	0.8%	0.4%	-0.1%	-0.2%	-0.3%
Critical (15%)												
No Action Alternative	59.0	50.6	44.8	44.3	47.8	52.2	55.8	59.8	61.4	63.7	65.1	64.8
Alternative A	58.6	50.4	44.9	44.4	47.8	52.3	56.7	60.3	61.5	63.4	63.7	64.2
Difference	-0.4	-0.2	0.1	0.2	0.1	0.1	0.9	0.5	0.0	-0.3	-1.4	-0.7
Percent Difference	-0.7%	-0.4%	0.2%	0.4%	0.2%	0.2%	1.6%	0.8%	0.1%	-0.4%	-2.2%	-1.0%

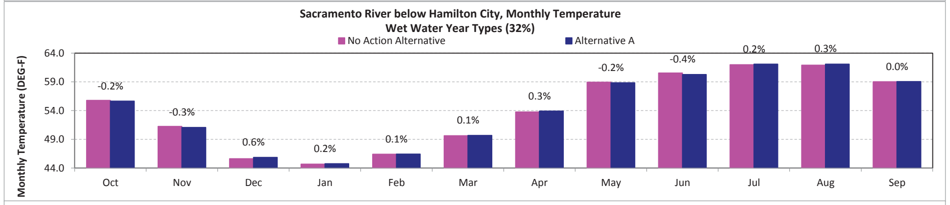
1 Based on the 82-year simulation period

2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

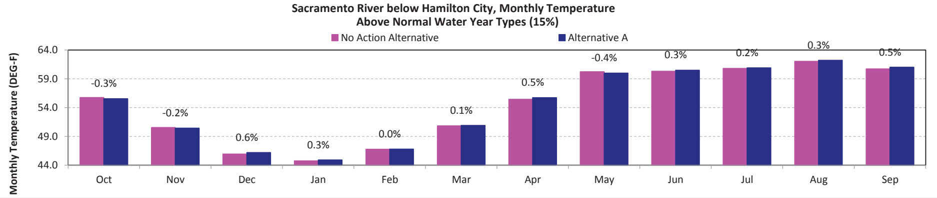
3 Relative difference of the monthly average



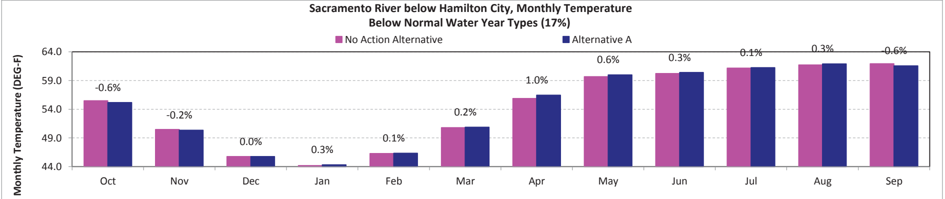
Sacramento River below Hamilton City, Monthly Temperature
Full Simulation Period



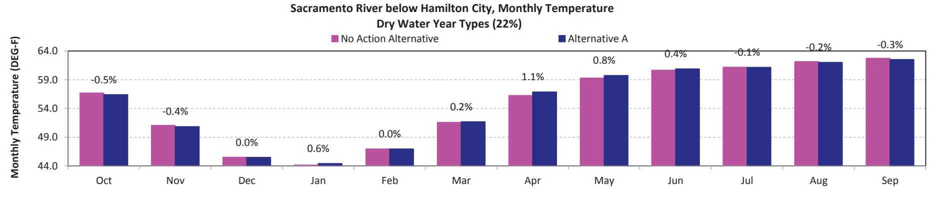
Sacramento River below Hamilton City, Monthly Temperature
Wet Water Year Types (32%)



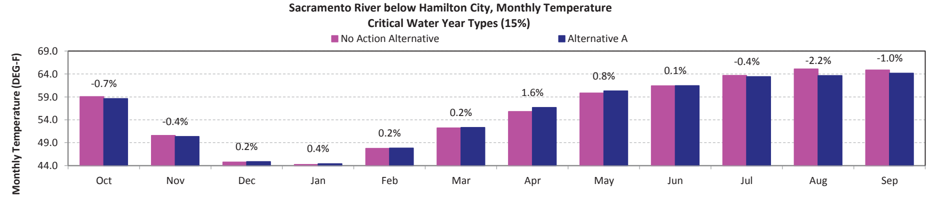
Sacramento River below Hamilton City, Monthly Temperature
Above Normal Water Year Types (15%)



Sacramento River below Hamilton City, Monthly Temperature
Below Normal Water Year Types (17%)

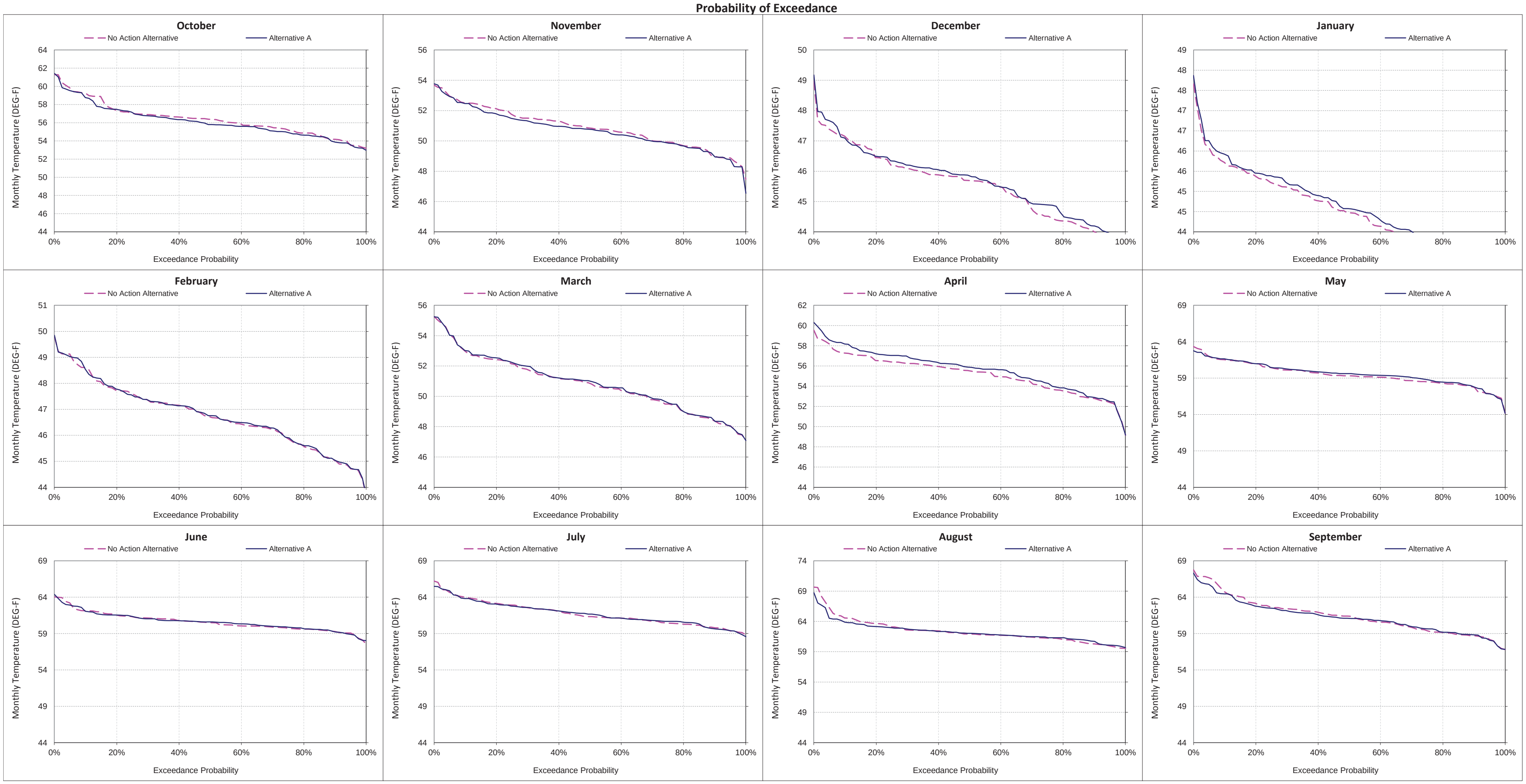


Sacramento River below Hamilton City, Monthly Temperature
Dry Water Year Types (22%)



Sacramento River below Hamilton City, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-08-3b
Sacramento River below Hamilton City, Monthly Temperature
Probability of Exceedance


October

November

December

January

February

March

April

May

June

July

August

September

Table SQ-08-3b

Sacramento River below Hamilton City, Monthly Temperature
Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	61.3	61.4	0.1	0.2%
1.2%	61.3	61.0	-0.3	-0.4%
2.5%	60.4	59.8	-0.6	-0.9%
3.7%	60.1	59.7	-0.4	-0.7%
4.9%	59.8	59.5	-0.3	-0.5%
6.2%	59.4	59.4	0.0	0.0%
7.4%	59.4	59.3	-0.1	-0.1%
8.6%	59.3	59.3	0.0	0.0%
9.9%	59.3	58.8	-0.5	-0.9%
11.1%	59.0	58.7	-0.3	-0.5%
12.3%	58.9	58.4	-0.5	-0.9%
13.6%	58.9	57.8	-1.1	-1.9%
14.8%	58.9	57.7	-1.1	-2.0%
16.0%	58.1	57.6	-0.5	-0.9%
17.3%	57.7	57.5	-0.2	-0.4%
18.5%	57.5	57.5	-0.1	-0.1%
19.8%	57.4	57.5	0.1	0.2%
21.0%	57.2	57.4	0.1	0.2%
22.2%	57.2	57.3	0.1	0.2%
23.5%	57.2	57.3	0.1	0.2%
24.7%	57.0	57.2	0.1	0.3%
25.9%	57.0	56.9	0.0	-0.1%
27.2%	57.0	56.9	-0.1	-0.1%
28.4%	56.9	56.8	-0.1	-0.2%
29.6%	56.9	56.8	-0.1	-0.2%
30.9%	56.9	56.7	-0.1	-0.3%
32.1%	56.8	56.7	-0.1	-0.2%
33.3%	56.8	56.6	-0.2	-0.3%
34.6%	56.8	56.6	-0.2	-0.3%
35.8%	56.7	56.6	-0.2	-0.3%
37.0%	56.7	56.4	-0.3	-0.5%
38.3%	56.6	56.4	-0.3	-0.4%
39.5%	56.6	56.4	-0.3	-0.5%
40.7%	56.6	56.3	-0.3	-0.5%
42.0%	56.6	56.3	-0.3	-0.5%
43.2%	56.5	56.2	-0.3	-0.5%
44.4%	56.5	56.2	-0.3	-0.6%
45.7%	56.5	56.2	-0.3	-0.6%
46.9%	56.5	56.0	-0.4	-0.8%
48.1%	56.5	56.0	-0.5	-0.8%
49.4%	56.4	55.8	-0.6	-1.0%
50.6%	56.4	55.8	-0.6	-1.0%
51.9%	56.3	55.8	-0.6	-1.0%
53.1%	56.2	55.8	-0.4	-0.8%
54.3%	56.2	55.8	-0.4	-0.7%
55.6%	56.0	55.7	-0.3	-0.6%
56.8%	56.0	55.7	-0.3	-0.5%
58.0%	56.0	55.6	-0.4	-0.7%
59.3%	56.0	55.6	-0.4	-0.7%
60.5%	55.7	55.6	-0.1	-0.2%
61.7%	55.7	55.6	-0.1	-0.2%
63.0%	55.7	55.6	-0.2	-0.3%
64.2%	55.7	55.6	-0.1	-0.2%
65.4%	55.6	55.4	-0.2	-0.4%
66.7%	55.6	55.3	-0.3	-0.5%
67.9%	55.6	55.3	-0.3	-0.6%
69.1%	55.6	55.1	-0.4	-0.8%
70.4%	55.4	55.1	-0.3	-0.6%
71.6%	55.4	55.0	-0.4	-0.7%
72.8%	55.4	55.0	-0.3	-0.6%
74.1%	55.3	55.0	-0.3	-0.6%
75.3%	55.2	54.9	-0.3	-0.5%
76.5%	55.1	54.8	-0.4	-0.6%
77.8%	54.9	54.8	-0.2	-0.3%
79.0%	54.9	54.7	-0.2	-0.4%
80.2%	54.9	54.6	-0.2	-0.4%
81.5%	54.9	54.6	-0.2	-0.4%
82.7%	54.9	54.5	-0.3	-0.6%
84.0%	54.7	54.5	-0.1	-0.2%
85.2%	54.6	54.5	-0.1	-0.3%
86.4%	54.4	54.5	0.1	0.1%
87.7%	54.3	54.3	0.0	0.1%
88.9%	54.2	54.0	-0.2	-0.4%
90.1%	54.2	53.9	-0.3	-0.6%
91.4%	54.1	53.8	-0.3	-0.6%
92.6%	54.0	53.8	-0.2	-0.4%
93.8%	54.0	53.8	-0.2	-0.3%
95.1%	53.5	53.6	0.1	0.1%
96.3%	53.5	53.3	-0.2	-0.3%
97.5%	53.4	53.2	-0.2	-0.4%
98.8%	53.3	53.2	-0.1	-0.2%
100.0%	53.2	53.0	0.0	-0.4%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.7	53.8	0.1	0.2%
1.2%	53.5	53.7	0.1	0.3%
2.5%	53.5	53.3	-0.2	-0.4%
3.7%	53.2	53.1	-0.1	-0.3%
4.9%	53.0	52.9	0.0	-0.1%
6.2%	52.8	52.8	0.0	0.0%
7.4%	52.7	52.5	-0.2	-0.4%
8.6%	52.6	52.5	0.0	-0.1%
9.9%	52.5	52.5	0.0	-0.1%
11.1%	52.5	52.5	0.0	-0.1%
12.3%	52.5	52.3	-0.2	-0.4%
13.6%	52.4	52.2	-0.2	-0.5%
14.8%	52.4	52.1	-0.3	-0.6%
16.0%	52.3	51.9	-0.4	-0.7%
17.3%	52.2	51.9	-0.4	-0.7%
18.5%	52.2	51.9	-0.3	-0.6%
19.8%	52.1	51.8	-0.3	-0.6%
21.0%	52.0	51.7	-0.3	-0.7%
22.2%	52.0	51.7	-0.4	-0.7%
23.5%	52.0	51.6	-0.4	-0.8%
24.7%	51.8	51.5	-0.3	-0.5%
25.9%	51.6	51.4	-0.2	-0.4%
27.2%	51.6	51.4	-0.2	-0.3%
28.4%	51.5	51.3	-0.2	-0.3%
29.6%	51.5	51.3	-0.2	-0.3%
30.9%	51.5	51.3	-0.2	-0.5%
32.1%	51.5	51.2	-0.3	-0.6%
33.3%	51.4	51.2	-0.3	-0.5%
34.6%	51.4	51.1	-0.3	-0.6%
35.8%	51.4	51.1	-0.3	-0.5%
37.0%	51.4	51.1	-0.3	-0.6%
38.3%	51.3	51.0	-0.4	-0.7%
39.5%	51.3	51.0	-0.3	-0.7%
40.7%	51.3	51.0	-0.3	-0.6%
42.0%	51.2	50.9	-0.2	-0.4%
43.2%	51.1	50.9	-0.2	-0.4%
44.4%	51.0	50.8	-0.2	-0.4%
45.7%	51.0	50.8	-0.2	-0.3%
46.9%	51.0	50.8	-0.2	-0.3%
48.1%	50.9	50.8	-0.1	-0.2%
49.4%	50.9	50.8	-0.1	-0.2%
50.6%	50.8	50.8	-0.1	-0.2%
51.9%	50.8	50.7	-0.1	-0.2%
53.1%	50.8	50.7	-0.1	-0.2%
54.3%	50.8	50.6	-0.1	-0.2%
55.6%	50.8	50.6	-0.1	-0.3%
56.8%	50.7	50.5	-0.2	-0.5%
58.0%	50.6	50.4	-0.2	-0.5%
59.3%	50.6	50.4	-0.2	-0.4%
60.5%	50.6	50.4	-0.2	-0.3%
61.7%	50.6	50.4	-0.2	-0.4%
63.0%	50.5	50.3	-0.2	-0.4%
64.2%	50.4	50.3	-0.2	-0.3%
65.4%	50.4	50.2	-0.2	-0.4%
66.7%	50.4	50.2	-0.2	-0.4%
67.9%	50.2	50.1	-0.2	-0.3%
69.1%	50.1	50.0	0.0	-0.1%
70.4%	50.0	50.0	0.0	0.0%
71.6%	50.0	50.0	0.0	0.0%
72.8%	50.0	50.0	0.0	0.0%
74.1%	49.9	49.9	0.0	-0.1%
75.3%	49.9	49.9	-0.1	-0.1%
76.5%	49.9	49.8	-0.1	-0.1%
77.8%	49.8	49.8	0.0	0.0%
79.0%	49.7	49.7	0.0	-0.1%
80.2%	49.7	49.7	0.0	0.0%
81.5%	49.7	49.6	-0.1	-0.2%
82.7%	49.6	49.5	-0.1	-0.1%
84.0%	49.6	49.5	-0.1	-0.1%
85.2%	49.6	49.5	0.0	-0.1%
86.4%	49.5	49.3	-0.2	-0.4%
87.7%	49.4	49.3	-0.1	-0.1%
88.9%	49.0	49.2	0.2	0.3%
90.1%	49.0	48.9	0.0	-0.1%
91.4%	48.9	48.9	0.0	0.0%
92.6%	48.9	48.9	0.0	0.1%
93.8%	48.9	48.8	-0.1	-0.2%
95.1%	48.9	48.8	-0.1	-0.2%
96.3%	48.7	48.3	-0.4	-0.7%
97.5%	48.5	48.3	-0.2	-0.4%
98.8%	48.3	48.3	0.0	0.0%
100.0%	47.5	46.5	-0.9	-2.0%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	49.0	49.2	0.2	0.4%
1.2%	47.7	48.0	0.3	0.6%
2.5%	47.5	48.0	0.4	0.9%
3.7%	47.5	47.7	0.2	0.4%
4.9%	47.4	47.7	0.3	0.6%
6.2%	47.3	47.6	0.3	0.6%
7.4%	47.2	47.5	0.2	0.5%
8.6%	47.2	47.1	-0.1	-0.2%
9.9%	47.2	47.1	-0.1	-0.1%
11.1%	47.0	47.0	-0.1	-0.2%
12.3%	47.0	46.9	-0.1	-0.2%
13.6%	46.9	46.9	0.0	-0.1%
14.8%	46.9	46.8	-0.1	-0.2%
16.0%	46.9	46.6	-0.2	-0.5%
17.3%	46.7	46.6	-0.1	-0.3%
18.5%	46.7	46.6	-0.2	-0.3%
19.8%	46.5	46.5	0.0	0.1%
21.0%	46.4	46.5	0.0	0.1%
22.2%	46.4	46.5	0.1	0.2%
23.5%	46.4	46.5	0.1	0.1%
24.7%	46.2	46.3	0.1	0.3%
25.9%	46.2	46.3	0.1	0.3%
27.2%	46.1	46.3	0.1	0.3%
28.4%	46.1	46.3	0.1	0.3%
29.6%	46.1	46.2	0.1	0.2%
30.9%	46.1	46.2	0.1	0.3%
32.1%	46.0	46.2	0.1	0.3%
33.3%	46.0	46.1	0.1	0.2%
34.6%	46.0	46.1	0.1	0.3%
35.8%	45.9	46.1	0.2	0.4%
37.0%	45.9	46.1	0.2	0.5%
38.3%	45.9	46.1	0.2	0.4%
39.5%	45.9	46.1	0.2	0.4%
40.7%	45.9	46.0	0.2	0.3%
42.0%	45.8	46.0	0.2	0.4%
43.2%	45.8	46.0	0.1	0.3%
44.4%	45.8	45.9	0.1	0.2%
45.7%	45.8	45.9	0.1	0.2%
46.9%	45.8	45.9	0.1	0.1%
48.1%	45.7	45.9	0.2	0.4%
49.4%	45.7	45.9	0.2	0.4%
50.6%	45.7	45.8	0.1	0.3%
51.9%	45.7	45.8	0.1	0.3%
53.1%	45.7	45.7	0.1	0.1%
54.3%	45.6	45.7	0.1	0.1%
55.6%	45.6	45.7	0.0	0.1%
56.8%	45.6	45.6	0.0	0.0%
58.0%	45.6	45.5	-0.1	-0.2%
59.3%	45.5	45.5	0.0	0.0%
60.5%	45.5	45.5	0.0	0.0%
61.7%	45.3	45.5	0.2	0.3%
63.0%	45.3	45.4	0.1	0.3%
64.2%	45.2	45.4	0.2	0.4%
65.4%	45.1	45.2	0.0	0.1%
66.7%	45.1	45.1	0.0	0.0%
67.9%	45.1	45.1	0.0	0.0%
69.1%	44.9	45.0	0.1	0.2%
70.4%	44.7	44.9	0.2	0.5%
71.6%	44.6	44.9	0.3	0.7%
72.8%	44.6	44.9	0.3	0.7%
74.1%	44.5	44.9	0.4	0.9%
75.3%	44.5	44.9	0.4	0.8%
76.5%	44.4	44.9	0.4	1.0%
77.8%	44.4	44.8	0.5	1.0%
79.0%	44.4	44.6	0.3	0.6%
80.2%	44.4	44.5	0.1	0.3%
81.5%	44.4	44.5	0.1	0.3%
82.7%	44.3	44.5	0.1	0.3%
84.0%	44.3	44.4	0.1	0.3%
85.2%	44.2	44.4	0.2	0.5%
86.4%	44.1	44.4	0.2	0.6%
87.7%	44.1	44.3	0.1	0.3%
88.9%	44.1	44.2	0.1	0.3%
90.1%	44.0	44.2	0.2	0.5%
91.4%	43.9	44.1	0.2	0.5%
92.6%	43.8	44.0	0.3	0.6%
93.8%	43.7	44.0	0.3	0.6%
95.1%	43.7	43.9	0.2	0.5%
96.3%	43.5	43.8	0.3	0.6%
97.5%	43.5	43.5	0.0	-0.1%
98.8%	43.2	43.3	0.2	0.4%
100.0%	41.7	41.9	0.1	0.3%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.7	47.9	0.2	0.4%
1.2%	47.1	47.2	0.1	0.3%
2.5%	46.5	46.8	0.3	0.6%
3.7%	46.2	46.3	0.1	0.2%
4.9%	46.1	46.3	0.2	0.4%
6.2%	45.9	46.1	0.2	0.4%
7.4%	45.9	46.0	0.1	0.3%
8.6%	45.8	46.0	0.2	0.4%
9.9%	45.7	45.9	0.2	0.5%
11.1%	45.6	45.9	0.2	0.5%
12.3%	45.6	45.7	0.0	0.1%
13.6%	45.6	45.7	0.0	0.1%
14.8%	45.5	45.6	0.1	0.1%
16.0%	45.5	45.6	0.0	0.1%
17.3%	45.5	45.5	0.1	0.2%
18.5%	45.4	45.5	0.1	0.2%
19.8%	45.4	45.5	0.1	0.1%
21.0%	45.3	45.4	0.1	0.3%
22.2%	45.3	45.4	0.1	0.3%
23.5%	45.3	45.4	0.1	0.2%
24.7%	45.2	45.4	0.2	0.4%
25.9%	45.2	45.4	0.2	0.4%
27.2%	45.2	45.4	0.2	0.4%
28.4%	45.1	45.3	0.2	0.5%
29.6%	45.1	45.2	0.1	0.3%
30.9%	45.1	45.2	0.1	0.2%
32.1%	45.0	45.2	0.1	0.3%
33.3%	45.0	45.2	0.1	0.3%
34.6%	44.9	45.1	0.2	0.4%
35.8%	44.9	45.0	0.1	0.3%
37.0%	44.9	45.0	0.1	0.2%
38.3%	44.8	44.9	0.1	0.3%
39.5%	44.8	44.9	0.1	0.3%
40.7%	44.8	44.9	0.1	0.3%
42.0%	44.8	44.8	0.1	0.2%
43.2%	44.7	44.8	0.1	0.2%
44.4%	44.6	44.8	0.2	0.4%
45.7%	44.6	44.8	0.2	0.4%
46.9%	44.5	44.6	0.1	0.2%
48.1%	44.5	44.6	0.0	0.1%
49.4%	44.5	44.6	0.1	0.2%
50.6%	44.5	44.6	0.1	0.2%
51.9%	44.5	44.6	0.1	0.2%
53.1%	44.4	44.5	0.1	0.3%
54.3%	44.4	44.5	0.1	0.2%
55.6%	44.4	44.5	0.1	0.2%
56.8%	44.2	44.5	0.3	0.6%
58.0%	44.2	44.4	0.2	0.6%
59.3%	44.1	44.3	0.2	0.4%
60.5%	44.1	44.3	0.1	0.3%
61.7%	44.0	44.2	0.1	0.3%
63.0%	44.0	44.2	0.1	0.3%
64.2%	44.0	44.1	0.1	0.3%
65.4%	43.9	44.1	0.1	0.3%
66.7%	43.9	44.1	0.2	0.3%
67.9%	43.8	44.1	0.2	0.5%
69.1%	43.8	44.1	0.3	0.6%
70.4%	43.7	44.0	0.3	0.6%
71.6%	43.7	43.9	0.2	0.5%
72.8%	43.7	43.9	0.2	0.4%
74.1%	43.7	43.9	0.2	0.5%
75.3%	43.6	43.9	0.2	0.5%
76.5%	43.5	43.8	0.3	0.7%
77.8%	43.5	43.8	0.3	0.7%
79.0%	43.5	43.8	0.3	0.7%
80.2%	43.5	43.7	0.2	0.5%
81.5%	43.4	43.6	0.2	0.4%
82.7%	43.4	43.5	0.0	0.1%
84.0%	43.3	43.4	0.1	0.3%
85.2%	43.2	43.4	0.1	0.3%
86.4%	43.2	43.3	0.2	0.4%
87.7%	43.1	43.3	0.2	0.4%
88.9%	43.1	43.3	0.1	0.3%
90.1%	43.1	43.2	0.1	0.2%
91.4%	42.9	43.1	0.2	0.4%
92.6%	42.9	42.9	0.0	0.0%
93.8%	42.8	42.8	0.0	0.0%
95.1%	42.7	42.7	0.0	0.1%
96.3%	42.5	42.7	0.2	0.5%
97.5%	42.4	42.5	0.1	0.2%
98.8%	42.2	42.2	0.0	0.0%
100.0%	41.6	42.1	0.5	1.1%

Table SQ-08-3b

Sacramento River below Hamilton City, Monthly Temperature

Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	49.8	49.9	0.0	0.1%
1.2%	49.2	49.2	0.0	0.0%
2.5%	49.1	49.2	0.0	0.1%
3.7%	49.1	49.1	0.0	0.0%
4.9%	49.1	49.0	-0.1	-0.2%
6.2%	48.9	49.0	0.1	0.3%
7.4%	48.7	49.0	0.2	0.5%
8.6%	48.6	48.8	0.2	0.5%
9.9%	48.6	48.5	-0.1	-0.1%
11.1%	48.5	48.3	-0.2	-0.3%
12.3%	48.2	48.2	0.0	0.0%
13.6%	48.1	48.2	0.1	0.2%
14.8%	48.1	48.2	0.1	0.2%
16.0%	47.9	48.0	0.1	0.1%
17.3%	47.9	47.9	0.0	0.1%
18.5%	47.8	47.9	0.1	0.1%
19.8%	47.7	47.8	0.1	0.1%
21.0%	47.7	47.7	0.0	0.1%
22.2%	47.7	47.7	0.0	-0.1%
23.5%	47.7	47.6	-0.1	-0.2%
24.7%	47.6	47.6	-0.1	-0.1%
25.9%	47.5	47.5	-0.1	-0.1%
27.2%	47.4	47.5	0.0	0.1%
28.4%	47.4	47.4	0.0	0.0%
29.6%	47.4	47.4	0.0	0.0%
30.9%	47.3	47.3	0.0	0.0%
32.1%	47.3	47.3	0.0	0.1%
33.3%	47.2	47.3	0.0	0.1%
34.6%	47.2	47.3	0.0	0.0%
35.8%	47.2	47.2	-0.1	-0.1%
37.0%	47.2	47.2	0.0	-0.1%
38.3%	47.2	47.2	0.0	0.0%
39.5%	47.2	47.1	0.0	0.0%
40.7%	47.1	47.1	0.0	0.0%
42.0%	47.1	47.1	0.0	0.1%
43.2%	47.0	47.1	0.1	0.2%
44.4%	47.0	47.0	0.0	0.1%
45.7%	46.9	46.9	0.0	-0.1%
46.9%	46.9	46.9	0.0	0.0%
48.1%	46.8	46.8	0.1	0.2%
49.4%	46.7	46.8	0.0	0.1%
50.6%	46.7	46.8	0.1	0.2%
51.9%	46.7	46.7	0.1	0.2%
53.1%	46.7	46.6	0.0	-0.1%
54.3%	46.6	46.6	0.0	0.0%
55.6%	46.6	46.6	0.0	0.0%
56.8%	46.5	46.5	0.1	0.1%
58.0%	46.5	46.5	0.0	0.1%
59.3%	46.4	46.5	0.0	0.1%
60.5%	46.4	46.5	0.1	0.2%
61.7%	46.4	46.5	0.1	0.2%
63.0%	46.4	46.5	0.1	0.2%
64.2%	46.3	46.4	0.0	0.1%
65.4%	46.3	46.4	0.0	0.1%
66.7%	46.3	46.3	0.0	0.1%
67.9%	46.3	46.3	0.0	0.1%
69.1%	46.2	46.3	0.0	0.1%
70.4%	46.2	46.3	0.0	0.1%
71.6%	46.1	46.2	0.1	0.1%
72.8%	46.1	46.1	0.0	-0.1%
74.1%	45.9	45.9	0.0	0.0%
75.3%	45.8	45.9	0.1	0.1%
76.5%	45.7	45.8	0.0	0.1%
77.8%	45.7	45.7	0.0	0.1%
79.0%	45.7	45.7	0.0	0.0%
80.2%	45.6	45.6	0.0	0.1%
81.5%	45.5	45.6	0.1	0.2%
82.7%	45.5	45.5	0.1	0.2%
84.0%	45.4	45.5	0.1	0.1%
85.2%	45.3	45.3	0.0	0.0%
86.4%	45.2	45.2	0.0	0.0%
87.7%	45.2	45.1	0.0	-0.1%
88.9%	45.1	45.1	0.1	0.1%
90.1%	45.0	45.0	0.0	0.0%
91.4%	44.9	45.0	0.1	0.1%
92.6%	44.9	44.9	0.1	0.1%
93.8%	44.9	44.9	0.0	0.1%
95.1%	44.7	44.7	0.0	0.1%
96.3%	44.7	44.7	0.0	0.0%
97.5%	44.6	44.7	0.0	0.1%
98.8%	44.3	44.3	0.0	0.1%
100.0%	43.7	43.7	0.0	0.0%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	55.3	55.2	0.0	0.0%
1.2%	55.0	55.2	0.2	0.4%
2.5%	54.8	54.9	0.1	0.1%
3.7%	54.6	54.5	0.0	-0.1%
4.9%	54.1	54.0	0.0	0.0%
6.2%	53.9	54.0	0.1	0.2%
7.4%	53.5	53.4	-0.1	-0.1%
8.6%	53.2	53.2	0.0	0.1%
9.9%	53.0	53.0	0.0	0.1%
11.1%	52.8	53.0	0.2	0.4%
12.3%	52.7	52.7	0.0	0.1%
13.6%	52.7	52.7	0.0	0.1%
14.8%	52.6	52.7	0.1	0.3%
16.0%	52.5	52.7	0.2	0.4%
17.3%	52.5	52.6	0.1	0.2%
18.5%	52.4	52.6	0.1	0.2%
19.8%	52.4	52.5	0.1	0.2%
21.0%	52.4	52.5	0.1	0.2%
22.2%	52.4	52.4	0.0	0.0%
23.5%	52.3	52.3	0.0	0.0%
24.7%	52.1	52.3	0.1	0.2%
25.9%	52.1	52.2	0.1	0.1%
27.2%	51.9	52.1	0.2	0.4%
28.4%	51.8	52.0	0.2	0.4%
29.6%	51.8	52.0	0.2	0.4%
30.9%	51.7	52.0	0.3	0.5%
32.1%	51.6	51.7	0.1	0.2%
33.3%	51.4	51.6	0.1	0.3%
34.6%	51.4	51.6	0.1	0.3%
35.8%	51.4	51.4	0.0	0.0%
37.0%	51.3	51.3	0.0	-0.1%
38.3%	51.2	51.3	0.0	0.0%
39.5%	51.2	51.2	0.0	0.0%
40.7%	51.1	51.2	0.0	0.1%
42.0%	51.1	51.1	0.0	0.0%
43.2%	51.1	51.1	0.0	0.0%
44.4%	51.1	51.1	0.1	0.1%
45.7%	51.0	51.1	0.1	0.1%
46.9%	51.0	51.1	0.0	0.1%
48.1%	50.9	51.0	0.1	0.3%
49.4%	50.9	51.0	0.1	0.3%
50.6%	50.8	51.0	0.2	0.3%
51.9%	50.6	50.9	0.3	0.5%
53.1%	50.6	50.8	0.2	0.3%
54.3%	50.6	50.6	0.0	0.1%
55.6%	50.5	50.6	0.0	0.1%
56.8%	50.5	50.6	0.1	0.1%
58.0%	50.5	50.6	0.1	0.2%
59.3%	50.5	50.6	0.1	0.2%
60.5%	50.3	50.6	0.2	0.5%
61.7%	50.3	50.3	0.0	0.0%
63.0%	50.2	50.2	0.0	0.1%
64.2%	50.2	50.2	0.1	0.1%
65.4%	50.1	50.1	0.0	0.1%
66.7%	50.1	50.1	0.0	0.0%
67.9%	50.0	50.1	0.0	0.1%
69.1%	49.8	49.9	0.2	0.3%
70.4%	49.8	49.8	0.1	0.1%
71.6%	49.7	49.8	0.1	0.2%
72.8%	49.7	49.8	0.1	0.2%
74.1%	49.5	49.7	0.2	0.4%
75.3%	49.5	49.6	0.1	0.1%
76.5%	49.4	49.5	0.0	0.1%
77.8%	49.4	49.5	0.1	0.1%
79.0%	49.1	49.1	0.0	0.1%
80.2%	49.0	49.0	0.0	0.0%
81.5%	48.8	48.9	0.0	0.1%
82.7%	48.8	48.8	0.0	0.0%
84.0%	48.7	48.8	0.0	0.0%
85.2%	48.6	48.7	0.1	0.1%
86.4%	48.6	48.7	0.1	0.2%
87.7%	48.6	48.6	0.0	0.1%
88.9%	48.5	48.6	0.1	0.3%
90.1%	48.4	48.4	0.0	0.0%
91.4%	48.2	48.4	0.1	0.3%
92.6%	48.2	48.3	0.2	0.4%
93.8%	48.1	48.1	0.0	0.0%
95.1%	48.0	48.0	0.0	0.0%
96.3%	47.8	47.8	0.0	0.0%
97.5%	47.5	47.6	0.1	0.1%
98.8%	47.5	47.5	0.0	0.0%
100.0%	47.1	47.1	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.5	60.3	0.8	1.3%
1.2%	58.7	59.9	1.2	2.0%
2.5%	58.6	59.4	0.8	1.4%
3.7%	58.4	58.9	0.5	0.9%
4.9%	58.2	58.6	0.4	0.7%
6.2%	57.7	58.4	0.8	1.3%
7.4%	57.5	58.3	0.9	1.5%
8.6%	57.3	58.3	1.0	1.7%
9.9%	57.3	58.2	0.9	1.6%
11.1%	57.3	58.2	0.9	1.6%
12.3%	57.1	57.8	0.7	1.2%
13.6%	57.1	57.7	0.7	1.2%
14.8%	57.1	57.5	0.4	0.8%
16.0%	57.0	57.5	0.4	0.8%
17.3%	57.0	57.4	0.4	0.6%
18.5%	56.9	57.4	0.5	0.8%
19.8%	56.5	57.2	0.7	1.2%
21.0%	56.5	57.1	0.6	1.1%
22.2%	56.5	57.1	0.6	1.1%
23.5%	56.5	57.1	0.6	1.0%
24.7%	56.4	57.0	0.7	1.2%
25.9%	56.4	57.0	0.7	1.2%
27.2%	56.4	57.0	0.7	1.2%
28.4%	56.3	57.0	0.7	1.2%
29.6%	56.3	57.0	0.7	1.3%
30.9%	56.2	56.8	0.5	1.0%
32.1%	56.2	56.7	0.5	0.8%
33.3%	56.2	56.7	0.5	0.8%
34.6%	56.2	56.6	0.4	0.7%
35.8%	56.1	56.5	0.4	0.8%
37.0%	56.1	56.5	0.4	0.8%
38.3%	56.0	56.4	0.4	0.8%
39.5%	56.0	56.4	0.4	0.7%
40.7%	55.9	56.3	0.3	0.6%
42.0%	55.8	56.2	0.4	0.7%
43.2%	55.8	56.2	0.4	0.8%
44.4%	55.7	56.2	0.5	0.9%
45.7%	55.7	56.2	0.5	0.8%
46.9%	55.7	56.1	0.4	0.7%
48.1%	55.6	55.9	0.4	0.7%
49.4%	55.6	55.9	0.3	0.6%
50.6%	55.5	55.9	0.4	0.7%
51.9%	55.4	55.8	0.4	0.7%
53.1%	55.4	55.8	0.4	0.6%
54.3%	55.4	55.7	0.3	0.5%
55.6%	55.4	55.7	0.3	0.5%
56.8%	55.3	55.7	0.3	0.6%
58.0%	55.0	55.7	0.7	1.3%
59.3%	55.0	55.6	0.7	1.2%
60.5%	54.9	55.6	0.7	1.3%
61.7%	54.9	55.6	0.7	1.2%
63.0%	54.8	55.4	0.6	1.0%
64.2%	54.7	55.3	0.6	1.1%
65.4%	54.6	55.0	0.4	0.7%
66.7%	54.6	54.8	0.3	0.5%
67.9%	54.5	54.8	0.3	0.6%
69.1%	54.5	54.8	0.3	0.5%
70.4%	54.2	54.6	0.4	0.8%
71.6%	54.2	54.5	0.4	0.7%
72.8%	54.1	54.5	0.4	0.8%
74.1%	53.8	54.3	0.5	0.9%
75.3%	53.8	54.3	0.5	0.9%
76.5%	53.7	54.0	0.3	0.6%
77.8%	53.6	53.9	0.3	0.5%
79.0%	53.6	53.8	0.2	0.4%
80.2%	53.5	53.8	0.3	0.6%
81.5%	53.4	53.7	0.3	0.5%
82.7%	53.3	53.7	0.3	0.6%
84.0%	53.3	53.6	0.3	0.6%
85.2%	53.0	53.4	0.5	0.9%
86.4%	52.9	53.3	0.4	0.7%
87.7%	52.9	53.0	0.1	0.1%
88.9%	52.8	52.9	0.1	0.2%
90.1%	52.8	52.9	0.1	0.2%
91.4%	52.7	52.8	0.1	0.3%
92.6%	52.5	52.8	0.2	0.5%
93.8%	52.5	52.6	0.1	0.2%
95.1%	52.4	52.5	0.1	0.2%
96.3%	52.3	52.5	0.2	0.4%
97.5%	51.5	51.4	0.0	-0.1%
98.8%	50.5	50.5	0.0	-0.1%
100.0%	49.2	49.2	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	63.3	62.8	-0.6	-0.9%
1.2%	63.1	62.6	-0.5	-0.8%
2.5%	62.9	62.5	-0.4	-0.6%
3.7%	62.4	62.1	-0.3	-0.5%
4.9%	62.0	62.0	0.1	0.1%
6.2%	61.8	61.8	0.1	0.1%
7.4%	61.6	61.8	0.1	0.2%
8.6%	61.6	61.6	0.1	0.1%
9.9%	61.5	61.6	0.1	0.2%
11.1%	61.4	61.6	0.1	0.2%
12.3%	61.4	61.5	0.1	0.1%
13.6%	61.4	61.4	0.0	-0.1%
14.8%	61.3	61.4	0.0	0.1%
16.0%	61.3	61.3	0.1	0.2%
17.3%	61.1	61.2	0.1	0.1%
18.5%	61.0	61.1	0.1	0.1%
19.8%	61.0	61.0	0.0	-0.1%
21.0%	61.0	61.0	0.0	0.0%
22.2%	60.6	61.0	0.4	0.6%
23.5%	60.5	60.8	0.3	0.5%
24.7%	60.5	60.5	0.0	0.0%
25.9%	60.3	60.4	0.1	0.1%
27.2%	60.2	60.4	0.2	0.3%
28.4%	60.1	60.4	0.2	0.4%
29.6%	60.1	60.3	0.2	0.3%
30.9%	60.1	60.2	0.1	0.1%
32.1%	60.1	60.2	0.1	0.1%
33.3%	60.1	60.1	0.1	0.1%
34.6%	60.1	60.1	0.0	0.0%
35.8%	59.9	60.0	0.1	0.1%
37.0%	59.8	60.0	0.1	0.2%
38.3%	59.7	60.0	0.2	0.3%
39.5%	59.7	59.9	0.1	0.2%
40.7%	59.7	59.8	0.2	0.3%
42.0%	59.5	59.8	0.3	0.4%
43.2%	59.5	59.8	0.3	0.5%
44.4%	59.4	59.7	0.3	0.5%
45.7%	59.4	59.7	0.3	0.5%
46.9%	59.4	59.6	0.3	0.4%
48.1%	59.3	59.6	0.3	0.5%
49.4%	59.3	59.6	0.3	0.5%
50.6%	59.3	59.6	0.3	0.5%
51.9%	59.3	59.6	0.3	0.5%
53.1%	59.2	59.5	0.3	0.5%
54.3%	59.2	59.5	0.3	0.4%
55.6%	59.2	59.4	0.3	0.4%
56.8%	59.2	59.4	0.3	0.4%
58.0%	59.2	59.4	0.2	0.4%
59.3%	59.1	59.4	0.3	0.5%
60.5%	59.1	59.4	0.2	0.4%
61.7%	59.1	59.4	0.3	0.4%
63.0%	59.0	59.4	0.3	0.6%
64.2%	59.0	59.3	0.3	0.5%
65.4%	58.9	59.3	0.4	0.7%
66.7%	58.9	59.2	0.3	0.6%
67.9%	58.7	59.2	0.5	0.8%
69.1%	58.7	59.2	0.5	0.9%
70.4%	58.6	59.1	0.4	0.7%
71.6%	58.6	59.0	0.4	0.8%
72.8%	58.5	58.9	0.4	0.7%
74.1%	58.5	58.8	0.3	0.5%
75.3%	58.5	58.7	0.3	0.5%
76.5%	58.5	58.7	0.2	0.3%
77.8%	58.4	58.5	0.1	0.2%
79.0%	58.3	58.5	0.1	0.3%
80.2%	58.3	58.4	0.1	0.3%
81.5%	58.2	58.4	0.2	0.4%
82.7%	58.2	58.4	0.2	0.3%
84.0%	58.2	58.4	0.2	0.4%
85.2%	58.1	58.3	0.2	0.4%
86.4%	58.0	58.2	0.2	0.3%
87.7%	58.0	58.0	0.1	0.1%
88.9%	57.9	58.0	0.1	0.2%
90.1%	57.7	57.8	0.0	0.0%
91.4%	57.1	57.6	0.5	0.9%
92.6%	57.1	57.5	0.4	0.8%
93.8%	56.9	56.9	-0.1	-0.1%
95.1%	56.9	56.8	0.0	0.0%
96.3%	56.7	56.7	0.0	0.1%
97.5%	56.4	56.3	-0.2	-0.3%
98.8%	56.2	56.1	-0.1	-0.3%
100.0%	54.2	54.2	0.0	0.0%

Table SQ-08-3b

Sacramento River below Hamilton City, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	64.0	64.4	0.3	0.5%
1.2%	64.0	63.8	-0.2	-0.2%
2.5%	63.9	63.3	-0.7	-1.0%
3.7%	63.4	63.0	-0.4	-0.7%
4.9%	63.2	62.9	-0.3	-0.5%
6.2%	62.5	62.8	0.3	0.5%
7.4%	62.3	62.7	0.5	0.7%
8.6%	62.2	62.6	0.4	0.7%
9.9%	62.1	62.1	-0.1	-0.1%
11.1%	62.1	62.0	-0.1	-0.2%
12.3%	62.1	62.0	-0.1	-0.2%
13.6%	62.0	61.7	-0.3	-0.5%
14.8%	62.0	61.6	-0.4	-0.6%
16.0%	61.8	61.6	-0.2	-0.3%
17.3%	61.7	61.6	-0.1	-0.2%
18.5%	61.7	61.5	-0.1	-0.2%
19.8%	61.6	61.5	0.0	0.0%
21.0%	61.4	61.5	0.1	0.1%
22.2%	61.4	61.5	0.1	0.2%
23.5%	61.4	61.5	0.1	0.1%
24.7%	61.3	61.4	0.0	0.1%
25.9%	61.2	61.2	0.0	0.0%
27.2%	61.2	61.1	0.0	-0.1%
28.4%	61.1	61.1	-0.1	-0.2%
29.6%	61.1	61.0	-0.1	-0.2%
30.9%	61.1	61.0	-0.1	-0.1%
32.1%	61.1	61.0	-0.1	-0.1%
33.3%	61.0	60.9	-0.2	-0.3%
34.6%	61.0	60.8	-0.2	-0.3%
35.8%	61.0	60.8	-0.2	-0.4%
37.0%	61.0	60.8	-0.2	-0.3%
38.3%	61.0	60.8	-0.2	-0.3%
39.5%	60.8	60.8	0.0	0.0%
40.7%	60.8	60.7	-0.1	-0.1%
42.0%	60.7	60.7	0.0	0.0%
43.2%	60.7	60.7	0.0	0.0%
44.4%	60.7	60.7	0.0	0.0%
45.7%	60.6	60.7	0.0	0.0%
46.9%	60.6	60.6	0.0	0.1%
48.1%	60.6	60.6	0.1	0.1%
49.4%	60.5	60.6	0.1	0.1%
50.6%	60.5	60.6	0.1	0.2%
51.9%	60.5	60.6	0.1	0.1%
53.1%	60.2	60.5	0.3	0.6%
54.3%	60.2	60.5	0.3	0.5%
55.6%	60.2	60.5	0.3	0.5%
56.8%	60.2	60.5	0.3	0.5%
58.0%	60.1	60.3	0.3	0.4%
59.3%	60.1	60.3	0.3	0.5%
60.5%	60.0	60.3	0.3	0.5%
61.7%	60.0	60.3	0.3	0.5%
63.0%	60.0	60.2	0.2	0.4%
64.2%	60.0	60.2	0.2	0.3%
65.4%	60.0	60.1	0.1	0.2%
66.7%	60.0	60.1	0.1	0.1%
67.9%	60.0	60.1	0.1	0.2%
69.1%	59.9	60.0	0.1	0.2%
70.4%	59.9	59.9	0.1	0.1%
71.6%	59.9	59.9	0.1	0.1%
72.8%	59.8	59.9	0.1	0.1%
74.1%	59.8	59.9	0.1	0.2%
75.3%	59.7	59.8	0.2	0.3%
76.5%	59.7	59.8	0.2	0.3%
77.8%	59.6	59.8	0.1	0.2%
79.0%	59.6	59.8	0.2	0.3%
80.2%	59.6	59.6	0.0	0.0%
81.5%	59.6	59.6	0.0	0.0%
82.7%	59.6	59.6	0.0	0.0%
84.0%	59.5	59.6	0.0	0.1%
85.2%	59.5	59.6	0.1	0.1%
86.4%	59.4	59.5	0.1	0.1%
87.7%	59.4	59.5	0.1	0.2%
88.9%	59.3	59.3	0.0	0.0%
90.1%	59.3	59.2	-0.1	-0.1%
91.4%	59.1	59.2	0.0	0.1%
92.6%	59.1	59.1	0.0	0.0%
93.8%	59.1	59.0	-0.1	-0.2%
95.1%	59.1	58.9	-0.2	-0.3%
96.3%	58.8	58.8	0.0	0.0%
97.5%	58.4	58.3	-0.1	-0.1%
98.8%	58.1	58.1	-0.1	-0.1%
100.0%	57.6	58.0	0.5	0.8%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.2	65.5	-0.7	-1.1%
1.2%	66.0	65.5	-0.6	-0.9%
2.5%	65.0	65.1	0.1	0.2%
3.7%	65.0	65.0	0.0	0.0%
4.9%	64.7	64.9	0.2	0.4%
6.2%	64.5	64.3	-0.2	-0.2%
7.4%	64.2	64.2	0.0	0.1%
8.6%	64.1	63.9	-0.2	-0.3%
9.9%	64.0	63.8	-0.2	-0.3%
11.1%	63.9	63.8	-0.1	-0.1%
12.3%	63.8	63.6	-0.2	-0.3%
13.6%	63.7	63.5	-0.3	-0.4%
14.8%	63.6	63.4	-0.2	-0.3%
16.0%	63.4	63.3	-0.1	-0.1%
17.3%	63.3	63.1	-0.2	-0.3%
18.5%	63.2	63.1	-0.2	-0.3%
19.8%	63.2	63.1	-0.1	-0.1%
21.0%	63.1	63.0	-0.1	-0.2%
22.2%	63.0	62.9	-0.1	-0.1%
23.5%	62.9	62.9	0.0	0.0%
24.7%	62.9	62.8	-0.1	-0.2%
25.9%	62.9	62.7	-0.2	-0.3%
27.2%	62.7	62.7	-0.1	-0.1%
28.4%	62.7	62.6	-0.1	-0.1%
29.6%	62.6	62.6	0.0	0.0%
30.9%	62.5	62.6	0.1	0.1%
32.1%	62.4	62.4	0.0	0.0%
33.3%	62.4	62.4	0.0	0.0%
34.6%	62.4	62.4	0.0	0.0%
35.8%	62.3	62.3	0.0	0.0%
37.0%	62.3	62.3	0.0	0.0%
38.3%	62.2	62.2	-0.1	-0.1%
39.5%	62.1	62.1	0.0	0.1%
40.7%	61.9	62.1	0.1	0.2%
42.0%	61.8	62.0	0.2	0.3%
43.2%	61.8	61.9	0.1	0.2%
44.4%	61.6	61.9	0.3	0.4%
45.7%	61.6	61.8	0.3	0.4%
46.9%	61.5	61.8	0.3	0.5%
48.1%	61.3	61.8	0.4	0.7%
49.4%	61.3	61.7	0.3	0.6%
50.6%	61.3	61.7	0.3	0.5%
51.9%	61.3	61.6	0.3	0.5%
53.1%	61.2	61.5	0.3	0.5%
54.3%	61.2	61.4	0.2	0.3%
55.6%	61.2	61.2	0.0	0.0%
56.8%	61.2	61.1	0.0	-0.1%
58.0%	61.1	61.1	0.0	0.0%
59.3%	61.1	61.1	0.0	0.0%
60.5%	61.1	61.1	0.0	0.0%
61.7%	61.1	61.0	-0.1	-0.1%
63.0%	61.1	61.0	-0.1	-0.2%
64.2%	61.0	60.9	-0.1	-0.1%
65.4%	61.0	60.9	0.0	-0.1%
66.7%	60.9	60.9	0.0	0.1%
67.9%	60.8	60.9	0.1	0.1%
69.1%	60.7	60.8	0.1	0.1%
70.4%	60.7	60.8	0.1	0.1%
71.6%	60.7	60.8	0.1	0.1%
72.8%	60.5	60.7	0.2	0.3%
74.1%	60.5	60.7	0.2	0.3%
75.3%	60.4	60.7	0.3	0.4%
76.5%	60.4	60.7	0.3	0.4%
77.8%	60.4	60.7	0.3	0.5%
79.0%	60.4	60.7	0.3	0.5%
80.2%	60.3	60.5	0.3	0.4%
81.5%	60.3	60.5	0.2	0.4%
82.7%	60.2	60.5	0.3	0.4%
84.0%	60.1	60.4	0.3	0.5%
85.2%	60.1	60.3	0.1	0.2%
86.4%	60.0	59.9	-0.1	-0.1%
87.7%	59.9	59.8	-0.1	-0.1%
88.9%	59.9	59.7	-0.2	-0.3%
90.1%	59.8	59.6	-0.2	-0.3%
91.4%	59.8	59.6	-0.2	-0.3%
92.6%	59.7	59.5	-0.2	-0.3%
93.8%	59.5	59.5	0.0	-0.1%
95.1%	59.4	59.4	0.0	0.0%
96.3%	59.3	59.3	0.0	0.0%
97.5%	59.2	59.1	-0.1	-0.1%
98.8%	59.1	58.9	-0.3	-0.5%
100.0%	58.8	58.6	-0.3	-0.5%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	69.7	68.7	-0.9	-1.3%
1.2%	69.6	67.1	-2.5	-3.7%
2.5%	68.1	66.7	-1.5	-2.2%
3.7%	67.2	66.3	-0.9	-1.3%
4.9%	66.3	64.5	-1.8	-2.7%
6.2%	65.3	64.4	-0.9	-1.4%
7.4%	65.0	64.4	-0.6	-0.9%
8.6%	64.9	64.2	-0.7	-1.1%
9.9%	64.6	63.9	-0.7	-1.1%
11.1%	64.5	63.8	-0.7	-1.1%
12.3%	64.5	63.8	-0.7	-1.1%
13.6%	64.2	63.6	-0.7	-1.1%
14.8%	64.0	63.5	-0.4	-0.6%
16.0%	63.9	63.5	-0.4	-0.6%
17.3%	63.8	63.3	-0.6	-0.9%
18.5%	63.7	63.2	-0.5	-0.8%
19.8%	63.7	63.2	-0.5	-0.8%
21.0%	63.6	63.1	-0.5	-0.8%
22.2%	63.6	63.1	-0.5	-0.8%
23.5%	63.4	63.0	-0.4	-0.6%
24.7%	63.1	63.0	-0.1	-0.2%
25.9%	63.1	62.9	-0.2	-0.3%
27.2%	63.0	62.9	-0.1	-0.1%
28.4%	62.8	62.9	0.1	0.2%
29.6%	62.6	62.8	0.2	0.2%
30.9%	62.6	62.7	0.1	0.2%
32.1%	62.6	62.6	0.1	0.1%
33.3%	62.5	62.6	0.1	0.1%
34.6%	62.5	62.6	0.0	0.0%
35.8%	62.5	62.6	0.0	0.1%
37.0%	62.5	62.5	0.0	0.0%
38.3%	62.5	62.4	0.0	0.0%
39.5%	62.4	62.3	-0.1	-0.2%
40.7%	62.4	62.3	-0.1	-0.1%
42.0%	62.4	62.3	-0.1	-0.1%
43.2%	62.2	62.3	0.1	0.2%
44.4%	62.2	62.2	0.1	0.1%
45.7%	62.1	62.2	0.1	0.1%
46.9%	62.1	62.1	0.0	0.0%
48.1%	61.9	62.1	0.1	0.2%
49.4%	61.9	62.0	0.1	0.2%
50.6%	61.9	62.0	0.1	0.2%
51.9%	61.9	62.0	0.1	0.2%
53.1%	61.8	62.0	0.2	0.3%
54.3%	61.8	61.9	0.1	0.2%
55.6%	61.8	61.9	0.1	0.2%
56.8%	61.8	61.8	0.1	0.1%
58.0%	61.8	61.8	0.1	0.1%
59.3%	61.7	61.8	0.1	0.1%
60.5%	61.7	61.8	0.1	0.1%
61.7%	61.7	61.7	0.0	0.0%
63.0%	61.7	61.7	0.0	0.0%
64.2%	61.7	61.6	0.0	0.0%
65.4%	61.6	61.6	0.1	0.1%
66.7%	61.5	61.6	0.1	0.2%
67.9%	61.5	61.5	0.1	0.1%
69.1%	61.5	61.5	0.0	0.1%
70.4%	61.4	61.5	0.1	0.1%
71.6%	61.3	61.5	0.1	0.2%
72.8%	61.3	61.4	0.1	0.2%
74.1%	61.3	61.4	0.2	0.2%
75.3%	61.2	61.3	0.1	0.1%
76.5%	61.2	61.3	0.1	0.1%
77.8%	61.2	61.3	0.1	0.2%
79.0%	61.1	61.3	0.2	0.3%
80.2%	61.0	61.3	0.3	0.5%
81.5%	61.0	61.1	0.2	0.3%
82.7%	60.9	61.1	0.2	0.3%
84.0%	60.7	61.1	0.4	0.6%
85.2%	60.6	61.0	0.4	0.6%
86.4%	60.5	61.0	0.5	0.8%
87.7%	60.4	60.9	0.5	0.8%
88.9%	60.3	60.8	0.5	0.8%
90.1%	60.3	60.7	0.4	0.7%
91.4%	60.2	60.3	0.1	0.2%
92.6%	60.2	60.2	0.0	0.0%
93.8%	60.1	60.1	0.0	0.0%
95.1%	59.9	60.1	0.1	0.2%
96.3%	59.8	60.0	0.2	0.3%
97.5%	59.7	60.0	0.4	0.6%
98.8%	59.6	59.8	0.3	0.4%
100.0%	59.6	59.7	0.1	0.2%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.8	67.3	-0.5	-0.7%
1.2%	66.9	66.4	-0.4	-0.6%
2.5%	66.8	66.0	-0.9	-1.3%
3.7%	66.8	65.8	-1.0	-1.5%
4.9%	66.7	65.8	-0.9	-1.3%
6.2%	66.5	65.4	-1.1	-1.6%
7.4%	65.9	64.6	-1.3	-2.0%
8.6%	65.3	64.5	-0.8	-1.3%
9.9%	64.8	64.5	-0.3	-0.4%
11.1%	64.4	64.4	0.0	0.1%
12.3%	64.3	64.2	-0.1	-0.1%
13.6%	64.2	63.6	-0.6	-0.9%
14.8%	64.1	63.3	-0.7	-1.1%
16.0%	64.0	63.3	-0.7	-1.1%
17.3%	63.3	63.1	-0.2	-0.3%
18.5%	63.2	63.0	-0.3	-0.4%
19.8%	63.2	62.8	-0.4	-0.6%
21.0%	63.0	62.7	-0.2	-0.4%
22.2%	62.8	62.6	-0.2	-0.4%
23.5%	62.8	62.5	-0.3	-0.5%
24.7%	62.6	62.5	-0.2	-0.3%
25.9%	62.6	62.4	-0.1	-0.2%
27.2%	62.6	62.3	-0.2	-0.4%
28.4%	62.4	62.2	-0.2	-0.4%
29.6%	62.4	62.2	-0.2	-0.4%
30.9%	62.4	62.0	-0.4	-0.6%
32.1%	62.3	62.0	-0.4	-0.6%
33.3%	62.3	61.9	-0.4	-0.7%
34.6%	62.2	61.8	-0.3	-0.5%
35.8%	62.1	61.8	-0.3	-0.4%
37.0%	62.1	61.8	-0.3	-0.4%
38.3%	62.0	61.8	-0.3	-0.4%
39.5%	62.0	61.7	-0.3	-0.5%
40.7%	61.8	61.5	-0.3	-0.5%
42.0%	61.7	61.4	-0.3	-0.6%
43.2%	61.6	61.4	-0.3	-0.5%
44.4%	61.5	61.3	-0.3	-0.4%
45.7%	61.5	61.2	-0.3	-0.4%
46.9%	61.5	61.1	-0.3	-0.5%
48.1%	61.4	61.1	-0.3	-0.5%
49.4%	61.4	61.1	-0.3	-0.5%
50.6%	61.4	61.1	-0.3	-0.5%
51.9%	61.2	61.1	-0.1	-0.2%
53.1%	61.0	61.1	0.1	0.1%
54.3%	60.9	61.0	0.1	0.1%
55.6%	60.8	60.9	0.1	0.2%
56.8%	60.7	60.9	0.2	0.4%
58.0%	60.7	60.8	0.2	0.3%
59.3%	60.6	60.8	0.2	0.4%
60.5%	60.6	60.7	0.2	0.3%
61.7%	60.6	60.7	0.2	0.3%
63.0%	60.5	60.7	0.2	0.3%
64.2%	60.4	60.6	0.2	0.3%
65.4%	60.3	60.4	0.1	0.1%
66.7%	60.1	60.2	0.1	0.2%
67.9%	60.0	60.2	0.2	0.3%
69.1%	59.9	60.0	0.1	0.2%
70.4%	59.8	59.9	0.1	0.2%
71.6%	59.6	59.9	0.3	0.5%
72.8%	59.6	59.7	0.1	0.2%
74.1%	59.5	59.7	0.1	0.2%
75.3%	59.3	59.6	0.3	0.5%
76.5%	59.2	59.6	0.4	0.7%
77.8%	59.2	59.5	0.3	0.5%
79.0%	59.2	59.3	0.1	0.1%
80.2%	59.1	59.2	0.0	0.1%
81.5%	59.1	59.2	0.1	0.1%
82.7%	59.1	59.1	0.1	0.1%
84.0%	58.9	59.1	0.2	0.3%
85.2%	58.8	59.0	0.1	0.2%
86.4%	58.8	58.9	0.1	0.1%
87.7%	58.8	58.9	0.1	0.1%
88.9%	58.7	58.8	0.1	0.2%
90.1%	58.7	58.8	0.1	0.2%
91.4%	58.6	58.8	0.2	0.3%
92.6%	58.5	58.4	-0.1	-0.3%
93.8%	58.5	58.3	-0.1	-0.2%
95.1%	58.2	58.1	-0.1	-0.1%
96.3%	58.0	58.0	0.0	0.0%
97.5%	57.3	57.3	0.0	0.0%
98.8%	57.0	56.9	-0.1	-0.1%
100.0%	56.8	56.8	0.0	0.0%

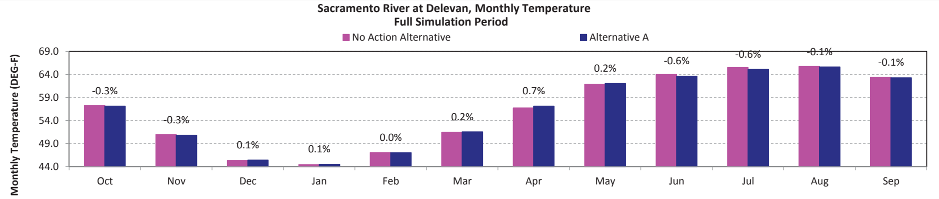
Table SQ-09-3a
Sacramento River at Delevan, Monthly Temperature
Long-term Average and Average by Water Year Type

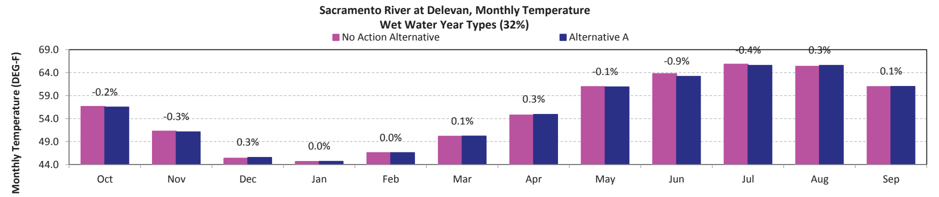
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	57.3	51.0	45.3	44.4	47.0	51.4	56.7	61.9	64.0	65.5	65.7	63.4
Alternative A	57.1	50.8	45.4	44.5	47.0	51.5	57.1	62.0	63.6	65.1	65.6	63.3
Difference	-0.2	-0.1	0.1	0.1	0.0	0.1	0.4	0.2	-0.4	-0.4	-0.1	-0.1
Percent Difference[3]	-0.3%	-0.3%	0.1%	0.1%	0.0%	0.2%	0.7%	0.2%	-0.6%	-0.6%	-0.1%	-0.1%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	56.6	51.3	45.4	44.7	46.6	50.2	54.8	61.0	63.8	65.9	65.4	60.9
Alternative A	56.5	51.1	45.5	44.7	46.6	50.2	54.9	60.9	63.2	65.6	65.6	61.0
Difference	-0.1	-0.2	0.2	0.0	0.0	0.0	0.2	-0.1	-0.6	-0.3	0.2	0.0
Percent Difference	-0.2%	-0.3%	0.3%	0.0%	0.0%	0.1%	0.3%	-0.1%	-0.9%	-0.4%	0.3%	0.1%
Above Normal (15%)												
No Action Alternative	56.8	50.6	45.7	44.8	46.9	51.3	56.8	62.7	64.0	64.7	65.5	62.8
Alternative A	56.7	50.5	45.8	44.8	46.9	51.4	57.1	62.5	63.7	64.3	65.7	63.2
Difference	-0.1	-0.1	0.1	0.0	0.0	0.1	0.3	-0.2	-0.3	-0.4	0.2	0.3
Percent Difference	-0.2%	-0.2%	0.3%	0.1%	0.0%	0.1%	0.5%	-0.2%	-0.5%	-0.6%	0.3%	0.5%
Below Normal (17%)												
No Action Alternative	56.6	50.7	45.5	44.2	46.5	51.5	57.6	62.3	63.7	65.0	65.2	64.1
Alternative A	56.3	50.6	45.5	44.2	46.5	51.6	58.2	62.7	63.5	64.6	65.4	63.8
Difference	-0.3	-0.1	0.0	0.0	0.0	0.1	0.6	0.4	-0.2	-0.4	0.1	-0.3
Percent Difference	-0.5%	-0.2%	-0.1%	0.0%	0.0%	0.2%	1.1%	0.6%	-0.3%	-0.6%	0.2%	-0.5%
Dry (22%)												
No Action Alternative	57.6	51.2	45.3	44.1	47.3	52.2	58.1	62.0	64.2	64.9	65.4	64.7
Alternative A	57.5	51.0	45.3	44.3	47.2	52.4	58.9	62.4	64.0	64.5	65.3	64.6
Difference	-0.1	-0.2	0.0	0.2	-0.1	0.1	0.8	0.4	-0.3	-0.5	-0.1	-0.1
Percent Difference	-0.2%	-0.4%	-0.1%	0.4%	-0.1%	0.2%	1.3%	0.7%	-0.4%	-0.7%	-0.1%	-0.1%
Critical (15%)												
No Action Alternative	59.6	50.7	44.7	44.3	48.2	53.1	57.8	62.3	64.3	66.8	67.8	66.2
Alternative A	59.3	50.5	44.7	44.4	48.2	53.2	58.1	62.6	64.0	66.3	66.4	65.7
Difference	-0.2	-0.2	0.0	0.1	0.0	0.1	0.3	0.3	-0.3	-0.5	-1.3	-0.5
Percent Difference	-0.4%	-0.4%	0.1%	0.3%	0.0%	0.2%	0.5%	0.5%	-0.5%	-0.7%	-2.0%	-0.8%

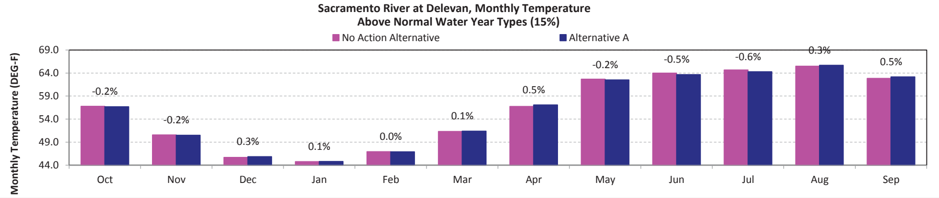
1 Based on the 82-year simulation period

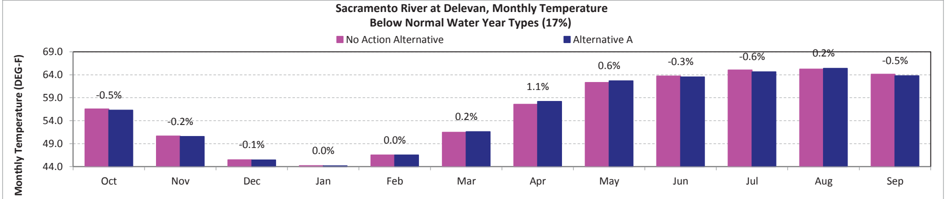
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

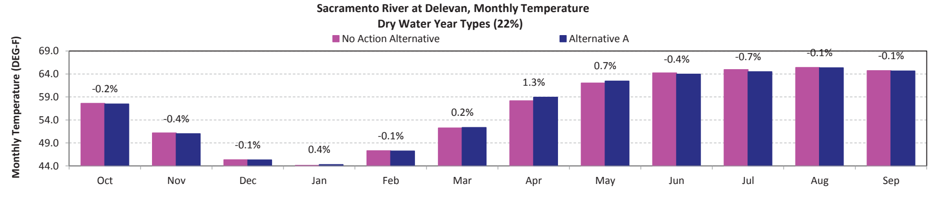
3 Relative difference of the monthly average


Sacramento River at Delevan, Monthly Temperature
Full Simulation Period


Sacramento River at Delevan, Monthly Temperature
Wet Water Year Types (32%)


Sacramento River at Delevan, Monthly Temperature
Above Normal Water Year Types (15%)


Sacramento River at Delevan, Monthly Temperature
Below Normal Water Year Types (17%)


Sacramento River at Delevan, Monthly Temperature
Dry Water Year Types (22%)

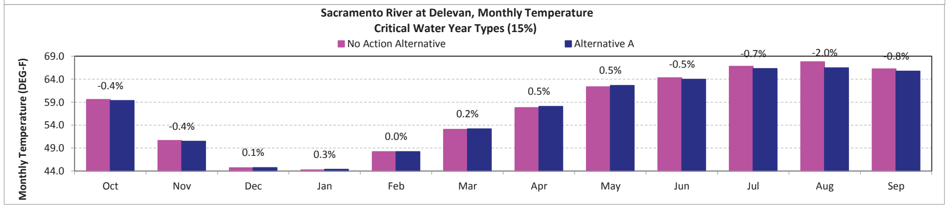

Sacramento River at Delevan, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-09-3b
Sacramento River at Delevan, Monthly Temperature
Probability of Exceedance

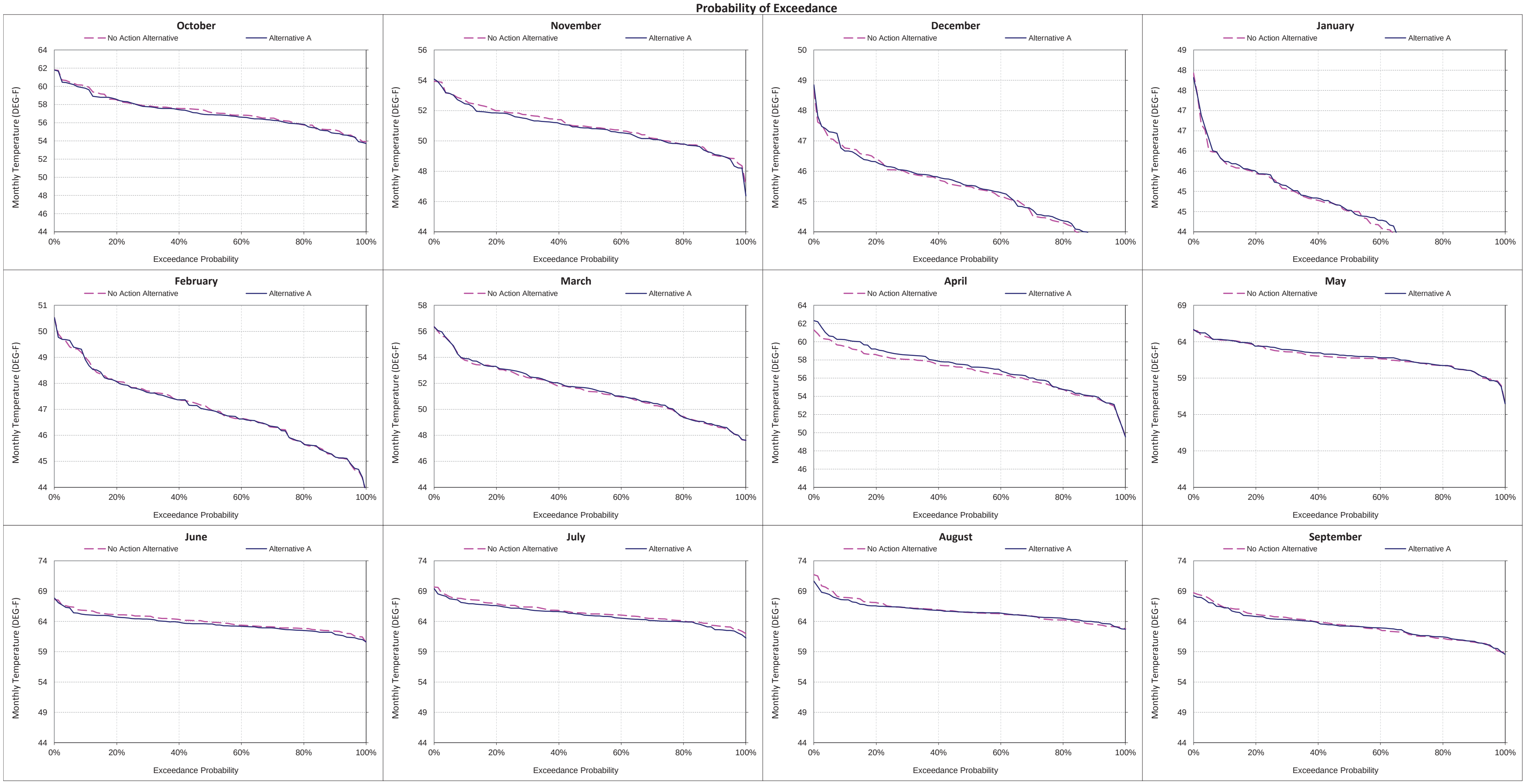


Table SQ-09-3b

Sacramento River at Delevan, Monthly Temperature

Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	61.8	61.8	0.0	0.0%
1.2%	61.8	61.7	-0.1	-0.1%
2.5%	60.7	60.4	-0.3	-0.4%
3.7%	60.7	60.4	-0.2	-0.4%
4.9%	60.5	60.3	-0.2	-0.3%
6.2%	60.3	60.2	-0.2	-0.3%
7.4%	60.2	60.0	-0.2	-0.3%
8.6%	60.2	59.9	-0.3	-0.5%
9.9%	60.1	59.8	-0.3	-0.4%
11.1%	59.9	59.6	-0.3	-0.4%
12.3%	59.4	58.9	-0.5	-0.8%
13.6%	59.3	58.9	-0.5	-0.8%
14.8%	59.2	58.8	-0.4	-0.6%
16.0%	59.1	58.8	-0.3	-0.6%
17.3%	58.6	58.8	0.2	0.3%
18.5%	58.6	58.7	0.1	0.2%
19.8%	58.6	58.6	0.1	0.1%
21.0%	58.3	58.4	0.1	0.1%
22.2%	58.3	58.4	0.1	0.2%
23.5%	58.2	58.3	0.1	0.2%
24.7%	58.1	58.2	0.1	0.1%
25.9%	58.0	58.1	0.0	0.1%
27.2%	58.0	57.9	-0.1	-0.1%
28.4%	57.9	57.8	-0.1	-0.2%
29.6%	57.9	57.8	-0.1	-0.2%
30.9%	57.8	57.7	-0.1	-0.1%
32.1%	57.8	57.7	-0.1	-0.1%
33.3%	57.7	57.6	-0.1	-0.2%
34.6%	57.7	57.6	-0.1	-0.2%
35.8%	57.7	57.6	-0.1	-0.2%
37.0%	57.6	57.6	-0.1	-0.2%
38.3%	57.6	57.5	0.0	-0.1%
39.5%	57.6	57.4	-0.1	-0.2%
40.7%	57.6	57.4	-0.2	-0.3%
42.0%	57.6	57.4	-0.2	-0.3%
43.2%	57.5	57.2	-0.3	-0.5%
44.4%	57.5	57.1	-0.4	-0.7%
45.7%	57.5	57.1	-0.4	-0.6%
46.9%	57.4	57.0	-0.5	-0.9%
48.1%	57.4	56.9	-0.5	-0.8%
49.4%	57.2	56.9	-0.3	-0.5%
50.6%	57.1	56.9	-0.2	-0.4%
51.9%	57.1	56.9	-0.2	-0.4%
53.1%	57.0	56.8	-0.2	-0.3%
54.3%	57.0	56.8	-0.2	-0.4%
55.6%	57.0	56.8	-0.2	-0.3%
56.8%	56.9	56.7	-0.1	-0.2%
58.0%	56.8	56.7	-0.1	-0.2%
59.3%	56.8	56.6	-0.2	-0.3%
60.5%	56.8	56.6	-0.2	-0.4%
61.7%	56.8	56.6	-0.3	-0.4%
63.0%	56.8	56.5	-0.3	-0.5%
64.2%	56.7	56.4	-0.3	-0.5%
65.4%	56.6	56.4	-0.2	-0.4%
66.7%	56.5	56.4	-0.1	-0.2%
67.9%	56.5	56.3	-0.2	-0.3%
69.1%	56.5	56.3	-0.2	-0.3%
70.4%	56.5	56.2	-0.3	-0.5%
71.6%	56.3	56.2	-0.1	-0.2%
72.8%	56.3	56.1	-0.1	-0.2%
74.1%	56.2	56.0	-0.2	-0.3%
75.3%	56.2	55.9	-0.2	-0.4%
76.5%	56.0	55.9	-0.1	-0.2%
77.8%	55.9	55.9	0.0	-0.1%
79.0%	55.8	55.9	0.0	0.1%
80.2%	55.7	55.8	0.0	0.1%
81.5%	55.7	55.5	-0.2	-0.4%
82.7%	55.7	55.5	-0.3	-0.5%
84.0%	55.3	55.4	0.1	0.2%
85.2%	55.3	55.2	-0.1	-0.2%
86.4%	55.3	55.2	-0.1	-0.2%
87.7%	55.2	55.1	-0.1	-0.2%
88.9%	55.2	54.9	-0.3	-0.6%
90.1%	55.2	54.8	-0.4	-0.6%
91.4%	55.1	54.8	-0.3	-0.5%
92.6%	54.8	54.7	-0.1	-0.2%
93.8%	54.6	54.6	0.0	0.0%
95.1%	54.6	54.5	-0.1	-0.3%
96.3%	54.4	54.4	0.0	0.1%
97.5%	54.3	53.9	-0.4	-0.7%
98.8%	53.9	53.8	-0.1	-0.2%
100.0%	53.9	53.7	0.0	-0.4%

November				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	53.9	54.1	0.1	0.3%
1.2%	53.9	53.9	0.0	0.0%
2.5%	53.9	53.6	-0.3	-0.5%
3.7%	53.2	53.2	0.0	0.0%
4.9%	53.1	53.1	0.0	0.0%
6.2%	53.0	53.0	0.0	0.0%
7.4%	52.9	52.7	-0.1	-0.3%
8.6%	52.8	52.6	-0.2	-0.3%
9.9%	52.7	52.4	-0.2	-0.4%
11.1%	52.5	52.4	-0.1	-0.2%
12.3%	52.5	52.3	-0.2	-0.4%
13.6%	52.4	51.9	-0.5	-0.9%
14.8%	52.4	51.9	-0.4	-0.8%
16.0%	52.3	51.9	-0.4	-0.7%
17.3%	52.2	51.9	-0.4	-0.7%
18.5%	52.1	51.9	-0.2	-0.5%
19.8%	52.0	51.8	-0.2	-0.3%
21.0%	52.0	51.8	-0.2	-0.3%
22.2%	51.9	51.8	-0.1	-0.2%
23.5%	51.9	51.8	-0.1	-0.2%
24.7%	51.8	51.7	-0.1	-0.3%
25.9%	51.8	51.6	-0.2	-0.5%
27.2%	51.8	51.6	-0.3	-0.5%
28.4%	51.7	51.5	-0.2	-0.4%
29.6%	51.7	51.5	-0.3	-0.5%
30.9%	51.7	51.4	-0.3	-0.5%
32.1%	51.6	51.3	-0.3	-0.6%
33.3%	51.6	51.3	-0.3	-0.6%
34.6%	51.5	51.3	-0.2	-0.5%
35.8%	51.5	51.3	-0.3	-0.5%
37.0%	51.5	51.3	-0.2	-0.4%
38.3%	51.4	51.2	-0.2	-0.5%
39.5%	51.4	51.2	-0.2	-0.4%
40.7%	51.4	51.1	-0.3	-0.5%
42.0%	51.2	51.1	-0.1	-0.3%
43.2%	51.1	51.0	0.0	0.0%
44.4%	51.0	50.9	-0.1	-0.2%
45.7%	51.0	50.9	-0.1	-0.1%
46.9%	51.0	50.9	-0.1	-0.2%
48.1%	51.0	50.9	-0.1	-0.2%
49.4%	50.9	50.9	-0.1	-0.2%
50.6%	50.9	50.8	-0.1	-0.2%
51.9%	50.9	50.8	-0.1	-0.1%
53.1%	50.9	50.8	-0.1	-0.1%
54.3%	50.8	50.8	-0.1	-0.1%
55.6%	50.8	50.7	0.0	-0.1%
56.8%	50.8	50.6	-0.1	-0.3%
58.0%	50.7	50.6	-0.1	-0.2%
59.3%	50.7	50.5	-0.2	-0.4%
60.5%	50.7	50.5	-0.1	-0.2%
61.7%	50.6	50.5	-0.1	-0.3%
63.0%	50.6	50.5	-0.1	-0.2%
64.2%	50.5	50.3	-0.2	-0.4%
65.4%	50.5	50.2	-0.3	-0.6%
66.7%	50.4	50.2	-0.2	-0.5%
67.9%	50.4	50.2	-0.2	-0.5%
69.1%	50.2	50.2	0.0	-0.1%
70.4%	50.2	50.1	-0.1	-0.2%
71.6%	50.1	50.1	-0.1	-0.1%
72.8%	50.0	50.1	0.0	0.0%
74.1%	50.0	50.0	-0.1	-0.1%
75.3%	50.0	49.9	-0.1	-0.3%
76.5%	49.9	49.8	-0.1	-0.1%
77.8%	49.9	49.8	0.0	-0.1%
79.0%	49.8	49.8	0.0	0.0%
80.2%	49.8	49.8	0.0	0.0%
81.5%	49.7	49.7	0.0	-0.1%
82.7%	49.7	49.7	0.0	-0.1%
84.0%	49.7	49.7	-0.1	-0.1%
85.2%	49.7	49.6	-0.1	-0.1%
86.4%	49.6	49.4	-0.2	-0.4%
87.7%	49.3	49.3	0.0	0.0%
88.9%	49.1	49.2	0.1	0.3%
90.1%	49.1	49.1	0.1	0.1%
91.4%	49.0	49.1	0.1	0.2%
92.6%	49.0	49.0	0.0	0.0%
93.8%	48.9	48.9	0.0	0.0%
95.1%	48.8	48.8	-0.1	-0.1%
96.3%	48.8	48.3	-0.5	-1.0%
97.5%	48.5	48.2	-0.3	-0.6%
98.8%	48.4	48.2	-0.2	-0.3%
100.0%	47.1	46.4	-0.7	-1.6%

December				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	48.7	48.8	0.2	0.4%
1.2%	47.6	47.8	0.2	0.4%
2.5%	47.5	47.5	-0.1	-0.1%
3.7%	47.3	47.4	0.1	0.2%
4.9%	47.1	47.3	0.2	0.5%
6.2%	47.1	47.3	0.2	0.5%
7.4%	46.9	47.3	0.3	0.7%
8.6%	46.9	46.8	-0.1	-0.3%
9.9%	46.8	46.7	-0.1	-0.2%
11.1%	46.7	46.7	-0.1	-0.2%
12.3%	46.7	46.6	-0.1	-0.2%
13.6%	46.7	46.6	-0.1	-0.3%
14.8%	46.6	46.5	-0.1	-0.3%
16.0%	46.5	46.4	-0.2	-0.3%
17.3%	46.5	46.4	-0.2	-0.4%
18.5%	46.5	46.3	-0.2	-0.4%
19.8%	46.4	46.3	-0.1	-0.2%
21.0%	46.4	46.2	-0.1	-0.2%
22.2%	46.2	46.2	0.0	-0.1%
23.5%	46.1	46.2	0.1	0.2%
24.7%	46.0	46.1	0.1	0.2%
25.9%	46.0	46.1	0.1	0.2%
27.2%	46.0	46.1	0.0	0.1%
28.4%	46.0	46.0	0.0	0.0%
29.6%	46.0	46.0	0.1	0.1%
30.9%	45.9	46.0	0.1	0.2%
32.1%	45.9	45.9	0.0	0.1%
33.3%	45.9	45.9	0.0	0.1%
34.6%	45.9	45.9	0.0	0.1%
35.8%	45.8	45.9	0.1	0.1%
37.0%	45.8	45.9	0.1	0.1%
38.3%	45.8	45.8	0.0	0.0%
39.5%	45.8	45.8	0.1	0.2%
40.7%	45.7	45.8	0.1	0.2%
42.0%	45.7	45.8	0.1	0.2%
43.2%	45.6	45.7	0.2	0.4%
44.4%	45.6	45.7	0.1	0.3%
45.7%	45.5	45.7	0.1	0.3%
46.9%	45.5	45.6	0.1	0.2%
48.1%	45.5	45.6	0.0	0.1%
49.4%	45.5	45.5	0.0	0.1%
50.6%	45.5	45.5	0.0	0.1%
51.9%	45.4	45.5	0.1	0.2%
53.1%	45.4	45.4	0.0	0.1%
54.3%	45.4	45.4	0.0	0.1%
55.6%	45.4	45.4	0.0	0.1%
56.8%	45.3	45.4	0.0	0.1%
58.0%	45.3	45.3	0.1	0.1%
59.3%	45.2	45.3	0.1	0.3%
60.5%	45.2	45.3	0.1	0.3%
61.7%	45.1	45.2	0.1	0.3%
63.0%	45.1	45.1	0.1	0.2%
64.2%	45.0	45.0	0.0	0.0%
65.4%	45.0	44.8	-0.2	-0.4%
66.7%	44.9	44.8	-0.1	-0.2%
67.9%	44.8	44.8	0.0	-0.1%
69.1%	44.7	44.8	0.1	0.1%
70.4%	44.5	44.7	0.2	0.5%
71.6%	44.5	44.6	0.1	0.2%
72.8%	44.5	44.6	0.1	0.2%
74.1%	44.5	44.5	0.1	0.1%
75.3%	44.4	44.5	0.1	0.2%
76.5%	44.4	44.5	0.1	0.3%
77.8%	44.3	44.4	0.1	0.2%
79.0%	44.3	44.4	0.1	0.2%
80.2%	44.3	44.4	0.1	0.1%
81.5%	44.2	44.3	0.1	0.2%
82.7%	44.2	44.3	0.1	0.2%
84.0%	44.0	44.1	0.1	0.2%
85.2%	44.0	44.1	0.1	0.3%
86.4%	43.8	44.0	0.2	0.4%
87.7%	43.8	44.0	0.2	0.4%
88.9%	43.7	43.8	0.2	0.4%
90.1%	43.6	43.8	0.2	0.5%
91.4%	43.5	43.8	0.3	0.6%
92.6%	43.5	43.8	0.3	0.7%
93.8%	43.4	43.6	0.2	0.4%
95.1%	43.4	43.6	0.2	0.4%
96.3%	43.4	43.6	0.2	0.4%
97.5%	43.2	43.5	0.3	0.7%
98.8%	43.0	42.6	-0.4	-1.0%
100.0%	41.6	41.7	0.1	0.2%

January				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	47.9	47.8	-0.1	-0.2%
1.2%	47.4	47.4	0.0	0.0%
2.5%	46.7	46.9	0.2	0.5%
3.7%	46.5	46.6	0.1	0.1%
4.9%	46.0	46.3	0.3	0.7%
6.2%	46.0	46.0	0.0	0.1%
7.4%	46.0	46.0	0.0	0.0%
8.6%	45.8	45.8	0.0	0.0%
9.9%	45.7	45.7	0.0	0.0%
11.1%	45.6	45.7	0.1	0.2%
12.3%	45.6	45.7	0.1	0.1%
13.6%	45.6	45.7	0.1	0.2%
14.8%	45.6	45.6	0.1	0.1%
16.0%	45.6	45.6	0.0	0.0%
17.3%	45.5	45.6	0.0	0.1%
18.5%	45.5	45.5	0.0	0.0%
19.8%	45.4	45.5	0.1	0.2%
21.0%	45.4	45.4	0.0	0.0%
22.2%	45.4	45.4	0.0	0.0%
23.5%	45.4	45.4	0.0	0.0%
24.7%	45.3	45.4	0.1	0.2%
25.9%	45.3	45.2	-0.1	-0.1%
27.2%	45.2	45.2	0.0	0.0%
28.4%	45.1	45.2	0.1	0.2%
29.6%	45.1	45.1	0.1	0.2%
30.9%	45.0	45.1	0.1	0.2%
32.1%	45.0	45.0	0.0	0.0%
33.3%	45.0	45.0	0.1	0.1%
34.6%	44.9	44.9	0.0	0.0%
35.8%	44.9	44.9	0.0	0.1%
37.0%	44.8	44.9	0.0	0.1%
38.3%	44.8	44.8	0.0	0.0%
39.5%	44.8	44.8	0.0	0.1%
40.7%	44.8	44.8	0.1	0.1%
42.0%	44.7	44.8	0.0	0.1%
43.2%	44.7	44.8	0.1	0.1%
44.4%	44.7	44.7	0.0	0.0%
45.7%	44.7	44.7	0.0	0.0%
46.9%	44.6	44.7	0.0	0.0%
48.1%	44.6	44.6	0.1	0.1%
49.4%	44.5	44.5	0.0	0.0%
50.6%	44.5	44.5	0.0	0.0%
51.9%	44.5	44.4	-0.1	-0.1%
53.1%	44.5	44.4	-0.1	-0.2%
54.3%	44.4	44.4	0.0	0.1%
55.6%	44.3	44.4	0.1	0.1%
56.8%	44.2	44.4	0.1	0.3%
58.0%	44.2	44.4	0.2	0.4%
59.3%	44.2	44.3	0.1	0.2%
60.5%	44.1	44.3	0.2	0.5%
61.7%	44.1	44.3	0.2	0.5%
63.0%	44.0	44.2	0.1	0.3%
64.2%	44.0	44.1	0.2	0.4%
65.4%	43.9	43.9	0.0	-0.1%
66.7%	43.9	43.8	-0.1	-0.1%
67.9%	43.9	43.8	-0.1	-0.2%
69.1%	43.8	43.7	0.0	0.0%
70.4%	43.7	43.7	0.1	0.1%
71.6%	43.6	43.7	0.0	0.0%
72.8%	43.5	43.7	0.1	0.2%
74.1%	43.5	43.6	0.1	0.3%
75.3%	43.5	43.6	0.1	0.3%
76.5%	43.4	43.6	0.2	0.4%
77.8%	43.4	43.6	0.2	0.5%
79.0%	43.3	43.5	0.2	0.4%
80.2%	43.3	43.5	0.2	0.5%
81.5%	43.2	43.4	0.2	0.4%
82.7%	43.2	43.4	0.2	0.5%
84.0%	43.1	43.3	0.2	0.5%
85.2%	43.1	43.3	0.2	0.5%
86.4%	43.1	43.2	0.1	0.3%
87.7%	43.1	43.2	0.1	0.2%
88.9%	43.0	43.1	0.1	0.1%
90.1%	42.8	42.9	0.1	0.3%
91.4%	42.8	42.9	0.1	0.2%
92.6%	42.7	42.7	0.0	-0.1%
93.8%	42.7	42.7	0.0	-0.1%
95.1%	42.7	42.6	-0.1	-0.2%
96.3%	42.4	42.4	0.1	0.2%
97.5%	42.2	42.0	-0.1	-0.3%
98.8%	41.8	41.8	0.0	0.1%
100.0%	41.5	41.8	0.3	0.8%

Table SQ-09-3b

Sacramento River at Delevan, Monthly Temperature
Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.5	50.5	0.0	0.0%
1.2%	49.9	49.8	-0.1	-0.3%
2.5%	49.7	49.7	0.0	-0.1%
3.7%	49.6	49.7	0.1	0.1%
4.9%	49.4	49.7	0.3	0.5%
6.2%	49.3	49.4	0.1	0.1%
7.4%	49.3	49.4	0.0	0.1%
8.6%	49.2	49.3	0.1	0.2%
9.9%	49.0	48.9	-0.1	-0.2%
11.1%	48.8	48.7	-0.2	-0.3%
12.3%	48.6	48.5	0.0	-0.1%
13.6%	48.4	48.5	0.1	0.2%
14.8%	48.4	48.4	0.1	0.2%
16.0%	48.3	48.2	-0.1	-0.2%
17.3%	48.2	48.2	0.0	0.0%
18.5%	48.2	48.1	0.0	0.0%
19.8%	48.1	48.1	0.0	0.0%
21.0%	48.1	48.0	-0.1	-0.2%
22.2%	48.0	47.9	-0.1	-0.2%
23.5%	47.9	47.9	0.0	0.0%
24.7%	47.8	47.8	0.0	0.0%
25.9%	47.8	47.8	0.0	0.0%
27.2%	47.8	47.8	-0.1	-0.1%
28.4%	47.8	47.7	-0.1	-0.1%
29.6%	47.7	47.7	0.0	-0.1%
30.9%	47.7	47.6	-0.1	-0.1%
32.1%	47.6	47.6	0.0	0.0%
33.3%	47.6	47.6	-0.1	-0.1%
34.6%	47.6	47.5	-0.1	-0.1%
35.8%	47.6	47.5	-0.1	-0.2%
37.0%	47.5	47.4	-0.1	-0.2%
38.3%	47.4	47.4	0.0	0.0%
39.5%	47.4	47.4	0.0	0.0%
40.7%	47.3	47.4	0.0	0.0%
42.0%	47.3	47.4	0.0	0.0%
43.2%	47.3	47.2	-0.1	-0.3%
44.4%	47.3	47.1	-0.1	-0.3%
45.7%	47.2	47.1	-0.1	-0.2%
46.9%	47.2	47.0	-0.1	-0.3%
48.1%	47.2	47.0	-0.2	-0.3%
49.4%	47.0	47.0	-0.1	-0.1%
50.6%	47.0	47.0	0.0	0.0%
51.9%	47.0	46.9	0.0	-0.1%
53.1%	46.9	46.8	-0.1	-0.1%
54.3%	46.8	46.8	0.0	0.1%
55.6%	46.7	46.7	0.0	0.0%
56.8%	46.7	46.7	0.1	0.1%
58.0%	46.6	46.7	0.1	0.2%
59.3%	46.6	46.6	0.0	0.0%
60.5%	46.6	46.6	0.0	0.0%
61.7%	46.6	46.6	0.0	-0.1%
63.0%	46.6	46.6	0.0	0.0%
64.2%	46.6	46.6	0.0	0.0%
65.4%	46.5	46.5	0.0	-0.1%
66.7%	46.5	46.5	0.0	0.0%
67.9%	46.4	46.4	0.0	0.0%
69.1%	46.3	46.4	0.0	0.1%
70.4%	46.3	46.3	0.0	0.1%
71.6%	46.3	46.3	0.0	0.0%
72.8%	46.2	46.2	0.0	-0.1%
74.1%	46.2	46.2	0.0	-0.1%
75.3%	45.9	45.9	0.0	0.0%
76.5%	45.8	45.9	0.0	0.1%
77.8%	45.8	45.8	0.0	0.0%
79.0%	45.8	45.8	0.0	0.0%
80.2%	45.7	45.6	0.0	0.0%
81.5%	45.6	45.6	0.0	0.1%
82.7%	45.6	45.6	0.0	0.1%
84.0%	45.6	45.6	0.0	0.1%
85.2%	45.5	45.5	-0.1	-0.1%
86.4%	45.4	45.4	0.0	-0.1%
87.7%	45.3	45.3	0.0	0.1%
88.9%	45.3	45.3	0.0	0.0%
90.1%	45.1	45.2	0.0	0.0%
91.4%	45.1	45.1	0.0	0.0%
92.6%	45.1	45.1	0.0	0.0%
93.8%	45.1	45.1	0.0	0.1%
95.1%	44.9	44.9	0.0	0.0%
96.3%	44.7	44.7	0.1	0.1%
97.5%	44.6	44.7	0.1	0.1%
98.8%	44.4	44.4	0.0	0.0%
100.0%	43.8	43.8	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.4	56.3	0.0	0.0%
1.2%	56.0	56.1	0.1	0.1%
2.5%	55.6	56.0	0.3	0.6%
3.7%	55.6	55.5	0.0	-0.1%
4.9%	55.2	55.2	0.0	-0.1%
6.2%	54.9	54.9	0.0	0.1%
7.4%	54.4	54.3	-0.1	-0.2%
8.6%	54.0	54.0	0.0	0.0%
9.9%	53.8	53.9	0.1	0.2%
11.1%	53.7	53.9	0.2	0.3%
12.3%	53.5	53.7	0.2	0.4%
13.6%	53.4	53.7	0.3	0.5%
14.8%	53.4	53.5	0.1	0.2%
16.0%	53.4	53.4	0.0	0.0%
17.3%	53.4	53.3	-0.1	-0.1%
18.5%	53.3	53.3	0.0	0.0%
19.8%	53.3	53.3	0.0	0.1%
21.0%	53.1	53.1	0.1	0.1%
22.2%	53.0	53.1	0.0	0.1%
23.5%	52.9	53.1	0.1	0.3%
24.7%	52.9	53.0	0.1	0.2%
25.9%	52.8	53.0	0.2	0.3%
27.2%	52.6	52.9	0.3	0.5%
28.4%	52.6	52.8	0.2	0.4%
29.6%	52.5	52.7	0.2	0.5%
30.9%	52.4	52.5	0.1	0.2%
32.1%	52.4	52.4	0.1	0.1%
33.3%	52.3	52.4	0.1	0.2%
34.6%	52.3	52.3	0.1	0.1%
35.8%	52.3	52.2	0.0	0.0%
37.0%	52.1	52.1	0.1	0.1%
38.3%	51.9	52.1	0.1	0.2%
39.5%	51.8	52.0	0.2	0.5%
40.7%	51.8	52.0	0.2	0.3%
42.0%	51.8	51.8	0.0	0.0%
43.2%	51.7	51.8	0.0	0.1%
44.4%	51.7	51.7	0.1	0.1%
45.7%	51.6	51.7	0.1	0.2%
46.9%	51.6	51.7	0.1	0.2%
48.1%	51.5	51.7	0.2	0.4%
49.4%	51.4	51.6	0.2	0.5%
50.6%	51.4	51.6	0.2	0.4%
51.9%	51.4	51.5	0.1	0.3%
53.1%	51.3	51.4	0.1	0.2%
54.3%	51.2	51.4	0.2	0.4%
55.6%	51.1	51.3	0.1	0.3%
56.8%	51.1	51.2	0.1	0.2%
58.0%	51.0	51.0	0.0	0.0%
59.3%	51.0	51.0	0.1	0.1%
60.5%	50.9	51.0	0.1	0.1%
61.7%	50.9	50.9	0.0	0.1%
63.0%	50.9	50.9	0.0	0.0%
64.2%	50.7	50.9	0.1	0.2%
65.4%	50.7	50.7	0.1	0.1%
66.7%	50.6	50.6	0.0	0.0%
67.9%	50.5	50.6	0.1	0.2%
69.1%	50.5	50.6	0.1	0.2%
70.4%	50.3	50.5	0.2	0.3%
71.6%	50.3	50.4	0.2	0.3%
72.8%	50.2	50.3	0.1	0.3%
74.1%	50.2	50.3	0.1	0.3%
75.3%	50.0	50.1	0.0	0.1%
76.5%	50.0	50.0	0.1	0.1%
77.8%	49.7	49.8	0.0	0.0%
79.0%	49.5	49.5	0.0	0.0%
80.2%	49.4	49.4	-0.1	-0.1%
81.5%	49.2	49.3	0.0	0.1%
82.7%	49.2	49.2	0.0	-0.1%
84.0%	49.1	49.1	0.0	-0.1%
85.2%	49.0	49.1	0.0	0.1%
86.4%	48.9	49.0	0.1	0.2%
87.7%	48.9	48.9	0.0	0.0%
88.9%	48.8	48.9	0.1	0.2%
90.1%	48.7	48.8	0.0	0.1%
91.4%	48.6	48.7	0.1	0.3%
92.6%	48.6	48.6	0.0	0.1%
93.8%	48.5	48.6	0.1	0.3%
95.1%	48.3	48.3	0.0	0.0%
96.3%	48.1	48.1	0.0	0.0%
97.5%	48.0	48.0	0.0	0.1%
98.8%	47.7	47.7	0.0	0.0%
100.0%	47.6	47.6	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	61.3	62.3	1.0	1.7%
1.2%	60.9	62.2	1.3	2.2%
2.5%	60.4	61.6	1.2	2.0%
3.7%	60.3	61.0	0.7	1.2%
4.9%	60.3	60.6	0.4	0.6%
6.2%	60.0	60.6	0.6	0.9%
7.4%	59.7	60.3	0.6	1.0%
8.6%	59.6	60.3	0.7	1.1%
9.9%	59.5	60.2	0.8	1.3%
11.1%	59.4	60.1	0.7	1.2%
12.3%	59.2	60.1	0.9	1.5%
13.6%	59.1	60.0	0.9	1.5%
14.8%	59.1	60.0	0.9	1.5%
16.0%	58.7	59.7	1.0	1.6%
17.3%	58.6	59.6	1.0	1.7%
18.5%	58.6	59.2	0.6	1.0%
19.8%	58.6	59.2	0.6	1.0%
21.0%	58.5	59.1	0.6	1.0%
22.2%	58.4	59.0	0.6	1.0%
23.5%	58.3	58.9	0.6	1.0%
24.7%	58.2	58.8	0.6	1.0%
25.9%	58.1	58.7	0.5	0.9%
27.2%	58.1	58.6	0.5	0.8%
28.4%	58.1	58.6	0.5	0.8%
29.6%	58.1	58.6	0.5	0.9%
30.9%	58.1	58.5	0.5	0.8%
32.1%	58.0	58.5	0.4	0.8%
33.3%	58.0	58.5	0.5	0.9%
34.6%	57.9	58.4	0.5	0.9%
35.8%	57.9	58.4	0.5	0.9%
37.0%	57.9	58.1	0.2	0.3%
38.3%	57.7	58.0	0.3	0.5%
39.5%	57.5	57.9	0.4	0.7%
40.7%	57.4	57.8	0.4	0.7%
42.0%	57.4	57.8	0.4	0.7%
43.2%	57.4	57.8	0.4	0.7%
44.4%	57.3	57.7	0.4	0.6%
45.7%	57.2	57.6	0.3	0.6%
46.9%	57.2	57.5	0.3	0.6%
48.1%	57.2	57.5	0.3	0.6%
49.4%	57.0	57.4	0.4	0.7%
50.6%	57.0	57.2	0.2	0.4%
51.9%	56.8	57.2	0.4	0.7%
53.1%	56.8	57.2	0.4	0.7%
54.3%	56.7	57.2	0.5	0.9%
55.6%	56.6	57.2	0.6	1.0%
56.8%	56.5	57.1	0.5	0.9%
58.0%	56.5	57.0	0.5	0.9%
59.3%	56.4	57.0	0.5	0.9%
60.5%	56.4	56.7	0.3	0.6%
61.7%	56.3	56.6	0.3	0.6%
63.0%	56.3	56.4	0.2	0.3%
64.2%	56.1	56.4	0.3	0.5%
65.4%	56.0	56.4	0.3	0.6%
66.7%	56.0	56.3	0.3	0.5%
67.9%	55.9	56.3	0.4	0.7%
69.1%	55.8	56.0	0.2	0.3%
70.4%	55.6	56.0	0.4	0.8%
71.6%	55.6	55.8	0.3	0.5%
72.8%	55.5	55.8	0.3	0.6%
74.1%	55.4	55.8	0.3	0.6%
75.3%	55.3	55.6	0.3	0.6%
76.5%	55.1	55.1	0.0	-0.1%
77.8%	54.8	55.0	0.2	0.3%
79.0%	54.8	54.8	0.0	0.0%
80.2%	54.7	54.7	0.0	0.0%
81.5%	54.5	54.7	0.2	0.3%
82.7%	54.3	54.6	0.3	0.5%
84.0%	54.2	54.3	0.2	0.3%
85.2%	54.1	54.3	0.2	0.4%
86.4%	54.1	54.2	0.1	0.1%
87.7%	54.0	54.1	0.1	0.2%
88.9%	54.0	54.0	0.0	0.1%
90.1%	53.9	54.0	0.1	0.3%
91.4%	53.7	53.9	0.2	0.4%
92.6%	53.5	53.5	0.0	0.0%
93.8%	53.3	53.3	0.0	0.0%
95.1%	53.1	53.2	0.1	0.2%
96.3%	52.9	53.1	0.1	0.3%
97.5%	51.9	51.9	0.0	0.0%
98.8%	50.8	50.7	0.0	-0.1%
100.0%	49.5	49.5	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.6	65.7	0.1	0.2%
1.2%	65.5	65.3	-0.2	-0.3%
2.5%	64.9	65.2	0.3	0.5%
3.7%	64.7	65.2	0.5	0.8%
4.9%	64.6	64.9	0.3	0.5%
6.2%	64.4	64.3	-0.1	-0.1%
7.4%	64.4	64.3	0.0	-0.1%
8.6%	64.2	64.3	0.1	0.1%
9.9%	64.2	64.3	0.0	0.1%
11.1%	64.2	64.2	0.0	0.1%
12.3%	64.2	64.2	0.0	0.0%
13.6%	64.1	64.1	0.0	-0.1%
14.8%	64.0	63.9	-0.1	-0.2%
16.0%	63.9	63.9	0.0	0.0%
17.3%	63.8	63.9	0.1	0.1%
18.5%	63.7	63.8	0.1	0.2%
19.8%	63.6	63.4	-0.2	-0.3%
21.0%	63.4	63.4	0.0	0.0%
22.2%	63.4	63.4	0.0	0.0%
23.5%	62.9	63.4	0.4	0.6%
24.7%	62.9	63.3	0.3	0.5%
25.9%	62.8	63.2	0.4	0.7%
27.2%	62.7	63.1	0.3	0.6%
28.4%	62.7	63.0	0.3	0.4%
29.6%	62.6	62.9	0.3	0.5%
30.9%	62.6	62.9	0.3	0.5%
32.1%	62.6	62.8	0.2	0.4%
33.3%	62.5	62.8	0.2	0.4%
34.6%	62.5	62.7	0.2	0.3%
35.8%	62.3	62.6	0.3	0.5%
37.0%	62.1	62.5	0.4	0.7%
38.3%	62.1	62.5	0.4	0.7%
39.5%	62.0	62.5	0.4	0.7%
40.7%	62.0	62.5	0.5	0.7%
42.0%	62.0	62.3	0.3	0.5%
43.2%	61.9	62.3	0.4	0.6%
44.4%	61.9	62.3	0.4	0.6%
45.7%	61.9	62.3	0.4	0.6%
46.9%	61.8	62.2	0.3	0.5%
48.1%	61.8	62.2	0.3	0.6%
49.4%	61.8	62.1	0.3	0.5%
50.6%	61.8	62.1	0.3	0.5%
51.9%	61.8	62.0	0.2	0.4%
53.1%	61.7	62.0	0.2	0.4%
54.3%	61.7	62.0	0.2	0.4%
55.6%	61.7	62.0	0.3	0.4%
56.8%	61.7	61.9	0.2	0.4%
58.0%	61.7	61.9	0.2	0.4%
59.3%	61.7	61.8	0.2	0.2%
60.5%	61.6	61.8	0.2	0.3%
61.7%	61.6	61.8	0.2	0.3%
63.0%	61.5	61.8	0.3	0.5%
64.2%	61.5	61.8	0.3	0.5%
65.4%	61.4	61.7	0.3	0.4%
66.7%	61.3	61.5	0.1	0.2%
67.9%	61.3	61.5	0.2	0.3%
69.1%	61.3	61.4	0.2	0.2%
70.4%	61.3	61.2	0.0	0.0%
71.6%	61.2	61.1	0.0	0.0%
72.8%	61.1	61.1	0.0	0.0%
74.1%	61.0	61.0	0.0	0.0%
75.3%	60.8	61.0	0.2	0.3%
76.5%	60.8	60.9	0.1	0.1%
77.8%	60.8	60.9	0.1	0.1%
79.0%	60.8	60.8	0.0	0.0%
80.2%	60.7	60.7	0.0	0.0%
81.5%	60.7	60.7	0.0	0.0%
82.7%	60.7	60.6	-0.1	-0.2%
84.0%	60.4	60.3	-0.1	-0.1%
85.2%	60.2	60.2	0.0	0.0%
86.4%	60.2	60.2	0.0	0.1%
87.7%	60.1	60.1	0.0	0.0%
88.9%	60.0	60.0	0.0	0.0%
90.1%	59.8	59.9	0.0	0.0%
91.4%	59.5	59.5	0.1	0.1%
92.6%	59.0	59.2	0.2	0.4%
93.8%	59.0	59.1	0.2	0.3%
95.1%	58.9	58.7	-0.2	-0.4%
96.3%	58.7	58.6	0.0	0.0%
97.5%	58.6	58.5	-0.1	-0.3%
98.8%	58.0	57.8	-0.1	-0.2%
100.0%	55.5	55.5	0.0	0.0%

Table SQ-09-3b

Sacramento River at Delevan, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.6	67.9	0.3	0.4%
1.2%	67.5	67.1	-0.4	-0.7%
2.5%	66.7	66.7	0.0	0.0%
3.7%	66.6	66.3	-0.2	-0.4%
4.9%	66.4	66.2	-0.2	-0.3%
6.2%	66.4	65.4	-1.0	-1.4%
7.4%	65.9	65.4	-0.6	-0.9%
8.6%	65.8	65.2	-0.7	-1.0%
9.9%	65.8	65.1	-0.7	-1.1%
11.1%	65.8	65.1	-0.7	-1.0%
12.3%	65.7	65.0	-0.7	-1.0%
13.6%	65.5	65.0	-0.4	-0.7%
14.8%	65.3	65.0	-0.3	-0.5%
16.0%	65.3	65.0	-0.3	-0.5%
17.3%	65.2	65.0	-0.2	-0.3%
18.5%	65.2	64.9	-0.3	-0.5%
19.8%	65.1	64.7	-0.4	-0.6%
21.0%	65.1	64.7	-0.4	-0.7%
22.2%	65.1	64.6	-0.4	-0.7%
23.5%	65.1	64.6	-0.5	-0.8%
24.7%	65.0	64.5	-0.6	-0.9%
25.9%	64.9	64.4	-0.5	-0.7%
27.2%	64.9	64.4	-0.5	-0.7%
28.4%	64.9	64.4	-0.5	-0.7%
29.6%	64.9	64.4	-0.5	-0.7%
30.9%	64.8	64.4	-0.5	-0.7%
32.1%	64.6	64.3	-0.3	-0.5%
33.3%	64.6	64.1	-0.5	-0.8%
34.6%	64.5	64.1	-0.4	-0.6%
35.8%	64.5	64.0	-0.5	-0.7%
37.0%	64.4	63.9	-0.5	-0.8%
38.3%	64.4	63.9	-0.5	-0.8%
39.5%	64.4	63.9	-0.4	-0.7%
40.7%	64.2	63.8	-0.4	-0.7%
42.0%	64.2	63.7	-0.5	-0.8%
43.2%	64.2	63.7	-0.5	-0.8%
44.4%	64.1	63.6	-0.5	-0.8%
45.7%	64.1	63.6	-0.5	-0.8%
46.9%	64.1	63.6	-0.5	-0.8%
48.1%	64.0	63.6	-0.4	-0.6%
49.4%	63.9	63.6	-0.3	-0.5%
50.6%	63.9	63.6	-0.3	-0.4%
51.9%	63.8	63.4	-0.4	-0.6%
53.1%	63.8	63.4	-0.4	-0.6%
54.3%	63.7	63.3	-0.4	-0.7%
55.6%	63.7	63.3	-0.4	-0.7%
56.8%	63.6	63.2	-0.3	-0.5%
58.0%	63.5	63.2	-0.2	-0.4%
59.3%	63.4	63.2	-0.2	-0.3%
60.5%	63.4	63.2	-0.2	-0.3%
61.7%	63.3	63.2	-0.2	-0.3%
63.0%	63.3	63.1	-0.1	-0.2%
64.2%	63.2	63.1	-0.1	-0.2%
65.4%	63.2	63.0	-0.2	-0.4%
66.7%	63.1	62.9	-0.2	-0.3%
67.9%	63.1	62.9	-0.2	-0.3%
69.1%	63.1	62.9	-0.2	-0.3%
70.4%	63.1	62.9	-0.2	-0.2%
71.6%	63.0	62.8	-0.2	-0.3%
72.8%	62.9	62.7	-0.2	-0.4%
74.1%	62.9	62.7	-0.3	-0.4%
75.3%	62.9	62.6	-0.3	-0.4%
76.5%	62.9	62.6	-0.3	-0.5%
77.8%	62.9	62.6	-0.3	-0.5%
79.0%	62.8	62.5	-0.3	-0.5%
80.2%	62.8	62.5	-0.3	-0.5%
81.5%	62.8	62.5	-0.4	-0.6%
82.7%	62.7	62.4	-0.3	-0.5%
84.0%	62.6	62.3	-0.3	-0.4%
85.2%	62.6	62.2	-0.4	-0.6%
86.4%	62.5	62.2	-0.3	-0.5%
87.7%	62.5	62.2	-0.3	-0.4%
88.9%	62.4	62.2	-0.2	-0.3%
90.1%	62.4	61.8	-0.6	-0.9%
91.4%	62.4	61.7	-0.6	-1.0%
92.6%	62.1	61.6	-0.5	-0.8%
93.8%	62.0	61.4	-0.6	-1.0%
95.1%	62.0	61.3	-0.6	-1.0%
96.3%	61.6	61.3	-0.3	-0.5%
97.5%	61.5	61.1	-0.4	-0.6%
98.8%	61.5	61.0	-0.4	-0.7%
100.0%	60.5	60.6	0.1	0.2%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	69.7	69.4	-0.3	-0.4%
1.2%	69.6	68.6	-1.0	-1.5%
2.5%	68.7	68.3	-0.3	-0.5%
3.7%	68.4	68.2	-0.3	-0.4%
4.9%	68.1	67.7	-0.3	-0.5%
6.2%	67.9	67.6	-0.2	-0.4%
7.4%	67.8	67.5	-0.3	-0.4%
8.6%	67.8	67.1	-0.6	-1.0%
9.9%	67.7	67.0	-0.6	-0.9%
11.1%	67.6	66.9	-0.7	-1.1%
12.3%	67.6	66.9	-0.7	-1.0%
13.6%	67.5	66.8	-0.7	-1.1%
14.8%	67.5	66.8	-0.7	-1.0%
16.0%	67.1	66.8	-0.4	-0.5%
17.3%	67.1	66.7	-0.4	-0.5%
18.5%	67.0	66.6	-0.4	-0.6%
19.8%	66.9	66.6	-0.3	-0.5%
21.0%	66.8	66.5	-0.3	-0.4%
22.2%	66.7	66.4	-0.2	-0.4%
23.5%	66.7	66.3	-0.3	-0.5%
24.7%	66.7	66.2	-0.4	-0.7%
25.9%	66.6	66.2	-0.4	-0.7%
27.2%	66.4	66.2	-0.2	-0.3%
28.4%	66.4	66.1	-0.3	-0.5%
29.6%	66.4	66.0	-0.4	-0.5%
30.9%	66.4	65.9	-0.5	-0.7%
32.1%	66.4	65.8	-0.5	-0.8%
33.3%	66.3	65.7	-0.6	-0.8%
34.6%	66.1	65.7	-0.4	-0.6%
35.8%	66.0	65.7	-0.3	-0.5%
37.0%	65.9	65.7	-0.2	-0.3%
38.3%	65.9	65.6	-0.2	-0.3%
39.5%	65.8	65.6	-0.2	-0.3%
40.7%	65.8	65.6	-0.2	-0.3%
42.0%	65.7	65.5	-0.1	-0.2%
43.2%	65.6	65.3	-0.3	-0.4%
44.4%	65.5	65.3	-0.1	-0.2%
45.7%	65.4	65.2	-0.2	-0.3%
46.9%	65.4	65.2	-0.2	-0.3%
48.1%	65.4	65.0	-0.3	-0.5%
49.4%	65.3	65.0	-0.3	-0.4%
50.6%	65.2	64.9	-0.3	-0.5%
51.9%	65.2	64.9	-0.3	-0.5%
53.1%	65.2	64.9	-0.3	-0.5%
54.3%	65.2	64.8	-0.4	-0.6%
55.6%	65.2	64.8	-0.4	-0.5%
56.8%	65.1	64.8	-0.3	-0.5%
58.0%	65.1	64.6	-0.5	-0.8%
59.3%	65.1	64.5	-0.5	-0.8%
60.5%	65.0	64.5	-0.5	-0.7%
61.7%	65.0	64.4	-0.5	-0.8%
63.0%	64.9	64.4	-0.4	-0.7%
64.2%	64.9	64.4	-0.5	-0.8%
65.4%	64.8	64.3	-0.5	-0.7%
66.7%	64.7	64.3	-0.4	-0.6%
67.9%	64.6	64.3	-0.3	-0.4%
69.1%	64.5	64.1	-0.3	-0.5%
70.4%	64.5	64.1	-0.3	-0.5%
71.6%	64.5	64.1	-0.4	-0.6%
72.8%	64.4	64.0	-0.4	-0.6%
74.1%	64.4	64.0	-0.4	-0.6%
75.3%	64.3	64.0	-0.3	-0.4%
76.5%	64.2	64.0	-0.2	-0.4%
77.8%	64.2	64.0	-0.2	-0.3%
79.0%	64.1	64.0	-0.2	-0.2%
80.2%	64.1	63.9	-0.1	-0.2%
81.5%	63.9	63.9	0.0	0.0%
82.7%	63.9	63.9	0.0	0.0%
84.0%	63.9	63.7	-0.2	-0.3%
85.2%	63.9	63.5	-0.3	-0.5%
86.4%	63.7	63.3	-0.4	-0.6%
87.7%	63.7	63.1	-0.6	-0.9%
88.9%	63.4	63.1	-0.3	-0.4%
90.1%	63.3	62.6	-0.7	-1.1%
91.4%	63.2	62.6	-0.6	-0.9%
92.6%	63.2	62.6	-0.6	-0.9%
93.8%	63.1	62.5	-0.6	-0.9%
95.1%	63.1	62.5	-0.6	-0.9%
96.3%	62.7	62.4	-0.2	-0.4%
97.5%	62.7	62.1	-0.6	-0.9%
98.8%	62.4	61.8	-0.6	-1.0%
100.0%	62.0	61.3	-0.7	-1.1%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	71.7	70.7	-1.1	-1.5%
1.2%	71.5	69.7	-1.8	-2.5%
2.5%	69.9	68.8	-1.1	-1.5%
3.7%	69.7	68.7	-1.0	-1.4%
4.9%	69.3	68.5	-0.8	-1.2%
6.2%	68.9	68.0	-0.9	-1.3%
7.4%	68.2	67.8	-0.4	-0.5%
8.6%	68.0	67.6	-0.4	-0.5%
9.9%	67.9	67.6	-0.4	-0.5%
11.1%	67.9	67.6	-0.4	-0.5%
12.3%	67.9	67.2	-0.6	-1.0%
13.6%	67.8	67.1	-0.7	-1.0%
14.8%	67.7	66.8	-0.9	-1.3%
16.0%	67.3	66.8	-0.5	-0.7%
17.3%	67.2	66.6	-0.6	-0.9%
18.5%	67.1	66.6	-0.6	-0.8%
19.8%	67.1	66.6	-0.6	-0.8%
21.0%	67.0	66.5	-0.5	-0.7%
22.2%	66.9	66.5	-0.5	-0.7%
23.5%	66.6	66.4	-0.1	-0.2%
24.7%	66.5	66.4	0.0	-0.1%
25.9%	66.4	66.4	0.0	0.0%
27.2%	66.4	66.4	0.0	0.0%
28.4%	66.3	66.3	0.0	0.0%
29.6%	66.3	66.2	-0.1	-0.1%
30.9%	66.2	66.2	-0.1	-0.1%
32.1%	66.2	66.1	0.0	-0.1%
33.3%	66.2	66.1	-0.1	-0.1%
34.6%	66.1	66.1	-0.1	-0.1%
35.8%	66.1	66.0	-0.1	-0.2%
37.0%	66.0	65.9	-0.1	-0.2%
38.3%	66.0	65.8	-0.2	-0.2%
39.5%	65.9	65.8	-0.1	-0.1%
40.7%	65.9	65.8	0.0	-0.1%
42.0%	65.8	65.7	-0.1	-0.1%
43.2%	65.8	65.7	-0.1	-0.1%
44.4%	65.8	65.7	-0.1	-0.2%
45.7%	65.7	65.6	0.0	0.0%
46.9%	65.5	65.6	0.0	0.1%
48.1%	65.5	65.5	0.0	0.0%
49.4%	65.5	65.5	0.0	0.1%
50.6%	65.5	65.5	0.0	0.0%
51.9%	65.4	65.5	0.1	0.1%
53.1%	65.4	65.4	0.1	0.1%
54.3%	65.4	65.4	0.1	0.1%
55.6%	65.3	65.4	0.1	0.2%
56.8%	65.3	65.4	0.1	0.2%
58.0%	65.3	65.4	0.1	0.2%
59.3%	65.3	65.4	0.1	0.2%
60.5%	65.2	65.3	0.2	0.2%
61.7%	65.1	65.2	0.1	0.2%
63.0%	65.1	65.2	0.0	0.1%
64.2%	65.1	65.1	-0.1	-0.1%
65.4%	65.1	65.1	0.0	-0.1%
66.7%	65.0	65.0	0.0	0.0%
67.9%	65.0	65.0	0.0	0.0%
69.1%	65.0	64.9	-0.1	-0.1%
70.4%	64.8	64.8	0.0	0.0%
71.6%	64.8	64.7	0.0	0.0%
72.8%	64.4	64.7	0.3	0.4%
74.1%	64.4	64.7	0.3	0.5%
75.3%	64.3	64.7	0.3	0.5%
76.5%	64.3	64.6	0.4	0.6%
77.8%	64.3	64.6	0.3	0.5%
79.0%	64.2	64.6	0.3	0.5%
80.2%	64.2	64.5	0.2	0.3%
81.5%	64.2	64.4	0.2	0.3%
82.7%	64.1	64.3	0.2	0.2%
84.0%	63.9	64.3	0.4	0.6%
85.2%	63.9	64.2	0.3	0.5%
86.4%	63.8	64.1	0.2	0.4%
87.7%	63.6	64.0	0.4	0.6%
88.9%	63.6	64.0	0.4	0.7%
90.1%	63.5	63.9	0.4	0.6%
91.4%	63.4	63.9	0.4	0.7%
92.6%	63.4	63.7	0.3	0.5%
93.8%	63.2	63.6	0.4	0.7%
95.1%	63.2	63.6	0.4	0.6%
96.3%	63.1	63.2	0.0	0.1%
97.5%	63.1	63.0	-0.1	-0.2%
98.8%	63.0	62.7	-0.2	-0.4%
100.0%	62.8	62.7	-0.1	-0.1%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	68.7	68.3	-0.5	-0.7%
1.2%	68.5	68.0	-0.5	-0.7%
2.5%	68.3	67.9	-0.4	-0.5%
3.7%	68.2	67.6	-0.6	-0.9%
4.9%	67.8	67.1	-0.8	-1.1%
6.2%	67.4	67.0	-0.3	-0.5%
7.4%	67.0	66.5	-0.5	-0.7%
8.6%	66.6	66.5	-0.2	-0.2%
9.9%	66.3	66.2	-0.1	-0.1%
11.1%	66.3	66.2	-0.1	-0.1%
12.3%	66.1	65.7	-0.4	-0.6%
13.6%	66.0	65.5	-0.5	-0.8%
14.8%	66.0	65.5	-0.6	-0.9%
16.0%	65.7	65.0	-0.7	-1.0%
17.3%	65.4	65.0	-0.4	-0.6%
18.5%	65.3	64.9	-0.3	-0.5%
19.8%	65.2	64.8	-0.4	-0.6%
21.0%	65.1	64.8	-0.3	-0.5%
22.2%	65.0	64.8	-0.2	-0.3%
23.5%	65.0	64.5	-0.4	-0.7%
24.7%	64.9	64.4	-0.5	-0.7%
25.9%	64.8	64.4	-0.4	-0.6%
27.2%	64.7	64.4	-0.4	-0.6%
28.4%	64.7	64.3	-0.4	-0.6%
29.6%	64.7	64.3	-0.3	-0.5%
30.9%	64.5	64.3	-0.3	-0.4%
32.1%	64.5	64.2	-0.3	-0.4%
33.3%	64.4	64.2	-0.1	-0.2%
34.6%	64.3	64.1	-0.2	-0.3%
35.8%	64.3	64.1	-0.2	-0.3%
37.0%	64.2	64.0	-0.2	-0.4%
38.3%	64.0	64.0	0.0	0.0%
39.5%	64.0	63.9	-0.1	-0.1%
40.7%	63.9	63.6	-0.3	-0.5%
42.0%	63.8	63.5	-0.3	-0.5%
43.2%	63.7	63.5	-0.3	-0.4%
44.4%	63.6	63.5	-0.2	-0.2%
45.7%	63.5	63.4	-0.1	-0.2%
46.9%	63.5	63.3	-0.2	-0.3%
48.1%	63.4	63.3	-0.1	-0.2%
49.4%	63.4	63.2	-0.1	-0.2%
50.6%	63.3	63.2	-0.1	-0.1%
51.9%	63.2	63.2	0.0	0.0%
53.1%	63.2	63.2	0.0	0.0%
54.3%	63.0	63.1	0.1	0.2%
55.6%	62.9	63.0	0.1	0.2%
56.8%	62.8	63.0	0.1	0.2%
58.0%	62.8	63.0	0.2	0.3%
59.3%	62.8	62.9	0.1	0.2%
60.5%	62.5	62.9	0.4	0.7%
61.7%	62.5	62.9	0.4	0.6%
63.0%	62.4	62.8	0.5	0.7%
64.2%	62.3	62.8	0.4	0.7%
65.4%	62.3	62.6	0.4	0.6%
66.7%	62.2	62.6	0.4	0.6%
67.9%	62.2	62.2	0.0	0.0%
69.1%	61.8	62.0	0.2	0.3%
70.4%	61.8	61.9	0.1	0.2%
71.6%	61.6	61.8	0.2	0.3%
72.8%	61.5	61.7	0.1	0.2%
74.1%	61.5	61.6	0.1	0.2%
75.3%	61.5	61.6	0.1	0.2%
76.5%	61.4	61.5	0.1	0.2%
77.8%	61.2	61.5	0.2	0.4%
79.0%	61.2	61.5	0.3	0.4%
80.2%	61.2	61.4	0.3	0.4%
81.5%	61.0	61.4	0.3	0.6%
82.7%	61.0	61.2	0.2	0.3%
84.0%	60.9	61.0	0.1	0.2%
85.2%	60.9	61.0	0.1	0.1%
86.4%	60.9	60.9	0.1	0.1%
87.7%	60.8	60.8	0.0	0.1%
88.9%	60.6	60.8	0.1	0.2%
90.1%	60.6	60.7	0.1	0.2%
91.4%	60.5	60.4	0.0	-0.1%
92.6%	60.4	60.4	0.0	0.0%
93.8%	60.3	60.2	-0.1	-0.2%
95.1%	59.9	60.1	0.2	0.3%
96.3%	59.7	59.6	-0.1	-0.1%
97.5%	59.2	59.5	0.3	0.6%
98.8%	59.0	59.0	0.0	0.1%
100.0%	59.0	58.6	-0.4	-0.7%

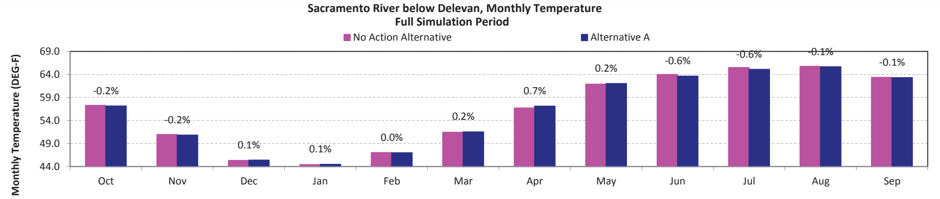
Table SQ-10-3a
Sacramento River below Delevan, Monthly Temperature
Long-term Average and Average by Water Year Type

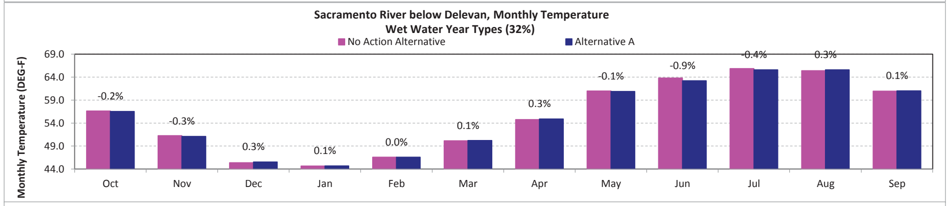
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	57.3	51.0	45.3	44.4	47.0	51.4	56.7	61.9	64.0	65.5	65.8	63.4
Alternative A	57.2	50.8	45.4	44.5	47.0	51.5	57.1	62.0	63.6	65.1	65.7	63.3
Difference	-0.1	-0.1	0.1	0.1	0.0	0.1	0.4	0.1	-0.4	-0.4	-0.1	-0.1
Percent Difference[3]	-0.2%	-0.2%	0.1%	0.1%	0.0%	0.2%	0.7%	0.2%	-0.6%	-0.6%	-0.1%	-0.1%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	56.6	51.3	45.4	44.7	46.6	50.2	54.8	61.0	63.8	65.9	65.4	61.0
Alternative A	56.5	51.1	45.5	44.7	46.6	50.2	54.9	60.9	63.2	65.6	65.6	61.0
Difference	-0.1	-0.1	0.2	0.0	0.0	0.0	0.2	-0.1	-0.6	-0.3	0.2	0.1
Percent Difference	-0.2%	-0.3%	0.3%	0.1%	0.0%	0.1%	0.3%	-0.1%	-0.9%	-0.4%	0.3%	0.1%
Above Normal (15%)												
No Action Alternative	56.8	50.6	45.7	44.8	46.9	51.3	56.8	62.7	64.0	64.7	65.5	62.9
Alternative A	56.7	50.5	45.9	44.8	46.9	51.4	57.1	62.5	63.7	64.3	65.7	63.2
Difference	-0.1	-0.1	0.2	0.0	0.0	0.1	0.3	-0.2	-0.3	-0.4	0.2	0.3
Percent Difference	-0.1%	-0.1%	0.3%	0.1%	0.0%	0.1%	0.6%	-0.2%	-0.5%	-0.6%	0.3%	0.5%
Below Normal (17%)												
No Action Alternative	56.6	50.7	45.5	44.2	46.5	51.5	57.6	62.3	63.7	65.1	65.3	64.1
Alternative A	56.3	50.6	45.5	44.2	46.5	51.6	58.2	62.7	63.6	64.7	65.4	63.8
Difference	-0.2	-0.1	0.0	0.0	0.0	0.1	0.6	0.4	-0.2	-0.4	0.1	-0.3
Percent Difference	-0.4%	-0.2%	-0.1%	0.0%	0.0%	0.3%	1.1%	0.6%	-0.3%	-0.6%	0.2%	-0.5%
Dry (22%)												
No Action Alternative	57.6	51.2	45.3	44.1	47.3	52.3	58.2	62.0	64.3	65.0	65.4	64.7
Alternative A	57.5	51.0	45.3	44.3	47.2	52.4	58.9	62.4	64.0	64.5	65.4	64.7
Difference	-0.1	-0.2	0.0	0.2	-0.1	0.1	0.8	0.4	-0.3	-0.5	-0.1	-0.1
Percent Difference	-0.2%	-0.3%	-0.1%	0.4%	-0.1%	0.2%	1.3%	0.6%	-0.4%	-0.7%	-0.1%	-0.1%
Critical (15%)												
No Action Alternative	59.6	50.7	44.7	44.3	48.2	53.1	57.8	62.4	64.3	66.8	67.8	66.3
Alternative A	59.4	50.5	44.7	44.4	48.2	53.2	58.1	62.6	64.0	66.3	66.5	65.8
Difference	-0.2	-0.2	0.0	0.1	0.0	0.1	0.3	0.3	-0.3	-0.5	-1.3	-0.5
Percent Difference	-0.3%	-0.3%	0.1%	0.3%	0.0%	0.2%	0.5%	0.4%	-0.5%	-0.7%	-2.0%	-0.7%

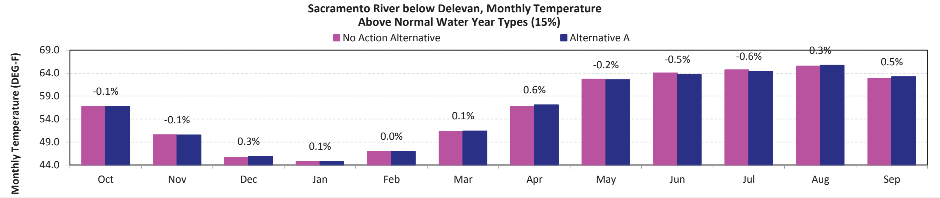
1 Based on the 82-year simulation period

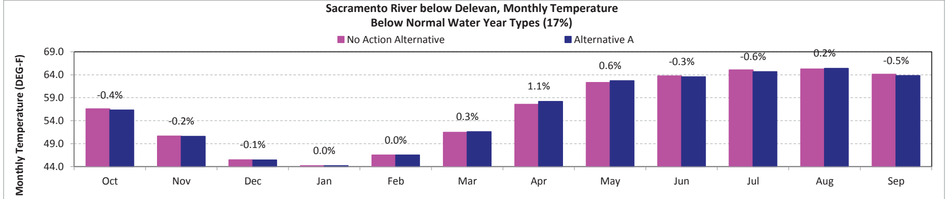
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

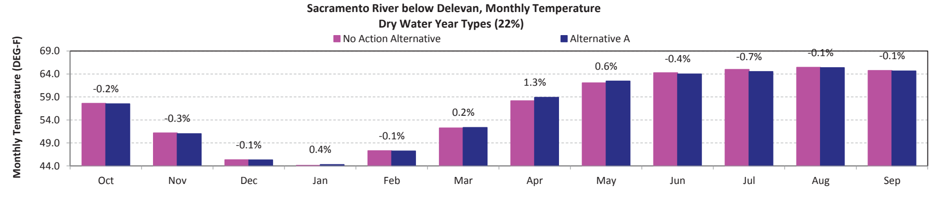
3 Relative difference of the monthly average


Sacramento River below Delevan, Monthly Temperature
Full Simulation Period


Sacramento River below Delevan, Monthly Temperature
Wet Water Year Types (32%)


Sacramento River below Delevan, Monthly Temperature
Above Normal Water Year Types (15%)


Sacramento River below Delevan, Monthly Temperature
Below Normal Water Year Types (17%)


Sacramento River below Delevan, Monthly Temperature
Dry Water Year Types (22%)

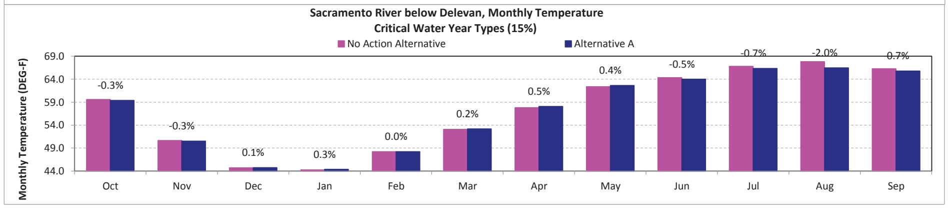

Sacramento River below Delevan, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-10-3b
Sacramento River below Delevan, Monthly Temperature
Probability of Exceedance

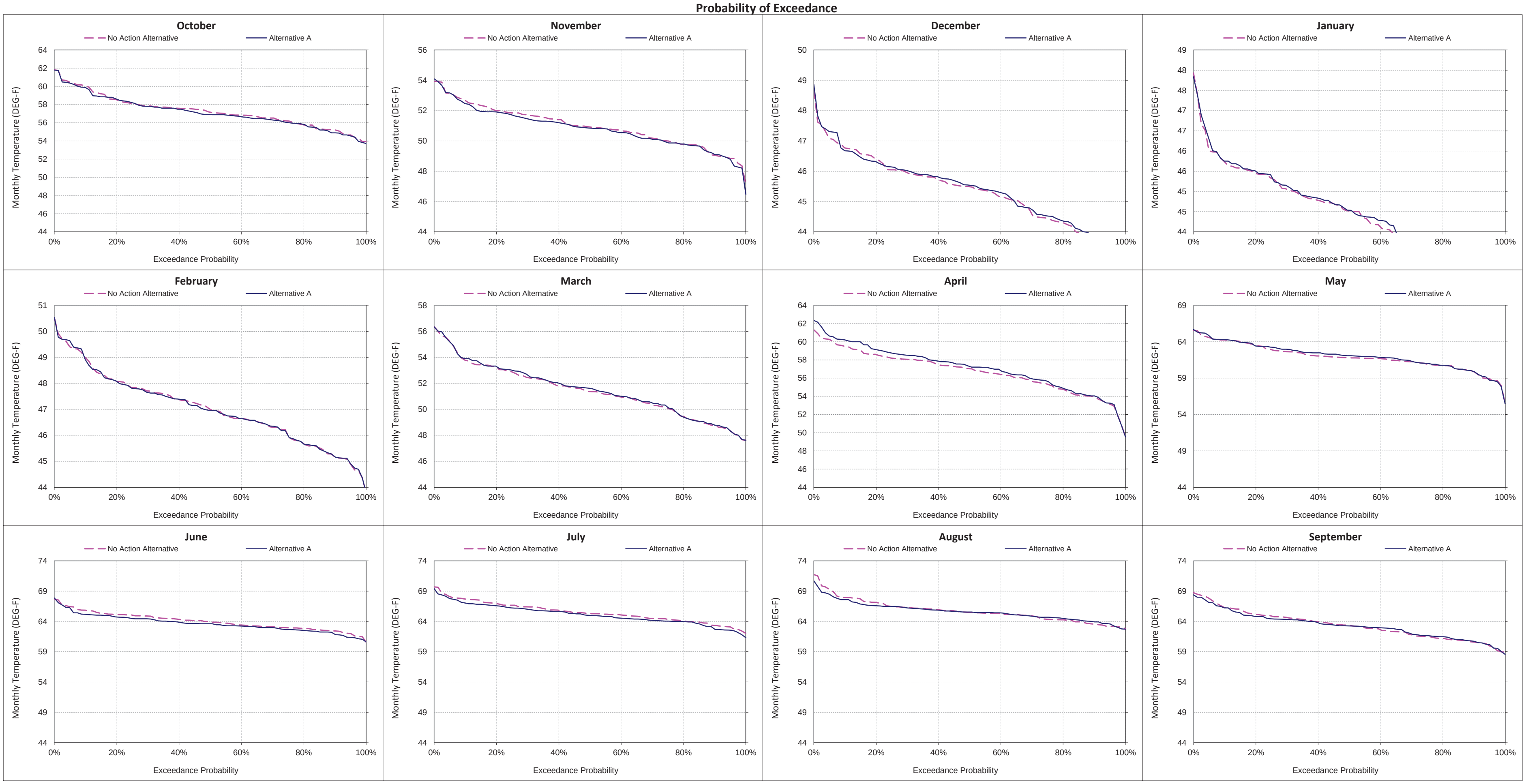


Table SQ-10-3b

Sacramento River below Delevan, Monthly Temperature
Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	61.8	61.8	0.0	0.0%
1.2%	61.8	61.7	0.0	0.0%
2.5%	60.7	60.5	-0.2	-0.4%
3.7%	60.7	60.5	-0.2	-0.3%
4.9%	60.5	60.4	-0.1	-0.2%
6.2%	60.4	60.2	-0.1	-0.2%
7.4%	60.2	60.0	-0.1	-0.2%
8.6%	60.2	59.9	-0.2	-0.4%
9.9%	60.1	59.9	-0.2	-0.3%
11.1%	59.9	59.6	-0.3	-0.4%
12.3%	59.4	59.0	-0.4	-0.7%
13.6%	59.3	58.9	-0.4	-0.7%
14.8%	59.2	58.9	-0.3	-0.6%
16.0%	59.1	58.9	-0.3	-0.5%
17.3%	58.6	58.8	0.2	0.3%
18.5%	58.6	58.8	0.2	0.3%
19.8%	58.6	58.6	0.1	0.1%
21.0%	58.4	58.5	0.1	0.2%
22.2%	58.3	58.4	0.1	0.2%
23.5%	58.2	58.3	0.1	0.2%
24.7%	58.1	58.2	0.1	0.2%
25.9%	58.0	58.1	0.1	0.1%
27.2%	58.0	57.9	-0.1	-0.1%
28.4%	57.9	57.8	-0.1	-0.1%
29.6%	57.9	57.8	-0.1	-0.1%
30.9%	57.8	57.8	0.0	-0.1%
32.1%	57.8	57.7	-0.1	-0.1%
33.3%	57.7	57.7	0.0	-0.1%
34.6%	57.7	57.6	-0.1	-0.2%
35.8%	57.7	57.6	-0.1	-0.2%
37.0%	57.7	57.6	-0.1	-0.1%
38.3%	57.6	57.6	0.0	0.0%
39.5%	57.6	57.5	-0.1	-0.2%
40.7%	57.6	57.5	-0.1	-0.2%
42.0%	57.6	57.4	-0.2	-0.3%
43.2%	57.5	57.3	-0.3	-0.5%
44.4%	57.5	57.2	-0.3	-0.5%
45.7%	57.5	57.1	-0.4	-0.6%
46.9%	57.5	57.0	-0.5	-0.8%
48.1%	57.4	56.9	-0.4	-0.8%
49.4%	57.2	56.9	-0.3	-0.5%
50.6%	57.1	56.9	-0.2	-0.4%
51.9%	57.1	56.9	-0.2	-0.3%
53.1%	57.0	56.9	-0.2	-0.3%
54.3%	57.0	56.9	-0.2	-0.3%
55.6%	57.0	56.8	-0.1	-0.3%
56.8%	56.9	56.8	-0.1	-0.1%
58.0%	56.8	56.7	-0.1	-0.2%
59.3%	56.8	56.7	-0.1	-0.2%
60.5%	56.8	56.6	-0.2	-0.4%
61.7%	56.8	56.6	-0.2	-0.4%
63.0%	56.8	56.5	-0.3	-0.5%
64.2%	56.7	56.5	-0.3	-0.5%
65.4%	56.6	56.4	-0.2	-0.3%
66.7%	56.5	56.4	-0.1	-0.1%
67.9%	56.5	56.4	-0.1	-0.2%
69.1%	56.5	56.4	-0.2	-0.3%
70.4%	56.5	56.3	-0.2	-0.4%
71.6%	56.3	56.2	-0.1	-0.2%
72.8%	56.3	56.2	-0.1	-0.2%
74.1%	56.2	56.1	-0.2	-0.3%
75.3%	56.2	56.0	-0.2	-0.3%
76.5%	56.0	55.9	-0.1	-0.2%
77.8%	55.9	55.9	0.0	0.0%
79.0%	55.8	55.9	0.1	0.1%
80.2%	55.8	55.8	0.1	0.1%
81.5%	55.7	55.5	-0.2	-0.4%
82.7%	55.7	55.5	-0.2	-0.4%
84.0%	55.3	55.5	0.1	0.3%
85.2%	55.3	55.2	-0.1	-0.2%
86.4%	55.3	55.2	-0.1	-0.1%
87.7%	55.2	55.1	-0.1	-0.2%
88.9%	55.2	54.9	-0.3	-0.6%
90.1%	55.2	54.9	-0.3	-0.6%
91.4%	55.1	54.9	-0.2	-0.4%
92.6%	54.8	54.7	-0.1	-0.2%
93.8%	54.7	54.7	0.0	0.0%
95.1%	54.6	54.5	-0.1	-0.2%
96.3%	54.4	54.4	0.0	0.1%
97.5%	54.3	53.9	-0.4	-0.7%
98.8%	53.9	53.8	-0.1	-0.2%
100.0%	53.9	53.7	0.0	-0.4%

November				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.9	54.1	0.2	0.3%
1.2%	53.9	53.9	0.0	0.0%
2.5%	53.9	53.7	-0.2	-0.4%
3.7%	53.2	53.2	0.0	0.1%
4.9%	53.1	53.2	0.0	0.1%
6.2%	53.0	53.0	0.0	0.0%
7.4%	52.9	52.8	-0.1	-0.2%
8.6%	52.8	52.6	-0.1	-0.3%
9.9%	52.7	52.5	-0.2	-0.4%
11.1%	52.5	52.4	-0.1	-0.2%
12.3%	52.5	52.3	-0.2	-0.4%
13.6%	52.4	52.0	-0.4	-0.8%
14.8%	52.4	51.9	-0.4	-0.8%
16.0%	52.3	51.9	-0.4	-0.7%
17.3%	52.2	51.9	-0.3	-0.6%
18.5%	52.1	51.9	-0.2	-0.4%
19.8%	52.0	51.9	-0.1	-0.2%
21.0%	52.0	51.9	-0.1	-0.2%
22.2%	51.9	51.8	-0.1	-0.2%
23.5%	51.9	51.8	-0.1	-0.2%
24.7%	51.9	51.7	-0.1	-0.2%
25.9%	51.8	51.6	-0.2	-0.4%
27.2%	51.8	51.6	-0.3	-0.5%
28.4%	51.7	51.5	-0.2	-0.4%
29.6%	51.7	51.5	-0.2	-0.5%
30.9%	51.7	51.4	-0.3	-0.5%
32.1%	51.6	51.3	-0.3	-0.6%
33.3%	51.6	51.3	-0.3	-0.6%
34.6%	51.5	51.3	-0.2	-0.4%
35.8%	51.5	51.3	-0.2	-0.4%
37.0%	51.5	51.3	-0.2	-0.3%
38.3%	51.4	51.3	-0.2	-0.4%
39.5%	51.4	51.2	-0.2	-0.3%
40.7%	51.4	51.2	-0.2	-0.4%
42.0%	51.2	51.1	-0.1	-0.1%
43.2%	51.1	51.1	0.0	0.0%
44.4%	51.0	51.0	0.0	-0.1%
45.7%	51.0	50.9	-0.1	-0.1%
46.9%	51.0	50.9	-0.1	-0.2%
48.1%	51.0	50.9	-0.1	-0.2%
49.4%	50.9	50.9	-0.1	-0.1%
50.6%	50.9	50.8	-0.1	-0.2%
51.9%	50.9	50.8	-0.1	-0.1%
53.1%	50.9	50.8	-0.1	-0.1%
54.3%	50.8	50.8	0.0	-0.1%
55.6%	50.8	50.8	0.0	0.0%
56.8%	50.8	50.6	-0.1	-0.2%
58.0%	50.7	50.6	-0.1	-0.2%
59.3%	50.7	50.5	-0.2	-0.4%
60.5%	50.7	50.5	-0.1	-0.2%
61.7%	50.6	50.5	-0.1	-0.2%
63.0%	50.6	50.5	-0.1	-0.2%
64.2%	50.5	50.3	-0.2	-0.4%
65.4%	50.5	50.2	-0.3	-0.5%
66.7%	50.4	50.2	-0.2	-0.5%
67.9%	50.4	50.2	-0.2	-0.5%
69.1%	50.2	50.2	0.0	-0.1%
70.4%	50.2	50.1	-0.1	-0.2%
71.6%	50.1	50.1	0.0	-0.1%
72.8%	50.0	50.1	0.0	0.0%
74.1%	50.0	50.0	-0.1	-0.1%
75.3%	50.0	49.9	-0.1	-0.2%
76.5%	49.9	49.9	0.0	-0.1%
77.8%	49.9	49.9	0.0	0.0%
79.0%	49.8	49.8	0.0	0.0%
80.2%	49.8	49.8	0.0	0.0%
81.5%	49.8	49.7	0.0	-0.1%
82.7%	49.7	49.7	0.0	-0.1%
84.0%	49.7	49.7	-0.1	-0.1%
85.2%	49.7	49.7	0.0	0.0%
86.4%	49.6	49.4	-0.2	-0.3%
87.7%	49.3	49.3	0.0	0.0%
88.9%	49.1	49.2	0.1	0.3%
90.1%	49.1	49.1	0.1	0.1%
91.4%	49.0	49.1	0.1	0.2%
92.6%	49.0	49.0	0.0	0.0%
93.8%	48.9	48.9	0.0	0.0%
95.1%	48.8	48.8	-0.1	-0.1%
96.3%	48.8	48.3	-0.5	-1.0%
97.5%	48.5	48.3	-0.2	-0.5%
98.8%	48.4	48.2	-0.1	-0.3%
100.0%	47.1	46.5	-0.7	-1.4%

December				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	48.7	48.9	0.2	0.4%
1.2%	47.6	47.8	0.2	0.4%
2.5%	47.5	47.5	-0.1	-0.1%
3.7%	47.3	47.4	0.1	0.2%
4.9%	47.1	47.3	0.2	0.5%
6.2%	47.1	47.3	0.2	0.5%
7.4%	46.9	47.3	0.3	0.7%
8.6%	46.9	46.8	-0.1	-0.3%
9.9%	46.8	46.7	-0.1	-0.2%
11.1%	46.7	46.7	-0.1	-0.2%
12.3%	46.7	46.7	-0.1	-0.2%
13.6%	46.7	46.6	-0.1	-0.3%
14.8%	46.6	46.5	-0.1	-0.2%
16.0%	46.5	46.4	-0.1	-0.3%
17.3%	46.5	46.4	-0.2	-0.4%
18.5%	46.5	46.3	-0.2	-0.4%
19.8%	46.4	46.3	-0.1	-0.2%
21.0%	46.4	46.3	-0.1	-0.2%
22.2%	46.2	46.2	0.0	-0.1%
23.5%	46.0	46.2	0.1	0.2%
24.7%	46.0	46.1	0.1	0.2%
25.9%	46.0	46.1	0.1	0.2%
27.2%	46.0	46.1	0.0	0.1%
28.4%	46.0	46.0	0.0	0.1%
29.6%	46.0	46.0	0.1	0.1%
30.9%	45.9	46.0	0.1	0.2%
32.1%	45.9	45.9	0.0	0.1%
33.3%	45.9	45.9	0.0	0.1%
34.6%	45.9	45.9	0.0	0.1%
35.8%	45.8	45.9	0.1	0.2%
37.0%	45.8	45.9	0.1	0.1%
38.3%	45.8	45.8	0.0	0.0%
39.5%	45.8	45.8	0.1	0.2%
40.7%	45.7	45.8	0.1	0.2%
42.0%	45.7	45.8	0.1	0.2%
43.2%	45.6	45.7	0.2	0.4%
44.4%	45.6	45.7	0.1	0.3%
45.7%	45.5	45.7	0.1	0.3%
46.9%	45.5	45.6	0.1	0.2%
48.1%	45.5	45.6	0.0	0.1%
49.4%	45.5	45.5	0.0	0.1%
50.6%	45.5	45.5	0.0	0.1%
51.9%	45.4	45.5	0.1	0.2%
53.1%	45.4	45.4	0.0	0.1%
54.3%	45.4	45.4	0.0	0.1%
55.6%	45.3	45.4	0.0	0.1%
56.8%	45.3	45.4	0.0	0.1%
58.0%	45.3	45.4	0.1	0.2%
59.3%	45.2	45.3	0.1	0.3%
60.5%	45.2	45.3	0.1	0.3%
61.7%	45.1	45.2	0.1	0.3%
63.0%	45.1	45.1	0.1	0.2%
64.2%	45.0	45.0	0.0	0.0%
65.4%	45.0	44.8	-0.2	-0.4%
66.7%	44.9	44.8	-0.1	-0.2%
67.9%	44.8	44.8	0.0	-0.1%
69.1%	44.7	44.8	0.1	0.1%
70.4%	44.5	44.7	0.2	0.5%
71.6%	44.5	44.6	0.1	0.2%
72.8%	44.5	44.6	0.1	0.2%
74.1%	44.5	44.5	0.1	0.2%
75.3%	44.4	44.5	0.1	0.2%
76.5%	44.4	44.5	0.1	0.3%
77.8%	44.3	44.4	0.1	0.2%
79.0%	44.3	44.4	0.1	0.2%
80.2%	44.3	44.3	0.1	0.1%
81.5%	44.2	44.3	0.1	0.2%
82.7%	44.2	44.3	0.1	0.2%
84.0%	44.0	44.1	0.1	0.2%
85.2%	44.0	44.1	0.1	0.3%
86.4%	43.8	44.0	0.2	0.4%
87.7%	43.8	44.0	0.2	0.4%
88.9%	43.7	43.9	0.3	0.6%
90.1%	43.6	43.8	0.2	0.5%
91.4%	43.5	43.8	0.3	0.6%
92.6%	43.5	43.8	0.3	0.7%
93.8%	43.4	43.6	0.2	0.4%
95.1%	43.4	43.6	0.2	0.4%
96.3%	43.4	43.6	0.2	0.4%
97.5%	43.2	43.5	0.3	0.7%
98.8%	43.0	42.6	-0.4	-1.0%
100.0%	41.6	41.7	0.1	0.2%

January				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.9	47.8	-0.1	-0.2%
1.2%	47.4	47.4	0.0	0.0%
2.5%	46.7	46.9	0.2	0.5%
3.7%	46.5	46.6	0.1	0.1%
4.9%	46.0	46.3	0.3	0.7%
6.2%	46.0	46.0	0.0	0.1%
7.4%	46.0	46.0	0.0	0.0%
8.6%	45.8	45.8	0.0	0.0%
9.9%	45.7	45.8	0.0	0.0%
11.1%	45.6	45.7	0.1	0.2%
12.3%	45.6	45.7	0.1	0.1%
13.6%	45.6	45.7	0.1	0.2%
14.8%	45.6	45.6	0.1	0.1%
16.0%	45.6	45.6	0.0	0.0%
17.3%	45.5	45.6	0.0	0.1%
18.5%	45.5	45.5	0.0	0.0%
19.8%	45.4	45.5	0.1	0.2%
21.0%	45.4	45.4	0.0	0.0%
22.2%	45.4	45.4	0.0	0.0%
23.5%	45.4	45.4	0.0	0.0%
24.7%	45.3	45.4	0.1	0.2%
25.9%	45.3	45.2	-0.1	-0.1%
27.2%	45.2	45.2	0.0	0.0%
28.4%	45.1	45.2	0.1	0.2%
29.6%	45.1	45.2	0.1	0.2%
30.9%	45.0	45.1	0.1	0.2%
32.1%	45.0	45.0	0.0	0.0%
33.3%	45.0	45.0	0.1	0.1%
34.6%	44.9	44.9	0.0	0.0%
35.8%	44.9	44.9	0.0	0.1%
37.0%	44.8	44.9	0.0	0.1%
38.3%	44.8	44.9	0.0	0.1%
39.5%	44.8	44.8	0.0	0.1%
40.7%	44.8	44.8	0.1	0.1%
42.0%	44.7	44.8	0.1	0.1%
43.2%	44.7	44.8	0.1	0.1%
44.4%	44.7	44.7	0.0	0.0%
45.7%	44.7	44.7	0.0	0.0%
46.9%	44.6	44.7	0.0	0.0%
48.1%	44.6	44.6	0.1	0.1%
49.4%	44.5	44.5	0.0	0.0%
50.6%	44.5	44.5	0.0	0.0%
51.9%	44.5	44.4	-0.1	-0.1%
53.1%	44.5	44.4	-0.1	-0.2%
54.3%	44.4	44.4	0.0	0.1%
55.6%	44.3	44.4	0.0	0.1%
56.8%	44.2	44.4	0.2	0.3%
58.0%	44.2	44.4	0.2	0.4%
59.3%	44.2	44.3	0.1	0.2%
60.5%	44.1	44.3	0.2	0.5%
61.7%	44.1	44.3	0.2	0.4%
63.0%	44.0	44.2	0.1	0.3%
64.2%	43.9	44.1	0.2	0.5%
65.4%	43.9	43.9	0.0	0.0%
66.7%	43.9	43.8	-0.1	-0.1%
67.9%	43.9	43.8	-0.1	-0.2%
69.1%	43.8	43.7	0.0	0.0%
70.4%	43.7	43.7	0.1	0.2%
71.6%	43.6	43.7	0.0	0.0%
72.8%	43.5	43.7	0.1	0.2%
74.1%	43.5	43.7	0.1	0.3%
75.3%	43.5	43.6	0.1	0.3%
76.5%	43.4	43.6	0.2	0.4%
77.8%	43.4	43.6	0.2	0.5%
79.0%	43.3	43.5	0.2	0.4%
80.2%	43.3	43.5	0.2	0.5%
81.5%	43.2	43.4	0.2	0.4%
82.7%	43.2	43.4	0.2	0.5%
84.0%	43.1	43.3	0.2	0.5%
85.2%	43.1	43.3	0.2	0.5%
86.4%	43.1	43.2	0.1	0.3%
87.7%	43.1	43.2	0.1	0.2%
88.9%	43.0	43.1	0.1	0.2%
90.1%	42.8	42.9	0.1	0.3%
91.4%	42.8	42.8	0.1	0.2%
92.6%	42.7	42.7	0.0	-0.1%
93.8%	42.7	42.7	0.0	-0.1%
95.1%	42.7	42.6	-0.1	-0.2%
96.3%	42.4	42.4	0.1	0.2%
97.5%	42.2	42.0	-0.1	-0.3%
98.8%	41.8	41.8	0.0	0.1%
100.0%	41.5	41.8	0.3	0.8%

Table SQ-10-3b

Sacramento River below Delevan, Monthly Temperature

Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.5	50.5	0.0	0.0%
1.2%	49.9	49.8	-0.1	-0.3%
2.5%	49.7	49.7	0.0	-0.1%
3.7%	49.6	49.7	0.1	0.1%
4.9%	49.4	49.6	0.2	0.5%
6.2%	49.3	49.4	0.1	0.1%
7.4%	49.3	49.4	0.0	0.1%
8.6%	49.2	49.3	0.1	0.3%
9.9%	49.0	48.9	-0.1	-0.2%
11.1%	48.8	48.7	-0.2	-0.3%
12.3%	48.6	48.5	0.0	-0.1%
13.6%	48.4	48.5	0.1	0.2%
14.8%	48.4	48.4	0.1	0.2%
16.0%	48.3	48.2	-0.1	-0.2%
17.3%	48.2	48.2	0.0	0.0%
18.5%	48.2	48.1	0.0	0.0%
19.8%	48.1	48.1	0.0	0.0%
21.0%	48.1	48.0	-0.1	-0.2%
22.2%	48.0	48.0	-0.1	-0.2%
23.5%	47.9	47.9	0.0	0.0%
24.7%	47.8	47.8	0.0	0.0%
25.9%	47.8	47.8	0.0	-0.1%
27.2%	47.8	47.8	0.0	-0.1%
28.4%	47.8	47.7	0.0	-0.1%
29.6%	47.7	47.7	0.0	-0.1%
30.9%	47.7	47.6	-0.1	-0.1%
32.1%	47.6	47.6	0.0	0.0%
33.3%	47.6	47.6	-0.1	-0.1%
34.6%	47.6	47.6	-0.1	-0.1%
35.8%	47.6	47.5	-0.1	-0.2%
37.0%	47.5	47.5	-0.1	-0.2%
38.3%	47.4	47.4	0.0	0.0%
39.5%	47.4	47.4	0.0	0.0%
40.7%	47.3	47.4	0.0	0.1%
42.0%	47.3	47.4	0.0	0.0%
43.2%	47.3	47.2	-0.1	-0.3%
44.4%	47.3	47.1	-0.1	-0.3%
45.7%	47.2	47.1	-0.1	-0.2%
46.9%	47.2	47.0	-0.1	-0.3%
48.1%	47.2	47.0	-0.2	-0.3%
49.4%	47.0	47.0	-0.1	-0.2%
50.6%	47.0	47.0	0.0	0.0%
51.9%	47.0	47.0	0.0	0.0%
53.1%	46.9	46.9	-0.1	-0.1%
54.3%	46.8	46.8	0.0	0.1%
55.6%	46.7	46.7	0.0	0.0%
56.8%	46.7	46.7	0.1	0.1%
58.0%	46.6	46.7	0.1	0.2%
59.3%	46.6	46.6	0.0	0.0%
60.5%	46.6	46.6	0.0	0.0%
61.7%	46.6	46.6	0.0	0.0%
63.0%	46.6	46.6	0.0	0.0%
64.2%	46.6	46.6	0.0	0.0%
65.4%	46.5	46.5	0.0	0.0%
66.7%	46.5	46.5	0.0	0.0%
67.9%	46.4	46.4	0.0	0.0%
69.1%	46.3	46.4	0.0	0.1%
70.4%	46.3	46.3	0.0	0.1%
71.6%	46.3	46.3	0.0	0.0%
72.8%	46.2	46.2	0.0	-0.1%
74.1%	46.2	46.2	0.0	-0.1%
75.3%	45.9	45.9	0.0	0.0%
76.5%	45.8	45.9	0.0	0.1%
77.8%	45.8	45.8	0.0	0.0%
79.0%	45.8	45.8	0.0	0.0%
80.2%	45.7	45.6	0.0	0.0%
81.5%	45.6	45.6	0.0	0.1%
82.7%	45.6	45.6	0.0	0.1%
84.0%	45.6	45.6	0.0	0.1%
85.2%	45.5	45.5	0.0	-0.1%
86.4%	45.4	45.4	0.0	-0.1%
87.7%	45.3	45.3	0.0	0.1%
88.9%	45.3	45.3	0.0	0.0%
90.1%	45.1	45.2	0.0	0.0%
91.4%	45.1	45.1	0.0	0.0%
92.6%	45.1	45.1	0.0	0.0%
93.8%	45.1	45.1	0.0	0.1%
95.1%	44.9	44.9	0.0	0.0%
96.3%	44.7	44.7	0.1	0.1%
97.5%	44.6	44.7	0.1	0.1%
98.8%	44.4	44.3	0.0	0.0%
100.0%	43.8	43.8	0.0	0.0%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.4	56.3	0.0	0.0%
1.2%	56.0	56.0	0.0	0.0%
2.5%	55.6	56.0	0.3	0.6%
3.7%	55.6	55.5	0.0	-0.1%
4.9%	55.2	55.2	0.0	-0.1%
6.2%	54.9	54.9	0.0	0.1%
7.4%	54.4	54.3	-0.1	-0.2%
8.6%	54.0	54.0	0.0	0.0%
9.9%	53.8	53.9	0.1	0.2%
11.1%	53.7	53.9	0.2	0.3%
12.3%	53.5	53.7	0.2	0.4%
13.6%	53.4	53.7	0.3	0.6%
14.8%	53.4	53.5	0.1	0.2%
16.0%	53.4	53.4	0.0	0.0%
17.3%	53.4	53.3	-0.1	-0.1%
18.5%	53.3	53.3	0.0	0.0%
19.8%	53.3	53.3	0.1	0.1%
21.0%	53.1	53.1	0.1	0.1%
22.2%	53.1	53.1	0.0	0.1%
23.5%	52.9	53.1	0.1	0.3%
24.7%	52.9	53.0	0.1	0.2%
25.9%	52.8	52.9	0.2	0.3%
27.2%	52.6	52.9	0.3	0.6%
28.4%	52.6	52.8	0.2	0.5%
29.6%	52.5	52.7	0.2	0.5%
30.9%	52.4	52.5	0.1	0.2%
32.1%	52.4	52.4	0.1	0.1%
33.3%	52.3	52.4	0.1	0.2%
34.6%	52.3	52.3	0.1	0.1%
35.8%	52.3	52.2	0.0	-0.1%
37.0%	52.1	52.1	0.1	0.1%
38.3%	52.0	52.1	0.1	0.2%
39.5%	51.8	52.0	0.2	0.5%
40.7%	51.8	52.0	0.2	0.3%
42.0%	51.8	51.8	0.0	0.0%
43.2%	51.7	51.8	0.0	0.1%
44.4%	51.7	51.7	0.1	0.1%
45.7%	51.6	51.7	0.1	0.2%
46.9%	51.6	51.7	0.1	0.2%
48.1%	51.5	51.7	0.2	0.4%
49.4%	51.4	51.6	0.2	0.5%
50.6%	51.4	51.6	0.2	0.5%
51.9%	51.4	51.5	0.1	0.3%
53.1%	51.3	51.4	0.1	0.2%
54.3%	51.2	51.4	0.2	0.3%
55.6%	51.1	51.3	0.1	0.3%
56.8%	51.1	51.2	0.1	0.2%
58.0%	51.0	51.0	0.0	0.0%
59.3%	51.0	51.0	0.1	0.1%
60.5%	50.9	51.0	0.1	0.1%
61.7%	50.9	51.0	0.1	0.1%
63.0%	50.9	50.9	0.0	0.0%
64.2%	50.7	50.9	0.1	0.2%
65.4%	50.7	50.7	0.1	0.1%
66.7%	50.6	50.6	0.0	0.0%
67.9%	50.5	50.6	0.1	0.2%
69.1%	50.5	50.6	0.1	0.2%
70.4%	50.3	50.5	0.2	0.3%
71.6%	50.3	50.4	0.2	0.3%
72.8%	50.2	50.3	0.1	0.3%
74.1%	50.2	50.3	0.2	0.3%
75.3%	50.0	50.1	0.0	0.1%
76.5%	50.0	50.0	0.1	0.1%
77.8%	49.7	49.8	0.0	0.1%
79.0%	49.5	49.5	0.0	0.0%
80.2%	49.4	49.4	-0.1	-0.1%
81.5%	49.2	49.3	0.0	0.1%
82.7%	49.2	49.2	0.0	-0.1%
84.0%	49.1	49.1	0.0	0.0%
85.2%	49.0	49.1	0.0	0.1%
86.4%	48.9	49.0	0.1	0.2%
87.7%	48.9	48.9	0.0	0.0%
88.9%	48.8	48.9	0.1	0.2%
90.1%	48.7	48.8	0.0	0.1%
91.4%	48.6	48.7	0.1	0.3%
92.6%	48.6	48.6	0.0	0.1%
93.8%	48.5	48.6	0.1	0.3%
95.1%	48.3	48.3	0.0	0.0%
96.3%	48.1	48.1	0.0	0.0%
97.5%	48.0	48.0	0.0	0.1%
98.8%	47.7	47.7	0.0	0.0%
100.0%	47.6	47.6	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	61.3	62.3	1.0	1.7%
1.2%	60.9	62.2	1.3	2.1%
2.5%	60.4	61.6	1.2	2.0%
3.7%	60.3	61.0	0.7	1.2%
4.9%	60.3	60.6	0.4	0.6%
6.2%	60.0	60.6	0.5	0.9%
7.4%	59.7	60.3	0.6	1.1%
8.6%	59.6	60.3	0.6	1.1%
9.9%	59.5	60.2	0.7	1.2%
11.1%	59.4	60.1	0.7	1.1%
12.3%	59.2	60.0	0.8	1.4%
13.6%	59.1	60.0	0.9	1.5%
14.8%	59.1	60.0	0.9	1.5%
16.0%	58.7	59.7	0.9	1.6%
17.3%	58.7	59.7	1.0	1.7%
18.5%	58.6	59.2	0.6	1.0%
19.8%	58.6	59.2	0.5	0.9%
21.0%	58.5	59.1	0.6	1.0%
22.2%	58.4	59.0	0.6	1.0%
23.5%	58.3	58.9	0.6	1.0%
24.7%	58.2	58.8	0.6	1.0%
25.9%	58.2	58.7	0.5	0.9%
27.2%	58.1	58.6	0.5	0.8%
28.4%	58.1	58.6	0.5	0.8%
29.6%	58.1	58.5	0.5	0.8%
30.9%	58.1	58.5	0.4	0.8%
32.1%	58.1	58.5	0.4	0.8%
33.3%	58.0	58.4	0.4	0.7%
34.6%	57.9	58.4	0.4	0.8%
35.8%	57.9	58.2	0.4	0.7%
37.0%	57.9	58.0	0.1	0.2%
38.3%	57.7	57.9	0.2	0.4%
39.5%	57.5	57.9	0.4	0.7%
40.7%	57.4	57.8	0.4	0.7%
42.0%	57.4	57.8	0.4	0.7%
43.2%	57.4	57.8	0.4	0.7%
44.4%	57.3	57.7	0.4	0.6%
45.7%	57.2	57.6	0.3	0.6%
46.9%	57.2	57.5	0.3	0.6%
48.1%	57.2	57.5	0.3	0.6%
49.4%	57.0	57.4	0.3	0.5%
50.6%	57.0	57.2	0.2	0.3%
51.9%	56.8	57.2	0.4	0.7%
53.1%	56.8	57.2	0.4	0.7%
54.3%	56.7	57.2	0.5	0.9%
55.6%	56.6	57.2	0.6	1.0%
56.8%	56.5	57.1	0.5	0.9%
58.0%	56.5	57.0	0.5	0.8%
59.3%	56.4	57.0	0.5	0.9%
60.5%	56.4	56.7	0.3	0.6%
61.7%	56.3	56.6	0.3	0.6%
63.0%	56.3	56.5	0.2	0.3%
64.2%	56.1	56.4	0.3	0.5%
65.4%	56.0	56.3	0.3	0.5%
66.7%	56.0	56.3	0.3	0.5%
67.9%	55.9	56.3	0.4	0.7%
69.1%	55.8	56.0	0.2	0.3%
70.4%	55.6	55.9	0.3	0.6%
71.6%	55.6	55.8	0.3	0.5%
72.8%	55.5	55.8	0.3	0.6%
74.1%	55.4	55.8	0.3	0.6%
75.3%	55.3	55.6	0.3	0.6%
76.5%	55.1	55.3	0.1	0.2%
77.8%	54.8	55.1	0.3	0.5%
79.0%	54.8	55.0	0.2	0.3%
80.2%	54.7	54.8	0.1	0.2%
81.5%	54.5	54.7	0.2	0.3%
82.7%	54.3	54.6	0.3	0.5%
84.0%	54.2	54.3	0.2	0.3%
85.2%	54.1	54.3	0.2	0.4%
86.4%	54.1	54.2	0.1	0.2%
87.7%	54.0	54.1	0.1	0.1%
88.9%	54.0	54.1	0.0	0.1%
90.1%	53.9	54.0	0.2	0.3%
91.4%	53.7	53.9	0.2	0.4%
92.6%	53.5	53.5	0.0	0.0%
93.8%	53.3	53.3	0.0	0.0%
95.1%	53.1	53.3	0.1	0.2%
96.3%	52.9	53.1	0.1	0.3%
97.5%	51.9	51.9	0.0	0.0%
98.8%	50.8	50.8	0.0	-0.1%
100.0%	49.5	49.5	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.6	65.7	0.1	0.1%
1.2%	65.5	65.3	-0.2	-0.3%
2.5%	64.9	65.2	0.3	0.5%
3.7%	64.7	65.2	0.5	0.7%
4.9%	64.6	64.8	0.3	0.4%
6.2%	64.4	64.4	-0.1	-0.1%
7.4%	64.4	64.3	0.0	-0.1%
8.6%	64.2	64.3	0.0	0.0%
9.9%	64.2	64.3	0.0	0.1%
11.1%	64.2	64.2	0.0	0.1%
12.3%	64.2	64.2	0.0	0.0%
13.6%	64.1	64.1	0.0	0.0%
14.8%	64.0	63.9	-0.1	-0.2%
16.0%	63.9	63.9	0.0	0.0%
17.3%	63.8	63.9	0.0	0.1%
18.5%	63.7	63.8	0.1	0.2%
19.8%	63.6	63.4	-0.2	-0.3%
21.0%	63.4	63.4	0.0	-0.1%
22.2%	63.4	63.4	0.0	0.0%
23.5%	63.0	63.4	0.4	0.6%
24.7%	62.9	63.3	0.3	0.5%
25.9%	62.8	63.2	0.4	0.7%
27.2%	62.8	63.1	0.3	0.5%
28.4%	62.7	63.0	0.3	0.4%
29.6%	62.6	63.0	0.3	0.5%
30.9%	62.6	62.9	0.3	0.5%
32.1%	62.6	62.8	0.2	0.3%
33.3%	62.5	62.8	0.2	0.4%
34.6%	62.5	62.6	0.1	0.2%
35.8%	62.3	62.5	0.2	0.4%
37.0%	62.1	62.5	0.4	0.6%
38.3%	62.1	62.5	0.4	0.6%
39.5%	62.1	62.5	0.4	0.7%
40.7%	62.0	62.5	0.4	0.7%
42.0%	62.0	62.3	0.3	0.5%
43.2%	62.0	62.3	0.4	0.6%
44.4%	61.9	62.3	0.4	0.6%
45.7%	61.9	62.3	0.4	0.6%
46.9%	61.9	62.2	0.3	0.5%
48.1%	61.8	62.1	0.3	0.5%
49.4%	61.8	62.1	0.3	0.5%
50.6%	61.8	62.1	0.3	0.5%
51.9%	61.8	62.0	0.3	0.4%
53.1%	61.8	62.0	0.2	0.4%
54.3%	61.7	62.0	0.2	0.4%
55.6%	61.7	62.0	0.2	0.4%
56.8%	61.7	62.0	0.2	0.4%
58.0%	61.7	61.9	0.2	0.4%
59.3%	61.7	61.9	0.2	0.3%
60.5%	61.7	61.8	0.2	0.3%
61.7%	61.6	61.8	0.2	0.3%
63.0%	61.5	61.8	0.3	0.5%
64.2%	61.5	61.8	0.3	0.5%
65.4%	61.4	61.7	0.2	0.4%
66.7%	61.4	61.5	0.2	0.2%
67.9%	61.3	61.5	0.2	0.3%
69.1%	61.3	61.4	0.2	0.3%
70.4%	61.3	61.3	0.0	0.0%
71.6%	61.2	61.2	0.0	0.0%
72.8%	61.1	61.1	0.0	0.0%
74.1%	61.0	61.1	0.0	0.0%
75.3%	60.9	61.0	0.2	0.3%
76.5%	60.8	60.9	0.1	0.1%
77.8%	60.8	60.9	0.1	0.2%
79.0%	60.8	60.8	0.0	0.0%
80.2%	60.7	60.8	0.0	0.1%
81.5%	60.7	60.7	0.0	0.0%
82.7%	60.7	60.6	-0.1	-0.2%
84.0%	60.4	60.3	-0.1	-0.1%
85.2%	60.2	60.2	0.0	0.1%
86.4%	60.2	60.2	0.0	0.1%
87.7%	60.1	60.1	0.0	0.0%
88.9%	60.1	60.1	0.0	0.0%
90.1%	59.8	59.9	0.0	0.0%
91.4%	59.5	59.5	0.0	0.1%
92.6%	59.0	59.3	0.2	0.4%
93.8%	59.0	59.1	0.2	0.3%
95.1%	58.9	58.7	-0.2	-0.4%
96.3%	58.7	58.7	0.0	0.0%
97.5%	58.6	58.5	-0.1	-0.3%
98.8%	58.0	57.9	-0.1	-0.2%
100.0%	55.5	55.5	0.0	0.0%

Table SQ-10-3b

Sacramento River below Delevan, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.6	67.9	0.2	0.4%
1.2%	67.6	67.1	-0.4	-0.7%
2.5%	66.7	66.7	0.0	0.0%
3.7%	66.6	66.3	-0.3	-0.4%
4.9%	66.4	66.3	-0.2	-0.3%
6.2%	66.4	65.4	-1.0	-1.4%
7.4%	66.0	65.4	-0.6	-0.9%
8.6%	65.9	65.2	-0.7	-1.0%
9.9%	65.9	65.2	-0.7	-1.1%
11.1%	65.8	65.1	-0.6	-1.0%
12.3%	65.7	65.1	-0.7	-1.0%
13.6%	65.5	65.0	-0.4	-0.7%
14.8%	65.4	65.0	-0.3	-0.5%
16.0%	65.3	65.0	-0.3	-0.5%
17.3%	65.2	65.0	-0.2	-0.3%
18.5%	65.2	64.9	-0.3	-0.5%
19.8%	65.1	64.8	-0.4	-0.6%
21.0%	65.1	64.7	-0.4	-0.6%
22.2%	65.1	64.7	-0.4	-0.7%
23.5%	65.1	64.6	-0.5	-0.8%
24.7%	65.1	64.5	-0.6	-0.9%
25.9%	64.9	64.5	-0.5	-0.7%
27.2%	64.9	64.5	-0.5	-0.7%
28.4%	64.9	64.4	-0.5	-0.7%
29.6%	64.9	64.4	-0.5	-0.7%
30.9%	64.9	64.4	-0.5	-0.7%
32.1%	64.6	64.3	-0.4	-0.5%
33.3%	64.6	64.1	-0.5	-0.7%
34.6%	64.5	64.1	-0.5	-0.7%
35.8%	64.5	64.1	-0.5	-0.7%
37.0%	64.4	64.0	-0.5	-0.7%
38.3%	64.4	64.0	-0.5	-0.7%
39.5%	64.4	63.9	-0.4	-0.7%
40.7%	64.3	63.8	-0.5	-0.7%
42.0%	64.2	63.7	-0.5	-0.8%
43.2%	64.2	63.7	-0.5	-0.8%
44.4%	64.2	63.6	-0.5	-0.8%
45.7%	64.2	63.6	-0.5	-0.8%
46.9%	64.1	63.6	-0.5	-0.8%
48.1%	64.0	63.6	-0.4	-0.6%
49.4%	64.0	63.6	-0.3	-0.5%
50.6%	63.9	63.6	-0.3	-0.4%
51.9%	63.9	63.5	-0.4	-0.6%
53.1%	63.8	63.4	-0.4	-0.6%
54.3%	63.7	63.3	-0.4	-0.6%
55.6%	63.7	63.3	-0.4	-0.7%
56.8%	63.6	63.3	-0.3	-0.5%
58.0%	63.5	63.3	-0.2	-0.3%
59.3%	63.4	63.2	-0.2	-0.3%
60.5%	63.4	63.2	-0.2	-0.3%
61.7%	63.3	63.2	-0.2	-0.3%
63.0%	63.3	63.2	-0.1	-0.2%
64.2%	63.3	63.1	-0.1	-0.2%
65.4%	63.2	63.0	-0.2	-0.4%
66.7%	63.2	63.0	-0.2	-0.3%
67.9%	63.1	63.0	-0.2	-0.3%
69.1%	63.1	63.0	-0.2	-0.3%
70.4%	63.1	63.0	-0.2	-0.2%
71.6%	63.0	62.8	-0.2	-0.3%
72.8%	63.0	62.7	-0.2	-0.4%
74.1%	63.0	62.7	-0.3	-0.4%
75.3%	62.9	62.7	-0.3	-0.4%
76.5%	62.9	62.6	-0.3	-0.5%
77.8%	62.9	62.6	-0.3	-0.5%
79.0%	62.9	62.5	-0.3	-0.5%
80.2%	62.8	62.5	-0.3	-0.5%
81.5%	62.8	62.5	-0.4	-0.6%
82.7%	62.7	62.4	-0.3	-0.5%
84.0%	62.6	62.4	-0.3	-0.4%
85.2%	62.6	62.3	-0.4	-0.6%
86.4%	62.5	62.2	-0.3	-0.4%
87.7%	62.5	62.2	-0.3	-0.4%
88.9%	62.4	62.2	-0.2	-0.4%
90.1%	62.4	61.8	-0.6	-0.9%
91.4%	62.4	61.8	-0.6	-1.0%
92.6%	62.2	61.7	-0.5	-0.8%
93.8%	62.0	61.4	-0.6	-1.0%
95.1%	62.0	61.4	-0.6	-1.0%
96.3%	61.6	61.3	-0.3	-0.5%
97.5%	61.5	61.2	-0.3	-0.5%
98.8%	61.5	61.0	-0.4	-0.7%
100.0%	60.6	60.6	0.1	0.1%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	69.7	69.4	-0.3	-0.4%
1.2%	69.6	68.6	-1.1	-1.6%
2.5%	68.7	68.4	-0.3	-0.5%
3.7%	68.5	68.2	-0.3	-0.4%
4.9%	68.1	67.8	-0.3	-0.5%
6.2%	67.9	67.7	-0.2	-0.3%
7.4%	67.9	67.5	-0.3	-0.5%
8.6%	67.8	67.2	-0.6	-1.0%
9.9%	67.7	67.0	-0.6	-0.9%
11.1%	67.6	66.9	-0.7	-1.0%
12.3%	67.6	66.9	-0.7	-1.0%
13.6%	67.6	66.9	-0.7	-1.0%
14.8%	67.5	66.8	-0.7	-1.0%
16.0%	67.1	66.8	-0.4	-0.5%
17.3%	67.1	66.7	-0.4	-0.6%
18.5%	67.0	66.6	-0.4	-0.6%
19.8%	67.0	66.6	-0.3	-0.5%
21.0%	66.8	66.5	-0.3	-0.4%
22.2%	66.7	66.4	-0.2	-0.4%
23.5%	66.7	66.3	-0.4	-0.6%
24.7%	66.7	66.2	-0.5	-0.7%
25.9%	66.7	66.2	-0.5	-0.7%
27.2%	66.4	66.2	-0.2	-0.3%
28.4%	66.4	66.1	-0.3	-0.5%
29.6%	66.4	66.0	-0.4	-0.5%
30.9%	66.4	65.9	-0.5	-0.7%
32.1%	66.4	65.8	-0.5	-0.8%
33.3%	66.3	65.8	-0.5	-0.8%
34.6%	66.2	65.8	-0.4	-0.6%
35.8%	66.0	65.7	-0.3	-0.5%
37.0%	65.9	65.7	-0.2	-0.3%
38.3%	65.9	65.6	-0.2	-0.4%
39.5%	65.9	65.6	-0.2	-0.4%
40.7%	65.8	65.6	-0.2	-0.3%
42.0%	65.7	65.6	-0.1	-0.2%
43.2%	65.6	65.4	-0.3	-0.4%
44.4%	65.5	65.3	-0.1	-0.2%
45.7%	65.5	65.3	-0.2	-0.3%
46.9%	65.4	65.2	-0.2	-0.3%
48.1%	65.4	65.1	-0.3	-0.5%
49.4%	65.3	65.0	-0.3	-0.4%
50.6%	65.3	65.0	-0.3	-0.5%
51.9%	65.3	65.0	-0.3	-0.5%
53.1%	65.3	64.9	-0.3	-0.5%
54.3%	65.2	64.8	-0.4	-0.6%
55.6%	65.2	64.8	-0.4	-0.6%
56.8%	65.1	64.8	-0.3	-0.5%
58.0%	65.1	64.6	-0.5	-0.8%
59.3%	65.1	64.6	-0.5	-0.8%
60.5%	65.0	64.5	-0.5	-0.8%
61.7%	65.0	64.5	-0.5	-0.8%
63.0%	64.9	64.4	-0.5	-0.7%
64.2%	64.9	64.4	-0.5	-0.7%
65.4%	64.8	64.4	-0.5	-0.7%
66.7%	64.7	64.3	-0.4	-0.6%
67.9%	64.6	64.3	-0.3	-0.4%
69.1%	64.5	64.2	-0.3	-0.5%
70.4%	64.5	64.2	-0.3	-0.5%
71.6%	64.5	64.1	-0.4	-0.6%
72.8%	64.4	64.1	-0.4	-0.6%
74.1%	64.4	64.0	-0.4	-0.6%
75.3%	64.3	64.0	-0.3	-0.4%
76.5%	64.3	64.0	-0.3	-0.4%
77.8%	64.2	64.0	-0.2	-0.3%
79.0%	64.2	64.0	-0.2	-0.3%
80.2%	64.1	64.0	-0.1	-0.2%
81.5%	63.9	63.9	0.0	0.0%
82.7%	63.9	63.9	0.0	0.0%
84.0%	63.9	63.7	-0.2	-0.3%
85.2%	63.9	63.6	-0.3	-0.5%
86.4%	63.7	63.3	-0.4	-0.6%
87.7%	63.7	63.2	-0.6	-0.9%
88.9%	63.4	63.1	-0.3	-0.4%
90.1%	63.3	62.7	-0.7	-1.1%
91.4%	63.3	62.7	-0.6	-0.9%
92.6%	63.2	62.6	-0.6	-0.9%
93.8%	63.1	62.6	-0.6	-0.9%
95.1%	63.1	62.5	-0.6	-0.9%
96.3%	62.7	62.5	-0.2	-0.4%
97.5%	62.7	62.1	-0.6	-0.9%
98.8%	62.4	61.8	-0.6	-1.0%
100.0%	62.0	61.3	-0.7	-1.1%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	71.7	70.7	-1.1	-1.5%
1.2%	71.5	69.7	-1.8	-2.5%
2.5%	69.9	68.8	-1.1	-1.6%
3.7%	69.7	68.7	-1.0	-1.4%
4.9%	69.3	68.5	-0.8	-1.1%
6.2%	68.9	68.1	-0.9	-1.3%
7.4%	68.2	67.8	-0.4	-0.5%
8.6%	68.0	67.6	-0.4	-0.5%
9.9%	68.0	67.6	-0.4	-0.5%
11.1%	68.0	67.6	-0.4	-0.5%
12.3%	67.9	67.2	-0.7	-1.0%
13.6%	67.8	67.2	-0.7	-1.0%
14.8%	67.7	66.9	-0.9	-1.3%
16.0%	67.3	66.8	-0.5	-0.7%
17.3%	67.3	66.7	-0.6	-0.9%
18.5%	67.2	66.6	-0.6	-0.8%
19.8%	67.1	66.6	-0.5	-0.8%
21.0%	67.0	66.5	-0.5	-0.7%
22.2%	67.0	66.5	-0.5	-0.7%
23.5%	66.6	66.5	-0.1	-0.2%
24.7%	66.5	66.4	-0.1	-0.1%
25.9%	66.4	66.4	0.0	0.0%
27.2%	66.4	66.4	0.0	0.0%
28.4%	66.3	66.3	0.0	0.0%
29.6%	66.3	66.2	-0.1	-0.2%
30.9%	66.3	66.2	-0.1	-0.1%
32.1%	66.2	66.2	0.0	0.0%
33.3%	66.2	66.1	-0.1	-0.1%
34.6%	66.1	66.1	-0.1	-0.1%
35.8%	66.1	66.0	-0.1	-0.1%
37.0%	66.1	65.9	-0.1	-0.2%
38.3%	66.0	65.9	-0.2	-0.2%
39.5%	65.9	65.9	-0.1	-0.1%
40.7%	65.9	65.8	0.0	-0.1%
42.0%	65.8	65.7	-0.1	-0.1%
43.2%	65.8	65.7	-0.1	-0.1%
44.4%	65.8	65.7	-0.1	-0.1%
45.7%	65.7	65.7	0.0	0.0%
46.9%	65.6	65.6	0.0	0.1%
48.1%	65.5	65.6	0.0	0.0%
49.4%	65.5	65.5	0.0	0.1%
50.6%	65.5	65.5	0.0	0.1%
51.9%	65.4	65.5	0.1	0.1%
53.1%	65.4	65.5	0.1	0.1%
54.3%	65.4	65.5	0.1	0.1%
55.6%	65.4	65.5	0.1	0.1%
56.8%	65.3	65.4	0.1	0.2%
58.0%	65.3	65.4	0.1	0.2%
59.3%	65.3	65.4	0.1	0.2%
60.5%	65.2	65.4	0.2	0.3%
61.7%	65.2	65.3	0.1	0.2%
63.0%	65.2	65.2	0.0	0.1%
64.2%	65.1	65.1	-0.1	-0.1%
65.4%	65.1	65.1	-0.1	-0.1%
66.7%	65.0	65.0	0.0	0.0%
67.9%	65.0	65.0	-0.1	-0.1%
69.1%	65.0	64.9	-0.1	-0.1%
70.4%	64.9	64.9	0.0	0.0%
71.6%	64.8	64.8	0.0	0.0%
72.8%	64.4	64.7	0.3	0.4%
74.1%	64.4	64.7	0.3	0.5%
75.3%	64.3	64.7	0.3	0.5%
76.5%	64.3	64.6	0.4	0.6%
77.8%	64.3	64.6	0.3	0.5%
79.0%	64.3	64.6	0.3	0.5%
80.2%	64.3	64.5	0.2	0.4%
81.5%	64.2	64.4	0.2	0.3%
82.7%	64.2	64.3	0.2	0.2%
84.0%	63.9	64.3	0.4	0.6%
85.2%	63.9	64.2	0.3	0.5%
86.4%	63.9	64.1	0.2	0.4%
87.7%	63.7	64.0	0.4	0.6%
88.9%	63.6	64.0	0.4	0.7%
90.1%	63.5	63.9	0.4	0.6%
91.4%	63.5	63.9	0.5	0.7%
92.6%	63.4	63.7	0.3	0.5%
93.8%	63.2	63.7	0.4	0.7%
95.1%	63.2	63.6	0.4	0.6%
96.3%	63.2	63.2	0.1	0.1%
97.5%	63.1	63.0	-0.1	-0.2%
98.8%	63.0	62.8	-0.3	-0.4%
100.0%	62.8	62.7	-0.1	-0.1%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	68.7	68.4	-0.4	-0.6%
1.2%	68.5	68.0	-0.5	-0.7%
2.5%	68.3	68.0	-0.3	-0.5%
3.7%	68.2	67.6	-0.6	-0.9%
4.9%	67.8	67.1	-0.7	-1.0%
6.2%	67.4	67.1	-0.3	-0.4%
7.4%	67.0	66.6	-0.4	-0.6%
8.6%	66.6	66.5	-0.1	-0.2%
9.9%	66.3	66.3	-0.1	-0.1%
11.1%	66.3	66.2	-0.1	-0.1%
12.3%	66.1	65.8	-0.3	-0.5%
13.6%	66.0	65.5	-0.5	-0.8%
14.8%	66.0	65.5	-0.6	-0.8%
16.0%	65.7	65.0	-0.6	-1.0%
17.3%	65.4	65.0	-0.4	-0.6%
18.5%	65.3	64.9	-0.3	-0.5%
19.8%	65.2	64.8	-0.4	-0.6%
21.0%	65.1	64.8	-0.3	-0.4%
22.2%	65.0	64.8	-0.2	-0.3%
23.5%	65.0	64.5	-0.4	-0.7%
24.7%	64.9	64.4	-0.5	-0.8%
25.9%	64.8	64.4	-0.4	-0.6%
27.2%	64.8	64.4	-0.4	-0.6%
28.4%	64.8	64.4	-0.4	-0.6%
29.6%	64.7	64.3	-0.3	-0.5%
30.9%	64.6	64.3	-0.3	-0.4%
32.1%	64.5	64.3	-0.2	-0.4%
33.3%	64.4	64.3	-0.1	-0.2%
34.6%	64.4	64.1	-0.2	-0.3%
35.8%	64.3	64.1	-0.2	-0.3%
37.0%	64.2	64.0	-0.2	-0.4%
38.3%	64.0	64.0	0.0	0.0%
39.5%	64.0	63.9	-0.1	-0.1%
40.7%	63.9	63.6	-0.3	-0.5%
42.0%	63.8	63.5	-0.3	-0.4%
43.2%	63.7	63.5	-0.3	-0.4%
44.4%	63.6	63.5	-0.2	-0.3%
45.7%	63.5	63.4	-0.1	-0.2%
46.9%	63.5	63.3	-0.2	-0.3%
48.1%	63.4	63.3	-0.1	-0.2%
49.4%	63.4	63.3	-0.1	-0.2%
50.6%	63.3	63.2	-0.1	-0.1%
51.9%	63.2	63.2	0.0	0.0%
53.1%	63.2	63.2	0.0	0.0%
54.3%	63.0	63.1	0.1	0.2%
55.6%	62.9	63.1	0.2	0.3%
56.8%	62.8	63.0	0.2	0.3%
58.0%	62.8	63.0	0.2	0.3%
59.3%	62.8	63.0	0.2	0.3%
60.5%	62.5	62.9	0.4	0.7%
61.7%	62.5	62.9	0.4	0.6%
63.0%	62.4	62.8	0.5	0.7%
64.2%	62.3	62.8	0.5	0.7%
65.4%	62.3	62.7	0.4	0.6%
66.7%	62.3	62.7	0.4	0.7%
67.9%	62.2	62.3	0.0	0.0%
69.1%	61.9	62.1	0.2	0.3%
70.4%	61.8	61.9	0.1	0.2%
71.6%	61.6	61.8	0.2	0.4%
72.8%	61.6	61.7	0.1	0.2%
74.1%	61.6	61.7	0.1	0.2%
75.3%	61.5	61.7	0.1	0.2%
76.5%	61.4	61.6	0.2	0.3%
77.8%	61.2	61.5	0.3	0.4%
79.0%	61.2	61.5	0.3	0.4%
80.2%	61.2	61.5	0.3	0.4%
81.5%	61.0	61.4	0.3	0.6%
82.7%	61.0	61.2	0.2	0.3%
84.0%	61.0	61.1	0.1	0.2%
85.2%	60.9	61.0	0.1	0.2%
86.4%	60.9	61.0	0.1	0.1%
87.7%	60.8	60.8	0.1	0.1%
88.9%	60.7	60.8	0.1	0.2%
90.1%	60.6	60.7	0.1	0.2%
91.4%	60.5	60.5	0.0	0.0%
92.6%	60.4	60.4	0.0	0.0%
93.8%	60.3	60.2	-0.1	-0.2%
95.1%	60.0	60.1	0.2	0.3%
96.3%	59.7	59.6	-0.1	-0.1%
97.5%	59.2	59.6	0.4	0.6%
98.8%	59.0	59.0	0.1	0.1%
100.0%	59.0	58.6	-0.4	-0.7%

Table SQ-11-3a
Sacramento River at Knights Landing, Monthly Temperature
Long-term Average and Average by Water Year Type

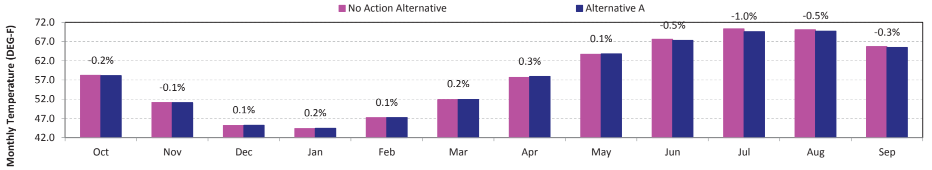
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	58.3	51.1	45.2	44.4	47.2	51.9	57.7	63.7	67.6	70.3	70.1	65.7
Alternative A	58.1	51.1	45.2	44.4	47.2	52.0	57.9	63.8	67.3	69.6	69.7	65.4
Difference	-0.1	-0.1	0.0	0.1	0.0	0.1	0.2	0.1	-0.3	-0.7	-0.4	-0.2
Percent Difference[3]	-0.2%	-0.1%	0.1%	0.2%	0.1%	0.2%	0.3%	0.1%	-0.5%	-1.0%	-0.5%	-0.3%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	57.6	51.3	45.2	44.7	46.8	50.6	55.4	62.5	67.1	70.7	70.0	63.5
Alternative A	57.4	51.2	45.3	44.7	46.8	50.6	55.5	62.5	66.7	70.1	70.1	63.3
Difference	-0.2	-0.1	0.1	0.0	0.0	0.1	0.1	0.0	-0.4	-0.6	0.0	-0.1
Percent Difference	-0.3%	-0.2%	0.2%	0.1%	0.1%	0.1%	0.2%	-0.1%	-0.6%	-0.9%	0.1%	-0.2%
Above Normal (15%)												
No Action Alternative	58.0	50.7	45.5	44.8	47.0	51.7	57.6	64.4	67.9	69.8	70.1	65.4
Alternative A	57.9	50.7	45.6	44.8	47.1	51.8	57.8	64.3	67.6	68.8	69.9	65.5
Difference	-0.1	0.0	0.1	0.1	0.0	0.1	0.2	-0.1	-0.3	-1.0	-0.2	0.1
Percent Difference	-0.1%	0.0%	0.3%	0.2%	0.1%	0.3%	0.3%	-0.1%	-0.5%	-1.4%	-0.3%	0.2%
Below Normal (17%)												
No Action Alternative	57.7	51.0	45.3	44.2	46.7	51.9	58.6	64.2	67.7	70.1	69.8	66.5
Alternative A	57.4	50.9	45.3	44.2	46.7	52.1	58.9	64.5	67.4	69.0	69.5	66.0
Difference	-0.3	-0.1	0.0	0.1	0.1	0.2	0.3	0.3	-0.3	-1.1	-0.3	-0.4
Percent Difference	-0.5%	-0.1%	0.0%	0.1%	0.1%	0.4%	0.5%	0.4%	-0.4%	-1.5%	-0.4%	-0.6%
Dry (22%)												
No Action Alternative	58.6	51.4	45.2	44.0	47.4	52.6	59.4	64.2	68.2	69.9	69.7	67.0
Alternative A	58.5	51.4	45.2	44.1	47.5	52.8	59.7	64.4	67.9	69.2	69.2	66.7
Difference	-0.1	-0.1	0.0	0.1	0.0	0.2	0.3	0.2	-0.3	-0.7	-0.5	-0.2
Percent Difference	-0.1%	-0.1%	-0.1%	0.3%	0.1%	0.3%	0.5%	0.2%	-0.5%	-1.0%	-0.7%	-0.3%
Critical (15%)												
No Action Alternative	60.1	50.9	44.7	44.1	48.4	53.6	59.3	64.4	67.5	70.7	71.1	67.8
Alternative A	60.0	50.8	44.7	44.2	48.5	53.7	59.5	64.6	67.3	70.3	69.7	67.3
Difference	-0.1	-0.1	0.0	0.1	0.1	0.1	0.2	0.2	-0.2	-0.4	-1.3	-0.5
Percent Difference	-0.2%	-0.2%	0.1%	0.2%	0.2%	0.2%	0.4%	0.3%	-0.3%	-0.5%	-1.9%	-0.7%

1 Based on the 82-year simulation period

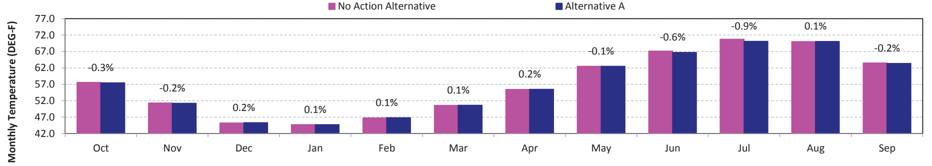
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

3 Relative difference of the monthly average

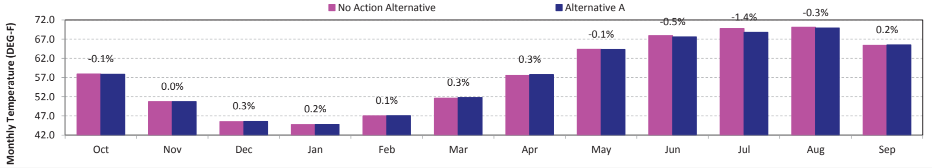
Sacramento River at Knights Landing, Monthly Temperature
Full Simulation Period



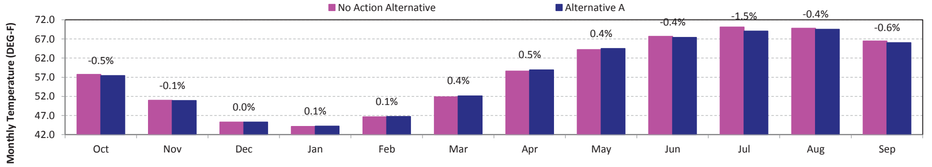
Sacramento River at Knights Landing, Monthly Temperature
Wet Water Year Types (32%)



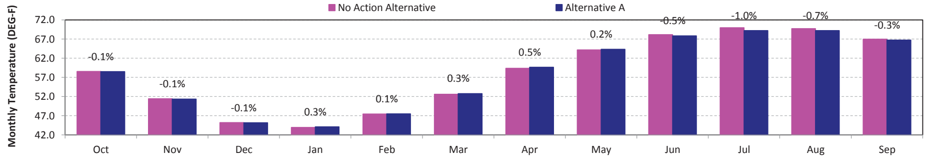
Sacramento River at Knights Landing, Monthly Temperature
Above Normal Water Year Types (15%)



Sacramento River at Knights Landing, Monthly Temperature
Below Normal Water Year Types (17%)



Sacramento River at Knights Landing, Monthly Temperature
Dry Water Year Types (22%)



Sacramento River at Knights Landing, Monthly Temperature
Critical Water Year Types (15%)

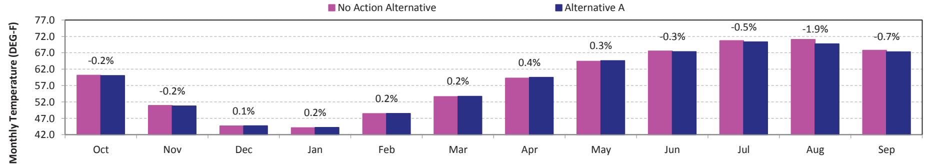


Figure SQ-11-3b
Sacramento River at Knights Landing, Monthly Temperature
Probability of Exceedance

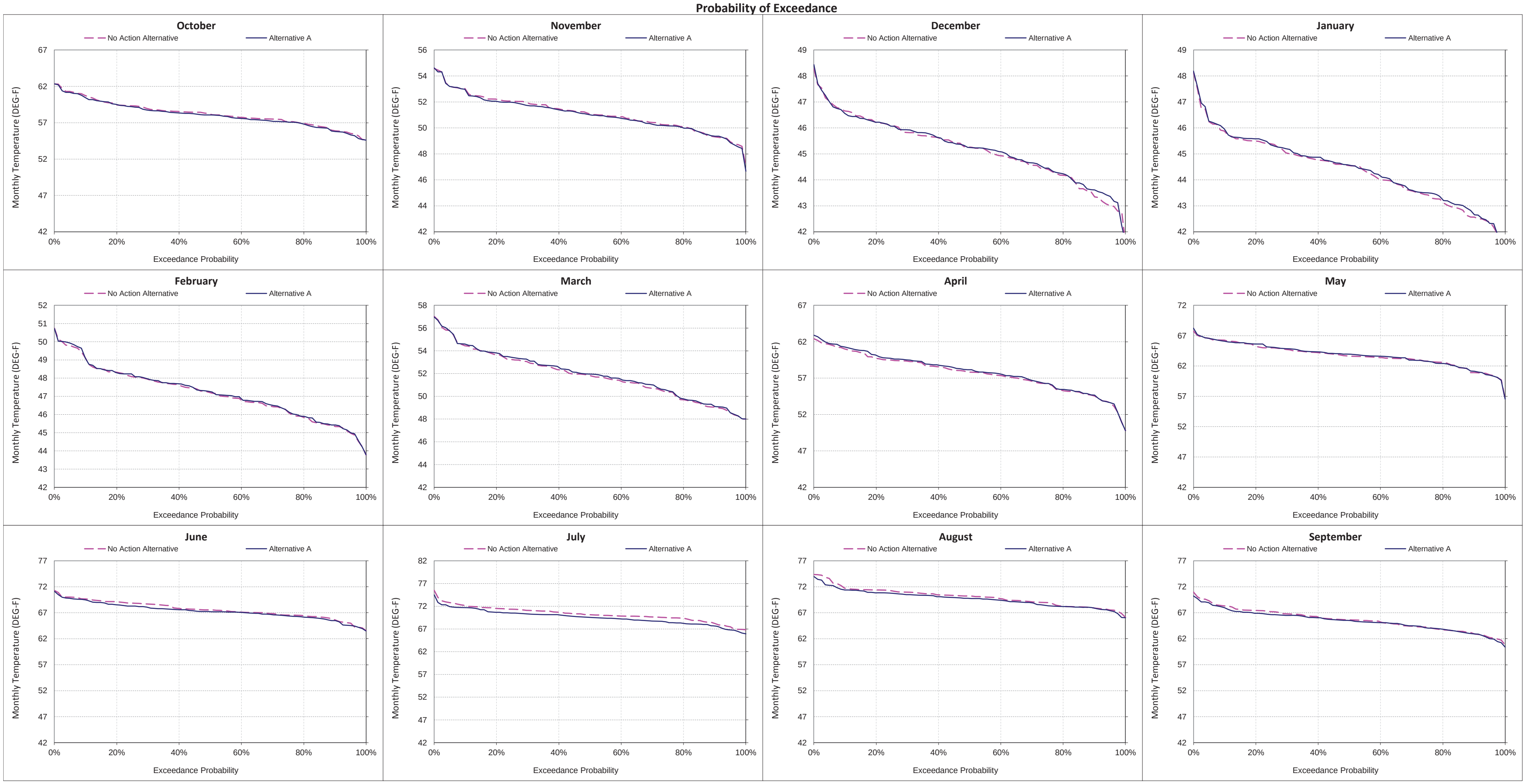


Table SQ-11-3b

Sacramento River at Knights Landing, Monthly Temperature
Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	62.3	62.3	0.0	0.0%
1.2%	62.3	62.2	-0.1	-0.2%
2.5%	61.7	61.4	-0.3	-0.6%
3.7%	61.3	61.2	-0.1	-0.2%
4.9%	61.3	61.2	-0.1	-0.2%
6.2%	61.2	61.0	-0.1	-0.2%
7.4%	61.0	61.0	0.0	-0.1%
8.6%	61.0	60.8	-0.2	-0.3%
9.9%	60.7	60.4	-0.3	-0.5%
11.1%	60.5	60.2	-0.4	-0.6%
12.3%	60.4	60.2	-0.2	-0.3%
13.6%	60.1	60.0	-0.1	-0.2%
14.8%	60.0	60.0	0.0	0.0%
16.0%	59.8	59.9	0.0	0.1%
17.3%	59.8	59.8	0.1	0.2%
18.5%	59.7	59.6	-0.1	-0.2%
19.8%	59.4	59.6	0.1	0.2%
21.0%	59.4	59.4	0.0	0.0%
22.2%	59.4	59.3	0.0	0.0%
23.5%	59.3	59.2	-0.1	-0.2%
24.7%	59.3	59.2	-0.1	-0.2%
25.9%	59.3	59.1	-0.2	-0.3%
27.2%	59.2	59.1	-0.1	-0.2%
28.4%	59.2	58.9	-0.3	-0.5%
29.6%	59.0	58.8	-0.2	-0.3%
30.9%	58.8	58.7	-0.1	-0.2%
32.1%	58.8	58.7	-0.1	-0.2%
33.3%	58.8	58.7	-0.1	-0.2%
34.6%	58.7	58.6	-0.1	-0.2%
35.8%	58.6	58.5	-0.1	-0.1%
37.0%	58.6	58.4	-0.2	-0.3%
38.3%	58.6	58.4	-0.2	-0.3%
39.5%	58.6	58.3	-0.2	-0.4%
40.7%	58.5	58.3	-0.2	-0.3%
42.0%	58.5	58.3	-0.2	-0.3%
43.2%	58.5	58.3	-0.2	-0.3%
44.4%	58.4	58.3	-0.2	-0.3%
45.7%	58.4	58.2	-0.3	-0.4%
46.9%	58.4	58.1	-0.3	-0.5%
48.1%	58.3	58.1	-0.3	-0.4%
49.4%	58.3	58.1	-0.2	-0.4%
50.6%	58.1	58.1	0.0	-0.1%
51.9%	58.1	58.0	0.0	-0.1%
53.1%	58.1	58.0	-0.1	-0.1%
54.3%	57.9	57.9	0.0	-0.1%
55.6%	57.9	57.9	-0.1	-0.1%
56.8%	57.9	57.7	-0.2	-0.3%
58.0%	57.9	57.6	-0.2	-0.4%
59.3%	57.7	57.6	-0.1	-0.2%
60.5%	57.7	57.6	-0.1	-0.2%
61.7%	57.7	57.5	-0.1	-0.2%
63.0%	57.6	57.4	-0.2	-0.3%
64.2%	57.6	57.4	-0.2	-0.3%
65.4%	57.6	57.4	-0.2	-0.3%
66.7%	57.6	57.4	-0.2	-0.3%
67.9%	57.5	57.3	-0.2	-0.3%
69.1%	57.5	57.3	-0.2	-0.4%
70.4%	57.5	57.2	-0.3	-0.5%
71.6%	57.5	57.2	-0.3	-0.5%
72.8%	57.4	57.1	-0.3	-0.5%
74.1%	57.2	57.1	0.0	-0.1%
75.3%	57.2	57.1	-0.1	-0.1%
76.5%	57.1	57.1	-0.1	-0.2%
77.8%	57.1	57.0	0.0	-0.1%
79.0%	57.0	56.9	0.0	-0.1%
80.2%	56.9	56.8	-0.1	-0.2%
81.5%	56.8	56.6	-0.2	-0.3%
82.7%	56.7	56.4	-0.3	-0.5%
84.0%	56.6	56.4	-0.3	-0.4%
85.2%	56.5	56.3	-0.2	-0.3%
86.4%	56.4	56.3	-0.1	-0.2%
87.7%	56.3	56.3	0.0	-0.1%
88.9%	56.0	55.8	-0.1	-0.2%
90.1%	55.9	55.8	-0.1	-0.2%
91.4%	55.8	55.8	-0.1	-0.1%
92.6%	55.8	55.7	-0.1	-0.1%
93.8%	55.7	55.5	-0.2	-0.3%
95.1%	55.5	55.3	-0.2	-0.3%
96.3%	55.5	55.2	-0.2	-0.4%
97.5%	55.2	54.8	-0.4	-0.7%
98.8%	54.7	54.7	0.0	0.0%
100.0%	54.7	54.6	0.0	-0.1%

November				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.6	54.6	0.0	0.1%
1.2%	54.5	54.3	-0.1	-0.3%
2.5%	54.3	54.3	0.0	0.0%
3.7%	53.5	53.4	0.0	-0.1%
4.9%	53.2	53.2	0.0	0.0%
6.2%	53.1	53.1	0.0	0.0%
7.4%	53.1	53.1	0.0	0.0%
8.6%	53.0	53.0	0.0	0.0%
9.9%	53.0	53.0	-0.1	-0.1%
11.1%	52.6	52.5	-0.1	-0.2%
12.3%	52.5	52.5	0.0	0.0%
13.6%	52.5	52.4	-0.1	-0.1%
14.8%	52.4	52.3	-0.1	-0.2%
16.0%	52.4	52.2	-0.2	-0.4%
17.3%	52.2	52.1	-0.1	-0.3%
18.5%	52.2	52.1	-0.2	-0.3%
19.8%	52.2	52.1	-0.2	-0.3%
21.0%	52.2	52.0	-0.2	-0.3%
22.2%	52.1	52.0	-0.1	-0.2%
23.5%	52.1	52.0	-0.1	-0.2%
24.7%	52.1	52.0	-0.1	-0.2%
25.9%	52.0	51.9	-0.1	-0.2%
27.2%	52.0	51.9	-0.1	-0.3%
28.4%	52.0	51.8	-0.2	-0.5%
29.6%	52.0	51.7	-0.2	-0.4%
30.9%	51.8	51.7	-0.1	-0.3%
32.1%	51.8	51.7	-0.1	-0.2%
33.3%	51.8	51.7	-0.1	-0.3%
34.6%	51.8	51.6	-0.1	-0.3%
35.8%	51.8	51.6	-0.2	-0.4%
37.0%	51.5	51.5	0.0	0.1%
38.3%	51.5	51.5	0.0	0.0%
39.5%	51.5	51.4	-0.1	-0.1%
40.7%	51.4	51.4	-0.1	-0.1%
42.0%	51.4	51.3	-0.1	-0.1%
43.2%	51.3	51.3	0.0	-0.1%
44.4%	51.3	51.3	0.0	-0.1%
45.7%	51.2	51.2	0.0	0.0%
46.9%	51.2	51.1	-0.1	-0.3%
48.1%	51.2	51.1	-0.1	-0.3%
49.4%	51.1	51.0	-0.1	-0.2%
50.6%	51.0	51.0	-0.1	-0.1%
51.9%	51.0	51.0	-0.1	-0.1%
53.1%	51.0	50.9	-0.1	-0.1%
54.3%	51.0	50.9	-0.1	-0.1%
55.6%	50.9	50.9	-0.1	-0.1%
56.8%	50.9	50.8	-0.1	-0.1%
58.0%	50.9	50.8	-0.1	-0.1%
59.3%	50.9	50.8	-0.1	-0.2%
60.5%	50.9	50.7	-0.1	-0.3%
61.7%	50.7	50.7	-0.1	-0.1%
63.0%	50.7	50.6	-0.1	-0.3%
64.2%	50.6	50.6	0.0	-0.1%
65.4%	50.5	50.5	0.0	0.0%
66.7%	50.5	50.5	-0.1	-0.1%
67.9%	50.5	50.4	-0.1	-0.3%
69.1%	50.4	50.3	-0.1	-0.2%
70.4%	50.4	50.3	-0.1	-0.3%
71.6%	50.4	50.2	-0.2	-0.4%
72.8%	50.3	50.2	-0.1	-0.1%
74.1%	50.2	50.2	-0.1	-0.1%
75.3%	50.2	50.2	-0.1	-0.1%
76.5%	50.2	50.1	-0.1	-0.2%
77.8%	50.2	50.1	-0.1	-0.1%
79.0%	50.1	50.1	0.0	-0.1%
80.2%	50.1	50.0	-0.1	-0.2%
81.5%	50.0	50.0	0.0	0.0%
82.7%	49.9	49.9	0.0	0.1%
84.0%	49.7	49.8	0.1	0.2%
85.2%	49.7	49.7	0.0	0.0%
86.4%	49.6	49.5	-0.1	-0.1%
87.7%	49.4	49.5	0.1	0.2%
88.9%	49.4	49.4	0.1	0.1%
90.1%	49.3	49.4	0.1	0.1%
91.4%	49.3	49.4	0.1	0.2%
92.6%	49.2	49.3	0.0	0.1%
93.8%	49.2	49.1	-0.1	-0.1%
95.1%	48.9	48.9	-0.1	-0.1%
96.3%	48.8	48.7	-0.1	-0.1%
97.5%	48.7	48.5	-0.2	-0.4%
98.8%	48.6	48.4	-0.2	-0.3%
100.0%	47.1	46.7	-0.4	-0.8%

December				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	48.3	48.4	0.2	0.3%
1.2%	47.7	47.7	0.0	0.1%
2.5%	47.5	47.5	-0.1	-0.2%
3.7%	47.2	47.3	0.1	0.2%
4.9%	47.0	47.0	0.0	0.0%
6.2%	46.9	46.8	-0.1	-0.2%
7.4%	46.8	46.8	0.0	-0.1%
8.6%	46.7	46.7	0.0	-0.1%
9.9%	46.7	46.6	-0.1	-0.2%
11.1%	46.6	46.5	-0.2	-0.3%
12.3%	46.6	46.4	-0.1	-0.3%
13.6%	46.5	46.4	0.0	0.0%
14.8%	46.5	46.4	-0.1	-0.2%
16.0%	46.4	46.4	0.0	-0.1%
17.3%	46.3	46.3	0.0	0.0%
18.5%	46.3	46.3	0.0	-0.1%
19.8%	46.2	46.2	0.0	0.0%
21.0%	46.2	46.2	0.0	0.1%
22.2%	46.2	46.2	0.0	0.0%
23.5%	46.1	46.2	0.0	0.0%
24.7%	46.1	46.1	0.0	0.0%
25.9%	46.1	46.1	0.0	0.0%
27.2%	46.0	45.9	-0.1	-0.2%
28.4%	45.8	45.9	0.1	0.2%
29.6%	45.8	45.9	0.1	0.2%
30.9%	45.8	45.9	0.1	0.2%
32.1%	45.8	45.9	0.0	0.1%
33.3%	45.7	45.8	0.1	0.2%
34.6%	45.7	45.8	0.1	0.3%
35.8%	45.7	45.8	0.1	0.2%
37.0%	45.7	45.8	0.1	0.2%
38.3%	45.7	45.7	0.1	0.1%
39.5%	45.6	45.6	0.0	0.0%
40.7%	45.6	45.6	0.0	0.1%
42.0%	45.5	45.5	-0.1	-0.1%
43.2%	45.5	45.4	-0.1	-0.2%
44.4%	45.5	45.4	0.0	-0.1%
45.7%	45.4	45.4	0.0	-0.1%
46.9%	45.4	45.4	0.0	-0.1%
48.1%	45.3	45.3	0.0	0.1%
49.4%	45.3	45.3	0.0	0.0%
50.6%	45.3	45.2	0.0	0.0%
51.9%	45.2	45.2	0.0	0.0%
53.1%	45.2	45.2	0.0	0.0%
54.3%	45.2	45.2	0.0	0.0%
55.6%	45.1	45.2	0.1	0.1%
56.8%	45.0	45.2	0.1	0.3%
58.0%	45.0	45.1	0.2	0.4%
59.3%	44.9	45.1	0.2	0.3%
60.5%	44.9	45.1	0.1	0.3%
61.7%	44.9	45.0	0.1	0.3%
63.0%	44.8	44.9	0.1	0.1%
64.2%	44.8	44.8	0.0	0.0%
65.4%	44.7	44.8	0.0	0.1%
66.7%	44.7	44.8	0.1	0.1%
67.9%	44.7	44.7	0.0	0.0%
69.1%	44.6	44.7	0.1	0.2%
70.4%	44.6	44.6	0.1	0.2%
71.6%	44.6	44.6	0.1	0.1%
72.8%	44.4	44.5	0.1	0.2%
74.1%	44.4	44.5	0.0	0.0%
75.3%	44.4	44.4	0.0	0.1%
76.5%	44.3	44.3	0.0	0.1%
77.8%	44.2	44.3	0.0	0.1%
79.0%	44.2	44.3	0.1	0.2%
80.2%	44.2	44.2	0.1	0.1%
81.5%	44.2	44.1	0.0	0.0%
82.7%	44.1	44.0	0.0	-0.1%
84.0%	43.9	43.9	0.0	0.0%
85.2%	43.7	43.9	0.2	0.5%
86.4%	43.7	43.8	0.2	0.4%
87.7%	43.6	43.7	0.1	0.2%
88.9%	43.6	43.6	0.1	0.2%
90.1%	43.3	43.6	0.3	0.6%
91.4%	43.3	43.5	0.2	0.5%
92.6%	43.2	43.5	0.3	0.8%
93.8%	43.1	43.4	0.4	0.8%
95.1%	43.0	43.4	0.4	0.8%
96.3%	43.0	43.2	0.2	0.4%
97.5%	42.8	43.1	0.3	0.8%
98.8%	42.8	42.3	-0.5	-1.2%
100.0%	41.5	41.6	0.0	0.1%

January				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	48.1	48.2	0.1	0.1%
1.2%	47.5	47.6	0.1	0.2%
2.5%	46.8	47.0	0.2	0.4%
3.7%	46.7	46.8	0.1	0.2%
4.9%	46.2	46.3	0.0	0.1%
6.2%	46.1	46.2	0.1	0.1%
7.4%	46.1	46.1	0.0	0.0%
8.6%	45.9	46.1	0.2	0.4%
9.9%	45.9	46.0	0.1	0.2%
11.1%	45.7	45.7	0.0	0.0%
12.3%	45.7	45.7	0.0	0.0%
13.6%	45.6	45.6	0.1	0.1%
14.8%	45.6	45.6	0.0	0.1%
16.0%	45.5	45.6	0.1	0.1%
17.3%	45.5	45.6	0.1	0.2%
18.5%	45.5	45.6	0.1	0.2%
19.8%	45.5	45.6	0.1	0.2%
21.0%	45.5	45.6	0.1	0.2%
22.2%	45.4	45.5	0.1	0.2%
23.5%	45.4	45.5	0.1	0.2%
24.7%	45.4	45.3	0.0	-0.1%
25.9%	45.4	45.3	-0.1	-0.1%
27.2%	45.2	45.3	0.0	0.0%
28.4%	45.2	45.2	0.1	0.1%
29.6%	45.0	45.2	0.2	0.4%
30.9%	45.0	45.2	0.2	0.4%
32.1%	45.0	45.0	0.1	0.1%
33.3%	44.9	45.0	0.1	0.1%
34.6%	44.9	44.9	0.0	0.1%
35.8%	44.9	44.9	0.0	0.1%
37.0%	44.8	44.9	0.0	0.1%
38.3%	44.8	44.9	0.1	0.2%
39.5%	44.8	44.9	0.1	0.2%
40.7%	44.8	44.9	0.1	0.2%
42.0%	44.7	44.8	0.0	0.1%
43.2%	44.7	44.7	0.0	0.0%
44.4%	44.7	44.7	0.0	0.1%
45.7%	44.6	44.6	0.0	0.1%
46.9%	44.6	44.6	0.0	0.1%
48.1%	44.6	44.6	0.0	0.0%
49.4%	44.6	44.6	0.0	0.0%
50.6%	44.5	44.5	0.0	0.0%
51.9%	44.5	44.5	0.0	0.0%
53.1%	44.5	44.4	-0.1	-0.2%
54.3%	44.4	44.4	0.0	0.1%
55.6%	44.3	44.4	0.1	0.2%
56.8%	44.2	44.4	0.1	0.3%
58.0%	44.1	44.2	0.1	0.2%
59.3%	44.0	44.2	0.2	0.4%
60.5%	44.0	44.1	0.1	0.3%
61.7%	44.0	44.1	0.1	0.2%
63.0%	44.0	44.0	0.1	0.2%
64.2%	43.9	43.9	0.0	-0.1%
65.4%	43.8	43.9	0.0	0.1%
66.7%	43.8	43.8	0.0	0.0%
67.9%	43.6	43.8	0.1	0.3%
69.1%	43.6	43.6	0.0	0.0%
70.4%	43.6	43.6	0.0	0.1%
71.6%	43.5	43.5	0.0	0.1%
72.8%	43.5	43.5	0.0	0.1%
74.1%	43.4	43.5	0.1	0.2%
75.3%	43.4	43.5	0.1	0.2%
76.5%	43.3	43.5	0.2	0.4%
77.8%	43.3	43.4	0.2	0.4%
79.0%	43.3	43.4	0.1	0.2%
80.2%	43.1	43.2	0.1	0.2%
81.5%	43.0	43.2	0.2	0.4%
82.7%	43.0	43.1	0.1	0.3%
84.0%	42.9	43.1	0.1	0.3%
85.2%	42.9	43.0	0.1	0.3%
86.4%	42.8	43.0	0.2	0.4%
87.7%	42.6	42.9	0.3	0.7%
88.9%	42.6	42.8	0.3	0.6%
90.1%	42.6	42.7	0.1	0.2%
91.4%	42.5	42.6	0.1	0.3%
92.6%	42.5	42.5	0.0	0.0%
93.8%	42.4	42.5	0.0	0.1%
95.1%	42.4	42.3	-0.1	-0.1%
96.3%	42.2	42.3	0.1	0.3%
97.5%	41.9	41.9	0.0	0.0%
98.8%	41.3	41.6	0.3	0.6%
100.0%	41.3	41.3	0.0	0.0%

Table SQ-11-3b

Sacramento River at Knights Landing, Monthly Temperature
Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.7	50.7	0.0	0.0%
1.2%	50.1	50.0	-0.1	-0.2%
2.5%	50.0	50.0	0.0	0.0%
3.7%	49.8	50.0	0.2	0.4%
4.9%	49.8	49.9	0.1	0.3%
6.2%	49.7	49.8	0.1	0.3%
7.4%	49.6	49.7	0.1	0.2%
8.6%	49.5	49.6	0.2	0.4%
9.9%	49.1	49.1	0.0	-0.1%
11.1%	48.7	48.8	0.0	0.0%
12.3%	48.6	48.7	0.1	0.2%
13.6%	48.5	48.5	0.0	0.0%
14.8%	48.5	48.5	0.0	0.1%
16.0%	48.5	48.5	0.0	-0.1%
17.3%	48.3	48.4	0.1	0.2%
18.5%	48.3	48.4	0.1	0.2%
19.8%	48.3	48.3	0.0	-0.1%
21.0%	48.3	48.3	0.0	-0.1%
22.2%	48.2	48.2	0.0	0.0%
23.5%	48.1	48.2	0.1	0.2%
24.7%	48.1	48.2	0.1	0.3%
25.9%	48.1	48.1	0.0	0.0%
27.2%	48.0	48.1	0.0	0.0%
28.4%	48.0	48.0	0.0	0.1%
29.6%	48.0	48.0	0.0	0.0%
30.9%	47.9	47.9	0.0	0.0%
32.1%	47.8	47.9	0.0	0.1%
33.3%	47.8	47.9	0.1	0.2%
34.6%	47.8	47.8	0.0	0.0%
35.8%	47.7	47.7	0.0	0.1%
37.0%	47.7	47.7	0.0	0.0%
38.3%	47.7	47.7	0.0	0.1%
39.5%	47.7	47.7	0.0	0.1%
40.7%	47.6	47.7	0.1	0.2%
42.0%	47.5	47.6	0.1	0.2%
43.2%	47.5	47.6	0.1	0.2%
44.4%	47.5	47.5	0.0	0.1%
45.7%	47.4	47.4	0.0	-0.1%
46.9%	47.3	47.3	0.0	0.1%
48.1%	47.3	47.3	0.0	0.0%
49.4%	47.2	47.3	0.0	0.1%
50.6%	47.2	47.2	0.1	0.1%
51.9%	47.2	47.1	-0.1	-0.1%
53.1%	47.0	47.1	0.1	0.1%
54.3%	47.0	47.1	0.1	0.1%
55.6%	47.0	47.1	0.1	0.2%
56.8%	46.9	47.0	0.1	0.3%
58.0%	46.9	47.0	0.1	0.2%
59.3%	46.9	47.0	0.1	0.2%
60.5%	46.7	46.8	0.1	0.1%
61.7%	46.7	46.8	0.1	0.2%
63.0%	46.7	46.8	0.1	0.2%
64.2%	46.7	46.7	0.1	0.1%
65.4%	46.7	46.7	0.1	0.1%
66.7%	46.6	46.7	0.1	0.2%
67.9%	46.5	46.6	0.1	0.2%
69.1%	46.5	46.5	0.1	0.2%
70.4%	46.4	46.5	0.1	0.1%
71.6%	46.4	46.5	0.0	0.1%
72.8%	46.3	46.4	0.0	0.1%
74.1%	46.3	46.3	0.0	0.0%
75.3%	46.1	46.1	0.1	0.1%
76.5%	46.0	46.0	0.1	0.1%
77.8%	45.9	46.0	0.1	0.2%
79.0%	45.9	45.9	0.0	0.0%
80.2%	45.8	45.9	0.1	0.2%
81.5%	45.8	45.8	0.0	0.1%
82.7%	45.6	45.8	0.2	0.4%
84.0%	45.6	45.6	0.0	0.1%
85.2%	45.5	45.6	0.1	0.2%
86.4%	45.5	45.5	0.0	0.0%
87.7%	45.4	45.5	0.1	0.1%
88.9%	45.4	45.4	0.0	0.0%
90.1%	45.3	45.4	0.1	0.2%
91.4%	45.3	45.4	0.0	0.1%
92.6%	45.3	45.2	0.0	-0.1%
93.8%	45.1	45.2	0.1	0.1%
95.1%	45.0	45.0	0.0	0.1%
96.3%	44.9	44.9	0.1	0.2%
97.5%	44.5	44.6	0.0	0.1%
98.8%	44.2	44.2	0.0	-0.1%
100.0%	43.8	43.8	0.0	0.0%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	57.0	57.0	0.0	-0.1%
1.2%	56.7	56.7	-0.1	-0.1%
2.5%	56.1	56.2	0.1	0.2%
3.7%	55.8	56.0	0.2	0.3%
4.9%	55.8	55.8	0.0	-0.1%
6.2%	55.4	55.4	0.0	0.1%
7.4%	54.7	54.6	-0.1	-0.2%
8.6%	54.6	54.6	0.0	0.1%
9.9%	54.4	54.6	0.1	0.3%
11.1%	54.4	54.5	0.1	0.1%
12.3%	54.2	54.5	0.3	0.5%
13.6%	54.1	54.2	0.0	0.1%
14.8%	54.0	54.0	0.0	0.0%
16.0%	54.0	54.0	0.0	0.0%
17.3%	53.9	53.9	0.0	0.0%
18.5%	53.8	53.9	0.1	0.2%
19.8%	53.6	53.8	0.2	0.3%
21.0%	53.6	53.8	0.1	0.2%
22.2%	53.5	53.5	0.0	0.1%
23.5%	53.3	53.5	0.2	0.4%
24.7%	53.2	53.4	0.2	0.4%
25.9%	53.2	53.4	0.2	0.3%
27.2%	53.2	53.3	0.1	0.3%
28.4%	53.1	53.3	0.2	0.4%
29.6%	53.1	53.3	0.2	0.4%
30.9%	52.9	53.1	0.2	0.4%
32.1%	52.9	53.1	0.2	0.4%
33.3%	52.7	52.8	0.1	0.2%
34.6%	52.7	52.8	0.1	0.2%
35.8%	52.7	52.7	0.1	0.1%
37.0%	52.6	52.7	0.1	0.2%
38.3%	52.5	52.7	0.2	0.4%
39.5%	52.3	52.6	0.3	0.6%
40.7%	52.3	52.4	0.1	0.2%
42.0%	52.3	52.4	0.1	0.3%
43.2%	52.0	52.3	0.3	0.6%
44.4%	52.0	52.1	0.2	0.3%
45.7%	52.0	52.1	0.1	0.3%
46.9%	52.0	52.0	0.1	0.1%
48.1%	51.9	52.0	0.1	0.1%
49.4%	51.9	52.0	0.1	0.2%
50.6%	51.8	52.0	0.2	0.3%
51.9%	51.7	51.9	0.2	0.4%
53.1%	51.7	51.9	0.2	0.4%
54.3%	51.7	51.8	0.1	0.2%
55.6%	51.6	51.8	0.2	0.4%
56.8%	51.5	51.6	0.1	0.2%
58.0%	51.4	51.6	0.2	0.3%
59.3%	51.4	51.6	0.2	0.3%
60.5%	51.3	51.4	0.2	0.3%
61.7%	51.2	51.4	0.2	0.3%
63.0%	51.2	51.4	0.2	0.3%
64.2%	51.2	51.3	0.2	0.3%
65.4%	51.2	51.2	0.0	0.1%
66.7%	51.0	51.2	0.2	0.4%
67.9%	50.8	51.1	0.3	0.5%
69.1%	50.7	51.0	0.3	0.6%
70.4%	50.7	51.0	0.3	0.6%
71.6%	50.7	50.8	0.1	0.2%
72.8%	50.5	50.6	0.1	0.2%
74.1%	50.4	50.6	0.2	0.3%
75.3%	50.4	50.5	0.1	0.2%
76.5%	50.4	50.4	0.0	0.1%
77.8%	49.9	50.0	0.1	0.2%
79.0%	49.7	49.8	0.1	0.3%
80.2%	49.7	49.8	0.1	0.1%
81.5%	49.6	49.7	0.0	0.1%
82.7%	49.6	49.7	0.1	0.1%
84.0%	49.5	49.6	0.1	0.3%
85.2%	49.4	49.5	0.1	0.1%
86.4%	49.2	49.3	0.1	0.3%
87.7%	49.1	49.3	0.2	0.4%
88.9%	49.1	49.3	0.2	0.5%
90.1%	49.0	49.1	0.1	0.1%
91.4%	49.0	49.1	0.1	0.2%
92.6%	48.9	49.0	0.1	0.3%
93.8%	48.8	49.0	0.2	0.4%
95.1%	48.6	48.6	0.0	0.0%
96.3%	48.4	48.4	0.0	0.1%
97.5%	48.3	48.3	0.0	0.0%
98.8%	48.0	48.0	0.0	0.0%
100.0%	48.0	48.0	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	62.4	62.9	0.5	0.8%
1.2%	62.2	62.7	0.5	0.8%
2.5%	61.8	62.3	0.5	0.7%
3.7%	61.7	62.0	0.2	0.4%
4.9%	61.6	61.7	0.1	0.2%
6.2%	61.5	61.7	0.2	0.3%
7.4%	61.2	61.6	0.4	0.7%
8.6%	61.2	61.4	0.2	0.3%
9.9%	61.0	61.3	0.3	0.4%
11.1%	60.9	61.1	0.3	0.4%
12.3%	60.7	61.0	0.3	0.4%
13.6%	60.7	60.9	0.2	0.4%
14.8%	60.5	60.8	0.3	0.5%
16.0%	60.5	60.8	0.3	0.5%
17.3%	59.9	60.7	0.7	1.2%
18.5%	59.9	60.2	0.3	0.5%
19.8%	59.7	60.2	0.5	0.8%
21.0%	59.7	59.9	0.3	0.5%
22.2%	59.5	59.8	0.3	0.5%
23.5%	59.5	59.8	0.3	0.4%
24.7%	59.5	59.7	0.2	0.4%
25.9%	59.4	59.6	0.2	0.4%
27.2%	59.4	59.6	0.2	0.3%
28.4%	59.4	59.6	0.2	0.3%
29.6%	59.4	59.5	0.1	0.2%
30.9%	59.3	59.5	0.2	0.3%
32.1%	59.3	59.4	0.1	0.2%
33.3%	59.2	59.3	0.2	0.3%
34.6%	59.1	59.3	0.2	0.3%
35.8%	58.7	58.9	0.2	0.4%
37.0%	58.7	58.9	0.2	0.4%
38.3%	58.6	58.8	0.2	0.3%
39.5%	58.6	58.8	0.3	0.4%
40.7%	58.5	58.7	0.2	0.4%
42.0%	58.4	58.7	0.2	0.4%
43.2%	58.2	58.6	0.4	0.6%
44.4%	58.1	58.5	0.4	0.6%
45.7%	58.1	58.3	0.3	0.5%
46.9%	58.1	58.3	0.2	0.4%
48.1%	58.0	58.2	0.2	0.4%
49.4%	57.8	58.1	0.3	0.6%
50.6%	57.8	58.1	0.3	0.6%
51.9%	57.8	57.9	0.1	0.2%
53.1%	57.8	57.8	0.0	0.1%
54.3%	57.7	57.8	0.1	0.1%
55.6%	57.6	57.8	0.2	0.3%
56.8%	57.5	57.7	0.2	0.4%
58.0%	57.4	57.7	0.3	0.5%
59.3%	57.4	57.6	0.2	0.4%
60.5%	57.3	57.5	0.2	0.3%
61.7%	57.2	57.3	0.2	0.3%
63.0%	57.1	57.3	0.2	0.3%
64.2%	57.0	57.2	0.2	0.4%
65.4%	57.0	57.2	0.2	0.4%
66.7%	56.8	57.2	0.4	0.7%
67.9%	56.8	57.0	0.2	0.4%
69.1%	56.7	56.8	0.1	0.2%
70.4%	56.5	56.7	0.1	0.2%
71.6%	56.4	56.5	0.1	0.2%
72.8%	56.3	56.4	0.1	0.2%
74.1%	56.3	56.3	0.0	0.0%
75.3%	56.2	56.3	0.0	0.1%
76.5%	56.0	56.1	0.1	0.2%
77.8%	55.5	55.6	0.1	0.2%
79.0%	55.4	55.4	0.1	0.1%
80.2%	55.3	55.4	0.2	0.3%
81.5%	55.2	55.4	0.2	0.4%
82.7%	55.2	55.3	0.1	0.3%
84.0%	55.2	55.2	0.0	0.0%
85.2%	55.1	55.1	0.1	0.1%
86.4%	54.9	54.9	0.1	0.1%
87.7%	54.8	54.9	0.1	0.2%
88.9%	54.7	54.7	0.0	0.0%
90.1%	54.5	54.7	0.1	0.2%
91.4%	54.2	54.2	0.0	0.0%
92.6%	53.9	53.9	0.0	0.0%
93.8%	53.8	53.8	0.0	-0.1%
95.1%	53.6	53.6	0.0	0.0%
96.3%	53.1	53.4	0.3	0.6%
97.5%	52.3	52.3	0.0	0.0%
98.8%	50.9	50.9	0.0	0.0%
100.0%	49.8	49.8	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.7	68.2	0.5	0.7%
1.2%	67.1	67.2	0.1	0.2%
2.5%	66.8	66.9	0.1	0.2%
3.7%	66.7	66.6	0.0	0.0%
4.9%	66.6	66.6	0.0	0.0%
6.2%	66.3	66.4	0.1	0.2%
7.4%	66.3	66.3	0.0	0.0%
8.6%	66.3	66.2	-0.1	-0.2%
9.9%	66.3	66.1	-0.2	-0.3%
11.1%	66.1	66.0	-0.1	-0.2%
12.3%	66.1	65.9	-0.1	-0.2%
13.6%	66.0	65.8	-0.2	-0.3%
14.8%	65.8	65.8	0.0	0.0%
16.0%	65.7	65.8	0.1	0.2%
17.3%	65.7	65.7	0.0	0.1%
18.5%	65.6	65.7	0.0	0.1%
19.8%	65.3	65.6	0.4	0.6%
21.0%	65.1	65.6	0.5	0.8%
22.2%	65.0	65.6	0.6	1.0%
23.5%	65.0	65.1	0.1	0.2%
24.7%	65.0	65.1	0.1	0.2%
25.9%	65.0	65.1	0.1	0.1%
27.2%	64.9	65.0	0.1	0.1%
28.4%	64.9	64.9	0.0	0.0%
29.6%	64.7	64.9	0.1	0.2%
30.9%	64.7	64.8	0.2	0.3%
32.1%	64.5	64.8	0.3	0.4%
33.3%	64.5	64.7	0.2	0.3%
34.6%	64.4	64.5	0.1	0.1%
35.8%	64.4	64.4	0.1	0.1%
37.0%	64.3	64.4	0.1	0.2%
38.3%	64.3	64.4	0.1	0.2%
39.5%	64.2	64.4	0.1	0.2%
40.7%	64.1	64.3	0.2	0.2%
42.0%	64.1	64.3	0.1	0.2%
43.2%	64.1	64.1	0.0	0.0%
44.4%	64.0	64.1	0.1	0.1%
45.7%	63.9	64.0	0.1	0.2%
46.9%	63.8	64.0	0.2	0.3%
48.1%	63.7	64.0	0.3	0.4%
49.4%	63.7	63.9	0.3	0.4%
50.6%	63.6	63.9	0.3	0.5%
51.9%	63.6	63.9	0.3	0.4%
53.1%	63.6	63.8	0.2	0.4%
54.3%	63.6	63.7	0.2	0.3%
55.6%	63.5	63.7	0.2	0.2%
56.8%	63.5	63.7	0.2	0.3%
58.0%	63.5	63.7	0.2	0.3%
59.3%	63.4	63.6	0.2	0.3%
60.5%	63.4	63.6	0.2	0.3%
61.7%	63.3	63.6	0.3	0.5%
63.0%	63.3	63.5	0.2	0.4%
64.2%	63.3	63.4	0.2	0.3%
65.4%	63.2	63.4	0.2	0.2%
66.7%	63.2	63.4	0.1	0.2%
67.9%	63.2	63.3	0.2	0.2%
69.1%	63.2	63.0	-0.2	-0.3%
70.4%	63.1	63.0	-0.2	-0.3%
71.6%	63.0	62.9	-0.1	-0.2%
72.8%	63.0	62.9	-0.1	-0.1%
74.1%	62.8	62.8	0.0	-0.1%
75.3%	62.8	62.8	0.0	-0.1%
76.5%	62.7	62.7	0.0	0.0%
77.8%	62.7	62.5	-0.2	-0.3%
79.0%	62.6	62.4	-0.2	-0.3%
80.2%	62.6	62.4	-0.2	-0.4%
81.5%	62.4	62.3	-0.1	-0.2%
82.7%	62.2	62.1	-0.1	-0.1%
84.0%	62.1	62.0	-0.1	-0.1%
85.2%	61.7	61.8	0.1	0.1%
86.4%	61.7	61.7	0.0	0.0%
87.7%	61.6	61.6	0.0	0.0%
88.9%	60.9	61.2	0.3	0.4%
90.1%	60.9	61.1	0.2	0.3%
91.4%	60.9	61.0	0.1	0.2%
92.6%	60.8	60.9	0.1	0.2%
93.8%	60.8	60.6	-0.2	-0.4%
95.1%	60.5	60.5	0.0	-0.1%
96.3%	60.4	60.3	-0.1	-0.2%
97.5%	60.1	60.1	0.0	0.0%
98.8%	59.7	59.6	-0.1	-0.2%
100.0%	56.5	56.5	0.0	0.0%

Table SQ-11-3b

Sacramento River at Knights Landing, Monthly Temperature
Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	71.3	71.1	-0.2	-0.2%
1.2%	70.9	70.5	-0.4	-0.6%
2.5%	70.0	70.0	-0.1	-0.1%
3.7%	70.0	69.9	-0.2	-0.2%
4.9%	70.0	69.8	-0.2	-0.3%
6.2%	70.0	69.7	-0.3	-0.4%
7.4%	69.9	69.6	-0.3	-0.5%
8.6%	69.7	69.6	-0.1	-0.2%
9.9%	69.7	69.5	-0.2	-0.3%
11.1%	69.6	69.3	-0.3	-0.5%
12.3%	69.4	69.0	-0.4	-0.6%
13.6%	69.4	69.0	-0.4	-0.5%
14.8%	69.3	69.0	-0.3	-0.5%
16.0%	69.2	68.9	-0.3	-0.4%
17.3%	69.1	68.7	-0.5	-0.7%
18.5%	69.1	68.6	-0.5	-0.7%
19.8%	69.1	68.6	-0.6	-0.8%
21.0%	69.0	68.5	-0.6	-0.8%
22.2%	69.0	68.4	-0.6	-0.9%
23.5%	68.9	68.3	-0.6	-0.9%
24.7%	68.9	68.3	-0.6	-0.8%
25.9%	68.8	68.3	-0.5	-0.8%
27.2%	68.8	68.2	-0.6	-0.9%
28.4%	68.7	68.2	-0.5	-0.8%
29.6%	68.7	68.1	-0.6	-0.9%
30.9%	68.7	67.9	-0.8	-1.1%
32.1%	68.6	67.8	-0.8	-1.1%
33.3%	68.6	67.8	-0.8	-1.1%
34.6%	68.5	67.8	-0.7	-1.0%
35.8%	68.4	67.7	-0.7	-1.0%
37.0%	68.4	67.7	-0.7	-1.0%
38.3%	67.9	67.6	-0.3	-0.4%
39.5%	67.9	67.6	-0.3	-0.4%
40.7%	67.8	67.6	-0.2	-0.3%
42.0%	67.8	67.6	-0.2	-0.3%
43.2%	67.7	67.4	-0.3	-0.4%
44.4%	67.7	67.4	-0.3	-0.4%
45.7%	67.7	67.3	-0.4	-0.6%
46.9%	67.6	67.3	-0.3	-0.5%
48.1%	67.6	67.2	-0.3	-0.5%
49.4%	67.5	67.2	-0.3	-0.5%
50.6%	67.5	67.2	-0.4	-0.5%
51.9%	67.5	67.2	-0.3	-0.4%
53.1%	67.5	67.2	-0.3	-0.4%
54.3%	67.4	67.2	-0.2	-0.4%
55.6%	67.3	67.2	-0.2	-0.3%
56.8%	67.2	67.1	-0.1	-0.2%
58.0%	67.2	67.1	-0.1	-0.1%
59.3%	67.1	67.1	-0.1	-0.1%
60.5%	67.1	67.0	-0.1	-0.1%
61.7%	67.1	67.0	-0.1	-0.1%
63.0%	67.1	67.0	-0.1	-0.1%
64.2%	67.0	66.9	-0.1	-0.2%
65.4%	67.0	66.9	-0.1	-0.2%
66.7%	67.0	66.8	-0.3	-0.4%
67.9%	66.9	66.7	-0.2	-0.3%
69.1%	66.8	66.7	-0.1	-0.2%
70.4%	66.8	66.6	-0.3	-0.4%
71.6%	66.7	66.6	-0.1	-0.2%
72.8%	66.6	66.5	0.0	-0.1%
74.1%	66.6	66.4	-0.1	-0.2%
75.3%	66.5	66.3	-0.2	-0.3%
76.5%	66.5	66.3	-0.2	-0.3%
77.8%	66.5	66.3	-0.2	-0.4%
79.0%	66.5	66.2	-0.3	-0.4%
80.2%	66.4	66.1	-0.3	-0.4%
81.5%	66.3	66.1	-0.2	-0.3%
82.7%	66.3	66.0	-0.2	-0.4%
84.0%	66.3	66.0	-0.2	-0.4%
85.2%	66.2	65.9	-0.3	-0.5%
86.4%	66.1	65.8	-0.3	-0.4%
87.7%	66.0	65.6	-0.4	-0.6%
88.9%	65.9	65.5	-0.4	-0.6%
90.1%	65.6	65.5	-0.1	-0.2%
91.4%	65.3	65.2	-0.1	-0.1%
92.6%	65.2	64.7	-0.5	-0.8%
93.8%	65.1	64.6	-0.5	-0.7%
95.1%	65.0	64.5	-0.4	-0.7%
96.3%	64.3	64.4	0.2	0.3%
97.5%	64.2	64.2	0.0	-0.1%
98.8%	64.1	63.9	-0.2	-0.2%
100.0%	63.5	63.5	0.0	-0.1%

July				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	75.5	74.5	-1.0	-1.3%
1.2%	73.9	72.9	-1.1	-1.4%
2.5%	73.2	72.4	-0.8	-1.2%
3.7%	73.0	72.3	-0.6	-0.8%
4.9%	72.8	71.9	-0.9	-1.2%
6.2%	72.7	71.8	-0.9	-1.2%
7.4%	72.5	71.8	-0.7	-1.0%
8.6%	72.3	71.7	-0.6	-0.8%
9.9%	72.2	71.7	-0.5	-0.7%
11.1%	72.0	71.7	-0.3	-0.4%
12.3%	71.9	71.6	-0.4	-0.5%
13.6%	71.9	71.5	-0.4	-0.5%
14.8%	71.7	71.2	-0.5	-0.7%
16.0%	71.7	71.2	-0.5	-0.7%
17.3%	71.7	70.8	-0.9	-1.2%
18.5%	71.7	70.7	-1.0	-1.3%
19.8%	71.5	70.7	-0.9	-1.2%
21.0%	71.5	70.7	-0.8	-1.1%
22.2%	71.5	70.6	-0.9	-1.2%
23.5%	71.4	70.6	-0.8	-1.1%
24.7%	71.3	70.5	-0.8	-1.2%
25.9%	71.3	70.5	-0.8	-1.1%
27.2%	71.3	70.4	-0.8	-1.2%
28.4%	71.2	70.4	-0.8	-1.1%
29.6%	71.1	70.3	-0.8	-1.1%
30.9%	71.1	70.3	-0.8	-1.1%
32.1%	71.0	70.2	-0.8	-1.1%
33.3%	71.0	70.2	-0.8	-1.1%
34.6%	70.9	70.2	-0.8	-1.1%
35.8%	70.9	70.2	-0.8	-1.1%
37.0%	70.9	70.2	-0.7	-1.0%
38.3%	70.8	70.2	-0.6	-0.8%
39.5%	70.7	70.2	-0.6	-0.8%
40.7%	70.7	70.0	-0.6	-0.9%
42.0%	70.5	69.9	-0.6	-0.8%
43.2%	70.5	69.8	-0.6	-0.9%
44.4%	70.4	69.8	-0.6	-0.9%
45.7%	70.3	69.8	-0.6	-0.8%
46.9%	70.3	69.7	-0.6	-0.9%
48.1%	70.2	69.6	-0.6	-0.8%
49.4%	70.2	69.6	-0.6	-0.8%
50.6%	70.1	69.5	-0.6	-0.9%
51.9%	70.1	69.5	-0.6	-0.9%
53.1%	70.1	69.4	-0.6	-0.9%
54.3%	70.0	69.4	-0.5	-0.8%
55.6%	70.0	69.4	-0.6	-0.9%
56.8%	69.9	69.4	-0.6	-0.9%
58.0%	69.9	69.3	-0.6	-0.9%
59.3%	69.9	69.2	-0.6	-0.9%
60.5%	69.8	69.2	-0.6	-0.9%
61.7%	69.8	69.2	-0.6	-0.9%
63.0%	69.8	69.1	-0.8	-1.1%
64.2%	69.8	69.0	-0.8	-1.2%
65.4%	69.8	69.0	-0.8	-1.2%
66.7%	69.8	68.9	-0.8	-1.2%
67.9%	69.8	68.8	-0.9	-1.3%
69.1%	69.7	68.8	-0.9	-1.3%
70.4%	69.6	68.7	-0.9	-1.3%
71.6%	69.6	68.7	-0.9	-1.3%
72.8%	69.6	68.7	-0.9	-1.3%
74.1%	69.5	68.6	-0.9	-1.4%
75.3%	69.4	68.4	-1.0	-1.5%
76.5%	69.4	68.4	-1.1	-1.5%
77.8%	69.4	68.4	-1.1	-1.6%
79.0%	69.4	68.4	-1.0	-1.5%
80.2%	69.3	68.2	-1.1	-1.7%
81.5%	69.1	68.1	-1.0	-1.5%
82.7%	68.9	68.1	-0.8	-1.2%
84.0%	68.9	68.1	-0.8	-1.2%
85.2%	68.9	68.0	-0.8	-1.2%
86.4%	68.6	68.0	-0.6	-0.9%
87.7%	68.5	68.0	-0.5	-0.7%
88.9%	68.5	67.7	-0.8	-1.1%
90.1%	68.2	67.6	-0.6	-0.8%
91.4%	67.9	67.5	-0.4	-0.6%
92.6%	67.9	67.1	-0.8	-1.1%
93.8%	67.6	66.9	-0.7	-1.0%
95.1%	67.5	66.8	-0.6	-1.0%
96.3%	67.0	66.7	-0.2	-0.3%
97.5%	66.9	66.5	-0.5	-0.7%
98.8%	66.9	66.1	-0.8	-1.2%
100.0%	66.8	65.9	-0.9	-1.4%

August				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	74.4	74.0	-0.4	-0.5%
1.2%	74.3	73.4	-0.9	-1.2%
2.5%	74.2	73.3	-0.9	-1.3%
3.7%	73.8	72.4	-1.5	-2.0%
4.9%	73.6	72.3	-1.3	-1.8%
6.2%	72.7	72.2	-0.5	-0.6%
7.4%	72.6	71.8	-0.8	-1.1%
8.6%	72.3	71.5	-0.7	-1.0%
9.9%	71.7	71.4	-0.3	-0.5%
11.1%	71.6	71.4	-0.2	-0.3%
12.3%	71.5	71.4	-0.2	-0.3%
13.6%	71.5	71.3	-0.2	-0.3%
14.8%	71.4	71.2	-0.2	-0.3%
16.0%	71.4	71.2	-0.3	-0.4%
17.3%	71.4	71.0	-0.5	-0.6%
18.5%	71.4	70.9	-0.5	-0.7%
19.8%	71.4	70.9	-0.5	-0.7%
21.0%	71.4	70.9	-0.5	-0.7%
22.2%	71.4	70.8	-0.5	-0.7%
23.5%	71.4	70.8	-0.5	-0.7%
24.7%	71.2	70.8	-0.4	-0.6%
25.9%	71.1	70.7	-0.4	-0.6%
27.2%	71.0	70.6	-0.4	-0.5%
28.4%	71.0	70.6	-0.4	-0.6%
29.6%	71.0	70.5	-0.5	-0.7%
30.9%	71.0	70.5	-0.5	-0.7%
32.1%	70.9	70.4	-0.5	-0.7%
33.3%	70.8	70.4	-0.4	-0.6%
34.6%	70.7	70.4	-0.4	-0.5%
35.8%	70.7	70.3	-0.3	-0.5%
37.0%	70.7	70.3	-0.3	-0.4%
38.3%	70.7	70.3	-0.4	-0.5%
39.5%	70.5	70.1	-0.4	-0.5%
40.7%	70.4	70.1	-0.4	-0.5%
42.0%	70.4	70.0	-0.4	-0.6%
43.2%	70.4	70.0	-0.4	-0.6%
44.4%	70.3	69.9	-0.4	-0.6%
45.7%	70.3	69.9	-0.4	-0.6%
46.9%	70.3	69.9	-0.4	-0.6%
48.1%	70.2	69.8	-0.4	-0.6%
49.4%	70.2	69.8	-0.4	-0.6%
50.6%	70.2	69.7	-0.5	-0.7%
51.9%	70.1	69.7	-0.4	-0.6%
53.1%	70.1	69.7	-0.4	-0.6%
54.3%	70.0	69.6	-0.4	-0.6%
55.6%	70.0	69.6	-0.4	-0.5%
56.8%	70.0	69.6	-0.4	-0.6%
58.0%	69.9	69.5	-0.4	-0.6%
59.3%	69.8	69.5	-0.3	-0.5%
60.5%	69.7	69.4	-0.3	-0.4%
61.7%	69.5	69.3	-0.1	-0.2%
63.0%	69.4	69.1	-0.3	-0.4%
64.2%	69.4	69.1	-0.2	-0.4%
65.4%	69.4	69.1	-0.3	-0.4%
66.7%	69.3	69.1	-0.2	-0.4%
67.9%	69.2	69.0	-0.2	-0.3%
69.1%	69.2	69.0	-0.2	-0.3%
70.4%	69.1	68.9	-0.2	-0.3%
71.6%	69.0	68.6	-0.4	-0.6%
72.8%	69.0	68.5	-0.5	-0.7%
74.1%	69.0	68.4	-0.6	-0.8%
75.3%	68.9	68.3	-0.6	-0.9%
76.5%	68.7	68.3	-0.4	-0.6%
77.8%	68.4	68.2	-0.2	-0.3%
79.0%	68.3	68.2	-0.1	-0.1%
80.2%	68.2	68.2	0.0	0.0%
81.5%	68.2	68.2	0.0	0.0%
82.7%	68.2	68.2	0.0	0.0%
84.0%	68.1	68.1	-0.1	-0.1%
85.2%	68.1	68.1	-0.1	-0.1%
86.4%	68.1	68.1	-0.1	-0.1%
87.7%	68.1	68.0	0.0	-0.1%
88.9%	68.0	68.0	0.0	0.0%
90.1%	67.9	67.9	0.0	0.0%
91.4%	67.8	67.7	-0.1	-0.2%
92.6%	67.7	67.7	-0.1	-0.1%
93.8%	67.7	67.6	-0.1	-0.1%
95.1%	67.5	67.4	-0.1	-0.2%
96.3%	67.5	67.3	-0.2	-0.4%
97.5%	67.3	66.8	-0.4	-0.6%
98.8%	66.8	66.1	-0.7	-1.1%
100.0%	66.1	66.0	-0.1	-0.1%

September				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	71.0	70.3	-0.7	-1.0%
1.2%	70.1	69.8	-0.3	-0.5%
2.5%	69.6	69.1	-0.5	-0.7%
3.7%	69.6	69.1	-0.5	-0.8%
4.9%	69.3	68.9	-0.4	-0.6%
6.2%	68.8	68.5	-0.3	-0.5%
7.4%	68.5	68.3	-0.2	-0.2%
8.6%	68.4	68.2	-0.2	-0.3%
9.9%	68.3	68.0	-0.3	-0.5%
11.1%	68.3	67.7	-0.6	-0.9%
12.3%	68.1	67.4	-0.7	-1.1%
13.6%	67.7	67.2	-0.5	-0.7%
14.8%	67.7	67.2	-0.4	-0.7%
16.0%	67.5	67.1	-0.4	-0.6%
17.3%	67.5	67.1	-0.4	-0.6%
18.5%	67.5	67.0	-0.4	-0.6%
19.8%	67.5	66.9	-0.6	-0.9%
21.0%	67.4	66.9	-0.6	-0.8%
22.2%	67.4	66.8	-0.6	-0.9%
23.5%	67.3	66.7	-0.6	-0.9%
24.7%	67.2	66.7	-0.5	-0.8%
25.9%	67.2	66.6	-0.6	-0.9%
27.2%	67.1	66.6	-0.5	-0.7%
28.4%	66.8	66.5	-0.3	-0.4%
29.6%	66.8	66.5	-0.3	-0.4%
30.9%	66.8	66.5	-0.3	-0.4%
32.1%	66.7	66.5	-0.2	-0.4%
33.3%	66.7	66.5	-0.2	-0.3%
34.6%	66.6	66.4	-0.2	-0.4%
35.8%	66.4	66.2	-0.2	-0.3%
37.0%	66.4	66.1	-0.3	-0.4%
38.3%	66.3	66.1	-0.2	-0.4%
39.5%	66.3	66.0	-0.3	-0.4%
40.7%	66.0	66.0	0.0	0.1%
42.0%	65.9	65.8	-0.1	-0.1%
43.2%	65.9	65.7	-0.1	-0.2%
44.4%	65.8	65.7	-0.1	-0.2%
45.7%	65.8	65.7	-0.1	-0.2%
46.9%	65.7	65.6	-0.1	-0.2%
48.1%	65.7	65.6	-0.1	-0.2%
49.4%	65.6	65.5	-0.1	-0.2%
50.6%	65.6	65.5	-0.1	-0.2%
51.9%	65.6	65.3	-0.3	-0.4%
53.1%	65.6	65.3	-0.3	-0.4%
54.3%	65.5	65.2	-0.3	-0.4%
55.6%	65.5	65.2	-0.3	-0.5%
56.8%	65.4	65.2	-0.3	-0.4%
58.0%	65.4	65.1	-0.3	-0.4%
59.3%	65.4	65.1	-0.3	-0.4%
60.5%	65.1	65.1	0.0	0.0%
61.7%	65.0	65.1	0.1	0.2%
63.0%	65.0	65.0	0.0	0.0%
64.2%	64.9	65.0	0.1	0.2%
65.4%	64.8	64.9	0.1	0.2%
66.7%	64.5	64.8	0.3	0.4%
67.9%	64.5	64.6	0.1	0.1%
69.1%	64.4	64.5	0.1	0.1%
70.4%	64.4	64.5	0.1	0.1%
71.6%	64.3	64.4	0.1	0.2%
72.8%	64.3	64.4	0.1	0.2%
74.1%	64.3	64.2	-0.1	-0.1%
75.3%	64.3	64.0	-0.2	-0.3%
76.5%	64.0	64.0	0.0	0.0%
77.8%	63.9	64.0	0.1	0.1%
79.0%	63.8	63.9	0.1	0.2%
80.2%	63.7	63.8	0.1	0.2%
81.5%	63.7	63.7	0.0	0.0%
82.7%	63.6	63.6	0.0	0.0%
84.0%	63.5	63.5	0.0	0.0%
85.2%	63.4	63.4	0.0	-0.1%
86.4%	63.4	63.2	-0.2	-0.3%
87.7%	63.2	63.1	-0.1	-0.2%
88.9%	63.2	63.0	-0.2	-0.3%
90.1%	62.9	62.9	0.0	0.0%
91.4%	62.8	62.9	0.1	0.1%
92.6%	62.8	62.6	-0.2	-0.3%
93.8%	62.5	62.3	-0.2	-0.3%
95.1%	62.2	62.0	-0.2	-0.4%
96.3%	62.1	62.0	-0.2	-0.3%
97.5%	61.9	61.4	-0.5	-0.8%
98.8%	61.7	61.2	-0.5	-0.8%
100.0%	60.8	60.4	-0.4	-0.7%

Table SQ-12-3a

Sacramento River at American River, Monthly Temperature

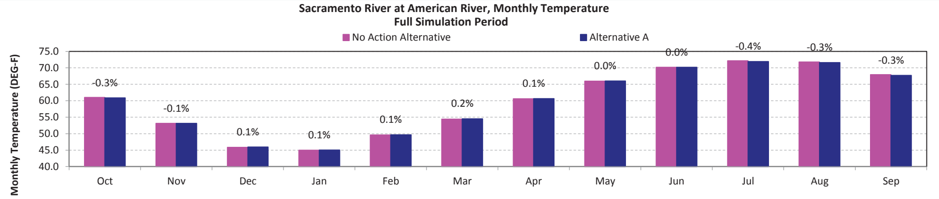
Long-term Average and Average by Water Year Type

Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	61.0	53.2	45.9	45.0	49.6	54.4	60.6	66.0	70.2	72.2	71.8	67.9
Alternative A	60.9	53.1	45.9	45.0	49.7	54.5	60.7	66.0	70.2	71.9	71.6	67.7
Difference	-0.2	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	-0.3	-0.2	-0.2
Percent Difference[3]	-0.3%	-0.1%	0.1%	0.1%	0.1%	0.2%	0.1%	0.0%	0.0%	-0.4%	-0.3%	-0.3%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	60.5	53.7	46.4	45.8	49.5	53.3	58.5	64.2	68.8	72.3	71.7	66.0
Alternative A	60.3	53.7	46.5	45.9	49.5	53.3	58.5	64.2	68.7	72.1	71.7	65.8
Difference	-0.2	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	0.0	-0.2
Percent Difference	-0.3%	-0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.3%	0.0%	-0.3%
Above Normal (15%)												
No Action Alternative	60.4	52.1	45.7	45.1	49.4	54.0	60.5	66.2	70.4	71.3	70.9	66.9
Alternative A	60.2	52.0	45.7	45.2	49.4	54.0	60.5	66.2	70.4	70.8	70.8	66.9
Difference	-0.2	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.4	-0.1	0.0
Percent Difference	-0.4%	-0.1%	0.1%	0.1%	0.0%	0.1%	0.1%	0.0%	0.0%	-0.6%	-0.1%	0.0%
Below Normal (17%)												
No Action Alternative	60.8	53.1	45.9	44.3	48.9	54.5	61.0	66.0	70.4	71.8	71.9	69.3
Alternative A	60.5	53.2	45.9	44.4	48.9	54.7	61.0	66.0	70.5	71.7	71.8	68.9
Difference	-0.2	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	-0.2	-0.1	-0.4
Percent Difference	-0.4%	0.1%	0.0%	0.1%	0.1%	0.3%	0.0%	0.1%	0.1%	-0.2%	-0.2%	-0.6%
Dry (22%)												
No Action Alternative	61.2	53.1	45.8	44.1	49.6	55.1	61.9	67.2	71.5	71.9	71.4	69.0
Alternative A	61.1	53.1	45.9	44.2	49.6	55.3	62.1	67.3	71.4	71.6	71.2	68.8
Difference	-0.1	0.0	0.1	0.0	0.0	0.2	0.2	0.1	-0.1	-0.4	-0.2	-0.2
Percent Difference	-0.2%	0.0%	0.2%	0.0%	0.1%	0.3%	0.3%	0.1%	-0.1%	-0.5%	-0.3%	-0.3%
Critical (15%)												
No Action Alternative	62.9	52.9	44.7	44.7	50.8	55.9	62.8	67.6	70.6	73.6	73.3	69.9
Alternative A	62.8	52.8	44.8	44.8	51.0	56.1	62.8	67.6	70.6	73.4	72.5	69.6
Difference	-0.1	-0.1	0.0	0.1	0.1	0.2	0.1	0.0	0.0	-0.2	-0.8	-0.2
Percent Difference	-0.1%	-0.1%	0.1%	0.3%	0.2%	0.3%	0.1%	0.0%	0.0%	-0.3%	-1.1%	-0.3%

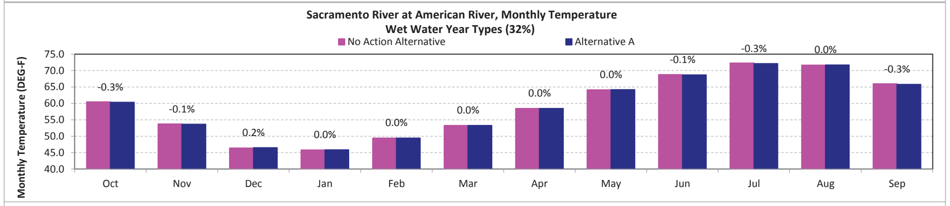
1 Based on the 82-year simulation period

2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

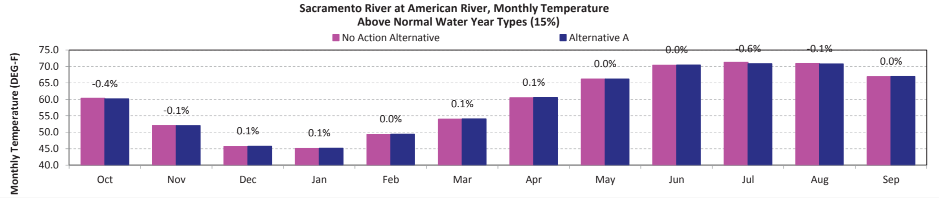
3 Relative difference of the monthly average



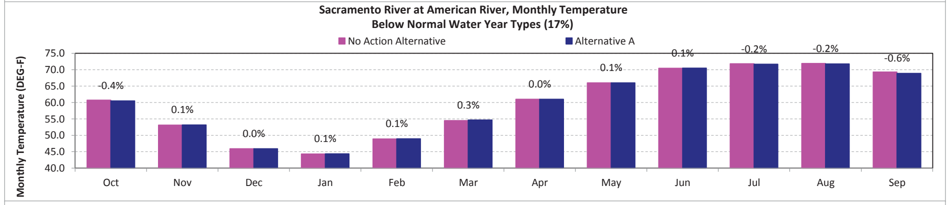
Sacramento River at American River, Monthly Temperature
Full Simulation Period



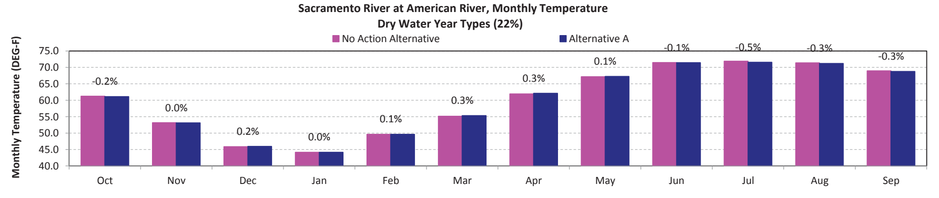
Sacramento River at American River, Monthly Temperature
Wet Water Year Types (32%)



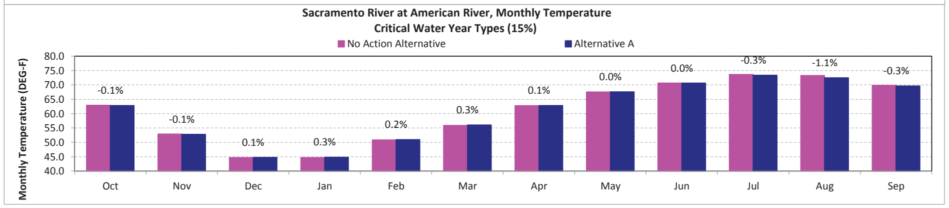
Sacramento River at American River, Monthly Temperature
Above Normal Water Year Types (15%)



Sacramento River at American River, Monthly Temperature
Below Normal Water Year Types (17%)



Sacramento River at American River, Monthly Temperature
Dry Water Year Types (22%)



Sacramento River at American River, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-12-3b

Sacramento River at American River, Monthly Temperature Probability of Exceedance

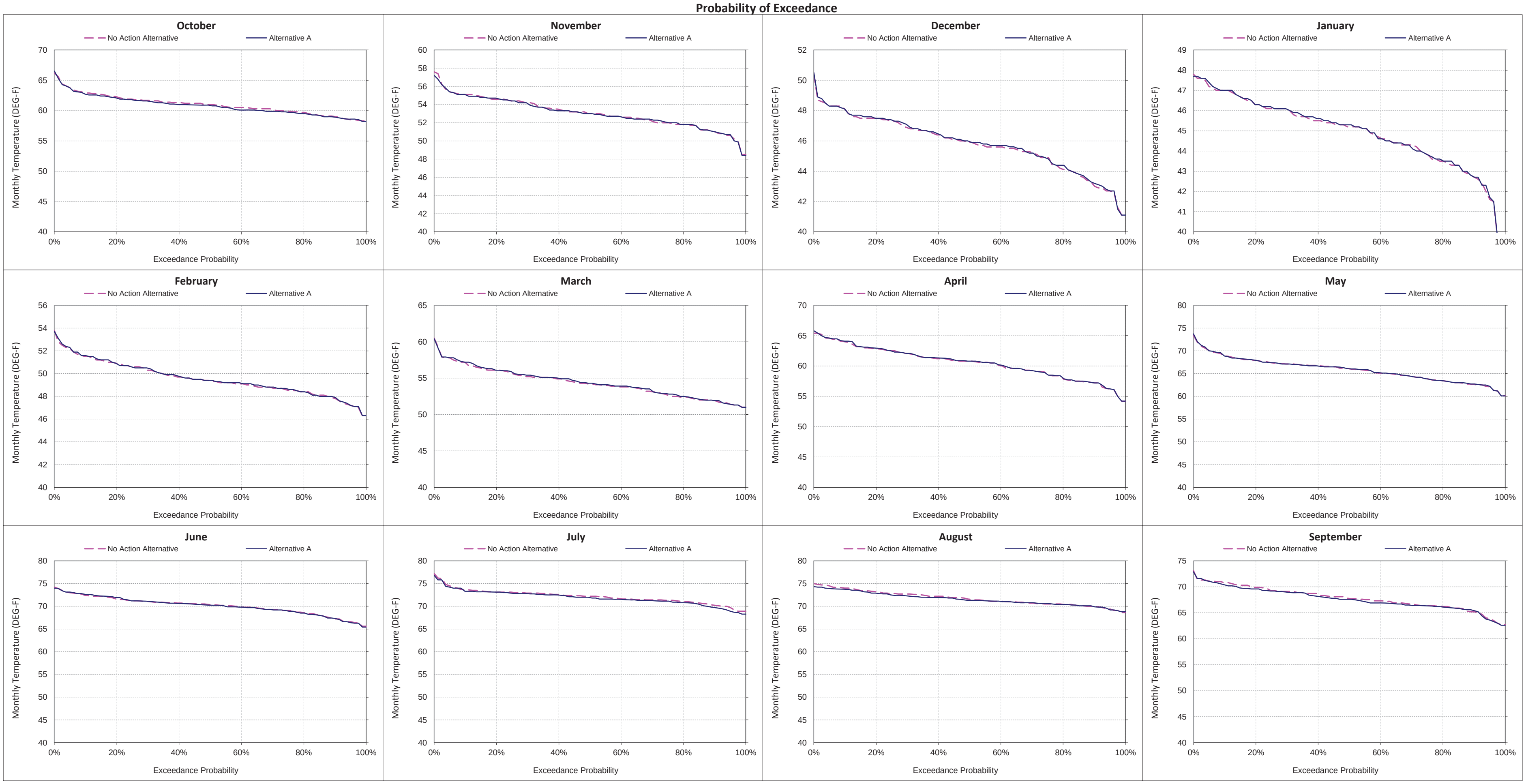


Table SQ-12-3b

Sacramento River at American River, Monthly Temperature

Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.2	66.5	0.3	0.5%
1.2%	65.6	65.3	-0.3	-0.5%
2.5%	64.4	64.3	-0.1	-0.2%
3.7%	64.1	64.1	0.0	0.0%
4.9%	63.8	63.8	0.0	0.0%
6.2%	63.4	63.2	-0.2	-0.3%
7.4%	63.2	63.1	-0.1	-0.2%
8.6%	63.1	63.0	-0.1	-0.2%
9.9%	62.9	62.7	-0.2	-0.3%
11.1%	62.9	62.6	-0.3	-0.5%
12.3%	62.8	62.6	-0.2	-0.3%
13.6%	62.8	62.6	-0.2	-0.3%
14.8%	62.7	62.4	-0.3	-0.5%
16.0%	62.6	62.4	-0.2	-0.3%
17.3%	62.4	62.3	-0.1	-0.2%
18.5%	62.4	62.2	-0.2	-0.3%
19.8%	62.3	62.1	-0.2	-0.3%
21.0%	62.1	61.9	-0.2	-0.3%
22.2%	62.0	61.9	-0.1	-0.2%
23.5%	61.9	61.8	-0.1	-0.2%
24.7%	61.9	61.8	-0.1	-0.2%
25.9%	61.8	61.7	-0.1	-0.2%
27.2%	61.8	61.7	-0.1	-0.2%
28.4%	61.7	61.6	-0.1	-0.2%
29.6%	61.7	61.6	-0.1	-0.2%
30.9%	61.7	61.5	-0.2	-0.3%
32.1%	61.6	61.4	-0.2	-0.3%
33.3%	61.6	61.3	-0.3	-0.5%
34.6%	61.4	61.3	-0.1	-0.2%
35.8%	61.4	61.2	-0.2	-0.3%
37.0%	61.4	61.1	-0.3	-0.5%
38.3%	61.3	61.1	-0.2	-0.3%
39.5%	61.3	61.0	-0.3	-0.5%
40.7%	61.3	61.0	-0.3	-0.5%
42.0%	61.2	61.0	-0.2	-0.3%
43.2%	61.2	61.0	-0.2	-0.3%
44.4%	61.2	60.9	-0.3	-0.5%
45.7%	61.2	60.9	-0.3	-0.5%
46.9%	61.2	60.9	-0.3	-0.5%
48.1%	61.0	60.9	-0.1	-0.2%
49.4%	61.0	60.9	-0.1	-0.2%
50.6%	61.0	60.8	-0.2	-0.3%
51.9%	60.9	60.8	-0.1	-0.2%
53.1%	60.9	60.6	-0.3	-0.5%
54.3%	60.7	60.5	-0.2	-0.3%
55.6%	60.6	60.5	-0.1	-0.2%
56.8%	60.5	60.4	-0.1	-0.2%
58.0%	60.5	60.2	-0.3	-0.5%
59.3%	60.5	60.1	-0.4	-0.7%
60.5%	60.5	60.1	-0.4	-0.7%
61.7%	60.5	60.1	-0.4	-0.7%
63.0%	60.4	60.1	-0.3	-0.5%
64.2%	60.3	60.1	-0.2	-0.3%
65.4%	60.3	60.0	-0.3	-0.5%
66.7%	60.3	60.0	-0.3	-0.5%
67.9%	60.3	59.9	-0.4	-0.7%
69.1%	60.3	59.9	-0.4	-0.7%
70.4%	60.1	59.9	-0.2	-0.3%
71.6%	60.0	59.9	-0.1	-0.2%
72.8%	60.0	59.8	-0.2	-0.3%
74.1%	59.9	59.8	-0.1	-0.2%
75.3%	59.9	59.7	-0.2	-0.3%
76.5%	59.8	59.7	-0.1	-0.2%
77.8%	59.8	59.6	-0.2	-0.3%
79.0%	59.7	59.5	-0.2	-0.3%
80.2%	59.7	59.5	-0.2	-0.3%
81.5%	59.5	59.4	-0.1	-0.2%
82.7%	59.4	59.3	-0.1	-0.2%
84.0%	59.3	59.3	0.0	0.0%
85.2%	59.2	59.2	0.0	0.0%
86.4%	59.1	59.0	-0.1	-0.2%
87.7%	59.1	59.0	-0.1	-0.2%
88.9%	59.1	59.0	-0.1	-0.2%
90.1%	59.0	58.9	-0.1	-0.2%
91.4%	58.9	58.8	-0.1	-0.2%
92.6%	58.7	58.7	0.0	0.0%
93.8%	58.6	58.6	0.0	0.0%
95.1%	58.5	58.6	0.1	0.2%
96.3%	58.5	58.6	0.1	0.2%
97.5%	58.4	58.5	0.1	0.2%
98.8%	58.3	58.2	-0.1	-0.2%
100.0%	58.3	58.2	-0.1	-0.2%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	57.6	57.2	-0.4	-0.7%
1.2%	57.4	56.8	-0.6	-1.0%
2.5%	56.2	56.2	0.0	0.0%
3.7%	55.7	55.8	0.1	0.2%
4.9%	55.4	55.4	0.0	0.0%
6.2%	55.3	55.3	0.0	0.0%
7.4%	55.2	55.1	-0.1	-0.2%
8.6%	55.1	55.1	0.0	0.0%
9.9%	55.1	55.1	0.0	0.0%
11.1%	55.1	54.9	-0.2	-0.4%
12.3%	55.1	54.9	-0.2	-0.4%
13.6%	55.0	54.9	-0.1	-0.2%
14.8%	54.9	54.8	-0.1	-0.2%
16.0%	54.8	54.8	0.0	0.0%
17.3%	54.7	54.7	0.0	0.0%
18.5%	54.6	54.7	0.1	0.2%
19.8%	54.6	54.7	0.1	0.2%
21.0%	54.6	54.6	0.0	0.0%
22.2%	54.6	54.5	-0.1	-0.2%
23.5%	54.5	54.5	0.0	0.0%
24.7%	54.4	54.4	0.0	0.0%
25.9%	54.4	54.4	0.0	0.0%
27.2%	54.4	54.2	-0.2	-0.4%
28.4%	54.3	54.2	-0.1	-0.2%
29.6%	54.2	54.2	0.0	0.0%
30.9%	54.2	53.9	-0.3	-0.6%
32.1%	54.1	53.8	-0.3	-0.6%
33.3%	53.8	53.7	-0.1	-0.2%
34.6%	53.7	53.7	0.0	0.0%
35.8%	53.6	53.6	0.0	0.0%
37.0%	53.6	53.4	-0.2	-0.4%
38.3%	53.5	53.4	-0.1	-0.2%
39.5%	53.5	53.3	-0.2	-0.4%
40.7%	53.4	53.3	-0.1	-0.2%
42.0%	53.3	53.3	0.0	0.0%
43.2%	53.2	53.3	0.1	0.2%
44.4%	53.2	53.2	0.0	0.0%
45.7%	53.2	53.2	0.0	0.0%
46.9%	53.2	53.1	-0.1	-0.2%
48.1%	53.2	53.0	-0.2	-0.4%
49.4%	53.0	53.0	0.0	0.0%
50.6%	53.0	53.0	0.0	0.0%
51.9%	53.0	52.9	-0.1	-0.2%
53.1%	53.0	52.9	-0.1	-0.2%
54.3%	52.9	52.8	-0.1	-0.2%
55.6%	52.8	52.7	-0.1	-0.2%
56.8%	52.7	52.7	0.0	0.0%
58.0%	52.7	52.7	0.0	0.0%
59.3%	52.7	52.7	0.0	0.0%
60.5%	52.6	52.6	0.0	0.0%
61.7%	52.6	52.5	-0.1	-0.2%
63.0%	52.6	52.5	-0.1	-0.2%
64.2%	52.5	52.4	-0.1	-0.2%
65.4%	52.5	52.4	-0.1	-0.2%
66.7%	52.4	52.4	0.0	0.0%
67.9%	52.3	52.4	0.1	0.2%
69.1%	52.3	52.4	0.1	0.2%
70.4%	52.1	52.3	0.2	0.4%
71.6%	52.0	52.3	0.3	0.6%
72.8%	52.0	52.2	0.2	0.4%
74.1%	52.0	52.1	0.1	0.2%
75.3%	52.0	52.0	0.0	0.0%
76.5%	51.9	52.0	0.1	0.2%
77.8%	51.8	52.0	0.2	0.4%
79.0%	51.8	51.8	0.0	0.0%
80.2%	51.8	51.8	0.0	0.0%
81.5%	51.8	51.8	0.0	0.0%
82.7%	51.7	51.8	0.1	0.2%
84.0%	51.7	51.7	0.0	0.0%
85.2%	51.2	51.3	0.1	0.2%
86.4%	51.2	51.2	0.0	0.0%
87.7%	51.2	51.2	0.0	0.0%
88.9%	51.1	51.1	0.0	0.0%
90.1%	51.0	51.0	0.0	0.0%
91.4%	50.8	50.9	0.1	0.2%
92.6%	50.8	50.8	0.0	0.0%
93.8%	50.6	50.7	0.1	0.2%
95.1%	50.6	50.7	0.1	0.2%
96.3%	50.2	50.0	-0.2	-0.4%
97.5%	49.9	49.9	0.0	0.0%
98.8%	48.5	48.4	-0.1	-0.2%
100.0%	48.5	48.4	-0.1	-0.2%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.4	50.5	0.1	0.2%
1.2%	48.7	48.9	0.2	0.4%
2.5%	48.6	48.8	0.2	0.4%
3.7%	48.5	48.5	0.0	0.0%
4.9%	48.3	48.3	0.0	0.0%
6.2%	48.3	48.3	0.0	0.0%
7.4%	48.3	48.3	0.0	0.0%
8.6%	48.3	48.2	-0.1	-0.2%
9.9%	48.1	48.1	0.0	0.0%
11.1%	47.8	47.8	0.0	0.0%
12.3%	47.6	47.7	0.1	0.2%
13.6%	47.6	47.7	0.1	0.2%
14.8%	47.5	47.7	0.2	0.4%
16.0%	47.5	47.6	0.1	0.2%
17.3%	47.5	47.6	0.1	0.2%
18.5%	47.5	47.6	0.1	0.2%
19.8%	47.5	47.5	0.0	0.0%
21.0%	47.5	47.5	0.0	0.0%
22.2%	47.4	47.5	0.1	0.2%
23.5%	47.4	47.4	0.0	0.0%
24.7%	47.3	47.4	0.1	0.2%
25.9%	47.3	47.3	0.0	0.0%
27.2%	47.2	47.3	0.1	0.2%
28.4%	47.0	47.2	0.2	0.4%
29.6%	46.9	47.1	0.2	0.4%
30.9%	46.8	46.9	0.1	0.2%
32.1%	46.8	46.8	0.0	0.0%
33.3%	46.7	46.8	0.1	0.2%
34.6%	46.7	46.7	0.0	0.0%
35.8%	46.7	46.7	0.0	0.0%
37.0%	46.6	46.6	0.0	0.0%
38.3%	46.5	46.6	0.1	0.2%
39.5%	46.4	46.5	0.1	0.2%
40.7%	46.4	46.4	0.0	0.0%
42.0%	46.2	46.2	0.0	0.0%
43.2%	46.2	46.2	0.0	0.0%
44.4%	46.1	46.2	0.1	0.2%
45.7%	46.1	46.1	0.0	0.0%
46.9%	46.0	46.1	0.1	0.2%
48.1%	46.0	46.0	0.0	0.0%
49.4%	45.9	46.0	0.1	0.2%
50.6%	45.9	45.9	0.0	0.0%
51.9%	45.8	45.9	0.1	0.2%
53.1%	45.7	45.9	0.2	0.4%
54.3%	45.7	45.8	0.1	0.2%
55.6%	45.6	45.8	0.2	0.4%
56.8%	45.6	45.7	0.1	0.2%
58.0%	45.6	45.7	0.1	0.2%
59.3%	45.6	45.7	0.1	0.2%
60.5%	45.6	45.7	0.1	0.2%
61.7%	45.5	45.7	0.2	0.4%
63.0%	45.5	45.6	0.1	0.2%
64.2%	45.5	45.6	0.1	0.2%
65.4%	45.4	45.5	0.1	0.2%
66.7%	45.3	45.5	0.2	0.4%
67.9%	45.3	45.3	0.0	0.0%
69.1%	45.3	45.2	-0.1	-0.2%
70.4%	45.2	45.2	0.0	0.0%
71.6%	45.1	45.0	-0.1	-0.2%
72.8%	44.9	45.0	0.1	0.2%
74.1%	44.9	44.9	0.0	0.0%
75.3%	44.9	44.8	-0.1	-0.2%
76.5%	44.4	44.5	0.1	0.2%
77.8%	44.4	44.4	0.0	0.0%
79.0%	44.2	44.4	0.2	0.5%
80.2%	44.1	44.4	0.3	0.7%
81.5%	44.1	44.1	0.0	0.0%
82.7%	44.0	44.0	0.0	0.0%
84.0%	43.9	43.9	0.0	0.0%
85.2%	43.7	43.8	0.1	0.2%
86.4%	43.6	43.7	0.1	0.2%
87.7%	43.4	43.5	0.1	0.2%
88.9%	43.3	43.3	0.0	0.0%
90.1%	43.0	43.2	0.2	0.5%
91.4%	42.9	43.1	0.2	0.5%
92.6%	42.9	43.0	0.1	0.2%
93.8%	42.7	42.8	0.1	0.2%
95.1%	42.7	42.7	0.0	0.0%
96.3%	42.6	42.7	0.1	0.2%
97.5%	41.6	41.5	-0.1	-0.2%
98.8%	41.1	41.1	0.0	0.0%
100.0%	41.1	41.1	0.0	0.0%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.8	47.7	-0.1	-0.2%
1.2%	47.6	47.7	0.1	0.2%
2.5%	47.6	47.6	0.0	0.0%
3.7%	47.5	47.6	0.1	0.2%
4.9%	47.2	47.4	0.2	0.4%
6.2%	47.1	47.2	0.1	0.2%
7.4%	47.0	47.1	0.1	0.2%
8.6%	47.0	47.0	0.0	0.0%
9.9%	47.0	47.0	0.0	0.0%
11.1%	47.0	47.0	0.0	0.0%
12.3%	46.9	47.0	0.1	0.2%
13.6%	46.8	46.8	0.0	0.0%
14.8%	46.7	46.7	0.0	0.0%
16.0%	46.6	46.6	0.0	0.0%
17.3%	46.5	46.6	0.1	0.2%
18.5%	46.5	46.5	0.0	0.0%
19.8%	46.3	46.3	0.0	0.0%
21.0%	46.3	46.3	0.0	0.0%
22.2%	46.2	46.2	0.0	0.0%
23.5%	46.1	46.2	0.1	0.2%
24.7%	46.1	46.2	0.1	0.2%
25.9%	46.1	46.1	0.0	0.0%
27.2%	46.1	46.1	0.0	0.0%
28.4%	46.1	46.1	0.0	0.0%
29.6%	46.1	46.1	0.0	0.0%
30.9%	46.0	46.0	0.0	0.0%
32.1%	45.8	45.9	0.1	0.2%
33.3%	45.7	45.9	0.2	0.4%
34.6%	45.7	45.8	0.1	0.2%
35.8%	45.7	45.7	0.0	0.0%
37.0%	45.6	45.7	0.1	0.2%
38.3%	45.5	45.7	0.2	0.4%
39.5%	45.5	45.6	0.1	0.2%
40.7%	45.5	45.6	0.1	0.2%
42.0%	45.4	45.5	0.1	0.2%
43.2%	45.4	45.5	0.1	0.2%
44.4%	45.4	45.4	0.0	0.0%
45.7%	45.3	45.4	0.1	0.2%
46.9%	45.3	45.3	0.0	0.0%
48.1%	45.3	45.3	0.0	0.0%
49.4%	45.2	45.3	0.1	0.2%
50.6%	45.2	45.3	0.1	0.2%
51.9%	45.2	45.2	0.0	0.0%
53.1%	45.2	45.2	0.0	0.0%
54.3%	45.1	45.1	0.0	0.0%
55.6%	45.1	45.1	0.0	0.0%
56.8%	44.9	44.9	0.0	0.0%
58.0%	44.8	44.9	0.1	0.2%
59.3%	44.7	44.6	-0.1	-0.2%
60.5%	44.6	44.6	0.0	0.0%
61.7%	44.6	44.5	-0.1	-0.2%
63.0%	44.5	44.5	0.0	0.0%
64.2%	44.4	44.4	0.0	0.0%
65.4%	44.4	44.4	0.0	0.0%
66.7%	44.3	44.4	0.1	0.2%
67.9%	44.3	44.3	0.0	0.0%
69.1%	44.3	44.3	0.0	0.0%
70.4%	44.3	44.1	-0.2	-0.5%
71.6%	44.2	44.0	-0.2	-0.5%
72.8%	44.0	44.0	0.0	0.0%
74.1%	43.9	43.9	0.0	0.0%
75.3%	43.8	43.8	0.0	0.0%
76.5%	43.6	43.7	0.1	0.2%
77.8%	43.6	43.6	0.0	0.0%
79.0%	43.5	43.6	0.1	0.2%
80.2%	43.5	43.5	0.0	0.0%
81.5%	43.4	43.5	0.1	0.2%
82.7%	43.3	43.5	0.2	0.5%
84.0%	43.3	43.3	0.0	0.0%
85.2%	43.3	43.3	0.0	0.0%
86.4%	43.0	43.0	0.0	0.0%
87.7%	42.9	43.0	0.1	0.2%
88.9%	42.8	42.8	0.0	0.0%
90.1%	42.7	42.7	0.0	0.0%
91.4%	42.6	42.7	0.1	0.2%
92.6%	42.4	42.3	-0.1	-0.2%
93.8%	42.0	42.3	0.3	0.7%
95.1%	41.6	41.7	0.1	0.2%
96.3%	41.5	41.5	0.0	0.0%
97.5%	39.7	39.7	0.0	0.0%
98.8%	39.3	39.3	0.0	0.0%
100.0%	39.3	39.3	0.0	0.0%

Table SQ-12-3b

Sacramento River at American River, Monthly Temperature
Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.8	53.7	-0.1	-0.2%
1.2%	52.8	53.1	0.3	0.6%
2.5%	52.5	52.6	0.1	0.2%
3.7%	52.3	52.4	0.1	0.2%
4.9%	52.2	52.3	0.1	0.2%
6.2%	51.9	51.9	0.0	0.0%
7.4%	51.7	51.9	0.2	0.4%
8.6%	51.6	51.6	0.0	0.0%
9.9%	51.5	51.6	0.1	0.2%
11.1%	51.5	51.5	0.0	0.0%
12.3%	51.3	51.5	0.2	0.4%
13.6%	51.2	51.3	0.1	0.2%
14.8%	51.2	51.2	0.0	0.0%
16.0%	51.1	51.2	0.1	0.2%
17.3%	51.0	51.2	0.2	0.4%
18.5%	51.0	51.0	0.0	0.0%
19.8%	50.9	50.9	0.0	0.0%
21.0%	50.9	50.7	-0.2	-0.4%
22.2%	50.7	50.7	0.0	0.0%
23.5%	50.7	50.7	0.0	0.0%
24.7%	50.6	50.6	0.0	0.0%
25.9%	50.6	50.5	-0.1	-0.2%
27.2%	50.6	50.5	-0.1	-0.2%
28.4%	50.5	50.5	0.0	0.0%
29.6%	50.3	50.5	0.2	0.4%
30.9%	50.3	50.4	0.1	0.2%
32.1%	50.2	50.2	0.0	0.0%
33.3%	50.1	50.1	0.0	0.0%
34.6%	50.0	50.0	0.0	0.0%
35.8%	49.9	49.9	0.0	0.0%
37.0%	49.8	49.9	0.1	0.2%
38.3%	49.8	49.9	0.1	0.2%
39.5%	49.7	49.8	0.1	0.2%
40.7%	49.7	49.7	0.0	0.0%
42.0%	49.6	49.6	0.0	0.0%
43.2%	49.6	49.6	0.0	0.0%
44.4%	49.5	49.5	0.0	0.0%
45.7%	49.5	49.5	0.0	0.0%
46.9%	49.5	49.5	0.0	0.0%
48.1%	49.4	49.4	0.0	0.0%
49.4%	49.4	49.4	0.0	0.0%
50.6%	49.3	49.4	0.1	0.2%
51.9%	49.3	49.3	0.0	0.0%
53.1%	49.2	49.3	0.1	0.2%
54.3%	49.2	49.2	0.0	0.0%
55.6%	49.2	49.2	0.0	0.0%
56.8%	49.2	49.2	0.0	0.0%
58.0%	49.1	49.2	0.1	0.2%
59.3%	49.1	49.2	0.1	0.2%
60.5%	49.1	49.1	0.0	0.0%
61.7%	49.0	49.1	0.1	0.2%
63.0%	49.0	49.1	0.1	0.2%
64.2%	48.9	49.0	0.1	0.2%
65.4%	48.8	49.0	0.2	0.4%
66.7%	48.8	48.9	0.1	0.2%
67.9%	48.8	48.8	0.0	0.0%
69.1%	48.8	48.8	0.0	0.0%
70.4%	48.7	48.8	0.1	0.2%
71.6%	48.7	48.7	0.0	0.0%
72.8%	48.7	48.7	0.0	0.0%
74.1%	48.6	48.7	0.1	0.2%
75.3%	48.5	48.6	0.1	0.2%
76.5%	48.5	48.6	0.1	0.2%
77.8%	48.5	48.5	0.0	0.0%
79.0%	48.4	48.4	0.0	0.0%
80.2%	48.4	48.4	0.0	0.0%
81.5%	48.4	48.3	-0.1	-0.2%
82.7%	48.2	48.1	-0.1	-0.2%
84.0%	48.1	48.1	0.0	0.0%
85.2%	48.1	48.0	-0.1	-0.2%
86.4%	48.1	48.0	-0.1	-0.2%
87.7%	48.0	48.0	0.0	0.0%
88.9%	47.9	48.0	0.1	0.2%
90.1%	47.8	47.9	0.1	0.2%
91.4%	47.6	47.6	0.0	0.0%
92.6%	47.4	47.5	0.1	0.2%
93.8%	47.3	47.4	0.1	0.2%
95.1%	47.2	47.2	0.0	0.0%
96.3%	47.1	47.1	0.0	0.0%
97.5%	47.0	47.1	0.1	0.2%
98.8%	46.3	46.3	0.0	0.0%
100.0%	46.3	46.3	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.5	60.4	-0.1	-0.2%
1.2%	59.3	59.2	-0.1	-0.2%
2.5%	57.9	57.9	0.0	0.0%
3.7%	57.8	57.9	0.1	0.2%
4.9%	57.8	57.8	0.0	0.0%
6.2%	57.5	57.8	0.3	0.5%
7.4%	57.3	57.5	0.2	0.3%
8.6%	57.2	57.3	0.1	0.2%
9.9%	57.2	57.2	0.0	0.0%
11.1%	56.7	57.2	0.5	0.9%
12.3%	56.7	57.0	0.3	0.5%
13.6%	56.5	56.7	0.2	0.4%
14.8%	56.4	56.5	0.1	0.2%
16.0%	56.2	56.4	0.2	0.4%
17.3%	56.1	56.3	0.2	0.4%
18.5%	56.1	56.3	0.2	0.4%
19.8%	56.1	56.1	0.0	0.0%
21.0%	56.1	56.1	0.0	0.0%
22.2%	56.0	56.0	0.0	0.0%
23.5%	55.9	56.0	0.1	0.2%
24.7%	55.7	55.9	0.2	0.4%
25.9%	55.5	55.6	0.1	0.2%
27.2%	55.4	55.5	0.1	0.2%
28.4%	55.3	55.5	0.2	0.4%
29.6%	55.2	55.4	0.2	0.4%
30.9%	55.2	55.4	0.2	0.4%
32.1%	55.1	55.3	0.2	0.4%
33.3%	55.1	55.2	0.1	0.2%
34.6%	55.1	55.1	0.0	0.0%
35.8%	55.1	55.1	0.0	0.0%
37.0%	55.1	55.1	0.0	0.0%
38.3%	55.0	55.1	0.1	0.2%
39.5%	54.9	55.0	0.1	0.2%
40.7%	54.9	54.9	0.0	0.0%
42.0%	54.7	54.9	0.2	0.4%
43.2%	54.6	54.9	0.3	0.5%
44.4%	54.5	54.7	0.2	0.4%
45.7%	54.4	54.6	0.2	0.4%
46.9%	54.3	54.4	0.1	0.2%
48.1%	54.3	54.4	0.1	0.2%
49.4%	54.2	54.3	0.1	0.2%
50.6%	54.2	54.3	0.1	0.2%
51.9%	54.1	54.2	0.1	0.2%
53.1%	54.1	54.1	0.0	0.0%
54.3%	54.0	54.1	0.1	0.2%
55.6%	54.0	54.1	0.1	0.2%
56.8%	53.9	54.0	0.1	0.2%
58.0%	53.9	53.9	0.0	0.0%
59.3%	53.8	53.9	0.1	0.2%
60.5%	53.8	53.9	0.1	0.2%
61.7%	53.8	53.9	0.1	0.2%
63.0%	53.8	53.8	0.0	0.0%
64.2%	53.7	53.7	0.0	0.0%
65.4%	53.6	53.7	0.1	0.2%
66.7%	53.5	53.6	0.1	0.2%
67.9%	53.2	53.5	0.3	0.6%
69.1%	53.2	53.5	0.3	0.6%
70.4%	53.1	53.1	0.0	0.0%
71.6%	53.1	53.0	-0.1	-0.2%
72.8%	52.9	52.9	0.0	0.0%
74.1%	52.8	52.9	0.1	0.2%
75.3%	52.6	52.8	0.2	0.4%
76.5%	52.5	52.8	0.3	0.6%
77.8%	52.5	52.7	0.2	0.4%
79.0%	52.4	52.5	0.1	0.2%
80.2%	52.4	52.5	0.1	0.2%
81.5%	52.4	52.4	0.0	0.0%
82.7%	52.2	52.3	0.1	0.2%
84.0%	52.1	52.2	0.1	0.2%
85.2%	52.0	52.1	0.1	0.2%
86.4%	52.0	52.0	0.0	0.0%
87.7%	52.0	52.0	0.0	0.0%
88.9%	52.0	52.0	0.0	0.0%
90.1%	51.9	51.9	0.0	0.0%
91.4%	51.7	51.9	0.2	0.4%
92.6%	51.6	51.6	0.0	0.0%
93.8%	51.6	51.5	-0.1	-0.2%
95.1%	51.4	51.4	0.0	0.0%
96.3%	51.3	51.3	0.0	0.0%
97.5%	51.3	51.3	0.0	0.0%
98.8%	51.0	51.0	0.0	0.0%
100.0%	51.0	51.0	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.4	65.8	0.4	0.6%
1.2%	65.4	65.4	0.0	0.0%
2.5%	65.2	65.0	-0.2	-0.3%
3.7%	64.6	64.7	0.1	0.2%
4.9%	64.6	64.6	0.0	0.0%
6.2%	64.4	64.5	0.1	0.2%
7.4%	64.3	64.5	0.2	0.3%
8.6%	64.1	64.2	0.1	0.2%
9.9%	64.0	64.1	0.1	0.2%
11.1%	63.9	64.1	0.2	0.3%
12.3%	63.6	64.0	0.4	0.6%
13.6%	63.2	63.3	0.1	0.2%
14.8%	63.2	63.2	0.0	0.0%
16.0%	63.0	63.1	0.1	0.2%
17.3%	63.0	63.1	0.1	0.2%
18.5%	62.9	63.0	0.1	0.2%
19.8%	62.9	63.0	0.1	0.2%
21.0%	62.8	62.9	0.1	0.2%
22.2%	62.7	62.8	0.1	0.2%
23.5%	62.6	62.6	0.0	0.0%
24.7%	62.5	62.5	0.0	0.0%
25.9%	62.5	62.3	-0.2	-0.3%
27.2%	62.3	62.3	0.0	0.0%
28.4%	62.1	62.2	0.1	0.2%
29.6%	62.1	62.1	0.0	0.0%
30.9%	62.0	62.1	0.1	0.2%
32.1%	61.9	61.9	0.0	0.0%
33.3%	61.6	61.7	0.1	0.2%
34.6%	61.5	61.5	0.0	0.0%
35.8%	61.4	61.4	0.0	0.0%
37.0%	61.4	61.4	0.0	0.0%
38.3%	61.3	61.4	0.1	0.2%
39.5%	61.2	61.3	0.1	0.2%
40.7%	61.2	61.3	0.1	0.2%
42.0%	61.2	61.3	0.1	0.2%
43.2%	61.1	61.2	0.1	0.2%
44.4%	60.9	61.1	0.2	0.3%
45.7%	60.9	60.9	0.0	0.0%
46.9%	60.8	60.9	0.1	0.2%
48.1%	60.8	60.9	0.1	0.2%
49.4%	60.8	60.8	0.0	0.0%
50.6%	60.8	60.8	0.0	0.0%
51.9%	60.7	60.8	0.1	0.2%
53.1%	60.6	60.7	0.1	0.2%
54.3%	60.6	60.6	0.0	0.0%
55.6%	60.6	60.6	0.0	0.0%
56.8%	60.5	60.5	0.0	0.0%
58.0%	60.5	60.5	0.0	0.0%
59.3%	60.1	60.2	0.1	0.2%
60.5%	60.0	60.1	0.1	0.2%
61.7%	59.6	59.9	0.3	0.5%
63.0%	59.6	59.7	0.1	0.2%
64.2%	59.6	59.6	0.0	0.0%
65.4%	59.6	59.6	0.0	0.0%
66.7%	59.5	59.5	0.0	0.0%
67.9%	59.3	59.3	0.0	0.0%
69.1%	59.3	59.3	0.0	0.0%
70.4%	59.2	59.2	0.0	0.0%
71.6%	59.1	59.1	0.0	0.0%
72.8%	59.1	59.0	-0.1	-0.2%
74.1%	59.0	58.9	-0.1	-0.2%
75.3%	58.5	58.5	0.0	0.0%
76.5%	58.4	58.5	0.1	0.2%
77.8%	58.4	58.4	0.0	0.0%
79.0%	58.4	58.4	0.0	0.0%
80.2%	57.8	57.9	0.1	0.2%
81.5%	57.7	57.7	0.0	0.0%
82.7%	57.6	57.7	0.1	0.2%
84.0%	57.5	57.5	0.0	0.0%
85.2%	57.5	57.5	0.0	0.0%
86.4%	57.4	57.5	0.1	0.2%
87.7%	57.4	57.4	0.0	0.0%
88.9%	57.3	57.3	0.0	0.0%
90.1%	57.2	57.2	0.0	0.0%
91.4%	57.2	57.2	0.0	0.0%
92.6%	56.5	56.8	0.3	0.5%
93.8%	56.3	56.3	0.0	0.0%
95.1%	56.2	56.2	0.0	0.0%
96.3%	56.1	56.1	0.0	0.0%
97.5%	55.0	55.0	0.0	0.0%
98.8%	54.2	54.2	0.0	0.0%
100.0%	54.2	54.2	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.4	73.7	0.3	0.4%
1.2%	71.9	72.0	0.1	0.1%
2.5%	71.0	71.2	0.2	0.3%
3.7%	70.6	70.8	0.2	0.3%
4.9%	70.1	70.0	-0.1	-0.1%
6.2%	69.7	69.9	0.2	0.3%
7.4%	69.6	69.7	0.1	0.1%
8.6%	69.4	69.6	0.2	0.3%
9.9%	68.9	68.9	0.0	0.0%
11.1%	68.8	68.7	-0.1	-0.1%
12.3%	68.6	68.4	-0.2	-0.3%
13.6%	68.4	68.4	0.0	0.0%
14.8%	68.3	68.3	0.0	0.0%
16.0%	68.1	68.2	0.1	0.1%
17.3%	68.1	68.2	0.1	0.1%
18.5%	67.9	68.1	0.2	0.3%
19.8%	67.9	67.9	0.0	0.0%
21.0%	67.8	67.8	0.0	0.0%
22.2%	67.6	67.5	-0.1	-0.1%
23.5%	67.6	67.5	-0.1	-0.1%
24.7%	67.4	67.4	0.0	0.0%
25.9%	67.3	67.4	0.1	0.1%
27.2%	67.2	67.3	0.1	0.1%
28.4%	67.2	67.1	-0.1	-0.1%
29.6%	67.1	67.1	0.0	0.0%
30.9%	67.1	67.1	0.0	0.0%
32.1%	67.1	67.0	-0.1	-0.1%
33.3%	67.0	67.0	0.0	0.0%
34.6%	66.9	66.9	0.0	0.0%
35.8%	66.9	66.8	-0.1	-0.1%
37.0%	66.8	66.7	-0.1	-0.1%
38.3%	66.8	66.7	-0.1	-0.1%
39.5%	66.8	66.7	-0.1	-0.1%
40.7%	66.7	66.6	-0.1	-0.1%
42.0%	66.6	66.5	-0.1	-0.2%
43.2%	66.6	66.5	-0.1	-0.2%
44.4%	66.5	66.5	0.0	0.0%
45.7%	66.5	66.5	0.0	0.0%
46.9%	66.2	66.4	0.2	0.3%
48.1%	66.2	66.3	0.1	0.2%
49.4%	66.1	66.1	0.0	0.0%
50.6%	66.0	66.0	0.0	0.0%
51.9%	65.9	66.0	0.1	0.2%
53.1%	65.9	65.9	0.0	0.0%
54.3%	65.8	65.9	0.1	0.2%
55.6%	65.7	65.9	0.2	0.3%
56.8%	65.7	65.7	0.0	0.0%
58.0%	65.2	65.2	0.0	0.0%
59.3%	65.1	65.2	0.1	0.2%
60.5%	65.1	65.1	0.0	0.0%
61.7%	65.0	65.1	0.1	0.2%
63.0%	65.0	65.0	0.0	0.0%
64.2%	64.9	65.0	0.1	0.2%
65.4%	64.8	64.9	0.1	0.2%
66.7%	64.6	64.7	0.1	0.2%
67.9%	64.6	64.6	0.0	0.0%
69.1%	64.5	64.5	0.0	0.0%
70.4%	64.3	64.3	0.0	0.0%
71.6%	64.2	64.2	0.0	0.0%
72.8%	64.2	64.2	0.0	0.0%
74.1%	63.9	63.9	0.0	0.0%
75.3%	63.8	63.8	0.0	0.0%
76.5%	63.6	63.6	0.0	0.0%
77.8%	63.6	63.5	-0.1	-0.2%
79.0%	63.5	63.5	0.0	0.0%
80.2%	63.4	63.4	0.0	0.0%
81.5%	63.3	63.3	0.0	0.0%
82.7%	63.1	63.1	0.0	0.0%
84.0%	63.0	63.0	0.0	0.0%
85.2%	63.0	63.0	0.0	0.0%
86.4%	62.9	63.0	0.1	0.2%
87.7%	62.7	62.9	0.2	0.3%
88.9%	62.7	62.7	0.0	0.0%
90.1%	62.6	62.7	0.1	0.2%
91.4%	62.5	62.6	0.1	0.2%
92.6%	62.5	62.5	0.0	0.0%
93.8%	62.2	62.5	0.3	0.5%
95.1%	62.1	62.2	0.1	0.2%
96.3%	61.3	61.3	0.0	0.0%
97.5%	61.2	61.2	0.0	0.0%
98.8%	60.1	60.1	0.0	0.0%
100.0%	60.1	60.1	0.0	0.0%

Table SQ-12-3b

Sacramento River at American River, Monthly Temperature

Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	74.2	74.0	-0.2	-0.3%
1.2%	73.9	73.9	0.0	0.0%
2.5%	73.5	73.4	-0.1	-0.1%
3.7%	73.1	73.1	0.0	0.0%
4.9%	73.0	73.1	0.1	0.1%
6.2%	72.9	73.0	0.1	0.1%
7.4%	72.8	72.8	0.0	0.0%
8.6%	72.7	72.8	0.1	0.1%
9.9%	72.4	72.6	0.2	0.3%
11.1%	72.3	72.6	0.3	0.4%
12.3%	72.2	72.5	0.3	0.4%
13.6%	72.2	72.4	0.2	0.3%
14.8%	72.2	72.2	0.0	0.0%
16.0%	72.1	72.2	0.1	0.1%
17.3%	72.0	72.2	0.2	0.3%
18.5%	71.9	72.1	0.2	0.3%
19.8%	71.6	71.9	0.3	0.4%
21.0%	71.5	71.9	0.4	0.6%
22.2%	71.5	71.5	0.0	0.0%
23.5%	71.3	71.4	0.1	0.1%
24.7%	71.2	71.2	0.0	0.0%
25.9%	71.2	71.2	0.0	0.0%
27.2%	71.2	71.2	0.0	0.0%
28.4%	71.1	71.1	0.0	0.0%
29.6%	71.1	71.1	0.0	0.0%
30.9%	71.0	71.0	0.0	0.0%
32.1%	70.9	71.0	0.1	0.1%
33.3%	70.9	70.9	0.0	0.0%
34.6%	70.9	70.8	-0.1	-0.1%
35.8%	70.8	70.8	0.0	0.0%
37.0%	70.8	70.7	-0.1	-0.1%
38.3%	70.8	70.7	-0.1	-0.1%
39.5%	70.7	70.6	-0.1	-0.1%
40.7%	70.7	70.6	-0.1	-0.1%
42.0%	70.6	70.6	0.0	0.0%
43.2%	70.6	70.5	-0.1	-0.1%
44.4%	70.6	70.5	-0.1	-0.1%
45.7%	70.5	70.4	-0.1	-0.1%
46.9%	70.5	70.4	-0.1	-0.1%
48.1%	70.5	70.3	-0.2	-0.3%
49.4%	70.4	70.3	-0.1	-0.1%
50.6%	70.3	70.2	-0.1	-0.1%
51.9%	70.3	70.2	-0.1	-0.1%
53.1%	70.2	70.2	0.0	0.0%
54.3%	70.2	70.1	-0.1	-0.1%
55.6%	70.1	69.9	-0.2	-0.3%
56.8%	70.1	69.9	-0.2	-0.3%
58.0%	70.0	69.9	-0.1	-0.1%
59.3%	70.0	69.8	-0.2	-0.3%
60.5%	69.8	69.8	0.0	0.0%
61.7%	69.8	69.7	-0.1	-0.1%
63.0%	69.8	69.7	-0.1	-0.1%
64.2%	69.7	69.7	0.0	0.0%
65.4%	69.6	69.5	-0.1	-0.1%
66.7%	69.5	69.4	-0.1	-0.1%
67.9%	69.4	69.3	-0.1	-0.1%
69.1%	69.3	69.3	0.0	0.0%
70.4%	69.3	69.2	-0.1	-0.1%
71.6%	69.2	69.2	0.0	0.0%
72.8%	69.1	69.2	0.1	0.1%
74.1%	69.1	69.1	0.0	0.0%
75.3%	69.1	68.9	-0.2	-0.3%
76.5%	68.9	68.9	0.0	0.0%
77.8%	68.7	68.7	0.0	0.0%
79.0%	68.7	68.5	-0.2	-0.3%
80.2%	68.6	68.5	-0.1	-0.1%
81.5%	68.4	68.2	-0.2	-0.3%
82.7%	68.4	68.2	-0.2	-0.3%
84.0%	68.2	68.1	-0.1	-0.1%
85.2%	68.1	68.0	-0.1	-0.1%
86.4%	67.8	67.8	0.0	0.0%
87.7%	67.6	67.4	-0.2	-0.3%
88.9%	67.4	67.4	0.0	0.0%
90.1%	67.2	67.3	0.1	0.1%
91.4%	67.2	67.1	-0.1	-0.1%
92.6%	66.7	66.6	-0.1	-0.1%
93.8%	66.6	66.6	0.0	0.0%
95.1%	66.6	66.4	-0.2	-0.3%
96.3%	66.4	66.3	-0.1	-0.2%
97.5%	66.4	66.3	-0.1	-0.2%
98.8%	65.6	65.4	-0.2	-0.3%
100.0%	65.6	65.4	-0.2	-0.3%

July				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	77.2	76.8	-0.4	-0.5%
1.2%	76.2	75.8	-0.4	-0.5%
2.5%	76.1	75.8	-0.3	-0.4%
3.7%	74.8	74.4	-0.4	-0.5%
4.9%	74.5	74.2	-0.3	-0.4%
6.2%	74.2	74.0	-0.2	-0.3%
7.4%	74.0	74.0	0.0	0.0%
8.6%	73.7	74.0	0.3	0.4%
9.9%	73.6	73.3	-0.3	-0.4%
11.1%	73.6	73.3	-0.3	-0.4%
12.3%	73.5	73.3	-0.2	-0.3%
13.6%	73.5	73.2	-0.3	-0.4%
14.8%	73.4	73.2	-0.2	-0.3%
16.0%	73.3	73.2	-0.1	-0.1%
17.3%	73.2	73.2	0.0	0.0%
18.5%	73.2	73.1	-0.1	-0.1%
19.8%	73.1	73.1	0.0	0.0%
21.0%	73.1	73.1	0.0	0.0%
22.2%	73.1	73.0	-0.1	-0.1%
23.5%	73.1	73.0	-0.1	-0.1%
24.7%	73.1	72.9	-0.2	-0.3%
25.9%	73.0	72.8	-0.2	-0.3%
27.2%	73.0	72.8	-0.2	-0.3%
28.4%	73.0	72.8	-0.2	-0.3%
29.6%	72.9	72.8	-0.1	-0.1%
30.9%	72.9	72.7	-0.2	-0.3%
32.1%	72.9	72.7	-0.2	-0.3%
33.3%	72.9	72.6	-0.3	-0.4%
34.6%	72.8	72.6	-0.2	-0.3%
35.8%	72.8	72.5	-0.3	-0.4%
37.0%	72.7	72.5	-0.2	-0.3%
38.3%	72.6	72.5	-0.1	-0.1%
39.5%	72.6	72.5	-0.1	-0.1%
40.7%	72.5	72.4	-0.1	-0.1%
42.0%	72.4	72.3	-0.1	-0.1%
43.2%	72.4	72.1	-0.3	-0.4%
44.4%	72.4	72.1	-0.3	-0.4%
45.7%	72.3	72.0	-0.3	-0.4%
46.9%	72.3	72.0	-0.3	-0.4%
48.1%	72.2	72.0	-0.2	-0.3%
49.4%	72.2	72.0	-0.2	-0.3%
50.6%	72.2	71.8	-0.4	-0.6%
51.9%	72.2	71.8	-0.4	-0.6%
53.1%	72.1	71.6	-0.5	-0.7%
54.3%	72.1	71.6	-0.5	-0.7%
55.6%	72.0	71.6	-0.4	-0.6%
56.8%	71.8	71.6	-0.2	-0.3%
58.0%	71.8	71.5	-0.3	-0.4%
59.3%	71.7	71.5	-0.2	-0.3%
60.5%	71.6	71.5	-0.1	-0.1%
61.7%	71.6	71.4	-0.2	-0.3%
63.0%	71.6	71.4	-0.2	-0.3%
64.2%	71.5	71.4	-0.1	-0.1%
65.4%	71.5	71.3	-0.2	-0.3%
66.7%	71.5	71.3	-0.2	-0.3%
67.9%	71.4	71.3	-0.1	-0.1%
69.1%	71.4	71.3	-0.1	-0.1%
70.4%	71.4	71.2	-0.2	-0.3%
71.6%	71.4	71.2	-0.2	-0.3%
72.8%	71.4	71.1	-0.3	-0.4%
74.1%	71.3	71.1	-0.2	-0.3%
75.3%	71.3	71.1	-0.2	-0.3%
76.5%	71.3	70.9	-0.4	-0.6%
77.8%	71.2	70.9	-0.3	-0.4%
79.0%	71.1	70.8	-0.3	-0.4%
80.2%	71.1	70.8	-0.3	-0.4%
81.5%	71.0	70.8	-0.2	-0.3%
82.7%	70.9	70.7	-0.2	-0.3%
84.0%	70.8	70.6	-0.2	-0.3%
85.2%	70.7	70.4	-0.3	-0.4%
86.4%	70.6	70.1	-0.5	-0.7%
87.7%	70.5	70.0	-0.5	-0.7%
88.9%	70.3	69.8	-0.5	-0.7%
90.1%	70.2	69.7	-0.5	-0.7%
91.4%	70.1	69.6	-0.5	-0.7%
92.6%	70.0	69.4	-0.6	-0.9%
93.8%	70.0	69.2	-0.8	-1.1%
95.1%	69.7	68.9	-0.8	-1.1%
96.3%	69.2	68.7	-0.5	-0.7%
97.5%	68.9	68.6	-0.3	-0.4%
98.8%	68.9	68.3	-0.6	-0.9%
100.0%	68.9	68.3	-0.6	-0.9%

August				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	75.0	74.3	-0.7	-0.9%
1.2%	74.8	74.2	-0.6	-0.8%
2.5%	74.7	74.2	-0.5	-0.7%
3.7%	74.7	74.0	-0.7	-0.9%
4.9%	74.5	73.9	-0.6	-0.8%
6.2%	74.2	73.8	-0.4	-0.5%
7.4%	74.1	73.8	-0.3	-0.4%
8.6%	74.1	73.8	-0.3	-0.4%
9.9%	74.0	73.7	-0.3	-0.4%
11.1%	74.0	73.7	-0.3	-0.4%
12.3%	73.9	73.5	-0.4	-0.5%
13.6%	73.7	73.5	-0.2	-0.3%
14.8%	73.5	73.4	-0.1	-0.1%
16.0%	73.4	73.2	-0.2	-0.3%
17.3%	73.4	73.1	-0.3	-0.4%
18.5%	73.3	72.9	-0.4	-0.5%
19.8%	73.2	72.9	-0.3	-0.4%
21.0%	73.2	72.8	-0.4	-0.5%
22.2%	72.9	72.7	-0.2	-0.3%
23.5%	72.9	72.7	-0.2	-0.3%
24.7%	72.8	72.5	-0.3	-0.4%
25.9%	72.8	72.4	-0.4	-0.5%
27.2%	72.7	72.4	-0.3	-0.4%
28.4%	72.7	72.4	-0.3	-0.4%
29.6%	72.7	72.3	-0.4	-0.6%
30.9%	72.7	72.2	-0.5	-0.7%
32.1%	72.6	72.1	-0.5	-0.7%
33.3%	72.6	72.1	-0.5	-0.7%
34.6%	72.5	72.0	-0.5	-0.7%
35.8%	72.4	72.0	-0.4	-0.6%
37.0%	72.2	72.0	-0.2	-0.3%
38.3%	72.2	71.9	-0.3	-0.4%
39.5%	72.2	71.9	-0.3	-0.4%
40.7%	72.2	71.9	-0.3	-0.4%
42.0%	72.2	71.9	-0.3	-0.4%
43.2%	72.0	71.8	-0.2	-0.3%
44.4%	71.9	71.8	-0.1	-0.1%
45.7%	71.9	71.6	-0.3	-0.4%
46.9%	71.9	71.5	-0.4	-0.6%
48.1%	71.8	71.4	-0.4	-0.6%
49.4%	71.6	71.3	-0.3	-0.4%
50.6%	71.5	71.3	-0.2	-0.3%
51.9%	71.4	71.3	-0.1	-0.1%
53.1%	71.4	71.3	-0.1	-0.1%
54.3%	71.3	71.2	-0.1	-0.1%
55.6%	71.2	71.2	0.0	0.0%
56.8%	71.1	71.2	0.1	0.1%
58.0%	71.1	71.1	0.0	0.0%
59.3%	71.1	71.1	0.0	0.0%
60.5%	71.1	71.0	-0.1	-0.1%
61.7%	71.0	71.0	0.0	0.0%
63.0%	71.0	71.0	0.0	0.0%
64.2%	71.0	70.9	-0.1	-0.1%
65.4%	70.9	70.8	-0.1	-0.1%
66.7%	70.9	70.8	-0.1	-0.1%
67.9%	70.8	70.8	0.0	0.0%
69.1%	70.7	70.8	0.1	0.1%
70.4%	70.7	70.8	0.1	0.1%
71.6%	70.6	70.7	0.1	0.1%
72.8%	70.6	70.6	0.0	0.0%
74.1%	70.5	70.6	0.1	0.1%
75.3%	70.5	70.6	0.1	0.1%
76.5%	70.5	70.5	0.0	0.0%
77.8%	70.5	70.4	-0.1	-0.1%
79.0%	70.5	70.4	-0.1	-0.1%
80.2%	70.4	70.4	0.0	0.0%
81.5%	70.4	70.4	0.0	0.0%
82.7%	70.4	70.3	-0.1	-0.1%
84.0%	70.2	70.3	0.1	0.1%
85.2%	70.2	70.1	-0.1	-0.1%
86.4%	70.1	70.1	0.0	0.0%
87.7%	70.0	70.1	0.1	0.1%
88.9%	70.0	70.1	0.1	0.1%
90.1%	69.9	69.9	0.0	0.0%
91.4%	69.9	69.8	-0.1	-0.1%
92.6%	69.7	69.8	0.1	0.1%
93.8%	69.5	69.6	0.1	0.1%
95.1%	69.4	69.2	-0.2	-0.3%
96.3%	69.1	69.2	0.1	0.1%
97.5%	69.1	69.0	-0.1	-0.1%
98.8%	68.6	68.8	0.2	0.3%
100.0%	68.6	68.8	0.2	0.3%

September				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.1	72.9	-0.2	-0.3%
1.2%	71.4	71.6	0.2	0.3%
2.5%	71.3	71.6	0.3	0.4%
3.7%	71.3	71.2	-0.1	-0.1%
4.9%	71.1	71.1	0.0	0.0%
6.2%	71.1	70.9	-0.2	-0.3%
7.4%	71.0	70.8	-0.2	-0.3%
8.6%	71.0	70.6	-0.4	-0.6%
9.9%	70.8	70.4	-0.4	-0.6%
11.1%	70.8	70.2	-0.6	-0.8%
12.3%	70.6	70.2	-0.4	-0.6%
13.6%	70.4	70.1	-0.3	-0.4%
14.8%	70.3	69.8	-0.5	-0.7%
16.0%	70.3	69.7	-0.6	-0.9%
17.3%	70.3	69.7	-0.6	-0.9%
18.5%	70.0	69.6	-0.4	-0.6%
19.8%	69.9	69.6	-0.3	-0.4%
21.0%	69.9	69.6	-0.3	-0.4%
22.2%	69.8	69.3	-0.5	-0.7%
23.5%	69.7	69.3	-0.4	-0.6%
24.7%	69.3	69.2	-0.1	-0.1%
25.9%	69.3	69.2	-0.1	-0.1%
27.2%	69.2	69.1	-0.1	-0.1%
28.4%	69.1	69.1	0.0	0.0%
29.6%	69.1	69.0	-0.1	-0.1%
30.9%	69.1	68.9	-0.2	-0.3%
32.1%	69.1	68.9	-0.2	-0.3%
33.3%	68.9	68.9	0.0	0.0%
34.6%	68.9	68.9	0.0	0.0%
35.8%	68.9	68.8	-0.1	-0.1%
37.0%	68.7	68.4	-0.3	-0.4%
38.3%	68.7	68.3	-0.4	-0.6%
39.5%	68.7	68.2	-0.5	-0.7%
40.7%	68.3	68.1	-0.2	-0.3%
42.0%	68.3	68.0	-0.3	-0.4%
43.2%	68.2	67.9	-0.3	-0.4%
44.4%	68.1	67.8	-0.3	-0.4%
45.7%	68.1	67.8	-0.3	-0.4%
46.9%	68.1	67.6	-0.5	-0.7%
48.1%	68.1	67.6	-0.5	-0.7%
49.4%	67.8	67.6	-0.2	-0.3%
50.6%	67.7	67.6	-0.1	-0.1%
51.9%	67.7	67.5	-0.2	-0.3%
53.1%	67.6	67.4	-0.2	-0.3%
54.3%	67.6	67.2	-0.4	-0.6%
55.6%	67.5	67.1	-0.4	-0.6%
56.8%	67.5	66.9	-0.6	-0.9%
58.0%	67.3	66.9	-0.4	-0.6%
59.3%	67.3	66.9	-0.4	-0.6%
60.5%	67.3	66.9	-0.4	-0.6%
61.7%	67.2	66.9	-0.3	-0.4%
63.0%	67.2	66.8	-0.4	-0.6%
64.2%	66.9	66.8	-0.1	-0.1%
65.4%	66.9	66.7	-0.2	-0.3%
66.7%	66.9	66.7	-0.2	-0.3%
67.9%	66.8	66.5	-0.3	-0.4%
69.1%	66.7	66.5	-0.2	-0.3%
70.4%	66.7	66.4	-0.3	-0.4%
71.6%	66.5	66.4	-0.1	-0.2%
72.8%	66.4	66.4	0.0	0.0%
74.1%	66.4	66.4	0.0	0.0%
75.3%	66.4	66.3	-0.1	-0.2%
76.5%	66.4	66.3	-0.1	-0.2%
77.8%	66.3	66.2	-0.1	-0.2%
79.0%	66.3	66.2	-0.1	-0.2%
80.2%	66.2	66.1	-0.1	-0.2%
81.5%	66.2	66.0	-0.2	-0.3%
82.7%	66.0	66.0	0.0	0.0%
84.0%	65.9	65.9	0.0	0.0%
85.2%	65.9	65.8	-0.1	-0.2%
86.4%	65.8	65.7	-0.1	-0.2%
87.7%	65.3	65.6	0.3	0.5%
88.9%	65.2	65.6	0.4	0.6%
90.1%	65.2	65.4	0.2	0.3%
91.4%	65.0	65.2	0.2	0.3%
92.6%	64.7	64.4	-0.3	-0.5%
93.8%	64.0	63.8	-0.2	-0.3%
95.1%	63.9	63.6	-0.3	-0.5%
96.3%	63.5	63.3	-0.2	-0.3%
97.5%	63.0	63.0	0.0	0.0%
98.8%	62.7	62.6	-0.1	-0.2%
100.0%	62.7	62.6	-0.1	-0.2%

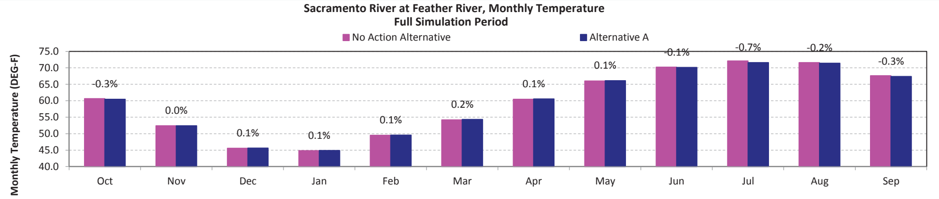
Table SQ-13-3a
Sacramento River at Feather River, Monthly Temperature
Long-term Average and Average by Water Year Type

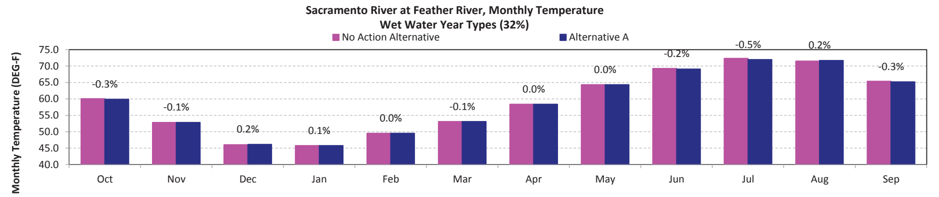
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	60.6	52.4	45.6	44.8	49.5	54.2	60.5	66.0	70.3	72.1	71.6	67.6
Alternative A	60.5	52.4	45.6	44.9	49.5	54.3	60.6	66.1	70.2	71.6	71.4	67.4
Difference	-0.2	0.0	0.1	0.0	0.0	0.1	0.1	0.1	-0.1	-0.5	-0.1	-0.2
Percent Difference[3]	-0.3%	0.0%	0.1%	0.1%	0.1%	0.2%	0.1%	0.1%	-0.1%	-0.7%	-0.2%	-0.3%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	60.1	52.9	46.1	45.8	49.5	53.1	58.4	64.3	69.3	72.4	71.5	65.4
Alternative A	59.9	52.8	46.2	45.8	49.5	53.1	58.4	64.3	69.1	72.0	71.7	65.2
Difference	-0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.2	-0.4	0.2	-0.2
Percent Difference	-0.3%	-0.1%	0.2%	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.2%	-0.5%	0.2%	-0.3%
Above Normal (15%)												
No Action Alternative	60.1	51.4	45.4	44.9	49.3	53.8	60.4	66.4	70.5	71.2	70.6	66.5
Alternative A	59.9	51.4	45.5	45.0	49.3	53.9	60.5	66.4	70.4	70.5	70.6	66.5
Difference	-0.3	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	-0.8	0.1	0.0
Percent Difference	-0.4%	0.1%	0.1%	0.1%	0.0%	0.1%	0.0%	0.0%	-0.1%	-1.1%	0.1%	0.0%
Below Normal (17%)												
No Action Alternative	60.5	52.3	45.6	44.2	48.9	54.3	61.0	66.4	70.5	72.2	71.6	69.2
Alternative A	60.2	52.4	45.6	44.2	48.9	54.5	61.0	66.4	70.5	71.4	71.6	68.9
Difference	-0.3	0.0	0.0	0.0	0.0	0.2	0.0	0.1	0.0	-0.7	-0.1	-0.3
Percent Difference	-0.5%	0.1%	0.1%	0.0%	0.1%	0.3%	0.0%	0.1%	0.0%	-1.0%	-0.1%	-0.5%
Dry (22%)												
No Action Alternative	60.8	52.4	45.5	44.0	49.4	54.9	61.8	67.0	71.3	71.7	71.1	68.8
Alternative A	60.7	52.4	45.6	44.0	49.4	55.1	62.0	67.2	71.2	71.1	70.8	68.6
Difference	-0.1	0.0	0.1	0.0	0.0	0.2	0.2	0.2	-0.1	-0.5	-0.3	-0.3
Percent Difference	-0.2%	0.1%	0.1%	0.1%	0.1%	0.4%	0.4%	0.2%	-0.2%	-0.7%	-0.4%	-0.4%
Critical (15%)												
No Action Alternative	62.3	52.4	44.6	44.5	50.4	55.5	62.5	67.3	70.2	73.2	73.1	69.7
Alternative A	62.2	52.3	44.7	44.6	50.5	55.7	62.6	67.3	70.1	72.9	72.2	69.5
Difference	-0.1	0.0	0.1	0.1	0.1	0.2	0.2	0.0	-0.1	-0.3	-0.9	-0.2
Percent Difference	-0.1%	-0.1%	0.1%	0.2%	0.2%	0.4%	0.3%	0.0%	-0.2%	-0.4%	-1.2%	-0.3%

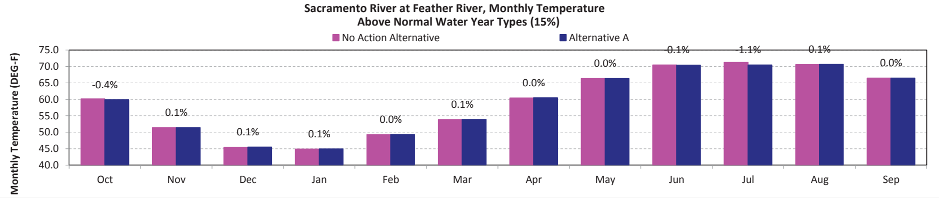
1 Based on the 82-year simulation period

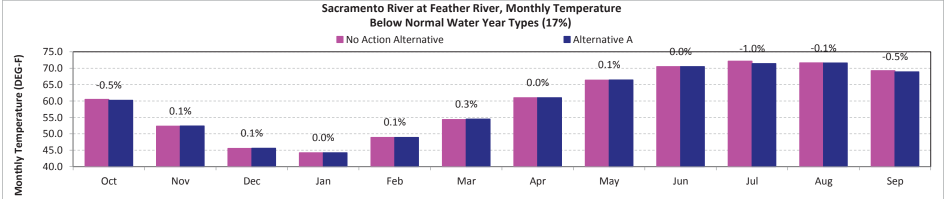
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

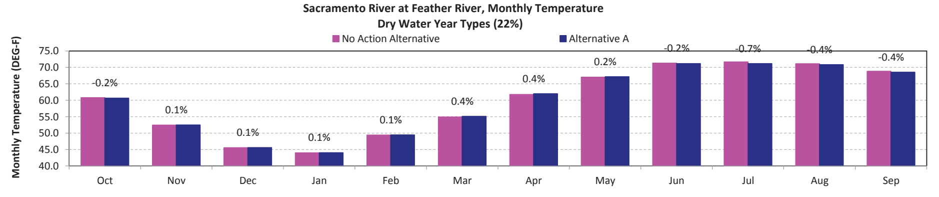
3 Relative difference of the monthly average


Sacramento River at Feather River, Monthly Temperature
Full Simulation Period


Sacramento River at Feather River, Monthly Temperature
Wet Water Year Types (32%)


Sacramento River at Feather River, Monthly Temperature
Above Normal Water Year Types (15%)


Sacramento River at Feather River, Monthly Temperature
Below Normal Water Year Types (17%)


Sacramento River at Feather River, Monthly Temperature
Dry Water Year Types (22%)

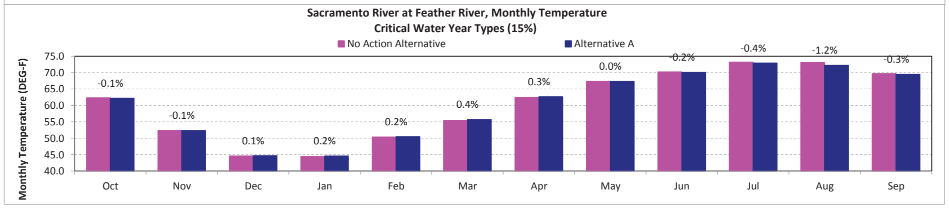

Sacramento River at Feather River, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-13-3b
Sacramento River at Feather River, Monthly Temperature
Probability of Exceedance

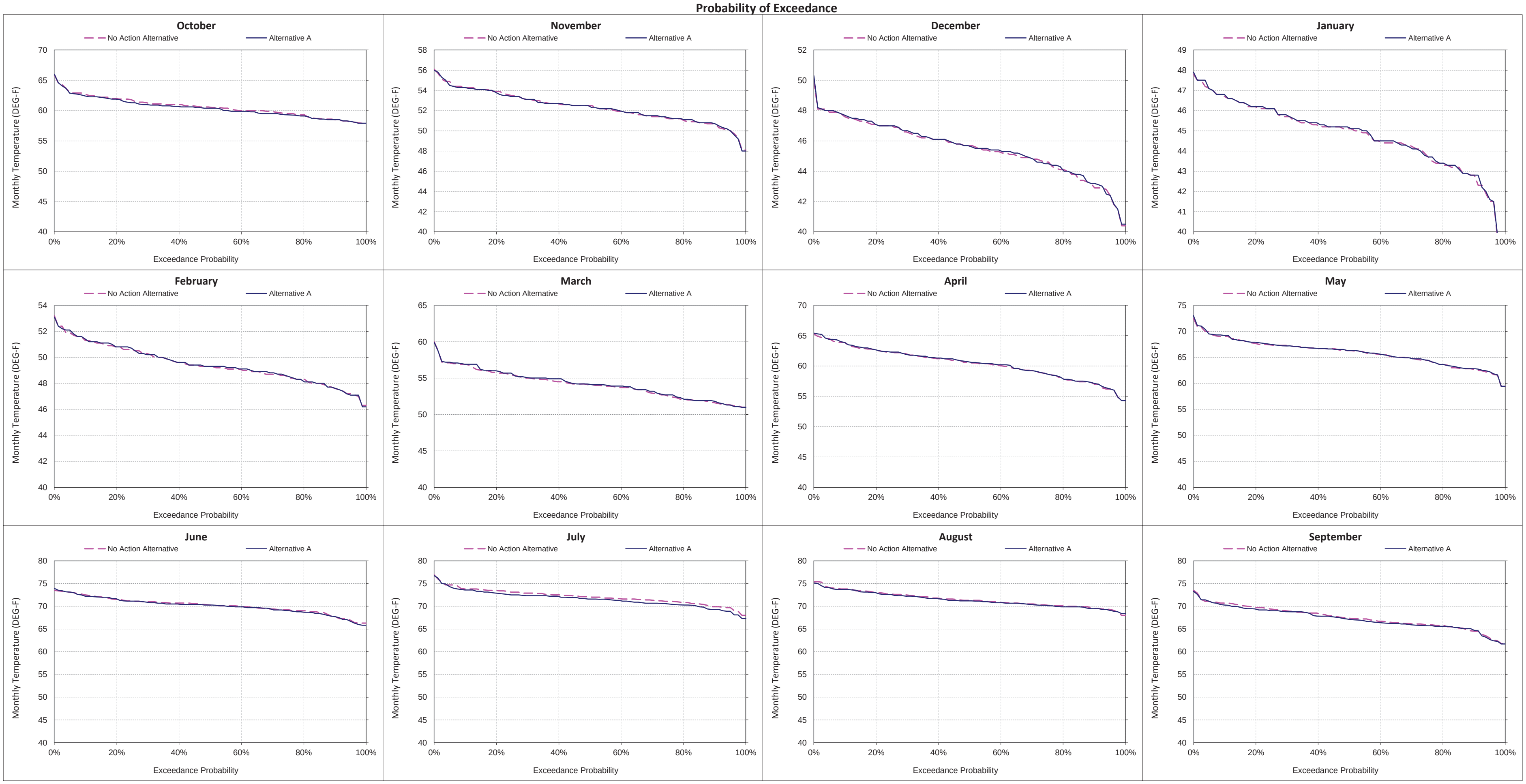


Table SQ-13-3b

Sacramento River at Feather River, Monthly Temperature
Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.9	66.0	0.1	0.2%
1.2%	64.6	64.6	0.0	0.0%
2.5%	64.3	64.1	-0.2	-0.3%
3.7%	63.7	63.7	0.0	0.0%
4.9%	63.0	62.9	-0.1	-0.2%
6.2%	62.9	62.8	-0.1	-0.2%
7.4%	62.9	62.7	-0.2	-0.3%
8.6%	62.9	62.6	-0.3	-0.5%
9.9%	62.7	62.4	-0.3	-0.5%
11.1%	62.5	62.3	-0.2	-0.3%
12.3%	62.5	62.3	-0.2	-0.3%
13.6%	62.3	62.3	0.0	0.0%
14.8%	62.2	62.2	0.0	0.0%
16.0%	62.2	62.1	-0.1	-0.2%
17.3%	62.2	62.0	-0.2	-0.3%
18.5%	62.0	61.9	-0.1	-0.2%
19.8%	62.0	61.9	-0.1	-0.2%
21.0%	61.9	61.8	-0.1	-0.2%
22.2%	61.9	61.5	-0.4	-0.6%
23.5%	61.9	61.4	-0.5	-0.8%
24.7%	61.8	61.3	-0.5	-0.8%
25.9%	61.5	61.3	-0.2	-0.3%
27.2%	61.4	61.1	-0.3	-0.5%
28.4%	61.4	61.0	-0.4	-0.7%
29.6%	61.3	61.0	-0.3	-0.5%
30.9%	61.1	60.9	-0.2	-0.3%
32.1%	61.1	60.9	-0.2	-0.3%
33.3%	61.1	60.9	-0.2	-0.3%
34.6%	61.1	60.8	-0.3	-0.5%
35.8%	61.0	60.8	-0.2	-0.3%
37.0%	61.0	60.8	-0.2	-0.3%
38.3%	61.0	60.7	-0.3	-0.5%
39.5%	61.0	60.7	-0.3	-0.5%
40.7%	61.0	60.6	-0.4	-0.7%
42.0%	60.8	60.6	-0.2	-0.3%
43.2%	60.8	60.6	-0.2	-0.3%
44.4%	60.8	60.6	-0.2	-0.3%
45.7%	60.7	60.5	-0.2	-0.3%
46.9%	60.6	60.5	-0.1	-0.2%
48.1%	60.6	60.4	-0.2	-0.3%
49.4%	60.6	60.4	-0.2	-0.3%
50.6%	60.5	60.4	-0.1	-0.2%
51.9%	60.5	60.4	-0.1	-0.2%
53.1%	60.5	60.3	-0.2	-0.3%
54.3%	60.4	60.0	-0.4	-0.7%
55.6%	60.4	60.0	-0.4	-0.7%
56.8%	60.2	59.9	-0.3	-0.5%
58.0%	60.1	59.9	-0.2	-0.3%
59.3%	60.0	59.9	-0.1	-0.2%
60.5%	60.0	59.9	-0.1	-0.2%
61.7%	60.0	59.9	-0.1	-0.2%
63.0%	60.0	59.8	-0.2	-0.3%
64.2%	60.0	59.8	-0.2	-0.3%
65.4%	60.0	59.6	-0.4	-0.7%
66.7%	60.0	59.5	-0.5	-0.8%
67.9%	59.9	59.5	-0.4	-0.7%
69.1%	59.9	59.5	-0.4	-0.7%
70.4%	59.8	59.5	-0.3	-0.5%
71.6%	59.7	59.5	-0.2	-0.3%
72.8%	59.6	59.4	-0.2	-0.3%
74.1%	59.5	59.3	-0.2	-0.3%
75.3%	59.5	59.3	-0.2	-0.3%
76.5%	59.5	59.3	-0.2	-0.3%
77.8%	59.3	59.2	-0.1	-0.2%
79.0%	59.3	59.1	-0.2	-0.3%
80.2%	59.3	59.1	-0.2	-0.3%
81.5%	58.9	59.0	0.1	0.2%
82.7%	58.8	58.7	-0.1	-0.2%
84.0%	58.7	58.7	0.0	0.0%
85.2%	58.7	58.6	-0.1	-0.2%
86.4%	58.6	58.6	0.0	0.0%
87.7%	58.6	58.5	-0.1	-0.2%
88.9%	58.6	58.5	-0.1	-0.2%
90.1%	58.5	58.5	0.0	0.0%
91.4%	58.4	58.5	0.1	0.2%
92.6%	58.3	58.3	0.0	0.0%
93.8%	58.3	58.3	0.0	0.0%
95.1%	58.1	58.2	0.1	0.2%
96.3%	58.1	58.1	0.0	0.0%
97.5%	58.0	57.9	-0.1	-0.2%
98.8%	57.9	57.9	0.0	0.0%
100.0%	57.9	57.9	0.0	0.0%

November				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.1	56.0	-0.1	-0.2%
1.2%	55.7	55.8	0.1	0.2%
2.5%	55.1	55.3	0.2	0.4%
3.7%	54.9	55.0	0.1	0.2%
4.9%	54.9	54.5	-0.4	-0.7%
6.2%	54.4	54.4	0.0	0.0%
7.4%	54.4	54.3	-0.1	-0.2%
8.6%	54.4	54.3	-0.1	-0.2%
9.9%	54.3	54.3	0.0	0.0%
11.1%	54.3	54.2	-0.1	-0.2%
12.3%	54.3	54.2	-0.1	-0.2%
13.6%	54.1	54.1	0.0	0.0%
14.8%	54.1	54.1	0.0	0.0%
16.0%	54.1	54.1	0.0	0.0%
17.3%	54.1	54.0	-0.1	-0.2%
18.5%	53.9	54.0	0.1	0.2%
19.8%	53.9	53.8	-0.1	-0.2%
21.0%	53.9	53.6	-0.3	-0.6%
22.2%	53.7	53.5	-0.2	-0.4%
23.5%	53.6	53.5	-0.1	-0.2%
24.7%	53.5	53.4	-0.1	-0.2%
25.9%	53.5	53.4	-0.1	-0.2%
27.2%	53.4	53.4	0.0	0.0%
28.4%	53.2	53.2	0.0	0.0%
29.6%	53.1	53.1	0.0	0.0%
30.9%	53.1	53.1	0.0	0.0%
32.1%	53.0	53.1	0.1	0.2%
33.3%	53.0	52.8	-0.2	-0.4%
34.6%	52.9	52.8	-0.1	-0.2%
35.8%	52.8	52.7	-0.1	-0.2%
37.0%	52.7	52.7	0.0	0.0%
38.3%	52.7	52.7	0.0	0.0%
39.5%	52.7	52.7	0.0	0.0%
40.7%	52.6	52.7	0.1	0.2%
42.0%	52.6	52.6	0.0	0.0%
43.2%	52.6	52.6	0.0	0.0%
44.4%	52.5	52.5	0.0	0.0%
45.7%	52.5	52.5	0.0	0.0%
46.9%	52.5	52.5	0.0	0.0%
48.1%	52.5	52.5	0.0	0.0%
49.4%	52.5	52.5	0.0	0.0%
50.6%	52.5	52.3	-0.2	-0.4%
51.9%	52.3	52.3	0.0	0.0%
53.1%	52.2	52.2	0.0	0.0%
54.3%	52.2	52.2	0.0	0.0%
55.6%	52.1	52.2	0.1	0.2%
56.8%	52.1	52.2	0.1	0.2%
58.0%	52.0	52.1	0.1	0.2%
59.3%	51.9	52.0	0.1	0.2%
60.5%	51.9	51.9	0.0	0.0%
61.7%	51.8	51.8	0.0	0.0%
63.0%	51.8	51.8	0.0	0.0%
64.2%	51.7	51.8	0.1	0.2%
65.4%	51.6	51.8	0.2	0.4%
66.7%	51.6	51.6	0.0	0.0%
67.9%	51.5	51.5	0.0	0.0%
69.1%	51.4	51.5	0.1	0.2%
70.4%	51.4	51.5	0.1	0.2%
71.6%	51.4	51.5	0.1	0.2%
72.8%	51.4	51.4	0.0	0.0%
74.1%	51.3	51.4	0.1	0.2%
75.3%	51.2	51.3	0.1	0.2%
76.5%	51.2	51.2	0.0	0.0%
77.8%	51.2	51.2	0.0	0.0%
79.0%	51.2	51.2	0.0	0.0%
80.2%	51.0	51.1	0.1	0.2%
81.5%	50.9	51.1	0.2	0.4%
82.7%	50.9	51.1	0.2	0.4%
84.0%	50.9	50.9	0.0	0.0%
85.2%	50.8	50.8	0.0	0.0%
86.4%	50.8	50.8	0.0	0.0%
87.7%	50.7	50.8	0.1	0.2%
88.9%	50.7	50.8	0.1	0.2%
90.1%	50.7	50.7	0.0	0.0%
91.4%	50.3	50.5	0.2	0.4%
92.6%	50.2	50.3	0.1	0.2%
93.8%	50.1	50.2	0.1	0.2%
95.1%	50.0	50.0	0.0	0.0%
96.3%	49.7	49.6	-0.1	-0.2%
97.5%	49.3	49.2	-0.1	-0.2%
98.8%	48.1	48.0	-0.1	-0.2%
100.0%	48.1	48.0	-0.1	-0.2%

December				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.0	50.3	0.3	0.6%
1.2%	48.1	48.2	0.1	0.2%
2.5%	48.1	48.1	0.0	0.0%
3.7%	48.1	48.0	-0.1	-0.2%
4.9%	47.9	48.0	0.1	0.2%
6.2%	47.9	48.0	0.1	0.2%
7.4%	47.9	47.9	0.0	0.0%
8.6%	47.8	47.8	0.0	0.0%
9.9%	47.6	47.7	0.1	0.2%
11.1%	47.5	47.6	0.1	0.2%
12.3%	47.5	47.5	0.0	0.0%
13.6%	47.4	47.5	0.1	0.2%
14.8%	47.3	47.4	0.1	0.2%
16.0%	47.3	47.4	0.1	0.2%
17.3%	47.2	47.3	0.1	0.2%
18.5%	47.1	47.3	0.2	0.4%
19.8%	47.1	47.1	0.0	0.0%
21.0%	47.0	47.0	0.0	0.0%
22.2%	47.0	47.0	0.0	0.0%
23.5%	47.0	47.0	0.0	0.0%
24.7%	47.0	47.0	0.0	0.0%
25.9%	46.9	47.0	0.1	0.2%
27.2%	46.9	46.9	0.0	0.0%
28.4%	46.6	46.7	0.1	0.2%
29.6%	46.6	46.7	0.1	0.2%
30.9%	46.5	46.6	0.1	0.2%
32.1%	46.4	46.5	0.1	0.2%
33.3%	46.3	46.5	0.2	0.4%
34.6%	46.2	46.3	0.1	0.2%
35.8%	46.2	46.3	0.1	0.2%
37.0%	46.2	46.2	0.0	0.0%
38.3%	46.1	46.1	0.0	0.0%
39.5%	46.1	46.1	0.0	0.0%
40.7%	46.1	46.1	0.0	0.0%
42.0%	46.1	46.1	0.0	0.0%
43.2%	45.9	46.0	0.1	0.2%
44.4%	45.9	45.9	0.0	0.0%
45.7%	45.8	45.8	0.0	0.0%
46.9%	45.8	45.8	0.0	0.0%
48.1%	45.7	45.7	0.0	0.0%
49.4%	45.7	45.7	0.0	0.0%
50.6%	45.7	45.6	-0.1	-0.2%
51.9%	45.6	45.5	-0.1	-0.2%
53.1%	45.5	45.5	0.0	0.0%
54.3%	45.4	45.5	0.1	0.2%
55.6%	45.4	45.5	0.1	0.2%
56.8%	45.3	45.4	0.1	0.2%
58.0%	45.3	45.4	0.1	0.2%
59.3%	45.3	45.4	0.1	0.2%
60.5%	45.2	45.3	0.1	0.2%
61.7%	45.2	45.3	0.1	0.2%
63.0%	45.1	45.3	0.2	0.4%
64.2%	45.1	45.2	0.1	0.2%
65.4%	45.0	45.2	0.2	0.4%
66.7%	44.9	45.1	0.2	0.4%
67.9%	44.9	45.0	0.1	0.2%
69.1%	44.9	44.9	0.0	0.0%
70.4%	44.8	44.8	0.0	0.0%
71.6%	44.8	44.6	-0.2	-0.4%
72.8%	44.7	44.6	-0.1	-0.2%
74.1%	44.6	44.5	-0.1	-0.2%
75.3%	44.6	44.5	-0.1	-0.2%
76.5%	44.3	44.4	0.1	0.2%
77.8%	44.2	44.4	0.2	0.5%
79.0%	44.1	44.3	0.2	0.5%
80.2%	44.1	44.0	-0.1	-0.2%
81.5%	44.0	44.0	0.0	0.0%
82.7%	43.8	43.9	0.1	0.2%
84.0%	43.8	43.8	0.0	0.0%
85.2%	43.4	43.8	0.4	0.9%
86.4%	43.4	43.7	0.3	0.7%
87.7%	43.3	43.3	0.0	0.0%
88.9%	43.2	43.2	0.0	0.0%
90.1%	42.9	43.2	0.3	0.7%
91.4%	42.9	43.1	0.2	0.5%
92.6%	42.9	43.0	0.1	0.2%
93.8%	42.8	42.5	-0.3	-0.7%
95.1%	42.4	42.4	0.0	0.0%
96.3%	41.8	41.8	0.0	0.0%
97.5%	41.5	41.5	0.0	0.0%
98.8%	40.4	40.5	0.1	0.2%
100.0%	40.4	40.5	0.1	0.2%

January				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.8	47.9	0.1	0.2%
1.2%	47.5	47.5	0.0	0.0%
2.5%	47.5	47.5	0.0	0.0%
3.7%	47.2	47.5	0.3	0.6%
4.9%	47.1	47.1	0.0	0.0%
6.2%	47.0	47.0	0.0	0.0%
7.4%	46.8	46.8	0.0	0.0%
8.6%	46.8	46.8	0.0	0.0%
9.9%	46.7	46.8	0.1	0.2%
11.1%	46.6	46.6	0.0	0.0%
12.3%	46.6	46.6	0.0	0.0%
13.6%	46.5	46.5	0.0	0.0%
14.8%	46.4	46.4	0.0	0.0%
16.0%	46.4	46.4	0.0	0.0%
17.3%	46.2	46.3	0.1	0.2%
18.5%	46.2	46.2	0.0	0.0%
19.8%	46.2	46.2	0.0	0.0%
21.0%	46.1	46.2	0.1	0.2%
22.2%	46.1	46.2	0.1	0.2%
23.5%	46.1	46.1	0.0	0.0%
24.7%	46.1	46.1	0.0	0.0%
25.9%	46.1	46.1	0.0	0.0%
27.2%	45.8	45.8	0.0	0.0%
28.4%	45.7	45.8	0.1	0.2%
29.6%	45.7	45.8	0.1	0.2%
30.9%	45.7	45.7	0.0	0.0%
32.1%	45.5	45.6	0.1	0.2%
33.3%	45.5	45.5	0.0	0.0%
34.6%	45.4	45.5	0.1	0.2%
35.8%	45.4	45.5	0.1	0.2%
37.0%	45.4	45.4	0.0	0.0%
38.3%	45.3	45.4	0.1	0.2%
39.5%	45.3	45.4	0.1	0.2%
40.7%	45.2	45.3	0.1	0.2%
42.0%	45.2	45.3	0.1	0.2%
43.2%	45.2	45.2	0.0	0.0%
44.4%	45.2	45.2	0.0	0.0%
45.7%	45.2	45.2	0.0	0.0%
46.9%	45.2	45.2	0.0	0.0%
48.1%	45.1	45.2	0.1	0.2%
49.4%	45.1	45.2	0.1	0.2%
50.6%	45.1	45.1	0.0	0.0%
51.9%	45.0	45.1	0.1	0.2%
53.1%	45.0	45.1	0.1	0.2%
54.3%	44.9	45.0	0.1	0.2%
55.6%	44.9	45.0	0.1	0.2%
56.8%	44.7	44.8	0.1	0.2%
58.0%	44.5	44.5	0.0	0.0%
59.3%	44.5	44.5	0.0	0.0%
60.5%	44.4	44.5	0.1	0.2%
61.7%	44.4	44.5	0.1	0.2%
63.0%	44.4	44.5	0.1	0.2%
64.2%	44.4	44.5	0.1	0.2%
65.4%	44.4	44.4	0.0	0.0%
66.7%	44.4	44.3	-0.1	-0.2%
67.9%	44.3	44.3	0.0	0.0%
69.1%	44.3	44.2	-0.1	-0.2%
70.4%	44.2	44.1	-0.1	-0.2%
71.6%	44.1	44.1	0.0	0.0%
72.8%	44.1	44.0	-0.1	-0.2%
74.1%	43.9	43.8	-0.1	-0.2%
75.3%	43.7	43.7	0.0	0.0%
76.5%	43.5	43.7	0.2	0.5%
77.8%	43.4	43.5	0.1	0.2%
79.0%	43.4	43.4	0.0	0.0%
80.2%	43.3	43.4	0.1	0.2%
81.5%	43.3	43.3	0.0	0.0%
82.7%	43.2	43.3	0.1	0.2%
84.0%	43.2	43.3	0.1	0.2%
85.2%	43.2	43.1	-0.1	-0.2%
86.4%	42.9	42.9	0.0	0.0%
87.7%	42.9	42.9	0.0	0.0%
88.9%	42.8	42.8	0.0	0.0%
90.1%	42.8	42.8	0.0	0.0%
91.4%	42.3	42.8	0.5	1.2%
92.6%	42.3	42.2	-0.1	-0.2%
93.8%	41.9	42.0	0.1	0.2%
95.1%	41.5	41.6	0.1	0.2%
96.3%	41.5	41.5	0.0	0.0%
97.5%	39.7	39.8	0.1	0.3%
98.8%	39.0	39.0	0.0	0.0%
100.0%	39.0	39.0	0.0	0.0%

Table SQ-13-3b

Sacramento River at Feather River, Monthly Temperature

Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.2	53.1	-0.1	-0.2%
1.2%	52.4	52.4	0.0	0.0%
2.5%	52.4	52.2	-0.2	-0.4%
3.7%	51.9	52.1	0.2	0.4%
4.9%	51.9	52.1	0.2	0.4%
6.2%	51.7	51.8	0.1	0.2%
7.4%	51.6	51.6	0.0	0.0%
8.6%	51.6	51.6	0.0	0.0%
9.9%	51.3	51.4	0.1	0.2%
11.1%	51.3	51.2	-0.1	-0.2%
12.3%	51.2	51.2	0.0	0.0%
13.6%	51.1	51.2	0.1	0.2%
14.8%	51.1	51.1	0.0	0.0%
16.0%	51.0	51.1	0.1	0.2%
17.3%	50.9	51.1	0.2	0.4%
18.5%	50.9	51.0	0.1	0.2%
19.8%	50.8	50.8	0.0	0.0%
21.0%	50.8	50.8	0.0	0.0%
22.2%	50.6	50.8	0.2	0.4%
23.5%	50.6	50.8	0.2	0.4%
24.7%	50.6	50.7	0.1	0.2%
25.9%	50.5	50.5	0.0	0.0%
27.2%	50.5	50.3	-0.2	-0.4%
28.4%	50.3	50.3	0.0	0.0%
29.6%	50.3	50.2	-0.1	-0.2%
30.9%	50.2	50.2	0.0	0.0%
32.1%	50.0	50.2	0.2	0.4%
33.3%	50.0	50.0	0.0	0.0%
34.6%	50.0	50.0	0.0	0.0%
35.8%	49.9	49.9	0.0	0.0%
37.0%	49.8	49.8	0.0	0.0%
38.3%	49.7	49.7	0.0	0.0%
39.5%	49.6	49.6	0.0	0.0%
40.7%	49.6	49.6	0.0	0.0%
42.0%	49.5	49.6	0.1	0.2%
43.2%	49.4	49.4	0.0	0.0%
44.4%	49.4	49.4	0.0	0.0%
45.7%	49.4	49.4	0.0	0.0%
46.9%	49.3	49.4	0.1	0.2%
48.1%	49.3	49.3	0.0	0.0%
49.4%	49.3	49.3	0.0	0.0%
50.6%	49.3	49.3	0.0	0.0%
51.9%	49.2	49.3	0.1	0.2%
53.1%	49.2	49.3	0.1	0.2%
54.3%	49.2	49.3	0.1	0.2%
55.6%	49.1	49.2	0.1	0.2%
56.8%	49.1	49.2	0.1	0.2%
58.0%	49.1	49.2	0.1	0.2%
59.3%	49.1	49.1	0.0	0.0%
60.5%	49.0	49.1	0.1	0.2%
61.7%	49.0	49.1	0.1	0.2%
63.0%	48.9	49.0	0.1	0.2%
64.2%	48.9	48.9	0.0	0.0%
65.4%	48.9	48.9	0.0	0.0%
66.7%	48.8	48.9	0.1	0.2%
67.9%	48.7	48.9	0.2	0.4%
69.1%	48.7	48.8	0.1	0.2%
70.4%	48.7	48.8	0.1	0.2%
71.6%	48.7	48.7	0.0	0.0%
72.8%	48.6	48.7	0.1	0.2%
74.1%	48.6	48.6	0.0	0.0%
75.3%	48.4	48.5	0.1	0.2%
76.5%	48.4	48.4	0.0	0.0%
77.8%	48.3	48.3	0.0	0.0%
79.0%	48.3	48.3	0.0	0.0%
80.2%	48.3	48.1	-0.2	-0.4%
81.5%	48.1	48.1	0.0	0.0%
82.7%	48.0	48.1	0.1	0.2%
84.0%	48.0	48.0	0.0	0.0%
85.2%	48.0	48.0	0.0	0.0%
86.4%	47.9	48.0	0.1	0.2%
87.7%	47.8	47.7	-0.1	-0.2%
88.9%	47.7	47.7	0.0	0.0%
90.1%	47.6	47.6	0.0	0.0%
91.4%	47.5	47.5	0.0	0.0%
92.6%	47.4	47.4	0.0	0.0%
93.8%	47.2	47.2	0.0	0.0%
95.1%	47.2	47.1	-0.1	-0.2%
96.3%	47.1	47.1	0.0	0.0%
97.5%	47.0	47.1	0.1	0.2%
98.8%	46.3	46.2	-0.1	-0.2%
100.0%	46.3	46.2	-0.1	-0.2%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.0	59.9	-0.1	-0.2%
1.2%	58.8	58.8	0.0	0.0%
2.5%	57.2	57.3	0.1	0.2%
3.7%	57.1	57.2	0.1	0.2%
4.9%	57.1	57.2	0.1	0.2%
6.2%	57.0	57.1	0.1	0.2%
7.4%	57.0	57.1	0.1	0.2%
8.6%	56.9	57.0	0.1	0.2%
9.9%	56.9	56.9	0.0	0.0%
11.1%	56.8	56.9	0.1	0.2%
12.3%	56.5	56.9	0.4	0.7%
13.6%	56.2	56.9	0.7	1.2%
14.8%	56.1	56.2	0.1	0.2%
16.0%	56.0	56.1	0.1	0.2%
17.3%	56.0	56.1	0.1	0.2%
18.5%	55.8	56.0	0.2	0.4%
19.8%	55.8	56.0	0.2	0.4%
21.0%	55.7	55.9	0.2	0.4%
22.2%	55.7	55.7	0.0	0.0%
23.5%	55.6	55.7	0.1	0.2%
24.7%	55.4	55.7	0.3	0.5%
25.9%	55.4	55.3	-0.1	-0.2%
27.2%	55.2	55.2	0.0	0.0%
28.4%	55.1	55.2	0.1	0.2%
29.6%	55.0	55.1	0.1	0.2%
30.9%	55.0	55.0	0.0	0.0%
32.1%	54.9	55.0	0.1	0.2%
33.3%	54.9	55.0	0.1	0.2%
34.6%	54.8	55.0	0.2	0.4%
35.8%	54.8	55.0	0.2	0.4%
37.0%	54.7	54.9	0.2	0.4%
38.3%	54.6	54.9	0.3	0.5%
39.5%	54.5	54.9	0.4	0.7%
40.7%	54.5	54.9	0.4	0.7%
42.0%	54.4	54.6	0.2	0.4%
43.2%	54.3	54.4	0.1	0.2%
44.4%	54.2	54.3	0.1	0.2%
45.7%	54.2	54.2	0.0	0.0%
46.9%	54.2	54.2	0.0	0.0%
48.1%	54.2	54.2	0.0	0.0%
49.4%	54.1	54.2	0.1	0.2%
50.6%	54.1	54.1	0.0	0.0%
51.9%	54.0	54.1	0.1	0.2%
53.1%	54.0	54.1	0.1	0.2%
54.3%	53.9	54.1	0.2	0.4%
55.6%	53.9	54.0	0.1	0.2%
56.8%	53.9	53.9	0.0	0.0%
58.0%	53.8	53.9	0.1	0.2%
59.3%	53.7	53.9	0.2	0.4%
60.5%	53.7	53.9	0.2	0.4%
61.7%	53.7	53.8	0.1	0.2%
63.0%	53.7	53.8	0.1	0.2%
64.2%	53.5	53.5	0.0	0.0%
65.4%	53.4	53.4	0.0	0.0%
66.7%	53.4	53.4	0.0	0.0%
67.9%	53.2	53.4	0.2	0.4%
69.1%	53.0	53.2	0.2	0.4%
70.4%	52.9	53.2	0.3	0.6%
71.6%	52.9	52.9	0.0	0.0%
72.8%	52.7	52.8	0.1	0.2%
74.1%	52.7	52.7	0.0	0.0%
75.3%	52.5	52.7	0.2	0.4%
76.5%	52.4	52.7	0.3	0.6%
77.8%	52.3	52.4	0.1	0.2%
79.0%	52.1	52.3	0.2	0.4%
80.2%	52.1	52.1	0.0	0.0%
81.5%	52.0	52.1	0.1	0.2%
82.7%	52.0	52.0	0.0	0.0%
84.0%	51.9	51.9	0.0	0.0%
85.2%	51.9	51.9	0.0	0.0%
86.4%	51.9	51.9	0.0	0.0%
87.7%	51.8	51.9	0.1	0.2%
88.9%	51.7	51.9	0.2	0.4%
90.1%	51.6	51.8	0.2	0.4%
91.4%	51.5	51.6	0.1	0.2%
92.6%	51.4	51.5	0.1	0.2%
93.8%	51.4	51.3	-0.1	-0.2%
95.1%	51.3	51.3	0.0	0.0%
96.3%	51.2	51.1	-0.1	-0.2%
97.5%	51.2	51.1	-0.1	-0.2%
98.8%	51.0	51.0	0.0	0.0%
100.0%	51.0	51.0	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.3	65.4	0.1	0.2%
1.2%	64.9	65.3	0.4	0.6%
2.5%	64.7	65.2	0.5	0.8%
3.7%	64.6	64.6	0.0	0.0%
4.9%	64.5	64.4	-0.1	-0.2%
6.2%	64.1	64.4	0.3	0.5%
7.4%	63.9	64.3	0.4	0.6%
8.6%	63.9	64.0	0.1	0.2%
9.9%	63.9	63.9	0.0	0.0%
11.1%	63.4	63.5	0.1	0.2%
12.3%	63.2	63.4	0.2	0.3%
13.6%	63.1	63.2	0.1	0.2%
14.8%	62.9	63.1	0.2	0.3%
16.0%	62.9	63.0	0.1	0.2%
17.3%	62.8	63.0	0.2	0.3%
18.5%	62.8	62.8	0.0	0.0%
19.8%	62.6	62.7	0.1	0.2%
21.0%	62.5	62.5	0.0	0.0%
22.2%	62.4	62.4	0.0	0.0%
23.5%	62.3	62.4	0.1	0.2%
24.7%	62.3	62.3	0.0	0.0%
25.9%	62.2	62.3	0.1	0.2%
27.2%	62.2	62.3	0.1	0.2%
28.4%	62.2	62.1	-0.1	-0.2%
29.6%	62.0	61.9	-0.1	-0.2%
30.9%	61.8	61.8	0.0	0.0%
32.1%	61.8	61.8	0.0	0.0%
33.3%	61.6	61.7	0.1	0.2%
34.6%	61.6	61.6	0.0	0.0%
35.8%	61.4	61.6	0.2	0.3%
37.0%	61.4	61.4	0.0	0.0%
38.3%	61.3	61.4	0.1	0.2%
39.5%	61.2	61.3	0.1	0.2%
40.7%	61.2	61.3	0.1	0.2%
42.0%	61.2	61.2	0.0	0.0%
43.2%	61.1	61.2	0.1	0.2%
44.4%	60.9	61.2	0.3	0.5%
45.7%	60.9	61.0	0.1	0.2%
46.9%	60.9	60.9	0.0	0.0%
48.1%	60.6	60.8	0.2	0.3%
49.4%	60.6	60.7	0.1	0.2%
50.6%	60.5	60.6	0.1	0.2%
51.9%	60.5	60.6	0.1	0.2%
53.1%	60.4	60.5	0.1	0.2%
54.3%	60.4	60.4	0.0	0.0%
55.6%	60.4	60.4	0.0	0.0%
56.8%	60.3	60.4	0.1	0.2%
58.0%	60.1	60.3	0.2	0.3%
59.3%	60.1	60.2	0.1	0.2%
60.5%	60.0	60.2	0.2	0.3%
61.7%	59.9	60.2	0.3	0.5%
63.0%	59.8	60.1	0.3	0.5%
64.2%	59.6	59.6	0.0	0.0%
65.4%	59.6	59.6	0.0	0.0%
66.7%	59.4	59.4	0.0	0.0%
67.9%	59.3	59.3	0.0	0.0%
69.1%	59.3	59.2	-0.1	-0.2%
70.4%	59.2	59.2	0.0	0.0%
71.6%	59.0	59.1	0.1	0.2%
72.8%	58.9	58.9	0.0	0.0%
74.1%	58.8	58.8	0.0	0.0%
75.3%	58.6	58.6	0.0	0.0%
76.5%	58.5	58.5	0.0	0.0%
77.8%	58.4	58.4	0.0	0.0%
79.0%	58.0	58.2	0.2	0.3%
80.2%	57.8	57.8	0.0	0.0%
81.5%	57.7	57.8	0.1	0.2%
82.7%	57.7	57.7	0.0	0.0%
84.0%	57.5	57.5	0.0	0.0%
85.2%	57.4	57.5	0.1	0.2%
86.4%	57.4	57.5	0.1	0.2%
87.7%	57.4	57.4	0.0	0.0%
88.9%	57.3	57.3	0.0	0.0%
90.1%	57.0	57.1	0.1	0.2%
91.4%	57.0	57.0	0.0	0.0%
92.6%	56.4	56.6	0.2	0.4%
93.8%	56.2	56.4	0.2	0.4%
95.1%	56.2	56.2	0.0	0.0%
96.3%	56.0	56.0	0.0	0.0%
97.5%	54.9	54.9	0.0	0.0%
98.8%	54.3	54.3	0.0	0.0%
100.0%	54.3	54.3	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	72.5	73.0	0.5	0.7%
1.2%	70.9	71.1	0.2	0.3%
2.5%	70.8	71.0	0.2	0.3%
3.7%	70.0	70.4	0.4	0.6%
4.9%	70.0	69.5	-0.5	-0.7%
6.2%	69.3	69.4	0.1	0.1%
7.4%	69.1	69.3	0.2	0.3%
8.6%	69.0	69.3	0.3	0.4%
9.9%	69.0	69.2	0.2	0.3%
11.1%	69.0	69.2	0.2	0.3%
12.3%	68.6	68.5	-0.1	-0.1%
13.6%	68.6	68.4	-0.2	-0.3%
14.8%	68.3	68.2	-0.1	-0.1%
16.0%	68.2	68.2	0.0	0.0%
17.3%	68.0	68.0	0.0	0.0%
18.5%	67.8	67.9	0.1	0.1%
19.8%	67.7	67.9	0.2	0.3%
21.0%	67.5	67.8	0.3	0.4%
22.2%	67.5	67.7	0.2	0.3%
23.5%	67.5	67.6	0.1	0.1%
24.7%	67.4	67.5	0.1	0.1%
25.9%	67.3	67.4	0.1	0.1%
27.2%	67.3	67.3	0.0	0.0%
28.4%	67.3	67.2	-0.1	-0.1%
29.6%	67.3	67.2	-0.1	-0.1%
30.9%	67.2	67.2	0.0	0.0%
32.1%	67.1	67.1	0.0	0.0%
33.3%	67.1	67.1	0.0	0.0%
34.6%	67.0	66.9	-0.1	-0.1%
35.8%	66.9	66.9	0.0	0.0%
37.0%	66.8	66.8	0.0	0.0%
38.3%	66.8	66.8	0.0	0.0%
39.5%	66.7	66.7	0.0	0.0%
40.7%	66.7	66.7	0.0	0.0%
42.0%	66.7	66.7	0.0	0.0%
43.2%	66.7	66.6	-0.1	-0.1%
44.4%	66.7	66.6	-0.1	-0.1%
45.7%	66.6	66.5	-0.1	-0.2%
46.9%	66.4	66.5	0.1	0.2%
48.1%	66.4	66.5	0.1	0.2%
49.4%	66.3	66.3	0.0	0.0%
50.6%	66.3	66.3	0.0	0.0%
51.9%	66.2	66.3	0.1	0.2%
53.1%	66.1	66.2	0.1	0.2%
54.3%	66.1	66.0	-0.1	-0.2%
55.6%	65.8	65.9	0.1	0.2%
56.8%	65.7	65.8	0.1	0.2%
58.0%	65.7	65.8	0.1	0.2%
59.3%	65.6	65.7	0.1	0.2%
60.5%	65.5	65.5	0.0	0.0%
61.7%	65.5	65.4	-0.1	-0.2%
63.0%	65.2	65.3	0.1	0.2%
64.2%	65.1	65.1	0.0	0.0%
65.4%	65.0	65.0	0.0	0.0%
66.7%	65.0	65.0	0.0	0.0%
67.9%	65.0	64.9	-0.1	-0.2%
69.1%	64.9	64.9	0.0	0.0%
70.4%	64.8	64.7	-0.1	-0.2%
71.6%	64.6	64.7	0.1	0.2%
72.8%	64.5	64.7	0.2	0.3%
74.1%	64.4	64.5	0.1	0.2%
75.3%	64.4	64.4	0.0	0.0%
76.5%	64.1	64.1	0.0	0.0%
77.8%	63.9	63.9	0.0	0.0%
79.0%	63.6	63.6	0.0	0.0%
80.2%	63.6	63.6	0.0	0.0%
81.5%	63.5	63.4	-0.1	-0.2%
82.7%	63.0	63.3	0.3	0.5%
84.0%	63.0	63.2	0.2	0.3%
85.2%	62.9	63.0	0.1	0.2%
86.4%	62.8	62.9	0.1	0.2%
87.7%	62.8	62.8	0.0	0.0%
88.9%	62.8	62.8	0.0	0.0%
90.1%	62.7	62.8	0.1	0.2%
91.4%	62.5	62.7	0.2	0.3%
92.6%	62.4	62.5	0.1	0.2%
93.8%	62.2	62.4	0.2	0.3%
95.1%	62.1	62.2	0.1	0.2%
96.3%	61.7	61.8	0.1	0.2%
97.5%	61.6	61.6	0.0	0.0%
98.8%	59.4	59.4	0.0	0.0%
100.0%	59.4	59.4	0.0	0.0%

Table SQ-13-3b

Sacramento River at Feather River, Monthly Temperature

Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.5	73.9	0.4	0.5%
1.2%	73.4	73.5	0.1	0.1%
2.5%	73.3	73.4	0.1	0.1%
3.7%	73.2	73.2	0.0	0.0%
4.9%	73.1	73.1	0.0	0.0%
6.2%	73.0	73.0	0.0	0.0%
7.4%	72.8	72.6	-0.2	-0.3%
8.6%	72.7	72.5	-0.2	-0.3%
9.9%	72.5	72.2	-0.3	-0.4%
11.1%	72.4	72.2	-0.2	-0.3%
12.3%	72.3	72.1	-0.2	-0.3%
13.6%	72.1	72.1	0.0	0.0%
14.8%	72.1	72.0	-0.1	-0.1%
16.0%	71.8	72.0	0.2	0.3%
17.3%	71.8	72.0	0.2	0.3%
18.5%	71.6	71.7	0.1	0.1%
19.8%	71.5	71.7	0.2	0.3%
21.0%	71.5	71.3	-0.2	-0.3%
22.2%	71.3	71.2	-0.1	-0.1%
23.5%	71.2	71.1	-0.1	-0.1%
24.7%	71.2	71.1	-0.1	-0.1%
25.9%	71.1	71.1	0.0	0.0%
27.2%	71.1	71.1	0.0	0.0%
28.4%	71.0	71.0	0.0	0.0%
29.6%	71.0	70.9	-0.1	-0.1%
30.9%	71.0	70.8	-0.2	-0.3%
32.1%	71.0	70.8	-0.2	-0.3%
33.3%	70.8	70.7	-0.1	-0.1%
34.6%	70.8	70.7	-0.1	-0.1%
35.8%	70.8	70.5	-0.3	-0.4%
37.0%	70.7	70.5	-0.2	-0.3%
38.3%	70.7	70.5	-0.2	-0.3%
39.5%	70.7	70.5	-0.2	-0.3%
40.7%	70.7	70.4	-0.3	-0.4%
42.0%	70.7	70.4	-0.3	-0.4%
43.2%	70.7	70.4	-0.3	-0.4%
44.4%	70.6	70.4	-0.2	-0.3%
45.7%	70.6	70.4	-0.2	-0.3%
46.9%	70.4	70.4	0.0	0.0%
48.1%	70.4	70.3	-0.1	-0.1%
49.4%	70.3	70.3	0.0	0.0%
50.6%	70.2	70.3	0.1	0.1%
51.9%	70.2	70.2	0.0	0.0%
53.1%	70.1	70.1	0.0	0.0%
54.3%	70.1	70.1	0.0	0.0%
55.6%	70.1	70.0	-0.1	-0.1%
56.8%	70.1	70.0	-0.1	-0.1%
58.0%	70.1	69.9	-0.2	-0.3%
59.3%	70.0	69.9	-0.1	-0.1%
60.5%	69.9	69.9	0.0	0.0%
61.7%	69.9	69.7	-0.2	-0.3%
63.0%	69.8	69.7	-0.1	-0.1%
64.2%	69.8	69.7	-0.1	-0.1%
65.4%	69.6	69.7	0.1	0.1%
66.7%	69.6	69.6	0.0	0.0%
67.9%	69.5	69.6	0.1	0.1%
69.1%	69.4	69.5	0.1	0.1%
70.4%	69.4	69.2	-0.2	-0.3%
71.6%	69.3	69.2	-0.1	-0.1%
72.8%	69.2	69.2	0.0	0.0%
74.1%	69.2	69.1	-0.1	-0.1%
75.3%	69.2	69.0	-0.2	-0.3%
76.5%	69.0	68.9	-0.1	-0.1%
77.8%	69.0	68.8	-0.2	-0.3%
79.0%	69.0	68.8	-0.2	-0.3%
80.2%	69.0	68.7	-0.3	-0.4%
81.5%	68.9	68.7	-0.2	-0.3%
82.7%	68.8	68.6	-0.2	-0.3%
84.0%	68.8	68.4	-0.4	-0.6%
85.2%	68.6	68.4	-0.2	-0.3%
86.4%	68.6	68.2	-0.4	-0.6%
87.7%	68.2	68.0	-0.2	-0.3%
88.9%	67.8	67.8	0.0	0.0%
90.1%	67.7	67.7	0.0	0.0%
91.4%	67.3	67.5	0.2	0.3%
92.6%	67.3	67.1	-0.2	-0.3%
93.8%	67.2	67.1	-0.1	-0.1%
95.1%	66.9	66.7	-0.2	-0.3%
96.3%	66.4	66.3	-0.1	-0.2%
97.5%	66.3	66.0	-0.3	-0.5%
98.8%	66.3	65.8	-0.5	-0.8%
100.0%	66.3	65.8	-0.5	-0.8%

July				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	76.9	76.7	-0.2	-0.3%
1.2%	76.0	76.2	0.2	0.3%
2.5%	75.3	75.0	-0.3	-0.4%
3.7%	74.7	74.9	0.2	0.3%
4.9%	74.7	74.3	-0.4	-0.5%
6.2%	74.7	74.0	-0.7	-0.9%
7.4%	74.5	73.8	-0.7	-0.9%
8.6%	73.9	73.7	-0.2	-0.3%
9.9%	73.8	73.6	-0.2	-0.3%
11.1%	73.8	73.6	-0.2	-0.3%
12.3%	73.8	73.6	-0.2	-0.3%
13.6%	73.8	73.3	-0.5	-0.7%
14.8%	73.7	73.3	-0.4	-0.5%
16.0%	73.6	73.1	-0.5	-0.7%
17.3%	73.5	73.1	-0.4	-0.5%
18.5%	73.5	73.0	-0.5	-0.7%
19.8%	73.5	72.9	-0.6	-0.8%
21.0%	73.4	72.8	-0.6	-0.8%
22.2%	73.4	72.7	-0.7	-1.0%
23.5%	73.3	72.6	-0.7	-1.0%
24.7%	73.1	72.5	-0.6	-0.8%
25.9%	73.1	72.5	-0.6	-0.8%
27.2%	73.1	72.5	-0.6	-0.8%
28.4%	72.9	72.4	-0.5	-0.7%
29.6%	72.9	72.3	-0.6	-0.8%
30.9%	72.9	72.3	-0.6	-0.8%
32.1%	72.9	72.3	-0.6	-0.8%
33.3%	72.8	72.3	-0.5	-0.7%
34.6%	72.8	72.3	-0.5	-0.7%
35.8%	72.6	72.3	-0.3	-0.4%
37.0%	72.6	72.2	-0.4	-0.6%
38.3%	72.5	72.2	-0.3	-0.4%
39.5%	72.5	72.2	-0.3	-0.4%
40.7%	72.5	72.0	-0.5	-0.7%
42.0%	72.4	72.0	-0.4	-0.6%
43.2%	72.4	71.9	-0.5	-0.7%
44.4%	72.3	71.9	-0.4	-0.6%
45.7%	72.3	71.9	-0.4	-0.6%
46.9%	72.1	71.7	-0.4	-0.6%
48.1%	72.1	71.7	-0.4	-0.6%
49.4%	72.1	71.6	-0.5	-0.7%
50.6%	72.0	71.6	-0.4	-0.6%
51.9%	72.0	71.6	-0.4	-0.6%
53.1%	72.0	71.5	-0.5	-0.7%
54.3%	71.8	71.5	-0.3	-0.4%
55.6%	71.8	71.5	-0.3	-0.4%
56.8%	71.8	71.4	-0.4	-0.6%
58.0%	71.7	71.3	-0.4	-0.6%
59.3%	71.7	71.3	-0.4	-0.6%
60.5%	71.6	71.1	-0.5	-0.7%
61.7%	71.6	71.1	-0.5	-0.7%
63.0%	71.6	71.0	-0.6	-0.8%
64.2%	71.6	70.9	-0.7	-1.0%
65.4%	71.5	70.9	-0.6	-0.8%
66.7%	71.5	70.8	-0.7	-1.0%
67.9%	71.4	70.7	-0.7	-1.0%
69.1%	71.4	70.7	-0.7	-1.0%
70.4%	71.3	70.7	-0.6	-0.8%
71.6%	71.2	70.7	-0.5	-0.7%
72.8%	71.2	70.6	-0.6	-0.8%
74.1%	71.1	70.6	-0.5	-0.7%
75.3%	71.1	70.5	-0.6	-0.8%
76.5%	71.1	70.4	-0.7	-1.0%
77.8%	71.0	70.4	-0.6	-0.8%
79.0%	70.9	70.3	-0.6	-0.8%
80.2%	70.8	70.3	-0.5	-0.7%
81.5%	70.8	70.3	-0.5	-0.7%
82.7%	70.6	70.2	-0.4	-0.6%
84.0%	70.6	70.1	-0.5	-0.7%
85.2%	70.5	69.9	-0.6	-0.9%
86.4%	70.4	69.8	-0.6	-0.9%
87.7%	70.2	69.4	-0.8	-1.1%
88.9%	69.9	69.3	-0.6	-0.9%
90.1%	69.9	69.3	-0.6	-0.9%
91.4%	69.9	69.3	-0.6	-0.9%
92.6%	69.8	69.0	-0.8	-1.1%
93.8%	69.7	68.9	-0.8	-1.1%
95.1%	69.7	68.9	-0.8	-1.1%
96.3%	69.0	68.1	-0.9	-1.3%
97.5%	68.9	68.1	-0.8	-1.2%
98.8%	68.0	67.3	-0.7	-1.0%
100.0%	68.0	67.3	-0.7	-1.0%

August				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	75.4	75.1	-0.3	-0.4%
1.2%	75.4	75.0	-0.4	-0.5%
2.5%	75.3	74.5	-0.8	-1.1%
3.7%	74.4	74.1	-0.3	-0.4%
4.9%	74.1	74.1	0.0	0.0%
6.2%	74.0	73.8	-0.2	-0.3%
7.4%	74.0	73.7	-0.3	-0.4%
8.6%	73.8	73.7	-0.1	-0.1%
9.9%	73.8	73.7	-0.1	-0.1%
11.1%	73.8	73.7	-0.1	-0.1%
12.3%	73.7	73.6	-0.1	-0.1%
13.6%	73.4	73.5	0.1	0.1%
14.8%	73.4	73.2	-0.2	-0.3%
16.0%	73.4	73.1	-0.3	-0.4%
17.3%	73.3	73.1	-0.2	-0.3%
18.5%	73.2	73.0	-0.2	-0.3%
19.8%	73.0	73.0	0.0	0.0%
21.0%	73.0	72.7	-0.3	-0.4%
22.2%	72.9	72.6	-0.3	-0.4%
23.5%	72.7	72.6	-0.1	-0.1%
24.7%	72.7	72.6	-0.1	-0.1%
25.9%	72.6	72.4	-0.2	-0.3%
27.2%	72.6	72.3	-0.3	-0.4%
28.4%	72.6	72.3	-0.3	-0.4%
29.6%	72.5	72.2	-0.3	-0.4%
30.9%	72.4	72.2	-0.2	-0.3%
32.1%	72.3	72.2	-0.1	-0.1%
33.3%	72.2	72.1	-0.1	-0.1%
34.6%	72.1	72.0	-0.1	-0.1%
35.8%	72.1	71.8	-0.3	-0.4%
37.0%	72.0	71.7	-0.3	-0.4%
38.3%	71.8	71.7	-0.1	-0.1%
39.5%	71.8	71.7	-0.1	-0.1%
40.7%	71.7	71.6	-0.1	-0.1%
42.0%	71.6	71.5	-0.1	-0.1%
43.2%	71.6	71.3	-0.3	-0.4%
44.4%	71.6	71.3	-0.3	-0.4%
45.7%	71.5	71.3	-0.2	-0.3%
46.9%	71.4	71.2	-0.2	-0.3%
48.1%	71.3	71.2	-0.1	-0.1%
49.4%	71.3	71.2	-0.1	-0.1%
50.6%	71.3	71.2	-0.1	-0.1%
51.9%	71.3	71.1	-0.2	-0.3%
53.1%	71.3	71.1	-0.2	-0.3%
54.3%	71.2	71.0	-0.2	-0.3%
55.6%	71.1	71.0	-0.1	-0.1%
56.8%	71.0	70.9	-0.1	-0.1%
58.0%	71.0	70.8	-0.2	-0.3%
59.3%	70.9	70.8	-0.1	-0.1%
60.5%	70.8	70.8	0.0	0.0%
61.7%	70.8	70.7	-0.1	-0.1%
63.0%	70.7	70.7	0.0	0.0%
64.2%	70.7	70.7	0.0	0.0%
65.4%	70.7	70.7	0.0	0.0%
66.7%	70.6	70.6	0.0	0.0%
67.9%	70.5	70.5	0.0	0.0%
69.1%	70.5	70.4	-0.1	-0.1%
70.4%	70.5	70.4	-0.1	-0.1%
71.6%	70.4	70.3	-0.1	-0.1%
72.8%	70.3	70.2	-0.1	-0.1%
74.1%	70.3	70.2	-0.1	-0.1%
75.3%	70.2	70.1	-0.1	-0.1%
76.5%	70.2	70.1	-0.1	-0.1%
77.8%	70.1	70.0	-0.1	-0.1%
79.0%	70.1	69.9	-0.2	-0.3%
80.2%	70.1	69.9	-0.2	-0.3%
81.5%	70.0	69.9	-0.1	-0.1%
82.7%	70.0	69.9	-0.1	-0.1%
84.0%	70.0	69.9	-0.1	-0.1%
85.2%	69.9	69.9	0.0	0.0%
86.4%	69.9	69.8	-0.1	-0.1%
87.7%	69.9	69.6	-0.3	-0.4%
88.9%	69.7	69.5	-0.2	-0.3%
90.1%	69.5	69.5	0.0	0.0%
91.4%	69.5	69.5	0.0	0.0%
92.6%	69.4	69.3	-0.1	-0.1%
93.8%	69.4	69.3	-0.1	-0.1%
95.1%	69.3	69.1	-0.2	-0.3%
96.3%	69.1	68.9	-0.2	-0.3%
97.5%	68.7	68.8	0.1	0.1%
98.8%	68.0	68.4	0.4	0.6%
100.0%	68.0	68.4	0.4	0.6%

September				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.5	73.3	-0.2	-0.3%
1.2%	72.9	72.6	-0.3	-0.4%
2.5%	71.5	71.4	-0.1	-0.1%
3.7%	71.1	71.4	0.3	0.4%
4.9%	71.1	71.1	0.0	0.0%
6.2%	70.9	70.8	-0.1	-0.1%
7.4%	70.9	70.7	-0.2	-0.3%
8.6%	70.7	70.4	-0.3	-0.4%
9.9%	70.7	70.3	-0.4	-0.6%
11.1%	70.7	70.2	-0.5	-0.7%
12.3%	70.6	70.0	-0.6	-0.8%
13.6%	70.4	70.0	-0.4	-0.6%
14.8%	70.3	69.8	-0.5	-0.7%
16.0%	70.1	69.6	-0.5	-0.7%
17.3%	70.0	69.5	-0.5	-0.7%
18.5%	69.9	69.5	-0.4	-0.6%
19.8%	69.7	69.4	-0.3	-0.4%
21.0%	69.7	69.2	-0.5	-0.7%
22.2%	69.7	69.2	-0.5	-0.7%
23.5%	69.5	69.2	-0.3	-0.4%
24.7%	69.4	69.0	-0.4	-0.6%
25.9%	69.3	69.0	-0.3	-0.4%
27.2%	69.2	69.0	-0.2	-0.3%
28.4%	69.1	68.9	-0.2	-0.3%
29.6%	69.0	68.8	-0.2	-0.3%
30.9%	68.9	68.8	-0.1	-0.1%
32.1%	68.9	68.8	-0.1	-0.1%
33.3%	68.7	68.8	0.1	0.1%
34.6%	68.7	68.8	0.1	0.1%
35.8%	68.6	68.7	0.1	0.1%
37.0%	68.5	68.5	0.0	0.0%
38.3%	68.5	68.0	-0.5	-0.7%
39.5%	68.5	67.9	-0.6	-0.9%
40.7%	68.3	67.8	-0.5	-0.7%
42.0%	68.2	67.8	-0.4	-0.6%
43.2%	67.9	67.8	-0.1	-0.1%
44.4%	67.9	67.7	-0.2	-0.3%
45.7%	67.8	67.6	-0.2	-0.3%
46.9%	67.6	67.5	-0.1	-0.1%
48.1%	67.5	67.3	-0.2	-0.3%
49.4%	67.5	67.2	-0.3	-0.4%
50.6%	67.3	67.1	-0.2	-0.3%
51.9%	67.3	67.0	-0.3	-0.4%
53.1%	67.2	66.9	-0.3	-0.4%
54.3%	67.2	66.9	-0.3	-0.4%
55.6%	67.2	66.7	-0.5	-0.7%
56.8%	67.0	66.6	-0.4	-0.6%
58.0%	66.9	66.5	-0.4	-0.6%
59.3%	66.7	66.4	-0.3	-0.4%
60.5%	66.7	66.4	-0.3	-0.4%
61.7%	66.6	66.3	-0.3	-0.5%
63.0%	66.5	66.2	-0.3	-0.5%
64.2%	66.4	66.2	-0.2	-0.3%
65.4%	66.4	66.2	-0.2	-0.3%
66.7%	66.3	66.1	-0.2	-0.3%
67.9%	66.2	66.1	-0.1	-0.2%
69.1%	66.2	66.0	-0.2	-0.3%
70.4%	66.1	65.9	-0.2	-0.3%
71.6%	66.1	65.8	-0.3	-0.5%
72.8%	66.1	65.8	-0.3	-0.5%
74.1%	66.0	65.7	-0.3	-0.5%
75.3%	66.0	65.7	-0.3	-0.5%
76.5%	65.9	65.7	-0.2	-0.3%
77.8%	65.8	65.6	-0.2	-0.3%
79.0%	65.8	65.6	-0.2	-0.3%
80.2%	65.8	65.6	-0.2	-0.3%
81.5%	65.5	65.6	0.1	0.2%
82.7%	65.5	65.5	0.0	0.0%
84.0%	65.4	65.3	-0.1	-0.2%
85.2%	65.2	65.3	0.1	0.2%
86.4%	65.2	65.1	-0.1	-0.2%
87.7%	64.8	65.1	0.3	0.5%
88.9%	64.6	65.1	0.5	0.8%
90.1%	64.5	64.7	0.2	0.3%
91.4%	64.5	64.6	0.1	0.2%
92.6%	63.8	63.5	-0.3	-0.5%
93.8%	63.5	63.2	-0.3	-0.5%
95.1%	63.0	62.7	-0.3	-0.5%
96.3%	62.6	62.4	-0.2	-0.3%
97.5%	62.4	62.3	-0.1	-0.2%
98.8%	61.8	61.7	-0.1	-0.2%
100.0%	61.8	61.7	-0.1	-0.2%

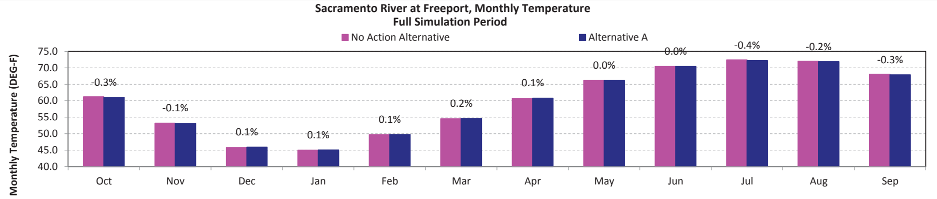
Table SQ-14-3a
Sacramento River at Freeport, Monthly Temperature
Long-term Average and Average by Water Year Type

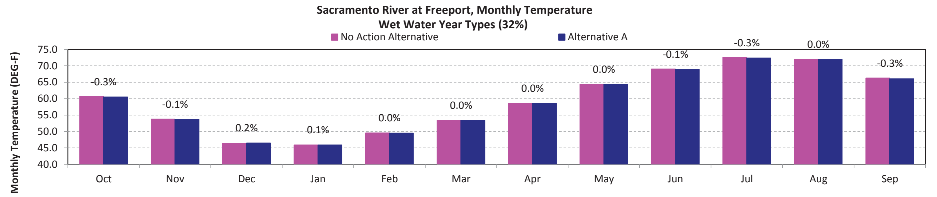
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	61.2	53.2	45.8	45.0	49.7	54.5	60.7	66.2	70.4	72.5	72.0	68.1
Alternative A	61.0	53.1	45.9	45.0	49.7	54.6	60.8	66.2	70.4	72.2	71.9	67.9
Difference	-0.2	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	-0.3	-0.2	-0.2
Percent Difference[3]	-0.3%	-0.1%	0.1%	0.1%	0.1%	0.2%	0.1%	0.0%	0.0%	-0.4%	-0.2%	-0.3%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	60.7	53.8	46.4	45.9	49.5	53.4	58.6	64.4	69.0	72.6	72.0	66.2
Alternative A	60.5	53.7	46.5	45.9	49.5	53.4	58.6	64.4	68.9	72.4	72.0	66.1
Difference	-0.2	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	0.0	-0.2
Percent Difference	-0.3%	-0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.3%	0.0%	-0.3%
Above Normal (15%)												
No Action Alternative	60.5	52.1	45.6	45.1	49.5	54.1	60.6	66.4	70.6	71.5	71.1	67.1
Alternative A	60.3	52.0	45.7	45.2	49.5	54.1	60.6	66.4	70.6	71.1	71.0	67.1
Difference	-0.2	-0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.4	0.0	0.0
Percent Difference	-0.3%	-0.1%	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	-0.6%	0.0%	0.0%
Below Normal (17%)												
No Action Alternative	60.9	53.1	45.9	44.3	49.0	54.6	61.2	66.2	70.7	72.1	72.2	69.4
Alternative A	60.7	53.2	45.9	44.3	49.0	54.8	61.1	66.2	70.7	71.9	72.0	69.1
Difference	-0.2	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	-0.2	-0.1	-0.4
Percent Difference	-0.4%	0.1%	0.1%	0.1%	0.1%	0.3%	0.0%	0.0%	0.1%	-0.2%	-0.2%	-0.5%
Dry (22%)												
No Action Alternative	61.4	53.2	45.8	44.2	49.7	55.3	62.0	67.3	71.7	72.2	71.6	69.1
Alternative A	61.3	53.2	45.9	44.2	49.7	55.5	62.2	67.4	71.7	71.8	71.4	68.9
Difference	-0.1	0.0	0.1	0.0	0.1	0.2	0.2	0.1	0.0	-0.3	-0.2	-0.2
Percent Difference	-0.2%	-0.1%	0.2%	0.0%	0.1%	0.4%	0.3%	0.1%	-0.1%	-0.5%	-0.3%	-0.3%
Critical (15%)												
No Action Alternative	63.0	52.9	44.7	44.8	51.0	56.1	62.9	67.7	70.9	73.9	73.4	70.0
Alternative A	62.9	52.9	44.8	44.8	51.1	56.2	62.9	67.8	70.9	73.6	72.7	69.7
Difference	-0.1	-0.1	0.0	0.1	0.1	0.2	0.0	0.0	0.0	-0.2	-0.7	-0.2
Percent Difference	-0.1%	-0.1%	0.1%	0.2%	0.2%	0.3%	0.1%	0.0%	0.0%	-0.3%	-1.0%	-0.4%

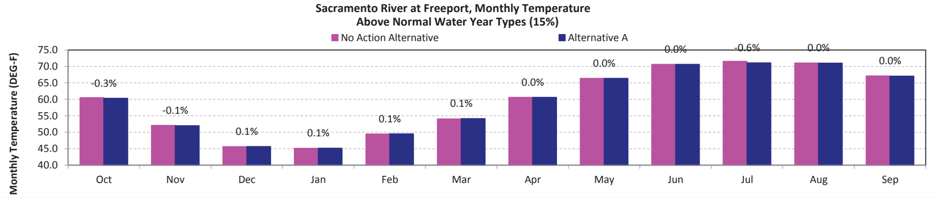
1 Based on the 82-year simulation period

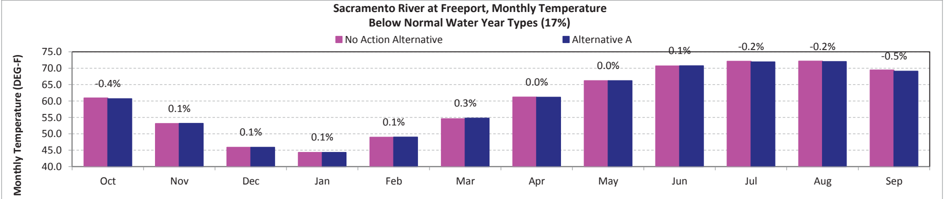
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

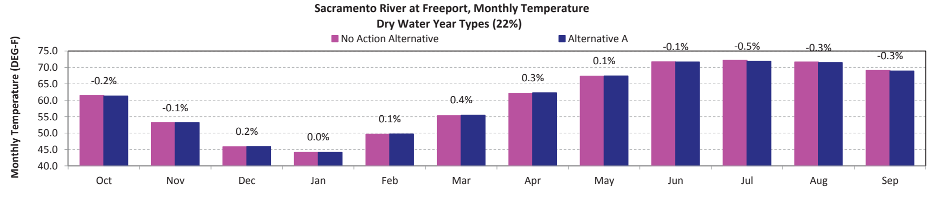
3 Relative difference of the monthly average


Sacramento River at Freeport, Monthly Temperature
Full Simulation Period


Sacramento River at Freeport, Monthly Temperature
Wet Water Year Types (32%)


Sacramento River at Freeport, Monthly Temperature
Above Normal Water Year Types (15%)


Sacramento River at Freeport, Monthly Temperature
Below Normal Water Year Types (17%)


Sacramento River at Freeport, Monthly Temperature
Dry Water Year Types (22%)

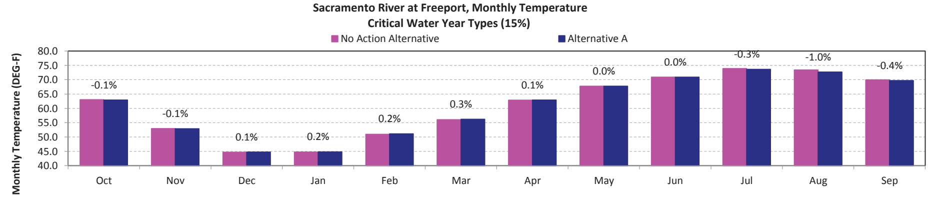

Sacramento River at Freeport, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-14-3b
Sacramento River at Freeport, Monthly Temperature
Probability of Exceedance

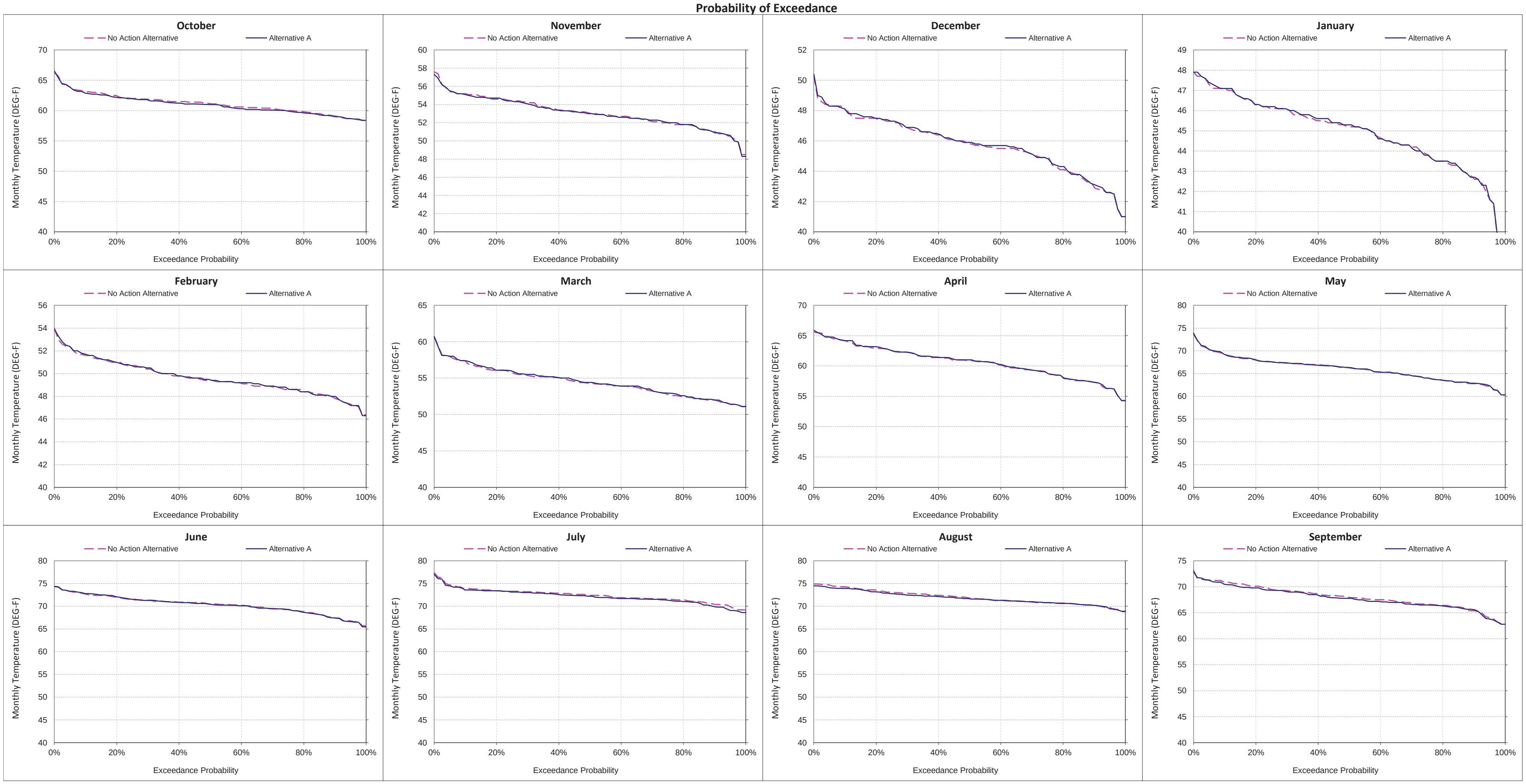


Table SQ-14-3b

Sacramento River at Freeport, Monthly Temperature

Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	66.3	66.5	0.2	0.3%
1.2%	65.7	65.4	-0.3	-0.5%
2.5%	64.5	64.4	-0.1	-0.2%
3.7%	64.3	64.3	0.0	0.0%
4.9%	63.9	63.9	0.0	0.0%
6.2%	63.5	63.4	-0.1	-0.2%
7.4%	63.4	63.2	-0.2	-0.3%
8.6%	63.3	63.2	-0.1	-0.2%
9.9%	63.1	62.9	-0.2	-0.3%
11.1%	63.1	62.8	-0.3	-0.5%
12.3%	63.0	62.7	-0.3	-0.5%
13.6%	63.0	62.7	-0.3	-0.5%
14.8%	62.9	62.6	-0.3	-0.5%
16.0%	62.8	62.6	-0.2	-0.3%
17.3%	62.5	62.5	0.0	0.0%
18.5%	62.5	62.3	-0.2	-0.3%
19.8%	62.5	62.2	-0.3	-0.5%
21.0%	62.2	62.1	-0.1	-0.2%
22.2%	62.1	62.1	0.0	0.0%
23.5%	62.1	62.0	-0.1	-0.2%
24.7%	62.0	62.0	0.0	0.0%
25.9%	62.0	61.9	-0.1	-0.2%
27.2%	61.9	61.8	-0.1	-0.2%
28.4%	61.9	61.8	-0.1	-0.2%
29.6%	61.9	61.8	-0.1	-0.2%
30.9%	61.8	61.6	-0.2	-0.3%
32.1%	61.8	61.6	-0.2	-0.3%
33.3%	61.8	61.6	-0.2	-0.3%
34.6%	61.7	61.5	-0.2	-0.3%
35.8%	61.6	61.4	-0.2	-0.3%
37.0%	61.5	61.3	-0.2	-0.3%
38.3%	61.5	61.3	-0.2	-0.3%
39.5%	61.5	61.2	-0.3	-0.5%
40.7%	61.5	61.2	-0.3	-0.5%
42.0%	61.5	61.1	-0.4	-0.7%
43.2%	61.4	61.1	-0.3	-0.5%
44.4%	61.4	61.1	-0.3	-0.5%
45.7%	61.4	61.1	-0.3	-0.5%
46.9%	61.4	61.1	-0.3	-0.5%
48.1%	61.2	61.0	-0.2	-0.3%
49.4%	61.2	61.0	-0.2	-0.3%
50.6%	61.1	61.0	-0.1	-0.2%
51.9%	61.1	61.0	-0.1	-0.2%
53.1%	60.9	60.9	0.0	0.0%
54.3%	60.9	60.6	-0.3	-0.5%
55.6%	60.8	60.6	-0.2	-0.3%
56.8%	60.7	60.5	-0.2	-0.3%
58.0%	60.6	60.4	-0.2	-0.3%
59.3%	60.6	60.3	-0.3	-0.5%
60.5%	60.6	60.3	-0.3	-0.5%
61.7%	60.5	60.2	-0.3	-0.5%
63.0%	60.5	60.2	-0.3	-0.5%
64.2%	60.5	60.2	-0.3	-0.5%
65.4%	60.5	60.2	-0.3	-0.5%
66.7%	60.4	60.1	-0.3	-0.5%
67.9%	60.4	60.1	-0.3	-0.5%
69.1%	60.4	60.1	-0.3	-0.5%
70.4%	60.3	60.1	-0.2	-0.3%
71.6%	60.2	60.1	-0.1	-0.2%
72.8%	60.1	60.0	-0.1	-0.2%
74.1%	60.1	60.0	-0.1	-0.2%
75.3%	60.0	59.9	-0.1	-0.2%
76.5%	60.0	59.8	-0.2	-0.3%
77.8%	59.9	59.7	-0.2	-0.3%
79.0%	59.9	59.7	-0.2	-0.3%
80.2%	59.8	59.6	-0.2	-0.3%
81.5%	59.7	59.6	-0.1	-0.2%
82.7%	59.7	59.5	-0.2	-0.3%
84.0%	59.5	59.4	-0.1	-0.2%
85.2%	59.5	59.3	-0.2	-0.3%
86.4%	59.3	59.2	-0.1	-0.2%
87.7%	59.3	59.2	-0.1	-0.2%
88.9%	59.2	59.1	-0.1	-0.2%
90.1%	59.1	59.0	-0.1	-0.2%
91.4%	59.0	59.0	0.0	0.0%
92.6%	58.8	58.9	0.1	0.2%
93.8%	58.7	58.7	0.0	0.0%
95.1%	58.7	58.7	0.0	0.0%
96.3%	58.6	58.6	0.0	0.0%
97.5%	58.5	58.6	0.1	0.2%
98.8%	58.4	58.4	0.0	0.0%
100.0%	58.4	58.4	0.0	0.0%

November

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	57.6	57.3	-0.3	-0.5%
1.2%	57.4	56.9	-0.5	-0.9%
2.5%	56.2	56.2	0.0	0.0%
3.7%	55.9	55.9	0.0	0.0%
4.9%	55.4	55.5	0.1	0.2%
6.2%	55.4	55.4	0.0	0.0%
7.4%	55.2	55.2	0.0	0.0%
8.6%	55.2	55.2	0.0	0.0%
9.9%	55.2	55.1	-0.1	-0.2%
11.1%	55.1	55.0	-0.1	-0.2%
12.3%	55.1	54.9	-0.2	-0.4%
13.6%	55.1	54.8	-0.3	-0.5%
14.8%	54.9	54.8	-0.1	-0.2%
16.0%	54.9	54.8	-0.1	-0.2%
17.3%	54.8	54.7	-0.1	-0.2%
18.5%	54.6	54.7	0.1	0.2%
19.8%	54.6	54.7	0.1	0.2%
21.0%	54.6	54.7	0.1	0.2%
22.2%	54.6	54.5	-0.1	-0.2%
23.5%	54.5	54.4	-0.1	-0.2%
24.7%	54.4	54.4	0.0	0.0%
25.9%	54.4	54.3	-0.1	-0.2%
27.2%	54.4	54.3	-0.1	-0.2%
28.4%	54.3	54.2	-0.1	-0.2%
29.6%	54.3	54.1	-0.2	-0.4%
30.9%	54.2	54.0	-0.2	-0.4%
32.1%	54.2	53.9	-0.3	-0.6%
33.3%	53.8	53.7	-0.1	-0.2%
34.6%	53.8	53.7	-0.1	-0.2%
35.8%	53.7	53.6	-0.1	-0.2%
37.0%	53.6	53.6	0.0	0.0%
38.3%	53.6	53.4	-0.2	-0.4%
39.5%	53.4	53.4	0.0	0.0%
40.7%	53.4	53.3	-0.1	-0.2%
42.0%	53.3	53.3	0.0	0.0%
43.2%	53.3	53.3	0.0	0.0%
44.4%	53.3	53.2	-0.1	-0.2%
45.7%	53.2	53.2	0.0	0.0%
46.9%	53.2	53.1	-0.1	-0.2%
48.1%	53.2	53.1	-0.1	-0.2%
49.4%	53.1	53.0	-0.1	-0.2%
50.6%	53.0	53.0	0.0	0.0%
51.9%	53.0	52.9	-0.1	-0.2%
53.1%	52.9	52.9	0.0	0.0%
54.3%	52.9	52.9	0.0	0.0%
55.6%	52.9	52.7	-0.2	-0.4%
56.8%	52.8	52.7	-0.1	-0.2%
58.0%	52.7	52.7	0.0	0.0%
59.3%	52.7	52.6	-0.1	-0.2%
60.5%	52.7	52.6	-0.1	-0.2%
61.7%	52.7	52.6	-0.1	-0.2%
63.0%	52.6	52.5	-0.1	-0.2%
64.2%	52.5	52.5	0.0	0.0%
65.4%	52.5	52.5	0.0	0.0%
66.7%	52.4	52.4	0.0	0.0%
67.9%	52.3	52.4	0.1	0.2%
69.1%	52.2	52.3	0.1	0.2%
70.4%	52.1	52.3	0.2	0.4%
71.6%	52.1	52.3	0.2	0.4%
72.8%	52.0	52.2	0.2	0.4%
74.1%	52.0	52.1	0.1	0.2%
75.3%	52.0	52.0	0.0	0.0%
76.5%	51.8	52.0	0.2	0.4%
77.8%	51.8	52.0	0.2	0.4%
79.0%	51.8	51.8	0.0	0.0%
80.2%	51.8	51.8	0.0	0.0%
81.5%	51.8	51.8	0.0	0.0%
82.7%	51.7	51.8	0.1	0.2%
84.0%	51.6	51.6	0.0	0.0%
85.2%	51.3	51.3	0.0	0.0%
86.4%	51.2	51.3	0.1	0.2%
87.7%	51.2	51.2	0.0	0.0%
88.9%	51.1	51.1	0.0	0.0%
90.1%	51.0	50.9	-0.1	-0.2%
91.4%	50.8	50.9	0.1	0.2%
92.6%	50.8	50.8	0.0	0.0%
93.8%	50.6	50.7	0.1	0.2%
95.1%	50.5	50.6	0.1	0.2%
96.3%	50.2	50.0	-0.2	-0.4%
97.5%	49.9	49.9	0.0	0.0%
98.8%	48.5	48.3	-0.2	-0.4%
100.0%	48.5	48.3	-0.2	-0.4%

December

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	50.3	50.4	0.1	0.2%
1.2%	48.8	49.0	0.2	0.4%
2.5%	48.6	48.9	0.3	0.6%
3.7%	48.4	48.5	0.1	0.2%
4.9%	48.4	48.3	-0.1	-0.2%
6.2%	48.3	48.3	0.0	0.0%
7.4%	48.3	48.3	0.0	0.0%
8.6%	48.3	48.2	-0.1	-0.2%
9.9%	48.1	48.1	0.0	0.0%
11.1%	47.9	47.8	-0.1	-0.2%
12.3%	47.6	47.8	0.2	0.4%
13.6%	47.5	47.8	0.3	0.6%
14.8%	47.5	47.7	0.2	0.4%
16.0%	47.5	47.6	0.1	0.2%
17.3%	47.5	47.6	0.1	0.2%
18.5%	47.5	47.6	0.1	0.2%
19.8%	47.5	47.5	0.0	0.0%
21.0%	47.4	47.5	0.1	0.2%
22.2%	47.4	47.4	0.0	0.0%
23.5%	47.3	47.4	0.1	0.2%
24.7%	47.3	47.3	0.0	0.0%
25.9%	47.2	47.3	0.1	0.2%
27.2%	47.2	47.2	0.0	0.0%
28.4%	46.9	47.1	0.2	0.4%
29.6%	46.9	46.9	0.0	0.0%
30.9%	46.8	46.9	0.1	0.2%
32.1%	46.7	46.9	0.2	0.4%
33.3%	46.7	46.8	0.1	0.2%
34.6%	46.6	46.6	0.0	0.0%
35.8%	46.6	46.6	0.0	0.0%
37.0%	46.5	46.6	0.1	0.2%
38.3%	46.5	46.5	0.0	0.0%
39.5%	46.4	46.5	0.1	0.2%
40.7%	46.4	46.4	0.0	0.0%
42.0%	46.2	46.2	0.0	0.0%
43.2%	46.1	46.2	0.1	0.2%
44.4%	46.1	46.1	0.0	0.0%
45.7%	46.0	46.0	0.0	0.0%
46.9%	46.0	46.0	0.0	0.0%
48.1%	46.0	45.9	-0.1	-0.2%
49.4%	45.8	45.9	0.1	0.2%
50.6%	45.8	45.9	0.1	0.2%
51.9%	45.7	45.8	0.1	0.2%
53.1%	45.7	45.8	0.1	0.2%
54.3%	45.7	45.7	0.0	0.0%
55.6%	45.6	45.7	0.1	0.2%
56.8%	45.6	45.7	0.1	0.2%
58.0%	45.5	45.7	0.2	0.4%
59.3%	45.5	45.7	0.2	0.4%
60.5%	45.5	45.7	0.2	0.4%
61.7%	45.5	45.7	0.2	0.4%
63.0%	45.5	45.6	0.1	0.2%
64.2%	45.5	45.6	0.1	0.2%
65.4%	45.4	45.5	0.1	0.2%
66.7%	45.3	45.5	0.2	0.4%
67.9%	45.3	45.3	0.0	0.0%
69.1%	45.2	45.2	0.0	0.0%
70.4%	45.1	45.1	0.0	0.0%
71.6%	45.0	44.9	-0.1	-0.2%
72.8%	44.9	44.9	0.0	0.0%
74.1%	44.9	44.9	0.0	0.0%
75.3%	44.9	44.8	-0.1	-0.2%
76.5%	44.4	44.5	0.1	0.2%
77.8%	44.3	44.4	0.1	0.2%
79.0%	44.1	44.3	0.2	0.5%
80.2%	44.1	44.3	0.2	0.5%
81.5%	44.0	44.0	0.0	0.0%
82.7%	43.9	43.8	-0.1	-0.2%
84.0%	43.8	43.8	0.0	0.0%
85.2%	43.7	43.8	0.1	0.2%
86.4%	43.5	43.6	0.1	0.2%
87.7%	43.3	43.4	0.1	0.2%
88.9%	43.3	43.2	-0.1	-0.2%
90.1%	42.9	43.1	0.2	0.5%
91.4%	42.8	43.0	0.2	0.5%
92.6%	42.8	42.9	0.1	0.2%
93.8%	42.6	42.6	0.0	0.0%
95.1%	42.6	42.6	0.0	0.0%
96.3%	42.5	42.5	0.0	0.0%
97.5%	41.5	41.5	0.0	0.0%
98.8%	41.0	41.0	0.0	0.0%
100.0%	41.0	41.0	0.0	0.0%

January

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	47.9	47.9	0.0	0.0%
1.2%	47.7	47.9	0.2	0.4%
2.5%	47.7	47.7	0.0	0.0%
3.7%	47.6	47.6	0.0	0.0%
4.9%	47.3	47.4	0.1	0.2%
6.2%	47.1	47.3	0.2	0.4%
7.4%	47.1	47.2	0.1	0.2%
8.6%	47.1	47.1	0.0	0.0%
9.9%	47.1	47.1	0.0	0.0%
11.1%	47.0	47.1	0.1	0.2%
12.3%	47.0	47.1	0.1	0.2%
13.6%	46.8	46.8	0.0	0.0%
14.8%	46.7	46.7	0.0	0.0%
16.0%	46.6	46.6	0.0	0.0%
17.3%	46.5	46.6	0.1	0.2%
18.5%	46.5	46.5	0.0	0.0%
19.8%	46.3	46.3	0.0	0.0%
21.0%	46.3	46.3	0.0	0.0%
22.2%	46.2	46.2	0.0	0.0%
23.5%	46.2	46.2	0.0	0.0%
24.7%	46.1	46.2	0.1	0.2%
25.9%	46.1	46.2	0.1	0.2%
27.2%	46.1	46.1	0.0	0.0%
28.4%	46.1	46.1	0.0	0.0%
29.6%	46.1	46.1	0.0	0.0%
30.9%	46.0	46.0	0.0	0.0%
32.1%	45.8	46.0	0.2	0.4%
33.3%	45.8	45.9	0.1	0.2%
34.6%	45.8	45.8	0.0	0.0%
35.8%	45.7	45.8	0.1	0.2%
37.0%	45.6	45.8	0.2	0.4%
38.3%	45.6	45.7	0.1	0.2%
39.5%	45.5	45.6	0.1	0.2%
40.7%	45.5	45.6	0.1	0.2%
42.0%	45.5	45.6	0.1	0.2%
43.2%	45.4	45.6	0.2	0.4%
44.4%	45.4	45.4	0.0	0.0%
45.7%	45.4	45.4	0.0	0.0%
46.9%	45.3	45.4	0.1	0.2%
48.1%	45.3	45.3	0.0	0.0%
49.4%	45.2	45.3	0.1	0.2%
50.6%	45.2	45.3	0.1	0.2%
51.9%	45.2	45.2	0.0	0.0%
53.1%	45.2	45.2	0.0	0.0%
54.3%	45.1	45.1	0.0	0.0%
55.6%	45.1	45.1	0.0	0.0%
56.8%	45.0	45.0	0.0	0.0%
58.0%	44.8	44.9	0.1	0.2%
59.3%	44.7	44.6	-0.1	-0.2%
60.5%	44.6	44.6	0.0	0.0%
61.7%	44.5	44.5	0.0	0.0%
63.0%	44.5	44.5	0.0	0.0%
64.2%	44.4	44.4	0.0	0.0%
65.4%	44.4	44.4	0.0	0.0%
66.7%	44.3	44.3	0.0	0.0%
67.9%	44.3	44.3	0.0	0.0%
69.1%	44.3	44.3	0.0	0.0%
70.4%	44.2	44.1	-0.1	-0.2%
71.6%	44.2	44.0	-0.2	-0.5%
72.8%	44.0	44.0	0.0	0.0%
74.1%	43.9	43.8	-0.1	-0.2%
75.3%	43.8	43.8	0.0	0.0%
76.5%	43.6	43.6	0.0	0.0%
77.8%	43.5	43.5	0.0	0.0%
79.0%	43.5	43.5	0.0	0.0%
80.2%	43.5	43.5	0.0	0.0%
81.5%	43.4	43.5	0.1	0.2%
82.7%	43.3	43.4	0.1	0.2%
84.0%	43.3	43.4	0.1	0.2%
85.2%	43.2	43.2	0.0	0.0%
86.4%	43.0	43.0	0.0	0.0%
87.7%	42.9	42.9	0.0	0.0%
88.9%	42.8	42.7	-0.1	-0.2%
90.1%	42.6	42.7	0.1	0.2%
91.4%	42.6	42.6	0.0	0.0%
92.6%	42.4	42.3	-0.1	-0.2%
93.8%	42.0	42.3	0.3	0.7%
95.1%	41.6	41.6	0.0	0.0%
96.3%	41.4	41.4	0.0	0.0%
97.5%	39.7	39.7	0.0	0.0%
98.8%	39.2	39.2	0.0	0.0%
100.0%	39.2	39.2	0.0	0.0%

Table SQ-14-3b

Sacramento River at Freeport, Monthly Temperature
Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.0	53.9	-0.1	-0.2%
1.2%	53.0	53.3	0.3	0.6%
2.5%	52.6	52.8	0.2	0.4%
3.7%	52.4	52.5	0.1	0.2%
4.9%	52.4	52.4	0.0	0.0%
6.2%	52.0	52.0	0.0	0.0%
7.4%	51.7	52.0	0.3	0.6%
8.6%	51.7	51.8	0.1	0.2%
9.9%	51.6	51.7	0.1	0.2%
11.1%	51.6	51.6	0.0	0.0%
12.3%	51.4	51.6	0.2	0.4%
13.6%	51.3	51.4	0.1	0.2%
14.8%	51.3	51.3	0.0	0.0%
16.0%	51.2	51.2	0.0	0.0%
17.3%	51.1	51.2	0.1	0.2%
18.5%	51.0	51.1	0.1	0.2%
19.8%	51.0	51.0	0.0	0.0%
21.0%	51.0	50.9	-0.1	-0.2%
22.2%	50.8	50.8	0.0	0.0%
23.5%	50.7	50.8	0.1	0.2%
24.7%	50.7	50.7	0.0	0.0%
25.9%	50.7	50.6	-0.1	-0.2%
27.2%	50.6	50.6	0.0	0.0%
28.4%	50.5	50.6	0.1	0.2%
29.6%	50.4	50.5	0.1	0.2%
30.9%	50.4	50.5	0.1	0.2%
32.1%	50.2	50.2	0.0	0.0%
33.3%	50.1	50.1	0.0	0.0%
34.6%	50.0	50.0	0.0	0.0%
35.8%	50.0	50.0	0.0	0.0%
37.0%	49.9	50.0	0.1	0.2%
38.3%	49.8	50.0	0.2	0.4%
39.5%	49.8	49.8	0.0	0.0%
40.7%	49.8	49.8	0.0	0.0%
42.0%	49.7	49.7	0.0	0.0%
43.2%	49.6	49.7	0.1	0.2%
44.4%	49.6	49.6	0.0	0.0%
45.7%	49.6	49.6	0.0	0.0%
46.9%	49.5	49.6	0.1	0.2%
48.1%	49.4	49.5	0.1	0.2%
49.4%	49.4	49.5	0.1	0.2%
50.6%	49.4	49.4	0.0	0.0%
51.9%	49.3	49.4	0.1	0.2%
53.1%	49.3	49.3	0.0	0.0%
54.3%	49.3	49.3	0.0	0.0%
55.6%	49.3	49.3	0.0	0.0%
56.8%	49.3	49.3	0.0	0.0%
58.0%	49.2	49.2	0.0	0.0%
59.3%	49.2	49.2	0.0	0.0%
60.5%	49.1	49.2	0.1	0.2%
61.7%	49.1	49.2	0.1	0.2%
63.0%	49.0	49.2	0.2	0.4%
64.2%	48.9	49.1	0.2	0.4%
65.4%	48.9	49.1	0.2	0.4%
66.7%	48.9	49.0	0.1	0.2%
67.9%	48.9	48.9	0.0	0.0%
69.1%	48.9	48.9	0.0	0.0%
70.4%	48.8	48.9	0.1	0.2%
71.6%	48.8	48.8	0.0	0.0%
72.8%	48.7	48.8	0.1	0.2%
74.1%	48.6	48.8	0.2	0.4%
75.3%	48.6	48.6	0.0	0.0%
76.5%	48.6	48.6	0.0	0.0%
77.8%	48.6	48.6	0.0	0.0%
79.0%	48.6	48.4	-0.2	-0.4%
80.2%	48.4	48.4	0.0	0.0%
81.5%	48.4	48.4	0.0	0.0%
82.7%	48.3	48.2	-0.1	-0.2%
84.0%	48.2	48.1	-0.1	-0.2%
85.2%	48.2	48.1	-0.1	-0.2%
86.4%	48.1	48.1	0.0	0.0%
87.7%	48.0	48.1	0.1	0.2%
88.9%	48.0	48.0	0.0	0.0%
90.1%	47.8	48.0	0.2	0.4%
91.4%	47.7	47.7	0.0	0.0%
92.6%	47.5	47.5	0.0	0.0%
93.8%	47.4	47.4	0.0	0.0%
95.1%	47.3	47.2	-0.1	-0.2%
96.3%	47.2	47.2	0.0	0.0%
97.5%	47.1	47.2	0.1	0.2%
98.8%	46.4	46.3	-0.1	-0.2%
100.0%	46.4	46.3	-0.1	-0.2%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.7	60.7	0.0	0.0%
1.2%	59.5	59.4	-0.1	-0.2%
2.5%	58.2	58.1	-0.1	-0.2%
3.7%	58.0	58.1	0.1	0.2%
4.9%	58.0	58.0	0.0	0.0%
6.2%	57.7	58.0	0.3	0.5%
7.4%	57.5	57.6	0.1	0.2%
8.6%	57.4	57.4	0.0	0.0%
9.9%	57.4	57.4	0.0	0.0%
11.1%	56.9	57.3	0.4	0.7%
12.3%	56.8	57.1	0.3	0.5%
13.6%	56.6	56.8	0.2	0.4%
14.8%	56.6	56.7	0.1	0.2%
16.0%	56.3	56.6	0.3	0.5%
17.3%	56.2	56.4	0.2	0.4%
18.5%	56.1	56.4	0.3	0.5%
19.8%	56.1	56.1	0.0	0.0%
21.0%	56.1	56.1	0.0	0.0%
22.2%	56.1	56.1	0.0	0.0%
23.5%	56.0	56.1	0.1	0.2%
24.7%	55.8	56.0	0.2	0.4%
25.9%	55.6	55.8	0.2	0.4%
27.2%	55.5	55.6	0.1	0.2%
28.4%	55.5	55.6	0.1	0.2%
29.6%	55.4	55.5	0.1	0.2%
30.9%	55.3	55.5	0.2	0.4%
32.1%	55.2	55.5	0.3	0.5%
33.3%	55.2	55.3	0.1	0.2%
34.6%	55.2	55.3	0.1	0.2%
35.8%	55.2	55.2	0.0	0.0%
37.0%	55.2	55.2	0.0	0.0%
38.3%	55.1	55.2	0.1	0.2%
39.5%	55.1	55.1	0.0	0.0%
40.7%	55.0	55.0	0.0	0.0%
42.0%	54.9	55.0	0.1	0.2%
43.2%	54.7	55.0	0.3	0.5%
44.4%	54.6	54.8	0.2	0.4%
45.7%	54.5	54.7	0.2	0.4%
46.9%	54.4	54.5	0.1	0.2%
48.1%	54.4	54.4	0.0	0.0%
49.4%	54.3	54.4	0.1	0.2%
50.6%	54.3	54.4	0.1	0.2%
51.9%	54.2	54.3	0.1	0.2%
53.1%	54.2	54.2	0.0	0.0%
54.3%	54.1	54.2	0.1	0.2%
55.6%	54.1	54.2	0.1	0.2%
56.8%	54.1	54.1	0.0	0.0%
58.0%	53.9	54.0	0.1	0.2%
59.3%	53.9	53.9	0.0	0.0%
60.5%	53.9	53.9	0.0	0.0%
61.7%	53.9	53.9	0.0	0.0%
63.0%	53.8	53.9	0.1	0.2%
64.2%	53.8	53.9	0.1	0.2%
65.4%	53.7	53.9	0.2	0.4%
66.7%	53.5	53.7	0.2	0.4%
67.9%	53.4	53.5	0.1	0.2%
69.1%	53.3	53.5	0.2	0.4%
70.4%	53.2	53.2	0.0	0.0%
71.6%	53.1	53.1	0.0	0.0%
72.8%	53.0	53.0	0.0	0.0%
74.1%	52.9	53.0	0.1	0.2%
75.3%	52.7	52.9	0.2	0.4%
76.5%	52.6	52.9	0.3	0.6%
77.8%	52.6	52.8	0.2	0.4%
79.0%	52.5	52.6	0.1	0.2%
80.2%	52.4	52.6	0.2	0.4%
81.5%	52.4	52.4	0.0	0.0%
82.7%	52.3	52.4	0.1	0.2%
84.0%	52.1	52.2	0.1	0.2%
85.2%	52.1	52.2	0.1	0.2%
86.4%	52.1	52.1	0.0	0.0%
87.7%	52.0	52.1	0.1	0.2%
88.9%	52.0	52.1	0.1	0.2%
90.1%	52.0	52.0	0.0	0.0%
91.4%	51.8	52.0	0.2	0.4%
92.6%	51.6	51.7	0.1	0.2%
93.8%	51.6	51.6	0.0	0.0%
95.1%	51.4	51.4	0.0	0.0%
96.3%	51.4	51.4	0.0	0.0%
97.5%	51.3	51.3	0.0	0.0%
98.8%	51.1	51.1	0.0	0.0%
100.0%	51.1	51.1	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.6	65.9	0.3	0.5%
1.2%	65.5	65.5	0.0	0.0%
2.5%	65.4	65.2	-0.2	-0.3%
3.7%	64.9	64.8	-0.1	-0.2%
4.9%	64.8	64.8	0.0	0.0%
6.2%	64.5	64.8	0.3	0.5%
7.4%	64.4	64.5	0.1	0.2%
8.6%	64.3	64.3	0.0	0.0%
9.9%	64.2	64.2	0.0	0.0%
11.1%	64.0	64.2	0.2	0.3%
12.3%	63.8	64.2	0.4	0.6%
13.6%	63.3	63.4	0.1	0.2%
14.8%	63.3	63.4	0.1	0.2%
16.0%	63.3	63.2	-0.1	-0.2%
17.3%	63.2	63.2	0.0	0.0%
18.5%	63.0	63.2	0.2	0.3%
19.8%	63.0	63.2	0.2	0.3%
21.0%	62.9	63.1	0.2	0.3%
22.2%	62.9	62.9	0.0	0.0%
23.5%	62.8	62.8	0.0	0.0%
24.7%	62.6	62.6	0.0	0.0%
25.9%	62.4	62.4	0.0	0.0%
27.2%	62.4	62.3	-0.1	-0.2%
28.4%	62.3	62.3	0.0	0.0%
29.6%	62.3	62.3	0.0	0.0%
30.9%	62.2	62.2	0.0	0.0%
32.1%	62.0	62.1	0.1	0.2%
33.3%	61.7	61.8	0.1	0.2%
34.6%	61.6	61.6	0.0	0.0%
35.8%	61.6	61.6	0.0	0.0%
37.0%	61.5	61.6	0.1	0.2%
38.3%	61.4	61.5	0.1	0.2%
39.5%	61.4	61.5	0.1	0.2%
40.7%	61.4	61.4	0.0	0.0%
42.0%	61.3	61.4	0.1	0.2%
43.2%	61.3	61.4	0.1	0.2%
44.4%	61.0	61.2	0.2	0.3%
45.7%	61.0	61.0	0.0	0.0%
46.9%	61.0	61.0	0.0	0.0%
48.1%	61.0	61.0	0.0	0.0%
49.4%	60.9	61.0	0.1	0.2%
50.6%	60.9	61.0	0.1	0.2%
51.9%	60.8	60.8	0.0	0.0%
53.1%	60.7	60.8	0.1	0.2%
54.3%	60.7	60.7	0.0	0.0%
55.6%	60.7	60.7	0.0	0.0%
56.8%	60.6	60.6	0.0	0.0%
58.0%	60.6	60.5	-0.1	-0.2%
59.3%	60.2	60.3	0.1	0.2%
60.5%	60.1	60.2	0.1	0.2%
61.7%	59.8	60.0	0.2	0.3%
63.0%	59.7	59.8	0.1	0.2%
64.2%	59.7	59.8	0.1	0.2%
65.4%	59.7	59.6	-0.1	-0.2%
66.7%	59.6	59.6	0.0	0.0%
67.9%	59.4	59.5	0.1	0.2%
69.1%	59.4	59.4	0.0	0.0%
70.4%	59.3	59.3	0.0	0.0%
71.6%	59.2	59.2	0.0	0.0%
72.8%	59.2	59.1	-0.1	-0.2%
74.1%	59.1	59.1	0.0	0.0%
75.3%	58.6	58.7	0.1	0.2%
76.5%	58.6	58.6	0.0	0.0%
77.8%	58.5	58.5	0.0	0.0%
79.0%	58.5	58.5	0.0	0.0%
80.2%	57.9	58.0	0.1	0.2%
81.5%	57.9	57.9	0.0	0.0%
82.7%	57.7	57.8	0.1	0.2%
84.0%	57.6	57.7	0.1	0.2%
85.2%	57.6	57.6	0.0	0.0%
86.4%	57.6	57.6	0.0	0.0%
87.7%	57.5	57.5	0.0	0.0%
88.9%	57.4	57.4	0.0	0.0%
90.1%	57.3	57.3	0.0	0.0%
91.4%	57.2	57.2	0.0	0.0%
92.6%	56.6	56.9	0.3	0.5%
93.8%	56.3	56.3	0.0	0.0%
95.1%	56.3	56.3	0.0	0.0%
96.3%	56.2	56.2	0.0	0.0%
97.5%	55.1	55.1	0.0	0.0%
98.8%	54.3	54.3	0.0	0.0%
100.0%	54.3	54.3	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.7	73.9	0.2	0.3%
1.2%	72.3	72.3	0.0	0.0%
2.5%	71.1	71.2	0.1	0.1%
3.7%	70.8	71.0	0.2	0.3%
4.9%	70.4	70.3	-0.1	-0.1%
6.2%	69.9	70.1	0.2	0.3%
7.4%	69.8	69.9	0.1	0.1%
8.6%	69.6	69.8	0.2	0.3%
9.9%	69.2	69.2	0.0	0.0%
11.1%	69.0	68.9	-0.1	-0.1%
12.3%	68.8	68.7	-0.1	-0.1%
13.6%	68.6	68.6	0.0	0.0%
14.8%	68.4	68.6	0.2	0.3%
16.0%	68.3	68.4	0.1	0.1%
17.3%	68.3	68.4	0.1	0.1%
18.5%	68.1	68.3	0.2	0.3%
19.8%	68.1	68.0	-0.1	-0.1%
21.0%	67.8	67.8	0.0	0.0%
22.2%	67.7	67.7	0.0	0.0%
23.5%	67.7	67.6	-0.1	-0.1%
24.7%	67.6	67.6	0.0	0.0%
25.9%	67.5	67.5	0.0	0.0%
27.2%	67.5	67.4	-0.1	-0.1%
28.4%	67.4	67.4	0.0	0.0%
29.6%	67.3	67.4	0.1	0.1%
30.9%	67.3	67.3	0.0	0.0%
32.1%	67.2	67.2	0.0	0.0%
33.3%	67.2	67.2	0.0	0.0%
34.6%	67.1	67.2	0.1	0.1%
35.8%	67.1	67.0	-0.1	-0.1%
37.0%	67.0	67.0	0.0	0.0%
38.3%	67.0	66.9	-0.1	-0.1%
39.5%	67.0	66.9	-0.1	-0.1%
40.7%	66.9	66.8	-0.1	-0.1%
42.0%	66.8	66.7	-0.1	-0.1%
43.2%	66.8	66.7	-0.1	-0.1%
44.4%	66.7	66.7	0.0	0.0%
45.7%	66.6	66.6	0.0	0.0%
46.9%	66.4	66.5	0.1	0.2%
48.1%	66.4	66.4	0.0	0.0%
49.4%	66.4	66.3	-0.1	-0.2%
50.6%	66.2	66.3	0.1	0.2%
51.9%	66.1	66.1	0.0	0.0%
53.1%	66.0	66.0	0.0	0.0%
54.3%	66.0	66.0	0.0	0.0%
55.6%	65.9	66.0	0.1	0.2%
56.8%	65.8	65.8	0.0	0.0%
58.0%	65.4	65.4	0.0	0.0%
59.3%	65.3	65.4	0.1	0.2%
60.5%	65.3	65.3	0.0	0.0%
61.7%	65.3	65.3	0.0	0.0%
63.0%	65.3	65.3	0.0	0.0%
64.2%	65.1	65.1	0.0	0.0%
65.4%	65.1	65.1	0.0	0.0%
66.7%	64.8	64.9	0.1	0.2%
67.9%	64.7	64.7	0.0	0.0%
69.1%	64.7	64.7	0.0	0.0%
70.4%	64.5	64.5	0.0	0.0%
71.6%	64.4	64.4	0.0	0.0%
72.8%	64.3	64.3	0.0	0.0%
74.1%	64.1	64.0	-0.1	-0.2%
75.3%	64.0	64.0	0.0	0.0%
76.5%	63.8	63.8	0.0	0.0%
77.8%	63.7	63.7	0.0	0.0%
79.0%	63.7	63.6	-0.1	-0.2%
80.2%	63.5	63.5	0.0	0.0%
81.5%	63.4	63.4	0.0	0.0%
82.7%	63.3	63.4	0.1	0.2%
84.0%	63.1	63.1	0.0	0.0%
85.2%	63.1	63.1	0.0	0.0%
86.4%	63.1	63.1	0.0	0.0%
87.7%	62.9	63.1	0.2	0.3%
88.9%	62.8	62.9	0.1	0.2%
90.1%	62.8	62.9	0.1	0.2%
91.4%	62.7	62.8	0.1	0.2%
92.6%	62.6	62.7	0.1	0.2%
93.8%	62.3	62.6	0.3	0.5%
95.1%	62.2	62.3	0.1	0.2%
96.3%	61.4	61.5	0.1	0.2%
97.5%	61.3	61.3	0.0	0.0%
98.8%	60.3	60.3	0.0	0.0%
100.0%	60.3	60.3	0.0	0.0%

Table SQ-14-3b

Sacramento River at Freeport, Monthly Temperature

Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	74.4	74.3	-0.1	-0.1%
1.2%	74.3	74.2	-0.1	-0.1%
2.5%	73.7	73.6	-0.1	-0.1%
3.7%	73.5	73.5	0.0	0.0%
4.9%	73.3	73.3	0.0	0.0%
6.2%	73.1	73.3	0.2	0.3%
7.4%	73.1	73.1	0.0	0.0%
8.6%	72.9	73.0	0.1	0.1%
9.9%	72.7	72.8	0.1	0.1%
11.1%	72.5	72.8	0.3	0.4%
12.3%	72.4	72.7	0.3	0.4%
13.6%	72.4	72.6	0.2	0.3%
14.8%	72.4	72.5	0.1	0.1%
16.0%	72.4	72.5	0.1	0.1%
17.3%	72.3	72.4	0.1	0.1%
18.5%	72.1	72.4	0.3	0.4%
19.8%	72.0	72.1	0.1	0.1%
21.0%	71.9	72.0	0.1	0.1%
22.2%	71.7	71.8	0.1	0.1%
23.5%	71.6	71.7	0.1	0.1%
24.7%	71.5	71.5	0.0	0.0%
25.9%	71.4	71.5	0.1	0.1%
27.2%	71.4	71.4	0.0	0.0%
28.4%	71.4	71.3	-0.1	-0.1%
29.6%	71.3	71.3	0.0	0.0%
30.9%	71.3	71.3	0.0	0.0%
32.1%	71.1	71.3	0.2	0.3%
33.3%	71.1	71.1	0.0	0.0%
34.6%	71.1	71.1	0.0	0.0%
35.8%	71.0	71.0	0.0	0.0%
37.0%	71.0	70.9	-0.1	-0.1%
38.3%	71.0	70.9	-0.1	-0.1%
39.5%	70.9	70.9	0.0	0.0%
40.7%	70.9	70.8	-0.1	-0.1%
42.0%	70.9	70.8	-0.1	-0.1%
43.2%	70.8	70.8	0.0	0.0%
44.4%	70.8	70.7	-0.1	-0.1%
45.7%	70.8	70.6	-0.2	-0.3%
46.9%	70.8	70.6	-0.2	-0.3%
48.1%	70.7	70.6	-0.1	-0.1%
49.4%	70.5	70.5	0.0	0.0%
50.6%	70.5	70.4	-0.1	-0.1%
51.9%	70.5	70.3	-0.2	-0.3%
53.1%	70.4	70.3	-0.1	-0.1%
54.3%	70.4	70.3	-0.1	-0.1%
55.6%	70.4	70.2	-0.2	-0.3%
56.8%	70.3	70.2	-0.1	-0.1%
58.0%	70.3	70.2	-0.1	-0.1%
59.3%	70.2	70.1	-0.1	-0.1%
60.5%	70.2	70.1	-0.1	-0.1%
61.7%	70.1	70.1	0.0	0.0%
63.0%	70.1	69.9	-0.2	-0.3%
64.2%	69.8	69.8	0.0	0.0%
65.4%	69.8	69.6	-0.2	-0.3%
66.7%	69.8	69.6	-0.2	-0.3%
67.9%	69.6	69.6	0.0	0.0%
69.1%	69.5	69.5	0.0	0.0%
70.4%	69.5	69.4	-0.1	-0.1%
71.6%	69.4	69.4	0.0	0.0%
72.8%	69.4	69.4	0.0	0.0%
74.1%	69.3	69.4	0.1	0.1%
75.3%	69.3	69.2	-0.1	-0.1%
76.5%	69.0	69.0	0.0	0.0%
77.8%	69.0	69.0	0.0	0.0%
79.0%	68.9	68.8	-0.1	-0.1%
80.2%	68.8	68.7	-0.1	-0.1%
81.5%	68.6	68.5	-0.1	-0.1%
82.7%	68.6	68.4	-0.2	-0.3%
84.0%	68.3	68.3	0.0	0.0%
85.2%	68.3	68.2	-0.1	-0.1%
86.4%	68.0	68.0	0.0	0.0%
87.7%	67.7	67.6	-0.1	-0.1%
88.9%	67.6	67.5	-0.1	-0.1%
90.1%	67.4	67.4	0.0	0.0%
91.4%	67.4	67.3	-0.1	-0.1%
92.6%	66.9	66.8	-0.1	-0.1%
93.8%	66.8	66.7	-0.1	-0.1%
95.1%	66.8	66.6	-0.2	-0.3%
96.3%	66.6	66.5	-0.1	-0.2%
97.5%	66.6	66.5	-0.1	-0.2%
98.8%	65.7	65.5	-0.2	-0.3%
100.0%	65.7	65.5	-0.2	-0.3%

July				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	77.4	77.0	-0.4	-0.5%
1.2%	76.4	76.1	-0.3	-0.4%
2.5%	76.3	76.0	-0.3	-0.4%
3.7%	75.0	74.6	-0.4	-0.5%
4.9%	74.7	74.5	-0.2	-0.3%
6.2%	74.6	74.2	-0.4	-0.5%
7.4%	74.3	74.2	-0.1	-0.1%
8.6%	74.0	74.2	0.2	0.3%
9.9%	73.9	73.6	-0.3	-0.4%
11.1%	73.9	73.6	-0.3	-0.4%
12.3%	73.8	73.6	-0.2	-0.3%
13.6%	73.8	73.5	-0.3	-0.4%
14.8%	73.7	73.5	-0.2	-0.3%
16.0%	73.6	73.4	-0.2	-0.3%
17.3%	73.6	73.4	-0.2	-0.3%
18.5%	73.5	73.4	-0.1	-0.1%
19.8%	73.4	73.4	0.0	0.0%
21.0%	73.4	73.4	0.0	0.0%
22.2%	73.3	73.3	0.0	0.0%
23.5%	73.3	73.3	0.0	0.0%
24.7%	73.3	73.1	-0.2	-0.3%
25.9%	73.3	73.1	-0.2	-0.3%
27.2%	73.3	73.1	-0.2	-0.3%
28.4%	73.2	73.0	-0.2	-0.3%
29.6%	73.2	73.0	-0.2	-0.3%
30.9%	73.2	73.0	-0.2	-0.3%
32.1%	73.1	72.9	-0.2	-0.3%
33.3%	73.1	72.9	-0.2	-0.3%
34.6%	73.0	72.9	-0.1	-0.1%
35.8%	73.0	72.8	-0.2	-0.3%
37.0%	73.0	72.8	-0.2	-0.3%
38.3%	72.9	72.7	-0.2	-0.3%
39.5%	72.9	72.6	-0.3	-0.4%
40.7%	72.8	72.5	-0.3	-0.4%
42.0%	72.8	72.5	-0.3	-0.4%
43.2%	72.8	72.4	-0.4	-0.5%
44.4%	72.6	72.4	-0.2	-0.3%
45.7%	72.6	72.4	-0.2	-0.3%
46.9%	72.6	72.3	-0.3	-0.4%
48.1%	72.6	72.3	-0.3	-0.4%
49.4%	72.4	72.2	-0.2	-0.3%
50.6%	72.4	72.2	-0.2	-0.3%
51.9%	72.4	72.0	-0.4	-0.6%
53.1%	72.4	71.9	-0.5	-0.7%
54.3%	72.4	71.9	-0.5	-0.7%
55.6%	72.3	71.9	-0.4	-0.6%
56.8%	72.1	71.8	-0.3	-0.4%
58.0%	71.9	71.8	-0.1	-0.1%
59.3%	71.9	71.7	-0.2	-0.3%
60.5%	71.9	71.7	-0.2	-0.3%
61.7%	71.8	71.7	-0.1	-0.1%
63.0%	71.8	71.7	-0.1	-0.1%
64.2%	71.8	71.7	-0.1	-0.1%
65.4%	71.8	71.6	-0.2	-0.3%
66.7%	71.8	71.6	-0.2	-0.3%
67.9%	71.7	71.6	-0.1	-0.1%
69.1%	71.7	71.5	-0.2	-0.3%
70.4%	71.7	71.5	-0.2	-0.3%
71.6%	71.6	71.5	-0.1	-0.1%
72.8%	71.6	71.4	-0.2	-0.3%
74.1%	71.6	71.4	-0.2	-0.3%
75.3%	71.6	71.3	-0.3	-0.4%
76.5%	71.5	71.2	-0.3	-0.4%
77.8%	71.4	71.1	-0.3	-0.4%
79.0%	71.4	71.1	-0.3	-0.4%
80.2%	71.4	71.0	-0.4	-0.6%
81.5%	71.2	71.0	-0.2	-0.3%
82.7%	71.1	70.9	-0.2	-0.3%
84.0%	71.1	70.9	-0.2	-0.3%
85.2%	71.0	70.7	-0.3	-0.4%
86.4%	70.9	70.3	-0.6	-0.8%
87.7%	70.7	70.3	-0.4	-0.6%
88.9%	70.6	70.1	-0.5	-0.7%
90.1%	70.4	69.9	-0.5	-0.7%
91.4%	70.4	69.8	-0.6	-0.9%
92.6%	70.3	69.8	-0.5	-0.7%
93.8%	70.3	69.4	-0.9	-1.3%
95.1%	69.9	69.1	-0.8	-1.1%
96.3%	69.5	69.1	-0.4	-0.6%
97.5%	69.2	68.9	-0.3	-0.4%
98.8%	69.2	68.6	-0.6	-0.9%
100.0%	69.2	68.6	-0.6	-0.9%

August				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	74.9	74.5	-0.4	-0.5%
1.2%	74.9	74.5	-0.4	-0.5%
2.5%	74.8	74.4	-0.4	-0.5%
3.7%	74.8	74.3	-0.5	-0.7%
4.9%	74.7	74.1	-0.6	-0.8%
6.2%	74.4	74.0	-0.4	-0.5%
7.4%	74.4	74.0	-0.4	-0.5%
8.6%	74.3	73.9	-0.4	-0.5%
9.9%	74.3	73.9	-0.4	-0.5%
11.1%	74.2	73.9	-0.3	-0.4%
12.3%	74.1	73.8	-0.3	-0.4%
13.6%	73.9	73.8	-0.1	-0.1%
14.8%	73.8	73.7	-0.1	-0.1%
16.0%	73.7	73.5	-0.2	-0.3%
17.3%	73.6	73.4	-0.2	-0.3%
18.5%	73.6	73.2	-0.4	-0.5%
19.8%	73.6	73.2	-0.4	-0.5%
21.0%	73.3	73.1	-0.2	-0.3%
22.2%	73.3	72.9	-0.4	-0.5%
23.5%	73.1	72.9	-0.2	-0.3%
24.7%	73.1	72.8	-0.3	-0.4%
25.9%	73.0	72.7	-0.3	-0.4%
27.2%	73.0	72.6	-0.4	-0.5%
28.4%	72.9	72.6	-0.3	-0.4%
29.6%	72.9	72.5	-0.4	-0.5%
30.9%	72.8	72.4	-0.4	-0.5%
32.1%	72.8	72.4	-0.4	-0.5%
33.3%	72.7	72.4	-0.3	-0.4%
34.6%	72.7	72.3	-0.4	-0.6%
35.8%	72.7	72.2	-0.5	-0.7%
37.0%	72.5	72.2	-0.3	-0.4%
38.3%	72.5	72.2	-0.3	-0.4%
39.5%	72.4	72.2	-0.2	-0.3%
40.7%	72.4	72.1	-0.3	-0.4%
42.0%	72.3	72.0	-0.3	-0.4%
43.2%	72.3	72.0	-0.3	-0.4%
44.4%	72.2	72.0	-0.2	-0.3%
45.7%	72.1	71.8	-0.3	-0.4%
46.9%	72.1	71.8	-0.3	-0.4%
48.1%	72.0	71.7	-0.3	-0.4%
49.4%	71.9	71.7	-0.2	-0.3%
50.6%	71.7	71.6	-0.1	-0.1%
51.9%	71.7	71.6	-0.1	-0.1%
53.1%	71.6	71.6	0.0	0.0%
54.3%	71.6	71.5	-0.1	-0.1%
55.6%	71.6	71.5	-0.1	-0.1%
56.8%	71.4	71.4	0.0	0.0%
58.0%	71.3	71.3	0.0	0.0%
59.3%	71.3	71.3	0.0	0.0%
60.5%	71.3	71.3	0.0	0.0%
61.7%	71.3	71.2	-0.1	-0.1%
63.0%	71.2	71.2	0.0	0.0%
64.2%	71.2	71.2	0.0	0.0%
65.4%	71.1	71.1	0.0	0.0%
66.7%	71.1	71.1	0.0	0.0%
67.9%	71.1	71.0	-0.1	-0.1%
69.1%	71.0	71.0	0.0	0.0%
70.4%	70.9	71.0	0.1	0.1%
71.6%	70.8	70.9	0.1	0.1%
72.8%	70.8	70.9	0.1	0.1%
74.1%	70.8	70.8	0.0	0.0%
75.3%	70.8	70.8	0.0	0.0%
76.5%	70.7	70.8	0.1	0.1%
77.8%	70.7	70.7	0.0	0.0%
79.0%	70.7	70.6	-0.1	-0.1%
80.2%	70.7	70.6	-0.1	-0.1%
81.5%	70.6	70.6	0.0	0.0%
82.7%	70.6	70.6	0.0	0.0%
84.0%	70.5	70.5	0.0	0.0%
85.2%	70.4	70.4	0.0	0.0%
86.4%	70.3	70.4	0.1	0.1%
87.7%	70.3	70.3	0.0	0.0%
88.9%	70.3	70.2	-0.1	-0.1%
90.1%	70.2	70.2	0.0	0.0%
91.4%	70.1	70.1	0.0	0.0%
92.6%	69.9	70.0	0.1	0.1%
93.8%	69.7	69.9	0.2	0.3%
95.1%	69.7	69.4	-0.3	-0.4%
96.3%	69.3	69.4	0.1	0.1%
97.5%	69.3	69.2	-0.1	-0.1%
98.8%	68.8	68.9	0.1	0.1%
100.0%	68.8	68.9	0.1	0.1%

September				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.2	72.9	-0.3	-0.4%
1.2%	71.6	71.8	0.2	0.3%
2.5%	71.5	71.7	0.2	0.3%
3.7%	71.3	71.4	0.1	0.1%
4.9%	71.3	71.3	0.0	0.0%
6.2%	71.3	71.0	-0.3	-0.4%
7.4%	71.2	70.9	-0.3	-0.4%
8.6%	71.2	70.9	-0.3	-0.4%
9.9%	70.9	70.5	-0.4	-0.6%
11.1%	70.9	70.4	-0.5	-0.7%
12.3%	70.7	70.4	-0.3	-0.4%
13.6%	70.6	70.2	-0.4	-0.6%
14.8%	70.6	70.0	-0.6	-0.8%
16.0%	70.5	69.9	-0.6	-0.9%
17.3%	70.3	69.9	-0.4	-0.6%
18.5%	70.1	69.8	-0.3	-0.4%
19.8%	70.1	69.8	-0.3	-0.4%
21.0%	70.1	69.8	-0.3	-0.4%
22.2%	69.9	69.5	-0.4	-0.6%
23.5%	69.9	69.4	-0.5	-0.7%
24.7%	69.5	69.4	-0.1	-0.1%
25.9%	69.4	69.3	-0.1	-0.1%
27.2%	69.3	69.3	0.0	0.0%
28.4%	69.3	69.3	0.0	0.0%
29.6%	69.3	69.1	-0.2	-0.3%
30.9%	69.2	69.0	-0.2	-0.3%
32.1%	69.2	69.0	-0.2	-0.3%
33.3%	69.1	69.0	-0.1	-0.1%
34.6%	69.0	68.9	-0.1	-0.1%
35.8%	68.9	68.8	-0.1	-0.1%
37.0%	68.9	68.5	-0.4	-0.6%
38.3%	68.7	68.5	-0.2	-0.3%
39.5%	68.7	68.5	-0.2	-0.3%
40.7%	68.4	68.2	-0.2	-0.3%
42.0%	68.4	68.2	-0.2	-0.3%
43.2%	68.3	68.0	-0.3	-0.4%
44.4%	68.3	67.9	-0.4	-0.6%
45.7%	68.3	67.9	-0.4	-0.6%
46.9%	68.2	67.8	-0.4	-0.6%
48.1%	68.2	67.8	-0.4	-0.6%
49.4%	68.0	67.8	-0.2	-0.3%
50.6%	67.9	67.8	-0.1	-0.1%
51.9%	67.9	67.6	-0.3	-0.4%
53.1%	67.8	67.5	-0.3	-0.4%
54.3%	67.8	67.5	-0.3	-0.4%
55.6%	67.6	67.3	-0.3	-0.4%
56.8%	67.6	67.2	-0.4	-0.6%
58.0%	67.5	67.2	-0.3	-0.4%
59.3%	67.5	67.2	-0.3	-0.4%
60.5%	67.5	67.1	-0.4	-0.6%
61.7%	67.5	67.1	-0.4	-0.6%
63.0%	67.4	67.0	-0.4	-0.6%
64.2%	67.3	67.0	-0.3	-0.4%
65.4%	67.1	67.0	-0.1	-0.1%
66.7%	67.1	67.0	-0.1	-0.1%
67.9%	67.0	66.7	-0.3	-0.4%
69.1%	67.0	66.7	-0.3	-0.4%
70.4%	66.8	66.6	-0.2	-0.3%
71.6%	66.7	66.6	-0.1	-0.1%
72.8%	66.7	66.5	-0.2	-0.3%
74.1%	66.7	66.5	-0.2	-0.3%
75.3%	66.6	66.5	-0.1	-0.2%
76.5%	66.6	66.5	-0.1	-0.2%
77.8%	66.5	66.4	-0.1	-0.2%
79.0%	66.4	66.4	0.0	0.0%
80.2%	66.4	66.3	-0.1	-0.2%
81.5%	66.4	66.2	-0.2	-0.3%
82.7%	66.2	66.1	-0.1	-0.2%
84.0%	66.1	66.1	0.0	0.0%
85.2%	66.1	66.0	-0.1	-0.2%
86.4%	66.0	65.8	-0.2	-0.3%
87.7%	65.5	65.7	0.2	0.3%
88.9%	65.4	65.7	0.3	0.5%
90.1%	65.4	65.6	0.2	0.3%
91.4%	65.2	65.3	0.1	0.2%
92.6%	64.9	64.6	-0.3	-0.5%
93.8%	64.2	63.9	-0.3	-0.5%
95.1%	64.1	63.8	-0.3	-0.5%
96.3%	63.8	63.6	-0.2	-0.3%
97.5%	63.2	63.2	0.0	0.0%
98.8%	62.9	62.8	-0.1	-0.2%
100.0%	62.9	62.8	-0.1	-0.2%

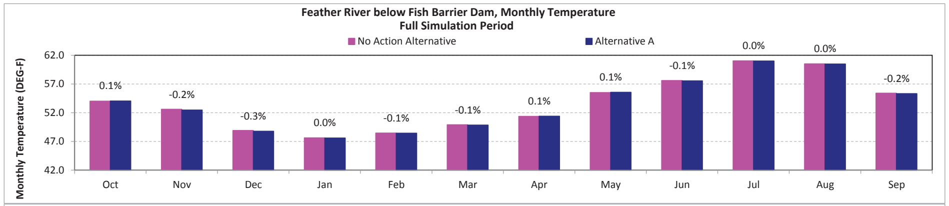
Table SQ-15-3a
Feather River below Fish Barrier Dam, Monthly Temperature
Long-term Average and Average by Water Year Type

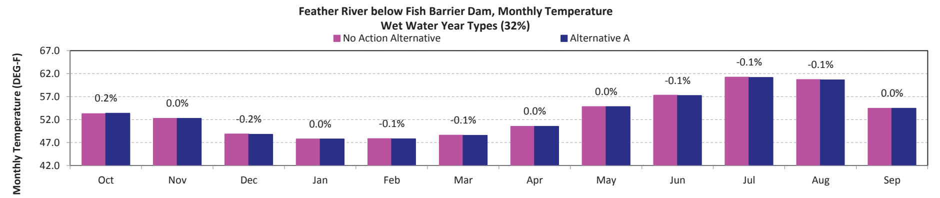
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	54.0	52.6	48.9	47.6	48.5	49.9	51.4	55.5	57.6	61.0	60.5	55.4
Alternative A	54.0	52.5	48.8	47.6	48.4	49.8	51.4	55.6	57.6	61.0	60.5	55.3
Difference	0.0	-0.1	-0.2	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1
Percent Difference[3]	0.1%	-0.2%	-0.3%	0.0%	-0.1%	-0.1%	0.1%	0.1%	-0.1%	0.0%	0.0%	-0.2%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	53.2	52.2	48.9	47.8	47.8	48.6	50.5	54.8	57.3	61.2	60.7	54.4
Alternative A	53.4	52.2	48.8	47.8	47.8	48.6	50.5	54.8	57.2	61.2	60.6	54.5
Difference	0.1	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0	-0.1	0.0	-0.1	0.0
Percent Difference	0.2%	0.0%	-0.2%	0.0%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	0.0%
Above Normal (15%)												
No Action Alternative	53.3	52.0	48.8	47.5	48.1	48.8	51.5	55.7	57.8	60.7	59.8	54.5
Alternative A	53.4	52.0	48.6	47.5	48.1	48.7	51.5	55.7	57.6	60.7	59.9	54.4
Difference	0.1	0.0	-0.2	0.0	0.0	-0.1	0.0	0.0	-0.2	0.0	0.1	-0.1
Percent Difference	0.2%	0.0%	-0.5%	0.0%	0.0%	-0.2%	0.0%	0.0%	-0.3%	0.0%	0.2%	-0.1%
Below Normal (17%)												
No Action Alternative	53.8	52.3	48.5	47.5	48.4	50.3	52.0	55.9	57.8	60.8	59.9	55.6
Alternative A	54.0	52.4	48.4	47.4	48.5	50.1	52.1	56.0	57.7	60.8	60.1	55.5
Difference	0.2	0.0	0.0	-0.1	0.0	-0.2	0.1	0.0	-0.2	0.0	0.1	-0.1
Percent Difference	0.3%	0.0%	-0.1%	-0.1%	0.1%	-0.5%	0.1%	0.0%	-0.3%	0.0%	0.2%	-0.2%
Dry (22%)												
No Action Alternative	54.3	52.8	49.0	47.5	48.9	51.1	51.9	55.7	57.7	60.8	60.2	55.9
Alternative A	54.4	52.7	48.8	47.5	48.9	51.2	52.0	55.8	57.8	60.8	59.9	55.8
Difference	0.2	0.0	-0.2	-0.1	0.0	0.1	0.0	0.1	0.1	0.0	-0.4	-0.2
Percent Difference	0.4%	-0.1%	-0.4%	-0.1%	0.0%	0.3%	0.0%	0.2%	0.2%	0.0%	-0.6%	-0.3%
Critical (15%)												
No Action Alternative	56.2	54.0	49.5	47.4	49.2	51.3	51.5	55.9	57.7	61.6	61.8	57.2
Alternative A	55.5	53.2	49.2	47.5	49.1	51.1	51.6	56.0	57.8	61.5	62.1	56.9
Difference	-0.6	-0.8	-0.3	0.1	-0.1	-0.2	0.1	0.1	0.1	-0.1	0.3	-0.3
Percent Difference	-1.1%	-1.5%	-0.6%	0.1%	-0.3%	-0.5%	0.3%	0.3%	0.1%	-0.1%	0.5%	-0.5%

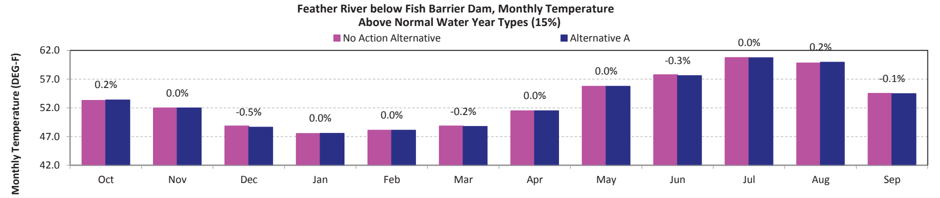
1 Based on the 82-year simulation period

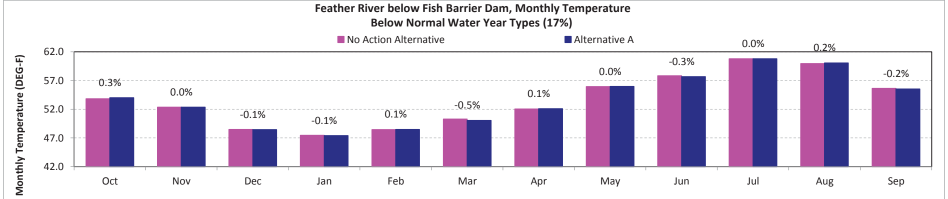
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

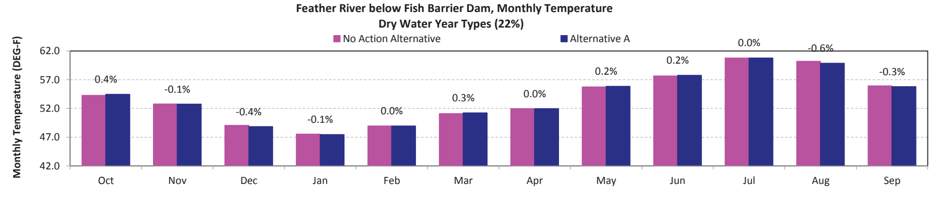
3 Relative difference of the monthly average


Feather River below Fish Barrier Dam, Monthly Temperature
Full Simulation Period


Feather River below Fish Barrier Dam, Monthly Temperature
Wet Water Year Types (32%)


Feather River below Fish Barrier Dam, Monthly Temperature
Above Normal Water Year Types (15%)


Feather River below Fish Barrier Dam, Monthly Temperature
Below Normal Water Year Types (17%)


Feather River below Fish Barrier Dam, Monthly Temperature
Dry Water Year Types (22%)

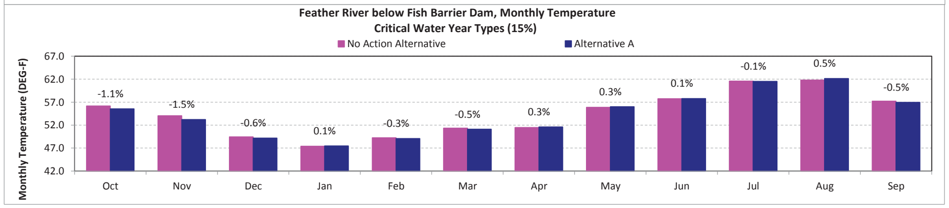

Feather River below Fish Barrier Dam, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-15-3b
Feather River below Fish Barrier Dam, Monthly Temperature
Probability of Exceedance

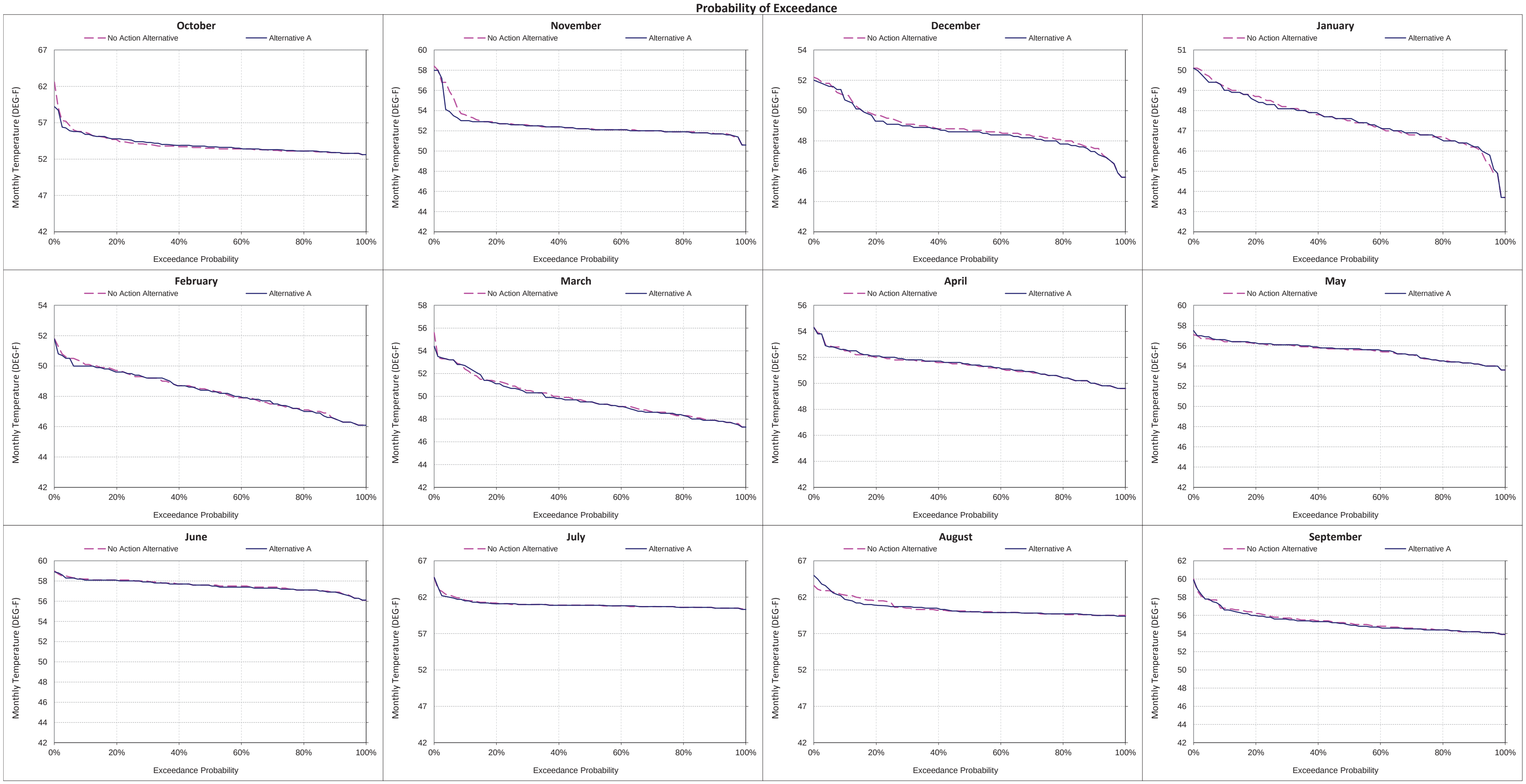


Table SQ-15-3b

Feather River below Fish Barrier Dam, Monthly Temperature

Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	62.6	59.2	-3.4	-5.4%
1.2%	59.1	58.7	-0.4	-0.7%
2.5%	57.3	56.4	-0.9	-1.6%
3.7%	57.2	56.3	-0.9	-1.6%
4.9%	56.6	55.9	-0.7	-1.2%
6.2%	56.0	55.8	-0.2	-0.4%
7.4%	55.8	55.8	0.0	0.0%
8.6%	55.8	55.7	-0.1	-0.2%
9.9%	55.7	55.4	-0.3	-0.5%
11.1%	55.5	55.4	-0.1	-0.2%
12.3%	55.2	55.2	0.0	0.0%
13.6%	55.2	55.1	-0.1	-0.2%
14.8%	55.1	55.1	0.0	0.0%
16.0%	55.0	55.1	0.1	0.2%
17.3%	54.8	54.9	0.1	0.2%
18.5%	54.7	54.8	0.1	0.2%
19.8%	54.7	54.8	0.1	0.2%
21.0%	54.4	54.8	0.4	0.7%
22.2%	54.4	54.7	0.3	0.6%
23.5%	54.3	54.7	0.4	0.7%
24.7%	54.2	54.6	0.4	0.7%
25.9%	54.2	54.4	0.2	0.4%
27.2%	54.1	54.4	0.3	0.6%
28.4%	54.1	54.4	0.3	0.6%
29.6%	54.0	54.3	0.3	0.6%
30.9%	54.0	54.3	0.3	0.6%
32.1%	53.9	54.2	0.3	0.6%
33.3%	53.8	54.2	0.4	0.7%
34.6%	53.8	54.0	0.2	0.4%
35.8%	53.8	54.0	0.2	0.4%
37.0%	53.8	54.0	0.2	0.4%
38.3%	53.8	53.9	0.1	0.2%
39.5%	53.7	53.9	0.2	0.4%
40.7%	53.7	53.9	0.2	0.4%
42.0%	53.7	53.9	0.2	0.4%
43.2%	53.7	53.9	0.2	0.4%
44.4%	53.6	53.8	0.2	0.4%
45.7%	53.6	53.8	0.2	0.4%
46.9%	53.6	53.8	0.2	0.4%
48.1%	53.5	53.8	0.3	0.6%
49.4%	53.5	53.7	0.2	0.4%
50.6%	53.5	53.7	0.2	0.4%
51.9%	53.5	53.7	0.2	0.4%
53.1%	53.4	53.6	0.2	0.4%
54.3%	53.4	53.6	0.2	0.4%
55.6%	53.4	53.6	0.2	0.4%
56.8%	53.4	53.6	0.2	0.4%
58.0%	53.4	53.5	0.1	0.2%
59.3%	53.4	53.5	0.1	0.2%
60.5%	53.4	53.4	0.0	0.0%
61.7%	53.4	53.4	0.0	0.0%
63.0%	53.4	53.4	0.0	0.0%
64.2%	53.3	53.4	0.1	0.2%
65.4%	53.3	53.4	0.1	0.2%
66.7%	53.3	53.3	0.0	0.0%
67.9%	53.3	53.3	0.0	0.0%
69.1%	53.2	53.3	0.1	0.2%
70.4%	53.2	53.3	0.1	0.2%
71.6%	53.2	53.3	0.1	0.2%
72.8%	53.1	53.3	0.2	0.4%
74.1%	53.1	53.2	0.1	0.2%
75.3%	53.1	53.2	0.1	0.2%
76.5%	53.1	53.2	0.1	0.2%
77.8%	53.1	53.1	0.0	0.0%
79.0%	53.1	53.1	0.0	0.0%
80.2%	53.1	53.1	0.0	0.0%
81.5%	53.1	53.1	0.0	0.0%
82.7%	53.1	53.1	0.0	0.0%
84.0%	53.0	53.1	0.1	0.2%
85.2%	53.0	53.0	0.0	0.0%
86.4%	53.0	53.0	0.0	0.0%
87.7%	52.9	53.0	0.1	0.2%
88.9%	52.9	52.9	0.0	0.0%
90.1%	52.9	52.9	0.0	0.0%
91.4%	52.8	52.9	0.1	0.2%
92.6%	52.8	52.8	0.0	0.0%
93.8%	52.8	52.8	0.0	0.0%
95.1%	52.8	52.8	0.0	0.0%
96.3%	52.8	52.8	0.0	0.0%
97.5%	52.8	52.8	0.0	0.0%
98.8%	52.6	52.6	0.0	0.0%
100.0%	52.6	52.6	0.0	0.0%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	58.4	58.0	-0.4	-0.7%
1.2%	58.0	58.0	0.0	0.0%
2.5%	56.8	57.2	0.4	0.7%
3.7%	56.8	54.1	-2.7	-4.8%
4.9%	55.9	53.9	-2.0	-3.6%
6.2%	55.3	53.5	-1.8	-3.3%
7.4%	54.3	53.3	-1.0	-1.8%
8.6%	53.7	53.0	-0.7	-1.3%
9.9%	53.6	53.0	-0.6	-1.1%
11.1%	53.4	53.0	-0.4	-0.7%
12.3%	53.3	52.9	-0.4	-0.8%
13.6%	53.1	52.9	-0.2	-0.4%
14.8%	53.0	52.9	-0.1	-0.2%
16.0%	52.9	52.9	0.0	0.0%
17.3%	52.9	52.9	0.0	0.0%
18.5%	52.9	52.8	-0.1	-0.2%
19.8%	52.8	52.8	0.0	0.0%
21.0%	52.7	52.7	0.0	0.0%
22.2%	52.7	52.7	0.0	0.0%
23.5%	52.7	52.7	0.0	0.0%
24.7%	52.7	52.6	-0.1	-0.2%
25.9%	52.6	52.6	0.0	0.0%
27.2%	52.6	52.6	0.0	0.0%
28.4%	52.6	52.6	0.0	0.0%
29.6%	52.6	52.5	-0.1	-0.2%
30.9%	52.5	52.5	0.0	0.0%
32.1%	52.5	52.5	0.0	0.0%
33.3%	52.5	52.5	0.0	0.0%
34.6%	52.4	52.5	0.1	0.2%
35.8%	52.4	52.4	0.0	0.0%
37.0%	52.4	52.4	0.0	0.0%
38.3%	52.4	52.4	0.0	0.0%
39.5%	52.4	52.4	0.0	0.0%
40.7%	52.4	52.4	0.0	0.0%
42.0%	52.3	52.3	0.0	0.0%
43.2%	52.3	52.3	0.0	0.0%
44.4%	52.3	52.3	0.0	0.0%
45.7%	52.2	52.2	0.0	0.0%
46.9%	52.2	52.2	0.0	0.0%
48.1%	52.2	52.2	0.0	0.0%
49.4%	52.2	52.2	0.0	0.0%
50.6%	52.2	52.1	-0.1	-0.2%
51.9%	52.1	52.1	0.0	0.0%
53.1%	52.1	52.1	0.0	0.0%
54.3%	52.1	52.1	0.0	0.0%
55.6%	52.1	52.1	0.0	0.0%
56.8%	52.1	52.1	0.0	0.0%
58.0%	52.1	52.1	0.0	0.0%
59.3%	52.1	52.1	0.0	0.0%
60.5%	52.1	52.1	0.0	0.0%
61.7%	52.1	52.1	0.0	0.0%
63.0%	52.1	52.0	-0.1	-0.2%
64.2%	52.1	52.0	-0.1	-0.2%
65.4%	52.0	52.0	0.0	0.0%
66.7%	52.0	52.0	0.0	0.0%
67.9%	52.0	52.0	0.0	0.0%
69.1%	52.0	52.0	0.0	0.0%
70.4%	52.0	52.0	0.0	0.0%
71.6%	52.0	52.0	0.0	0.0%
72.8%	52.0	52.0	0.0	0.0%
74.1%	51.9	51.9	0.0	0.0%
75.3%	51.9	51.9	0.0	0.0%
76.5%	51.9	51.9	0.0	0.0%
77.8%	51.9	51.9	0.0	0.0%
79.0%	51.9	51.9	0.0	0.0%
80.2%	51.9	51.9	0.0	0.0%
81.5%	51.9	51.9	0.0	0.0%
82.7%	51.9	51.8	-0.1	-0.2%
84.0%	51.9	51.8	-0.1	-0.2%
85.2%	51.8	51.8	0.0	0.0%
86.4%	51.8	51.8	0.0	0.0%
87.7%	51.8	51.8	0.0	0.0%
88.9%	51.8	51.7	-0.1	-0.2%
90.1%	51.7	51.7	0.0	0.0%
91.4%	51.7	51.7	0.0	0.0%
92.6%	51.7	51.7	0.0	0.0%
93.8%	51.7	51.6	-0.1	-0.2%
95.1%	51.6	51.6	0.0	0.0%
96.3%	51.4	51.5	0.1	0.2%
97.5%	51.3	51.4	0.1	0.2%
98.8%	50.6	50.6	0.0	0.0%
100.0%	50.6	50.6	0.0	0.0%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	52.2	52.0	-0.2	-0.4%
1.2%	52.1	51.9	-0.2	-0.4%
2.5%	51.9	51.8	-0.1	-0.2%
3.7%	51.8	51.7	-0.1	-0.2%
4.9%	51.8	51.6	-0.2	-0.4%
6.2%	51.5	51.6	0.1	0.2%
7.4%	51.2	51.4	0.2	0.4%
8.6%	51.1	51.4	0.3	0.6%
9.9%	51.0	50.7	-0.3	-0.6%
11.1%	51.0	50.6	-0.4	-0.8%
12.3%	50.6	50.5	-0.1	-0.2%
13.6%	50.3	50.1	-0.2	-0.4%
14.8%	50.1	50.1	0.0	0.0%
16.0%	49.9	49.9	0.0	0.0%
17.3%	49.9	49.8	-0.1	-0.2%
18.5%	49.8	49.7	-0.1	-0.2%
19.8%	49.7	49.3	-0.4	-0.8%
21.0%	49.7	49.3	-0.4	-0.8%
22.2%	49.6	49.3	-0.3	-0.6%
23.5%	49.5	49.1	-0.4	-0.8%
24.7%	49.5	49.1	-0.4	-0.8%
25.9%	49.4	49.1	-0.3	-0.6%
27.2%	49.3	49.1	-0.2	-0.4%
28.4%	49.2	49.0	-0.2	-0.4%
29.6%	49.1	49.0	-0.1	-0.2%
30.9%	49.1	49.0	-0.1	-0.2%
32.1%	49.1	48.9	-0.2	-0.4%
33.3%	49.0	48.9	-0.1	-0.2%
34.6%	49.0	48.9	-0.1	-0.2%
35.8%	49.0	48.9	-0.1	-0.2%
37.0%	48.9	48.9	0.0	0.0%
38.3%	48.9	48.8	-0.1	-0.2%
39.5%	48.8	48.8	0.0	0.0%
40.7%	48.8	48.7	-0.1	-0.2%
42.0%	48.8	48.7	-0.1	-0.2%
43.2%	48.8	48.6	-0.2	-0.4%
44.4%	48.8	48.6	-0.2	-0.4%
45.7%	48.8	48.6	-0.2	-0.4%
46.9%	48.8	48.6	-0.2	-0.4%
48.1%	48.8	48.6	-0.2	-0.4%
49.4%	48.7	48.6	-0.1	-0.2%
50.6%	48.7	48.6	-0.1	-0.2%
51.9%	48.7	48.6	-0.1	-0.2%
53.1%	48.7	48.6	-0.1	-0.2%
54.3%	48.7	48.5	-0.2	-0.4%
55.6%	48.6	48.5	-0.1	-0.2%
56.8%	48.6	48.4	-0.2	-0.4%
58.0%	48.6	48.4	-0.2	-0.4%
59.3%	48.6	48.4	-0.2	-0.4%
60.5%	48.5	48.4	-0.1	-0.2%
61.7%	48.5	48.4	-0.1	-0.2%
63.0%	48.5	48.4	-0.1	-0.2%
64.2%	48.5	48.3	-0.2	-0.4%
65.4%	48.5	48.3	-0.2	-0.4%
66.7%	48.4	48.2	-0.2	-0.4%
67.9%	48.4	48.2	-0.2	-0.4%
69.1%	48.4	48.2	-0.2	-0.4%
70.4%	48.3	48.2	-0.1	-0.2%
71.6%	48.3	48.1	-0.2	-0.4%
72.8%	48.3	48.1	-0.2	-0.4%
74.1%	48.2	48.0	-0.2	-0.4%
75.3%	48.2	48.0	-0.2	-0.4%
76.5%	48.2	48.0	-0.2	-0.4%
77.8%	48.1	48.0	-0.1	-0.2%
79.0%	48.1	47.8	-0.3	-0.6%
80.2%	48.0	47.8	-0.2	-0.4%
81.5%	48.0	47.8	-0.2	-0.4%
82.7%	48.0	47.7	-0.3	-0.6%
84.0%	47.8	47.7	-0.1	-0.2%
85.2%	47.8	47.6	-0.2	-0.4%
86.4%	47.7	47.6	-0.1	-0.2%
87.7%	47.6	47.5	-0.1	-0.2%
88.9%	47.6	47.3	-0.3	-0.6%
90.1%	47.5	47.3	-0.2	-0.4%
91.4%	47.5	47.1	-0.4	-0.8%
92.6%	47.1	47.0	-0.1	-0.2%
93.8%	46.9	46.9	0.0	0.0%
95.1%	46.7	46.7	0.0	0.0%
96.3%	46.5	46.5	0.0	0.0%
97.5%	45.9	45.9	0.0	0.0%
98.8%	45.6	45.6	0.0	0.0%
100.0%	45.6	45.6	0.0	0.0%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.1	50.1	0.0	0.0%
1.2%	50.1	50.0	-0.1	-0.2%
2.5%	50.0	49.8	-0.2	-0.4%
3.7%	49.8	49.6	-0.2	-0.4%
4.9%	49.7	49.4	-0.3	-0.6%
6.2%	49.5	49.4	-0.1	-0.2%
7.4%	49.4	49.4	0.0	0.0%
8.6%	49.3	49.3	0.0	0.0%
9.9%	49.2	49.0	-0.2	-0.4%
11.1%	49.1	49.0	-0.1	-0.2%
12.3%	49.0	48.9	-0.1	-0.2%
13.6%	49.0	48.9	-0.1	-0.2%
14.8%	48.9	48.9	0.0	0.0%
16.0%	48.8	48.8	0.0	0.0%
17.3%	48.8	48.8	0.0	0.0%
18.5%	48.8	48.6	-0.2	-0.4%
19.8%	48.7	48.5	-0.2	-0.4%
21.0%	48.7	48.4	-0.3	-0.6%
22.2%	48.6	48.4	-0.2	-0.4%
23.5%	48.5	48.3	-0.2	-0.4%
24.7%	48.5	48.3	-0.2	-0.4%
25.9%	48.4	48.3	-0.1	-0.2%
27.2%	48.3	48.1	-0.2	-0.4%
28.4%	48.2	48.1	-0.1	-0.2%
29.6%	48.2	48.1	-0.1	-0.2%
30.9%	48.1	48.1	0.0	0.0%
32.1%	48.1	48.1	0.0	0.0%
33.3%	48.1	48.0	-0.1	-0.2%
34.6%	48.0	48.0	0.0	0.0%
35.8%	48.0	48.0	0.0	0.0%
37.0%	47.9	47.9	0.0	0.0%
38.3%	47.9	47.9	0.0	0.0%
39.5%	47.8	47.9	0.1	0.2%
40.7%	47.8	47.8	0.0	0.0%
42.0%	47.7	47.7	0.0	0.0%
43.2%	47.7	47.7	0.0	0.0%
44.4%	47.7	47.7	0.0	0.0%
45.7%	47.6	47.6	0.0	0.0%
46.9%	47.6	47.6	0.0	0.0%
48.1%	47.6	47.6	0.0	0.0%
49.4%	47.5	47.6	0.1	0.2%
50.6%	47.5	47.6	0.1	0.2%
51.9%	47.4	47.5	0.1	0.2%
53.1%	47.4	47.4	0.0	0.0%
54.3%	47.4	47.4	0.0	0.0%
55.6%	47.3	47.4	0.1	0.2%
56.8%	47.3	47.3	0.0	0.0%
58.0%	47.2	47.3	0.1	0.2%
59.3%	47.2	47.2	0.0	0.0%
60.5%	47.1	47.1	0.0	0.0%
61.7%	47.0	47.1	0.1	0.2%
63.0%	47.0	47.1	0.1	0.2%
64.2%	47.0	47.0	0.0	0.0%
65.4%	47.0	47.0	0.0	0.0%
66.7%	46.9	47.0	0.1	0.2%
67.9%	46.9	46.9	0.0	0.0%
69.1%	46.8	46.9	0.1	0.2%
70.4%	46.8	46.9	0.1	0.2%
71.6%	46.8	46.9	0.1	0.2%
72.8%	46.8	46.8	0.0	0.0%
74.1%	46.8	46.8	0.0	0.0%
75.3%	46.8	46.8	0.0	0.0%
76.5%	46.7	46.8	0.1	0.2%
77.8%	46.7	46.7	0.0	0.0%
79.0%	46.7	46.6	-0.1	-0.2%
80.2%	46.7	46.5	-0.2	-0.4%
81.5%	46.6	46.5	-0.1	-0.2%
82.7%	46.5	46.5	0.0	0.0%
84.0%	46.5	46.5	0.0	0.0%
85.2%	46.4	46.4	0.0	0.0%
86.4%	46.4	46.4	0.0	0.0%
87.7%	46.3	46.4	0.1	0.2%
88.9%	46.2	46.3	0.1	0.2%
90.1%	46.2	46.2	0.0	0.0%
91.4%	46.1	46.2	0.1	0.2%
92.6%	45.9	46.0	0.1	0.2%
93.8%	45.5	45.9	0.4	0.9%
95.1%	45.3	45.8	0.5	1.1%
96.3%	44.9	45.1	0.2	0.4%
97.5%	44.9	44.9	0.0	0.0%
98.8%	43.7	43.7	0.0	0.0%
100.0%	43.7	43.7	0.0	0.0%

Table SQ-15-3b

Feather River below Fish Barrier Dam, Monthly Temperature

Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	51.8	51.8	0.0	0.0%
1.2%	51.3	50.8	-0.5	-1.0%
2.5%	50.8	50.7	-0.1	-0.2%
3.7%	50.6	50.5	-0.1	-0.2%
4.9%	50.5	50.5	0.0	0.0%
6.2%	50.5	50.0	-0.5	-1.0%
7.4%	50.4	50.0	-0.4	-0.8%
8.6%	50.3	50.0	-0.3	-0.6%
9.9%	50.1	50.0	-0.1	-0.2%
11.1%	50.1	50.0	-0.1	-0.2%
12.3%	50.0	50.0	0.0	0.0%
13.6%	50.0	49.9	-0.1	-0.2%
14.8%	49.9	49.9	0.0	0.0%
16.0%	49.9	49.8	-0.1	-0.2%
17.3%	49.9	49.8	-0.1	-0.2%
18.5%	49.8	49.7	-0.1	-0.2%
19.8%	49.7	49.6	-0.1	-0.2%
21.0%	49.7	49.6	-0.1	-0.2%
22.2%	49.6	49.6	0.0	0.0%
23.5%	49.5	49.5	0.0	0.0%
24.7%	49.4	49.5	0.1	0.2%
25.9%	49.3	49.4	0.1	0.2%
27.2%	49.3	49.4	0.1	0.2%
28.4%	49.3	49.3	0.0	0.0%
29.6%	49.2	49.2	0.0	0.0%
30.9%	49.2	49.2	0.0	0.0%
32.1%	49.2	49.2	0.0	0.0%
33.3%	49.2	49.2	0.0	0.0%
34.6%	49.0	49.2	0.2	0.4%
35.8%	49.0	49.1	0.1	0.2%
37.0%	48.9	49.0	0.1	0.2%
38.3%	48.8	48.8	0.0	0.0%
39.5%	48.7	48.7	0.0	0.0%
40.7%	48.7	48.7	0.0	0.0%
42.0%	48.7	48.7	0.0	0.0%
43.2%	48.7	48.6	-0.1	-0.2%
44.4%	48.6	48.6	0.0	0.0%
45.7%	48.6	48.5	-0.1	-0.2%
46.9%	48.5	48.4	-0.1	-0.2%
48.1%	48.5	48.4	-0.1	-0.2%
49.4%	48.4	48.4	0.0	0.0%
50.6%	48.4	48.3	-0.1	-0.2%
51.9%	48.3	48.3	0.0	0.0%
53.1%	48.3	48.2	-0.1	-0.2%
54.3%	48.2	48.2	0.0	0.0%
55.6%	48.1	48.2	0.1	0.2%
56.8%	48.0	48.1	0.1	0.2%
58.0%	47.9	48.0	0.1	0.2%
59.3%	47.9	48.0	0.1	0.2%
60.5%	47.9	47.9	0.0	0.0%
61.7%	47.9	47.9	0.0	0.0%
63.0%	47.9	47.8	-0.1	-0.2%
64.2%	47.8	47.8	0.0	0.0%
65.4%	47.7	47.8	0.1	0.2%
66.7%	47.6	47.7	0.1	0.2%
67.9%	47.6	47.7	0.1	0.2%
69.1%	47.5	47.7	0.2	0.4%
70.4%	47.5	47.5	0.0	0.0%
71.6%	47.4	47.5	0.1	0.2%
72.8%	47.4	47.4	0.0	0.0%
74.1%	47.3	47.4	0.1	0.2%
75.3%	47.3	47.3	0.0	0.0%
76.5%	47.2	47.2	0.0	0.0%
77.8%	47.2	47.2	0.0	0.0%
79.0%	47.2	47.1	-0.1	-0.2%
80.2%	47.1	47.0	-0.1	-0.2%
81.5%	47.1	47.0	-0.1	-0.2%
82.7%	47.0	47.0	0.0	0.0%
84.0%	47.0	46.9	-0.1	-0.2%
85.2%	47.0	46.9	-0.1	-0.2%
86.4%	46.9	46.7	-0.2	-0.4%
87.7%	46.9	46.6	-0.3	-0.6%
88.9%	46.6	46.6	0.0	0.0%
90.1%	46.5	46.5	0.0	0.0%
91.4%	46.4	46.4	0.0	0.0%
92.6%	46.3	46.3	0.0	0.0%
93.8%	46.3	46.3	0.0	0.0%
95.1%	46.3	46.3	0.0	0.0%
96.3%	46.2	46.2	0.0	0.0%
97.5%	46.1	46.1	0.0	0.0%
98.8%	46.1	46.1	0.0	0.0%
100.0%	46.1	46.1	0.0	0.0%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	55.6	54.4	-1.2	-2.2%
1.2%	53.4	53.5	0.1	0.2%
2.5%	53.3	53.4	0.1	0.2%
3.7%	53.3	53.3	0.0	0.0%
4.9%	53.2	53.2	0.0	0.0%
6.2%	53.2	53.2	0.0	0.0%
7.4%	52.9	52.8	-0.1	-0.2%
8.6%	52.8	52.8	0.0	0.0%
9.9%	52.4	52.7	0.3	0.6%
11.1%	52.2	52.5	0.3	0.6%
12.3%	51.9	52.3	0.4	0.8%
13.6%	51.8	52.1	0.3	0.6%
14.8%	51.5	51.9	0.4	0.8%
16.0%	51.5	51.4	-0.1	-0.2%
17.3%	51.4	51.4	0.0	0.0%
18.5%	51.4	51.3	-0.1	-0.2%
19.8%	51.3	51.1	-0.2	-0.4%
21.0%	51.3	51.1	-0.2	-0.4%
22.2%	51.2	50.9	-0.3	-0.6%
23.5%	51.1	50.8	-0.3	-0.6%
24.7%	50.9	50.7	-0.2	-0.4%
25.9%	50.9	50.7	-0.2	-0.4%
27.2%	50.7	50.6	-0.1	-0.2%
28.4%	50.7	50.5	-0.2	-0.4%
29.6%	50.5	50.3	-0.2	-0.4%
30.9%	50.5	50.3	-0.2	-0.4%
32.1%	50.4	50.3	-0.1	-0.2%
33.3%	50.3	50.3	0.0	0.0%
34.6%	50.3	50.3	0.0	0.0%
35.8%	50.3	49.9	-0.4	-0.8%
37.0%	50.2	49.9	-0.3	-0.6%
38.3%	50.0	49.9	-0.1	-0.2%
39.5%	50.0	49.8	-0.2	-0.4%
40.7%	49.9	49.8	-0.1	-0.2%
42.0%	49.9	49.7	-0.2	-0.4%
43.2%	49.9	49.7	-0.2	-0.4%
44.4%	49.8	49.7	-0.1	-0.2%
45.7%	49.7	49.7	0.0	0.0%
46.9%	49.7	49.5	-0.2	-0.4%
48.1%	49.6	49.5	-0.1	-0.2%
49.4%	49.5	49.5	0.0	0.0%
50.6%	49.5	49.5	0.0	0.0%
51.9%	49.4	49.4	0.0	0.0%
53.1%	49.3	49.3	0.0	0.0%
54.3%	49.3	49.3	0.0	0.0%
55.6%	49.3	49.3	0.0	0.0%
56.8%	49.2	49.2	0.0	0.0%
58.0%	49.2	49.2	0.0	0.0%
59.3%	49.1	49.1	0.0	0.0%
60.5%	49.1	49.1	0.0	0.0%
61.7%	49.1	49.0	-0.1	-0.2%
63.0%	49.1	48.9	-0.2	-0.4%
64.2%	49.0	48.8	-0.2	-0.4%
65.4%	48.9	48.7	-0.2	-0.4%
66.7%	48.8	48.7	-0.1	-0.2%
67.9%	48.8	48.6	-0.2	-0.4%
69.1%	48.7	48.6	-0.1	-0.2%
70.4%	48.6	48.6	0.0	0.0%
71.6%	48.6	48.6	0.0	0.0%
72.8%	48.6	48.5	-0.1	-0.2%
74.1%	48.6	48.5	-0.1	-0.2%
75.3%	48.5	48.5	0.0	0.0%
76.5%	48.4	48.5	0.1	0.2%
77.8%	48.3	48.4	0.1	0.2%
79.0%	48.3	48.4	0.1	0.2%
80.2%	48.3	48.3	0.0	0.0%
81.5%	48.3	48.2	-0.1	-0.2%
82.7%	48.2	48.0	-0.2	-0.4%
84.0%	48.1	48.0	-0.1	-0.2%
85.2%	48.1	48.0	-0.1	-0.2%
86.4%	48.0	47.9	-0.1	-0.2%
87.7%	47.9	47.9	0.0	0.0%
88.9%	47.9	47.9	0.0	0.0%
90.1%	47.9	47.9	0.0	0.0%
91.4%	47.8	47.8	0.0	0.0%
92.6%	47.8	47.8	0.0	0.0%
93.8%	47.7	47.7	0.0	0.0%
95.1%	47.7	47.7	0.0	0.0%
96.3%	47.6	47.6	0.0	0.0%
97.5%	47.6	47.5	-0.1	-0.2%
98.8%	47.3	47.3	0.0	0.0%
100.0%	47.3	47.3	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.3	54.3	0.0	0.0%
1.2%	53.9	53.8	-0.1	-0.2%
2.5%	53.8	53.8	0.0	0.0%
3.7%	53.0	52.9	-0.1	-0.2%
4.9%	52.9	52.8	-0.1	-0.2%
6.2%	52.8	52.8	0.0	0.0%
7.4%	52.8	52.7	-0.1	-0.2%
8.6%	52.8	52.6	-0.2	-0.4%
9.9%	52.5	52.6	0.1	0.2%
11.1%	52.5	52.5	0.0	0.0%
12.3%	52.3	52.5	0.2	0.4%
13.6%	52.2	52.5	0.3	0.6%
14.8%	52.2	52.3	0.1	0.2%
16.0%	52.2	52.2	0.0	0.0%
17.3%	52.1	52.2	0.1	0.2%
18.5%	52.1	52.1	0.0	0.0%
19.8%	52.0	52.1	0.1	0.2%
21.0%	52.0	52.1	0.1	0.2%
22.2%	52.0	52.0	0.0	0.0%
23.5%	51.9	52.0	0.1	0.2%
24.7%	51.9	52.0	0.1	0.2%
25.9%	51.8	52.0	0.2	0.4%
27.2%	51.8	51.9	0.1	0.2%
28.4%	51.8	51.9	0.1	0.2%
29.6%	51.8	51.8	0.0	0.0%
30.9%	51.8	51.8	0.0	0.0%
32.1%	51.8	51.8	0.0	0.0%
33.3%	51.7	51.8	0.1	0.2%
34.6%	51.7	51.8	0.1	0.2%
35.8%	51.7	51.7	0.0	0.0%
37.0%	51.7	51.7	0.0	0.0%
38.3%	51.7	51.7	0.0	0.0%
39.5%	51.6	51.7	0.1	0.2%
40.7%	51.6	51.7	0.1	0.2%
42.0%	51.6	51.6	0.0	0.0%
43.2%	51.6	51.6	0.0	0.0%
44.4%	51.5	51.6	0.1	0.2%
45.7%	51.5	51.6	0.1	0.2%
46.9%	51.5	51.6	0.1	0.2%
48.1%	51.5	51.5	0.0	0.0%
49.4%	51.4	51.5	0.1	0.2%
50.6%	51.4	51.4	0.0	0.0%
51.9%	51.4	51.4	0.0	0.0%
53.1%	51.3	51.4	0.1	0.2%
54.3%	51.3	51.3	0.0	0.0%
55.6%	51.2	51.3	0.1	0.2%
56.8%	51.2	51.3	0.1	0.2%
58.0%	51.2	51.2	0.0	0.0%
59.3%	51.1	51.2	0.1	0.2%
60.5%	51.1	51.1	0.0	0.0%
61.7%	51.0	51.1	0.1	0.2%
63.0%	51.0	51.1	0.1	0.2%
64.2%	51.0	51.0	0.0	0.0%
65.4%	50.9	51.0	0.1	0.2%
66.7%	50.9	51.0	0.1	0.2%
67.9%	50.9	50.9	0.0	0.0%
69.1%	50.9	50.9	0.0	0.0%
70.4%	50.8	50.9	0.1	0.2%
71.6%	50.8	50.8	0.0	0.0%
72.8%	50.7	50.7	0.0	0.0%
74.1%	50.7	50.7	0.0	0.0%
75.3%	50.6	50.6	0.0	0.0%
76.5%	50.6	50.6	0.0	0.0%
77.8%	50.6	50.6	0.0	0.0%
79.0%	50.5	50.5	0.0	0.0%
80.2%	50.4	50.4	0.0	0.0%
81.5%	50.4	50.4	0.0	0.0%
82.7%	50.3	50.3	0.0	0.0%
84.0%	50.2	50.2	0.0	0.0%
85.2%	50.2	50.2	0.0	0.0%
86.4%	50.2	50.2	0.0	0.0%
87.7%	50.2	50.2	0.0	0.0%
88.9%	50.0	50.0	0.0	0.0%
90.1%	50.0	50.0	0.0	0.0%
91.4%	49.9	49.9	0.0	0.0%
92.6%	49.8	49.8	0.0	0.0%
93.8%	49.8	49.8	0.0	0.0%
95.1%	49.8	49.8	0.0	0.0%
96.3%	49.7	49.7	0.0	0.0%
97.5%	49.6	49.6	0.0	0.0%
98.8%	49.6	49.6	0.0	0.0%
100.0%	49.6	49.6	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	57.1	57.5	0.4	0.7%
1.2%	57.0	57.0	0.0	0.0%
2.5%	56.7	57.0	0.3	0.5%
3.7%	56.7	56.9	0.2	0.4%
4.9%	56.7	56.9	0.2	0.4%
6.2%	56.6	56.7	0.1	0.2%
7.4%	56.6	56.6	0.0	0.0%
8.6%	56.6	56.6	0.0	0.0%
9.9%	56.4	56.6	0.2	0.4%
11.1%	56.4	56.5	0.1	0.2%
12.3%	56.4	56.4	0.0	0.0%
13.6%	56.4	56.4	0.0	0.0%
14.8%	56.4	56.4	0.0	0.0%
16.0%	56.4	56.4	0.0	0.0%
17.3%	56.3	56.4	0.1	0.2%
18.5%	56.3	56.3	0.0	0.0%
19.8%	56.2	56.3	0.1	0.2%
21.0%	56.2	56.2	0.0	0.0%
22.2%	56.2	56.2	0.0	0.0%
23.5%	56.1	56.2	0.1	0.2%
24.7%	56.1	56.2	0.1	0.2%
25.9%	56.1	56.1	0.0	0.0%
27.2%	56.1	56.1	0.0	0.0%
28.4%	56.1	56.1	0.0	0.0%
29.6%	56.1	56.1	0.0	0.0%
30.9%	56.1	56.1	0.0	0.0%
32.1%	56.0	56.1	0.1	0.2%
33.3%	56.0	56.1	0.1	0.2%
34.6%	55.9	56.0	0.1	0.2%
35.8%	55.9	56.0	0.1	0.2%
37.0%	55.9	56.0	0.1	0.2%
38.3%	55.8	55.9	0.1	0.2%
39.5%	55.8	55.9	0.1	0.2%
40.7%	55.8	55.8	0.0	0.0%
42.0%	55.8	55.8	0.0	0.0%
43.2%	55.7	55.8	0.1	0.2%
44.4%	55.7	55.8	0.1	0.2%
45.7%	55.7	55.7	0.0	0.0%
46.9%	55.7	55.7	0.0	0.0%
48.1%	55.7	55.7	0.0	0.0%
49.4%	55.6	55.7	0.1	0.2%
50.6%	55.6	55.7	0.1	0.2%
51.9%	55.6	55.7	0.1	0.2%
53.1%	55.6	55.7	0.1	0.2%
54.3%	55.6	55.6	0.0	0.0%
55.6%	55.6	55.6	0.0	0.0%
56.8%	55.6	55.6	0.0	0.0%
58.0%	55.5	55.6	0.1	0.2%
59.3%	55.5	55.6	0.1	0.2%
60.5%	55.4	55.5	0.1	0.2%
61.7%	55.4	55.5	0.1	0.2%
63.0%	55.4	55.5	0.1	0.2%
64.2%	55.3	55.4	0.1	0.2%
65.4%	55.2	55.2	0.0	0.0%
66.7%	55.2	55.2	0.0	0.0%
67.9%	55.2	55.2	0.0	0.0%
69.1%	55.1	55.1	0.0	0.0%
70.4%	55.1	55.1	0.0	0.0%
71.6%	55.0	55.1	0.1	0.2%
72.8%	54.8	54.8	0.0	0.0%
74.1%	54.7	54.8	0.1	0.2%
75.3%	54.7	54.7	0.0	0.0%
76.5%	54.6	54.6	0.0	0.0%
77.8%	54.6	54.6	0.0	0.0%
79.0%	54.5	54.5	0.0	0.0%
80.2%	54.5	54.5	0.0	0.0%
81.5%	54.5	54.4	-0.1	-0.2%
82.7%	54.4	54.4	0.0	0.0%
84.0%	54.4	54.4	0.0	0.0%
85.2%	54.4	54.4	0.0	0.0%
86.4%	54.3	54.3	0.0	0.0%
87.7%	54.3	54.3	0.0	0.0%
88.9%	54.3	54.3	0.0	0.0%
90.1%	54.2	54.2	0.0	0.0%
91.4%	54.2	54.2	0.0	0.0%
92.6%	54.1	54.1	0.0	0.0%
93.8%	54.0	54.0	0.0	0.0%
95.1%	54.0	54.0	0.0	0.0%
96.3%	54.0	54.0	0.0	0.0%
97.5%	54.0	54.0	0.0	0.0%
98.8%	53.6	53.6	0.0	0.0%
100.0%	53.6	53.6	0.0	0.0%

Table SQ-15-3b

Feather River below Fish Barrier Dam, Monthly Temperature
Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.0	58.9	-0.1	-0.2%
1.2%	58.7	58.8	0.1	0.2%
2.5%	58.5	58.6	0.1	0.2%
3.7%	58.5	58.3	-0.2	-0.3%
4.9%	58.4	58.3	-0.1	-0.2%
6.2%	58.3	58.3	0.0	0.0%
7.4%	58.3	58.2	-0.1	-0.2%
8.6%	58.2	58.2	0.0	0.0%
9.9%	58.2	58.1	-0.1	-0.2%
11.1%	58.2	58.1	-0.1	-0.2%
12.3%	58.1	58.1	0.0	0.0%
13.6%	58.1	58.1	0.0	0.0%
14.8%	58.1	58.1	0.0	0.0%
16.0%	58.1	58.1	0.0	0.0%
17.3%	58.1	58.1	0.0	0.0%
18.5%	58.1	58.1	0.0	0.0%
19.8%	58.1	58.1	0.0	0.0%
21.0%	58.1	58.0	-0.1	-0.2%
22.2%	58.1	58.0	-0.1	-0.2%
23.5%	58.1	58.0	-0.1	-0.2%
24.7%	58.1	58.0	-0.1	-0.2%
25.9%	58.0	58.0	0.0	0.0%
27.2%	58.0	58.0	0.0	0.0%
28.4%	58.0	57.9	-0.1	-0.2%
29.6%	58.0	57.9	-0.1	-0.2%
30.9%	57.9	57.9	0.0	0.0%
32.1%	57.9	57.8	-0.1	-0.2%
33.3%	57.9	57.8	-0.1	-0.2%
34.6%	57.8	57.8	0.0	0.0%
35.8%	57.8	57.8	0.0	0.0%
37.0%	57.8	57.7	-0.1	-0.2%
38.3%	57.8	57.7	-0.1	-0.2%
39.5%	57.7	57.7	0.0	0.0%
40.7%	57.7	57.7	0.0	0.0%
42.0%	57.7	57.7	0.0	0.0%
43.2%	57.7	57.7	0.0	0.0%
44.4%	57.6	57.6	0.0	0.0%
45.7%	57.6	57.6	0.0	0.0%
46.9%	57.6	57.6	0.0	0.0%
48.1%	57.6	57.6	0.0	0.0%
49.4%	57.6	57.6	0.0	0.0%
50.6%	57.6	57.5	-0.1	-0.2%
51.9%	57.6	57.5	-0.1	-0.2%
53.1%	57.5	57.4	-0.1	-0.2%
54.3%	57.5	57.4	-0.1	-0.2%
55.6%	57.5	57.4	-0.1	-0.2%
56.8%	57.5	57.4	-0.1	-0.2%
58.0%	57.5	57.4	-0.1	-0.2%
59.3%	57.5	57.4	-0.1	-0.2%
60.5%	57.5	57.4	-0.1	-0.2%
61.7%	57.5	57.4	-0.1	-0.2%
63.0%	57.4	57.4	0.0	0.0%
64.2%	57.4	57.3	-0.1	-0.2%
65.4%	57.4	57.3	-0.1	-0.2%
66.7%	57.4	57.3	-0.1	-0.2%
67.9%	57.4	57.3	-0.1	-0.2%
69.1%	57.4	57.3	-0.1	-0.2%
70.4%	57.4	57.3	-0.1	-0.2%
71.6%	57.4	57.3	-0.1	-0.2%
72.8%	57.3	57.2	-0.1	-0.2%
74.1%	57.3	57.2	-0.1	-0.2%
75.3%	57.2	57.2	0.0	0.0%
76.5%	57.2	57.2	0.0	0.0%
77.8%	57.1	57.1	0.0	0.0%
79.0%	57.1	57.1	0.0	0.0%
80.2%	57.1	57.1	0.0	0.0%
81.5%	57.1	57.1	0.0	0.0%
82.7%	57.1	57.1	0.0	0.0%
84.0%	57.1	57.1	0.0	0.0%
85.2%	57.1	57.0	-0.1	-0.2%
86.4%	57.0	57.0	0.0	0.0%
87.7%	57.0	56.9	-0.1	-0.2%
88.9%	56.9	56.9	0.0	0.0%
90.1%	56.9	56.9	0.0	0.0%
91.4%	56.9	56.8	-0.1	-0.2%
92.6%	56.7	56.7	0.0	0.0%
93.8%	56.7	56.6	-0.1	-0.2%
95.1%	56.5	56.5	0.0	0.0%
96.3%	56.3	56.3	0.0	0.0%
97.5%	56.3	56.3	0.0	0.0%
98.8%	56.1	56.1	0.0	0.0%
100.0%	56.1	56.1	0.0	0.0%

July				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	64.7	64.7	0.0	0.0%
1.2%	63.1	63.4	0.3	0.5%
2.5%	62.8	62.2	-0.6	-1.0%
3.7%	62.4	62.1	-0.3	-0.5%
4.9%	62.3	62.0	-0.3	-0.5%
6.2%	62.1	61.9	-0.2	-0.3%
7.4%	61.9	61.7	-0.2	-0.3%
8.6%	61.9	61.7	-0.2	-0.3%
9.9%	61.6	61.5	-0.1	-0.2%
11.1%	61.5	61.5	0.0	0.0%
12.3%	61.5	61.3	-0.2	-0.3%
13.6%	61.4	61.3	-0.1	-0.2%
14.8%	61.3	61.2	-0.1	-0.2%
16.0%	61.3	61.2	-0.1	-0.2%
17.3%	61.3	61.2	-0.1	-0.2%
18.5%	61.2	61.1	-0.1	-0.2%
19.8%	61.2	61.1	-0.1	-0.2%
21.0%	61.1	61.1	0.0	0.0%
22.2%	61.1	61.1	0.0	0.0%
23.5%	61.1	61.1	0.0	0.0%
24.7%	61.0	61.1	0.1	0.2%
25.9%	61.0	61.1	0.1	0.2%
27.2%	61.0	61.0	0.0	0.0%
28.4%	61.0	61.0	0.0	0.0%
29.6%	61.0	61.0	0.0	0.0%
30.9%	61.0	61.0	0.0	0.0%
32.1%	61.0	61.0	0.0	0.0%
33.3%	61.0	61.0	0.0	0.0%
34.6%	61.0	61.0	0.0	0.0%
35.8%	61.0	61.0	0.0	0.0%
37.0%	60.9	60.9	0.0	0.0%
38.3%	60.9	60.9	0.0	0.0%
39.5%	60.9	60.9	0.0	0.0%
40.7%	60.9	60.9	0.0	0.0%
42.0%	60.9	60.9	0.0	0.0%
43.2%	60.9	60.9	0.0	0.0%
44.4%	60.9	60.9	0.0	0.0%
45.7%	60.9	60.9	0.0	0.0%
46.9%	60.9	60.9	0.0	0.0%
48.1%	60.9	60.9	0.0	0.0%
49.4%	60.9	60.9	0.0	0.0%
50.6%	60.9	60.9	0.0	0.0%
51.9%	60.9	60.9	0.0	0.0%
53.1%	60.9	60.9	0.0	0.0%
54.3%	60.8	60.9	0.1	0.2%
55.6%	60.8	60.8	0.0	0.0%
56.8%	60.8	60.8	0.0	0.0%
58.0%	60.8	60.8	0.0	0.0%
59.3%	60.8	60.8	0.0	0.0%
60.5%	60.8	60.8	0.0	0.0%
61.7%	60.8	60.8	0.0	0.0%
63.0%	60.7	60.8	0.1	0.2%
64.2%	60.7	60.8	0.1	0.2%
65.4%	60.7	60.7	0.0	0.0%
66.7%	60.7	60.7	0.0	0.0%
67.9%	60.7	60.7	0.0	0.0%
69.1%	60.7	60.7	0.0	0.0%
70.4%	60.7	60.7	0.0	0.0%
71.6%	60.7	60.7	0.0	0.0%
72.8%	60.7	60.7	0.0	0.0%
74.1%	60.7	60.7	0.0	0.0%
75.3%	60.7	60.7	0.0	0.0%
76.5%	60.7	60.7	0.0	0.0%
77.8%	60.7	60.6	-0.1	-0.2%
79.0%	60.6	60.6	0.0	0.0%
80.2%	60.6	60.6	0.0	0.0%
81.5%	60.6	60.6	0.0	0.0%
82.7%	60.6	60.6	0.0	0.0%
84.0%	60.6	60.6	0.0	0.0%
85.2%	60.6	60.6	0.0	0.0%
86.4%	60.6	60.6	0.0	0.0%
87.7%	60.6	60.6	0.0	0.0%
88.9%	60.6	60.6	0.0	0.0%
90.1%	60.5	60.5	0.0	0.0%
91.4%	60.5	60.5	0.0	0.0%
92.6%	60.5	60.5	0.0	0.0%
93.8%	60.5	60.5	0.0	0.0%
95.1%	60.5	60.5	0.0	0.0%
96.3%	60.5	60.5	0.0	0.0%
97.5%	60.5	60.5	0.0	0.0%
98.8%	60.4	60.3	-0.1	-0.2%
100.0%	60.4	60.3	-0.1	-0.2%

August				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	63.6	65.0	1.4	2.2%
1.2%	63.1	64.5	1.4	2.2%
2.5%	62.9	63.8	0.9	1.4%
3.7%	62.9	63.6	0.7	1.1%
4.9%	62.9	63.1	0.2	0.3%
6.2%	62.7	62.6	-0.1	-0.2%
7.4%	62.6	62.4	-0.2	-0.3%
8.6%	62.4	62.2	-0.2	-0.3%
9.9%	62.3	61.7	-0.6	-1.0%
11.1%	62.2	61.6	-0.6	-1.0%
12.3%	62.2	61.5	-0.7	-1.1%
13.6%	62.0	61.2	-0.8	-1.3%
14.8%	61.9	61.2	-0.7	-1.1%
16.0%	61.7	61.0	-0.7	-1.1%
17.3%	61.6	61.0	-0.6	-1.0%
18.5%	61.6	61.0	-0.6	-1.0%
19.8%	61.5	60.9	-0.6	-1.0%
21.0%	61.5	60.9	-0.6	-1.0%
22.2%	61.5	60.8	-0.7	-1.1%
23.5%	61.4	60.8	-0.6	-1.0%
24.7%	61.3	60.7	-0.6	-1.0%
25.9%	60.6	60.7	0.1	0.2%
27.2%	60.6	60.7	0.1	0.2%
28.4%	60.6	60.7	0.1	0.2%
29.6%	60.5	60.7	0.2	0.3%
30.9%	60.5	60.7	0.2	0.3%
32.1%	60.3	60.6	0.3	0.5%
33.3%	60.3	60.6	0.3	0.5%
34.6%	60.3	60.6	0.3	0.5%
35.8%	60.3	60.5	0.2	0.3%
37.0%	60.3	60.5	0.2	0.3%
38.3%	60.3	60.5	0.2	0.3%
39.5%	60.2	60.5	0.3	0.5%
40.7%	60.2	60.3	0.1	0.2%
42.0%	60.2	60.3	0.1	0.2%
43.2%	60.1	60.2	0.1	0.2%
44.4%	60.1	60.1	0.0	0.0%
45.7%	60.1	60.1	0.0	0.0%
46.9%	60.1	60.0	-0.1	-0.2%
48.1%	60.1	60.0	-0.1	-0.2%
49.4%	60.1	60.0	-0.1	-0.2%
50.6%	60.0	60.0	0.0	0.0%
51.9%	60.0	60.0	0.0	0.0%
53.1%	60.0	60.0	0.0	0.0%
54.3%	60.0	59.9	-0.1	-0.2%
55.6%	60.0	59.9	-0.1	-0.2%
56.8%	60.0	59.9	-0.1	-0.2%
58.0%	59.9	59.9	0.0	0.0%
59.3%	59.9	59.9	0.0	0.0%
60.5%	59.9	59.9	0.0	0.0%
61.7%	59.9	59.9	0.0	0.0%
63.0%	59.9	59.9	0.0	0.0%
64.2%	59.9	59.9	0.0	0.0%
65.4%	59.9	59.9	0.0	0.0%
66.7%	59.8	59.8	0.0	0.0%
67.9%	59.8	59.8	0.0	0.0%
69.1%	59.8	59.8	0.0	0.0%
70.4%	59.8	59.8	0.0	0.0%
71.6%	59.8	59.8	0.0	0.0%
72.8%	59.7	59.8	0.1	0.2%
74.1%	59.7	59.7	0.0	0.0%
75.3%	59.7	59.7	0.0	0.0%
76.5%	59.7	59.7	0.0	0.0%
77.8%	59.7	59.7	0.0	0.0%
79.0%	59.7	59.7	0.0	0.0%
80.2%	59.6	59.7	0.1	0.2%
81.5%	59.6	59.7	0.1	0.2%
82.7%	59.6	59.7	0.1	0.2%
84.0%	59.6	59.7	0.1	0.2%
85.2%	59.6	59.7	0.1	0.2%
86.4%	59.6	59.6	0.0	0.0%
87.7%	59.6	59.6	0.0	0.0%
88.9%	59.5	59.6	0.1	0.2%
90.1%	59.5	59.5	0.0	0.0%
91.4%	59.5	59.5	0.0	0.0%
92.6%	59.5	59.5	0.0	0.0%
93.8%	59.5	59.5	0.0	0.0%
95.1%	59.5	59.5	0.0	0.0%
96.3%	59.5	59.5	0.0	0.0%
97.5%	59.5	59.4	-0.1	-0.2%
98.8%	59.5	59.4	-0.1	-0.2%
100.0%	59.5	59.4	-0.1	-0.2%

September				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.0	59.9	-0.1	-0.2%
1.2%	58.7	58.9	0.2	0.3%
2.5%	58.1	58.3	0.2	0.3%
3.7%	57.9	57.8	-0.1	-0.2%
4.9%	57.7	57.8	0.1	0.2%
6.2%	57.7	57.5	-0.2	-0.3%
7.4%	57.7	57.4	-0.3	-0.5%
8.6%	56.8	57.1	0.3	0.5%
9.9%	56.8	56.6	-0.2	-0.4%
11.1%	56.7	56.6	-0.1	-0.2%
12.3%	56.7	56.5	-0.2	-0.4%
13.6%	56.6	56.4	-0.2	-0.4%
14.8%	56.6	56.3	-0.3	-0.5%
16.0%	56.5	56.2	-0.3	-0.5%
17.3%	56.4	56.2	-0.2	-0.4%
18.5%	56.4	56.0	-0.4	-0.7%
19.8%	56.2	56.0	-0.2	-0.4%
21.0%	56.2	55.9	-0.3	-0.5%
22.2%	56.1	55.9	-0.2	-0.4%
23.5%	56.0	55.8	-0.2	-0.4%
24.7%	55.9	55.8	-0.1	-0.2%
25.9%	55.8	55.6	-0.2	-0.4%
27.2%	55.8	55.6	-0.2	-0.4%
28.4%	55.7	55.6	-0.1	-0.2%
29.6%	55.7	55.6	-0.1	-0.2%
30.9%	55.7	55.5	-0.2	-0.4%
32.1%	55.6	55.5	-0.1	-0.2%
33.3%	55.6	55.4	-0.2	-0.4%
34.6%	55.5	55.4	-0.1	-0.2%
35.8%	55.5	55.4	-0.1	-0.2%
37.0%	55.5	55.4	-0.1	-0.2%
38.3%	55.5	55.3	-0.2	-0.4%
39.5%	55.4	55.3	-0.1	-0.2%
40.7%	55.4	55.3	-0.1	-0.2%
42.0%	55.4	55.3	-0.1	-0.2%
43.2%	55.4	55.3	-0.1	-0.2%
44.4%	55.3	55.2	-0.1	-0.2%
45.7%	55.2	55.2	0.0	0.0%
46.9%	55.2	55.1	-0.1	-0.2%
48.1%	55.2	55.1	-0.1	-0.2%
49.4%	55.1	55.0	-0.1	-0.2%
50.6%	55.1	54.9	-0.2	-0.4%
51.9%	55.0	54.9	-0.1	-0.2%
53.1%	55.0	54.8	-0.2	-0.4%
54.3%	55.0	54.8	-0.2	-0.4%
55.6%	55.0	54.8	-0.2	-0.4%
56.8%	54.9	54.7	-0.2	-0.4%
58.0%	54.8	54.7	-0.1	-0.2%
59.3%	54.8	54.7	-0.1	-0.2%
60.5%	54.8	54.6	-0.2	-0.4%
61.7%	54.8	54.6	-0.2	-0.4%
63.0%	54.7	54.6	-0.1	-0.2%
64.2%	54.7	54.6	-0.1	-0.2%
65.4%	54.7	54.6	-0.1	-0.2%
66.7%	54.6	54.6	0.0	0.0%
67.9%	54.6	54.5	-0.1	-0.2%
69.1%	54.6	54.5	-0.1	-0.2%
70.4%	54.6	54.5	-0.1	-0.2%
71.6%	54.5	54.5	0.0	0.0%
72.8%	54.5	54.5	0.0	0.0%
74.1%	54.5	54.4	-0.1	-0.2%
75.3%	54.5	54.4	-0.1	-0.2%
76.5%	54.5	54.4	-0.1	-0.2%
77.8%	54.4	54.4	0.0	0.0%
79.0%	54.4	54.4	0.0	0.0%
80.2%	54.4	54.4	0.0	0.0%
81.5%	54.4	54.4	0.0	0.0%
82.7%	54.3	54.3	0.0	0.0%
84.0%	54.3	54.3	0.0	0.0%
85.2%	54.2	54.3	0.1	0.2%
86.4%	54.2	54.2	0.0	0.0%
87.7%	54.2	54.2	0.0	0.0%
88.9%	54.2	54.2	0.0	0.0%
90.1%	54.2	54.2	0.0	0.0%
91.4%	54.2	54.2	0.0	0.0%
92.6%	54.2	54.1	-0.1	-0.2%
93.8%	54.1	54.1	0.0	0.0%
95.1%	54.1	54.1	0.0	0.0%
96.3%	54.1	54.1	0.0	0.0%
97.5%	54.1	54.0	-0.1	-0.2%
98.8%	53.9	53.9	0.0	0.0%
100.0%	53.9	53.9	0.0	0.0%

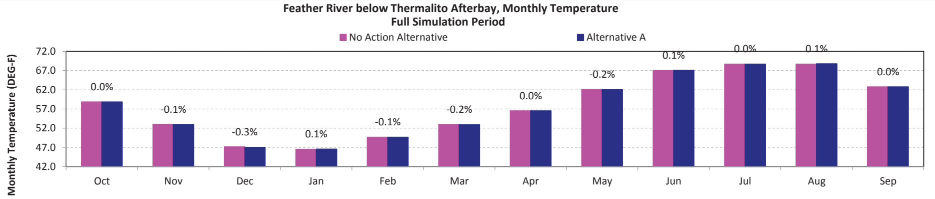
Table SQ-16-3a
Feather River below Thermalito Afterbay, Monthly Temperature
Long-term Average and Average by Water Year Type

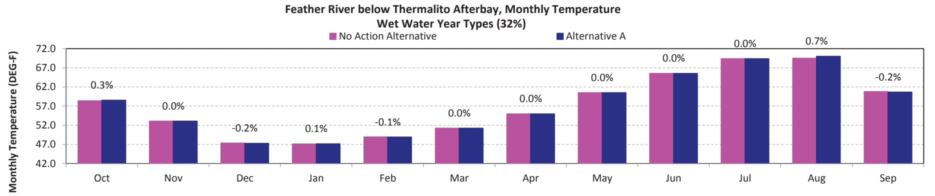
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	58.8	53.0	47.1	46.5	49.7	53.0	56.5	62.2	67.0	68.7	68.7	62.8
Alternative A	58.8	53.0	47.0	46.5	49.6	52.9	56.5	62.0	67.1	68.7	68.8	62.8
Difference	0.0	-0.1	-0.1	0.0	0.0	-0.1	0.0	-0.1	0.1	0.0	0.1	0.0
Percent Difference[3]	0.0%	-0.1%	-0.3%	0.1%	-0.1%	-0.2%	0.0%	-0.2%	0.1%	0.0%	0.1%	0.0%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	58.4	53.1	47.3	47.1	49.0	51.2	55.0	60.5	65.5	69.4	69.5	60.8
Alternative A	58.6	53.1	47.3	47.2	48.9	51.2	55.0	60.5	65.5	69.4	70.0	60.7
Difference	0.2	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	-0.1
Percent Difference	0.3%	0.0%	-0.2%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.7%	-0.2%
Above Normal (15%)												
No Action Alternative	58.4	51.9	46.7	46.6	49.4	52.6	57.1	62.7	67.3	67.6	67.3	61.3
Alternative A	58.5	51.9	46.6	46.6	49.4	52.2	57.1	62.7	67.5	67.6	67.6	61.2
Difference	0.1	0.0	-0.1	0.0	0.0	-0.3	0.0	0.0	0.2	-0.1	0.4	-0.2
Percent Difference	0.2%	0.0%	-0.3%	0.0%	0.0%	-0.6%	0.0%	0.0%	0.3%	-0.1%	0.5%	-0.3%
Below Normal (17%)												
No Action Alternative	59.4	53.1	46.5	46.2	49.6	53.7	57.4	62.6	67.4	68.0	68.0	65.2
Alternative A	59.5	53.1	46.4	46.1	49.6	53.6	57.4	62.6	67.5	68.0	68.3	65.0
Difference	0.1	0.0	0.0	-0.1	0.0	-0.1	0.0	-0.1	0.1	0.0	0.3	-0.1
Percent Difference	0.2%	0.0%	-0.1%	-0.2%	0.0%	-0.2%	0.1%	-0.1%	0.2%	0.0%	0.5%	-0.2%
Dry (22%)												
No Action Alternative	59.1	53.2	47.5	45.7	50.1	54.5	57.3	62.9	68.1	67.9	67.5	63.8
Alternative A	59.1	53.2	47.2	45.7	50.1	54.3	57.4	62.7	68.2	68.0	67.3	64.1
Difference	0.0	0.1	-0.3	0.0	0.0	-0.1	0.1	-0.1	0.1	0.1	-0.2	0.4
Percent Difference	0.0%	0.1%	-0.6%	0.0%	0.0%	-0.3%	0.1%	-0.2%	0.2%	0.1%	-0.3%	0.6%
Critical (15%)												
No Action Alternative	59.2	53.8	47.4	46.2	50.8	53.9	57.0	63.3	67.7	70.2	70.6	64.1
Alternative A	58.5	53.2	47.3	46.4	50.6	54.0	56.8	62.7	67.8	70.0	69.7	64.0
Difference	-0.7	-0.5	-0.1	0.2	-0.1	0.1	-0.3	-0.6	0.2	-0.2	-0.9	-0.1
Percent Difference	-1.2%	-1.0%	-0.3%	0.5%	-0.2%	0.1%	-0.5%	-0.9%	0.3%	-0.3%	-1.3%	-0.1%

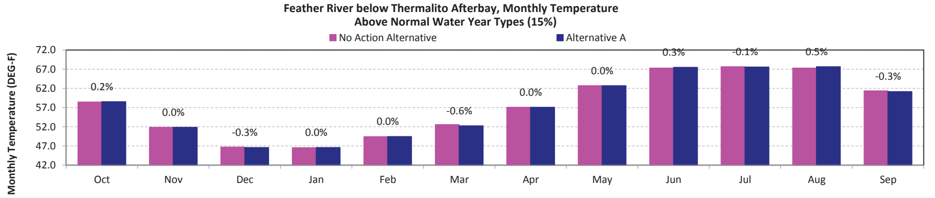
1 Based on the 82-year simulation period

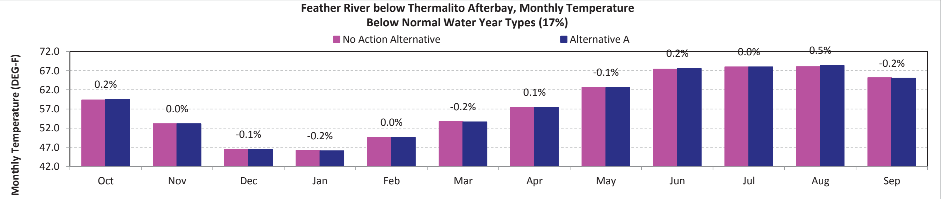
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

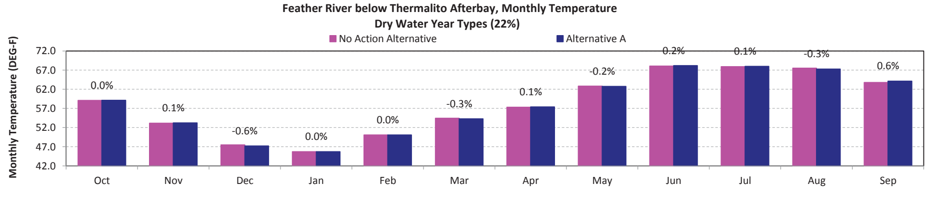
3 Relative difference of the monthly average


Feather River below Thermalito Afterbay, Monthly Temperature
Full Simulation Period


Feather River below Thermalito Afterbay, Monthly Temperature
Wet Water Year Types (32%)


Feather River below Thermalito Afterbay, Monthly Temperature
Above Normal Water Year Types (15%)


Feather River below Thermalito Afterbay, Monthly Temperature
Below Normal Water Year Types (17%)


Feather River below Thermalito Afterbay, Monthly Temperature
Dry Water Year Types (22%)

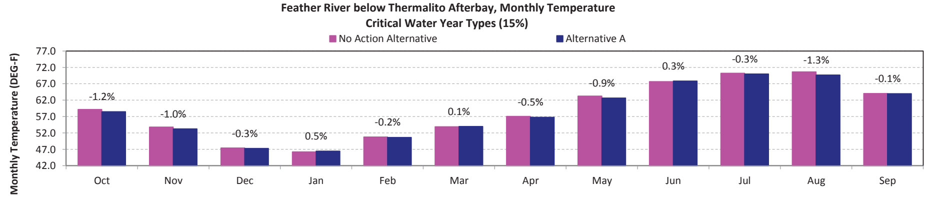

Feather River below Thermalito Afterbay, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-16-3b
Feather River below Thermalito Afterbay, Monthly Temperature
Probability of Exceedance

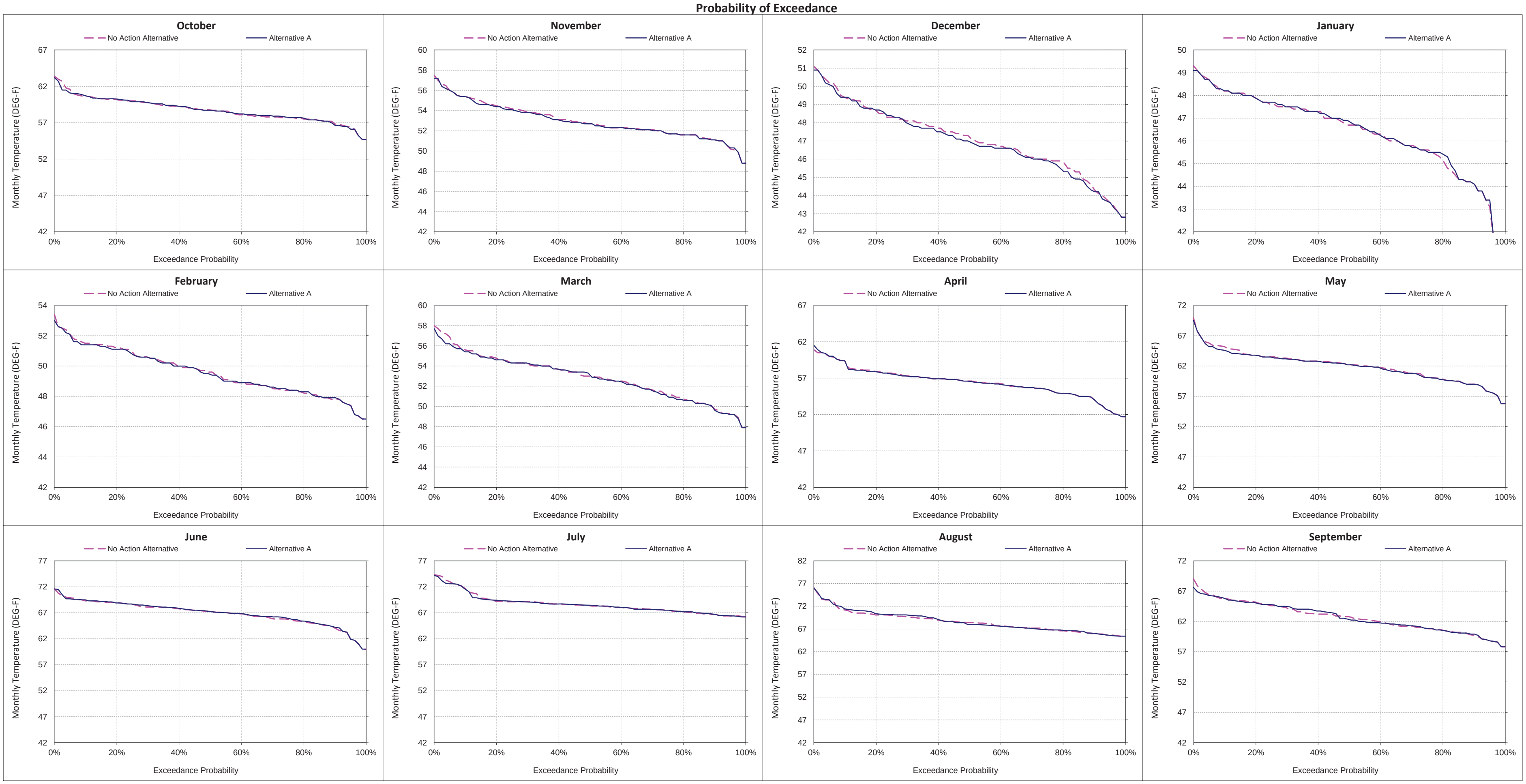


Table SQ-16-3b

Feather River below Thermalito Afterbay, Monthly Temperature
Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	63.4	63.2	-0.2	-0.3%
1.2%	63.0	62.7	-0.3	-0.5%
2.5%	62.7	61.5	-1.2	-1.9%
3.7%	61.8	61.5	-0.3	-0.5%
4.9%	61.6	61.1	-0.5	-0.8%
6.2%	61.0	61.0	0.0	0.0%
7.4%	60.8	61.0	0.2	0.3%
8.6%	60.7	60.9	0.2	0.3%
9.9%	60.6	60.7	0.1	0.2%
11.1%	60.6	60.6	0.0	0.0%
12.3%	60.5	60.4	-0.1	-0.2%
13.6%	60.3	60.4	0.1	0.2%
14.8%	60.3	60.3	0.0	0.0%
16.0%	60.3	60.3	0.0	0.0%
17.3%	60.2	60.3	0.1	0.2%
18.5%	60.2	60.3	0.1	0.2%
19.8%	60.2	60.3	0.1	0.2%
21.0%	60.1	60.2	0.1	0.2%
22.2%	60.1	60.1	0.0	0.0%
23.5%	60.0	60.1	0.1	0.2%
24.7%	60.0	59.9	-0.1	-0.2%
25.9%	60.0	59.9	-0.1	-0.2%
27.2%	59.9	59.9	0.0	0.0%
28.4%	59.8	59.9	0.1	0.2%
29.6%	59.8	59.8	0.0	0.0%
30.9%	59.7	59.7	0.0	0.0%
32.1%	59.6	59.6	0.0	0.0%
33.3%	59.5	59.6	0.1	0.2%
34.6%	59.4	59.6	0.2	0.3%
35.8%	59.4	59.4	0.0	0.0%
37.0%	59.3	59.4	0.1	0.2%
38.3%	59.3	59.4	0.1	0.2%
39.5%	59.2	59.3	0.1	0.2%
40.7%	59.2	59.2	0.0	0.0%
42.0%	59.2	59.2	0.0	0.0%
43.2%	59.0	59.1	0.1	0.2%
44.4%	59.0	58.9	-0.1	-0.2%
45.7%	58.9	58.8	-0.1	-0.2%
46.9%	58.8	58.8	0.0	0.0%
48.1%	58.8	58.7	-0.1	-0.2%
49.4%	58.8	58.7	-0.1	-0.2%
50.6%	58.7	58.7	0.0	0.0%
51.9%	58.7	58.6	-0.1	-0.2%
53.1%	58.6	58.6	0.0	0.0%
54.3%	58.6	58.6	0.0	0.0%
55.6%	58.6	58.4	-0.2	-0.3%
56.8%	58.3	58.4	0.1	0.2%
58.0%	58.2	58.3	0.1	0.2%
59.3%	58.1	58.2	0.1	0.2%
60.5%	58.1	58.2	0.1	0.2%
61.7%	58.0	58.1	0.1	0.2%
63.0%	58.0	58.1	0.1	0.2%
64.2%	57.9	58.1	0.2	0.3%
65.4%	57.9	58.0	0.1	0.2%
66.7%	57.9	58.0	0.1	0.2%
67.9%	57.8	58.0	0.2	0.3%
69.1%	57.8	58.0	0.2	0.3%
70.4%	57.8	57.9	0.1	0.2%
71.6%	57.8	57.9	0.1	0.2%
72.8%	57.7	57.9	0.2	0.3%
74.1%	57.7	57.8	0.1	0.2%
75.3%	57.7	57.7	0.0	0.0%
76.5%	57.7	57.7	0.0	0.0%
77.8%	57.6	57.7	0.1	0.2%
79.0%	57.6	57.7	0.1	0.2%
80.2%	57.5	57.6	0.1	0.2%
81.5%	57.5	57.4	-0.1	-0.2%
82.7%	57.4	57.4	0.0	0.0%
84.0%	57.4	57.4	0.0	0.0%
85.2%	57.3	57.3	0.0	0.0%
86.4%	57.3	57.2	-0.1	-0.2%
87.7%	57.2	57.2	0.0	0.0%
88.9%	57.2	57.0	-0.2	-0.3%
90.1%	56.8	56.6	-0.2	-0.4%
91.4%	56.8	56.6	-0.2	-0.4%
92.6%	56.6	56.5	-0.1	-0.2%
93.8%	56.5	56.5	0.0	0.0%
95.1%	56.5	56.1	-0.4	-0.7%
96.3%	56.1	56.1	0.0	0.0%
97.5%	55.2	55.2	0.0	0.0%
98.8%	54.7	54.7	0.0	0.0%
100.0%	54.7	54.7	0.0	0.0%

November

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	57.5	57.2	-0.3	-0.5%
1.2%	57.0	57.2	0.2	0.4%
2.5%	56.6	56.4	-0.2	-0.4%
3.7%	56.5	56.2	-0.3	-0.5%
4.9%	56.0	56.0	0.0	0.0%
6.2%	55.8	55.8	0.0	0.0%
7.4%	55.5	55.5	0.0	0.0%
8.6%	55.4	55.4	0.0	0.0%
9.9%	55.4	55.4	0.0	0.0%
11.1%	55.3	55.3	0.0	0.0%
12.3%	55.2	55.0	-0.2	-0.4%
13.6%	55.1	54.7	-0.4	-0.7%
14.8%	55.0	54.6	-0.4	-0.7%
16.0%	54.8	54.6	-0.2	-0.4%
17.3%	54.6	54.6	0.0	0.0%
18.5%	54.6	54.5	-0.1	-0.2%
19.8%	54.5	54.4	-0.1	-0.2%
21.0%	54.4	54.4	0.0	0.0%
22.2%	54.4	54.2	-0.2	-0.4%
23.5%	54.3	54.1	-0.2	-0.4%
24.7%	54.2	54.1	-0.1	-0.2%
25.9%	54.1	54.0	-0.1	-0.2%
27.2%	54.1	53.9	-0.2	-0.4%
28.4%	54.0	53.8	-0.2	-0.4%
29.6%	53.9	53.8	-0.1	-0.2%
30.9%	53.8	53.8	0.0	0.0%
32.1%	53.8	53.7	-0.1	-0.2%
33.3%	53.7	53.6	-0.1	-0.2%
34.6%	53.7	53.6	-0.1	-0.2%
35.8%	53.6	53.4	-0.2	-0.4%
37.0%	53.6	53.3	-0.3	-0.6%
38.3%	53.4	53.1	-0.3	-0.6%
39.5%	53.1	53.1	0.0	0.0%
40.7%	53.1	53.0	-0.1	-0.2%
42.0%	53.1	52.9	-0.2	-0.4%
43.2%	53.1	52.9	-0.2	-0.4%
44.4%	52.9	52.8	-0.1	-0.2%
45.7%	52.9	52.8	-0.1	-0.2%
46.9%	52.8	52.8	0.0	0.0%
48.1%	52.8	52.7	-0.1	-0.2%
49.4%	52.7	52.7	0.0	0.0%
50.6%	52.7	52.7	0.0	0.0%
51.9%	52.7	52.5	-0.2	-0.4%
53.1%	52.5	52.5	0.0	0.0%
54.3%	52.5	52.4	-0.1	-0.2%
55.6%	52.4	52.3	-0.1	-0.2%
56.8%	52.3	52.3	0.0	0.0%
58.0%	52.3	52.3	0.0	0.0%
59.3%	52.3	52.3	0.0	0.0%
60.5%	52.3	52.3	0.0	0.0%
61.7%	52.3	52.2	-0.1	-0.2%
63.0%	52.2	52.2	0.0	0.0%
64.2%	52.2	52.2	0.0	0.0%
65.4%	52.2	52.1	-0.1	-0.2%
66.7%	52.1	52.1	0.0	0.0%
67.9%	52.1	52.1	0.0	0.0%
69.1%	52.1	52.1	0.0	0.0%
70.4%	52.1	52.0	-0.1	-0.2%
71.6%	52.0	52.0	0.0	0.0%
72.8%	52.0	52.0	0.0	0.0%
74.1%	51.8	51.8	0.0	0.0%
75.3%	51.7	51.7	0.0	0.0%
76.5%	51.7	51.7	0.0	0.0%
77.8%	51.7	51.7	0.0	0.0%
79.0%	51.6	51.6	0.0	0.0%
80.2%	51.6	51.6	0.0	0.0%
81.5%	51.6	51.6	0.0	0.0%
82.7%	51.6	51.6	0.0	0.0%
84.0%	51.6	51.6	0.0	0.0%
85.2%	51.3	51.2	-0.1	-0.2%
86.4%	51.3	51.2	-0.1	-0.2%
87.7%	51.2	51.2	0.0	0.0%
88.9%	51.2	51.1	-0.1	-0.2%
90.1%	51.1	51.1	0.0	0.0%
91.4%	51.0	51.0	0.0	0.0%
92.6%	51.0	51.0	0.0	0.0%
93.8%	50.6	50.6	0.0	0.0%
95.1%	50.2	50.3	0.1	0.2%
96.3%	50.1	50.3	0.2	0.4%
97.5%	49.9	49.9	0.0	0.0%
98.8%	48.8	48.8	0.0	0.0%
100.0%	48.8	48.8	0.0	0.0%

December

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	51.1	50.9	-0.2	-0.4%
1.2%	50.9	50.9	0.0	0.0%
2.5%	50.6	50.6	0.0	0.0%
3.7%	50.4	50.2	-0.2	-0.4%
4.9%	50.2	50.1	-0.1	-0.2%
6.2%	50.2	50.0	-0.2	-0.4%
7.4%	49.9	49.6	-0.3	-0.6%
8.6%	49.5	49.4	-0.1	-0.2%
9.9%	49.4	49.4	0.0	0.0%
11.1%	49.3	49.4	0.1	0.2%
12.3%	49.3	49.2	-0.1	-0.2%
13.6%	49.2	49.2	0.0	0.0%
14.8%	49.2	48.9	-0.3	-0.6%
16.0%	48.9	48.8	-0.1	-0.2%
17.3%	48.8	48.8	0.0	0.0%
18.5%	48.7	48.8	0.1	0.2%
19.8%	48.7	48.7	0.0	0.0%
21.0%	48.5	48.7	0.2	0.4%
22.2%	48.5	48.6	0.1	0.2%
23.5%	48.3	48.4	0.1	0.2%
24.7%	48.3	48.4	0.1	0.2%
25.9%	48.3	48.3	0.0	0.0%
27.2%	48.2	48.3	0.1	0.2%
28.4%	48.2	48.2	0.0	0.0%
29.6%	48.1	48.0	-0.1	-0.2%
30.9%	48.1	47.9	-0.2	-0.4%
32.1%	48.1	47.8	-0.3	-0.6%
33.3%	48.0	47.8	-0.2	-0.4%
34.6%	48.0	47.7	-0.3	-0.6%
35.8%	47.9	47.7	-0.2	-0.4%
37.0%	47.8	47.7	-0.1	-0.2%
38.3%	47.8	47.7	-0.1	-0.2%
39.5%	47.7	47.5	-0.2	-0.4%
40.7%	47.7	47.5	-0.2	-0.4%
42.0%	47.5	47.4	-0.1	-0.2%
43.2%	47.5	47.3	-0.2	-0.4%
44.4%	47.5	47.3	-0.2	-0.4%
45.7%	47.4	47.1	-0.3	-0.6%
46.9%	47.4	47.1	-0.3	-0.6%
48.1%	47.3	47.0	-0.3	-0.6%
49.4%	47.3	47.0	-0.3	-0.6%
50.6%	47.1	46.9	-0.2	-0.4%
51.9%	47.0	46.8	-0.2	-0.4%
53.1%	46.9	46.7	-0.2	-0.4%
54.3%	46.9	46.7	-0.2	-0.4%
55.6%	46.8	46.7	-0.1	-0.2%
56.8%	46.8	46.7	-0.1	-0.2%
58.0%	46.8	46.6	-0.2	-0.4%
59.3%	46.7	46.6	-0.1	-0.2%
60.5%	46.7	46.6	-0.1	-0.2%
61.7%	46.6	46.6	0.0	0.0%
63.0%	46.6	46.6	0.0	0.0%
64.2%	46.6	46.5	-0.1	-0.2%
65.4%	46.5	46.3	-0.2	-0.4%
66.7%	46.3	46.2	-0.1	-0.2%
67.9%	46.2	46.1	-0.1	-0.2%
69.1%	46.1	46.1	0.0	0.0%
70.4%	46.1	46.0	-0.1	-0.2%
71.6%	46.0	46.0	0.0	0.0%
72.8%	46.0	46.0	0.0	0.0%
74.1%	46.0	45.9	-0.1	-0.2%
75.3%	46.0	45.9	-0.1	-0.2%
76.5%	45.9	45.8	-0.1	-0.2%
77.8%	45.9	45.7	-0.2	-0.4%
79.0%	45.9	45.5	-0.4	-0.9%
80.2%	45.8	45.3	-0.5	-1.1%
81.5%	45.5	45.3	-0.2	-0.4%
82.7%	45.5	45.0	-0.5	-1.1%
84.0%	45.3	44.9	-0.4	-0.9%
85.2%	45.3	44.9	-0.4	-0.9%
86.4%	44.9	44.8	-0.1	-0.2%
87.7%	44.8	44.5	-0.3	-0.7%
88.9%	44.6	44.3	-0.3	-0.7%
90.1%	44.3	44.2	-0.1	-0.2%
91.4%	44.1	44.2	0.1	0.2%
92.6%	44.0	43.8	-0.2	-0.5%
93.8%	43.8	43.7	-0.1	-0.2%
95.1%	43.6	43.6	0.0	0.0%
96.3%	43.4	43.3	-0.1	-0.2%
97.5%	43.1	43.1	0.0	0.0%
98.8%	42.8	42.8	0.0	0.0%
100.0%	42.8	42.8	0.0	0.0%

January

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	49.3	49.1	-0.2	-0.4%
1.2%	49.1	49.1	0.0	0.0%
2.5%	48.9	48.9	0.0	0.0%
3.7%	48.8	48.7	-0.1	-0.2%
4.9%	48.7	48.7	0.0	0.0%
6.2%	48.5	48.5	0.0	0.0%
7.4%	48.4	48.3	-0.1	-0.2%
8.6%	48.2	48.3	0.1	0.2%
9.9%	48.2	48.2	0.0	0.0%
11.1%	48.2	48.2	0.0	0.0%
12.3%	48.1	48.1	0.0	0.0%
13.6%	48.1	48.1	0.0	0.0%
14.8%	48.1	48.1	0.0	0.0%
16.0%	48.1	48.0	-0.1	-0.2%
17.3%	48.0	48.0	0.0	0.0%
18.5%	48.0	48.0	0.0	0.0%
19.8%	47.9	47.9	0.0	0.0%
21.0%	47.8	47.8	0.0	0.0%
22.2%	47.7	47.7	0.0	0.0%
23.5%	47.7	47.7	0.0	0.0%
24.7%	47.6	47.7	0.1	0.2%
25.9%	47.6	47.7	0.1	0.2%
27.2%	47.5	47.6	0.1	0.2%
28.4%	47.5	47.6	0.1	0.2%
29.6%	47.5	47.5	0.0	0.0%
30.9%	47.5	47.5	0.0	0.0%
32.1%	47.4	47.5	0.1	0.2%
33.3%	47.4	47.5	0.1	0.2%
34.6%	47.4	47.4	0.0	0.0%
35.8%	47.4	47.3	-0.1	-0.2%
37.0%	47.3	47.3	0.0	0.0%
38.3%	47.3	47.3	0.0	0.0%
39.5%	47.3	47.3	0.0	0.0%
40.7%	47.3	47.2	-0.1	-0.2%
42.0%	47.0	47.2	0.2	0.4%
43.2%	47.0	47.1	0.1	0.2%
44.4%	47.0	47.0	0.0	0.0%
45.7%	47.0	47.0	0.0	0.0%
46.9%	46.9	47.0	0.1	0.2%
48.1%	46.8	46.9	0.1	0.2%
49.4%	46.7	46.9	0.2	0.4%
50.6%	46.7	46.8	0.1	0.2%
51.9%	46.7	46.7	0.0	0.0%
53.1%	46.7	46.7	0.0	0.0%
54.3%	46.5	46.6	0.1	0.2%
55.6%	46.5	46.5	0.0	0.0%
56.8%	46.4	46.4	0.0	0.0%
58.0%	46.3	46.4	0.1	0.2%
59.3%	46.3	46.3	0.0	0.0%
60.5%	46.3	46.2	-0.1	-0.2%
61.7%	46.1	46.1	0.0	0.0%
63.0%	46.0	46.1	0.1	0.2%
64.2%	46.0	46.1	0.1	0.2%
65.4%	46.0	46.0	0.0	0.0%
66.7%	45.9	45.9	0.0	0.0%
67.9%	45.8	45.8	0.0	0.0%
69.1%	45.8	45.8	0.0	0.0%
70.4%	45.8	45.7	-0.1	-0.2%
71.6%	45.7	45.7	0.0	0.0%
72.8%	45.6	45.6	0.0	0.0%
74.1%	45.6	45.6	0.0	0.0%
75.3%	45.6	45.5	-0.1	-0.2%
76.5%	45.5	45.5	0.0	0.0%
77.8%	45.4	45.5	0.1	0.2%
79.0%	45.3	45.5	0.2	0.4%
80.2%	45.1	45.4	0.3	0.7%
81.5%	44.8	45.3	0.5	1.1%
82.7%	44.7	44.9	0.2	0.4%
84.0%	44.5	44.7	0.2	0.4%
85.2%	44.3	44.3	0.0	0.0%
86.4%	44.3	44.3	0.0	0.0%
87.7%	44.2	44.2	0.0	0.0%
88.9%	44.2	44.2	0.0	0.0%
90.1%	44.1	44.1	0.0	0.0%
91.4%	43.8	43.8	0.0	0.0%
92.6%	43.8	43.8	0.0	0.0%
93.8%	43.4	43.4	0.0	0.0%
95.1%	43.1	43.4	0.3	0.7%
96.3%	41.6	41.7	0.1	0.2%
97.5%	41.4	41.4	0.0	0.0%
98.8%	41.2	41.3	0.1	0.2%
100.0%	41.2	41.3	0.1	0.2%

Table SQ-16-3b

Feather River below Thermalito Afterbay, Monthly Temperature
Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.4	53.0	-0.4	-0.7%
1.2%	52.6	52.6	0.0	0.0%
2.5%	52.5	52.5	0.0	0.0%
3.7%	52.4	52.2	-0.2	-0.4%
4.9%	52.1	52.1	0.0	0.0%
6.2%	51.8	51.6	-0.2	-0.4%
7.4%	51.7	51.6	-0.1	-0.2%
8.6%	51.6	51.4	-0.2	-0.4%
9.9%	51.5	51.4	-0.1	-0.2%
11.1%	51.5	51.4	-0.1	-0.2%
12.3%	51.4	51.4	0.0	0.0%
13.6%	51.4	51.4	0.0	0.0%
14.8%	51.4	51.3	-0.1	-0.2%
16.0%	51.4	51.3	-0.1	-0.2%
17.3%	51.3	51.2	-0.1	-0.2%
18.5%	51.3	51.1	-0.2	-0.4%
19.8%	51.2	51.1	-0.1	-0.2%
21.0%	51.2	51.1	-0.1	-0.2%
22.2%	51.1	51.1	0.0	0.0%
23.5%	51.1	51.0	-0.1	-0.2%
24.7%	51.0	50.8	-0.2	-0.4%
25.9%	50.7	50.7	0.0	0.0%
27.2%	50.6	50.6	0.0	0.0%
28.4%	50.6	50.6	0.0	0.0%
29.6%	50.6	50.6	0.0	0.0%
30.9%	50.5	50.5	0.0	0.0%
32.1%	50.5	50.5	0.0	0.0%
33.3%	50.4	50.3	-0.1	-0.2%
34.6%	50.3	50.2	-0.1	-0.2%
35.8%	50.2	50.2	0.0	0.0%
37.0%	50.2	50.2	0.0	0.0%
38.3%	50.2	50.0	-0.2	-0.4%
39.5%	50.0	50.0	0.0	0.0%
40.7%	49.9	50.0	0.1	0.2%
42.0%	49.9	50.0	0.1	0.2%
43.2%	49.9	49.9	0.0	0.0%
44.4%	49.9	49.9	0.0	0.0%
45.7%	49.8	49.8	0.0	0.0%
46.9%	49.7	49.6	-0.1	-0.2%
48.1%	49.7	49.5	-0.2	-0.4%
49.4%	49.6	49.5	-0.1	-0.2%
50.6%	49.6	49.4	-0.2	-0.4%
51.9%	49.4	49.4	0.0	0.0%
53.1%	49.4	49.2	-0.2	-0.4%
54.3%	49.1	49.0	-0.1	-0.2%
55.6%	49.1	49.0	-0.1	-0.2%
56.8%	49.0	49.0	0.0	0.0%
58.0%	48.9	49.0	0.1	0.2%
59.3%	48.9	48.9	0.0	0.0%
60.5%	48.9	48.9	0.0	0.0%
61.7%	48.8	48.9	0.1	0.2%
63.0%	48.8	48.9	0.1	0.2%
64.2%	48.8	48.8	0.0	0.0%
65.4%	48.7	48.8	0.1	0.2%
66.7%	48.7	48.7	0.0	0.0%
67.9%	48.7	48.7	0.0	0.0%
69.1%	48.6	48.6	0.0	0.0%
70.4%	48.5	48.6	0.1	0.2%
71.6%	48.5	48.5	0.0	0.0%
72.8%	48.4	48.5	0.1	0.2%
74.1%	48.4	48.5	0.1	0.2%
75.3%	48.4	48.4	0.0	0.0%
76.5%	48.4	48.4	0.0	0.0%
77.8%	48.3	48.4	0.1	0.2%
79.0%	48.3	48.3	0.0	0.0%
80.2%	48.2	48.3	0.1	0.2%
81.5%	48.2	48.3	0.1	0.2%
82.7%	48.1	48.1	0.0	0.0%
84.0%	48.1	48.0	-0.1	-0.2%
85.2%	47.9	48.0	0.1	0.2%
86.4%	47.9	47.9	0.0	0.0%
87.7%	47.9	47.9	0.0	0.0%
88.9%	47.8	47.9	0.1	0.2%
90.1%	47.8	47.9	0.1	0.2%
91.4%	47.8	47.8	0.0	0.0%
92.6%	47.6	47.6	0.0	0.0%
93.8%	47.5	47.5	0.0	0.0%
95.1%	47.4	47.4	0.0	0.0%
96.3%	46.8	46.8	0.0	0.0%
97.5%	46.7	46.7	0.0	0.0%
98.8%	46.5	46.5	0.0	0.0%
100.0%	46.5	46.5	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	58.0	57.7	-0.3	-0.5%
1.2%	57.7	57.0	-0.7	-1.2%
2.5%	57.3	56.7	-0.6	-1.0%
3.7%	57.2	56.2	-1.0	-1.7%
4.9%	56.9	56.2	-0.7	-1.2%
6.2%	56.2	55.9	-0.3	-0.5%
7.4%	56.1	55.7	-0.4	-0.7%
8.6%	55.7	55.7	0.0	0.0%
9.9%	55.6	55.4	-0.2	-0.4%
11.1%	55.5	55.4	-0.1	-0.2%
12.3%	55.5	55.2	-0.3	-0.5%
13.6%	55.2	55.2	0.0	0.0%
14.8%	55.0	54.9	-0.1	-0.2%
16.0%	54.9	54.9	0.0	0.0%
17.3%	54.9	54.8	-0.1	-0.2%
18.5%	54.9	54.8	-0.1	-0.2%
19.8%	54.8	54.6	-0.2	-0.4%
21.0%	54.6	54.6	0.0	0.0%
22.2%	54.6	54.6	0.0	0.0%
23.5%	54.5	54.4	-0.1	-0.2%
24.7%	54.3	54.3	0.0	0.0%
25.9%	54.3	54.3	0.0	0.0%
27.2%	54.3	54.3	0.0	0.0%
28.4%	54.3	54.3	0.0	0.0%
29.6%	54.2	54.3	0.1	0.2%
30.9%	54.1	54.2	0.1	0.2%
32.1%	54.0	54.1	0.1	0.2%
33.3%	54.0	54.1	0.1	0.2%
34.6%	54.0	54.0	0.0	0.0%
35.8%	54.0	54.0	0.0	0.0%
37.0%	54.0	54.0	0.0	0.0%
38.3%	53.8	53.7	-0.1	-0.2%
39.5%	53.7	53.7	0.0	0.0%
40.7%	53.6	53.6	0.0	0.0%
42.0%	53.6	53.6	0.0	0.0%
43.2%	53.4	53.5	0.1	0.2%
44.4%	53.4	53.4	0.0	0.0%
45.7%	53.4	53.4	0.0	0.0%
46.9%	53.1	53.4	0.3	0.6%
48.1%	53.0	53.4	0.4	0.8%
49.4%	53.0	53.3	0.3	0.6%
50.6%	53.0	52.9	-0.1	-0.2%
51.9%	52.9	52.9	0.0	0.0%
53.1%	52.9	52.7	-0.2	-0.4%
54.3%	52.7	52.7	0.0	0.0%
55.6%	52.7	52.6	-0.1	-0.2%
56.8%	52.6	52.6	0.0	0.0%
58.0%	52.5	52.5	0.0	0.0%
59.3%	52.5	52.5	0.0	0.0%
60.5%	52.5	52.4	-0.1	-0.2%
61.7%	52.4	52.2	-0.2	-0.4%
63.0%	52.2	52.2	0.0	0.0%
64.2%	52.2	52.1	-0.1	-0.2%
65.4%	52.0	52.0	0.0	0.0%
66.7%	51.8	51.8	0.0	0.0%
67.9%	51.8	51.7	-0.1	-0.2%
69.1%	51.7	51.7	0.0	0.0%
70.4%	51.6	51.5	-0.1	-0.2%
71.6%	51.5	51.4	-0.1	-0.2%
72.8%	51.5	51.2	-0.3	-0.6%
74.1%	51.2	51.2	0.0	0.0%
75.3%	51.2	50.9	-0.3	-0.6%
76.5%	51.1	50.9	-0.2	-0.4%
77.8%	50.9	50.7	-0.2	-0.4%
79.0%	50.9	50.7	-0.2	-0.4%
80.2%	50.7	50.6	-0.1	-0.2%
81.5%	50.6	50.6	0.0	0.0%
82.7%	50.6	50.6	0.0	0.0%
84.0%	50.4	50.3	-0.1	-0.2%
85.2%	50.3	50.3	0.0	0.0%
86.4%	50.3	50.3	0.0	0.0%
87.7%	50.2	50.2	0.0	0.0%
88.9%	50.1	50.1	0.0	0.0%
90.1%	49.7	49.6	-0.1	-0.2%
91.4%	49.6	49.4	-0.2	-0.4%
92.6%	49.3	49.3	0.0	0.0%
93.8%	49.3	49.3	0.0	0.0%
95.1%	49.3	49.2	-0.1	-0.2%
96.3%	49.2	49.2	0.0	0.0%
97.5%	48.9	48.8	-0.1	-0.2%
98.8%	47.9	47.9	0.0	0.0%
100.0%	47.9	47.9	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.9	61.5	0.6	1.0%
1.2%	60.5	60.9	0.4	0.7%
2.5%	60.5	60.5	0.0	0.0%
3.7%	60.3	60.4	0.1	0.2%
4.9%	60.0	60.0	0.0	0.0%
6.2%	59.9	60.0	0.1	0.2%
7.4%	59.7	59.6	-0.1	-0.2%
8.6%	59.4	59.4	0.0	0.0%
9.9%	59.4	59.4	0.0	0.0%
11.1%	58.4	58.2	-0.2	-0.3%
12.3%	58.3	58.2	-0.1	-0.2%
13.6%	58.2	58.1	-0.1	-0.2%
14.8%	58.2	58.1	-0.1	-0.2%
16.0%	58.1	58.1	0.0	0.0%
17.3%	58.1	57.9	-0.2	-0.3%
18.5%	58.1	57.9	-0.2	-0.3%
19.8%	57.9	57.9	0.0	0.0%
21.0%	57.9	57.8	-0.1	-0.2%
22.2%	57.7	57.7	0.0	0.0%
23.5%	57.7	57.7	0.0	0.0%
24.7%	57.7	57.6	-0.1	-0.2%
25.9%	57.6	57.5	-0.1	-0.2%
27.2%	57.6	57.4	-0.2	-0.3%
28.4%	57.4	57.3	-0.1	-0.2%
29.6%	57.3	57.3	0.0	0.0%
30.9%	57.3	57.2	-0.1	-0.2%
32.1%	57.2	57.2	0.0	0.0%
33.3%	57.2	57.2	0.0	0.0%
34.6%	57.1	57.1	0.0	0.0%
35.8%	57.1	57.1	0.0	0.0%
37.0%	57.0	57.0	0.0	0.0%
38.3%	56.9	56.9	0.0	0.0%
39.5%	56.9	56.9	0.0	0.0%
40.7%	56.9	56.9	0.0	0.0%
42.0%	56.9	56.9	0.0	0.0%
43.2%	56.8	56.8	0.0	0.0%
44.4%	56.8	56.8	0.0	0.0%
45.7%	56.8	56.8	0.0	0.0%
46.9%	56.7	56.7	0.0	0.0%
48.1%	56.6	56.6	0.0	0.0%
49.4%	56.6	56.6	0.0	0.0%
50.6%	56.6	56.5	-0.1	-0.2%
51.9%	56.5	56.4	-0.1	-0.2%
53.1%	56.4	56.4	0.0	0.0%
54.3%	56.4	56.3	-0.1	-0.2%
55.6%	56.3	56.3	0.0	0.0%
56.8%	56.3	56.3	0.0	0.0%
58.0%	56.3	56.2	-0.1	-0.2%
59.3%	56.3	56.2	-0.1	-0.2%
60.5%	56.2	56.1	-0.1	-0.2%
61.7%	56.1	56.0	-0.1	-0.2%
63.0%	55.9	56.0	0.1	0.2%
64.2%	55.9	55.9	0.0	0.0%
65.4%	55.8	55.8	0.0	0.0%
66.7%	55.8	55.8	0.0	0.0%
67.9%	55.7	55.7	0.0	0.0%
69.1%	55.7	55.7	0.0	0.0%
70.4%	55.6	55.7	0.1	0.2%
71.6%	55.6	55.6	0.0	0.0%
72.8%	55.6	55.6	0.0	0.0%
74.1%	55.5	55.5	0.0	0.0%
75.3%	55.4	55.4	0.0	0.0%
76.5%	55.2	55.2	0.0	0.0%
77.8%	55.0	55.0	0.0	0.0%
79.0%	54.9	54.9	0.0	0.0%
80.2%	54.9	54.9	0.0	0.0%
81.5%	54.9	54.9	0.0	0.0%
82.7%	54.8	54.8	0.0	0.0%
84.0%	54.7	54.7	0.0	0.0%
85.2%	54.5	54.5	0.0	0.0%
86.4%	54.5	54.5	0.0	0.0%
87.7%	54.5	54.5	0.0	0.0%
88.9%	54.4	54.4	0.0	0.0%
90.1%	54.0	54.0	0.0	0.0%
91.4%	53.5	53.5	0.0	0.0%
92.6%	53.2	53.2	0.0	0.0%
93.8%	52.7	52.7	0.0	0.0%
95.1%	52.5	52.5	0.0	0.0%
96.3%	52.1	52.1	0.0	0.0%
97.5%	52.0	52.0	0.0	0.0%
98.8%	51.7	51.7	0.0	0.0%
100.0%	51.7	51.7	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	69.9	69.5	-0.4	-0.6%
1.2%	67.7	67.7	0.0	0.0%
2.5%	66.7	66.7	0.0	0.0%
3.7%	66.0	65.7	-0.3	-0.5%
4.9%	65.8	65.2	-0.6	-0.9%
6.2%	65.4	65.2	-0.2	-0.3%
7.4%	65.4	64.8	-0.6	-0.9%
8.6%	65.3	64.7	-0.6	-0.9%
9.9%	65.2	64.6	-0.6	-0.9%
11.1%	64.8	64.4	-0.4	-0.6%
12.3%	64.8	64.1	-0.7	-1.1%
13.6%	64.7	64.1	-0.6	-0.9%
14.8%	64.6	64.0	-0.6	-0.9%
16.0%	64.0	63.9	-0.1	-0.2%
17.3%	63.9	63.9	0.0	0.0%
18.5%	63.8	63.8	0.0	0.0%
19.8%	63.8	63.8	0.0	0.0%
21.0%	63.7	63.7	0.0	0.0%
22.2%	63.5	63.5	0.0	0.0%
23.5%	63.5	63.5	0.0	0.0%
24.7%	63.5	63.5	0.0	0.0%
25.9%	63.5	63.3	-0.2	-0.3%
27.2%	63.3	63.3	0.0	0.0%
28.4%	63.3	63.2	-0.1	-0.2%
29.6%	63.3	63.2	-0.1	-0.2%
30.9%	63.2	63.1	-0.1	-0.2%
32.1%	63.1	63.1	0.0	0.0%
33.3%	63.1	63.0	-0.1	-0.2%
34.6%	62.9	62.9	0.0	0.0%
35.8%	62.8	62.8	0.0	0.0%
37.0%	62.8	62.8	0.0	0.0%
38.3%	62.8	62.8	0.0	0.0%
39.5%	62.8	62.8	0.0	0.0%
40.7%	62.7	62.7	0.0	0.0%
42.0%	62.7	62.6	-0.1	-0.2%
43.2%	62.7	62.6	-0.1	-0.2%
44.4%	62.6	62.5	-0.1	-0.2%
45.7%	62.6	62.5	-0.1	-0.2%
46.9%	62.5	62.4	-0.1	-0.2%
48.1%	62.4	62.4	0.0	0.0%
49.4%	62.4	62.2	-0.2	-0.3%
50.6%	62.2	62.2	0.0	0.0%
51.9%	62.2	62.1	-0.1	-0.2%
53.1%	62.1	62.0	-0.1	-0.2%
54.3%	62.0	61.9	-0.1	-0.2%
55.6%	62.0	61.9	-0.1	-0.2%
56.8%	61.9	61.9	0.0	0.0%
58.0%	61.9	61.8	-0.1	-0.2%
59.3%	61.8	61.8	0.0	0.0%
60.5%	61.7	61.5	-0.2	-0.3%
61.7%	61.6	61.4	-0.2	-0.3%
63.0%	61.5	61.2	-0.3	-0.5%
64.2%	61.4	61.1	-0.3	-0.5%
65.4%	61.1	61.1	0.0	0.0%
66.7%	61.1	61.0	-0.1	-0.2%
67.9%	61.0	60.8	-0.2	-0.3%
69.1%	60.8	60.8	0.0	0.0%
70.4%	60.8	60.8	0.0	0.0%
71.6%	60.8	60.7	-0.1	-0.2%
72.8%	60.7	60.4	-0.3	-0.5%
74.1%	60.2	60.1	-0.1	-0.2%
75.3%	60.1	60.1	0.0	0.0%
76.5%	60.1	60.0	-0.1	-0.2%
77.8%	60.0	60.0	0.0	0.0%
79.0%	60.0	59.8	-0.2	-0.3%
80.2%	59.8	59.7	-0.1	-0.2%
81.5%	59.6	59.6	0.0	0.0%
82.7%	59.6	59.6	0.0	0.0%
84.0%	59.5	59.5	0.0	0.0%
85.2%	59.5	59.5	0.0	0.0%
86.4%	59.2	59.2	0.0	0.0%
87.7%	59.0	59.0	0.0	0.0%
88.9%	59.0	59.0	0.0	0.0%
90.1%	59.0	59.0	0.0	0.0%
91.4%	58.9	58.9	0.0	0.0%
92.6%	58.6	58.6	0.0	0.0%
93.8%	57.9	57.9	0.0	0.0%
95.1%	57.7	57.7	0.0	0.0%
96.3%	57.5	57.5	0.0	0.0%
97.5%	57.1	57.1	0.0	0.0%
98.8%	55.8	55.8	0.0	0.0%
100.0%	55.8	55.8	0.0	0.0%

Table SQ-16-3b

Feather River below Thermalito Afterbay, Monthly Temperature

Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	71.6	71.6	0.0	0.0%
1.2%	70.8	71.5	0.7	1.0%
2.5%	70.3	70.5	0.2	0.3%
3.7%	70.0	69.7	-0.3	-0.4%
4.9%	69.9	69.7	-0.2	-0.3%
6.2%	69.8	69.6	-0.2	-0.3%
7.4%	69.5	69.6	0.1	0.1%
8.6%	69.5	69.5	0.0	0.0%
9.9%	69.3	69.5	0.2	0.3%
11.1%	69.3	69.3	0.0	0.0%
12.3%	69.3	69.3	0.0	0.0%
13.6%	69.1	69.3	0.2	0.3%
14.8%	69.1	69.2	0.1	0.1%
16.0%	69.0	69.2	0.2	0.3%
17.3%	69.0	69.1	0.1	0.1%
18.5%	69.0	69.1	0.1	0.1%
19.8%	69.0	68.9	-0.1	-0.1%
21.0%	68.9	68.9	0.0	0.0%
22.2%	68.8	68.8	0.0	0.0%
23.5%	68.7	68.7	0.0	0.0%
24.7%	68.7	68.7	0.0	0.0%
25.9%	68.5	68.6	0.1	0.1%
27.2%	68.3	68.5	0.2	0.3%
28.4%	68.2	68.5	0.3	0.4%
29.6%	68.1	68.4	0.3	0.4%
30.9%	68.1	68.3	0.2	0.3%
32.1%	68.1	68.2	0.1	0.1%
33.3%	68.1	68.2	0.1	0.1%
34.6%	68.0	68.1	0.1	0.1%
35.8%	68.0	68.1	0.1	0.1%
37.0%	68.0	68.0	0.0	0.0%
38.3%	67.9	68.0	0.1	0.1%
39.5%	67.8	67.9	0.1	0.1%
40.7%	67.7	67.8	0.1	0.1%
42.0%	67.6	67.7	0.1	0.1%
43.2%	67.6	67.6	0.0	0.0%
44.4%	67.5	67.5	0.0	0.0%
45.7%	67.5	67.5	0.0	0.0%
46.9%	67.4	67.4	0.0	0.0%
48.1%	67.3	67.4	0.1	0.1%
49.4%	67.3	67.3	0.0	0.0%
50.6%	67.2	67.2	0.0	0.0%
51.9%	67.1	67.1	0.0	0.0%
53.1%	67.1	67.1	0.0	0.0%
54.3%	67.1	67.0	-0.1	-0.1%
55.6%	67.0	67.0	0.0	0.0%
56.8%	66.9	66.9	0.0	0.0%
58.0%	66.8	66.9	0.1	0.1%
59.3%	66.8	66.9	0.1	0.1%
60.5%	66.8	66.8	0.0	0.0%
61.7%	66.6	66.7	0.1	0.2%
63.0%	66.4	66.5	0.1	0.2%
64.2%	66.3	66.5	0.2	0.3%
65.4%	66.3	66.4	0.1	0.2%
66.7%	66.3	66.3	0.0	0.0%
67.9%	66.2	66.3	0.1	0.2%
69.1%	66.0	66.3	0.3	0.5%
70.4%	65.8	66.2	0.4	0.6%
71.6%	65.8	66.2	0.4	0.6%
72.8%	65.8	66.2	0.4	0.6%
74.1%	65.8	66.0	0.2	0.3%
75.3%	65.7	65.9	0.2	0.3%
76.5%	65.5	65.7	0.2	0.3%
77.8%	65.4	65.7	0.3	0.5%
79.0%	65.4	65.4	0.0	0.0%
80.2%	65.3	65.4	0.1	0.2%
81.5%	65.1	65.3	0.2	0.3%
82.7%	65.0	65.1	0.1	0.2%
84.0%	65.0	65.0	0.0	0.0%
85.2%	64.8	64.8	0.0	0.0%
86.4%	64.6	64.7	0.1	0.2%
87.7%	64.6	64.6	0.0	0.0%
88.9%	64.4	64.4	0.0	0.0%
90.1%	64.0	64.2	0.2	0.3%
91.4%	63.6	64.1	0.5	0.8%
92.6%	63.4	63.4	0.0	0.0%
93.8%	63.2	63.3	0.1	0.2%
95.1%	61.9	61.9	0.0	0.0%
96.3%	61.7	61.7	0.0	0.0%
97.5%	61.0	61.0	0.0	0.0%
98.8%	60.0	60.0	0.0	0.0%
100.0%	60.0	60.0	0.0	0.0%

July				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	74.3	74.2	-0.1	-0.1%
1.2%	74.2	74.0	-0.2	-0.3%
2.5%	74.0	73.2	-0.8	-1.1%
3.7%	73.3	72.7	-0.6	-0.8%
4.9%	73.0	72.6	-0.4	-0.5%
6.2%	72.6	72.6	0.0	0.0%
7.4%	72.3	72.5	0.2	0.3%
8.6%	72.2	72.2	0.0	0.0%
9.9%	71.7	71.6	-0.1	-0.1%
11.1%	71.0	71.1	0.1	0.1%
12.3%	70.8	69.9	-0.9	-1.3%
13.6%	70.7	69.9	-0.8	-1.1%
14.8%	69.8	69.7	-0.1	-0.1%
16.0%	69.8	69.6	-0.2	-0.3%
17.3%	69.6	69.5	-0.1	-0.1%
18.5%	69.6	69.5	-0.1	-0.1%
19.8%	69.2	69.4	0.2	0.3%
21.0%	69.2	69.4	0.2	0.3%
22.2%	69.2	69.3	0.1	0.1%
23.5%	69.1	69.3	0.2	0.3%
24.7%	69.1	69.2	0.1	0.1%
25.9%	69.1	69.2	0.1	0.1%
27.2%	69.1	69.2	0.1	0.1%
28.4%	69.1	69.1	0.0	0.0%
29.6%	69.1	69.1	0.0	0.0%
30.9%	69.1	69.1	0.0	0.0%
32.1%	69.1	69.0	-0.1	-0.1%
33.3%	69.0	69.0	0.0	0.0%
34.6%	69.0	68.8	-0.2	-0.3%
35.8%	68.9	68.8	-0.1	-0.1%
37.0%	68.8	68.7	-0.1	-0.1%
38.3%	68.7	68.7	0.0	0.0%
39.5%	68.7	68.7	0.0	0.0%
40.7%	68.7	68.7	0.0	0.0%
42.0%	68.6	68.7	0.1	0.1%
43.2%	68.6	68.6	0.0	0.0%
44.4%	68.5	68.6	0.1	0.1%
45.7%	68.5	68.6	0.1	0.1%
46.9%	68.5	68.5	0.0	0.0%
48.1%	68.4	68.5	0.1	0.1%
49.4%	68.4	68.5	0.1	0.1%
50.6%	68.3	68.4	0.1	0.1%
51.9%	68.3	68.4	0.1	0.1%
53.1%	68.3	68.3	0.0	0.0%
54.3%	68.3	68.3	0.0	0.0%
55.6%	68.2	68.3	0.1	0.1%
56.8%	68.1	68.2	0.1	0.1%
58.0%	68.0	68.1	0.1	0.1%
59.3%	68.0	68.1	0.1	0.1%
60.5%	68.0	68.0	0.0	0.0%
61.7%	67.9	68.0	0.1	0.1%
63.0%	67.9	67.9	0.0	0.0%
64.2%	67.8	67.7	-0.1	-0.1%
65.4%	67.8	67.7	-0.1	-0.1%
66.7%	67.8	67.7	-0.1	-0.1%
67.9%	67.7	67.7	0.0	0.0%
69.1%	67.7	67.7	0.0	0.0%
70.4%	67.6	67.6	0.0	0.0%
71.6%	67.6	67.6	0.0	0.0%
72.8%	67.6	67.6	0.0	0.0%
74.1%	67.5	67.5	0.0	0.0%
75.3%	67.5	67.5	0.0	0.0%
76.5%	67.3	67.4	0.1	0.1%
77.8%	67.3	67.3	0.0	0.0%
79.0%	67.2	67.3	0.1	0.1%
80.2%	67.2	67.2	0.0	0.0%
81.5%	67.1	67.2	0.1	0.1%
82.7%	67.0	67.2	0.2	0.3%
84.0%	66.9	67.0	0.1	0.1%
85.2%	66.9	67.0	0.1	0.1%
86.4%	66.8	66.9	0.1	0.1%
87.7%	66.8	66.9	0.1	0.1%
88.9%	66.7	66.8	0.1	0.1%
90.1%	66.7	66.7	0.0	0.0%
91.4%	66.5	66.5	0.0	0.0%
92.6%	66.4	66.5	0.1	0.2%
93.8%	66.4	66.5	0.1	0.2%
95.1%	66.4	66.4	0.0	0.0%
96.3%	66.4	66.4	0.0	0.0%
97.5%	66.4	66.3	-0.1	-0.2%
98.8%	66.3	66.2	-0.1	-0.2%
100.0%	66.3	66.2	-0.1	-0.2%

August				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	76.1	76.0	-0.1	-0.1%
1.2%	74.8	75.0	0.2	0.3%
2.5%	73.6	73.7	0.1	0.1%
3.7%	73.4	73.5	0.1	0.1%
4.9%	73.4	73.4	0.0	0.0%
6.2%	73.2	72.5	-0.7	-1.0%
7.4%	71.9	72.1	0.2	0.3%
8.6%	71.2	72.0	0.8	1.1%
9.9%	71.2	71.4	0.2	0.3%
11.1%	71.0	71.3	0.3	0.4%
12.3%	70.6	71.2	0.6	0.8%
13.6%	70.5	71.1	0.6	0.9%
14.8%	70.5	71.0	0.5	0.7%
16.0%	70.5	71.0	0.5	0.7%
17.3%	70.3	70.9	0.6	0.9%
18.5%	70.3	70.8	0.5	0.7%
19.8%	70.1	70.4	0.3	0.4%
21.0%	70.1	70.3	0.2	0.3%
22.2%	70.1	70.2	0.1	0.1%
23.5%	70.1	70.2	0.1	0.1%
24.7%	70.0	70.2	0.2	0.3%
25.9%	69.9	70.1	0.2	0.3%
27.2%	69.8	70.1	0.3	0.4%
28.4%	69.8	70.1	0.3	0.4%
29.6%	69.7	70.1	0.4	0.6%
30.9%	69.6	70.0	0.4	0.6%
32.1%	69.6	70.0	0.4	0.6%
33.3%	69.4	69.9	0.5	0.7%
34.6%	69.4	69.9	0.5	0.7%
35.8%	69.3	69.7	0.4	0.6%
37.0%	69.3	69.5	0.2	0.3%
38.3%	69.2	69.5	0.3	0.4%
39.5%	69.0	69.2	0.2	0.3%
40.7%	68.9	68.9	0.0	0.0%
42.0%	68.7	68.7	0.0	0.0%
43.2%	68.7	68.6	-0.1	-0.1%
44.4%	68.7	68.6	-0.1	-0.1%
45.7%	68.6	68.4	-0.2	-0.3%
46.9%	68.5	68.4	-0.1	-0.1%
48.1%	68.5	68.4	-0.1	-0.1%
49.4%	68.4	68.0	-0.4	-0.6%
50.6%	68.4	68.0	-0.4	-0.6%
51.9%	68.4	68.0	-0.4	-0.6%
53.1%	68.3	68.0	-0.3	-0.4%
54.3%	68.3	67.9	-0.4	-0.6%
55.6%	68.2	67.8	-0.4	-0.6%
56.8%	68.2	67.8	-0.4	-0.6%
58.0%	67.7	67.7	0.0	0.0%
59.3%	67.7	67.7	0.0	0.0%
60.5%	67.7	67.6	-0.1	-0.1%
61.7%	67.6	67.5	-0.1	-0.1%
63.0%	67.5	67.5	0.0	0.0%
64.2%	67.5	67.4	-0.1	-0.1%
65.4%	67.4	67.3	-0.1	-0.1%
66.7%	67.3	67.3	0.0	0.0%
67.9%	67.3	67.2	-0.1	-0.1%
69.1%	67.2	67.2	0.0	0.0%
70.4%	67.2	67.1	-0.1	-0.1%
71.6%	67.2	67.0	-0.2	-0.3%
72.8%	67.2	66.9	-0.3	-0.4%
74.1%	67.0	66.9	-0.1	-0.1%
75.3%	66.9	66.8	-0.1	-0.1%
76.5%	66.8	66.8	0.0	0.0%
77.8%	66.7	66.8	0.1	0.1%
79.0%	66.6	66.8	0.2	0.3%
80.2%	66.6	66.7	0.1	0.2%
81.5%	66.5	66.6	0.1	0.2%
82.7%	66.5	66.6	0.1	0.2%
84.0%	66.4	66.6	0.2	0.3%
85.2%	66.3	66.5	0.2	0.3%
86.4%	66.3	66.5	0.2	0.3%
87.7%	66.2	66.1	-0.1	-0.2%
88.9%	66.0	66.1	0.1	0.2%
90.1%	66.0	66.0	0.0	0.0%
91.4%	65.9	65.9	0.0	0.0%
92.6%	65.9	65.8	-0.1	-0.2%
93.8%	65.7	65.7	0.0	0.0%
95.1%	65.7	65.6	-0.1	-0.2%
96.3%	65.6	65.5	-0.1	-0.2%
97.5%	65.5	65.4	-0.1	-0.2%
98.8%	65.4	65.4	0.0	0.0%
100.0%	65.4	65.4	0.0	0.0%

September				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	69.0	67.6	-1.4	-2.0%
1.2%	67.9	66.9	-1.0	-1.5%
2.5%	67.3	66.6	-0.7	-1.0%
3.7%	66.8	66.5	-0.3	-0.4%
4.9%	66.4	66.3	-0.1	-0.2%
6.2%	66.4	66.2	-0.2	-0.3%
7.4%	66.0	66.1	0.1	0.2%
8.6%	65.8	66.0	0.2	0.3%
9.9%	65.8	65.8	0.0	0.0%
11.1%	65.7	65.5	-0.2	-0.3%
12.3%	65.5	65.5	0.0	0.0%
13.6%	65.5	65.4	-0.1	-0.2%
14.8%	65.4	65.3	-0.1	-0.2%
16.0%	65.4	65.2	-0.2	-0.3%
17.3%	65.3	65.1	-0.2	-0.3%
18.5%	65.3	65.1	-0.2	-0.3%
19.8%	65.2	65.1	-0.1	-0.2%
21.0%	65.0	64.9	-0.1	-0.2%
22.2%	64.9	64.8	-0.1	-0.2%
23.5%	64.8	64.8	0.0	0.0%
24.7%	64.6	64.8	0.2	0.3%
25.9%	64.6	64.7	0.1	0.2%
27.2%	64.5	64.5	0.0	0.0%
28.4%	64.4	64.5	0.1	0.2%
29.6%	64.3	64.5	0.2	0.3%
30.9%	64.0	64.4	0.4	0.6%
32.1%	64.0	64.1	0.1	0.2%
33.3%	63.6	64.0	0.4	0.6%
34.6%	63.6	64.0	0.4	0.6%
35.8%	63.4	64.0	0.6	0.9%
37.0%	63.3	64.0	0.7	1.1%
38.3%	63.3	63.9	0.6	0.9%
39.5%	63.2	63.7	0.5	0.8%
40.7%	63.2	63.7	0.5	0.8%
42.0%	63.2	63.6	0.4	0.6%
43.2%	63.2	63.5	0.3	0.5%
44.4%	63.2	63.4	0.2	0.3%
45.7%	62.9	63.3	0.4	0.6%
46.9%	62.9	62.5	-0.4	-0.6%
48.1%	62.8	62.5	-0.3	-0.5%
49.4%	62.8	62.4	-0.4	-0.6%
50.6%	62.7	62.2	-0.5	-0.8%
51.9%	62.4	62.2	-0.2	-0.3%
53.1%	62.4	62.0	-0.4	-0.6%
54.3%	62.3	62.0	-0.3	-0.5%
55.6%	62.3	61.9	-0.4	-0.6%
56.8%	62.2	61.8	-0.4	-0.6%
58.0%	62.1	61.8	-0.3	-0.5%
59.3%	62.0	61.8	-0.2	-0.3%
60.5%	62.0	61.7	-0.3	-0.5%
61.7%	61.7	61.7	0.0	0.0%
63.0%	61.6	61.6	0.0	0.0%
64.2%	61.4	61.6	0.2	0.3%
65.4%	61.3	61.5	0.2	0.3%
66.7%	61.2	61.4	0.2	0.3%
67.9%	61.2	61.4	0.2	0.3%
69.1%	61.2	61.3	0.1	0.2%
70.4%	61.2	61.3	0.1	0.2%
71.6%	61.0	61.2	0.2	0.3%
72.8%	61.0	61.1	0.1	0.2%
74.1%	60.9	60.9	0.0	0.0%
75.3%	60.8	60.8	0.0	0.0%
76.5%	60.8	60.8	0.0	0.0%
77.8%	60.7	60.6	-0.1	-0.2%
79.0%	60.7	60.6	-0.1	-0.2%
80.2%	60.5	60.5	0.0	0.0%
81.5%	60.4	60.4	0.0	0.0%
82.7%	60.3	60.2	-0.1	-0.2%
84.0%	60.2	60.2	0.0	0.0%
85.2%	60.2	60.1	-0.1	-0.2%
86.4%	60.2	60.1	-0.1	-0.2%
87.7%	60.0	60.1	0.1	0.2%
88.9%	59.8	59.9	0.1	0.2%
90.1%	59.7	59.9	0.2	0.3%
91.4%	59.5	59.7	0.2	0.3%
92.6%	59.1	59.1	0.0	0.0%
93.8%	59.0	59.0	0.0	0.0%
95.1%	58.8	58.8	0.0	0.0%
96.3%	58.7	58.7	0.0	0.0%
97.5%	58.6	58.6	0.0	0.0%
98.8%	57.8	57.8	0.0	0.0%
100.0%	57.8	57.8	0.0	0.0%

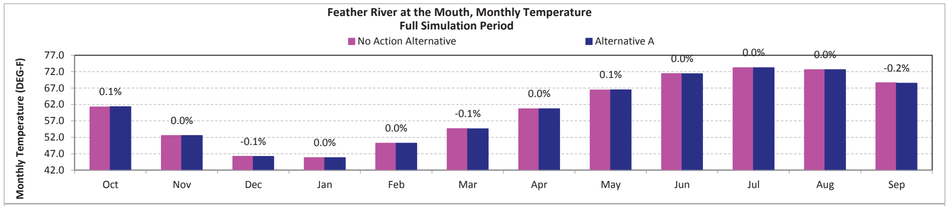
Table SQ-17-3a
Feather River at the Mouth, Monthly Temperature
Long-term Average and Average by Water Year Type

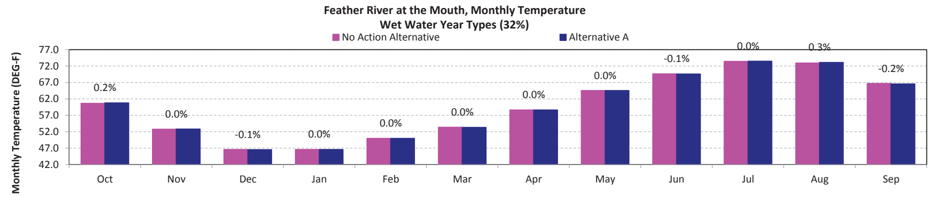
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	61.3	52.5	46.2	45.8	50.2	54.6	60.7	66.4	71.4	73.2	72.6	68.6
Alternative A	61.3	52.5	46.1	45.8	50.2	54.6	60.7	66.5	71.4	73.2	72.6	68.5
Difference	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Percent Difference[3]	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.2%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	60.7	52.8	46.6	46.6	50.0	53.4	58.6	64.5	69.7	73.4	72.9	66.7
Alternative A	60.8	52.8	46.5	46.6	50.0	53.3	58.6	64.5	69.6	73.5	73.1	66.6
Difference	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.2	-0.1
Percent Difference	0.2%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.3%	-0.2%
Above Normal (15%)												
No Action Alternative	60.5	51.4	46.0	46.0	50.2	54.4	60.5	66.4	71.4	72.1	71.0	66.8
Alternative A	60.6	51.5	45.9	46.0	50.2	54.3	60.5	66.4	71.3	72.1	71.2	66.6
Difference	0.1	0.0	-0.2	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0	0.2	-0.1
Percent Difference	0.2%	0.0%	-0.3%	0.0%	0.0%	-0.2%	0.0%	0.0%	-0.1%	0.0%	0.2%	-0.2%
Below Normal (17%)												
No Action Alternative	61.3	52.5	45.8	45.4	49.7	55.0	60.8	66.6	71.7	72.7	71.9	70.0
Alternative A	61.4	52.5	45.8	45.4	49.7	54.9	60.8	66.6	71.5	72.7	72.1	69.9
Difference	0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	-0.1
Percent Difference	0.2%	0.0%	0.0%	-0.2%	0.0%	-0.1%	0.0%	0.0%	-0.2%	0.0%	0.2%	-0.2%
Dry (22%)												
No Action Alternative	61.6	52.7	46.3	44.8	50.2	55.4	62.0	67.7	72.9	72.8	72.1	70.2
Alternative A	61.7	52.8	46.2	44.8	50.2	55.4	62.0	67.9	73.0	72.8	71.7	70.0
Difference	0.1	0.1	-0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	-0.3	-0.2
Percent Difference	0.2%	0.1%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	-0.5%	-0.2%
Critical (15%)												
No Action Alternative	62.6	52.6	45.7	45.3	51.1	55.8	63.1	68.1	72.3	74.9	74.7	70.3
Alternative A	62.5	52.6	45.9	45.4	51.0	55.8	63.2	68.1	72.4	74.8	74.5	70.1
Difference	-0.1	-0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	-0.1	-0.2	-0.2
Percent Difference	-0.2%	-0.2%	0.3%	0.2%	-0.1%	0.0%	0.1%	0.1%	0.0%	-0.2%	-0.3%	-0.3%

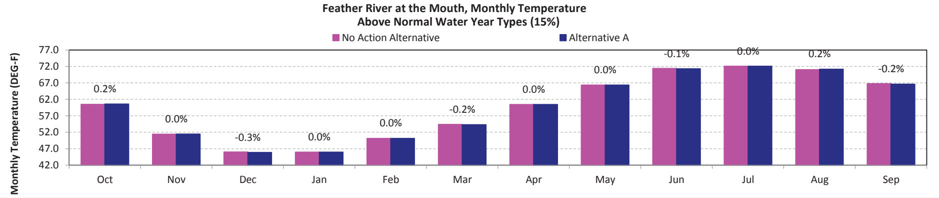
1 Based on the 82-year simulation period

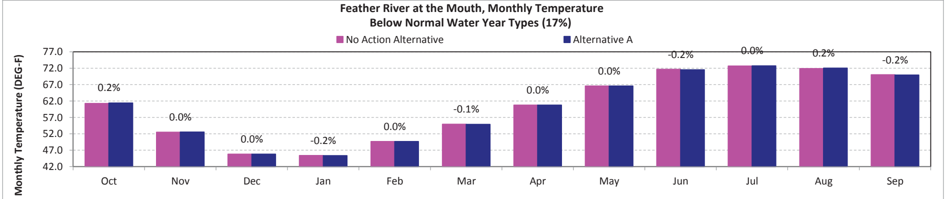
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

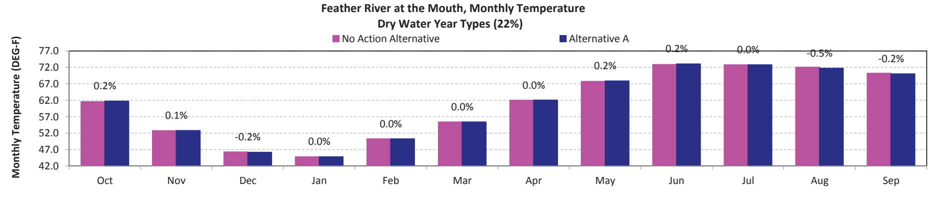
3 Relative difference of the monthly average











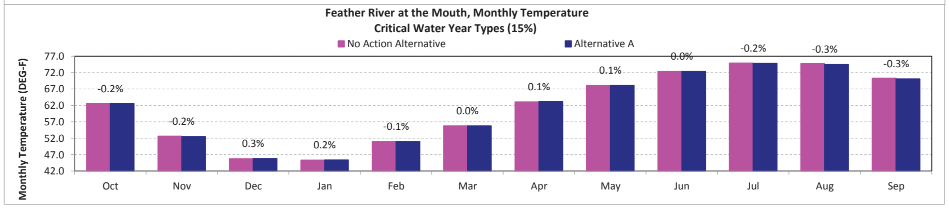


Figure SQ-17-3b
Feather River at the Mouth, Monthly Temperature
Probability of Exceedance

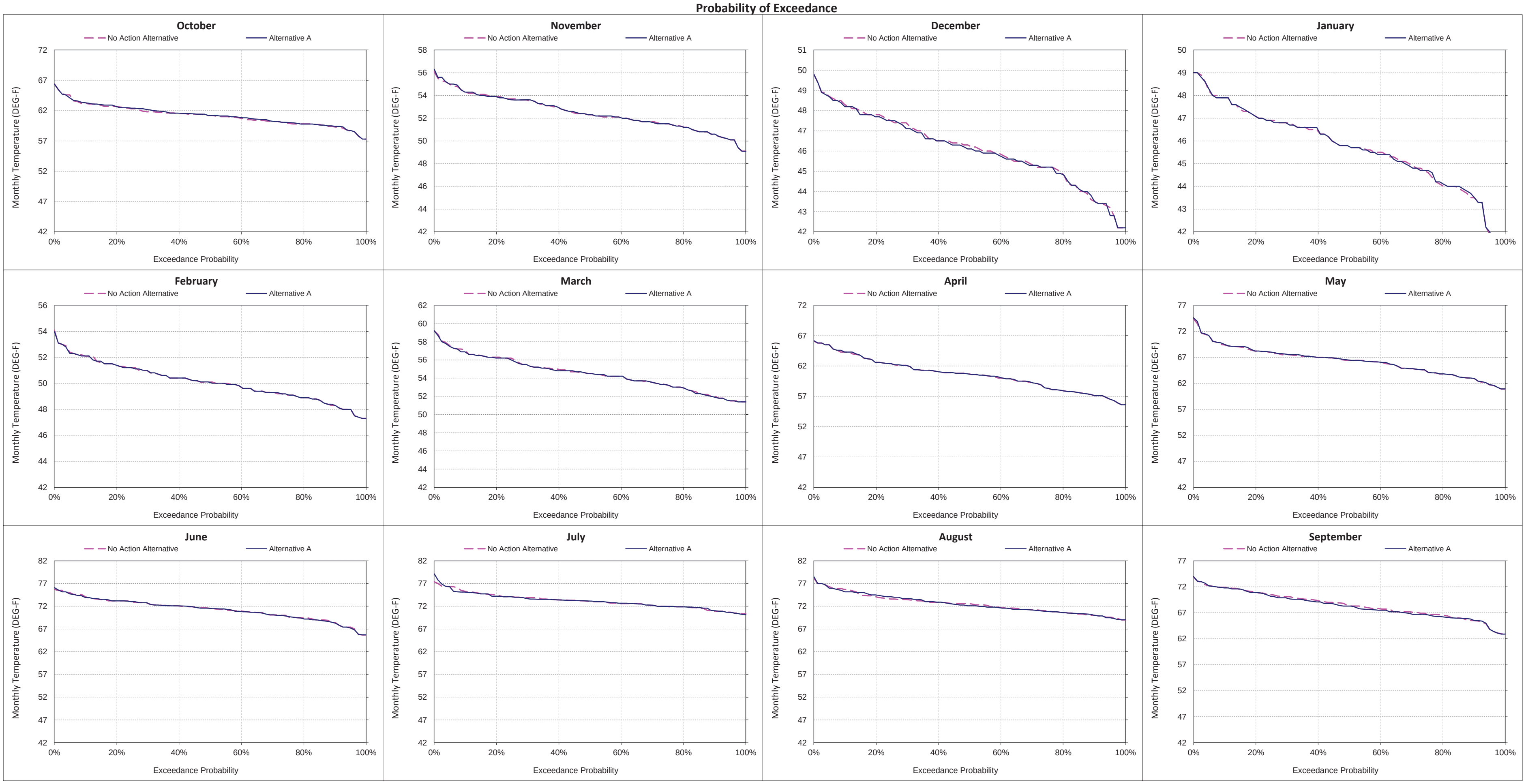


Table SQ-17-3b

Feather River at the Mouth, Monthly Temperature
Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.4	66.4	0.0	0.0%
1.2%	65.5	65.5	0.0	0.0%
2.5%	64.8	64.7	-0.1	-0.2%
3.7%	64.6	64.6	0.0	0.0%
4.9%	64.6	64.1	-0.5	-0.8%
6.2%	63.6	63.7	0.1	0.2%
7.4%	63.5	63.6	0.1	0.2%
8.6%	63.2	63.4	0.2	0.3%
9.9%	63.2	63.3	0.1	0.2%
11.1%	63.1	63.2	0.1	0.2%
12.3%	63.1	63.1	0.0	0.0%
13.6%	63.0	63.1	0.1	0.2%
14.8%	62.9	63.0	0.1	0.2%
16.0%	62.7	62.9	0.2	0.3%
17.3%	62.7	62.9	0.2	0.3%
18.5%	62.7	62.9	0.2	0.3%
19.8%	62.7	62.7	0.0	0.0%
21.0%	62.6	62.5	-0.1	-0.2%
22.2%	62.5	62.5	0.0	0.0%
23.5%	62.4	62.5	0.1	0.2%
24.7%	62.3	62.4	0.1	0.2%
25.9%	62.3	62.4	0.1	0.2%
27.2%	62.1	62.3	0.2	0.3%
28.4%	61.9	62.3	0.4	0.6%
29.6%	61.8	62.2	0.4	0.6%
30.9%	61.8	62.1	0.3	0.5%
32.1%	61.8	62.0	0.2	0.3%
33.3%	61.7	61.9	0.2	0.3%
34.6%	61.7	61.9	0.2	0.3%
35.8%	61.6	61.8	0.2	0.3%
37.0%	61.6	61.6	0.0	0.0%
38.3%	61.6	61.6	0.0	0.0%
39.5%	61.5	61.6	0.1	0.2%
40.7%	61.5	61.6	0.1	0.2%
42.0%	61.5	61.5	0.0	0.0%
43.2%	61.4	61.5	0.1	0.2%
44.4%	61.4	61.5	0.1	0.2%
45.7%	61.4	61.4	0.0	0.0%
46.9%	61.4	61.4	0.0	0.0%
48.1%	61.3	61.4	0.1	0.2%
49.4%	61.2	61.2	0.0	0.0%
50.6%	61.2	61.2	0.0	0.0%
51.9%	61.1	61.2	0.1	0.2%
53.1%	61.0	61.1	0.1	0.2%
54.3%	61.0	61.1	0.1	0.2%
55.6%	61.0	61.1	0.1	0.2%
56.8%	60.9	61.0	0.1	0.2%
58.0%	60.9	61.0	0.1	0.2%
59.3%	60.8	60.9	0.1	0.2%
60.5%	60.7	60.8	0.1	0.2%
61.7%	60.5	60.8	0.3	0.5%
63.0%	60.5	60.7	0.2	0.3%
64.2%	60.4	60.6	0.2	0.3%
65.4%	60.4	60.6	0.2	0.3%
66.7%	60.4	60.5	0.1	0.2%
67.9%	60.3	60.5	0.2	0.3%
69.1%	60.2	60.3	0.1	0.2%
70.4%	60.2	60.2	0.0	0.0%
71.6%	60.2	60.2	0.0	0.0%
72.8%	60.1	60.1	0.0	0.0%
74.1%	59.9	60.1	0.2	0.3%
75.3%	59.9	60.0	0.1	0.2%
76.5%	59.8	60.0	0.2	0.3%
77.8%	59.8	59.9	0.1	0.2%
79.0%	59.8	59.8	0.0	0.0%
80.2%	59.8	59.8	0.0	0.0%
81.5%	59.8	59.8	0.0	0.0%
82.7%	59.8	59.8	0.0	0.0%
84.0%	59.7	59.7	0.0	0.0%
85.2%	59.7	59.6	-0.1	-0.2%
86.4%	59.5	59.6	0.1	0.2%
87.7%	59.4	59.5	0.1	0.2%
88.9%	59.4	59.5	0.1	0.2%
90.1%	59.3	59.4	0.1	0.2%
91.4%	59.3	59.4	0.1	0.2%
92.6%	59.1	59.3	0.2	0.3%
93.8%	58.8	58.8	0.0	0.0%
95.1%	58.6	58.7	0.1	0.2%
96.3%	58.5	58.5	0.0	0.0%
97.5%	57.8	57.8	0.0	0.0%
98.8%	57.3	57.3	0.0	0.0%
100.0%	57.3	57.3	0.0	0.0%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.1	56.3	0.2	0.4%
1.2%	55.5	55.6	0.1	0.2%
2.5%	55.3	55.6	0.3	0.5%
3.7%	55.2	55.2	0.0	0.0%
4.9%	55.0	55.0	0.0	0.0%
6.2%	54.8	55.0	0.2	0.4%
7.4%	54.8	54.9	0.1	0.2%
8.6%	54.5	54.5	0.0	0.0%
9.9%	54.3	54.3	0.0	0.0%
11.1%	54.2	54.3	0.1	0.2%
12.3%	54.2	54.3	0.1	0.2%
13.6%	54.2	54.1	-0.1	-0.2%
14.8%	54.1	54.0	-0.1	-0.2%
16.0%	54.1	54.0	-0.1	-0.2%
17.3%	54.0	53.9	-0.1	-0.2%
18.5%	53.9	53.9	0.0	0.0%
19.8%	53.9	53.9	0.0	0.0%
21.0%	53.9	53.8	-0.1	-0.2%
22.2%	53.8	53.8	0.0	0.0%
23.5%	53.7	53.7	0.0	0.0%
24.7%	53.7	53.6	-0.1	-0.2%
25.9%	53.7	53.6	-0.1	-0.2%
27.2%	53.6	53.6	0.0	0.0%
28.4%	53.6	53.6	0.0	0.0%
29.6%	53.6	53.6	0.0	0.0%
30.9%	53.5	53.6	0.1	0.2%
32.1%	53.5	53.5	0.0	0.0%
33.3%	53.3	53.3	0.0	0.0%
34.6%	53.2	53.3	0.1	0.2%
35.8%	53.1	53.1	0.0	0.0%
37.0%	53.1	53.1	0.0	0.0%
38.3%	53.0	53.1	0.1	0.2%
39.5%	53.0	53.0	0.0	0.0%
40.7%	52.8	52.8	0.0	0.0%
42.0%	52.7	52.7	0.0	0.0%
43.2%	52.6	52.6	0.0	0.0%
44.4%	52.5	52.6	0.1	0.2%
45.7%	52.4	52.5	0.1	0.2%
46.9%	52.4	52.4	0.0	0.0%
48.1%	52.4	52.4	0.0	0.0%
49.4%	52.3	52.3	0.0	0.0%
50.6%	52.3	52.3	0.0	0.0%
51.9%	52.2	52.2	0.0	0.0%
53.1%	52.2	52.2	0.0	0.0%
54.3%	52.1	52.2	0.1	0.2%
55.6%	52.1	52.2	0.1	0.2%
56.8%	52.1	52.2	0.1	0.2%
58.0%	52.1	52.1	0.0	0.0%
59.3%	52.1	52.1	0.0	0.0%
60.5%	52.0	52.0	0.0	0.0%
61.7%	52.0	52.0	0.0	0.0%
63.0%	51.9	51.9	0.0	0.0%
64.2%	51.8	51.8	0.0	0.0%
65.4%	51.8	51.8	0.0	0.0%
66.7%	51.7	51.7	0.0	0.0%
67.9%	51.7	51.7	0.0	0.0%
69.1%	51.7	51.7	0.0	0.0%
70.4%	51.7	51.6	-0.1	-0.2%
71.6%	51.6	51.5	-0.1	-0.2%
72.8%	51.5	51.5	0.0	0.0%
74.1%	51.5	51.5	0.0	0.0%
75.3%	51.5	51.5	0.0	0.0%
76.5%	51.4	51.4	0.0	0.0%
77.8%	51.4	51.3	-0.1	-0.2%
79.0%	51.3	51.3	0.0	0.0%
80.2%	51.2	51.2	0.0	0.0%
81.5%	51.2	51.2	0.0	0.0%
82.7%	51.0	51.0	0.0	0.0%
84.0%	50.9	50.9	0.0	0.0%
85.2%	50.8	50.8	0.0	0.0%
86.4%	50.8	50.8	0.0	0.0%
87.7%	50.8	50.8	0.0	0.0%
88.9%	50.6	50.6	0.0	0.0%
90.1%	50.5	50.6	0.1	0.2%
91.4%	50.4	50.4	0.0	0.0%
92.6%	50.3	50.3	0.0	0.0%
93.8%	50.2	50.2	0.0	0.0%
95.1%	50.1	50.1	0.0	0.0%
96.3%	50.1	50.1	0.0	0.0%
97.5%	49.4	49.4	0.0	0.0%
98.8%	49.1	49.1	0.0	0.0%
100.0%	49.1	49.1	0.0	0.0%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	49.8	49.8	0.0	0.0%
1.2%	49.4	49.4	0.0	0.0%
2.5%	48.9	48.9	0.0	0.0%
3.7%	48.9	48.8	-0.1	-0.2%
4.9%	48.7	48.7	0.0	0.0%
6.2%	48.6	48.5	-0.1	-0.2%
7.4%	48.5	48.5	0.0	0.0%
8.6%	48.5	48.4	-0.1	-0.2%
9.9%	48.3	48.2	-0.1	-0.2%
11.1%	48.2	48.2	0.0	0.0%
12.3%	48.1	48.2	0.1	0.2%
13.6%	48.1	48.1	0.0	0.0%
14.8%	48.0	47.8	-0.2	-0.4%
16.0%	47.9	47.8	-0.1	-0.2%
17.3%	47.8	47.8	0.0	0.0%
18.5%	47.8	47.8	0.0	0.0%
19.8%	47.8	47.7	-0.1	-0.2%
21.0%	47.8	47.7	-0.1	-0.2%
22.2%	47.7	47.6	-0.1	-0.2%
23.5%	47.6	47.5	-0.1	-0.2%
24.7%	47.5	47.5	0.0	0.0%
25.9%	47.4	47.5	0.1	0.2%
27.2%	47.4	47.4	0.0	0.0%
28.4%	47.4	47.3	-0.1	-0.2%
29.6%	47.4	47.1	-0.3	-0.6%
30.9%	47.2	47.1	-0.1	-0.2%
32.1%	47.1	47.0	-0.1	-0.2%
33.3%	47.0	46.9	-0.1	-0.2%
34.6%	47.0	46.9	-0.1	-0.2%
35.8%	46.8	46.6	-0.2	-0.4%
37.0%	46.6	46.6	0.0	0.0%
38.3%	46.6	46.6	0.0	0.0%
39.5%	46.5	46.5	0.0	0.0%
40.7%	46.5	46.5	0.0	0.0%
42.0%	46.5	46.5	0.0	0.0%
43.2%	46.5	46.4	-0.1	-0.2%
44.4%	46.4	46.3	-0.1	-0.2%
45.7%	46.4	46.3	-0.1	-0.2%
46.9%	46.4	46.3	-0.1	-0.2%
48.1%	46.3	46.2	-0.1	-0.2%
49.4%	46.3	46.1	-0.2	-0.4%
50.6%	46.2	46.1	-0.1	-0.2%
51.9%	46.2	46.0	-0.2	-0.4%
53.1%	46.1	46.0	-0.1	-0.2%
54.3%	46.0	45.9	-0.1	-0.2%
55.6%	46.0	45.9	-0.1	-0.2%
56.8%	46.0	45.9	-0.1	-0.2%
58.0%	45.9	45.9	0.0	0.0%
59.3%	45.9	45.8	-0.1	-0.2%
60.5%	45.8	45.7	-0.1	-0.2%
61.7%	45.7	45.6	-0.1	-0.2%
63.0%	45.6	45.6	0.0	0.0%
64.2%	45.5	45.6	0.1	0.2%
65.4%	45.5	45.5	0.0	0.0%
66.7%	45.5	45.5	0.0	0.0%
67.9%	45.5	45.4	-0.1	-0.2%
69.1%	45.4	45.3	-0.1	-0.2%
70.4%	45.3	45.3	0.0	0.0%
71.6%	45.2	45.3	0.1	0.2%
72.8%	45.2	45.2	0.0	0.0%
74.1%	45.2	45.2	0.0	0.0%
75.3%	45.2	45.2	0.0	0.0%
76.5%	45.2	45.2	0.0	0.0%
77.8%	45.1	44.9	-0.2	-0.4%
79.0%	45.0	44.9	-0.1	-0.2%
80.2%	44.8	44.8	0.0	0.0%
81.5%	44.4	44.5	0.1	0.2%
82.7%	44.3	44.3	0.0	0.0%
84.0%	44.3	44.3	0.0	0.0%
85.2%	44.0	44.1	0.1	0.2%
86.4%	44.0	44.0	0.0	0.0%
87.7%	43.9	44.0	0.1	0.2%
88.9%	43.6	43.8	0.2	0.5%
90.1%	43.5	43.5	0.0	0.0%
91.4%	43.4	43.4	0.0	0.0%
92.6%	43.4	43.4	0.0	0.0%
93.8%	43.3	43.4	0.1	0.2%
95.1%	43.2	42.8	-0.4	-0.9%
96.3%	42.8	42.8	0.0	0.0%
97.5%	42.2	42.2	0.0	0.0%
98.8%	42.2	42.2	0.0	0.0%
100.0%	42.2	42.2	0.0	0.0%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	49.0	49.0	0.0	0.0%
1.2%	49.0	49.0	0.0	0.0%
2.5%	48.9	48.8	-0.1	-0.2%
3.7%	48.6	48.6	0.0	0.0%
4.9%	48.2	48.3	0.1	0.2%
6.2%	48.0	48.0	0.0	0.0%
7.4%	48.0	47.9	-0.1	-0.2%
8.6%	47.9	47.9	0.0	0.0%
9.9%	47.9	47.9	0.0	0.0%
11.1%	47.9	47.9	0.0	0.0%
12.3%	47.6	47.6	0.0	0.0%
13.6%	47.6	47.6	0.0	0.0%
14.8%	47.4	47.5	0.1	0.2%
16.0%	47.3	47.4	0.1	0.2%
17.3%	47.3	47.3	0.0	0.0%
18.5%	47.2	47.2	0.0	0.0%
19.8%	47.1	47.1	0.0	0.0%
21.0%	47.0	47.0	0.0	0.0%
22.2%	47.0	47.0	0.0	0.0%
23.5%	46.9	46.9	0.0	0.0%
24.7%	46.9	46.9	0.0	0.0%
25.9%	46.9	46.8	-0.1	-0.2%
27.2%	46.8	46.8	0.0	0.0%
28.4%	46.8	46.8	0.0	0.0%
29.6%	46.8	46.8	0.0	0.0%
30.9%	46.8	46.7	-0.1	-0.2%
32.1%	46.7	46.7	0.0	0.0%
33.3%	46.6	46.6	0.0	0.0%
34.6%	46.6	46.6	0.0	0.0%
35.8%	46.6	46.6	0.0	0.0%
37.0%	46.5	46.6	0.1	0.2%
38.3%	46.5	46.6	0.1	0.2%
39.5%	46.5	46.6	0.1	0.2%
40.7%	46.3	46.3	0.0	0.0%
42.0%	46.3	46.3	0.0	0.0%
43.2%	46.2	46.2	0.0	0.0%
44.4%	46.0	46.0	0.0	0.0%
45.7%	45.9	45.9	0.0	0.0%
46.9%	45.8	45.8	0.0	0.0%
48.1%	45.8	45.8	0.0	0.0%
49.4%	45.8	45.8	0.0	0.0%
50.6%	45.7	45.7	0.0	0.0%
51.9%	45.7	45.7	0.0	0.0%
53.1%	45.7	45.7	0.0	0.0%
54.3%	45.7	45.6	-0.1	-0.2%
55.6%	45.6	45.6	0.0	0.0%
56.8%	45.6	45.5	-0.1	-0.2%
58.0%	45.5	45.5	0.0	0.0%
59.3%	45.5	45.4	-0.1	-0.2%
60.5%	45.5	45.4	-0.1	-0.2%
61.7%	45.4	45.4	0.0	0.0%
63.0%	45.3	45.4	0.1	0.2%
64.2%	45.3	45.2	-0.1	-0.2%
65.4%	45.2	45.1	-0.1	-0.2%
66.7%	45.1	45.1	0.0	0.0%
67.9%	45.1	45.0	-0.1	-0.2%
69.1%	45.0	44.9	-0.1	-0.2%
70.4%	44.9	44.8	-0.1	-0.2%
71.6%	44.8	44.8	0.0	0.0%
72.8%	44.8	44.7	-0.1	-0.2%
74.1%	44.7	44.7	0.0	0.0%
75.3%	44.6	44.7	0.1	0.2%
76.5%	44.4	44.6	0.2	0.5%
77.8%	44.2	44.2	0.0	0.0%
79.0%	44.1	44.2	0.1	0.2%
80.2%	44.0	44.1	0.1	0.2%
81.5%	44.0	44.0	0.0	0.0%
82.7%	44.0	44.0	0.0	0.0%
84.0%	44.0	44.0	0.0	0.0%
85.2%	43.9	44.0	0.1	0.2%
86.4%	43.8	43.9	0.1	0.2%
87.7%	43.7	43.8	0.1	0.2%
88.9%	43.5	43.7	0.2	0.5%
90.1%	43.5	43.5	0.0	0.0%
91.4%	43.3	43.3	0.0	0.0%
92.6%	43.3	43.3	0.0	0.0%
93.8%	42.2	42.2	0.0	0.0%
95.1%	41.9	42.0	0.1	0.2%
96.3%	41.6	41.6	0.0	0.0%
97.5%	41.0	41.0	0.0	0.0%
98.8%	41.0	41.0	0.0	0.0%
100.0%	41.0	41.0	0.0	0.0%

Table SQ-17-3b

Feather River at the Mouth, Monthly Temperature

Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	54.1	54.0	-0.1	-0.2%
1.2%	53.1	53.1	0.0	0.0%
2.5%	53.0	53.0	0.0	0.0%
3.7%	52.9	52.8	-0.1	-0.2%
4.9%	52.4	52.3	-0.1	-0.2%
6.2%	52.3	52.3	0.0	0.0%
7.4%	52.2	52.2	0.0	0.0%
8.6%	52.2	52.1	-0.1	-0.2%
9.9%	52.1	52.1	0.0	0.0%
11.1%	52.1	52.1	0.0	0.0%
12.3%	52.1	51.8	-0.3	-0.6%
13.6%	51.7	51.7	0.0	0.0%
14.8%	51.6	51.7	0.1	0.2%
16.0%	51.5	51.5	0.0	0.0%
17.3%	51.5	51.5	0.0	0.0%
18.5%	51.5	51.5	0.0	0.0%
19.8%	51.4	51.4	0.0	0.0%
21.0%	51.3	51.3	0.0	0.0%
22.2%	51.3	51.2	-0.1	-0.2%
23.5%	51.2	51.2	0.0	0.0%
24.7%	51.2	51.2	0.0	0.0%
25.9%	51.2	51.1	-0.1	-0.2%
27.2%	51.0	51.1	0.1	0.2%
28.4%	51.0	51.0	0.0	0.0%
29.6%	51.0	51.0	0.0	0.0%
30.9%	50.8	50.8	0.0	0.0%
32.1%	50.8	50.8	0.0	0.0%
33.3%	50.7	50.7	0.0	0.0%
34.6%	50.6	50.6	0.0	0.0%
35.8%	50.6	50.6	0.0	0.0%
37.0%	50.4	50.4	0.0	0.0%
38.3%	50.4	50.4	0.0	0.0%
39.5%	50.4	50.4	0.0	0.0%
40.7%	50.4	50.4	0.0	0.0%
42.0%	50.4	50.4	0.0	0.0%
43.2%	50.3	50.3	0.0	0.0%
44.4%	50.2	50.2	0.0	0.0%
45.7%	50.2	50.2	0.0	0.0%
46.9%	50.1	50.1	0.0	0.0%
48.1%	50.1	50.1	0.0	0.0%
49.4%	50.1	50.1	0.0	0.0%
50.6%	50.1	50.0	-0.1	-0.2%
51.9%	50.0	50.0	0.0	0.0%
53.1%	50.0	50.0	0.0	0.0%
54.3%	50.0	50.0	0.0	0.0%
55.6%	50.0	49.9	-0.1	-0.2%
56.8%	49.9	49.9	0.0	0.0%
58.0%	49.9	49.9	0.0	0.0%
59.3%	49.8	49.8	0.0	0.0%
60.5%	49.6	49.6	0.0	0.0%
61.7%	49.6	49.6	0.0	0.0%
63.0%	49.6	49.6	0.0	0.0%
64.2%	49.4	49.4	0.0	0.0%
65.4%	49.4	49.4	0.0	0.0%
66.7%	49.4	49.4	0.0	0.0%
67.9%	49.3	49.3	0.0	0.0%
69.1%	49.3	49.3	0.0	0.0%
70.4%	49.3	49.3	0.0	0.0%
71.6%	49.2	49.3	0.1	0.2%
72.8%	49.2	49.2	0.0	0.0%
74.1%	49.1	49.2	0.1	0.2%
75.3%	49.1	49.1	0.0	0.0%
76.5%	49.1	49.1	0.0	0.0%
77.8%	49.0	49.0	0.0	0.0%
79.0%	48.9	48.9	0.0	0.0%
80.2%	48.9	48.9	0.0	0.0%
81.5%	48.9	48.9	0.0	0.0%
82.7%	48.8	48.8	0.0	0.0%
84.0%	48.8	48.8	0.0	0.0%
85.2%	48.7	48.7	0.0	0.0%
86.4%	48.5	48.5	0.0	0.0%
87.7%	48.4	48.4	0.0	0.0%
88.9%	48.3	48.4	0.1	0.2%
90.1%	48.3	48.3	0.0	0.0%
91.4%	48.1	48.1	0.0	0.0%
92.6%	48.0	48.0	0.0	0.0%
93.8%	48.0	48.0	0.0	0.0%
95.1%	48.0	48.0	0.0	0.0%
96.3%	47.5	47.5	0.0	0.0%
97.5%	47.4	47.4	0.0	0.0%
98.8%	47.3	47.3	0.0	0.0%
100.0%	47.3	47.3	0.0	0.0%

March

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	59.2	59.2	0.0	0.0%
1.2%	58.8	58.7	-0.1	-0.2%
2.5%	58.1	58.0	-0.1	-0.2%
3.7%	57.9	57.8	-0.1	-0.2%
4.9%	57.6	57.5	-0.1	-0.2%
6.2%	57.3	57.3	0.0	0.0%
7.4%	57.2	57.2	0.0	0.0%
8.6%	57.2	56.9	-0.3	-0.5%
9.9%	57.1	56.9	-0.2	-0.4%
11.1%	56.6	56.6	0.0	0.0%
12.3%	56.6	56.6	0.0	0.0%
13.6%	56.6	56.5	-0.1	-0.2%
14.8%	56.5	56.5	0.0	0.0%
16.0%	56.4	56.4	0.0	0.0%
17.3%	56.3	56.3	0.0	0.0%
18.5%	56.3	56.3	0.0	0.0%
19.8%	56.3	56.2	-0.1	-0.2%
21.0%	56.3	56.2	-0.1	-0.2%
22.2%	56.2	56.2	0.0	0.0%
23.5%	56.2	56.2	0.0	0.0%
24.7%	56.2	56.0	-0.2	-0.4%
25.9%	56.0	55.8	-0.2	-0.4%
27.2%	55.7	55.6	-0.1	-0.2%
28.4%	55.5	55.5	0.0	0.0%
29.6%	55.5	55.5	0.0	0.0%
30.9%	55.3	55.3	0.0	0.0%
32.1%	55.2	55.2	0.0	0.0%
33.3%	55.2	55.2	0.0	0.0%
34.6%	55.2	55.1	-0.1	-0.2%
35.8%	55.1	55.1	0.0	0.0%
37.0%	55.1	55.0	-0.1	-0.2%
38.3%	55.0	54.9	-0.1	-0.2%
39.5%	55.0	54.8	-0.2	-0.4%
40.7%	54.9	54.8	-0.1	-0.2%
42.0%	54.9	54.8	-0.1	-0.2%
43.2%	54.7	54.8	0.1	0.2%
44.4%	54.7	54.8	0.1	0.2%
45.7%	54.7	54.7	0.0	0.0%
46.9%	54.6	54.7	0.1	0.2%
48.1%	54.6	54.6	0.0	0.0%
49.4%	54.5	54.5	0.0	0.0%
50.6%	54.5	54.5	0.0	0.0%
51.9%	54.4	54.4	0.0	0.0%
53.1%	54.4	54.4	0.0	0.0%
54.3%	54.3	54.4	0.1	0.2%
55.6%	54.2	54.2	0.0	0.0%
56.8%	54.2	54.2	0.0	0.0%
58.0%	54.2	54.2	0.0	0.0%
59.3%	54.2	54.2	0.0	0.0%
60.5%	54.2	54.2	0.0	0.0%
61.7%	53.9	53.9	0.0	0.0%
63.0%	53.8	53.8	0.0	0.0%
64.2%	53.7	53.7	0.0	0.0%
65.4%	53.7	53.7	0.0	0.0%
66.7%	53.7	53.7	0.0	0.0%
67.9%	53.6	53.7	0.1	0.2%
69.1%	53.6	53.6	0.0	0.0%
70.4%	53.5	53.5	0.0	0.0%
71.6%	53.4	53.4	0.0	0.0%
72.8%	53.4	53.3	-0.1	-0.2%
74.1%	53.3	53.3	0.0	0.0%
75.3%	53.2	53.2	0.0	0.0%
76.5%	53.0	53.0	0.0	0.0%
77.8%	53.0	53.0	0.0	0.0%
79.0%	53.0	53.0	0.0	0.0%
80.2%	52.9	52.9	0.0	0.0%
81.5%	52.7	52.7	0.0	0.0%
82.7%	52.6	52.6	0.0	0.0%
84.0%	52.5	52.3	-0.2	-0.4%
85.2%	52.3	52.3	0.0	0.0%
86.4%	52.2	52.2	0.0	0.0%
87.7%	52.2	52.1	-0.1	-0.2%
88.9%	52.0	52.0	0.0	0.0%
90.1%	52.0	51.9	-0.1	-0.2%
91.4%	51.8	51.8	0.0	0.0%
92.6%	51.8	51.8	0.0	0.0%
93.8%	51.6	51.6	0.0	0.0%
95.1%	51.5	51.5	0.0	0.0%
96.3%	51.5	51.5	0.0	0.0%
97.5%	51.5	51.4	-0.1	-0.2%
98.8%	51.4	51.4	0.0	0.0%
100.0%	51.4	51.4	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	66.1	66.2	0.1	0.2%
1.2%	65.8	65.8	0.0	0.0%
2.5%	65.8	65.8	0.0	0.0%
3.7%	65.6	65.5	-0.1	-0.2%
4.9%	65.5	65.5	0.0	0.0%
6.2%	64.8	64.8	0.0	0.0%
7.4%	64.6	64.6	0.0	0.0%
8.6%	64.3	64.6	0.3	0.5%
9.9%	64.3	64.3	0.0	0.0%
11.1%	64.3	64.3	0.0	0.0%
12.3%	64.0	64.3	0.3	0.5%
13.6%	63.9	64.0	0.1	0.2%
14.8%	63.8	63.8	0.0	0.0%
16.0%	63.3	63.3	0.0	0.0%
17.3%	63.2	63.2	0.0	0.0%
18.5%	63.1	63.1	0.0	0.0%
19.8%	62.6	62.6	0.0	0.0%
21.0%	62.6	62.6	0.0	0.0%
22.2%	62.5	62.5	0.0	0.0%
23.5%	62.4	62.4	0.0	0.0%
24.7%	62.4	62.4	0.0	0.0%
25.9%	62.2	62.2	0.0	0.0%
27.2%	62.1	62.2	0.1	0.2%
28.4%	62.1	62.1	0.0	0.0%
29.6%	62.1	62.1	0.0	0.0%
30.9%	61.9	61.9	0.0	0.0%
32.1%	61.4	61.4	0.0	0.0%
33.3%	61.4	61.4	0.0	0.0%
34.6%	61.3	61.3	0.0	0.0%
35.8%	61.3	61.3	0.0	0.0%
37.0%	61.3	61.3	0.0	0.0%
38.3%	61.2	61.2	0.0	0.0%
39.5%	61.1	61.1	0.0	0.0%
40.7%	61.0	61.0	0.0	0.0%
42.0%	60.9	60.9	0.0	0.0%
43.2%	60.9	60.9	0.0	0.0%
44.4%	60.9	60.9	0.0	0.0%
45.7%	60.8	60.8	0.0	0.0%
46.9%	60.8	60.8	0.0	0.0%
48.1%	60.8	60.8	0.0	0.0%
49.4%	60.7	60.7	0.0	0.0%
50.6%	60.6	60.6	0.0	0.0%
51.9%	60.6	60.6	0.0	0.0%
53.1%	60.5	60.5	0.0	0.0%
54.3%	60.5	60.5	0.0	0.0%
55.6%	60.4	60.4	0.0	0.0%
56.8%	60.3	60.3	0.0	0.0%
58.0%	60.2	60.3	0.1	0.2%
59.3%	60.0	60.2	0.2	0.3%
60.5%	60.0	60.0	0.0	0.0%
61.7%	59.9	59.9	0.0	0.0%
63.0%	59.9	59.9	0.0	0.0%
64.2%	59.7	59.8	0.1	0.2%
65.4%	59.5	59.5	0.0	0.0%
66.7%	59.5	59.5	0.0	0.0%
67.9%	59.5	59.5	0.0	0.0%
69.1%	59.3	59.4	0.1	0.2%
70.4%	59.2	59.2	0.0	0.0%
71.6%	59.1	59.1	0.0	0.0%
72.8%	58.9	58.9	0.0	0.0%
74.1%	58.4	58.4	0.0	0.0%
75.3%	58.3	58.3	0.0	0.0%
76.5%	58.1	58.1	0.0	0.0%
77.8%	58.1	58.1	0.0	0.0%
79.0%	58.0	58.0	0.0	0.0%
80.2%	57.9	57.9	0.0	0.0%
81.5%	57.8	57.8	0.0	0.0%
82.7%	57.8	57.8	0.0	0.0%
84.0%	57.7	57.7	0.0	0.0%
85.2%	57.6	57.6	0.0	0.0%
86.4%	57.5	57.5	0.0	0.0%
87.7%	57.4	57.4	0.0	0.0%
88.9%	57.3	57.3	0.0	0.0%
90.1%	57.1	57.1	0.0	0.0%
91.4%	57.1	57.1	0.0	0.0%
92.6%	57.1	57.1	0.0	0.0%
93.8%	56.8	56.8	0.0	0.0%
95.1%	56.5	56.5	0.0	0.0%
96.3%	56.3	56.3	0.0	0.0%
97.5%	55.9	55.9	0.0	0.0%
98.8%	55.6	55.6	0.0	0.0%
100.0%	55.6	55.6	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	74.4	74.6	0.2	0.3%
1.2%	73.5	73.9	0.4	0.5%
2.5%	71.7	71.7	0.0	0.0%
3.7%	71.4	71.5	0.1	0.1%
4.9%	71.2	71.2	0.0	0.0%
6.2%	70.1	70.1	0.0	0.0%
7.4%	69.9	69.9	0.0	0.0%
8.6%	69.5	69.8	0.3	0.4%
9.9%	69.4	69.5	0.1	0.1%
11.1%	69.2	69.2	0.0	0.0%
12.3%	69.1	69.1	0.0	0.0%
13.6%	69.1	69.1	0.0	0.0%
14.8%	69.0	69.1	0.1	0.1%
16.0%	68.9	69.1	0.2	0.3%
17.3%	68.6	68.9	0.3	0.4%
18.5%	68.4	68.5	0.1	0.1%
19.8%	68.2	68.2	0.0	0.0%
21.0%	68.2	68.2	0.0	0.0%
22.2%	68.1	68.1	0.0	0.0%
23.5%	68.1	68.1	0.0	0.0%
24.7%	67.9	68.0	0.1	0.1%
25.9%	67.7	67.9	0.2	0.3%
27.2%	67.7	67.7	0.0	0.0%
28.4%	67.5	67.7	0.2	0.3%
29.6%	67.5	67.6	0.1	0.1%
30.9%	67.5	67.5	0.0	0.0%
32.1%	67.4	67.5	0.1	0.1%
33.3%	67.4	67.5	0.1	0.1%
34.6%	67.2	67.4	0.2	0.3%
35.8%	67.2	67.2	0.0	0.0%
37.0%	67.2	67.2	0.0	0.0%
38.3%	67.1	67.1	0.0	0.0%
39.5%	67.0	67.0	0.0	0.0%
40.7%	67.0	67.0	0.0	0.0%
42.0%	67.0	67.0	0.0	0.0%
43.2%	66.9	66.9	0.0	0.0%
44.4%	66.9	66.9	0.0	0.0%
45.7%	66.8	66.8	0.0	0.0%
46.9%	66.6	66.7	0.1	0.2%
48.1%	66.5	66.6	0.1	0.2%
49.4%	66.4	66.5	0.1	0.2%
50.6%	66.4	66.4	0.0	0.0%
51.9%	66.4	66.4	0.0	0.0%
53.1%	66.4	66.4	0.0	0.0%
54.3%	66.4	66.3	-0.1	-0.2%
55.6%	66.3	66.2	-0.1	-0.2%
56.8%	66.2	66.2	0.0	0.0%
58.0%	66.2	66.1	-0.1	-0.2%
59.3%	66.1	66.1	0.0	0.0%
60.5%	66.0	66.0	0.0	0.0%
61.7%	65.8	66.0	0.2	0.3%
63.0%	65.7	65.7	0.0	0.0%
64.2%	65.6	65.6	0.0	0.0%
65.4%	65.3	65.3	0.0	0.0%
66.7%	64.9	64.9	0.0	0.0%
67.9%	64.9	64.9	0.0	0.0%
69.1%	64.8	64.8	0.0	0.0%
70.4%	64.8	64.8	0.0	0.0%
71.6%	64.7	64.7	0.0	0.0%
72.8%	64.6	64.6	0.0	0.0%
74.1%	64.6	64.6	0.0	0.0%
75.3%	64.1	64.1	0.0	0.0%
76.5%	64.0	64.0	0.0	0.0%
77.8%	64.0	64.0	0.0	0.0%
79.0%	63.8	63.8	0.0	0.0%
80.2%	63.8	63.8	0.0	0.0%
81.5%	63.7	63.7	0.0	0.0%
82.7%	63.7	63.7	0.0	0.0%
84.0%	63.5	63.5	0.0	0.0%
85.2%	63.2	63.2	0.0	0.0%
86.4%	63.1	63.1	0.0	0.0%
87.7%	63.1	63.0	-0.1	-0.2%
88.9%	63.0	63.0	0.0	0.0%
90.1%	62.9	62.9	0.0	0.0%
91.4%	62.4	62.4	0.0	0.0%
92.6%	62.2	62.3	0.1	0.2%
93.8%	62.1	62.1	0.0	0.0%
95.1%	61.7	61.7	0.0	0.0%
96.3%	61.6	61.6	0.0	0.0%
97.5%	61.2	61.2	0.0	0.0%
98.8%	60.9	60.9	0.0	0.0%
100.0%	60.9	60.9	0.0	0.0%

Table SQ-17-3b

Feather River at the Mouth, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	75.7	76.1	0.4	0.5%
1.2%	75.5	75.6	0.1	0.1%
2.5%	75.5	75.2	-0.3	-0.4%
3.7%	75.1	75.2	0.1	0.1%
4.9%	75.0	74.7	-0.3	-0.4%
6.2%	74.6	74.6	0.0	0.0%
7.4%	74.6	74.4	-0.2	-0.3%
8.6%	74.6	74.3	-0.3	-0.4%
9.9%	74.1	73.9	-0.2	-0.3%
11.1%	73.8	73.9	0.1	0.1%
12.3%	73.7	73.7	0.0	0.0%
13.6%	73.6	73.7	0.1	0.1%
14.8%	73.5	73.5	0.0	0.0%
16.0%	73.4	73.5	0.1	0.1%
17.3%	73.2	73.4	0.2	0.3%
18.5%	73.2	73.2	0.0	0.0%
19.8%	73.2	73.2	0.0	0.0%
21.0%	73.2	73.2	0.0	0.0%
22.2%	73.2	73.2	0.0	0.0%
23.5%	73.2	73.1	-0.1	-0.1%
24.7%	72.9	73.0	0.1	0.1%
25.9%	72.9	73.0	0.1	0.1%
27.2%	72.8	72.8	0.0	0.0%
28.4%	72.8	72.8	0.0	0.0%
29.6%	72.7	72.8	0.1	0.1%
30.9%	72.4	72.4	0.0	0.0%
32.1%	72.3	72.3	0.0	0.0%
33.3%	72.3	72.3	0.0	0.0%
34.6%	72.2	72.2	0.0	0.0%
35.8%	72.2	72.1	-0.1	-0.1%
37.0%	72.1	72.1	0.0	0.0%
38.3%	72.1	72.1	0.0	0.0%
39.5%	72.1	72.1	0.0	0.0%
40.7%	72.0	72.1	0.1	0.1%
42.0%	72.0	72.0	0.0	0.0%
43.2%	71.9	72.0	0.1	0.1%
44.4%	71.9	71.9	0.0	0.0%
45.7%	71.7	71.7	0.0	0.0%
46.9%	71.7	71.6	-0.1	-0.1%
48.1%	71.7	71.6	-0.1	-0.1%
49.4%	71.6	71.6	0.0	0.0%
50.6%	71.5	71.5	0.0	0.0%
51.9%	71.4	71.5	0.1	0.1%
53.1%	71.3	71.4	0.1	0.1%
54.3%	71.3	71.4	0.1	0.1%
55.6%	71.1	71.3	0.2	0.3%
56.8%	71.1	71.2	0.1	0.1%
58.0%	71.0	70.9	-0.1	-0.1%
59.3%	71.0	70.9	-0.1	-0.1%
60.5%	70.9	70.8	-0.1	-0.1%
61.7%	70.8	70.8	0.0	0.0%
63.0%	70.8	70.7	-0.1	-0.1%
64.2%	70.7	70.7	0.0	0.0%
65.4%	70.6	70.6	0.0	0.0%
66.7%	70.6	70.5	-0.1	-0.1%
67.9%	70.3	70.3	0.0	0.0%
69.1%	70.1	70.1	0.0	0.0%
70.4%	70.1	70.1	0.0	0.0%
71.6%	70.1	70.0	-0.1	-0.1%
72.8%	70.0	70.0	0.0	0.0%
74.1%	70.0	69.9	-0.1	-0.1%
75.3%	69.6	69.7	0.1	0.1%
76.5%	69.6	69.6	0.0	0.0%
77.8%	69.5	69.5	0.0	0.0%
79.0%	69.5	69.4	-0.1	-0.1%
80.2%	69.4	69.2	-0.2	-0.3%
81.5%	69.4	69.2	-0.2	-0.3%
82.7%	69.2	69.0	-0.2	-0.3%
84.0%	69.0	69.0	0.0	0.0%
85.2%	69.0	68.9	-0.1	-0.1%
86.4%	69.0	68.8	-0.2	-0.3%
87.7%	68.9	68.7	-0.2	-0.3%
88.9%	68.5	68.5	0.0	0.0%
90.1%	68.4	68.3	-0.1	-0.1%
91.4%	67.8	67.8	0.0	0.0%
92.6%	67.4	67.4	0.0	0.0%
93.8%	67.4	67.4	0.0	0.0%
95.1%	67.4	67.2	-0.2	-0.3%
96.3%	67.0	66.8	-0.2	-0.3%
97.5%	65.8	65.8	0.0	0.0%
98.8%	65.7	65.7	0.0	0.0%
100.0%	65.7	65.7	0.0	0.0%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	77.4	79.1	1.7	2.2%
1.2%	77.0	77.8	0.8	1.0%
2.5%	76.4	76.9	0.5	0.7%
3.7%	76.4	76.4	0.0	0.0%
4.9%	76.3	76.3	0.0	0.0%
6.2%	76.3	75.3	-1.0	-1.3%
7.4%	76.1	75.2	-0.9	-1.2%
8.6%	75.5	75.1	-0.4	-0.5%
9.9%	75.3	75.1	-0.2	-0.3%
11.1%	75.1	75.0	-0.1	-0.1%
12.3%	75.1	75.0	-0.1	-0.1%
13.6%	75.0	74.9	-0.1	-0.1%
14.8%	74.8	74.7	-0.1	-0.1%
16.0%	74.8	74.7	-0.1	-0.1%
17.3%	74.6	74.7	0.1	0.1%
18.5%	74.6	74.2	-0.4	-0.5%
19.8%	74.5	74.2	-0.3	-0.4%
21.0%	74.3	74.2	-0.1	-0.1%
22.2%	74.1	74.1	0.0	0.0%
23.5%	74.1	74.1	0.0	0.0%
24.7%	74.1	74.1	0.0	0.0%
25.9%	74.0	74.0	0.0	0.0%
27.2%	74.0	74.0	0.0	0.0%
28.4%	73.9	73.9	0.0	0.0%
29.6%	73.9	73.7	-0.2	-0.3%
30.9%	73.9	73.6	-0.3	-0.4%
32.1%	73.9	73.6	-0.3	-0.4%
33.3%	73.9	73.5	-0.4	-0.5%
34.6%	73.6	73.5	-0.1	-0.1%
35.8%	73.6	73.5	-0.1	-0.1%
37.0%	73.5	73.5	0.0	0.0%
38.3%	73.5	73.4	-0.1	-0.1%
39.5%	73.4	73.4	0.0	0.0%
40.7%	73.4	73.4	0.0	0.0%
42.0%	73.4	73.3	-0.1	-0.1%
43.2%	73.3	73.3	0.0	0.0%
44.4%	73.3	73.3	0.0	0.0%
45.7%	73.3	73.3	0.0	0.0%
46.9%	73.2	73.2	0.0	0.0%
48.1%	73.2	73.2	0.0	0.0%
49.4%	73.1	73.2	0.1	0.1%
50.6%	73.0	73.1	0.1	0.1%
51.9%	73.0	73.0	0.0	0.0%
53.1%	73.0	73.0	0.0	0.0%
54.3%	73.0	73.0	0.0	0.0%
55.6%	72.8	72.9	0.1	0.1%
56.8%	72.7	72.8	0.1	0.1%
58.0%	72.7	72.8	0.1	0.1%
59.3%	72.6	72.7	0.1	0.1%
60.5%	72.6	72.7	0.1	0.1%
61.7%	72.6	72.7	0.1	0.1%
63.0%	72.6	72.6	0.0	0.0%
64.2%	72.6	72.6	0.0	0.0%
65.4%	72.6	72.5	-0.1	-0.1%
66.7%	72.5	72.5	0.0	0.0%
67.9%	72.3	72.3	0.0	0.0%
69.1%	72.2	72.3	0.1	0.1%
70.4%	72.2	72.2	0.0	0.0%
71.6%	72.1	72.0	-0.1	-0.1%
72.8%	72.0	72.0	0.0	0.0%
74.1%	72.0	72.0	0.0	0.0%
75.3%	71.9	72.0	0.1	0.1%
76.5%	71.9	72.0	0.1	0.1%
77.8%	71.9	71.9	0.0	0.0%
79.0%	71.9	71.9	0.0	0.0%
80.2%	71.9	71.9	0.0	0.0%
81.5%	71.8	71.8	0.0	0.0%
82.7%	71.7	71.8	0.1	0.1%
84.0%	71.7	71.7	0.0	0.0%
85.2%	71.6	71.7	0.1	0.1%
86.4%	71.5	71.6	0.1	0.1%
87.7%	71.1	71.6	0.5	0.7%
88.9%	71.0	71.1	0.1	0.1%
90.1%	70.9	71.0	0.1	0.1%
91.4%	70.9	70.9	0.0	0.0%
92.6%	70.9	70.9	0.0	0.0%
93.8%	70.7	70.7	0.0	0.0%
95.1%	70.7	70.7	0.0	0.0%
96.3%	70.5	70.5	0.0	0.0%
97.5%	70.5	70.4	-0.1	-0.1%
98.8%	70.4	70.2	-0.2	-0.3%
100.0%	70.4	70.2	-0.2	-0.3%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	78.2	78.5	0.3	0.4%
1.2%	77.0	77.0	0.0	0.0%
2.5%	77.0	77.0	0.0	0.0%
3.7%	76.7	76.7	0.0	0.0%
4.9%	76.3	76.0	-0.3	-0.4%
6.2%	76.0	75.9	-0.1	-0.1%
7.4%	75.9	75.7	-0.2	-0.3%
8.6%	75.9	75.5	-0.4	-0.5%
9.9%	75.7	75.2	-0.5	-0.7%
11.1%	75.7	75.2	-0.5	-0.7%
12.3%	75.4	75.2	-0.2	-0.3%
13.6%	75.2	75.0	-0.2	-0.3%
14.8%	74.4	75.0	0.6	0.8%
16.0%	74.4	75.0	0.6	0.8%
17.3%	74.3	74.7	0.4	0.5%
18.5%	74.3	74.5	0.2	0.3%
19.8%	74.1	74.5	0.4	0.5%
21.0%	73.9	74.4	0.5	0.7%
22.2%	73.8	74.2	0.4	0.5%
23.5%	73.7	74.1	0.4	0.5%
24.7%	73.6	74.1	0.5	0.7%
25.9%	73.6	74.0	0.4	0.5%
27.2%	73.5	74.0	0.5	0.7%
28.4%	73.5	73.7	0.2	0.3%
29.6%	73.5	73.7	0.2	0.3%
30.9%	73.4	73.7	0.3	0.4%
32.1%	73.3	73.5	0.2	0.3%
33.3%	73.2	73.5	0.3	0.4%
34.6%	73.2	73.4	0.2	0.3%
35.8%	73.1	73.0	-0.1	-0.1%
37.0%	72.9	73.0	0.1	0.1%
38.3%	72.9	73.0	0.1	0.1%
39.5%	72.8	72.9	0.1	0.1%
40.7%	72.8	72.9	0.1	0.1%
42.0%	72.8	72.8	0.0	0.0%
43.2%	72.7	72.6	-0.1	-0.1%
44.4%	72.6	72.5	-0.1	-0.1%
45.7%	72.6	72.4	-0.2	-0.3%
46.9%	72.6	72.3	-0.3	-0.4%
48.1%	72.6	72.3	-0.3	-0.4%
49.4%	72.6	72.1	-0.5	-0.7%
50.6%	72.5	72.1	-0.4	-0.6%
51.9%	72.3	72.1	-0.2	-0.3%
53.1%	72.3	72.0	-0.3	-0.4%
54.3%	72.3	72.0	-0.3	-0.4%
55.6%	72.2	71.8	-0.4	-0.6%
56.8%	71.9	71.8	-0.1	-0.1%
58.0%	71.9	71.8	-0.1	-0.1%
59.3%	71.8	71.7	-0.1	-0.1%
60.5%	71.7	71.6	-0.1	-0.1%
61.7%	71.6	71.6	0.0	0.0%
63.0%	71.6	71.5	-0.1	-0.1%
64.2%	71.6	71.3	-0.3	-0.4%
65.4%	71.5	71.3	-0.2	-0.3%
66.7%	71.3	71.3	0.0	0.0%
67.9%	71.3	71.3	0.0	0.0%
69.1%	71.3	71.2	-0.1	-0.1%
70.4%	71.2	71.2	0.0	0.0%
71.6%	71.2	71.1	-0.1	-0.1%
72.8%	71.1	71.0	-0.1	-0.1%
74.1%	71.0	70.9	-0.1	-0.1%
75.3%	71.0	70.8	-0.2	-0.3%
76.5%	70.8	70.8	0.0	0.0%
77.8%	70.8	70.8	0.0	0.0%
79.0%	70.7	70.7	0.0	0.0%
80.2%	70.7	70.6	-0.1	-0.1%
81.5%	70.5	70.5	0.0	0.0%
82.7%	70.5	70.5	0.0	0.0%
84.0%	70.3	70.4	0.1	0.1%
85.2%	70.3	70.4	0.1	0.1%
86.4%	70.3	70.4	0.1	0.1%
87.7%	70.1	70.3	0.2	0.3%
88.9%	70.0	70.2	0.2	0.3%
90.1%	70.0	70.0	0.0	0.0%
91.4%	69.9	69.9	0.0	0.0%
92.6%	69.8	69.9	0.1	0.1%
93.8%	69.6	69.5	-0.1	-0.1%
95.1%	69.6	69.5	-0.1	-0.1%
96.3%	69.5	69.3	-0.2	-0.3%
97.5%	69.3	69.1	-0.2	-0.3%
98.8%	69.0	69.0	0.0	0.0%
100.0%	69.0	69.0	0.0	0.0%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.9	74.0	0.1	0.1%
1.2%	73.1	73.1	0.0	0.0%
2.5%	72.9	73.0	0.1	0.1%
3.7%	72.4	72.7	0.3	0.4%
4.9%	72.2	72.2	0.0	0.0%
6.2%	72.1	72.1	0.0	0.0%
7.4%	71.9	72.0	0.1	0.1%
8.6%	71.9	71.9	0.0	0.0%
9.9%	71.9	71.8	-0.1	-0.1%
11.1%	71.9	71.8	-0.1	-0.1%
12.3%	71.7	71.6	-0.1	-0.1%
13.6%	71.7	71.6	-0.1	-0.1%
14.8%	71.5	71.6	0.1	0.1%
16.0%	71.3	71.4	0.1	0.1%
17.3%	71.2	71.1	-0.1	-0.1%
18.5%	71.1	70.9	-0.2	-0.3%
19.8%	71.0	70.9	-0.1	-0.1%
21.0%	70.8	70.9	0.1	0.1%
22.2%	70.8	70.7	-0.1	-0.1%
23.5%	70.6	70.5	-0.1	-0.1%
24.7%	70.5	70.2	-0.3	-0.4%
25.9%	70.4	70.1	-0.3	-0.4%
27.2%	70.2	69.9	-0.3	-0.4%
28.4%	70.2	69.9	-0.3	-0.4%
29.6%	70.1	69.9	-0.2	-0.3%
30.9%	70.1	69.7	-0.4	-0.6%
32.1%	69.9	69.6	-0.3	-0.4%
33.3%	69.8	69.6	-0.2	-0.3%
34.6%	69.7	69.6	-0.1	-0.1%
35.8%	69.6	69.4	-0.2	-0.3%
37.0%	69.6	69.3	-0.3	-0.4%
38.3%	69.5	69.2	-0.3	-0.4%
39.5%	69.4	69.1	-0.3	-0.4%
40.7%	69.2	69.1	-0.1	-0.1%
42.0%	69.1	68.8	-0.3	-0.4%
43.2%	69.0	68.8	-0.2	-0.3%
44.4%	69.0	68.8	-0.2	-0.3%
45.7%	68.9	68.6	-0.3	-0.4%
46.9%	68.9	68.4	-0.5	-0.7%
48.1%	68.8	68.3	-0.5	-0.7%
49.4%	68.4	68.3	-0.1	-0.1%
50.6%	68.3	68.3	0.0	0.0%
51.9%	68.3	68.1	-0.2	-0.3%
53.1%	68.3	67.8	-0.5	-0.7%
54.3%	68.2	67.7	-0.5	-0.7%
55.6%	68.0	67.7	-0.3	-0.4%
56.8%	67.9	67.6	-0.3	-0.4%
58.0%	67.8	67.6	-0.2	-0.3%
59.3%	67.8	67.5	-0.3	-0.4%
60.5%	67.7	67.5	-0.2	-0.3%
61.7%	67.7	67.5	-0.2	-0.3%
63.0%	67.7	67.2	-0.5	-0.7%
64.2%	67.2	67.2	0.0	0.0%
65.4%	67.2	67.2	0.0	0.0%
66.7%	67.2	67.1	-0.1	-0.1%
67.9%	67.2	67.0	-0.2	-0.3%
69.1%	67.2	66.9	-0.3	-0.4%
70.4%	67.1	66.7	-0.4	-0.6%
71.6%	67.1	66.7	-0.4	-0.6%
72.8%	66.9	66.7	-0.2	-0.3%
74.1%	66.9	66.7	-0.2	-0.3%
75.3%	66.7	66.6	-0.1	-0.1%
76.5%	66.7	66.4	-0.3	-0.4%
77.8%	66.7	66.3	-0.4	-0.6%
79.0%	66.6	66.3	-0.3	-0.5%
80.2%	66.5	66.2	-0.3	-0.5%
81.5%	66.4	66.1	-0.3	-0.5%
82.7%	66.1	66.0	-0.1	-0.2%
84.0%	66.0	66.0	0.0	0.0%
85.2%	66.0	66.0	0.0	0.0%
86.4%	65.9	65.9	0.0	0.0%
87.7%	65.6	65.9	0.3	0.5%
88.9%	65.5	65.8	0.3	0.5%
90.1%	65.5	65.5	0.0	0.0%
91.4%	65.4	65.5	0.1	0.2%
92.6%	65.2	65.4	0.2	0.3%
93.8%	64.9	65.0	0.1	0.2%
95.1%	63.8	63.8	0.0	0.0%
96.3%	63.4	63.4	0.0	0.0%
97.5%	63.1	63.1	0.0	0.0%
98.8%	63.0	62.9	-0.1	-0.2%
100.0%	63.0	62.9	-0.1	-0.2%

Table SQ-18-3a

American River below Nimbus Dam, Monthly Temperature

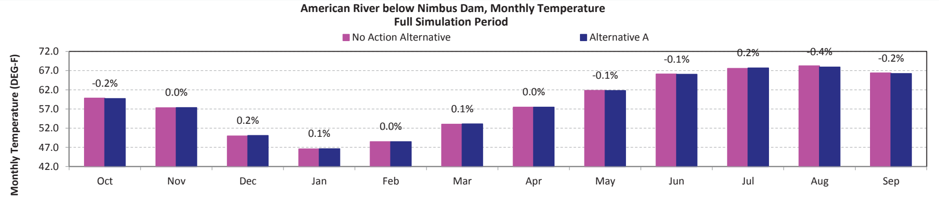
Long-term Average and Average by Water Year Type

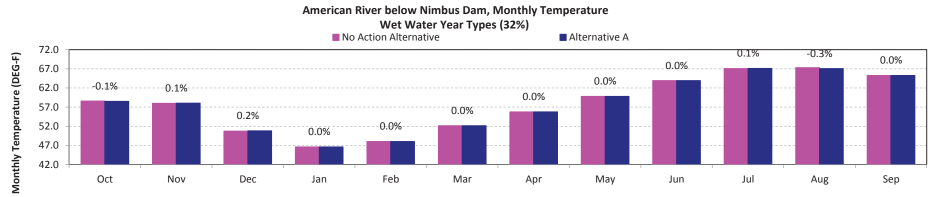
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	59.8	57.3	50.0	46.6	48.5	53.0	57.5	61.8	66.1	67.5	68.2	66.4
Alternative A	59.7	57.3	50.1	46.6	48.5	53.1	57.5	61.8	66.0	67.7	67.9	66.2
Difference	-0.1	0.0	0.1	0.0	0.0	0.1	0.0	-0.1	-0.1	0.1	-0.3	-0.1
Percent Difference[3]	-0.2%	0.0%	0.2%	0.1%	0.0%	0.1%	0.0%	-0.1%	-0.1%	0.2%	-0.4%	-0.2%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	58.6	58.0	50.7	46.6	48.0	52.1	55.8	59.8	63.9	67.0	67.3	65.2
Alternative A	58.5	58.0	50.8	46.6	48.0	52.1	55.7	59.8	63.9	67.1	67.1	65.3
Difference	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.2	0.0
Percent Difference	-0.1%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.3%	0.0%
Above Normal (15%)												
No Action Alternative	58.3	56.8	49.8	46.7	48.2	52.8	57.1	61.1	65.6	66.6	67.8	65.7
Alternative A	58.1	56.8	49.9	46.8	48.1	52.9	57.1	61.1	65.7	66.9	67.6	65.7
Difference	-0.2	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.3	-0.3	0.0
Percent Difference	-0.4%	0.0%	0.2%	0.1%	-0.1%	0.1%	0.0%	0.0%	0.1%	0.5%	-0.4%	0.1%
Below Normal (17%)												
No Action Alternative	58.1	57.0	50.1	46.2	47.4	52.9	57.5	61.1	65.7	66.3	68.3	66.6
Alternative A	58.0	57.1	50.2	46.2	47.4	53.1	57.5	61.1	65.6	67.2	67.8	66.2
Difference	0.0	0.0	0.1	0.0	0.0	0.2	-0.1	-0.1	-0.1	0.9	-0.5	-0.4
Percent Difference	0.0%	0.0%	0.1%	0.1%	-0.1%	0.4%	-0.1%	-0.2%	-0.1%	1.3%	-0.7%	-0.6%
Dry (22%)												
No Action Alternative	60.5	57.2	49.7	46.5	48.8	53.3	58.5	63.9	67.9	67.5	68.2	66.8
Alternative A	60.1	57.2	49.9	46.5	48.7	53.3	58.6	63.7	67.7	67.7	68.3	66.7
Difference	-0.4	0.0	0.2	0.0	-0.1	0.0	0.1	-0.2	-0.2	0.2	0.1	-0.1
Percent Difference	-0.7%	0.0%	0.4%	0.0%	-0.2%	0.0%	0.2%	-0.3%	-0.3%	0.3%	0.2%	-0.2%
Critical (15%)												
No Action Alternative	64.8	56.8	48.7	46.9	50.2	54.7	59.6	64.3	68.9	71.1	70.4	68.3
Alternative A	65.0	56.8	48.8	46.9	50.3	54.9	59.5	64.3	68.7	70.2	69.5	68.0
Difference	0.2	0.1	0.1	0.1	0.1	0.2	-0.1	0.0	-0.2	-0.8	-0.9	-0.3
Percent Difference	0.3%	0.1%	0.3%	0.2%	0.2%	0.4%	-0.1%	-0.1%	-0.3%	-1.2%	-1.3%	-0.5%

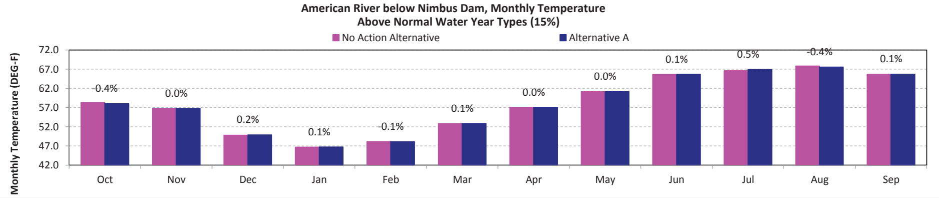
1 Based on the 82-year simulation period

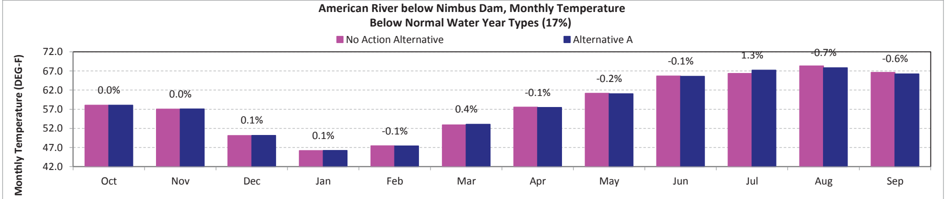
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

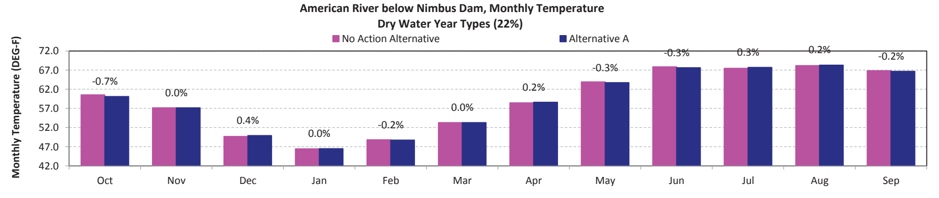
3 Relative difference of the monthly average


American River below Nimbus Dam, Monthly Temperature
Full Simulation Period


American River below Nimbus Dam, Monthly Temperature
Wet Water Year Types (32%)


American River below Nimbus Dam, Monthly Temperature
Above Normal Water Year Types (15%)


American River below Nimbus Dam, Monthly Temperature
Below Normal Water Year Types (17%)


American River below Nimbus Dam, Monthly Temperature
Dry Water Year Types (22%)

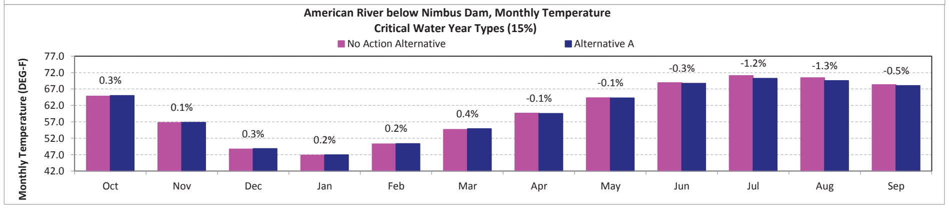

American River below Nimbus Dam, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-18-3b
American River below Nimbus Dam, Monthly Temperature
Probability of Exceedance

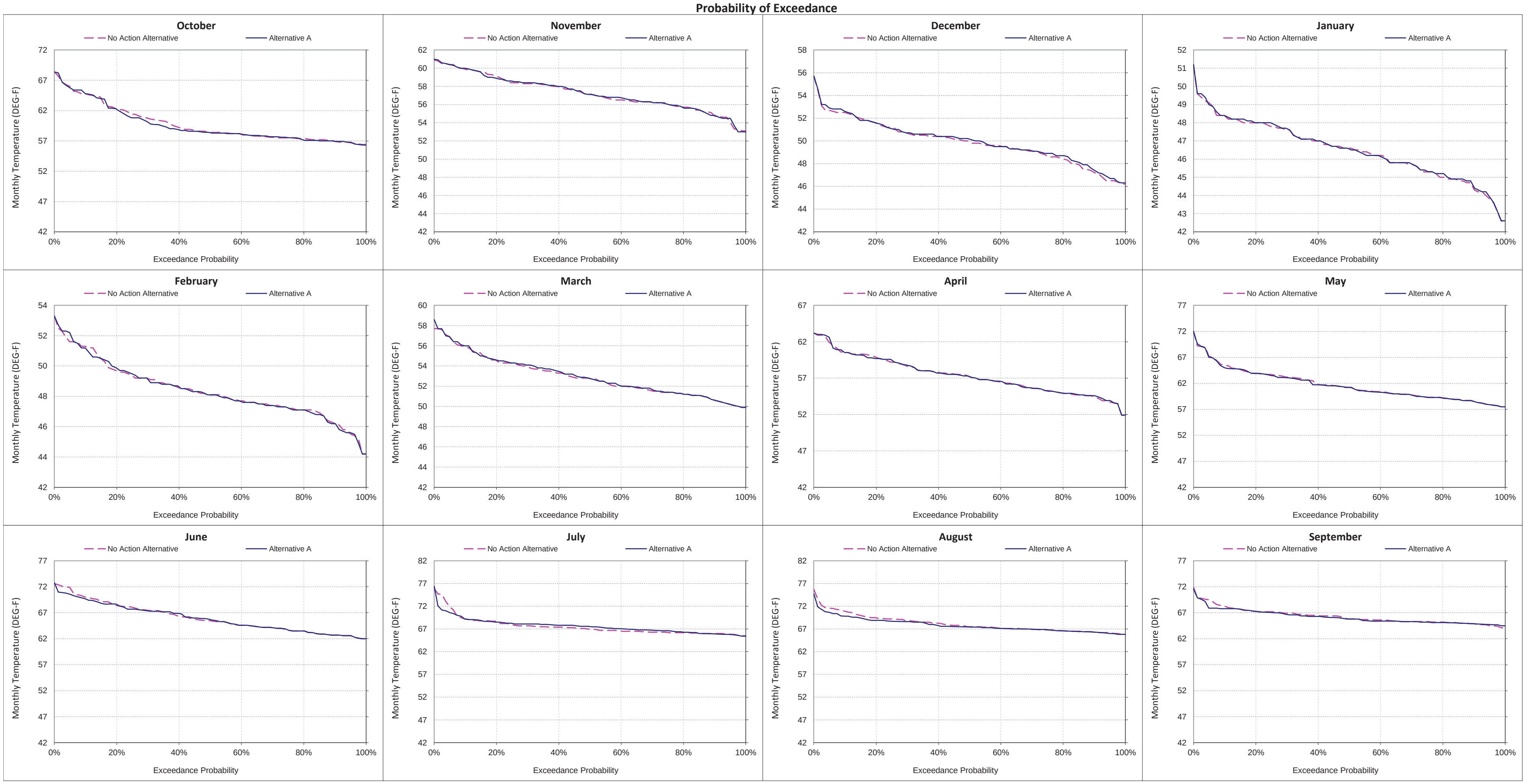


Table SQ-18-3b

American River below Nimbus Dam, Monthly Temperature
Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	68.4	68.4	0.0	0.0%
1.2%	67.7	68.2	0.5	0.7%
2.5%	66.7	66.7	0.0	0.0%
3.7%	66.3	66.2	-0.1	-0.2%
4.9%	66.0	65.8	-0.2	-0.3%
6.2%	65.2	65.4	0.2	0.3%
7.4%	65.1	65.4	0.3	0.5%
8.6%	64.8	65.4	0.6	0.9%
9.9%	64.8	64.8	0.0	0.0%
11.1%	64.6	64.7	0.1	0.2%
12.3%	64.5	64.6	0.1	0.2%
13.6%	64.4	64.1	-0.3	-0.5%
14.8%	64.2	64.0	-0.2	-0.3%
16.0%	62.9	63.9	1.0	1.6%
17.3%	62.7	62.4	-0.3	-0.5%
18.5%	62.6	62.4	-0.2	-0.3%
19.8%	62.3	62.3	0.0	0.0%
21.0%	62.2	61.9	-0.3	-0.5%
22.2%	62.1	61.5	-0.6	-1.0%
23.5%	61.8	61.1	-0.7	-1.1%
24.7%	61.4	60.8	-0.6	-1.0%
25.9%	61.4	60.8	-0.6	-1.0%
27.2%	61.1	60.8	-0.3	-0.5%
28.4%	60.9	60.5	-0.4	-0.7%
29.6%	60.8	60.2	-0.6	-1.0%
30.9%	60.6	59.8	-0.8	-1.3%
32.1%	60.5	59.7	-0.8	-1.3%
33.3%	60.4	59.7	-0.7	-1.2%
34.6%	60.3	59.5	-0.8	-1.3%
35.8%	60.2	59.3	-0.9	-1.5%
37.0%	59.8	59.0	-0.8	-1.3%
38.3%	59.5	59.0	-0.5	-0.8%
39.5%	59.3	58.9	-0.4	-0.7%
40.7%	59.1	58.7	-0.4	-0.7%
42.0%	58.9	58.7	-0.2	-0.3%
43.2%	58.9	58.6	-0.3	-0.5%
44.4%	58.8	58.6	-0.2	-0.3%
45.7%	58.6	58.6	0.0	0.0%
46.9%	58.6	58.5	-0.1	-0.2%
48.1%	58.6	58.4	-0.2	-0.3%
49.4%	58.4	58.4	0.0	0.0%
50.6%	58.4	58.3	-0.1	-0.2%
51.9%	58.4	58.3	-0.1	-0.2%
53.1%	58.4	58.3	-0.1	-0.2%
54.3%	58.3	58.3	0.0	0.0%
55.6%	58.3	58.2	-0.1	-0.2%
56.8%	58.2	58.2	0.0	0.0%
58.0%	58.2	58.2	0.0	0.0%
59.3%	58.2	58.2	0.0	0.0%
60.5%	58.1	58.0	-0.1	-0.2%
61.7%	58.0	58.0	0.0	0.0%
63.0%	57.9	57.9	0.0	0.0%
64.2%	57.8	57.9	0.1	0.2%
65.4%	57.8	57.9	0.1	0.2%
66.7%	57.7	57.8	0.1	0.2%
67.9%	57.7	57.8	0.1	0.2%
69.1%	57.6	57.7	0.1	0.2%
70.4%	57.6	57.7	0.1	0.2%
71.6%	57.5	57.7	0.2	0.3%
72.8%	57.5	57.6	0.1	0.2%
74.1%	57.5	57.6	0.1	0.2%
75.3%	57.5	57.5	0.0	0.0%
76.5%	57.5	57.5	0.0	0.0%
77.8%	57.4	57.5	0.1	0.2%
79.0%	57.4	57.3	-0.1	-0.2%
80.2%	57.4	57.1	-0.3	-0.5%
81.5%	57.3	57.1	-0.2	-0.3%
82.7%	57.2	57.1	-0.1	-0.2%
84.0%	57.2	57.1	-0.1	-0.2%
85.2%	57.2	57.0	-0.2	-0.3%
86.4%	57.2	57.0	-0.2	-0.3%
87.7%	57.1	57.0	-0.1	-0.2%
88.9%	57.1	57.0	-0.1	-0.2%
90.1%	56.9	56.9	0.0	0.0%
91.4%	56.8	56.9	0.1	0.2%
92.6%	56.8	56.9	0.1	0.2%
93.8%	56.8	56.8	0.0	0.0%
95.1%	56.7	56.8	0.1	0.2%
96.3%	56.6	56.5	-0.1	-0.2%
97.5%	56.5	56.4	-0.1	-0.2%
98.8%	56.4	56.3	-0.1	-0.2%
100.0%	56.4	56.3	-0.1	-0.2%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.9	61.0	0.1	0.2%
1.2%	60.8	60.9	0.1	0.2%
2.5%	60.5	60.6	0.1	0.2%
3.7%	60.5	60.5	0.0	0.0%
4.9%	60.4	60.4	0.0	0.0%
6.2%	60.4	60.3	-0.1	-0.2%
7.4%	60.0	60.1	0.1	0.2%
8.6%	60.0	60.0	0.0	0.0%
9.9%	59.9	60.0	0.1	0.2%
11.1%	59.8	59.9	0.1	0.2%
12.3%	59.8	59.8	0.0	0.0%
13.6%	59.7	59.7	0.0	0.0%
14.8%	59.6	59.6	0.0	0.0%
16.0%	59.6	59.2	-0.4	-0.7%
17.3%	59.3	59.0	-0.3	-0.5%
18.5%	59.3	59.0	-0.3	-0.5%
19.8%	59.1	58.9	-0.2	-0.3%
21.0%	59.0	58.8	-0.2	-0.3%
22.2%	58.7	58.8	0.1	0.2%
23.5%	58.6	58.6	0.0	0.0%
24.7%	58.4	58.6	0.2	0.3%
25.9%	58.4	58.5	0.1	0.2%
27.2%	58.4	58.5	0.1	0.2%
28.4%	58.3	58.4	0.1	0.2%
29.6%	58.3	58.4	0.1	0.2%
30.9%	58.3	58.4	0.1	0.2%
32.1%	58.3	58.4	0.1	0.2%
33.3%	58.3	58.3	0.0	0.0%
34.6%	58.2	58.3	0.1	0.2%
35.8%	58.2	58.2	0.0	0.0%
37.0%	58.1	58.1	0.0	0.0%
38.3%	58.0	58.1	0.1	0.2%
39.5%	58.0	58.0	0.0	0.0%
40.7%	57.9	58.0	0.1	0.2%
42.0%	57.7	57.9	0.2	0.3%
43.2%	57.7	57.7	0.0	0.0%
44.4%	57.6	57.7	0.1	0.2%
45.7%	57.5	57.5	0.0	0.0%
46.9%	57.4	57.5	0.1	0.2%
48.1%	57.2	57.2	0.0	0.0%
49.4%	57.2	57.1	-0.1	-0.2%
50.6%	57.1	57.1	0.0	0.0%
51.9%	57.0	57.0	0.0	0.0%
53.1%	56.9	56.9	0.0	0.0%
54.3%	56.8	56.9	0.1	0.2%
55.6%	56.7	56.8	0.1	0.2%
56.8%	56.6	56.8	0.2	0.4%
58.0%	56.5	56.8	0.3	0.5%
59.3%	56.5	56.8	0.3	0.5%
60.5%	56.5	56.7	0.2	0.4%
61.7%	56.4	56.6	0.2	0.4%
63.0%	56.4	56.5	0.1	0.2%
64.2%	56.3	56.5	0.2	0.4%
65.4%	56.3	56.4	0.1	0.2%
66.7%	56.3	56.3	0.0	0.0%
67.9%	56.3	56.3	0.0	0.0%
69.1%	56.3	56.3	0.0	0.0%
70.4%	56.3	56.2	-0.1	-0.2%
71.6%	56.2	56.2	0.0	0.0%
72.8%	56.2	56.2	0.0	0.0%
74.1%	56.2	56.1	-0.1	-0.2%
75.3%	56.0	56.0	0.0	0.0%
76.5%	55.9	55.9	0.0	0.0%
77.8%	55.8	55.9	0.1	0.2%
79.0%	55.8	55.8	0.0	0.0%
80.2%	55.7	55.6	-0.1	-0.2%
81.5%	55.7	55.6	-0.1	-0.2%
82.7%	55.6	55.6	0.0	0.0%
84.0%	55.4	55.5	0.1	0.2%
85.2%	55.4	55.4	0.0	0.0%
86.4%	55.2	55.2	0.0	0.0%
87.7%	55.2	55.0	-0.2	-0.4%
88.9%	55.1	54.8	-0.3	-0.5%
90.1%	54.7	54.8	0.1	0.2%
91.4%	54.7	54.6	-0.1	-0.2%
92.6%	54.6	54.5	-0.1	-0.2%
93.8%	54.6	54.5	-0.1	-0.2%
95.1%	54.0	54.5	0.5	0.9%
96.3%	53.3	53.7	0.4	0.8%
97.5%	53.3	53.0	-0.3	-0.6%
98.8%	53.1	53.0	-0.1	-0.2%
100.0%	53.1	53.0	-0.1	-0.2%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	55.7	55.7	0.0	0.0%
1.2%	54.5	54.6	0.1	0.2%
2.5%	53.1	53.2	0.1	0.2%
3.7%	52.7	53.2	0.5	0.9%
4.9%	52.7	52.9	0.2	0.4%
6.2%	52.6	52.8	0.2	0.4%
7.4%	52.5	52.8	0.3	0.6%
8.6%	52.5	52.8	0.3	0.6%
9.9%	52.5	52.6	0.1	0.2%
11.1%	52.4	52.5	0.1	0.2%
12.3%	52.3	52.4	0.1	0.2%
13.6%	52.1	52.1	0.0	0.0%
14.8%	52.0	51.8	-0.2	-0.4%
16.0%	51.9	51.8	-0.1	-0.2%
17.3%	51.8	51.8	0.0	0.0%
18.5%	51.7	51.7	0.0	0.0%
19.8%	51.6	51.6	0.0	0.0%
21.0%	51.4	51.5	0.1	0.2%
22.2%	51.3	51.4	0.1	0.2%
23.5%	51.2	51.2	0.0	0.0%
24.7%	51.2	51.1	-0.1	-0.2%
25.9%	51.1	51.0	-0.1	-0.2%
27.2%	50.8	51.0	0.2	0.4%
28.4%	50.8	50.8	0.0	0.0%
29.6%	50.7	50.7	0.0	0.0%
30.9%	50.6	50.7	0.1	0.2%
32.1%	50.5	50.6	0.1	0.2%
33.3%	50.5	50.6	0.1	0.2%
34.6%	50.5	50.6	0.1	0.2%
35.8%	50.5	50.6	0.1	0.2%
37.0%	50.4	50.6	0.2	0.4%
38.3%	50.4	50.6	0.2	0.4%
39.5%	50.4	50.4	0.0	0.0%
40.7%	50.4	50.4	0.0	0.0%
42.0%	50.3	50.4	0.1	0.2%
43.2%	50.3	50.4	0.1	0.2%
44.4%	50.2	50.4	0.2	0.4%
45.7%	50.1	50.3	0.2	0.4%
46.9%	50.1	50.2	0.1	0.2%
48.1%	50.0	50.2	0.2	0.4%
49.4%	50.0	50.2	0.2	0.4%
50.6%	49.8	50.1	0.3	0.6%
51.9%	49.8	50.0	0.2	0.4%
53.1%	49.8	50.0	0.2	0.4%
54.3%	49.7	49.9	0.2	0.4%
55.6%	49.6	49.7	0.1	0.2%
56.8%	49.6	49.6	0.0	0.0%
58.0%	49.6	49.5	-0.1	-0.2%
59.3%	49.6	49.5	-0.1	-0.2%
60.5%	49.5	49.5	0.0	0.0%
61.7%	49.5	49.5	0.0	0.0%
63.0%	49.4	49.3	-0.1	-0.2%
64.2%	49.3	49.3	0.0	0.0%
65.4%	49.3	49.3	0.0	0.0%
66.7%	49.2	49.2	0.0	0.0%
67.9%	49.2	49.2	0.0	0.0%
69.1%	49.1	49.2	0.1	0.2%
70.4%	49.1	49.1	0.0	0.0%
71.6%	49.1	49.1	0.0	0.0%
72.8%	48.9	49.0	0.1	0.2%
74.1%	48.8	48.9	0.1	0.2%
75.3%	48.6	48.9	0.3	0.6%
76.5%	48.6	48.9	0.3	0.6%
77.8%	48.6	48.7	0.1	0.2%
79.0%	48.5	48.7	0.2	0.4%
80.2%	48.4	48.7	0.3	0.6%
81.5%	48.3	48.6	0.3	0.6%
82.7%	48.0	48.3	0.3	0.6%
84.0%	48.0	48.2	0.2	0.4%
85.2%	47.9	48.1	0.2	0.4%
86.4%	47.5	47.9	0.4	0.8%
87.7%	47.5	47.9	0.4	0.8%
88.9%	47.4	47.6	0.2	0.4%
90.1%	47.2	47.4	0.2	0.4%
91.4%	47.1	47.2	0.1	0.2%
92.6%	46.8	47.1	0.3	0.6%
93.8%	46.5	46.9	0.4	0.9%
95.1%	46.5	46.7	0.2	0.4%
96.3%	46.5	46.7	0.2	0.4%
97.5%	46.4	46.4	0.0	0.0%
98.8%	46.2	46.3	0.1	0.2%
100.0%	46.2	46.3	0.1	0.2%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	51.2	51.2	0.0	0.0%
1.2%	49.6	49.6	0.0	0.0%
2.5%	49.4	49.6	0.2	0.4%
3.7%	49.2	49.4	0.2	0.4%
4.9%	49.1	49.0	-0.1	-0.2%
6.2%	48.9	48.9	0.0	0.0%
7.4%	48.4	48.6	0.2	0.4%
8.6%	48.4	48.4	0.0	0.0%
9.9%	48.4	48.4	0.0	0.0%
11.1%	48.2	48.3	0.1	0.2%
12.3%	48.2	48.2	0.0	0.0%
13.6%	48.2	48.2	0.0	0.0%
14.8%	48.1	48.2	0.1	0.2%
16.0%	48.0	48.2	0.2	0.4%
17.3%	48.0	48.1	0.1	0.2%
18.5%	48.0	48.1	0.1	0.2%
19.8%	48.0	48.0	0.0	0.0%
21.0%	48.0	48.0	0.0	0.0%
22.2%	48.0	48.0	0.0	0.0%
23.5%	47.9	48.0	0.1	0.2%
24.7%	47.8	48.0	0.2	0.4%
25.9%	47.8	47.9	0.1	0.2%
27.2%	47.7	47.8	0.1	0.2%
28.4%	47.7	47.7	0.0	0.0%
29.6%	47.6	47.7	0.1	0.2%
30.9%	47.6	47.6	0.0	0.0%
32.1%	47.3	47.3	0.0	0.0%
33.3%	47.3	47.2	-0.1	-0.2%
34.6%	47.1	47.1	0.0	0.0%
35.8%	47.1	47.1	0.0	0.0%
37.0%	47.1	47.1	0.0	0.0%
38.3%	47.0	47.1	0.1	0.2%
39.5%	47.0	47.0	0.0	0.0%
40.7%	47.0	47.0	0.0	0.0%
42.0%	46.8	46.9	0.1	0.2%
43.2%	46.8	46.8	0.0	0.0%
44.4%	46.7	46.7	0.0	0.0%
45.7%	46.7	46.7	0.0	0.0%
46.9%	46.7	46.6	-0.1	-0.2%
48.1%	46.6	46.6	0.0	0.0%
49.4%	46.6	46.6	0.0	0.0%
50.6%	46.6	46.5	-0.1	-0.2%
51.9%	46.5	46.5	0.0	0.0%
53.1%	46.5	46.4	-0.1	-0.2%
54.3%	46.4	46.3	-0.1	-0.2%
55.6%	46.4	46.2	-0.2	-0.4%
56.8%	46.3	46.2	-0.1	-0.2%
58.0%	46.2	46.2	0.0	0.0%
59.3%	46.2	46.2	0.0	0.0%
60.5%	46.2	46.1	-0.1	-0.2%
61.7%	46.1	46.0	-0.1	-0.2%
63.0%	45.8	45.8	0.0	0.0%
64.2%	45.8	45.8	0.0	0.0%
65.4%	45.8	45.8	0.0	0.0%
66.7%	45.8	45.8	0.0	0.0%
67.9%	45.8	45.8	0.0	0.0%
69.1%	45.7	45.8	0.1	0.2%
70.4%	45.7	45.7	0.0	0.0%
71.6%	45.6	45.6	0.0	0.0%
72.8%	45.4	45.4	0.0	0.0%
74.1%	45.3	45.4	0.1	0.2%
75.3%	45.3	45.3	0.0	0.0%
76.5%	45.3	45.3	0.0	0.0%
77.8%	45.2	45.2	0.0	0.0%
79.0%	45.0	45.2	0.2	0.4%
80.2%	45.0	45.2	0.2	0.4%
81.5%	44.9	45.0	0.1	0.2%
82.7%	44.9	44.9	0.0	0.0%
84.0%	44.9	44.9	0.0	0.0%
85.2%	44.8	44.9	0.1	0.2%
86.4%	44.8	44.9	0.1	0.2%
87.7%	44.7	44.8	0.1	0.2%
88.9%	44.7	44.8	0.1	0.2%
90.1%	44.3	44.4	0.1	0.2%
91.4%	44.2	44.3	0.1	0.2%
92.6%	44.2	44.2	0.0	0.0%
93.8%	44.0	44.2	0.2	0.5%
95.1%	43.8	43.9	0.1	0.2%
96.3%	43.6	43.6	0.0	0.0%
97.5%	43.1	43.1	0.0	0.0%
98.8%	42.6	42.6	0.0	0.0%
100.0%	42.6	42.6	0.0	0.0%

Table SQ-18-3b

American River below Nimbus Dam, Monthly Temperature
Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	53.3	53.3	0.0	0.0%
1.2%	52.5	52.7	0.2	0.4%
2.5%	52.3	52.3	0.0	0.0%
3.7%	51.9	52.3	0.4	0.8%
4.9%	51.6	52.2	0.6	1.2%
6.2%	51.6	51.6	0.0	0.0%
7.4%	51.6	51.5	-0.1	-0.2%
8.6%	51.3	51.2	-0.1	-0.2%
9.9%	51.3	51.2	-0.1	-0.2%
11.1%	51.2	50.9	-0.3	-0.6%
12.3%	51.2	50.6	-0.6	-1.2%
13.6%	50.8	50.6	-0.2	-0.4%
14.8%	50.5	50.5	0.0	0.0%
16.0%	50.3	50.4	0.1	0.2%
17.3%	49.9	50.3	0.4	0.8%
18.5%	49.8	50.0	0.2	0.4%
19.8%	49.7	49.9	0.2	0.4%
21.0%	49.6	49.7	0.1	0.2%
22.2%	49.6	49.7	0.1	0.2%
23.5%	49.5	49.6	0.1	0.2%
24.7%	49.4	49.5	0.1	0.2%
25.9%	49.2	49.4	0.2	0.4%
27.2%	49.2	49.2	0.0	0.0%
28.4%	49.2	49.2	0.0	0.0%
29.6%	49.2	49.2	0.0	0.0%
30.9%	49.1	48.9	-0.2	-0.4%
32.1%	49.1	48.9	-0.2	-0.4%
33.3%	48.9	48.9	0.0	0.0%
34.6%	48.9	48.8	-0.1	-0.2%
35.8%	48.8	48.8	0.0	0.0%
37.0%	48.8	48.8	0.0	0.0%
38.3%	48.7	48.7	0.0	0.0%
39.5%	48.6	48.7	0.1	0.2%
40.7%	48.5	48.5	0.0	0.0%
42.0%	48.5	48.5	0.0	0.0%
43.2%	48.5	48.4	-0.1	-0.2%
44.4%	48.4	48.3	-0.1	-0.2%
45.7%	48.3	48.3	0.0	0.0%
46.9%	48.2	48.3	0.1	0.2%
48.1%	48.2	48.2	0.0	0.0%
49.4%	48.1	48.1	0.0	0.0%
50.6%	48.1	48.1	0.0	0.0%
51.9%	48.1	48.1	0.0	0.0%
53.1%	48.1	48.0	-0.1	-0.2%
54.3%	48.0	47.9	-0.1	-0.2%
55.6%	47.9	47.9	0.0	0.0%
56.8%	47.8	47.8	0.0	0.0%
58.0%	47.8	47.7	-0.1	-0.2%
59.3%	47.7	47.7	0.0	0.0%
60.5%	47.7	47.6	-0.1	-0.2%
61.7%	47.6	47.6	0.0	0.0%
63.0%	47.6	47.6	0.0	0.0%
64.2%	47.6	47.6	0.0	0.0%
65.4%	47.5	47.5	0.0	0.0%
66.7%	47.5	47.5	0.0	0.0%
67.9%	47.5	47.4	-0.1	-0.2%
69.1%	47.4	47.4	0.0	0.0%
70.4%	47.4	47.4	0.0	0.0%
71.6%	47.4	47.3	-0.1	-0.2%
72.8%	47.3	47.3	0.0	0.0%
74.1%	47.3	47.3	0.0	0.0%
75.3%	47.2	47.2	0.0	0.0%
76.5%	47.2	47.1	-0.1	-0.2%
77.8%	47.1	47.1	0.0	0.0%
79.0%	47.1	47.1	0.0	0.0%
80.2%	47.1	47.1	0.0	0.0%
81.5%	47.1	47.0	-0.1	-0.2%
82.7%	47.1	46.9	-0.2	-0.4%
84.0%	47.0	46.8	-0.2	-0.4%
85.2%	46.9	46.8	-0.1	-0.2%
86.4%	46.7	46.7	0.0	0.0%
87.7%	46.4	46.3	-0.1	-0.2%
88.9%	46.3	46.2	-0.1	-0.2%
90.1%	46.2	46.2	0.0	0.0%
91.4%	46.1	45.8	-0.3	-0.7%
92.6%	45.8	45.7	-0.1	-0.2%
93.8%	45.8	45.6	-0.2	-0.4%
95.1%	45.5	45.6	0.1	0.2%
96.3%	45.4	45.5	0.1	0.2%
97.5%	45.2	44.9	-0.3	-0.7%
98.8%	44.2	44.2	0.0	0.0%
100.0%	44.2	44.2	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	57.7	58.6	0.9	1.6%
1.2%	57.7	57.7	0.0	0.0%
2.5%	57.6	57.7	0.1	0.2%
3.7%	57.1	57.0	-0.1	-0.2%
4.9%	56.9	56.9	0.0	0.0%
6.2%	56.4	56.4	0.0	0.0%
7.4%	56.1	56.4	0.3	0.5%
8.6%	56.0	56.1	0.1	0.2%
9.9%	55.9	56.0	0.1	0.2%
11.1%	55.8	56.0	0.2	0.4%
12.3%	55.5	55.4	-0.1	-0.2%
13.6%	55.3	55.3	0.0	0.0%
14.8%	55.3	55.0	-0.3	-0.5%
16.0%	54.9	55.0	0.1	0.2%
17.3%	54.9	54.8	-0.1	-0.2%
18.5%	54.6	54.7	0.1	0.2%
19.8%	54.6	54.6	0.0	0.0%
21.0%	54.3	54.5	0.2	0.4%
22.2%	54.3	54.5	0.2	0.4%
23.5%	54.3	54.4	0.1	0.2%
24.7%	54.3	54.3	0.0	0.0%
25.9%	54.2	54.3	0.1	0.2%
27.2%	54.1	54.2	0.1	0.2%
28.4%	54.0	54.2	0.2	0.4%
29.6%	54.0	54.1	0.1	0.2%
30.9%	53.8	54.1	0.3	0.6%
32.1%	53.7	54.0	0.3	0.6%
33.3%	53.7	53.8	0.1	0.2%
34.6%	53.6	53.8	0.2	0.4%
35.8%	53.5	53.7	0.2	0.4%
37.0%	53.5	53.7	0.2	0.4%
38.3%	53.4	53.6	0.2	0.4%
39.5%	53.3	53.5	0.2	0.4%
40.7%	53.3	53.4	0.1	0.2%
42.0%	53.2	53.2	0.0	0.0%
43.2%	53.0	53.2	0.2	0.4%
44.4%	52.9	53.2	0.3	0.6%
45.7%	52.8	53.0	0.2	0.4%
46.9%	52.8	52.9	0.1	0.2%
48.1%	52.8	52.9	0.1	0.2%
49.4%	52.8	52.8	0.0	0.0%
50.6%	52.7	52.7	0.0	0.0%
51.9%	52.7	52.6	-0.1	-0.2%
53.1%	52.5	52.5	0.0	0.0%
54.3%	52.5	52.5	0.0	0.0%
55.6%	52.3	52.3	0.0	0.0%
56.8%	52.1	52.3	0.2	0.4%
58.0%	52.0	52.3	0.3	0.6%
59.3%	52.0	52.1	0.1	0.2%
60.5%	52.0	52.0	0.0	0.0%
61.7%	52.0	52.0	0.0	0.0%
63.0%	51.9	52.0	0.1	0.2%
64.2%	51.9	51.9	0.0	0.0%
65.4%	51.8	51.9	0.1	0.2%
66.7%	51.8	51.8	0.0	0.0%
67.9%	51.7	51.8	0.1	0.2%
69.1%	51.6	51.8	0.2	0.4%
70.4%	51.5	51.6	0.1	0.2%
71.6%	51.5	51.5	0.0	0.0%
72.8%	51.4	51.5	0.1	0.2%
74.1%	51.4	51.4	0.0	0.0%
75.3%	51.4	51.4	0.0	0.0%
76.5%	51.4	51.4	0.0	0.0%
77.8%	51.3	51.3	0.0	0.0%
79.0%	51.3	51.3	0.0	0.0%
80.2%	51.2	51.2	0.0	0.0%
81.5%	51.2	51.2	0.0	0.0%
82.7%	51.1	51.1	0.0	0.0%
84.0%	51.1	51.1	0.0	0.0%
85.2%	51.1	51.1	0.0	0.0%
86.4%	51.0	51.0	0.0	0.0%
87.7%	50.9	50.9	0.0	0.0%
88.9%	50.7	50.7	0.0	0.0%
90.1%	50.6	50.6	0.0	0.0%
91.4%	50.5	50.5	0.0	0.0%
92.6%	50.4	50.4	0.0	0.0%
93.8%	50.3	50.3	0.0	0.0%
95.1%	50.2	50.2	0.0	0.0%
96.3%	50.1	50.1	0.0	0.0%
97.5%	50.0	50.0	0.0	0.0%
98.8%	49.9	49.9	0.0	0.0%
100.0%	49.9	49.9	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	63.2	63.2	0.0	0.0%
1.2%	62.9	63.0	0.1	0.2%
2.5%	62.9	63.0	0.1	0.2%
3.7%	62.7	62.9	0.2	0.3%
4.9%	61.9	62.6	0.7	1.1%
6.2%	61.5	61.1	-0.4	-0.7%
7.4%	61.1	60.9	-0.2	-0.3%
8.6%	60.6	60.9	0.3	0.5%
9.9%	60.6	60.5	-0.1	-0.2%
11.1%	60.5	60.5	0.0	0.0%
12.3%	60.3	60.3	0.0	0.0%
13.6%	60.3	60.2	-0.1	-0.2%
14.8%	60.3	60.2	-0.1	-0.2%
16.0%	60.3	60.1	-0.2	-0.3%
17.3%	60.2	59.8	-0.4	-0.7%
18.5%	60.1	59.8	-0.3	-0.5%
19.8%	59.9	59.7	-0.2	-0.3%
21.0%	59.7	59.7	0.0	0.0%
22.2%	59.6	59.6	0.0	0.0%
23.5%	59.4	59.6	0.2	0.3%
24.7%	59.2	59.6	0.4	0.7%
25.9%	59.2	59.2	0.0	0.0%
27.2%	59.0	59.1	0.1	0.2%
28.4%	58.9	58.9	0.0	0.0%
29.6%	58.7	58.8	0.1	0.2%
30.9%	58.5	58.7	0.2	0.3%
32.1%	58.5	58.5	0.0	0.0%
33.3%	58.1	58.1	0.0	0.0%
34.6%	58.0	58.0	0.0	0.0%
35.8%	58.0	58.0	0.0	0.0%
37.0%	58.0	58.0	0.0	0.0%
38.3%	57.9	57.9	0.0	0.0%
39.5%	57.9	57.7	-0.2	-0.3%
40.7%	57.7	57.7	0.0	0.0%
42.0%	57.7	57.6	-0.1	-0.2%
43.2%	57.6	57.5	-0.1	-0.2%
44.4%	57.6	57.5	-0.1	-0.2%
45.7%	57.5	57.5	0.0	0.0%
46.9%	57.5	57.4	-0.1	-0.2%
48.1%	57.5	57.3	-0.2	-0.3%
49.4%	57.3	57.3	0.0	0.0%
50.6%	57.1	57.1	0.0	0.0%
51.9%	57.0	57.0	0.0	0.0%
53.1%	56.8	56.8	0.0	0.0%
54.3%	56.8	56.8	0.0	0.0%
55.6%	56.8	56.8	0.0	0.0%
56.8%	56.7	56.7	0.0	0.0%
58.0%	56.6	56.6	0.0	0.0%
59.3%	56.5	56.6	0.1	0.2%
60.5%	56.5	56.5	0.0	0.0%
61.7%	56.3	56.2	-0.1	-0.2%
63.0%	56.3	56.2	-0.1	-0.2%
64.2%	56.1	56.2	0.1	0.2%
65.4%	56.1	56.1	0.0	0.0%
66.7%	56.0	55.8	-0.2	-0.4%
67.9%	55.8	55.7	-0.1	-0.2%
69.1%	55.7	55.7	0.0	0.0%
70.4%	55.6	55.6	0.0	0.0%
71.6%	55.6	55.6	0.0	0.0%
72.8%	55.5	55.5	0.0	0.0%
74.1%	55.3	55.3	0.0	0.0%
75.3%	55.3	55.2	-0.1	-0.2%
76.5%	55.2	55.2	0.0	0.0%
77.8%	55.1	55.1	0.0	0.0%
79.0%	55.0	55.0	0.0	0.0%
80.2%	54.9	54.9	0.0	0.0%
81.5%	54.9	54.9	0.0	0.0%
82.7%	54.8	54.9	0.1	0.2%
84.0%	54.7	54.8	0.1	0.2%
85.2%	54.7	54.7	0.0	0.0%
86.4%	54.6	54.7	0.1	0.2%
87.7%	54.6	54.6	0.0	0.0%
88.9%	54.6	54.6	0.0	0.0%
90.1%	54.4	54.6	0.2	0.4%
91.4%	54.2	54.4	0.2	0.4%
92.6%	53.9	54.2	0.3	0.6%
93.8%	53.9	53.9	0.0	0.0%
95.1%	53.7	53.9	0.2	0.4%
96.3%	53.6	53.6	0.0	0.0%
97.5%	53.5	53.5	0.0	0.0%
98.8%	51.9	51.9	0.0	0.0%
100.0%	51.9	51.9	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	72.1	71.9	-0.2	-0.3%
1.2%	69.2	69.6	0.4	0.6%
2.5%	69.1	69.1	0.0	0.0%
3.7%	69.0	68.8	-0.2	-0.3%
4.9%	67.2	67.0	-0.2	-0.3%
6.2%	67.0	66.9	-0.1	-0.1%
7.4%	66.4	66.3	-0.1	-0.2%
8.6%	65.7	65.4	-0.3	-0.5%
9.9%	65.4	65.0	-0.4	-0.6%
11.1%	65.4	64.8	-0.6	-0.9%
12.3%	64.9	64.8	-0.1	-0.2%
13.6%	64.9	64.8	-0.1	-0.2%
14.8%	64.7	64.7	0.0	0.0%
16.0%	64.4	64.6	0.2	0.3%
17.3%	64.2	64.3	0.1	0.2%
18.5%	64.0	63.9	-0.1	-0.2%
19.8%	63.9	63.9	0.0	0.0%
21.0%	63.9	63.9	0.0	0.0%
22.2%	63.7	63.8	0.1	0.2%
23.5%	63.7	63.7	0.0	0.0%
24.7%	63.7	63.5	-0.2	-0.3%
25.9%	63.6	63.4	-0.2	-0.3%
27.2%	63.5	63.1	-0.4	-0.6%
28.4%	63.4	63.1	-0.3	-0.5%
29.6%	63.2	63.1	-0.1	-0.2%
30.9%	63.2	63.0	-0.2	-0.3%
32.1%	63.1	62.9	-0.2	-0.3%
33.3%	63.0	62.8	-0.2	-0.3%
34.6%	62.9	62.6	-0.3	-0.5%
35.8%	62.6	62.6	0.0	0.0%
37.0%	62.6	62.6	0.0	0.0%
38.3%	62.5	61.7	-0.8	-1.3%
39.5%	61.8	61.7	-0.1	-0.2%
40.7%	61.7	61.7	0.0	0.0%
42.0%	61.7	61.6	-0.1	-0.2%
43.2%	61.7	61.5	-0.2	-0.3%
44.4%	61.6	61.5	-0.1	-0.2%
45.7%	61.5	61.5	0.0	0.0%
46.9%	61.4	61.4	0.0	0.0%
48.1%	61.2	61.3	0.1	0.2%
49.4%	61.2	61.2	0.0	0.0%
50.6%	61.2	61.2	0.0	0.0%
51.9%	60.8	60.8	0.0	0.0%
53.1%	60.7	60.6	-0.1	-0.2%
54.3%	60.6	60.6	0.0	0.0%
55.6%	60.6	60.5	-0.1	-0.2%
56.8%	60.5	60.4	-0.1	-0.2%
58.0%	60.4	60.4	0.0	0.0%
59.3%	60.4	60.3	-0.1	-0.2%
60.5%	60.3	60.3	0.0	0.0%
61.7%	60.3	60.2	-0.1	-0.2%
63.0%	60.1	60.1	0.0	0.0%
64.2%	60.0	60.0	0.0	0.0%
65.4%	60.0	60.0	0.0	0.0%
66.7%	59.9	59.9	0.0	0.0%
67.9%	59.9	59.9	0.0	0.0%
69.1%	59.9	59.9	0.0	0.0%
70.4%	59.7	59.7	0.0	0.0%
71.6%	59.6	59.5	-0.1	-0.2%
72.8%	59.5	59.5	0.0	0.0%
74.1%	59.4	59.4	0.0	0.0%
75.3%	59.3	59.3	0.0	0.0%
76.5%	59.3	59.3	0.0	0.0%
77.8%	59.3	59.3	0.0	0.0%
79.0%	59.3	59.3	0.0	0.0%
80.2%	59.1	59.2	0.1	0.2%
81.5%	59.1	59.1	0.0	0.0%
82.7%	59.0	59.0	0.0	0.0%
84.0%	58.9	58.9	0.0	0.0%
85.2%	58.9	58.9	0.0	0.0%
86.4%	58.7	58.7	0.0	0.0%
87.7%	58.7	58.7	0.0	0.0%
88.9%	58.7	58.7	0.0	0.0%
90.1%	58.5	58.5	0.0	0.0%
91.4%	58.3	58.3	0.0	0.0%
92.6%	58.2	58.2	0.0	0.0%
93.8%	58.0	58.0	0.0	0.0%
95.1%	57.9	57.9	0.0	0.0%
96.3%	57.8	57.8	0.0	0.0%
97.5%	57.7	57.7	0.0	0.0%
98.8%	57.5	57.5	0.0	0.0%
100.0%	57.5	57.5	0.0	0.0%

Table SQ-18-3b

American River below Nimbus Dam, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	72.6	72.8	0.2	0.3%
1.2%	72.4	71.0	-1.4	-1.9%
2.5%	72.1	70.9	-1.2	-1.7%
3.7%	72.0	70.8	-1.2	-1.7%
4.9%	71.9	70.6	-1.3	-1.8%
6.2%	70.7	70.3	-0.4	-0.6%
7.4%	70.5	70.1	-0.4	-0.6%
8.6%	70.3	69.9	-0.4	-0.6%
9.9%	70.0	69.7	-0.3	-0.4%
11.1%	69.9	69.4	-0.5	-0.7%
12.3%	69.7	69.4	-0.3	-0.4%
13.6%	69.6	69.1	-0.5	-0.7%
14.8%	69.2	68.9	-0.3	-0.4%
16.0%	69.1	68.7	-0.4	-0.6%
17.3%	69.1	68.7	-0.4	-0.6%
18.5%	68.7	68.7	0.0	0.0%
19.8%	68.4	68.7	0.3	0.4%
21.0%	68.3	68.3	0.0	0.0%
22.2%	68.2	68.1	-0.1	-0.1%
23.5%	68.2	67.7	-0.5	-0.7%
24.7%	68.1	67.7	-0.4	-0.6%
25.9%	67.9	67.7	-0.2	-0.3%
27.2%	67.7	67.6	-0.1	-0.1%
28.4%	67.6	67.5	-0.1	-0.1%
29.6%	67.5	67.4	-0.1	-0.1%
30.9%	67.4	67.3	-0.1	-0.1%
32.1%	67.4	67.3	-0.1	-0.1%
33.3%	67.4	67.3	-0.1	-0.1%
34.6%	67.2	67.2	0.0	0.0%
35.8%	67.1	67.2	0.1	0.1%
37.0%	66.8	67.2	0.4	0.6%
38.3%	66.7	66.9	0.2	0.3%
39.5%	66.4	66.9	0.5	0.8%
40.7%	66.2	66.8	0.6	0.9%
42.0%	66.2	66.2	0.0	0.0%
43.2%	66.0	66.2	0.2	0.3%
44.4%	65.8	66.0	0.2	0.3%
45.7%	65.7	66.0	0.3	0.5%
46.9%	65.6	65.9	0.3	0.5%
48.1%	65.5	65.9	0.4	0.6%
49.4%	65.5	65.8	0.3	0.5%
50.6%	65.4	65.6	0.2	0.3%
51.9%	65.3	65.5	0.2	0.3%
53.1%	65.3	65.3	0.0	0.0%
54.3%	65.3	65.3	0.0	0.0%
55.6%	65.1	65.1	0.0	0.0%
56.8%	64.8	64.9	0.1	0.2%
58.0%	64.7	64.8	0.1	0.2%
59.3%	64.6	64.6	0.0	0.0%
60.5%	64.6	64.6	0.0	0.0%
61.7%	64.6	64.6	0.0	0.0%
63.0%	64.5	64.5	0.0	0.0%
64.2%	64.4	64.4	0.0	0.0%
65.4%	64.3	64.3	0.0	0.0%
66.7%	64.2	64.2	0.0	0.0%
67.9%	64.2	64.2	0.0	0.0%
69.1%	64.2	64.2	0.0	0.0%
70.4%	64.1	64.1	0.0	0.0%
71.6%	64.0	64.0	0.0	0.0%
72.8%	64.0	64.0	0.0	0.0%
74.1%	63.8	63.9	0.1	0.2%
75.3%	63.6	63.6	0.0	0.0%
76.5%	63.5	63.5	0.0	0.0%
77.8%	63.5	63.5	0.0	0.0%
79.0%	63.5	63.5	0.0	0.0%
80.2%	63.5	63.5	0.0	0.0%
81.5%	63.2	63.2	0.0	0.0%
82.7%	63.2	63.2	0.0	0.0%
84.0%	63.0	63.0	0.0	0.0%
85.2%	62.9	62.9	0.0	0.0%
86.4%	62.9	62.9	0.0	0.0%
87.7%	62.8	62.8	0.0	0.0%
88.9%	62.7	62.7	0.0	0.0%
90.1%	62.7	62.7	0.0	0.0%
91.4%	62.7	62.7	0.0	0.0%
92.6%	62.6	62.6	0.0	0.0%
93.8%	62.6	62.6	0.0	0.0%
95.1%	62.6	62.6	0.0	0.0%
96.3%	62.3	62.3	0.0	0.0%
97.5%	62.1	62.1	0.0	0.0%
98.8%	62.0	62.0	0.0	0.0%
100.0%	62.0	62.0	0.0	0.0%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	75.9	76.4	0.5	0.7%
1.2%	74.7	72.1	-2.6	-3.5%
2.5%	74.6	71.2	-3.4	-4.6%
3.7%	73.1	71.0	-2.1	-2.9%
4.9%	71.9	70.6	-1.3	-1.8%
6.2%	71.2	70.4	-0.8	-1.1%
7.4%	69.8	70.0	0.2	0.3%
8.6%	69.5	69.8	0.3	0.4%
9.9%	69.2	69.2	0.0	0.0%
11.1%	69.1	69.1	0.0	0.0%
12.3%	68.9	69.1	0.2	0.3%
13.6%	68.9	69.0	0.1	0.1%
14.8%	68.8	68.9	0.1	0.1%
16.0%	68.8	68.7	-0.1	-0.1%
17.3%	68.8	68.7	-0.1	-0.1%
18.5%	68.7	68.6	-0.1	-0.1%
19.8%	68.7	68.5	-0.2	-0.3%
21.0%	68.2	68.5	0.3	0.4%
22.2%	68.2	68.4	0.2	0.3%
23.5%	68.2	68.3	0.1	0.1%
24.7%	68.0	68.3	0.3	0.4%
25.9%	67.8	68.1	0.3	0.4%
27.2%	67.7	68.1	0.4	0.6%
28.4%	67.7	68.1	0.4	0.6%
29.6%	67.7	68.1	0.4	0.6%
30.9%	67.7	68.1	0.4	0.6%
32.1%	67.6	68.1	0.5	0.7%
33.3%	67.5	68.1	0.6	0.9%
34.6%	67.5	68.0	0.5	0.7%
35.8%	67.5	68.0	0.5	0.7%
37.0%	67.4	68.0	0.6	0.9%
38.3%	67.4	67.9	0.5	0.7%
39.5%	67.4	67.8	0.4	0.6%
40.7%	67.4	67.8	0.4	0.6%
42.0%	67.3	67.8	0.5	0.7%
43.2%	67.3	67.8	0.5	0.7%
44.4%	67.3	67.8	0.5	0.7%
45.7%	67.2	67.7	0.5	0.7%
46.9%	67.1	67.6	0.5	0.7%
48.1%	67.1	67.6	0.5	0.7%
49.4%	67.0	67.6	0.6	0.9%
50.6%	66.9	67.5	0.6	0.9%
51.9%	66.9	67.5	0.6	0.9%
53.1%	66.7	67.4	0.7	1.0%
54.3%	66.7	67.3	0.6	0.9%
55.6%	66.7	67.2	0.5	0.7%
56.8%	66.7	67.2	0.5	0.7%
58.0%	66.7	67.1	0.4	0.6%
59.3%	66.6	67.1	0.5	0.8%
60.5%	66.5	67.0	0.5	0.8%
61.7%	66.5	67.0	0.5	0.8%
63.0%	66.5	66.9	0.4	0.6%
64.2%	66.5	66.9	0.4	0.6%
65.4%	66.5	66.8	0.3	0.5%
66.7%	66.4	66.8	0.4	0.6%
67.9%	66.4	66.8	0.4	0.6%
69.1%	66.3	66.8	0.5	0.8%
70.4%	66.3	66.7	0.4	0.6%
71.6%	66.3	66.7	0.4	0.6%
72.8%	66.3	66.6	0.3	0.5%
74.1%	66.3	66.6	0.3	0.5%
75.3%	66.2	66.6	0.4	0.6%
76.5%	66.2	66.5	0.3	0.5%
77.8%	66.2	66.4	0.2	0.3%
79.0%	66.2	66.4	0.2	0.3%
80.2%	66.2	66.3	0.1	0.2%
81.5%	66.2	66.3	0.1	0.2%
82.7%	66.1	66.2	0.1	0.2%
84.0%	66.1	66.2	0.1	0.2%
85.2%	66.1	66.0	-0.1	-0.2%
86.4%	66.0	66.0	0.0	0.0%
87.7%	66.0	66.0	0.0	0.0%
88.9%	66.0	66.0	0.0	0.0%
90.1%	66.0	65.9	-0.1	-0.2%
91.4%	66.0	65.9	-0.1	-0.2%
92.6%	66.0	65.8	-0.2	-0.3%
93.8%	65.8	65.8	0.0	0.0%
95.1%	65.8	65.8	0.0	0.0%
96.3%	65.8	65.7	-0.1	-0.2%
97.5%	65.6	65.6	0.0	0.0%
98.8%	65.5	65.4	-0.1	-0.2%
100.0%	65.5	65.4	-0.1	-0.2%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	75.7	74.7	-1.0	-1.3%
1.2%	73.6	71.9	-1.7	-2.3%
2.5%	72.2	71.3	-0.9	-1.2%
3.7%	71.7	70.8	-0.9	-1.3%
4.9%	71.6	70.7	-0.9	-1.3%
6.2%	71.5	70.4	-1.1	-1.5%
7.4%	71.3	70.4	-0.9	-1.3%
8.6%	71.2	69.9	-1.3	-1.8%
9.9%	70.9	69.8	-1.1	-1.6%
11.1%	70.7	69.8	-0.9	-1.3%
12.3%	70.6	69.6	-1.0	-1.4%
13.6%	70.2	69.6	-0.6	-0.9%
14.8%	70.0	69.5	-0.5	-0.7%
16.0%	69.8	69.2	-0.6	-0.9%
17.3%	69.6	69.1	-0.5	-0.7%
18.5%	69.5	68.9	-0.6	-0.9%
19.8%	69.5	68.9	-0.6	-0.9%
21.0%	69.3	68.9	-0.4	-0.6%
22.2%	69.3	68.9	-0.4	-0.6%
23.5%	69.2	68.8	-0.4	-0.6%
24.7%	69.2	68.7	-0.5	-0.7%
25.9%	69.2	68.7	-0.5	-0.7%
27.2%	69.1	68.7	-0.4	-0.6%
28.4%	69.1	68.6	-0.5	-0.7%
29.6%	68.8	68.6	-0.2	-0.3%
30.9%	68.8	68.6	-0.2	-0.3%
32.1%	68.7	68.5	-0.2	-0.3%
33.3%	68.6	68.5	-0.1	-0.1%
34.6%	68.6	68.5	-0.1	-0.1%
35.8%	68.5	68.3	-0.2	-0.3%
37.0%	68.5	68.0	-0.5	-0.7%
38.3%	68.3	68.0	-0.3	-0.4%
39.5%	68.3	67.8	-0.5	-0.7%
40.7%	68.2	67.6	-0.6	-0.9%
42.0%	68.0	67.6	-0.4	-0.6%
43.2%	67.9	67.6	-0.3	-0.4%
44.4%	67.8	67.6	-0.2	-0.3%
45.7%	67.8	67.5	-0.3	-0.4%
46.9%	67.8	67.5	-0.3	-0.4%
48.1%	67.7	67.5	-0.2	-0.3%
49.4%	67.5	67.5	0.0	0.0%
50.6%	67.5	67.4	-0.1	-0.1%
51.9%	67.5	67.4	-0.1	-0.1%
53.1%	67.5	67.4	-0.1	-0.1%
54.3%	67.4	67.3	-0.1	-0.1%
55.6%	67.4	67.3	-0.1	-0.1%
56.8%	67.4	67.3	-0.1	-0.1%
58.0%	67.3	67.2	-0.1	-0.1%
59.3%	67.2	67.2	0.0	0.0%
60.5%	67.1	67.1	0.0	0.0%
61.7%	67.1	67.1	0.0	0.0%
63.0%	67.1	67.1	0.0	0.0%
64.2%	67.1	67.0	-0.1	-0.1%
65.4%	67.1	67.0	-0.1	-0.1%
66.7%	67.0	67.0	0.0	0.0%
67.9%	67.0	67.0	0.0	0.0%
69.1%	66.9	67.0	0.1	0.1%
70.4%	66.9	66.9	0.0	0.0%
71.6%	66.9	66.9	0.0	0.0%
72.8%	66.8	66.9	0.1	0.1%
74.1%	66.8	66.9	0.1	0.1%
75.3%	66.8	66.8	0.0	0.0%
76.5%	66.7	66.8	0.1	0.1%
77.8%	66.7	66.6	-0.1	-0.1%
79.0%	66.6	66.6	0.0	0.0%
80.2%	66.6	66.6	0.0	0.0%
81.5%	66.5	66.5	0.0	0.0%
82.7%	66.5	66.5	0.0	0.0%
84.0%	66.5	66.5	0.0	0.0%
85.2%	66.4	66.5	0.1	0.2%
86.4%	66.4	66.4	0.0	0.0%
87.7%	66.4	66.4	0.0	0.0%
88.9%	66.4	66.4	0.0	0.0%
90.1%	66.3	66.3	0.0	0.0%
91.4%	66.2	66.2	0.0	0.0%
92.6%	66.2	66.2	0.0	0.0%
93.8%	66.2	66.1	-0.1	-0.2%
95.1%	66.2	66.0	-0.2	-0.3%
96.3%	66.0	66.0	0.0	0.0%
97.5%	66.0	65.8	-0.2	-0.3%
98.8%	65.8	65.8	0.0	0.0%
100.0%	65.8	65.8	0.0	0.0%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	71.9	71.6	-0.3	-0.4%
1.2%	69.9	69.9	0.0	0.0%
2.5%	69.8	69.6	-0.2	-0.3%
3.7%	69.6	69.2	-0.4	-0.6%
4.9%	69.5	67.9	-1.6	-2.3%
6.2%	69.1	67.9	-1.2	-1.7%
7.4%	68.6	67.9	-0.7	-1.0%
8.6%	68.4	67.8	-0.6	-0.9%
9.9%	68.3	67.8	-0.5	-0.7%
11.1%	68.0	67.8	-0.2	-0.3%
12.3%	67.9	67.8	-0.1	-0.1%
13.6%	67.8	67.8	0.0	0.0%
14.8%	67.7	67.7	0.0	0.0%
16.0%	67.6	67.5	-0.1	-0.1%
17.3%	67.4	67.5	0.1	0.1%
18.5%	67.3	67.4	0.1	0.1%
19.8%	67.3	67.3	0.0	0.0%
21.0%	67.2	67.2	0.0	0.0%
22.2%	67.2	67.1	-0.1	-0.1%
23.5%	67.2	67.1	-0.1	-0.1%
24.7%	67.2	67.1	-0.1	-0.1%
25.9%	67.2	67.0	-0.2	-0.3%
27.2%	67.1	67.0	-0.1	-0.1%
28.4%	67.0	66.9	-0.1	-0.1%
29.6%	66.9	66.7	-0.2	-0.3%
30.9%	66.9	66.6	-0.3	-0.4%
32.1%	66.9	66.6	-0.3	-0.4%
33.3%	66.7	66.6	-0.1	-0.1%
34.6%	66.7	66.4	-0.3	-0.4%
35.8%	66.6	66.4	-0.2	-0.3%
37.0%	66.5	66.3	-0.2	-0.3%
38.3%	66.5	66.3	-0.2	-0.3%
39.5%	66.5	66.3	-0.2	-0.3%
40.7%	66.4	66.3	-0.1	-0.2%
42.0%	66.4	66.2	-0.2	-0.3%
43.2%	66.4	66.1	-0.3	-0.5%
44.4%	66.4	66.1	-0.3	-0.5%
45.7%	66.4	66.1	-0.3	-0.5%
46.9%	66.3	66.0	-0.3	-0.5%
48.1%	66.1	65.9	-0.2	-0.3%
49.4%	65.8	65.8	0.0	0.0%
50.6%	65.8	65.8	0.0	0.0%
51.9%	65.8	65.8	0.0	0.0%
53.1%	65.7	65.8	0.1	0.2%
54.3%	65.7	65.5	-0.2	-0.3%
55.6%	65.7	65.5	-0.2	-0.3%
56.8%	65.7	65.4	-0.3	-0.5%
58.0%	65.6	65.4	-0.2	-0.3%
59.3%	65.6	65.4	-0.2	-0.3%
60.5%	65.6	65.4	-0.2	-0.3%
61.7%	65.6	65.4	-0.2	-0.3%
63.0%	65.5	65.4	-0.1	-0.2%
64.2%	65.4	65.4	0.0	0.0%
65.4%	65.4	65.4	0.0	0.0%
66.7%	65.3	65.3	0.0	0.0%
67.9%	65.3	65.3	0.0	0.0%
69.1%	65.3	65.3	0.0	0.0%
70.4%	65.3	65.3	0.0	0.0%
71.6%	65.3	65.3	0.0	0.0%
72.8%	65.3	65.2	-0.1	-0.2%
74.1%	65.3	65.2	-0.1	-0.2%
75.3%	65.3	65.2	-0.1	-0.2%
76.5%	65.2	65.1	-0.1	-0.2%
77.8%	65.2	65.1	-0.1	-0.2%
79.0%	65.2	65.1	-0.1	-0.2%
80.2%	65.2	65.1	-0.1	-0.2%
81.5%	65.1	65.1	0.0	0.0%
82.7%	65.1	65.1	0.0	0.0%
84.0%	65.1	65.1	0.0	0.0%
85.2%	65.0	65.0	0.0	0.0%
86.4%	65.0	65.0	0.0	0.0%
87.7%	65.0	65.0	0.0	0.0%
88.9%	64.9	64.9	0.0	0.0%
90.1%	64.9	64.9	0.0	0.0%
91.4%	64.7	64.8	0.1	0.2%
92.6%	64.7	64.8	0.1	0.2%
93.8%	64.7	64.8	0.1	0.2%
95.1%	64.5	64.7	0.2	0.3%
96.3%	64.5	64.7	0.2	0.3%
97.5%	64.4	64.7	0.3	0.5%
98.8%	64.1	64.5	0.4	0.6%
100.0%	64.1	64.5	0.4	0.6%

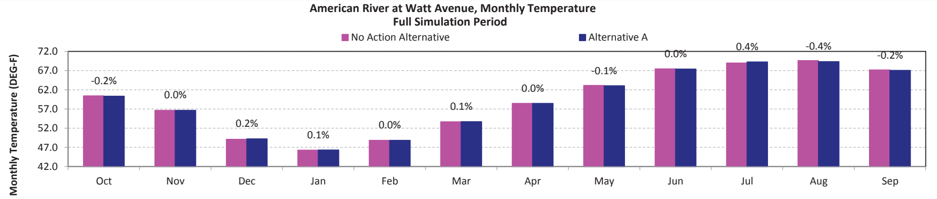
Table SQ-19-3a
American River at Watt Avenue, Monthly Temperature
Long-term Average and Average by Water Year Type

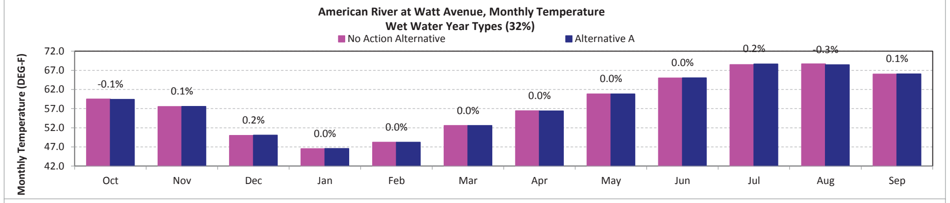
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	60.4	56.6	49.1	46.3	48.8	53.7	58.4	63.1	67.4	69.0	69.6	67.2
Alternative A	60.3	56.7	49.2	46.3	48.8	53.7	58.4	63.0	67.4	69.2	69.3	67.1
Difference	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.3	-0.3	-0.1
Percent Difference[3]	-0.2%	0.0%	0.2%	0.1%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.4%	-0.4%	-0.2%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	59.5	57.5	50.0	46.5	48.2	52.6	56.4	60.8	65.0	68.5	68.7	66.0
Alternative A	59.4	57.6	50.1	46.5	48.2	52.6	56.4	60.8	65.0	68.6	68.5	66.0
Difference	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.2	0.0
Percent Difference	-0.1%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.3%	0.1%
Above Normal (15%)												
No Action Alternative	59.1	56.1	49.0	46.5	48.5	53.2	58.0	62.5	67.1	67.9	69.0	66.4
Alternative A	59.0	56.1	49.2	46.6	48.4	53.2	58.0	62.5	67.3	68.3	68.7	66.5
Difference	-0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.4	-0.3	0.1
Percent Difference	-0.3%	-0.1%	0.2%	0.1%	-0.1%	0.1%	0.0%	0.0%	0.2%	0.5%	-0.4%	0.1%
Below Normal (17%)												
No Action Alternative	59.0	56.4	49.3	45.7	47.8	53.5	58.5	62.5	67.3	67.6	69.7	67.5
Alternative A	59.0	56.5	49.4	45.8	47.8	53.7	58.4	62.4	67.3	68.7	69.2	67.1
Difference	0.0	0.1	0.1	0.1	0.0	0.1	-0.1	-0.1	0.0	1.1	-0.5	-0.4
Percent Difference	0.0%	0.1%	0.2%	0.1%	0.0%	0.3%	-0.1%	-0.2%	0.0%	1.6%	-0.7%	-0.6%
Dry (22%)												
No Action Alternative	61.0	56.4	48.9	46.0	49.3	54.2	59.7	65.2	69.4	69.0	69.6	67.8
Alternative A	60.7	56.4	49.1	45.9	49.2	54.2	59.8	65.1	69.2	69.3	69.8	67.7
Difference	-0.3	0.0	0.2	0.0	-0.1	0.0	0.1	-0.2	-0.2	0.3	0.2	-0.1
Percent Difference	-0.5%	0.1%	0.5%	0.0%	-0.2%	0.0%	0.2%	-0.3%	-0.2%	0.5%	0.3%	-0.2%
Critical (15%)												
No Action Alternative	64.4	55.7	47.4	46.4	50.9	55.6	61.0	65.8	69.9	72.7	71.8	69.1
Alternative A	64.6	55.7	47.5	46.5	51.0	55.8	60.9	65.8	69.9	71.9	71.1	68.7
Difference	0.2	0.0	0.1	0.1	0.1	0.1	-0.1	0.0	0.0	-0.8	-0.8	-0.3
Percent Difference	0.3%	0.0%	0.1%	0.1%	0.1%	0.2%	-0.1%	0.0%	0.0%	-1.0%	-1.1%	-0.5%

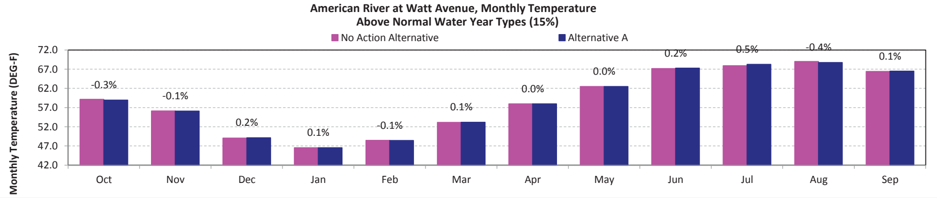
1 Based on the 82-year simulation period

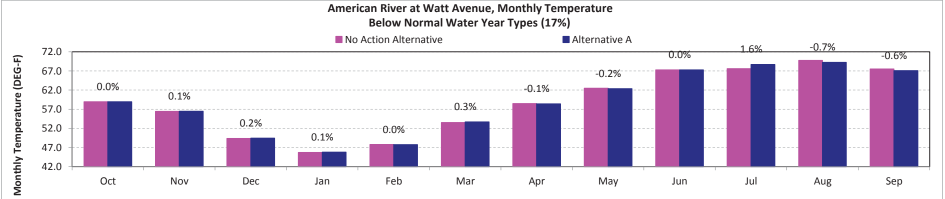
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

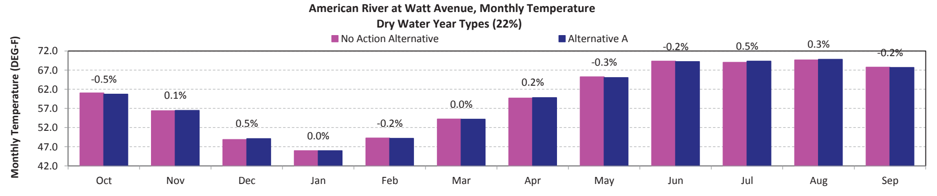
3 Relative difference of the monthly average


American River at Watt Avenue, Monthly Temperature
Full Simulation Period


American River at Watt Avenue, Monthly Temperature
Wet Water Year Types (32%)


American River at Watt Avenue, Monthly Temperature
Above Normal Water Year Types (15%)


American River at Watt Avenue, Monthly Temperature
Below Normal Water Year Types (17%)


American River at Watt Avenue, Monthly Temperature
Dry Water Year Types (22%)

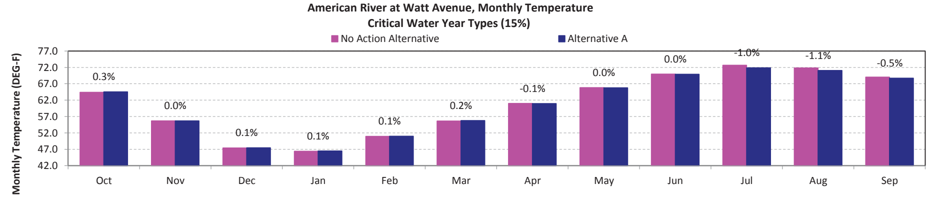

American River at Watt Avenue, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-19-3b
American River at Watt Avenue, Monthly Temperature
Probability of Exceedance

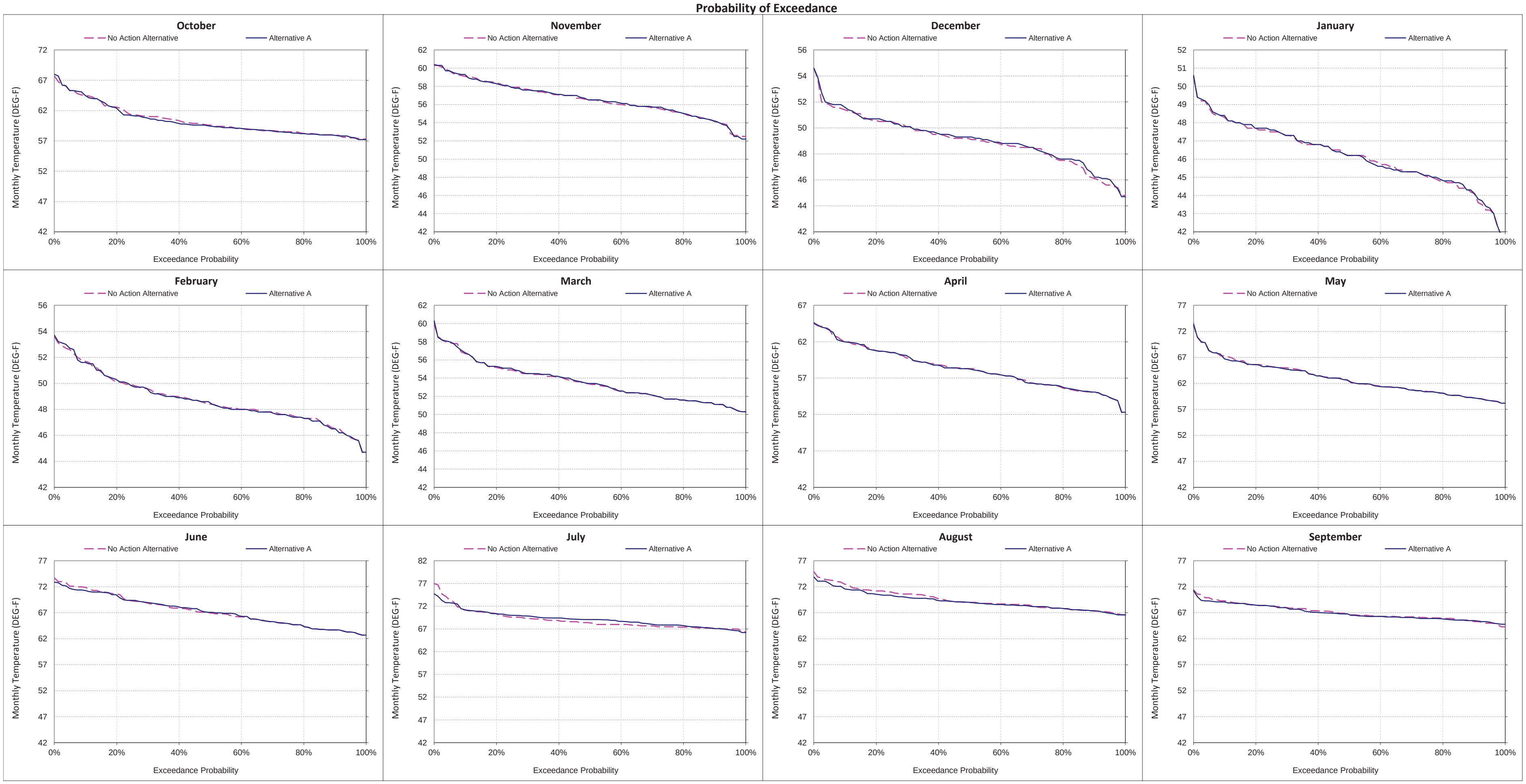


Table SQ-19-3b

American River at Watt Avenue, Monthly Temperature
Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.7	68.0	0.3	0.4%
1.2%	66.8	67.7	0.9	1.3%
2.5%	66.3	66.2	-0.1	-0.2%
3.7%	66.1	66.1	0.0	0.0%
4.9%	65.3	65.3	0.0	0.0%
6.2%	65.3	65.3	0.0	0.0%
7.4%	64.8	65.2	0.4	0.6%
8.6%	64.6	65.1	0.5	0.8%
9.9%	64.5	64.5	0.0	0.0%
11.1%	64.4	64.1	-0.3	-0.5%
12.3%	64.2	64.0	-0.2	-0.3%
13.6%	63.8	64.0	0.2	0.3%
14.8%	63.6	63.6	0.0	0.0%
16.0%	62.8	63.3	0.5	0.8%
17.3%	62.8	62.8	0.0	0.0%
18.5%	62.6	62.6	0.0	0.0%
19.8%	62.6	62.5	-0.1	-0.2%
21.0%	62.4	61.9	-0.5	-0.8%
22.2%	62.1	61.3	-0.8	-1.3%
23.5%	61.6	61.3	-0.3	-0.5%
24.7%	61.3	61.2	-0.1	-0.2%
25.9%	61.3	61.1	-0.2	-0.3%
27.2%	61.2	61.1	-0.1	-0.2%
28.4%	61.1	60.9	-0.2	-0.3%
29.6%	61.1	60.8	-0.3	-0.5%
30.9%	61.0	60.6	-0.4	-0.7%
32.1%	61.0	60.6	-0.4	-0.7%
33.3%	61.0	60.4	-0.6	-1.0%
34.6%	60.8	60.4	-0.4	-0.7%
35.8%	60.7	60.2	-0.5	-0.8%
37.0%	60.6	60.2	-0.4	-0.7%
38.3%	60.5	60.1	-0.4	-0.7%
39.5%	60.4	59.9	-0.5	-0.8%
40.7%	60.2	59.8	-0.4	-0.7%
42.0%	60.0	59.8	-0.2	-0.3%
43.2%	60.0	59.7	-0.3	-0.5%
44.4%	59.9	59.6	-0.3	-0.5%
45.7%	59.9	59.6	-0.3	-0.5%
46.9%	59.8	59.6	-0.2	-0.3%
48.1%	59.7	59.6	-0.1	-0.2%
49.4%	59.6	59.5	-0.1	-0.2%
50.6%	59.6	59.4	-0.2	-0.3%
51.9%	59.4	59.3	-0.1	-0.2%
53.1%	59.4	59.3	-0.1	-0.2%
54.3%	59.4	59.2	-0.2	-0.3%
55.6%	59.3	59.2	-0.1	-0.2%
56.8%	59.3	59.2	-0.1	-0.2%
58.0%	59.1	59.1	0.0	0.0%
59.3%	59.0	59.1	0.1	0.2%
60.5%	59.0	59.0	0.0	0.0%
61.7%	59.0	58.9	-0.1	-0.2%
63.0%	58.9	58.9	0.0	0.0%
64.2%	58.9	58.9	0.0	0.0%
65.4%	58.8	58.8	0.0	0.0%
66.7%	58.7	58.8	0.1	0.2%
67.9%	58.7	58.7	0.0	0.0%
69.1%	58.7	58.7	0.0	0.0%
70.4%	58.7	58.6	-0.1	-0.2%
71.6%	58.6	58.5	-0.1	-0.2%
72.8%	58.6	58.5	-0.1	-0.2%
74.1%	58.5	58.4	-0.1	-0.2%
75.3%	58.5	58.4	-0.1	-0.2%
76.5%	58.5	58.3	-0.2	-0.3%
77.8%	58.5	58.3	-0.2	-0.3%
79.0%	58.3	58.2	-0.1	-0.2%
80.2%	58.2	58.2	0.0	0.0%
81.5%	58.2	58.1	-0.1	-0.2%
82.7%	58.2	58.1	-0.1	-0.2%
84.0%	58.1	58.1	0.0	0.0%
85.2%	58.1	58.0	-0.1	-0.2%
86.4%	58.0	58.0	0.0	0.0%
87.7%	58.0	58.0	0.0	0.0%
88.9%	58.0	58.0	0.0	0.0%
90.1%	58.0	57.9	-0.1	-0.2%
91.4%	57.9	57.8	-0.1	-0.2%
92.6%	57.6	57.8	0.2	0.3%
93.8%	57.6	57.8	0.2	0.3%
95.1%	57.5	57.6	0.1	0.2%
96.3%	57.5	57.5	0.0	0.0%
97.5%	57.4	57.2	-0.2	-0.3%
98.8%	57.3	57.2	-0.1	-0.2%
100.0%	57.3	57.2	-0.1	-0.2%

November				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.3	60.4	0.1	0.2%
1.2%	60.3	60.3	0.0	0.0%
2.5%	60.1	60.3	0.2	0.3%
3.7%	59.9	59.7	-0.2	-0.3%
4.9%	59.7	59.7	0.0	0.0%
6.2%	59.4	59.5	0.1	0.2%
7.4%	59.3	59.4	0.1	0.2%
8.6%	59.2	59.3	0.1	0.2%
9.9%	59.1	59.3	0.2	0.3%
11.1%	59.0	58.9	-0.1	-0.2%
12.3%	59.0	58.8	-0.2	-0.3%
13.6%	58.9	58.8	-0.1	-0.2%
14.8%	58.6	58.6	0.0	0.0%
16.0%	58.6	58.5	-0.1	-0.2%
17.3%	58.5	58.5	0.0	0.0%
18.5%	58.5	58.4	-0.1	-0.2%
19.8%	58.4	58.3	-0.1	-0.2%
21.0%	58.3	58.2	-0.1	-0.2%
22.2%	58.1	58.1	0.0	0.0%
23.5%	58.0	58.1	0.1	0.2%
24.7%	57.9	57.9	0.0	0.0%
25.9%	57.9	57.8	-0.1	-0.2%
27.2%	57.9	57.8	-0.1	-0.2%
28.4%	57.7	57.6	-0.1	-0.2%
29.6%	57.7	57.6	-0.1	-0.2%
30.9%	57.6	57.6	0.0	0.0%
32.1%	57.5	57.5	0.0	0.0%
33.3%	57.4	57.5	0.1	0.2%
34.6%	57.4	57.5	0.1	0.2%
35.8%	57.3	57.4	0.1	0.2%
37.0%	57.3	57.3	0.0	0.0%
38.3%	57.1	57.2	0.1	0.2%
39.5%	57.1	57.1	0.0	0.0%
40.7%	57.0	57.1	0.1	0.2%
42.0%	57.0	57.0	0.0	0.0%
43.2%	57.0	57.0	0.0	0.0%
44.4%	57.0	57.0	0.0	0.0%
45.7%	56.7	57.0	0.3	0.5%
46.9%	56.7	56.8	0.1	0.2%
48.1%	56.6	56.7	0.1	0.2%
49.4%	56.5	56.5	0.0	0.0%
50.6%	56.5	56.5	0.0	0.0%
51.9%	56.5	56.5	0.0	0.0%
53.1%	56.4	56.5	0.1	0.2%
54.3%	56.3	56.4	0.1	0.2%
55.6%	56.2	56.3	0.1	0.2%
56.8%	56.1	56.3	0.2	0.4%
58.0%	56.1	56.3	0.2	0.4%
59.3%	56.0	56.2	0.2	0.4%
60.5%	56.0	56.1	0.1	0.2%
61.7%	55.9	56.1	0.2	0.4%
63.0%	55.9	55.9	0.0	0.0%
64.2%	55.9	55.9	0.0	0.0%
65.4%	55.8	55.8	0.0	0.0%
66.7%	55.8	55.8	0.0	0.0%
67.9%	55.8	55.8	0.0	0.0%
69.1%	55.7	55.8	0.1	0.2%
70.4%	55.6	55.7	0.1	0.2%
71.6%	55.6	55.7	0.1	0.2%
72.8%	55.5	55.7	0.2	0.4%
74.1%	55.4	55.5	0.1	0.2%
75.3%	55.4	55.4	0.0	0.0%
76.5%	55.2	55.4	0.2	0.4%
77.8%	55.2	55.2	0.0	0.0%
79.0%	55.1	55.1	0.0	0.0%
80.2%	55.0	55.0	0.0	0.0%
81.5%	54.8	54.9	0.1	0.2%
82.7%	54.8	54.7	-0.1	-0.2%
84.0%	54.7	54.7	0.0	0.0%
85.2%	54.6	54.5	-0.1	-0.2%
86.4%	54.5	54.5	0.0	0.0%
87.7%	54.4	54.4	0.0	0.0%
88.9%	54.3	54.3	0.0	0.0%
90.1%	54.1	54.2	0.1	0.2%
91.4%	54.1	54.0	-0.1	-0.2%
92.6%	53.9	53.8	-0.1	-0.2%
93.8%	53.8	53.7	-0.1	-0.2%
95.1%	52.8	53.2	0.4	0.8%
96.3%	52.6	52.5	-0.1	-0.2%
97.5%	52.6	52.5	-0.1	-0.2%
98.8%	52.5	52.2	-0.3	-0.6%
100.0%	52.5	52.2	-0.3	-0.6%

December				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.6	54.6	0.0	0.0%
1.2%	53.8	53.9	0.1	0.2%
2.5%	52.0	52.7	0.7	1.3%
3.7%	51.9	52.0	0.1	0.2%
4.9%	51.8	51.9	0.1	0.2%
6.2%	51.6	51.8	0.2	0.4%
7.4%	51.6	51.8	0.2	0.4%
8.6%	51.5	51.8	0.3	0.6%
9.9%	51.4	51.6	0.2	0.4%
11.1%	51.3	51.4	0.1	0.2%
12.3%	51.2	51.3	0.1	0.2%
13.6%	51.1	51.1	0.0	0.0%
14.8%	51.1	50.9	-0.2	-0.4%
16.0%	50.8	50.7	-0.1	-0.2%
17.3%	50.7	50.7	0.0	0.0%
18.5%	50.6	50.7	0.1	0.2%
19.8%	50.6	50.7	0.1	0.2%
21.0%	50.5	50.7	0.2	0.4%
22.2%	50.5	50.6	0.1	0.2%
23.5%	50.5	50.5	0.0	0.0%
24.7%	50.5	50.5	0.0	0.0%
25.9%	50.4	50.3	-0.1	-0.2%
27.2%	50.3	50.3	0.0	0.0%
28.4%	50.3	50.1	-0.2	-0.4%
29.6%	50.1	50.1	0.0	0.0%
30.9%	50.1	50.1	0.0	0.0%
32.1%	49.8	49.9	0.1	0.2%
33.3%	49.8	49.9	0.1	0.2%
34.6%	49.8	49.8	0.0	0.0%
35.8%	49.8	49.8	0.0	0.0%
37.0%	49.7	49.7	0.0	0.0%
38.3%	49.5	49.7	0.2	0.4%
39.5%	49.5	49.6	0.1	0.2%
40.7%	49.5	49.5	0.0	0.0%
42.0%	49.4	49.5	0.1	0.2%
43.2%	49.3	49.5	0.2	0.4%
44.4%	49.2	49.4	0.2	0.4%
45.7%	49.2	49.3	0.1	0.2%
46.9%	49.2	49.3	0.1	0.2%
48.1%	49.2	49.3	0.1	0.2%
49.4%	49.2	49.3	0.1	0.2%
50.6%	49.1	49.3	0.2	0.4%
51.9%	49.1	49.2	0.1	0.2%
53.1%	49.0	49.2	0.2	0.4%
54.3%	49.0	49.1	0.1	0.2%
55.6%	48.9	49.1	0.2	0.4%
56.8%	48.9	49.0	0.1	0.2%
58.0%	48.9	48.9	0.0	0.0%
59.3%	48.8	48.9	0.1	0.2%
60.5%	48.7	48.8	0.1	0.2%
61.7%	48.7	48.8	0.1	0.2%
63.0%	48.6	48.8	0.2	0.4%
64.2%	48.6	48.8	0.2	0.4%
65.4%	48.5	48.8	0.3	0.6%
66.7%	48.5	48.7	0.2	0.4%
67.9%	48.5	48.6	0.1	0.2%
69.1%	48.5	48.5	0.0	0.0%
70.4%	48.4	48.5	0.1	0.2%
71.6%	48.4	48.3	-0.1	-0.2%
72.8%	48.4	48.2	-0.2	-0.4%
74.1%	48.0	48.1	0.1	0.2%
75.3%	48.0	48.0	0.0	0.0%
76.5%	47.7	47.9	0.2	0.4%
77.8%	47.6	47.7	0.1	0.2%
79.0%	47.5	47.6	0.1	0.2%
80.2%	47.5	47.6	0.1	0.2%
81.5%	47.5	47.6	0.1	0.2%
82.7%	47.4	47.6	0.2	0.4%
84.0%	47.2	47.5	0.3	0.6%
85.2%	47.1	47.5	0.4	0.8%
86.4%	46.9	47.3	0.4	0.9%
87.7%	46.3	46.8	0.5	1.1%
88.9%	46.2	46.6	0.4	0.9%
90.1%	46.1	46.2	0.1	0.2%
91.4%	46.0	46.2	0.2	0.4%
92.6%	45.8	46.1	0.3	0.7%
93.8%	45.6	46.1	0.5	1.1%
95.1%	45.6	46.0	0.4	0.9%
96.3%	45.5	45.6	0.1	0.2%
97.5%	45.4	45.3	-0.1	-0.2%
98.8%	44.8	44.7	-0.1	-0.2%
100.0%	44.8	44.7	-0.1	-0.2%

January				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.6	50.6	0.0	0.0%
1.2%	49.4	49.4	0.0	0.0%
2.5%	49.2	49.3	0.1	0.2%
3.7%	49.2	49.2	0.0	0.0%
4.9%	48.8	49.0	0.2	0.4%
6.2%	48.5	48.6	0.1	0.2%
7.4%	48.4	48.5	0.1	0.2%
8.6%	48.4	48.4	0.0	0.0%
9.9%	48.3	48.4	0.1	0.2%
11.1%	48.1	48.1	0.0	0.0%
12.3%	48.1	48.1	0.0	0.0%
13.6%	48.0	48.0	0.0	0.0%
14.8%	48.0	48.0	0.0	0.0%
16.0%	47.9	47.9	0.0	0.0%
17.3%	47.7	47.9	0.2	0.4%
18.5%	47.7	47.9	0.2	0.4%
19.8%	47.7	47.7	0.0	0.0%
21.0%	47.6	47.7	0.1	0.2%
22.2%	47.6	47.7	0.1	0.2%
23.5%	47.6	47.7	0.1	0.2%
24.7%	47.5	47.6	0.1	0.2%
25.9%	47.5	47.6	0.1	0.2%
27.2%	47.5	47.5	0.0	0.0%
28.4%	47.4	47.4	0.0	0.0%
29.6%	47.3	47.3	0.0	0.0%
30.9%	47.3	47.3	0.0	0.0%
32.1%	47.2	47.3	0.1	0.2%
33.3%	47.0	47.0	0.0	0.0%
34.6%	46.9	47.0	0.1	0.2%
35.8%	46.8	46.9	0.1	0.2%
37.0%	46.8	46.9	0.1	0.2%
38.3%	46.8	46.8	0.0	0.0%
39.5%	46.8	46.8	0.0	0.0%
40.7%	46.8	46.8	0.0	0.0%
42.0%	46.7	46.7	0.0	0.0%
43.2%	46.7	46.7	0.0	0.0%
44.4%	46.5	46.5	0.0	0.0%
45.7%	46.5	46.4	-0.1	-0.2%
46.9%	46.5	46.4	-0.1	-0.2%
48.1%	46.3	46.3	0.0	0.0%
49.4%	46.2	46.2	0.0	0.0%
50.6%	46.2	46.2	0.0	0.0%
51.9%	46.2	46.2	0.0	0.0%
53.1%	46.2	46.2	0.0	0.0%
54.3%	46.2	46.1	-0.1	-0.2%
55.6%	46.1	45.9	-0.2	-0.4%
56.8%	45.9	45.8	-0.1	-0.2%
58.0%	45.9	45.7	-0.2	-0.4%
59.3%	45.8	45.6	-0.2	-0.4%
60.5%	45.7	45.6	-0.1	-0.2%
61.7%	45.7	45.5	-0.2	-0.4%
63.0%	45.6	45.5	-0.1	-0.2%
64.2%	45.6	45.4	-0.2	-0.4%
65.4%	45.4	45.4	0.0	0.0%
66.7%	45.4	45.3	-0.1	-0.2%
67.9%	45.3	45.3	0.0	0.0%
69.1%	45.3	45.3	0.0	0.0%
70.4%	45.3	45.3	0.0	0.0%
71.6%	45.3	45.3	0.0	0.0%
72.8%	45.2	45.2	0.0	0.0%
74.1%	45.1	45.1	0.0	0.0%
75.3%	45.0	45.1	0.1	0.2%
76.5%	45.0	45.0	0.0	0.0%
77.8%	44.9	45.0	0.1	0.2%
79.0%	44.8	44.9	0.1	0.2%
80.2%	44.8	44.8	0.0	0.0%
81.5%	44.7	44.8	0.1	0.2%
82.7%	44.7	44.8	0.1	0.2%
84.0%	44.7	44.7	0.0	0.0%
85.2%	44.4	44.7	0.3	0.7%
86.4%	44.4	44.6	0.2	0.5%
87.7%	44.4	44.3	-0.1	-0.2%
88.9%	44.2	44.3	0.1	0.2%
90.1%	44.1	44.1	0.0	0.0%
91.4%	43.6	43.8	0.2	0.5%
92.6%	43.5	43.7	0.2	0.5%
93.8%	43.2	43.4	0.2	0.5%
95.1%	43.2	43.3	0.1	0.2%
96.3%	43.0	43.0	0.0	0.0%
97.5%	42.3	42.3	0.0	0.0%
98.8%	41.8	41.8	0.0	0.0%
100.0%	41.8	41.8	0.0	0.0%

Table SQ-19-3b

American River at Watt Avenue, Monthly Temperature
Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.6	53.7	0.1	0.2%
1.2%	53.1	53.2	0.1	0.2%
2.5%	52.9	53.1	0.2	0.4%
3.7%	52.7	53.0	0.3	0.6%
4.9%	52.6	52.7	0.1	0.2%
6.2%	52.3	52.6	0.3	0.6%
7.4%	52.0	51.8	-0.2	-0.4%
8.6%	51.8	51.6	-0.2	-0.4%
9.9%	51.7	51.6	-0.1	-0.2%
11.1%	51.6	51.5	-0.1	-0.2%
12.3%	51.3	51.5	0.2	0.4%
13.6%	51.2	51.0	-0.2	-0.4%
14.8%	50.9	51.0	0.1	0.2%
16.0%	50.7	50.6	-0.1	-0.2%
17.3%	50.5	50.5	0.0	0.0%
18.5%	50.3	50.4	0.1	0.2%
19.8%	50.1	50.3	0.2	0.4%
21.0%	50.1	50.1	0.0	0.0%
22.2%	50.0	50.1	0.1	0.2%
23.5%	49.9	50.0	0.1	0.2%
24.7%	49.9	49.8	-0.1	-0.2%
25.9%	49.8	49.7	-0.1	-0.2%
27.2%	49.7	49.7	0.0	0.0%
28.4%	49.6	49.7	0.1	0.2%
29.6%	49.6	49.6	0.0	0.0%
30.9%	49.5	49.3	-0.2	-0.4%
32.1%	49.3	49.2	-0.1	-0.2%
33.3%	49.2	49.2	0.0	0.0%
34.6%	49.2	49.1	-0.1	-0.2%
35.8%	49.1	49.0	-0.1	-0.2%
37.0%	49.0	49.0	0.0	0.0%
38.3%	49.0	49.0	0.0	0.0%
39.5%	49.0	48.9	-0.1	-0.2%
40.7%	48.9	48.9	0.0	0.0%
42.0%	48.9	48.8	-0.1	-0.2%
43.2%	48.8	48.8	0.0	0.0%
44.4%	48.7	48.7	0.0	0.0%
45.7%	48.7	48.7	0.0	0.0%
46.9%	48.6	48.6	0.0	0.0%
48.1%	48.5	48.6	0.1	0.2%
49.4%	48.4	48.6	0.2	0.4%
50.6%	48.4	48.4	0.0	0.0%
51.9%	48.3	48.3	0.0	0.0%
53.1%	48.2	48.2	0.0	0.0%
54.3%	48.2	48.1	-0.1	-0.2%
55.6%	48.1	48.1	0.0	0.0%
56.8%	48.1	48.0	-0.1	-0.2%
58.0%	48.1	48.0	-0.1	-0.2%
59.3%	48.0	48.0	0.0	0.0%
60.5%	48.0	48.0	0.0	0.0%
61.7%	48.0	48.0	0.0	0.0%
63.0%	48.0	47.9	-0.1	-0.2%
64.2%	48.0	47.9	-0.1	-0.2%
65.4%	47.9	47.8	-0.1	-0.2%
66.7%	47.8	47.8	0.0	0.0%
67.9%	47.8	47.8	0.0	0.0%
69.1%	47.8	47.8	0.0	0.0%
70.4%	47.8	47.7	-0.1	-0.2%
71.6%	47.7	47.6	-0.1	-0.2%
72.8%	47.6	47.6	0.0	0.0%
74.1%	47.6	47.6	0.0	0.0%
75.3%	47.6	47.5	-0.1	-0.2%
76.5%	47.5	47.4	-0.1	-0.2%
77.8%	47.4	47.4	0.0	0.0%
79.0%	47.4	47.4	0.0	0.0%
80.2%	47.3	47.3	0.0	0.0%
81.5%	47.3	47.3	0.0	0.0%
82.7%	47.3	47.1	-0.2	-0.4%
84.0%	47.3	47.1	-0.2	-0.4%
85.2%	47.1	47.1	0.0	0.0%
86.4%	46.8	46.8	0.0	0.0%
87.7%	46.8	46.7	-0.1	-0.2%
88.9%	46.6	46.5	-0.1	-0.2%
90.1%	46.5	46.5	0.0	0.0%
91.4%	46.5	46.2	-0.3	-0.6%
92.6%	46.2	46.2	0.0	0.0%
93.8%	46.0	46.0	0.0	0.0%
95.1%	45.8	45.9	0.1	0.2%
96.3%	45.7	45.7	0.0	0.0%
97.5%	45.6	45.6	0.0	0.0%
98.8%	44.7	44.7	0.0	0.0%
100.0%	44.7	44.7	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.9	60.3	0.4	0.7%
1.2%	58.6	58.5	-0.1	-0.2%
2.5%	58.2	58.2	0.0	0.0%
3.7%	58.0	58.1	0.1	0.2%
4.9%	57.9	58.0	0.1	0.2%
6.2%	57.8	57.8	0.0	0.0%
7.4%	57.8	57.4	-0.4	-0.7%
8.6%	56.9	57.1	0.2	0.4%
9.9%	56.7	56.8	0.1	0.2%
11.1%	56.6	56.6	0.0	0.0%
12.3%	56.3	56.3	0.0	0.0%
13.6%	55.8	55.8	0.0	0.0%
14.8%	55.7	55.7	0.0	0.0%
16.0%	55.7	55.7	0.0	0.0%
17.3%	55.3	55.3	0.0	0.0%
18.5%	55.2	55.3	0.1	0.2%
19.8%	55.2	55.3	0.1	0.2%
21.0%	55.1	55.2	0.1	0.2%
22.2%	55.0	55.1	0.1	0.2%
23.5%	54.9	55.1	0.2	0.4%
24.7%	54.9	55.1	0.2	0.4%
25.9%	54.8	54.9	0.1	0.2%
27.2%	54.7	54.8	0.1	0.2%
28.4%	54.5	54.6	0.1	0.2%
29.6%	54.5	54.5	0.0	0.0%
30.9%	54.5	54.5	0.0	0.0%
32.1%	54.4	54.5	0.1	0.2%
33.3%	54.4	54.5	0.1	0.2%
34.6%	54.4	54.4	0.0	0.0%
35.8%	54.2	54.4	0.2	0.4%
37.0%	54.2	54.4	0.2	0.4%
38.3%	54.2	54.2	0.0	0.0%
39.5%	54.1	54.2	0.1	0.2%
40.7%	54.1	54.1	0.0	0.0%
42.0%	53.9	54.0	0.1	0.2%
43.2%	53.8	54.0	0.2	0.4%
44.4%	53.7	53.8	0.1	0.2%
45.7%	53.6	53.7	0.1	0.2%
46.9%	53.6	53.6	0.0	0.0%
48.1%	53.4	53.5	0.1	0.2%
49.4%	53.4	53.4	0.0	0.0%
50.6%	53.3	53.4	0.1	0.2%
51.9%	53.3	53.4	0.1	0.2%
53.1%	53.2	53.3	0.1	0.2%
54.3%	53.1	53.2	0.1	0.2%
55.6%	53.1	53.1	0.0	0.0%
56.8%	52.9	52.9	0.0	0.0%
58.0%	52.7	52.8	0.1	0.2%
59.3%	52.6	52.6	0.0	0.0%
60.5%	52.5	52.6	0.1	0.2%
61.7%	52.4	52.4	0.0	0.0%
63.0%	52.4	52.4	0.0	0.0%
64.2%	52.4	52.4	0.0	0.0%
65.4%	52.3	52.4	0.1	0.2%
66.7%	52.3	52.3	0.0	0.0%
67.9%	52.3	52.3	0.0	0.0%
69.1%	52.2	52.2	0.0	0.0%
70.4%	52.1	52.1	0.0	0.0%
71.6%	52.0	52.0	0.0	0.0%
72.8%	51.9	51.9	0.0	0.0%
74.1%	51.7	51.7	0.0	0.0%
75.3%	51.7	51.7	0.0	0.0%
76.5%	51.7	51.7	0.0	0.0%
77.8%	51.6	51.7	0.1	0.2%
79.0%	51.6	51.6	0.0	0.0%
80.2%	51.6	51.6	0.0	0.0%
81.5%	51.5	51.5	0.0	0.0%
82.7%	51.5	51.5	0.0	0.0%
84.0%	51.5	51.5	0.0	0.0%
85.2%	51.4	51.4	0.0	0.0%
86.4%	51.3	51.3	0.0	0.0%
87.7%	51.3	51.3	0.0	0.0%
88.9%	51.3	51.3	0.0	0.0%
90.1%	51.1	51.1	0.0	0.0%
91.4%	51.1	51.1	0.0	0.0%
92.6%	51.1	51.1	0.0	0.0%
93.8%	50.8	50.8	0.0	0.0%
95.1%	50.8	50.8	0.0	0.0%
96.3%	50.6	50.6	0.0	0.0%
97.5%	50.4	50.4	0.0	0.0%
98.8%	50.3	50.3	0.0	0.0%
100.0%	50.3	50.3	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	64.5	64.6	0.1	0.2%
1.2%	64.2	64.3	0.1	0.2%
2.5%	64.1	64.0	-0.1	-0.2%
3.7%	64.0	63.9	-0.1	-0.2%
4.9%	63.7	63.6	-0.1	-0.2%
6.2%	62.8	63.3	0.5	0.8%
7.4%	62.7	62.3	-0.4	-0.6%
8.6%	62.3	62.1	-0.2	-0.3%
9.9%	62.0	62.0	0.0	0.0%
11.1%	62.0	61.9	-0.1	-0.2%
12.3%	61.7	61.9	0.2	0.3%
13.6%	61.6	61.8	0.2	0.3%
14.8%	61.6	61.6	0.0	0.0%
16.0%	61.4	61.6	0.2	0.3%
17.3%	61.2	61.0	-0.2	-0.3%
18.5%	61.0	60.9	-0.1	-0.2%
19.8%	60.8	60.8	0.0	0.0%
21.0%	60.7	60.7	0.0	0.0%
22.2%	60.7	60.7	0.0	0.0%
23.5%	60.6	60.6	0.0	0.0%
24.7%	60.5	60.5	0.0	0.0%
25.9%	60.5	60.5	0.0	0.0%
27.2%	60.2	60.3	0.1	0.2%
28.4%	60.1	60.2	0.1	0.2%
29.6%	59.8	60.1	0.3	0.5%
30.9%	59.6	59.8	0.2	0.3%
32.1%	59.4	59.4	0.0	0.0%
33.3%	59.3	59.3	0.0	0.0%
34.6%	59.2	59.2	0.0	0.0%
35.8%	59.2	59.2	0.0	0.0%
37.0%	59.0	59.0	0.0	0.0%
38.3%	59.0	58.8	-0.2	-0.3%
39.5%	58.8	58.8	0.0	0.0%
40.7%	58.8	58.7	-0.1	-0.2%
42.0%	58.7	58.4	-0.3	-0.5%
43.2%	58.5	58.4	-0.1	-0.2%
44.4%	58.4	58.4	0.0	0.0%
45.7%	58.4	58.4	0.0	0.0%
46.9%	58.4	58.3	-0.1	-0.2%
48.1%	58.3	58.3	0.0	0.0%
49.4%	58.3	58.3	0.0	0.0%
50.6%	58.3	58.2	-0.1	-0.2%
51.9%	58.3	58.1	-0.2	-0.3%
53.1%	58.0	58.0	0.0	0.0%
54.3%	57.9	57.9	0.0	0.0%
55.6%	57.7	57.7	0.0	0.0%
56.8%	57.6	57.6	0.0	0.0%
58.0%	57.6	57.6	0.0	0.0%
59.3%	57.5	57.5	0.0	0.0%
60.5%	57.4	57.4	0.0	0.0%
61.7%	57.3	57.3	0.0	0.0%
63.0%	57.3	57.3	0.0	0.0%
64.2%	57.2	57.2	0.0	0.0%
65.4%	56.8	56.9	0.1	0.2%
66.7%	56.8	56.8	0.0	0.0%
67.9%	56.7	56.4	-0.3	-0.5%
69.1%	56.4	56.3	-0.1	-0.2%
70.4%	56.3	56.3	0.0	0.0%
71.6%	56.2	56.2	0.0	0.0%
72.8%	56.2	56.2	0.0	0.0%
74.1%	56.1	56.1	0.0	0.0%
75.3%	56.1	56.1	0.0	0.0%
76.5%	56.0	56.0	0.0	0.0%
77.8%	56.0	56.0	0.0	0.0%
79.0%	55.8	55.9	0.1	0.2%
80.2%	55.6	55.7	0.1	0.2%
81.5%	55.5	55.6	0.1	0.2%
82.7%	55.4	55.5	0.1	0.2%
84.0%	55.3	55.4	0.1	0.2%
85.2%	55.2	55.3	0.1	0.2%
86.4%	55.2	55.2	0.0	0.0%
87.7%	55.1	55.2	0.1	0.2%
88.9%	55.1	55.1	0.0	0.0%
90.1%	55.0	55.1	0.1	0.2%
91.4%	55.0	55.0	0.0	0.0%
92.6%	54.7	54.7	0.0	0.0%
93.8%	54.6	54.6	0.0	0.0%
95.1%	54.3	54.3	0.0	0.0%
96.3%	54.1	54.1	0.0	0.0%
97.5%	53.9	53.9	0.0	0.0%
98.8%	52.3	52.3	0.0	0.0%
100.0%	52.3	52.3	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.5	73.3	-0.2	-0.3%
1.2%	70.9	70.9	0.0	0.0%
2.5%	69.9	70.0	0.1	0.1%
3.7%	69.8	69.8	0.0	0.0%
4.9%	68.3	68.3	0.0	0.0%
6.2%	67.9	67.9	0.0	0.0%
7.4%	67.9	67.8	-0.1	-0.1%
8.6%	67.3	67.6	0.3	0.4%
9.9%	67.3	66.7	-0.6	-0.9%
11.1%	67.1	66.5	-0.6	-0.9%
12.3%	66.9	66.3	-0.6	-0.9%
13.6%	66.4	66.3	-0.1	-0.2%
14.8%	66.4	66.2	-0.2	-0.3%
16.0%	66.3	66.0	-0.3	-0.5%
17.3%	65.6	65.7	0.1	0.2%
18.5%	65.6	65.6	0.0	0.0%
19.8%	65.6	65.6	0.0	0.0%
21.0%	65.6	65.5	-0.1	-0.2%
22.2%	65.5	65.2	-0.3	-0.5%
23.5%	65.4	65.2	-0.2	-0.3%
24.7%	65.2	65.2	0.0	0.0%
25.9%	65.1	65.1	0.0	0.0%
27.2%	65.0	65.0	0.0	0.0%
28.4%	65.0	64.9	-0.1	-0.2%
29.6%	65.0	64.7	-0.3	-0.5%
30.9%	64.9	64.6	-0.3	-0.5%
32.1%	64.8	64.5	-0.3	-0.5%
33.3%	64.7	64.5	-0.2	-0.3%
34.6%	64.5	64.4	-0.1	-0.2%
35.8%	64.4	64.4	0.0	0.0%
37.0%	63.8	63.8	0.0	0.0%
38.3%	63.7	63.7	0.0	0.0%
39.5%	63.6	63.4	-0.2	-0.3%
40.7%	63.4	63.4	0.0	0.0%
42.0%	63.2	63.2	0.0	0.0%
43.2%	63.2	63.0	-0.2	-0.3%
44.4%	63.0	63.0	0.0	0.0%
45.7%	63.0	63.0	0.0	0.0%
46.9%	63.0	62.9	-0.1	-0.2%
48.1%	62.9	62.7	-0.2	-0.3%
49.4%	62.6	62.6	0.0	0.0%
50.6%	62.1	62.2	0.1	0.2%
51.9%	62.0	62.0	0.0	0.0%
53.1%	61.9	61.9	0.0	0.0%
54.3%	61.9	61.9	0.0	0.0%
55.6%	61.8	61.9	0.1	0.2%
56.8%	61.8	61.8	0.0	0.0%
58.0%	61.6	61.5	-0.1	-0.2%
59.3%	61.5	61.4	-0.1	-0.2%
60.5%	61.4	61.3	-0.1	-0.2%
61.7%	61.3	61.3	0.0	0.0%
63.0%	61.3	61.3	0.0	0.0%
64.2%	61.2	61.2	0.0	0.0%
65.4%	61.2	61.2	0.0	0.0%
66.7%	61.1	61.1	0.0	0.0%
67.9%	61.0	61.0	0.0	0.0%
69.1%	60.7	60.7	0.0	0.0%
70.4%	60.7	60.7	0.0	0.0%
71.6%	60.6	60.6	0.0	0.0%
72.8%	60.6	60.6	0.0	0.0%
74.1%	60.5	60.4	-0.1	-0.2%
75.3%	60.4	60.4	0.0	0.0%
76.5%	60.4	60.4	0.0	0.0%
77.8%	60.3	60.3	0.0	0.0%
79.0%	60.1	60.2	0.1	0.2%
80.2%	60.1	60.1	0.0	0.0%
81.5%	59.8	59.8	0.0	0.0%
82.7%	59.7	59.7	0.0	0.0%
84.0%	59.7	59.7	0.0	0.0%
85.2%	59.7	59.7	0.0	0.0%
86.4%	59.5	59.5	0.0	0.0%
87.7%	59.3	59.3	0.0	0.0%
88.9%	59.3	59.3	0.0	0.0%
90.1%	59.2	59.2	0.0	0.0%
91.4%	59.1	59.1	0.0	0.0%
92.6%	59.0	59.0	0.0	0.0%
93.8%	58.8	58.8	0.0	0.0%
95.1%	58.7	58.7	0.0	0.0%
96.3%	58.6	58.6	0.0	0.0%
97.5%	58.5	58.5	0.0	0.0%
98.8%	58.2	58.2	0.0	0.0%
100.0%	58.2	58.2	0.0	0.0%

Table SQ-19-3b

American River at Watt Avenue, Monthly Temperature

Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.7	72.9	-0.8	-1.1%
1.2%	73.0	72.8	-0.2	-0.3%
2.5%	73.0	72.3	-0.7	-1.0%
3.7%	72.8	72.2	-0.6	-0.8%
4.9%	72.1	71.7	-0.4	-0.6%
6.2%	72.1	71.5	-0.6	-0.8%
7.4%	72.0	71.4	-0.6	-0.8%
8.6%	72.0	71.4	-0.6	-0.8%
9.9%	71.9	71.3	-0.6	-0.8%
11.1%	71.6	71.1	-0.5	-0.7%
12.3%	71.3	71.0	-0.3	-0.4%
13.6%	71.3	71.0	-0.3	-0.4%
14.8%	71.0	71.0	0.0	0.0%
16.0%	71.0	70.9	-0.1	-0.1%
17.3%	70.8	70.9	0.1	0.1%
18.5%	70.7	70.5	-0.2	-0.3%
19.8%	70.6	70.5	-0.1	-0.1%
21.0%	70.5	69.9	-0.6	-0.9%
22.2%	69.7	69.5	-0.2	-0.3%
23.5%	69.5	69.4	-0.1	-0.1%
24.7%	69.3	69.4	0.1	0.1%
25.9%	69.2	69.4	0.2	0.3%
27.2%	69.2	69.2	0.0	0.0%
28.4%	69.1	69.1	0.0	0.0%
29.6%	68.9	69.0	0.1	0.1%
30.9%	68.7	68.9	0.2	0.3%
32.1%	68.7	68.8	0.1	0.1%
33.3%	68.6	68.7	0.1	0.1%
34.6%	68.5	68.6	0.1	0.1%
35.8%	68.4	68.4	0.0	0.0%
37.0%	68.0	68.3	0.3	0.4%
38.3%	67.9	68.3	0.4	0.6%
39.5%	67.9	68.2	0.3	0.4%
40.7%	67.8	68.0	0.2	0.3%
42.0%	67.8	68.0	0.2	0.3%
43.2%	67.6	67.9	0.3	0.4%
44.4%	67.6	67.8	0.2	0.3%
45.7%	67.2	67.8	0.6	0.9%
46.9%	67.1	67.4	0.3	0.4%
48.1%	67.1	67.2	0.1	0.1%
49.4%	67.0	67.1	0.1	0.1%
50.6%	66.9	67.1	0.2	0.3%
51.9%	66.8	67.0	0.2	0.3%
53.1%	66.8	67.0	0.2	0.3%
54.3%	66.8	66.9	0.1	0.1%
55.6%	66.7	66.9	0.2	0.3%
56.8%	66.4	66.9	0.5	0.8%
58.0%	66.3	66.8	0.5	0.8%
59.3%	66.2	66.4	0.2	0.3%
60.5%	66.2	66.3	0.1	0.2%
61.7%	66.2	66.3	0.1	0.2%
63.0%	65.8	65.8	0.0	0.0%
64.2%	65.8	65.8	0.0	0.0%
65.4%	65.7	65.7	0.0	0.0%
66.7%	65.6	65.5	-0.1	-0.2%
67.9%	65.4	65.4	0.0	0.0%
69.1%	65.3	65.3	0.0	0.0%
70.4%	65.3	65.3	0.0	0.0%
71.6%	65.1	65.1	0.0	0.0%
72.8%	65.1	65.0	-0.1	-0.2%
74.1%	65.0	65.0	0.0	0.0%
75.3%	64.9	64.9	0.0	0.0%
76.5%	64.7	64.7	0.0	0.0%
77.8%	64.7	64.7	0.0	0.0%
79.0%	64.7	64.7	0.0	0.0%
80.2%	64.3	64.3	0.0	0.0%
81.5%	64.2	64.2	0.0	0.0%
82.7%	63.9	63.9	0.0	0.0%
84.0%	63.9	63.9	0.0	0.0%
85.2%	63.8	63.8	0.0	0.0%
86.4%	63.8	63.8	0.0	0.0%
87.7%	63.7	63.7	0.0	0.0%
88.9%	63.7	63.7	0.0	0.0%
90.1%	63.7	63.7	0.0	0.0%
91.4%	63.7	63.7	0.0	0.0%
92.6%	63.5	63.5	0.0	0.0%
93.8%	63.3	63.3	0.0	0.0%
95.1%	63.3	63.3	0.0	0.0%
96.3%	63.2	63.2	0.0	0.0%
97.5%	62.9	62.9	0.0	0.0%
98.8%	62.7	62.7	0.0	0.0%
100.0%	62.7	62.7	0.0	0.0%

July				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	77.0	74.7	-2.3	-3.0%
1.2%	76.7	74.2	-2.5	-3.3%
2.5%	74.7	73.3	-1.4	-1.9%
3.7%	74.2	72.8	-1.4	-1.9%
4.9%	73.4	72.8	-0.6	-0.8%
6.2%	73.0	72.7	-0.3	-0.4%
7.4%	71.9	72.5	0.6	0.8%
8.6%	71.5	71.5	0.0	0.0%
9.9%	71.2	71.2	0.0	0.0%
11.1%	71.1	71.0	-0.1	-0.1%
12.3%	71.0	71.0	0.0	0.0%
13.6%	70.8	70.9	0.1	0.1%
14.8%	70.8	70.9	0.1	0.1%
16.0%	70.7	70.8	0.1	0.1%
17.3%	70.5	70.7	0.2	0.3%
18.5%	70.5	70.4	-0.1	-0.1%
19.8%	70.4	70.4	0.0	0.0%
21.0%	70.0	70.3	0.3	0.4%
22.2%	69.9	70.3	0.4	0.6%
23.5%	69.7	70.1	0.4	0.6%
24.7%	69.6	70.0	0.4	0.6%
25.9%	69.6	70.0	0.4	0.6%
27.2%	69.6	70.0	0.4	0.6%
28.4%	69.5	69.9	0.4	0.6%
29.6%	69.3	69.9	0.6	0.9%
30.9%	69.3	69.8	0.5	0.7%
32.1%	69.2	69.7	0.5	0.7%
33.3%	69.2	69.6	0.4	0.6%
34.6%	69.2	69.5	0.3	0.4%
35.8%	69.0	69.5	0.5	0.7%
37.0%	68.9	69.4	0.5	0.7%
38.3%	68.9	69.4	0.5	0.7%
39.5%	68.9	69.4	0.5	0.7%
40.7%	68.7	69.4	0.7	1.0%
42.0%	68.7	69.3	0.6	0.9%
43.2%	68.6	69.2	0.6	0.9%
44.4%	68.6	69.2	0.6	0.9%
45.7%	68.6	69.2	0.6	0.9%
46.9%	68.4	69.1	0.7	1.0%
48.1%	68.4	69.1	0.7	1.0%
49.4%	68.4	69.1	0.7	1.0%
50.6%	68.3	69.1	0.8	1.2%
51.9%	68.0	69.1	1.1	1.6%
53.1%	68.0	69.1	1.1	1.6%
54.3%	68.0	69.0	1.0	1.5%
55.6%	68.0	69.0	1.0	1.5%
56.8%	68.0	68.9	0.9	1.3%
58.0%	68.0	68.9	0.9	1.3%
59.3%	68.0	68.7	0.7	1.0%
60.5%	68.0	68.7	0.7	1.0%
61.7%	68.0	68.6	0.6	0.9%
63.0%	67.9	68.5	0.6	0.9%
64.2%	67.8	68.5	0.7	1.0%
65.4%	67.8	68.5	0.7	1.0%
66.7%	67.7	68.3	0.6	0.9%
67.9%	67.7	68.2	0.5	0.7%
69.1%	67.7	68.1	0.4	0.6%
70.4%	67.7	68.0	0.3	0.4%
71.6%	67.5	67.9	0.4	0.6%
72.8%	67.5	67.9	0.4	0.6%
74.1%	67.5	67.9	0.4	0.6%
75.3%	67.5	67.9	0.4	0.6%
76.5%	67.5	67.9	0.4	0.6%
77.8%	67.5	67.9	0.4	0.6%
79.0%	67.4	67.8	0.4	0.6%
80.2%	67.4	67.7	0.3	0.4%
81.5%	67.4	67.6	0.2	0.3%
82.7%	67.4	67.5	0.1	0.1%
84.0%	67.3	67.5	0.2	0.3%
85.2%	67.2	67.4	0.2	0.3%
86.4%	67.2	67.3	0.1	0.1%
87.7%	67.2	67.3	0.1	0.1%
88.9%	67.2	67.2	0.0	0.0%
90.1%	67.1	67.1	0.0	0.0%
91.4%	67.1	67.1	0.0	0.0%
92.6%	67.0	67.0	0.0	0.0%
93.8%	67.0	66.9	-0.1	-0.1%
95.1%	67.0	66.8	-0.2	-0.3%
96.3%	67.0	66.7	-0.3	-0.4%
97.5%	67.0	66.6	-0.4	-0.6%
98.8%	66.4	66.2	-0.2	-0.3%
100.0%	66.4	66.2	-0.2	-0.3%

August				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	74.9	73.9	-1.0	-1.3%
1.2%	73.9	73.1	-0.8	-1.1%
2.5%	73.7	73.1	-0.6	-0.8%
3.7%	73.4	73.1	-0.3	-0.4%
4.9%	73.3	72.7	-0.6	-0.8%
6.2%	73.2	72.2	-1.0	-1.4%
7.4%	73.0	72.1	-0.9	-1.2%
8.6%	72.9	72.1	-0.8	-1.1%
9.9%	72.5	71.6	-0.9	-1.2%
11.1%	72.4	71.5	-0.9	-1.2%
12.3%	71.8	71.4	-0.4	-0.6%
13.6%	71.7	71.4	-0.3	-0.4%
14.8%	71.6	71.4	-0.2	-0.3%
16.0%	71.4	71.1	-0.3	-0.4%
17.3%	71.4	70.7	-0.7	-1.0%
18.5%	71.3	70.7	-0.6	-0.8%
19.8%	71.2	70.6	-0.6	-0.8%
21.0%	71.2	70.5	-0.7	-1.0%
22.2%	71.2	70.4	-0.8	-1.1%
23.5%	71.0	70.4	-0.6	-0.8%
24.7%	71.0	70.4	-0.6	-0.8%
25.9%	70.8	70.2	-0.6	-0.8%
27.2%	70.7	70.1	-0.6	-0.8%
28.4%	70.6	70.1	-0.5	-0.7%
29.6%	70.6	70.0	-0.6	-0.8%
30.9%	70.6	69.9	-0.7	-1.0%
32.1%	70.6	69.8	-0.8	-1.1%
33.3%	70.5	69.8	-0.7	-1.0%
34.6%	70.5	69.8	-0.7	-1.0%
35.8%	70.3	69.8	-0.5	-0.7%
37.0%	70.1	69.7	-0.4	-0.6%
38.3%	70.1	69.7	-0.4	-0.6%
39.5%	69.8	69.4	-0.4	-0.6%
40.7%	69.6	69.3	-0.3	-0.4%
42.0%	69.5	69.3	-0.2	-0.3%
43.2%	69.2	69.3	0.1	0.1%
44.4%	69.2	69.2	0.0	0.0%
45.7%	69.1	69.1	0.0	0.0%
46.9%	69.1	69.1	0.0	0.0%
48.1%	69.0	69.1	0.1	0.1%
49.4%	69.0	69.0	0.0	0.0%
50.6%	69.0	69.0	0.0	0.0%
51.9%	69.0	68.9	-0.1	-0.1%
53.1%	68.8	68.8	0.0	0.0%
54.3%	68.8	68.8	0.0	0.0%
55.6%	68.8	68.7	-0.1	-0.1%
56.8%	68.8	68.7	-0.1	-0.1%
58.0%	68.7	68.6	-0.1	-0.1%
59.3%	68.7	68.6	-0.1	-0.1%
60.5%	68.7	68.6	-0.1	-0.1%
61.7%	68.7	68.5	-0.2	-0.3%
63.0%	68.6	68.5	-0.1	-0.1%
64.2%	68.6	68.5	-0.1	-0.1%
65.4%	68.6	68.4	-0.2	-0.3%
66.7%	68.6	68.4	-0.2	-0.3%
67.9%	68.5	68.4	-0.1	-0.1%
69.1%	68.5	68.3	-0.2	-0.3%
70.4%	68.2	68.2	0.0	0.0%
71.6%	68.1	68.2	0.1	0.1%
72.8%	68.0	68.2	0.2	0.3%
74.1%	68.0	68.2	0.2	0.3%
75.3%	67.9	68.1	0.2	0.3%
76.5%	67.9	67.9	0.0	0.0%
77.8%	67.9	67.9	0.0	0.0%
79.0%	67.9	67.9	0.0	0.0%
80.2%	67.8	67.8	0.0	0.0%
81.5%	67.7	67.8	0.1	0.1%
82.7%	67.6	67.6	0.0	0.0%
84.0%	67.6	67.6	0.0	0.0%
85.2%	67.5	67.6	0.1	0.1%
86.4%	67.5	67.5	0.0	0.0%
87.7%	67.4	67.5	0.1	0.1%
88.9%	67.4	67.4	0.0	0.0%
90.1%	67.3	67.4	0.1	0.1%
91.4%	67.3	67.3	0.0	0.0%
92.6%	67.2	67.2	0.0	0.0%
93.8%	67.2	67.0	-0.2	-0.3%
95.1%	67.1	66.9	-0.2	-0.3%
96.3%	66.9	66.8	-0.1	-0.1%
97.5%	66.8	66.6	-0.2	-0.3%
98.8%	66.6	66.6	0.0	0.0%
100.0%	66.6	66.6	0.0	0.0%

September				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	71.4	71.3	-0.1	-0.1%
1.2%	70.6	70.1	-0.5	-0.7%
2.5%	70.5	69.4	-1.1	-1.6%
3.7%	69.9	69.3	-0.6	-0.9%
4.9%	69.9	69.3	-0.6	-0.9%
6.2%	69.5	69.2	-0.3	-0.4%
7.4%	69.5	69.1	-0.4	-0.6%
8.6%	69.3	69.1	-0.2	-0.3%
9.9%	69.3	69.1	-0.2	-0.3%
11.1%	69.2	68.9	-0.3	-0.4%
12.3%	69.0	68.9	-0.1	-0.1%
13.6%	68.9	68.8	-0.1	-0.1%
14.8%	68.8	68.8	0.0	0.0%
16.0%	68.8	68.8	0.0	0.0%
17.3%	68.7	68.6	-0.1	-0.1%
18.5%	68.5	68.6	0.1	0.1%
19.8%	68.5	68.5	0.0	0.0%
21.0%	68.4	68.4	0.0	0.0%
22.2%	68.4	68.4	0.0	0.0%
23.5%	68.4	68.4	0.0	0.0%
24.7%	68.3	68.3	0.0	0.0%
25.9%	68.2	68.3	0.1	0.1%
27.2%	68.2	68.0	-0.2	-0.3%
28.4%	68.1	68.0	-0.1	-0.1%
29.6%	68.0	68.0	0.0	0.0%
30.9%	67.9	67.7	-0.2	-0.3%
32.1%	67.9	67.7	-0.2	-0.3%
33.3%	67.8	67.7	-0.1	-0.1%
34.6%	67.8	67.6	-0.2	-0.3%
35.8%	67.8	67.3	-0.5	-0.7%
37.0%	67.4	67.2	-0.2	-0.3%
38.3%	67.4	67.1	-0.3	-0.4%
39.5%	67.4	67.1	-0.3	-0.4%
40.7%	67.3	67.0	-0.3	-0.4%
42.0%	67.3	67.0	-0.3	-0.4%
43.2%	67.3	67.0	-0.3	-0.4%
44.4%	67.2	66.9	-0.3	-0.4%
45.7%	67.1	66.9	-0.2	-0.3%
46.9%	66.9	66.8	-0.1	-0.1%
48.1%	66.9	66.8	-0.1	-0.1%
49.4%	66.7	66.8	0.1	0.1%
50.6%	66.6	66.5	-0.1	-0.2%
51.9%	66.6	66.5	-0.1	-0.2%
53.1%	66.5	66.4	-0.1	-0.2%
54.3%	66.5	66.4	-0.1	-0.2%
55.6%	66.5	66.3	-0.2	-0.3%
56.8%	66.4	66.3	-0.1	-0.2%
58.0%	66.4	66.3	-0.1	-0.2%
59.3%	66.3	66.3	0.0	0.0%
60.5%	66.3	66.3	0.0	0.0%
61.7%	66.3	66.2	-0.1	-0.2%
63.0%	66.3	66.2	-0.1	-0.2%
64.2%	66.3	66.2	-0.1	-0.2%
65.4%	66.2	66.2	0.0	0.0%
66.7%	66.2	66.1	-0.1	-0.2%
67.9%	66.2	66.1	-0.1	-0.2%
69.1%	66.2	66.1	-0.1	-0.2%
70.4%	66.2	66.1	-0.1	-0.2%
71.6%	66.2	66.0	-0.2	-0.3%
72.8%	66.1	65.9	-0.2	-0.3%
74.1%	66.1	65.9	-0.2	-0.3%
75.3%	66.0	65.9	-0.1	-0.2%
76.5%	66.0	65.9	-0.1	-0.2%
77.8%	66.0	65.9	-0.1	-0.2%
79.0%	66.0	65.9	-0.1	-0.2%
80.2%	65.9	65.8	-0.1	-0.2%
81.5%	65.9	65.7	-0.2	-0.3%
82.7%	65.9	65.7	-0.2	-0.3%
84.0%	65.8	65.6	-0.2	-0.3%
85.2%	65.6	65.6	0.0	0.0%
86.4%	65.6	65.6	0.0	0.0%
87.7%	65.6	65.5	-0.1	-0.2%
88.9%	65.5	65.5	0.0	0.0%
90.1%	65.3	65.5	0.2	0.3%
91.4%	65.3	65.4	0.1	0.2%
92.6%	65.2	65.3	0.1	0.2%
93.8%	65.0	65.3	0.3	0.5%
95.1%	65.0	65.2	0.2	0.3%
96.3%	65.0	65.0	0.0	0.0%
97.5%	64.7	64.9	0.2	0.3%
98.8%	64.3	64.8	0.5	0.8%
100.0%	64.3	64.8	0.5	0.8%

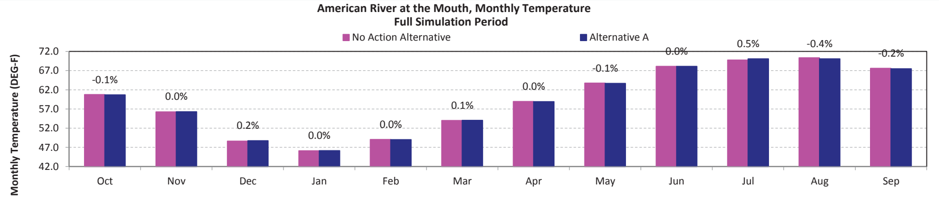
Table SQ-20-3a
American River at the Mouth, Monthly Temperature
Long-term Average and Average by Water Year Type

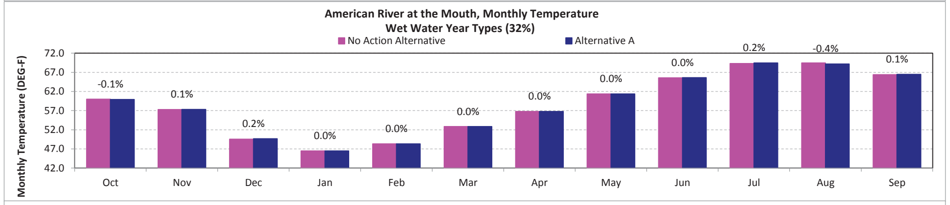
	Monthly Temperature (DEG-F)											
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period[1]												
No Action Alternative	60.8	56.3	48.6	46.1	49.0	54.0	58.9	63.7	68.1	69.7	70.4	67.6
Alternative A	60.7	56.3	48.8	46.1	49.0	54.0	58.9	63.7	68.1	70.1	70.1	67.5
Difference	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.3	-0.3	-0.1
Percent Difference[3]	-0.1%	0.0%	0.2%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.5%	-0.4%	-0.2%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	60.0	57.3	49.6	46.5	48.3	52.8	56.8	61.4	65.6	69.3	69.5	66.4
Alternative A	59.9	57.3	49.7	46.5	48.3	52.8	56.8	61.4	65.6	69.5	69.2	66.5
Difference	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.3	0.1
Percent Difference	-0.1%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.4%	0.1%
Above Normal (15%)												
No Action Alternative	59.6	55.7	48.6	46.4	48.6	53.3	58.4	63.2	67.9	68.6	69.7	66.8
Alternative A	59.5	55.7	48.7	46.4	48.6	53.4	58.4	63.2	68.1	69.0	69.4	66.9
Difference	-0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.4	-0.3	0.1
Percent Difference	-0.2%	-0.1%	0.2%	0.1%	-0.1%	0.1%	0.0%	0.0%	0.2%	0.6%	-0.4%	0.1%
Below Normal (17%)												
No Action Alternative	59.5	56.1	48.9	45.5	48.0	53.9	59.0	63.2	68.1	68.3	70.5	68.0
Alternative A	59.4	56.2	49.0	45.5	47.9	54.0	58.9	63.0	68.1	69.5	70.0	67.6
Difference	0.0	0.1	0.1	0.1	0.0	0.1	-0.1	-0.1	0.0	1.2	-0.5	-0.4
Percent Difference	0.0%	0.2%	0.2%	0.1%	0.0%	0.2%	-0.1%	-0.2%	0.0%	1.8%	-0.7%	-0.7%
Dry (22%)												
No Action Alternative	61.3	56.0	48.4	45.7	49.5	54.7	60.3	65.9	70.1	69.9	70.4	68.2
Alternative A	61.0	56.0	48.6	45.7	49.4	54.6	60.4	65.7	70.0	70.2	70.6	68.2
Difference	-0.3	0.1	0.2	0.0	-0.1	0.0	0.1	-0.1	-0.1	0.3	0.2	-0.1
Percent Difference	-0.5%	0.1%	0.5%	-0.1%	-0.2%	0.0%	0.2%	-0.2%	-0.2%	0.5%	0.3%	-0.1%
Critical (15%)												
No Action Alternative	64.2	55.1	46.8	46.2	51.3	56.1	61.7	66.5	70.4	73.4	72.6	69.4
Alternative A	64.3	55.1	46.8	46.2	51.4	56.1	61.6	66.5	70.5	72.8	71.8	69.1
Difference	0.1	0.0	0.0	0.1	0.1	0.1	-0.1	0.0	0.1	-0.6	-0.7	-0.3
Percent Difference	0.2%	-0.1%	0.1%	0.1%	0.1%	0.1%	-0.1%	0.0%	0.1%	-0.8%	-1.0%	-0.4%

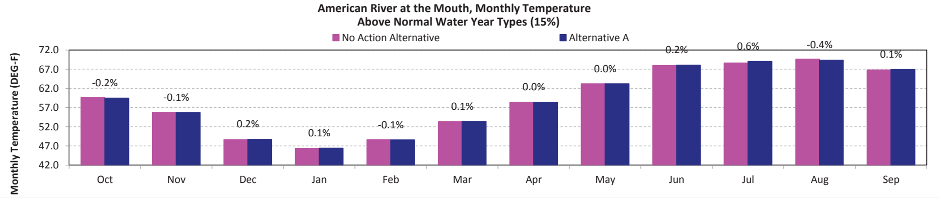
1 Based on the 82-year simulation period

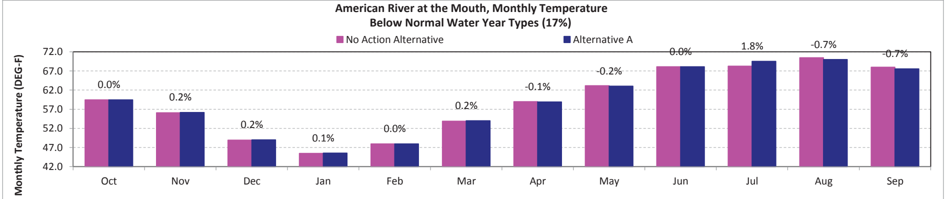
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

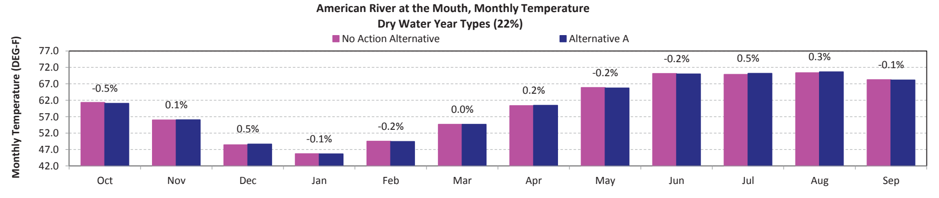
3 Relative difference of the monthly average











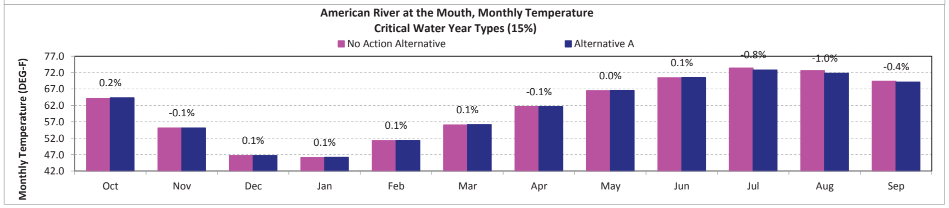


Figure SQ-20-3b
American River at the Mouth, Monthly Temperature
Probability of Exceedance

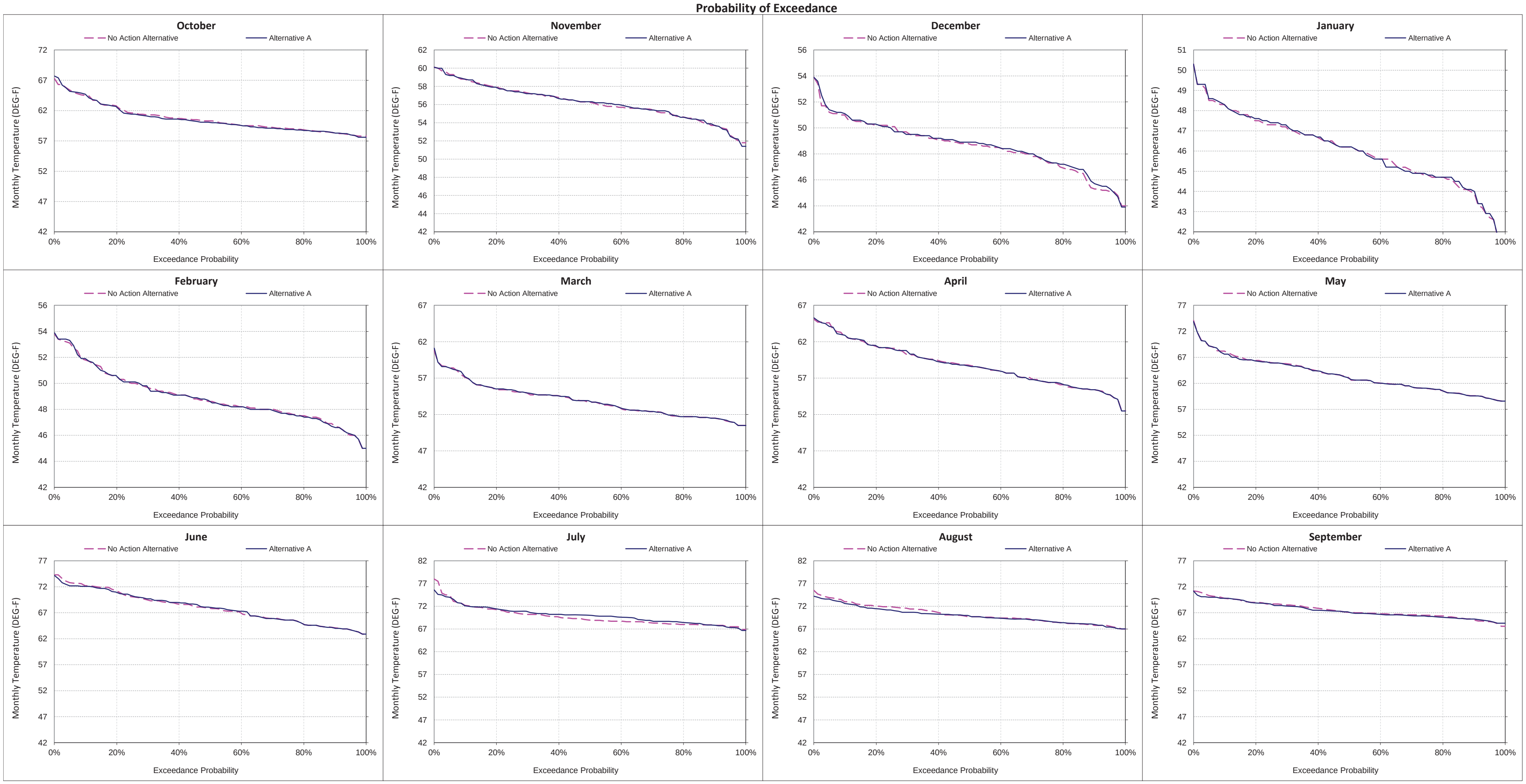


Table SQ-20-3b

American River at the Mouth, Monthly Temperature
Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.3	67.7	0.4	0.6%
1.2%	66.3	67.4	1.1	1.7%
2.5%	66.3	66.2	-0.1	-0.2%
3.7%	65.8	65.8	0.0	0.0%
4.9%	65.4	65.2	-0.2	-0.3%
6.2%	65.0	65.1	0.1	0.2%
7.4%	64.8	65.0	0.2	0.3%
8.6%	64.6	64.9	0.3	0.5%
9.9%	64.5	64.7	0.2	0.3%
11.1%	64.4	64.1	-0.3	-0.5%
12.3%	63.7	63.8	0.1	0.2%
13.6%	63.7	63.7	0.0	0.0%
14.8%	63.1	63.1	0.0	0.0%
16.0%	62.9	63.0	0.1	0.2%
17.3%	62.9	62.9	0.0	0.0%
18.5%	62.9	62.8	-0.1	-0.2%
19.8%	62.8	62.7	-0.1	-0.2%
21.0%	62.3	62.1	-0.2	-0.3%
22.2%	62.1	61.6	-0.5	-0.8%
23.5%	61.7	61.5	-0.2	-0.3%
24.7%	61.6	61.4	-0.2	-0.3%
25.9%	61.6	61.4	-0.2	-0.3%
27.2%	61.4	61.3	-0.1	-0.2%
28.4%	61.4	61.2	-0.2	-0.3%
29.6%	61.3	61.1	-0.2	-0.3%
30.9%	61.3	61.0	-0.3	-0.5%
32.1%	61.3	61.0	-0.3	-0.5%
33.3%	61.2	60.9	-0.3	-0.5%
34.6%	61.1	60.7	-0.4	-0.7%
35.8%	60.9	60.6	-0.3	-0.5%
37.0%	60.8	60.6	-0.2	-0.3%
38.3%	60.8	60.6	-0.2	-0.3%
39.5%	60.7	60.6	-0.1	-0.2%
40.7%	60.7	60.5	-0.2	-0.3%
42.0%	60.6	60.5	-0.1	-0.2%
43.2%	60.6	60.4	-0.2	-0.3%
44.4%	60.5	60.3	-0.2	-0.3%
45.7%	60.5	60.2	-0.3	-0.5%
46.9%	60.4	60.1	-0.3	-0.5%
48.1%	60.3	60.1	-0.2	-0.3%
49.4%	60.3	60.1	-0.2	-0.3%
50.6%	60.3	60.0	-0.3	-0.5%
51.9%	60.2	60.0	-0.2	-0.3%
53.1%	60.0	59.9	-0.1	-0.2%
54.3%	59.9	59.9	0.0	0.0%
55.6%	59.9	59.8	-0.1	-0.2%
56.8%	59.8	59.7	-0.1	-0.2%
58.0%	59.7	59.7	0.0	0.0%
59.3%	59.6	59.6	0.0	0.0%
60.5%	59.5	59.5	0.0	0.0%
61.7%	59.5	59.5	0.0	0.0%
63.0%	59.5	59.3	-0.2	-0.3%
64.2%	59.5	59.3	-0.2	-0.3%
65.4%	59.5	59.2	-0.3	-0.5%
66.7%	59.4	59.2	-0.2	-0.3%
67.9%	59.3	59.1	-0.2	-0.3%
69.1%	59.3	59.1	-0.2	-0.3%
70.4%	59.2	59.1	-0.1	-0.2%
71.6%	59.1	59.0	-0.1	-0.2%
72.8%	59.1	59.0	-0.1	-0.2%
74.1%	59.1	58.9	-0.2	-0.3%
75.3%	59.0	58.9	-0.1	-0.2%
76.5%	59.0	58.9	-0.1	-0.2%
77.8%	58.9	58.8	-0.1	-0.2%
79.0%	58.9	58.8	-0.1	-0.2%
80.2%	58.8	58.7	-0.1	-0.2%
81.5%	58.7	58.7	0.0	0.0%
82.7%	58.7	58.6	-0.1	-0.2%
84.0%	58.6	58.6	0.0	0.0%
85.2%	58.5	58.6	0.1	0.2%
86.4%	58.5	58.6	0.1	0.2%
87.7%	58.5	58.5	0.0	0.0%
88.9%	58.4	58.4	0.0	0.0%
90.1%	58.3	58.3	0.0	0.0%
91.4%	58.2	58.3	0.1	0.2%
92.6%	58.2	58.2	0.0	0.0%
93.8%	58.1	58.2	0.1	0.2%
95.1%	58.0	58.0	0.0	0.0%
96.3%	57.9	57.9	0.0	0.0%
97.5%	57.8	57.6	-0.2	-0.3%
98.8%	57.8	57.6	-0.2	-0.3%
100.0%	57.8	57.6	-0.2	-0.3%

November				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.1	60.1	0.0	0.0%
1.2%	60.0	60.0	0.0	0.0%
2.5%	59.7	60.0	0.3	0.5%
3.7%	59.6	59.3	-0.3	-0.5%
4.9%	59.3	59.2	-0.1	-0.2%
6.2%	59.3	59.2	-0.1	-0.2%
7.4%	59.0	59.0	0.0	0.0%
8.6%	58.8	58.9	0.1	0.2%
9.9%	58.8	58.8	0.0	0.0%
11.1%	58.6	58.7	0.1	0.2%
12.3%	58.5	58.7	0.2	0.3%
13.6%	58.4	58.3	-0.1	-0.2%
14.8%	58.3	58.2	-0.1	-0.2%
16.0%	58.2	58.1	-0.1	-0.2%
17.3%	58.1	58.0	-0.1	-0.2%
18.5%	58.0	57.9	-0.1	-0.2%
19.8%	58.0	57.9	-0.1	-0.2%
21.0%	57.8	57.7	-0.1	-0.2%
22.2%	57.7	57.7	0.0	0.0%
23.5%	57.5	57.5	0.0	0.0%
24.7%	57.5	57.5	0.0	0.0%
25.9%	57.5	57.4	-0.1	-0.2%
27.2%	57.5	57.4	-0.1	-0.2%
28.4%	57.4	57.3	-0.1	-0.2%
29.6%	57.3	57.2	-0.1	-0.2%
30.9%	57.2	57.2	0.0	0.0%
32.1%	57.1	57.2	0.1	0.2%
33.3%	57.1	57.1	0.0	0.0%
34.6%	57.1	57.1	0.0	0.0%
35.8%	56.9	57.0	0.1	0.2%
37.0%	56.9	57.0	0.1	0.2%
38.3%	56.9	56.9	0.0	0.0%
39.5%	56.8	56.7	-0.1	-0.2%
40.7%	56.7	56.6	-0.1	-0.2%
42.0%	56.6	56.6	0.0	0.0%
43.2%	56.5	56.5	0.0	0.0%
44.4%	56.5	56.5	0.0	0.0%
45.7%	56.4	56.4	0.0	0.0%
46.9%	56.3	56.3	0.0	0.0%
48.1%	56.3	56.3	0.0	0.0%
49.4%	56.3	56.3	0.0	0.0%
50.6%	56.2	56.3	0.1	0.2%
51.9%	56.1	56.2	0.1	0.2%
53.1%	55.9	56.2	0.3	0.5%
54.3%	55.9	56.2	0.3	0.5%
55.6%	55.8	56.1	0.3	0.5%
56.8%	55.8	56.1	0.3	0.5%
58.0%	55.8	56.0	0.2	0.4%
59.3%	55.7	56.0	0.3	0.5%
60.5%	55.7	55.9	0.2	0.4%
61.7%	55.6	55.8	0.2	0.4%
63.0%	55.6	55.7	0.1	0.2%
64.2%	55.6	55.6	0.0	0.0%
65.4%	55.6	55.6	0.0	0.0%
66.7%	55.5	55.5	0.0	0.0%
67.9%	55.5	55.5	0.0	0.0%
69.1%	55.5	55.4	-0.1	-0.2%
70.4%	55.4	55.4	0.0	0.0%
71.6%	55.2	55.3	0.1	0.2%
72.8%	55.1	55.3	0.2	0.4%
74.1%	55.1	55.3	0.2	0.4%
75.3%	55.0	55.2	0.2	0.4%
76.5%	54.9	54.8	-0.1	-0.2%
77.8%	54.7	54.8	0.1	0.2%
79.0%	54.7	54.6	-0.1	-0.2%
80.2%	54.6	54.6	0.0	0.0%
81.5%	54.5	54.5	0.0	0.0%
82.7%	54.5	54.4	-0.1	-0.2%
84.0%	54.4	54.4	0.0	0.0%
85.2%	54.2	54.3	0.1	0.2%
86.4%	54.0	54.3	0.3	0.6%
87.7%	54.0	53.9	-0.1	-0.2%
88.9%	53.7	53.9	0.2	0.4%
90.1%	53.7	53.7	0.0	0.0%
91.4%	53.5	53.6	0.1	0.2%
92.6%	53.4	53.3	-0.1	-0.2%
93.8%	53.3	53.2	-0.1	-0.2%
95.1%	52.6	52.5	-0.1	-0.2%
96.3%	52.3	52.3	0.0	0.0%
97.5%	52.0	52.2	0.2	0.4%
98.8%	51.8	51.4	-0.4	-0.8%
100.0%	51.8	51.4	-0.4	-0.8%

December				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.9	53.9	0.0	0.0%
1.2%	53.4	53.6	0.2	0.4%
2.5%	51.7	52.5	0.8	1.5%
3.7%	51.7	51.8	0.1	0.2%
4.9%	51.2	51.4	0.2	0.4%
6.2%	51.1	51.3	0.2	0.4%
7.4%	51.1	51.2	0.1	0.2%
8.6%	51.0	51.2	0.2	0.4%
9.9%	51.0	51.1	0.1	0.2%
11.1%	50.6	50.9	0.3	0.6%
12.3%	50.6	50.6	0.0	0.0%
13.6%	50.5	50.6	0.1	0.2%
14.8%	50.5	50.6	0.1	0.2%
16.0%	50.4	50.5	0.1	0.2%
17.3%	50.3	50.3	0.0	0.0%
18.5%	50.3	50.3	0.0	0.0%
19.8%	50.2	50.3	0.1	0.2%
21.0%	50.2	50.2	0.0	0.0%
22.2%	50.2	50.1	-0.1	-0.2%
23.5%	50.2	50.1	-0.1	-0.2%
24.7%	50.1	50.0	-0.1	-0.2%
25.9%	50.1	49.7	-0.4	-0.8%
27.2%	49.7	49.7	0.0	0.0%
28.4%	49.7	49.7	0.0	0.0%
29.6%	49.7	49.5	-0.2	-0.4%
30.9%	49.5	49.5	0.0	0.0%
32.1%	49.4	49.5	0.1	0.2%
33.3%	49.4	49.5	0.1	0.2%
34.6%	49.4	49.4	0.0	0.0%
35.8%	49.4	49.4	0.0	0.0%
37.0%	49.2	49.4	0.2	0.4%
38.3%	49.2	49.2	0.0	0.0%
39.5%	49.1	49.2	0.1	0.2%
40.7%	49.1	49.2	0.1	0.2%
42.0%	49.0	49.1	0.1	0.2%
43.2%	49.0	49.1	0.1	0.2%
44.4%	48.9	49.1	0.2	0.4%
45.7%	48.9	49.0	0.1	0.2%
46.9%	48.8	48.9	0.1	0.2%
48.1%	48.8	48.9	0.1	0.2%
49.4%	48.8	48.9	0.1	0.2%
50.6%	48.7	48.9	0.2	0.4%
51.9%	48.7	48.9	0.2	0.4%
53.1%	48.7	48.8	0.1	0.2%
54.3%	48.6	48.8	0.2	0.4%
55.6%	48.6	48.7	0.1	0.2%
56.8%	48.5	48.7	0.2	0.4%
58.0%	48.5	48.6	0.1	0.2%
59.3%	48.5	48.5	0.0	0.0%
60.5%	48.4	48.4	0.0	0.0%
61.7%	48.2	48.4	0.2	0.4%
63.0%	48.2	48.4	0.2	0.4%
64.2%	48.1	48.3	0.2	0.4%
65.4%	48.1	48.2	0.1	0.2%
66.7%	48.1	48.2	0.1	0.2%
67.9%	48.0	48.1	0.1	0.2%
69.1%	48.0	48.0	0.0	0.0%
70.4%	47.8	48.0	0.2	0.4%
71.6%	47.8	47.8	0.0	0.0%
72.8%	47.6	47.7	0.1	0.2%
74.1%	47.5	47.5	0.0	0.0%
75.3%	47.3	47.4	0.1	0.2%
76.5%	47.3	47.3	0.0	0.0%
77.8%	47.3	47.3	0.0	0.0%
79.0%	47.0	47.2	0.2	0.4%
80.2%	46.9	47.2	0.3	0.6%
81.5%	46.8	47.1	0.3	0.6%
82.7%	46.8	47.0	0.2	0.4%
84.0%	46.7	46.9	0.2	0.4%
85.2%	46.5	46.8	0.3	0.6%
86.4%	46.5	46.8	0.3	0.6%
87.7%	45.9	46.4	0.5	1.1%
88.9%	45.4	45.9	0.5	1.1%
90.1%	45.3	45.7	0.4	0.9%
91.4%	45.3	45.6	0.3	0.7%
92.6%	45.2	45.5	0.3	0.7%
93.8%	45.2	45.5	0.3	0.7%
95.1%	45.1	45.3	0.2	0.4%
96.3%	45.1	45.0	-0.1	-0.2%
97.5%	44.8	44.7	-0.1	-0.2%
98.8%	44.0	43.9	-0.1	-0.2%
100.0%	44.0	43.9	-0.1	-0.2%

January				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.3	50.3	0.0	0.0%
1.2%	49.3	49.3	0.0	0.0%
2.5%	49.3	49.3	0.0	0.0%
3.7%	49.1	49.3	0.2	0.4%
4.9%	48.5	48.6	0.1	0.2%
6.2%	48.5	48.6	0.1	0.2%
7.4%	48.4	48.5	0.1	0.2%
8.6%	48.3	48.4	0.1	0.2%
9.9%	48.3	48.3	0.0	0.0%
11.1%	48.1	48.1	0.0	0.0%
12.3%	48.0	48.0	0.0	0.0%
13.6%	48.0	47.9	-0.1	-0.2%
14.8%	47.9	47.8	-0.1	-0.2%
16.0%	47.8	47.8	0.0	0.0%
17.3%	47.8	47.7	-0.1	-0.2%
18.5%	47.6	47.7	0.1	0.2%
19.8%	47.5	47.6	0.1	0.2%
21.0%	47.5	47.6	0.1	0.2%
22.2%	47.4	47.5	0.1	0.2%
23.5%	47.3	47.5	0.2	0.4%
24.7%	47.3	47.4	0.1	0.2%
25.9%	47.3	47.4	0.1	0.2%
27.2%	47.3	47.4	0.1	0.2%
28.4%	47.2	47.3	0.1	0.2%
29.6%	47.2	47.3	0.1	0.2%
30.9%	47.0	47.1	0.1	0.2%
32.1%	47.0	47.0	0.0	0.0%
33.3%	46.9	47.0	0.1	0.2%
34.6%	46.8	46.9	0.1	0.2%
35.8%	46.8	46.8	0.0	0.0%
37.0%	46.8	46.8	0.0	0.0%
38.3%	46.8	46.8	0.0	0.0%
39.5%	46.7	46.7	0.0	0.0%
40.7%	46.6	46.7	0.1	0.2%
42.0%	46.5	46.5	0.0	0.0%
43.2%	46.5	46.5	0.0	0.0%
44.4%	46.5	46.4	-0.1	-0.2%
45.7%	46.3	46.3	0.0	0.0%
46.9%	46.2	46.2	0.0	0.0%
48.1%	46.2	46.2	0.0	0.0%
49.4%	46.2	46.2	0.0	0.0%
50.6%	46.2	46.2	0.0	0.0%
51.9%	46.1	46.1	0.0	0.0%
53.1%	46.0	46.0	0.0	0.0%
54.3%	46.0	46.0	0.0	0.0%
55.6%	45.9	45.8	-0.1	-0.2%
56.8%	45.8	45.7	-0.1	-0.2%
58.0%	45.7	45.6	-0.1	-0.2%
59.3%	45.6	45.6	0.0	0.0%
60.5%	45.6	45.6	0.0	0.0%
61.7%	45.6	45.2	-0.4	-0.9%
63.0%	45.6	45.2	-0.4	-0.9%
64.2%	45.4	45.2	-0.2	-0.4%
65.4%	45.2	45.2	0.0	0.0%
66.7%	45.2	45.1	-0.1	-0.2%
67.9%	45.2	45.0	-0.2	-0.4%
69.1%	45.1	45.0	-0.1	-0.2%
70.4%	45.0	44.9	-0.1	-0.2%
71.6%	44.9	44.9	0.0	0.0%
72.8%	44.9	44.9	0.0	0.0%
74.1%	44.8	44.9	0.1	0.2%
75.3%	44.8	44.8	0.0	0.0%
76.5%	44.7	44.8	0.1	0.2%
77.8%	44.7	44.7	0.0	0.0%
79.0%	44.7	44.7	0.0	0.0%
80.2%	44.7	44.7	0.0	0.0%
81.5%	44.6	44.7	0.1	0.2%
82.7%	44.6	44.7	0.1	0.2%
84.0%	44.4	44.5	0.1	0.2%
85.2%	44.2	44.5	0.3	0.7%
86.4%	44.1	44.2	0.1	0.2%
87.7%	44.1	44.1	0.0	0.0%
88.9%	44.0	44.1	0.1	0.2%
90.1%	43.9	44.0	0.1	0.2%
91.4%	43.3	43.4	0.1	0.2%
92.6%	43.2	43.4	0.2	0.5%
93.8%	42.9	42.9	0.0	0.0%
95.1%	42.7	42.9	0.2	0.5%
96.3%	42.6	42.6	0.0	0.0%
97.5%	41.8	41.8	0.0	0.0%
98.8%	41.4	41.4	0.0	0.0%
100.0%	41.4	41.4	0.0	0.0%

Table SQ-20-3b

American River at the Mouth, Monthly Temperature
Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.8	53.9	0.1	0.2%
1.2%	53.4	53.4	0.0	0.0%
2.5%	53.3	53.4	0.1	0.2%
3.7%	53.2	53.4	0.2	0.4%
4.9%	53.1	53.3	0.2	0.4%
6.2%	52.7	52.9	0.2	0.4%
7.4%	52.5	52.2	-0.3	-0.6%
8.6%	51.9	51.9	0.0	0.0%
9.9%	51.8	51.9	0.1	0.2%
11.1%	51.7	51.7	0.0	0.0%
12.3%	51.5	51.6	0.1	0.2%
13.6%	51.4	51.3	-0.1	-0.2%
14.8%	51.3	51.0	-0.3	-0.6%
16.0%	50.8	50.9	0.1	0.2%
17.3%	50.7	50.7	0.0	0.0%
18.5%	50.6	50.6	0.0	0.0%
19.8%	50.6	50.6	0.0	0.0%
21.0%	50.3	50.3	0.0	0.0%
22.2%	50.3	50.1	-0.2	-0.4%
23.5%	50.1	50.1	0.0	0.0%
24.7%	50.0	50.1	0.1	0.2%
25.9%	50.0	50.1	0.1	0.2%
27.2%	49.9	50.0	0.1	0.2%
28.4%	49.8	49.8	0.0	0.0%
29.6%	49.7	49.8	0.1	0.2%
30.9%	49.6	49.4	-0.2	-0.4%
32.1%	49.6	49.4	-0.2	-0.4%
33.3%	49.4	49.4	0.0	0.0%
34.6%	49.4	49.3	-0.1	-0.2%
35.8%	49.3	49.3	0.0	0.0%
37.0%	49.3	49.2	-0.1	-0.2%
38.3%	49.2	49.1	-0.1	-0.2%
39.5%	49.1	49.1	0.0	0.0%
40.7%	49.1	49.1	0.0	0.0%
42.0%	49.1	49.1	0.0	0.0%
43.2%	49.0	49.0	0.0	0.0%
44.4%	48.8	48.9	0.1	0.2%
45.7%	48.8	48.9	0.1	0.2%
46.9%	48.7	48.8	0.1	0.2%
48.1%	48.7	48.8	0.1	0.2%
49.4%	48.6	48.7	0.1	0.2%
50.6%	48.6	48.5	-0.1	-0.2%
51.9%	48.5	48.5	0.0	0.0%
53.1%	48.4	48.4	0.0	0.0%
54.3%	48.4	48.3	-0.1	-0.2%
55.6%	48.3	48.3	0.0	0.0%
56.8%	48.3	48.2	-0.1	-0.2%
58.0%	48.3	48.2	-0.1	-0.2%
59.3%	48.2	48.2	0.0	0.0%
60.5%	48.2	48.2	0.0	0.0%
61.7%	48.2	48.1	-0.1	-0.2%
63.0%	48.1	48.0	-0.1	-0.2%
64.2%	48.1	48.0	-0.1	-0.2%
65.4%	48.0	48.0	0.0	0.0%
66.7%	48.0	48.0	0.0	0.0%
67.9%	48.0	48.0	0.0	0.0%
69.1%	48.0	48.0	0.0	0.0%
70.4%	48.0	47.9	-0.1	-0.2%
71.6%	47.9	47.8	-0.1	-0.2%
72.8%	47.8	47.7	-0.1	-0.2%
74.1%	47.7	47.7	0.0	0.0%
75.3%	47.7	47.6	-0.1	-0.2%
76.5%	47.6	47.6	0.0	0.0%
77.8%	47.6	47.5	-0.1	-0.2%
79.0%	47.5	47.5	0.0	0.0%
80.2%	47.5	47.4	-0.1	-0.2%
81.5%	47.4	47.4	0.0	0.0%
82.7%	47.4	47.3	-0.1	-0.2%
84.0%	47.4	47.3	-0.1	-0.2%
85.2%	47.3	47.2	-0.1	-0.2%
86.4%	47.1	47.0	-0.1	-0.2%
87.7%	46.9	46.9	0.0	0.0%
88.9%	46.9	46.7	-0.2	-0.4%
90.1%	46.7	46.6	-0.1	-0.2%
91.4%	46.6	46.6	0.0	0.0%
92.6%	46.4	46.4	0.0	0.0%
93.8%	46.1	46.2	0.1	0.2%
95.1%	46.0	46.1	0.1	0.2%
96.3%	46.0	46.0	0.0	0.0%
97.5%	45.7	45.7	0.0	0.0%
98.8%	45.0	45.0	0.0	0.0%
100.0%	45.0	45.0	0.0	0.0%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.8	61.1	0.3	0.5%
1.2%	59.2	59.2	0.0	0.0%
2.5%	58.7	58.6	-0.1	-0.2%
3.7%	58.6	58.6	0.0	0.0%
4.9%	58.4	58.4	0.0	0.0%
6.2%	58.4	58.2	-0.2	-0.3%
7.4%	58.0	58.1	0.1	0.2%
8.6%	57.5	57.9	0.4	0.7%
9.9%	57.1	57.2	0.1	0.2%
11.1%	56.9	56.9	0.0	0.0%
12.3%	56.4	56.4	0.0	0.0%
13.6%	56.1	56.1	0.0	0.0%
14.8%	56.0	56.1	0.1	0.2%
16.0%	55.9	55.9	0.0	0.0%
17.3%	55.8	55.8	0.0	0.0%
18.5%	55.7	55.7	0.0	0.0%
19.8%	55.4	55.5	0.1	0.2%
21.0%	55.4	55.5	0.1	0.2%
22.2%	55.4	55.5	0.1	0.2%
23.5%	55.4	55.4	0.0	0.0%
24.7%	55.2	55.4	0.2	0.4%
25.9%	55.1	55.3	0.2	0.4%
27.2%	55.1	55.1	0.0	0.0%
28.4%	55.0	55.1	0.1	0.2%
29.6%	55.0	55.0	0.0	0.0%
30.9%	54.7	54.9	0.2	0.4%
32.1%	54.7	54.8	0.1	0.2%
33.3%	54.7	54.7	0.0	0.0%
34.6%	54.7	54.7	0.0	0.0%
35.8%	54.7	54.7	0.0	0.0%
37.0%	54.6	54.7	0.1	0.2%
38.3%	54.6	54.6	0.0	0.0%
39.5%	54.6	54.6	0.0	0.0%
40.7%	54.5	54.5	0.0	0.0%
42.0%	54.4	54.5	0.1	0.2%
43.2%	54.3	54.4	0.1	0.2%
44.4%	54.0	54.0	0.0	0.0%
45.7%	54.0	53.9	-0.1	-0.2%
46.9%	53.9	53.9	0.0	0.0%
48.1%	53.9	53.9	0.0	0.0%
49.4%	53.7	53.9	0.2	0.4%
50.6%	53.7	53.7	0.0	0.0%
51.9%	53.7	53.7	0.0	0.0%
53.1%	53.5	53.6	0.1	0.2%
54.3%	53.3	53.4	0.1	0.2%
55.6%	53.3	53.4	0.1	0.2%
56.8%	53.2	53.3	0.1	0.2%
58.0%	53.2	53.2	0.0	0.0%
59.3%	53.0	53.0	0.0	0.0%
60.5%	52.7	52.8	0.1	0.2%
61.7%	52.6	52.7	0.1	0.2%
63.0%	52.6	52.6	0.0	0.0%
64.2%	52.6	52.6	0.0	0.0%
65.4%	52.5	52.6	0.1	0.2%
66.7%	52.5	52.5	0.0	0.0%
67.9%	52.5	52.5	0.0	0.0%
69.1%	52.4	52.4	0.0	0.0%
70.4%	52.4	52.4	0.0	0.0%
71.6%	52.4	52.3	-0.1	-0.2%
72.8%	52.3	52.3	0.0	0.0%
74.1%	52.1	52.1	0.0	0.0%
75.3%	51.9	51.9	0.0	0.0%
76.5%	51.8	51.9	0.1	0.2%
77.8%	51.8	51.8	0.0	0.0%
79.0%	51.7	51.7	0.0	0.0%
80.2%	51.7	51.7	0.0	0.0%
81.5%	51.7	51.7	0.0	0.0%
82.7%	51.7	51.7	0.0	0.0%
84.0%	51.7	51.7	0.0	0.0%
85.2%	51.6	51.6	0.0	0.0%
86.4%	51.6	51.6	0.0	0.0%
87.7%	51.6	51.6	0.0	0.0%
88.9%	51.5	51.5	0.0	0.0%
90.1%	51.5	51.5	0.0	0.0%
91.4%	51.4	51.4	0.0	0.0%
92.6%	51.3	51.3	0.0	0.0%
93.8%	51.1	51.2	0.1	0.2%
95.1%	51.0	51.0	0.0	0.0%
96.3%	50.9	50.9	0.0	0.0%
97.5%	50.5	50.5	0.0	0.0%
98.8%	50.5	50.5	0.0	0.0%
100.0%	50.5	50.5	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.1	65.3	0.2	0.3%
1.2%	64.7	64.9	0.2	0.3%
2.5%	64.7	64.6	-0.1	-0.2%
3.7%	64.6	64.5	-0.1	-0.2%
4.9%	64.6	64.1	-0.5	-0.8%
6.2%	63.7	64.0	0.3	0.5%
7.4%	63.4	63.1	-0.3	-0.5%
8.6%	63.3	63.0	-0.3	-0.5%
9.9%	62.7	62.9	0.2	0.3%
11.1%	62.5	62.5	0.0	0.0%
12.3%	62.4	62.4	0.0	0.0%
13.6%	62.3	62.4	0.1	0.2%
14.8%	62.2	62.3	0.1	0.2%
16.0%	62.0	62.2	0.2	0.3%
17.3%	61.7	61.6	-0.1	-0.2%
18.5%	61.6	61.5	-0.1	-0.2%
19.8%	61.4	61.5	0.1	0.2%
21.0%	61.2	61.2	0.0	0.0%
22.2%	61.2	61.2	0.0	0.0%
23.5%	61.1	61.2	0.1	0.2%
24.7%	61.1	61.1	0.0	0.0%
25.9%	61.1	60.9	-0.2	-0.3%
27.2%	60.9	60.8	-0.1	-0.2%
28.4%	60.7	60.8	0.1	0.2%
29.6%	60.3	60.8	0.5	0.8%
30.9%	60.2	60.3	0.1	0.2%
32.1%	60.2	60.3	0.1	0.2%
33.3%	59.9	59.9	0.0	0.0%
34.6%	59.8	59.8	0.0	0.0%
35.8%	59.7	59.7	0.0	0.0%
37.0%	59.6	59.6	0.0	0.0%
38.3%	59.6	59.5	-0.1	-0.2%
39.5%	59.5	59.3	-0.2	-0.3%
40.7%	59.3	59.2	-0.1	-0.2%
42.0%	59.2	59.1	-0.1	-0.2%
43.2%	59.1	59.1	0.0	0.0%
44.4%	59.1	58.9	-0.2	-0.3%
45.7%	59.0	58.9	-0.1	-0.2%
46.9%	58.9	58.8	-0.1	-0.2%
48.1%	58.8	58.8	0.0	0.0%
49.4%	58.8	58.7	-0.1	-0.2%
50.6%	58.7	58.6	-0.1	-0.2%
51.9%	58.6	58.6	0.0	0.0%
53.1%	58.5	58.5	0.0	0.0%
54.3%	58.4	58.4	0.0	0.0%
55.6%	58.3	58.3	0.0	0.0%
56.8%	58.1	58.2	0.1	0.2%
58.0%	58.1	58.1	0.0	0.0%
59.3%	58.0	58.0	0.0	0.0%
60.5%	57.9	57.9	0.0	0.0%
61.7%	57.7	57.7	0.0	0.0%
63.0%	57.7	57.7	0.0	0.0%
64.2%	57.7	57.7	0.0	0.0%
65.4%	57.2	57.2	0.0	0.0%
66.7%	57.1	57.1	0.0	0.0%
67.9%	57.1	57.1	0.0	0.0%
69.1%	57.1	56.8	-0.3	-0.5%
70.4%	56.8	56.8	0.0	0.0%
71.6%	56.8	56.7	-0.1	-0.2%
72.8%	56.6	56.6	0.0	0.0%
74.1%	56.5	56.5	0.0	0.0%
75.3%	56.4	56.4	0.0	0.0%
76.5%	56.4	56.4	0.0	0.0%
77.8%	56.3	56.4	0.1	0.2%
79.0%	56.1	56.3	0.2	0.4%
80.2%	56.1	56.1	0.0	0.0%
81.5%	55.8	56.0	0.2	0.4%
82.7%	55.7	55.8	0.1	0.2%
84.0%	55.7	55.7	0.0	0.0%
85.2%	55.6	55.6	0.0	0.0%
86.4%	55.5	55.5	0.0	0.0%
87.7%	55.5	55.5	0.0	0.0%
88.9%	55.4	55.4	0.0	0.0%
90.1%	55.4	55.4	0.0	0.0%
91.4%	55.3	55.3	0.0	0.0%
92.6%	55.2	55.1	-0.1	-0.2%
93.8%	54.8	54.8	0.0	0.0%
95.1%	54.7	54.7	0.0	0.0%
96.3%	54.3	54.3	0.0	0.0%
97.5%	54.1	54.1	0.0	0.0%
98.8%	52.5	52.5	0.0	0.0%
100.0%	52.5	52.5	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	74.1	73.9	-0.2	-0.3%
1.2%	71.8	71.8	0.0	0.0%
2.5%	70.3	70.2	-0.1	-0.1%
3.7%	70.0	70.1	0.1	0.1%
4.9%	69.2	69.2	0.0	0.0%
6.2%	69.0	69.0	0.0	0.0%
7.4%	68.3	68.8	0.5	0.7%
8.6%	68.2	68.0	-0.2	-0.3%
9.9%	68.2	67.6	-0.6	-0.9%
11.1%	67.9	67.6	-0.3	-0.4%
12.3%	67.5	67.0	-0.5	-0.7%
13.6%	67.2	67.0	-0.2	-0.3%
14.8%	67.1	66.6	-0.5	-0.7%
16.0%	66.8	66.5	-0.3	-0.4%
17.3%	66.5	66.5	0.0	0.0%
18.5%	66.5	66.5	0.0	0.0%
19.8%	66.4	66.3	-0.1	-0.2%
21.0%	66.4	66.2	-0.2	-0.3%
22.2%	66.2	66.1	-0.1	-0.2%
23.5%	66.2	66.1	-0.1	-0.2%
24.7%	66.0	65.9	-0.1	-0.2%
25.9%	65.9	65.9	0.0	0.0%
27.2%	65.9	65.9	0.0	0.0%
28.4%	65.8	65.8	0.0	0.0%
29.6%	65.8	65.6	-0.2	-0.3%
30.9%	65.7	65.5	-0.2	-0.3%
32.1%	65.6	65.3	-0.3	-0.5%
33.3%	65.4	65.3	-0.1	-0.2%
34.6%	65.3	65.2	-0.1	-0.2%
35.8%	64.9	64.9	0.0	0.0%
37.0%	64.7	64.8	0.1	0.2%
38.3%	64.6	64.4	-0.2	-0.3%
39.5%	64.4	64.4	0.0	0.0%
40.7%	64.1	64.3	0.2	0.3%
42.0%	64.0	64.0	0.0	0.0%
43.2%	63.8	63.8	0.0	0.0%
44.4%	63.8	63.8	0.0	0.0%
45.7%	63.7	63.7	0.0	0.0%
46.9%	63.6	63.6	0.0	0.0%
48.1%	63.4	63.3	-0.1	-0.2%
49.4%	63.3	63.1	-0.2	-0.3%
50.6%	62.6	62.7	0.1	0.2%
51.9%	62.6	62.6	0.0	0.0%
53.1%	62.6	62.6	0.0	0.0%
54.3%	62.6	62.6	0.0	0.0%
55.6%	62.6	62.6	0.0	0.0%
56.8%	62.5	62.5	0.0	0.0%
58.0%	62.1	62.1	0.0	0.0%
59.3%	62.1	62.0	-0.1	-0.2%
60.5%	62.0	62.0	0.0	0.0%
61.7%	62.0	61.9	-0.1	-0.2%
63.0%	61.9	61.8	-0.1	-0.2%
64.2%	61.8	61.8	0.0	0.0%
65.4%	61.8	61.8	0.0	0.0%
66.7%	61.8	61.8	0.0	0.0%
67.9%	61.5	61.5	0.0	0.0%
69.1%	61.5	61.5	0.0	0.0%
70.4%	61.2	61.2	0.0	0.0%
71.6%	61.1	61.1	0.0	0.0%
72.8%	61.1	61.1	0.0	0.0%
74.1%	61.0	61.0	0.0	0.0%
75.3%	61.0	61.0	0.0	0.0%
76.5%	60.9	60.9	0.0	0.0%
77.8%	60.8	60.8	0.0	0.0%
79.0%	60.7	60.8	0.1	0.2%
80.2%	60.5	60.5	0.0	0.0%
81.5%	60.2	60.2	0.0	0.0%
82.7%	60.2	60.2	0.0	0.0%
84.0%	60.1	60.1	0.0	0.0%
85.2%	60.1	60.1	0.0	0.0%
86.4%	59.9	59.9	0.0	0.0%
87.7%	59.7	59.7	0.0	0.0%
88.9%	59.6	59.6	0.0	0.0%
90.1%	59.6	59.6	0.0	0.0%
91.4%	59.6	59.6	0.0	0.0%
92.6%	59.5	59.5	0.0	0.0%
93.8%	59.2	59.2	0.0	0.0%
95.1%	59.1	59.1	0.0	0.0%
96.3%	58.9	58.9	0.0	0.0%
97.5%	58.7	58.7	0.0	0.0%
98.8%	58.6	58.6	0.0	0.0%
100.0%	58.6	58.6	0.0	0.0%

Table SQ-20-3b

American River at the Mouth, Monthly Temperature

Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	74.3	74.2	-0.1	-0.1%
1.2%	74.3	73.6	-0.7	-0.9%
2.5%	73.6	72.8	-0.8	-1.1%
3.7%	73.1	72.5	-0.6	-0.8%
4.9%	72.8	72.2	-0.6	-0.8%
6.2%	72.7	72.2	-0.5	-0.7%
7.4%	72.7	72.2	-0.5	-0.7%
8.6%	72.6	72.1	-0.5	-0.7%
9.9%	72.2	72.1	-0.1	-0.1%
11.1%	72.2	72.1	-0.1	-0.1%
12.3%	72.1	72.0	-0.1	-0.1%
13.6%	72.0	71.8	-0.2	-0.3%
14.8%	71.9	71.7	-0.2	-0.3%
16.0%	71.9	71.7	-0.2	-0.3%
17.3%	71.9	71.5	-0.4	-0.6%
18.5%	71.5	71.1	-0.4	-0.6%
19.8%	71.3	71.0	-0.3	-0.4%
21.0%	70.9	70.7	-0.2	-0.3%
22.2%	70.5	70.6	0.1	0.1%
23.5%	70.2	70.6	0.4	0.6%
24.7%	70.1	70.3	0.2	0.3%
25.9%	70.0	70.1	0.1	0.1%
27.2%	69.9	70.0	0.1	0.1%
28.4%	69.7	69.9	0.2	0.3%
29.6%	69.5	69.7	0.2	0.3%
30.9%	69.3	69.7	0.4	0.6%
32.1%	69.3	69.4	0.1	0.1%
33.3%	69.3	69.4	0.1	0.1%
34.6%	69.1	69.4	0.3	0.4%
35.8%	69.0	69.3	0.3	0.4%
37.0%	69.0	69.0	0.0	0.0%
38.3%	68.9	69.0	0.1	0.1%
39.5%	68.7	69.0	0.3	0.4%
40.7%	68.6	68.9	0.3	0.4%
42.0%	68.6	68.9	0.3	0.4%
43.2%	68.6	68.7	0.1	0.1%
44.4%	68.3	68.7	0.4	0.6%
45.7%	68.1	68.6	0.5	0.7%
46.9%	68.1	68.2	0.1	0.1%
48.1%	68.0	68.1	0.1	0.1%
49.4%	67.9	68.1	0.2	0.3%
50.6%	67.8	68.0	0.2	0.3%
51.9%	67.8	67.9	0.1	0.1%
53.1%	67.7	67.9	0.2	0.3%
54.3%	67.4	67.8	0.4	0.6%
55.6%	67.3	67.6	0.3	0.4%
56.8%	67.3	67.5	0.2	0.3%
58.0%	67.2	67.4	0.2	0.3%
59.3%	67.2	67.3	0.1	0.1%
60.5%	66.7	67.3	0.6	0.9%
61.7%	66.6	67.2	0.6	0.9%
63.0%	66.4	66.4	0.0	0.0%
64.2%	66.4	66.4	0.0	0.0%
65.4%	66.3	66.3	0.0	0.0%
66.7%	66.2	66.1	-0.1	-0.2%
67.9%	66.0	65.9	-0.1	-0.2%
69.1%	65.9	65.9	0.0	0.0%
70.4%	65.9	65.9	0.0	0.0%
71.6%	65.9	65.8	-0.1	-0.2%
72.8%	65.7	65.7	0.0	0.0%
74.1%	65.6	65.6	0.0	0.0%
75.3%	65.6	65.6	0.0	0.0%
76.5%	65.6	65.6	0.0	0.0%
77.8%	65.4	65.4	0.0	0.0%
79.0%	65.1	65.1	0.0	0.0%
80.2%	64.7	64.7	0.0	0.0%
81.5%	64.6	64.6	0.0	0.0%
82.7%	64.6	64.6	0.0	0.0%
84.0%	64.6	64.6	0.0	0.0%
85.2%	64.4	64.4	0.0	0.0%
86.4%	64.3	64.3	0.0	0.0%
87.7%	64.3	64.2	-0.1	-0.2%
88.9%	64.2	64.2	0.0	0.0%
90.1%	64.1	64.0	-0.1	-0.2%
91.4%	64.0	64.0	0.0	0.0%
92.6%	63.9	63.9	0.0	0.0%
93.8%	63.9	63.9	0.0	0.0%
95.1%	63.7	63.7	0.0	0.0%
96.3%	63.5	63.5	0.0	0.0%
97.5%	63.3	63.3	0.0	0.0%
98.8%	62.9	62.9	0.0	0.0%
100.0%	62.9	62.9	0.0	0.0%

July				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	78.0	75.6	-2.4	-3.1%
1.2%	77.5	74.6	-2.9	-3.7%
2.5%	74.9	74.5	-0.4	-0.5%
3.7%	74.5	74.1	-0.4	-0.5%
4.9%	74.5	74.0	-0.5	-0.7%
6.2%	73.1	73.5	0.4	0.5%
7.4%	72.9	72.8	-0.1	-0.1%
8.6%	72.7	72.7	0.0	0.0%
9.9%	72.2	72.1	-0.1	-0.1%
11.1%	72.1	72.0	-0.1	-0.1%
12.3%	71.9	71.9	0.0	0.0%
13.6%	71.8	71.9	0.1	0.1%
14.8%	71.8	71.8	0.0	0.0%
16.0%	71.6	71.8	0.2	0.3%
17.3%	71.4	71.8	0.4	0.6%
18.5%	71.4	71.6	0.2	0.3%
19.8%	71.3	71.5	0.2	0.3%
21.0%	71.1	71.3	0.2	0.3%
22.2%	71.0	71.2	0.2	0.3%
23.5%	70.7	71.1	0.4	0.6%
24.7%	70.6	70.9	0.3	0.4%
25.9%	70.6	70.9	0.3	0.4%
27.2%	70.4	70.9	0.5	0.7%
28.4%	70.3	70.9	0.6	0.9%
29.6%	70.2	70.9	0.7	1.0%
30.9%	70.2	70.6	0.4	0.6%
32.1%	70.2	70.5	0.3	0.4%
33.3%	70.2	70.4	0.2	0.3%
34.6%	70.1	70.4	0.3	0.4%
35.8%	69.9	70.4	0.5	0.7%
37.0%	69.8	70.2	0.4	0.6%
38.3%	69.7	70.2	0.5	0.7%
39.5%	69.7	70.2	0.5	0.7%
40.7%	69.5	70.2	0.7	1.0%
42.0%	69.4	70.1	0.7	1.0%
43.2%	69.4	70.1	0.7	1.0%
44.4%	69.3	70.1	0.8	1.2%
45.7%	69.3	70.1	0.8	1.2%
46.9%	69.3	70.1	0.8	1.2%
48.1%	69.1	70.1	1.0	1.4%
49.4%	69.0	70.0	1.0	1.4%
50.6%	68.9	70.0	1.1	1.6%
51.9%	68.9	69.9	1.0	1.5%
53.1%	68.9	69.8	0.9	1.3%
54.3%	68.8	69.8	1.0	1.5%
55.6%	68.8	69.8	1.0	1.5%
56.8%	68.7	69.8	1.1	1.6%
58.0%	68.7	69.7	1.0	1.5%
59.3%	68.7	69.6	0.9	1.3%
60.5%	68.7	69.6	0.9	1.3%
61.7%	68.6	69.6	1.0	1.5%
63.0%	68.6	69.5	0.9	1.3%
64.2%	68.6	69.4	0.8	1.2%
65.4%	68.6	69.1	0.5	0.7%
66.7%	68.6	69.0	0.4	0.6%
67.9%	68.4	68.9	0.5	0.7%
69.1%	68.4	68.9	0.5	0.7%
70.4%	68.3	68.7	0.4	0.6%
71.6%	68.3	68.7	0.4	0.6%
72.8%	68.2	68.7	0.5	0.7%
74.1%	68.2	68.7	0.5	0.7%
75.3%	68.1	68.7	0.6	0.9%
76.5%	68.1	68.6	0.5	0.7%
77.8%	68.1	68.6	0.5	0.7%
79.0%	68.0	68.5	0.5	0.7%
80.2%	68.0	68.4	0.4	0.6%
81.5%	68.0	68.4	0.4	0.6%
82.7%	68.0	68.3	0.3	0.4%
84.0%	68.0	68.2	0.2	0.3%
85.2%	67.9	68.2	0.3	0.4%
86.4%	67.9	68.0	0.1	0.1%
87.7%	67.9	67.9	0.0	0.0%
88.9%	67.9	67.9	0.0	0.0%
90.1%	67.8	67.8	0.0	0.0%
91.4%	67.8	67.7	-0.1	-0.1%
92.6%	67.8	67.7	-0.1	-0.1%
93.8%	67.6	67.4	-0.2	-0.3%
95.1%	67.5	67.3	-0.2	-0.3%
96.3%	67.5	67.3	-0.2	-0.3%
97.5%	67.5	67.2	-0.3	-0.4%
98.8%	66.9	66.7	-0.2	-0.3%
100.0%	66.9	66.7	-0.2	-0.3%

August				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	75.5	74.2	-1.3	-1.7%
1.2%	74.7	74.0	-0.7	-0.9%
2.5%	74.4	73.7	-0.7	-0.9%
3.7%	74.1	73.6	-0.5	-0.7%
4.9%	73.9	73.6	-0.3	-0.4%
6.2%	73.8	73.3	-0.5	-0.7%
7.4%	73.6	73.1	-0.5	-0.7%
8.6%	73.5	73.0	-0.5	-0.7%
9.9%	73.0	72.6	-0.4	-0.5%
11.1%	73.0	72.5	-0.5	-0.7%
12.3%	72.9	72.4	-0.5	-0.7%
13.6%	72.5	72.3	-0.2	-0.3%
14.8%	72.4	71.9	-0.5	-0.7%
16.0%	72.2	71.8	-0.4	-0.6%
17.3%	72.2	71.6	-0.6	-0.8%
18.5%	72.2	71.6	-0.6	-0.8%
19.8%	72.0	71.5	-0.5	-0.7%
21.0%	72.0	71.4	-0.6	-0.8%
22.2%	71.9	71.3	-0.6	-0.8%
23.5%	71.9	71.2	-0.7	-1.0%
24.7%	71.9	71.2	-0.7	-1.0%
25.9%	71.8	71.0	-0.8	-1.1%
27.2%	71.7	70.9	-0.8	-1.1%
28.4%	71.6	70.7	-0.9	-1.3%
29.6%	71.6	70.7	-0.9	-1.3%
30.9%	71.4	70.7	-0.7	-1.0%
32.1%	71.4	70.7	-0.7	-1.0%
33.3%	71.3	70.6	-0.7	-1.0%
34.6%	71.3	70.4	-0.9	-1.3%
35.8%	71.1	70.4	-0.7	-1.0%
37.0%	71.0	70.4	-0.6	-0.8%
38.3%	70.9	70.3	-0.6	-0.8%
39.5%	70.7	70.3	-0.4	-0.6%
40.7%	70.5	70.3	-0.2	-0.3%
42.0%	70.1	70.2	0.1	0.1%
43.2%	70.1	70.2	0.1	0.1%
44.4%	70.1	70.1	0.0	0.0%
45.7%	70.0	70.1	0.1	0.1%
46.9%	70.0	70.1	0.1	0.1%
48.1%	69.9	70.0	0.1	0.1%
49.4%	69.7	70.0	0.3	0.4%
50.6%	69.7	69.7	0.0	0.0%
51.9%	69.7	69.7	0.0	0.0%
53.1%	69.7	69.7	0.0	0.0%
54.3%	69.6	69.6	0.0	0.0%
55.6%	69.6	69.5	-0.1	-0.1%
56.8%	69.6	69.5	-0.1	-0.1%
58.0%	69.5	69.4	-0.1	-0.1%
59.3%	69.4	69.4	0.0	0.0%
60.5%	69.4	69.3	-0.1	-0.1%
61.7%	69.4	69.3	-0.1	-0.1%
63.0%	69.4	69.2	-0.2	-0.3%
64.2%	69.4	69.2	-0.2	-0.3%
65.4%	69.3	69.2	-0.1	-0.1%
66.7%	69.3	69.2	-0.1	-0.1%
67.9%	69.3	69.2	-0.1	-0.1%
69.1%	69.2	69.1	-0.1	-0.1%
70.4%	68.9	69.0	0.1	0.1%
71.6%	68.9	69.0	0.1	0.1%
72.8%	68.9	68.9	0.0	0.0%
74.1%	68.7	68.8	0.1	0.1%
75.3%	68.7	68.7	0.0	0.0%
76.5%	68.5	68.6	0.1	0.1%
77.8%	68.5	68.5	0.0	0.0%
79.0%	68.4	68.4	0.0	0.0%
80.2%	68.4	68.4	0.0	0.0%
81.5%	68.2	68.3	0.1	0.1%
82.7%	68.2	68.2	0.0	0.0%
84.0%	68.2	68.2	0.0	0.0%
85.2%	68.1	68.2	0.1	0.1%
86.4%	68.1	68.1	0.0	0.0%
87.7%	68.0	68.1	0.1	0.1%
88.9%	68.0	68.1	0.1	0.1%
90.1%	67.8	68.0	0.2	0.3%
91.4%	67.8	67.8	0.0	0.0%
92.6%	67.8	67.8	0.0	0.0%
93.8%	67.8	67.4	-0.4	-0.6%
95.1%	67.6	67.4	-0.2	-0.3%
96.3%	67.4	67.3	-0.1	-0.1%
97.5%	67.3	67.1	-0.2	-0.3%
98.8%	67.0	67.0	0.0	0.0%
100.0%	67.0	67.0	0.0	0.0%

September				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	71.2	71.2	0.0	0.0%
1.2%	71.1	70.4	-0.7	-1.0%
2.5%	70.9	70.1	-0.8	-1.1%
3.7%	70.6	70.1	-0.5	-0.7%
4.9%	70.3	70.0	-0.3	-0.4%
6.2%	70.2	70.0	-0.2	-0.3%
7.4%	70.1	70.0	-0.1	-0.1%
8.6%	70.0	69.8	-0.2	-0.3%
9.9%	69.8	69.8	0.0	0.0%
11.1%	69.7	69.8	0.1	0.1%
12.3%	69.6	69.7	0.1	0.1%
13.6%	69.6	69.6	0.0	0.0%
14.8%	69.5	69.5	0.0	0.0%
16.0%	69.1	69.4	0.3	0.4%
17.3%	69.1	69.1	0.0	0.0%
18.5%	69.0	69.0	0.0	0.0%
19.8%	69.0	68.9	-0.1	-0.1%
21.0%	69.0	68.9	-0.1	-0.1%
22.2%	68.9	68.8	-0.1	-0.1%
23.5%	68.7	68.8	0.1	0.1%
24.7%	68.7	68.7	0.0	0.0%
25.9%	68.7	68.4	-0.3	-0.4%
27.2%	68.7	68.4	-0.3	-0.4%
28.4%	68.6	68.4	-0.2	-0.3%
29.6%	68.5	68.3	-0.2	-0.3%
30.9%	68.5	68.3	-0.2	-0.3%
32.1%	68.4	68.2	-0.2	-0.3%
33.3%	68.4	68.2	-0.2	-0.3%
34.6%	68.3	68.1	-0.2	-0.3%
35.8%	68.1	67.9	-0.2	-0.3%
37.0%	68.0	67.7	-0.3	-0.4%
38.3%	68.0	67.5	-0.5	-0.7%
39.5%	67.9	67.5	-0.4	-0.6%
40.7%	67.8	67.5	-0.3	-0.4%
42.0%	67.7	67.4	-0.3	-0.4%
43.2%	67.6	67.4	-0.2	-0.3%
44.4%	67.5	67.4	-0.1	-0.1%
45.7%	67.4	67.3	-0.1	-0.1%
46.9%	67.3	67.3	0.0	0.0%
48.1%	67.2	67.2	0.0	0.0%
49.4%	67.1	67.2	0.1	0.1%
50.6%	67.1	67.0	-0.1	-0.1%
51.9%	67.0	66.9	-0.1	-0.1%
53.1%	67.0	66.9	-0.1	-0.1%
54.3%	67.0	66.9	-0.1	-0.1%
55.6%	66.9	66.9	0.0	0.0%
56.8%	66.9	66.8	-0.1	-0.1%
58.0%	66.9	66.8	-0.1	-0.1%
59.3%	66.8	66.7	-0.1	-0.1%
60.5%	66.8	66.7	-0.1	-0.1%
61.7%	66.8	66.6	-0.2	-0.3%
63.0%	66.7	66.6	-0.1	-0.1%
64.2%	66.7	66.6	-0.1	-0.1%
65.4%	66.7	66.6	-0.1	-0.1%
66.7%	66.7	66.6	-0.1	-0.1%
67.9%	66.6	66.5	-0.1	-0.2%
69.1%	66.6	66.5	-0.1	-0.2%
70.4%	66.6	66.4	-0.2	-0.3%
71.6%	66.6	66.4	-0.2	-0.3%
72.8%	66.5	66.4	-0.1	-0.2%
74.1%	66.5	66.4	-0.1	-0.2%
75.3%	66.5	66.3	-0.2	-0.3%
76.5%	66.5	66.3	-0.2	-0.3%
77.8%	66.4	66.2	-0.2	-0.3%
79.0%	66.4	66.2	-0.2	-0.3%
80.2%	66.4	66.1	-0.3	-0.5%
81.5%	66.2	66.1	-0.1	-0.2%
82.7%	66.2	66.0	-0.2	-0.3%
84.0%	66.1	66.0	-0.1	-0.2%
85.2%	66.0	65.9	-0.1	-0.2%
86.4%	65.9	65.9	0.0	0.0%
87.7%	65.8	65.8	0.0	0.0%
88.9%	65.8	65.8	0.0	0.0%
90.1%	65.6	65.8	0.2	0.3%
91.4%	65.4	65.7	0.3	0.5%
92.6%	65.4	65.6	0.2	0.3%
93.8%	65.3	65.5	0.2	0.3%
95.1%	65.3	65.4	0.1	0.2%
96.3%	65.2	65.2	0.0	0.0%
97.5%	64.9	65.0	0.1	0.2%
98.8%	64.4	65.0	0.6	0.9%
100.0%	64.4	65.0	0.6	0.9%

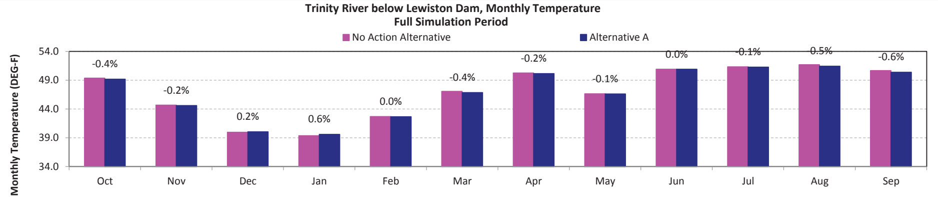
Table SQ-33-3a
Trinity River below Lewiston Dam, Monthly Temperature
Long-term Average and Average by Water Year Type

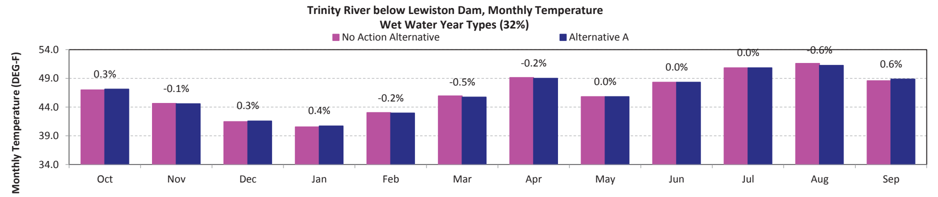
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	49.4	44.7	40.0	39.4	42.7	47.0	50.2	46.6	50.9	51.3	51.7	50.7
Alternative A	49.2	44.6	40.1	39.6	42.7	46.9	50.1	46.6	50.9	51.3	51.4	50.4
Difference	-0.2	-0.1	0.1	0.2	0.0	-0.2	-0.1	0.0	0.0	-0.1	-0.2	-0.3
Percent Difference[3]	-0.4%	-0.2%	0.2%	0.6%	0.0%	-0.4%	-0.2%	-0.1%	0.0%	-0.1%	-0.5%	-0.6%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	47.0	44.6	41.5	40.6	43.0	45.9	49.1	45.8	48.3	50.8	51.6	48.6
Alternative A	47.1	44.6	41.6	40.7	43.0	45.7	49.0	45.8	48.3	50.8	51.3	48.9
Difference	0.2	0.0	0.1	0.2	-0.1	-0.2	-0.1	0.0	0.0	0.0	-0.3	0.3
Percent Difference	0.3%	-0.1%	0.3%	0.4%	-0.2%	-0.5%	-0.2%	0.0%	0.0%	0.0%	-0.6%	0.6%
Above Normal (15%)												
No Action Alternative	48.2	43.3	40.2	38.6	42.6	47.3	49.9	45.9	50.6	51.6	50.9	48.8
Alternative A	48.2	42.9	39.7	38.7	42.7	47.3	49.9	45.9	50.5	50.8	50.6	48.8
Difference	-0.1	-0.4	-0.5	0.0	0.0	0.0	0.0	0.0	-0.1	-0.8	-0.3	0.0
Percent Difference	-0.1%	-0.9%	-1.3%	0.1%	0.1%	-0.1%	0.0%	-0.1%	-0.2%	-1.5%	-0.5%	0.0%
Below Normal (17%)												
No Action Alternative	50.2	44.7	39.0	38.7	41.9	46.8	51.1	46.4	51.3	52.0	52.0	51.3
Alternative A	49.7	44.7	39.3	38.8	42.0	46.7	51.1	46.4	51.3	52.1	52.1	51.1
Difference	-0.5	0.1	0.4	0.2	0.0	-0.2	0.0	0.0	0.0	0.1	0.1	-0.1
Percent Difference	-1.0%	0.1%	0.9%	0.4%	0.1%	-0.4%	0.0%	0.0%	0.0%	0.2%	0.1%	-0.3%
Dry (22%)												
No Action Alternative	49.5	45.0	39.6	38.4	42.4	47.9	51.4	46.7	51.9	50.7	50.1	50.3
Alternative A	49.1	44.7	39.5	38.9	42.3	47.7	50.9	46.8	52.0	50.6	50.8	50.1
Difference	-0.3	-0.3	0.0	0.5	0.0	-0.3	-0.4	0.0	0.1	-0.2	0.6	-0.2
Percent Difference	-0.7%	-0.6%	-0.1%	1.3%	0.0%	-0.5%	-0.8%	0.1%	0.1%	-0.3%	1.2%	-0.4%
Critical (15%)												
No Action Alternative	54.5	45.7	38.2	39.4	43.1	48.0	50.2	49.3	55.5	52.5	54.4	56.6
Alternative A	53.9	45.8	38.6	39.7	43.2	47.7	50.4	49.1	55.3	53.0	52.6	54.5
Difference	-0.6	0.1	0.4	0.3	0.0	-0.3	0.2	-0.2	-0.2	0.5	-1.8	-2.2
Percent Difference	-1.1%	0.2%	1.0%	0.7%	0.0%	-0.5%	0.4%	-0.5%	-0.3%	0.9%	-3.3%	-3.8%

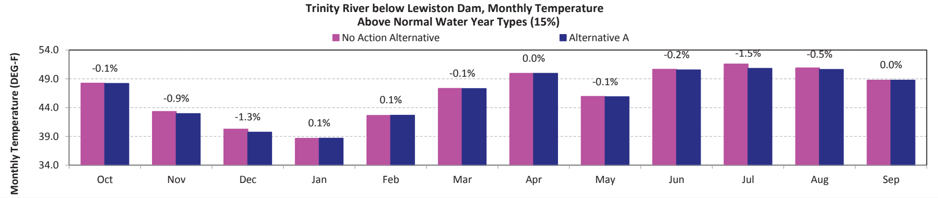
1 Based on the 82-year simulation period

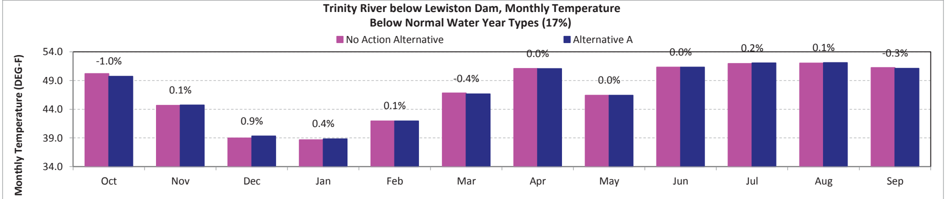
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

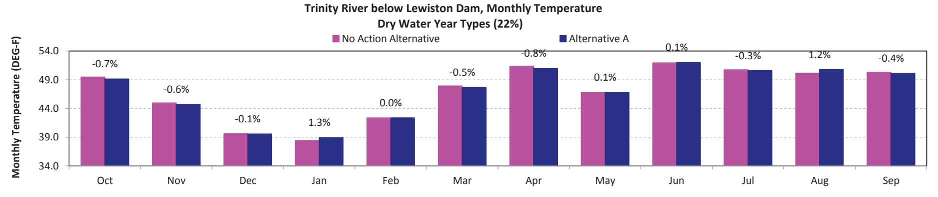
3 Relative difference of the monthly average











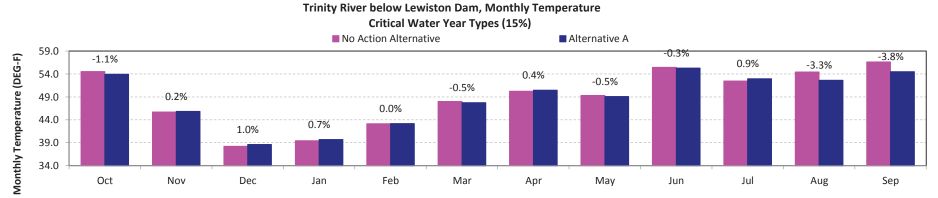


Figure SQ-33-3b
Trinity River below Lewiston Dam, Monthly Temperature
Probability of Exceedance

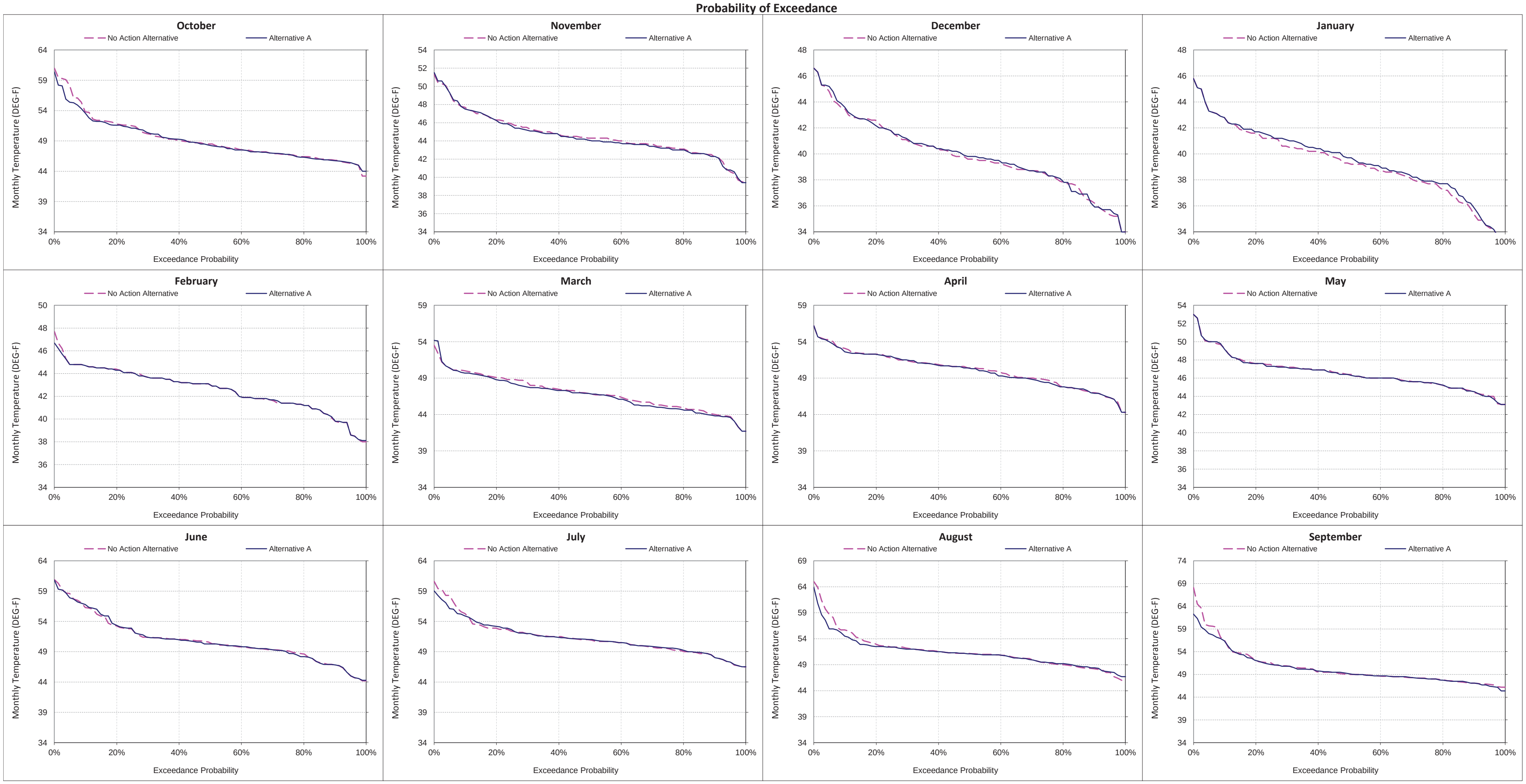


Table SQ-33-3b

Trinity River below Lewiston Dam, Monthly Temperature
Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	61.0	60.4	-0.6	-1.0%
1.2%	59.5	58.2	-1.3	-2.2%
2.5%	59.3	58.1	-1.2	-2.0%
3.7%	59.1	55.9	-3.2	-5.4%
4.9%	58.1	55.4	-2.7	-4.6%
6.2%	56.1	55.3	-0.8	-1.4%
7.4%	56.1	54.9	-1.2	-2.1%
8.6%	55.4	54.3	-1.1	-2.0%
9.9%	53.8	53.6	-0.2	-0.4%
11.1%	53.7	52.8	-0.9	-1.7%
12.3%	52.6	52.3	-0.3	-0.6%
13.6%	52.4	52.2	-0.2	-0.4%
14.8%	52.4	52.2	-0.2	-0.4%
16.0%	52.3	52.1	-0.2	-0.4%
17.3%	52.2	51.8	-0.4	-0.8%
18.5%	52.1	51.6	-0.5	-1.0%
19.8%	51.8	51.6	-0.2	-0.4%
21.0%	51.7	51.6	-0.1	-0.2%
22.2%	51.6	51.4	-0.2	-0.4%
23.5%	51.6	51.3	-0.3	-0.6%
24.7%	51.5	51.1	-0.4	-0.8%
25.9%	51.4	51.1	-0.3	-0.6%
27.2%	50.9	50.9	0.0	0.0%
28.4%	50.4	50.8	0.4	0.8%
29.6%	50.2	50.4	0.2	0.4%
30.9%	50.1	50.2	0.1	0.2%
32.1%	49.8	50.1	0.3	0.6%
33.3%	49.7	50.1	0.4	0.8%
34.6%	49.6	49.6	0.0	0.0%
35.8%	49.3	49.5	0.2	0.4%
37.0%	49.3	49.4	0.1	0.2%
38.3%	49.3	49.3	0.0	0.0%
39.5%	49.1	49.3	0.2	0.4%
40.7%	49.0	49.2	0.2	0.4%
42.0%	48.9	49.1	0.2	0.4%
43.2%	48.9	48.8	-0.1	-0.2%
44.4%	48.7	48.8	0.1	0.2%
45.7%	48.7	48.7	0.0	0.0%
46.9%	48.7	48.5	-0.2	-0.4%
48.1%	48.5	48.5	0.0	0.0%
49.4%	48.5	48.3	-0.2	-0.4%
50.6%	48.5	48.2	-0.3	-0.6%
51.9%	48.2	48.1	-0.1	-0.2%
53.1%	48.2	48.0	-0.2	-0.4%
54.3%	48.0	48.0	0.0	0.0%
55.6%	47.9	47.7	-0.2	-0.4%
56.8%	47.8	47.7	-0.1	-0.2%
58.0%	47.8	47.5	-0.3	-0.6%
59.3%	47.6	47.5	-0.1	-0.2%
60.5%	47.5	47.5	0.0	0.0%
61.7%	47.5	47.4	-0.1	-0.2%
63.0%	47.4	47.2	-0.2	-0.4%
64.2%	47.2	47.2	0.0	0.0%
65.4%	47.2	47.2	0.0	0.0%
66.7%	47.2	47.1	-0.1	-0.2%
67.9%	47.2	47.1	-0.1	-0.2%
69.1%	47.0	47.0	0.0	0.0%
70.4%	46.9	47.0	0.1	0.2%
71.6%	46.9	46.9	0.0	0.0%
72.8%	46.8	46.9	0.1	0.2%
74.1%	46.8	46.8	0.0	0.0%
75.3%	46.7	46.8	0.1	0.2%
76.5%	46.7	46.6	-0.1	-0.2%
77.8%	46.5	46.4	-0.1	-0.2%
79.0%	46.4	46.3	-0.1	-0.2%
80.2%	46.4	46.3	-0.1	-0.2%
81.5%	46.4	46.2	-0.2	-0.4%
82.7%	46.3	46.1	-0.2	-0.4%
84.0%	46.2	46.0	-0.2	-0.4%
85.2%	46.0	46.0	0.0	0.0%
86.4%	46.0	45.9	-0.1	-0.2%
87.7%	45.9	45.9	0.0	0.0%
88.9%	45.9	45.8	-0.1	-0.2%
90.1%	45.8	45.7	-0.1	-0.2%
91.4%	45.8	45.7	-0.1	-0.2%
92.6%	45.5	45.6	0.1	0.2%
93.8%	45.4	45.5	0.1	0.2%
95.1%	45.3	45.4	0.1	0.2%
96.3%	45.2	45.2	0.0	0.0%
97.5%	45.0	45.0	0.0	0.0%
98.8%	43.2	44.0	0.8	1.9%
100.0%	43.2	44.0	0.8	1.9%

November

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	51.3	51.5	0.2	0.4%
1.2%	50.4	50.6	0.2	0.4%
2.5%	50.3	50.6	0.3	0.6%
3.7%	50.1	50.0	-0.1	-0.2%
4.9%	49.3	49.3	0.0	0.0%
6.2%	48.4	48.5	0.1	0.2%
7.4%	48.1	48.4	0.3	0.6%
8.6%	47.8	47.8	0.0	0.0%
9.9%	47.7	47.5	-0.2	-0.4%
11.1%	47.4	47.4	0.0	0.0%
12.3%	47.3	47.3	0.0	0.0%
13.6%	47.0	47.2	0.2	0.4%
14.8%	47.0	47.1	0.1	0.2%
16.0%	46.9	46.9	0.0	0.0%
17.3%	46.7	46.7	0.0	0.0%
18.5%	46.4	46.5	0.1	0.2%
19.8%	46.3	46.3	0.0	0.0%
21.0%	46.3	46.0	-0.3	-0.6%
22.2%	46.2	45.9	-0.3	-0.6%
23.5%	46.0	45.9	-0.1	-0.2%
24.7%	45.9	45.7	-0.2	-0.4%
25.9%	45.7	45.4	-0.3	-0.7%
27.2%	45.7	45.4	-0.3	-0.7%
28.4%	45.5	45.3	-0.2	-0.4%
29.6%	45.5	45.2	-0.3	-0.7%
30.9%	45.3	45.1	-0.2	-0.4%
32.1%	45.2	45.1	-0.1	-0.2%
33.3%	45.1	45.0	-0.1	-0.2%
34.6%	45.0	44.9	-0.1	-0.2%
35.8%	45.0	44.8	-0.2	-0.4%
37.0%	45.0	44.8	-0.2	-0.4%
38.3%	44.8	44.8	0.0	0.0%
39.5%	44.8	44.8	0.0	0.0%
40.7%	44.6	44.5	-0.1	-0.2%
42.0%	44.5	44.5	0.0	0.0%
43.2%	44.5	44.4	-0.1	-0.2%
44.4%	44.5	44.4	-0.1	-0.2%
45.7%	44.5	44.2	-0.3	-0.7%
46.9%	44.4	44.2	-0.2	-0.5%
48.1%	44.4	44.2	-0.2	-0.5%
49.4%	44.3	44.1	-0.2	-0.5%
50.6%	44.3	44.0	-0.3	-0.7%
51.9%	44.3	44.0	-0.3	-0.7%
53.1%	44.3	44.0	-0.3	-0.7%
54.3%	44.3	43.9	-0.4	-0.9%
55.6%	44.3	43.9	-0.4	-0.9%
56.8%	44.1	43.9	-0.2	-0.5%
58.0%	44.1	43.8	-0.3	-0.7%
59.3%	44.0	43.8	-0.2	-0.5%
60.5%	44.0	43.7	-0.3	-0.7%
61.7%	43.8	43.7	-0.1	-0.2%
63.0%	43.7	43.7	0.0	0.0%
64.2%	43.7	43.6	-0.1	-0.2%
65.4%	43.7	43.6	-0.1	-0.2%
66.7%	43.7	43.6	-0.1	-0.2%
67.9%	43.7	43.6	-0.1	-0.2%
69.1%	43.6	43.4	-0.2	-0.5%
70.4%	43.6	43.4	-0.2	-0.5%
71.6%	43.4	43.3	-0.1	-0.2%
72.8%	43.4	43.2	-0.2	-0.5%
74.1%	43.3	43.2	-0.1	-0.2%
75.3%	43.3	43.2	-0.1	-0.2%
76.5%	43.2	43.0	-0.2	-0.5%
77.8%	43.2	43.0	-0.2	-0.5%
79.0%	43.1	43.0	-0.1	-0.2%
80.2%	43.1	43.0	-0.1	-0.2%
81.5%	42.9	42.8	-0.1	-0.2%
82.7%	42.7	42.6	-0.1	-0.2%
84.0%	42.7	42.6	-0.1	-0.2%
85.2%	42.6	42.6	0.0	0.0%
86.4%	42.6	42.6	0.0	0.0%
87.7%	42.5	42.5	0.0	0.0%
88.9%	42.5	42.3	-0.2	-0.5%
90.1%	42.2	42.3	0.1	0.2%
91.4%	42.1	42.1	0.0	0.0%
92.6%	41.7	41.2	-0.5	-1.2%
93.8%	40.9	40.8	-0.1	-0.2%
95.1%	40.6	40.8	0.2	0.5%
96.3%	40.4	40.6	0.2	0.5%
97.5%	39.7	39.9	0.2	0.5%
98.8%	39.5	39.4	-0.1	-0.3%
100.0%	39.5	39.4	-0.1	-0.3%

December

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	46.6	46.6	0.0	0.0%
1.2%	46.3	46.3	0.0	0.0%
2.5%	45.3	45.3	0.0	0.0%
3.7%	45.2	45.3	0.1	0.2%
4.9%	44.8	45.2	0.4	0.9%
6.2%	44.1	44.8	0.7	1.6%
7.4%	43.9	44.1	0.2	0.5%
8.6%	43.6	43.9	0.3	0.7%
9.9%	43.5	43.6	0.1	0.2%
11.1%	43.0	43.2	0.2	0.5%
12.3%	42.8	43.0	0.2	0.5%
13.6%	42.8	42.8	0.0	0.0%
14.8%	42.7	42.7	0.0	0.0%
16.0%	42.7	42.7	0.0	0.0%
17.3%	42.7	42.6	-0.1	-0.2%
18.5%	42.6	42.4	-0.2	-0.5%
19.8%	42.6	42.2	-0.4	-0.9%
21.0%	42.3	42.0	-0.3	-0.7%
22.2%	42.0	42.0	0.0	0.0%
23.5%	41.9	41.9	0.0	0.0%
24.7%	41.8	41.8	0.0	0.0%
25.9%	41.5	41.5	0.0	0.0%
27.2%	41.3	41.5	0.2	0.5%
28.4%	41.1	41.3	0.2	0.5%
29.6%	41.1	41.2	0.1	0.2%
30.9%	40.9	41.0	0.1	0.2%
32.1%	40.8	40.8	0.0	0.0%
33.3%	40.7	40.8	0.1	0.2%
34.6%	40.6	40.8	0.2	0.5%
35.8%	40.6	40.7	0.1	0.2%
37.0%	40.6	40.6	0.0	0.0%
38.3%	40.6	40.6	0.0	0.0%
39.5%	40.4	40.4	0.0	0.0%
40.7%	40.3	40.4	0.1	0.2%
42.0%	40.3	40.3	0.0	0.0%
43.2%	40.2	40.3	0.1	0.2%
44.4%	39.9	40.2	0.3	0.8%
45.7%	39.8	40.2	0.4	1.0%
46.9%	39.8	40.1	0.3	0.8%
48.1%	39.8	39.9	0.1	0.3%
49.4%	39.6	39.8	0.2	0.5%
50.6%	39.6	39.8	0.2	0.5%
51.9%	39.6	39.8	0.2	0.5%
53.1%	39.5	39.7	0.2	0.5%
54.3%	39.5	39.7	0.2	0.5%
55.6%	39.5	39.6	0.1	0.3%
56.8%	39.4	39.6	0.2	0.5%
58.0%	39.3	39.5	0.2	0.5%
59.3%	39.3	39.5	0.2	0.5%
60.5%	39.2	39.3	0.1	0.3%
61.7%	39.1	39.3	0.2	0.5%
63.0%	39.0	39.2	0.2	0.5%
64.2%	38.9	39.2	0.3	0.8%
65.4%	38.8	39.0	0.2	0.5%
66.7%	38.8	38.9	0.1	0.3%
67.9%	38.8	38.8	0.0	0.0%
69.1%	38.7	38.7	0.0	0.0%
70.4%	38.7	38.7	0.0	0.0%
71.6%	38.7	38.6	-0.1	-0.3%
72.8%	38.6	38.6	0.0	0.0%
74.1%	38.5	38.6	0.1	0.3%
75.3%	38.3	38.3	0.0	0.0%
76.5%	38.3	38.3	0.0	0.0%
77.8%	38.1	38.2	0.1	0.3%
79.0%	37.9	38.1	0.2	0.5%
80.2%	37.8	37.8	0.0	0.0%
81.5%	37.7	37.8	0.1	0.3%
82.7%	37.7	37.1	-0.6	-1.6%
84.0%	37.6	37.1	-0.5	-1.3%
85.2%	37.3	36.9	-0.4	-1.1%
86.4%	36.8	36.9	0.1	0.3%
87.7%	36.5	36.9	0.4	1.1%
88.9%	36.4	36.2	-0.2	-0.5%
90.1%	36.2	35.9	-0.3	-0.8%
91.4%	35.9	35.9	0.0	0.0%
92.6%	35.7	35.7	0.0	0.0%
93.8%	35.5	35.7	0.2	0.6%
95.1%	35.3	35.7	0.4	1.1%
96.3%	35.2	35.4	0.2	0.6%
97.5%	35.2	35.3	0.1	0.3%
98.8%	34.0	34.0	0.0	0.0%
100.0%	34.0	34.0	0.0	0.0%

January

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	45.8	45.8	0.0	0.0%
1.2%	45.1	45.1	0.0	0.0%
2.5%	45.0	45.0	0.0	0.0%
3.7%	44.0	44.0	0.0	0.0%
4.9%	43.3	43.3	0.0	0.0%
6.2%	43.2	43.2	0.0	0.0%
7.4%	43.1	43.1	0.0	0.0%
8.6%	42.9	42.9	0.0	0.0%
9.9%	42.8	42.8	0.0	0.0%
11.1%	42.4	42.4	0.0	0.0%
12.3%	42.3	42.3	0.0	0.0%
13.6%	42.2	42.3	0.1	0.2%
14.8%	41.9	42.2	0.3	0.7%
16.0%	41.8	41.9	0.1	0.2%
17.3%	41.7	41.9	0.2	0.5%
18.5%	41.6	41.9	0.3	0.7%
19.8%	41.6	41.7	0.1	0.2%
21.0%	41.5	41.7	0.2	0.5%
22.2%	41.2	41.6	0.4	1.0%
23.5%	41.2	41.5	0.3	0.7%
24.7%	41.2	41.4	0.2	0.5%
25.9%	41.2	41.2	0.0	0.0%
27.2%	41.1	41.2	0.1	0.2%
28.4%	40.6	41.2	0.6	1.5%
29.6%	40.6	41.1	0.5	1.2%
30.9%	40.5	41.0	0.5	1.2%
32.1%	40.5	41.0	0.5	1.2%
33.3%	40.4	40.9	0.5	1.2%
34.6%	40.4	40.8	0.4	1.0%
35.8%	40.3	40.6	0.3	0.7%
37.0%	40.2	40.5	0.3	0.7%
38.3%	40.2	40.5	0.3	0.7%
39.5%	40.2	40.4	0.2	0.5%
40.7%	40.1	40.4	0.3	0.7%
42.0%	40.1	40.2	0.1	0.2%
43.2%	39.9	40.2	0.3	0.8%
44.4%	39.8	40.1	0.3	0.8%
45.7%	39.7	40.1	0.4	1.0%
46.9%	39.6	40.1	0.5	1.3%
48.1%	39.3	39.8	0.5	1.3%
49.4%	39.3	39.7	0.4	1.0%
50.6%	39.2	39.7	0.5	1.3%
51.9%	39.2	39.5	0.3	0.8%
53.1%	39.2	39.3	0.1	0.3%
54.3%	39.2	39.3	0.1	0.3%
55.6%	39.0	39.2	0.2	0.5%
56.8%	38.9	39.2	0.3	0.8%
58.0%	38.9	39.1	0.2	0.5%
59.3%	38.7	39.1	0.4	1.0%
60.5%	38.7	38.9	0.2	0.5%
61.7%	38.6	38.9	0.3	0.8%
63.0%	38.6	38.7	0.1	0.3%
64.2%	38.6	38.7	0.1	0.3%
65.4%	38.5	38.6	0.1	0.3%
66.7%	38.4	38.6	0.2	0.5%
67.9%	38.3	38.5	0.2	0.5%
69.1%	38.2	38.4	0.2	0.5%
70.4%	38.0	38.2	0.2	0.5%
71.6%	37.9	38.2	0.3	0.8%
72.8%	37.9	38.0	0.1	0.3%
74.1%	37.8	37.9	0.1	0.3%
75.3%	37.7	37.9	0.2	0.5%
76.5%	37.7	37.9	0.2	0.5%
77.8%	37.7	37.8	0.1	0.3%
79.0%	37.4	37.7	0.3	0.8%
80.2%	37.2	37.7	0.5	1.3%
81.5%	37.2	37.7	0.5	1.3%
82.7%	36.8	37.4	0.6	1.6%
84.0%	36.7	37.3	0.6	1.6%
85.2%	36.3	36.8	0.5	1.4%
86.4%	36.2	36.7	0.5	1.4%
87.7%	36.2	36.3	0.1	0.3%
88.9%	35.8	36.2	0.4	1.1%
90.1%	35.3	35.8	0.5	1.4%
91.4%	34.9	35.4	0.5	1.4%
92.6%	34.9	34.9	0.0	0.0%
93.8%	34.5	34.5	0.0	0.0%
95.1%	34.3	34.4	0.1	0.3%
96.3%	34.2	34.2	0.0	0.0%
97.5%	33.7	33.7	0.0	0.0%
98.8%	29.5	29.5	0.0	0.0%
100.0%	29.5	29.5	0.0	0.0%

Table SQ-33-3b

Trinity River below Lewiston Dam, Monthly Temperature
Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.7	46.7	-1.0	-2.1%
1.2%	46.7	46.2	-0.5	-1.1%
2.5%	46.2	45.7	-0.5	-1.1%
3.7%	45.3	45.3	0.0	0.0%
4.9%	44.8	44.8	0.0	0.0%
6.2%	44.8	44.8	0.0	0.0%
7.4%	44.8	44.8	0.0	0.0%
8.6%	44.8	44.8	0.0	0.0%
9.9%	44.7	44.7	0.0	0.0%
11.1%	44.6	44.6	0.0	0.0%
12.3%	44.6	44.6	0.0	0.0%
13.6%	44.5	44.5	0.0	0.0%
14.8%	44.5	44.5	0.0	0.0%
16.0%	44.5	44.5	0.0	0.0%
17.3%	44.4	44.4	0.0	0.0%
18.5%	44.4	44.4	0.0	0.0%
19.8%	44.4	44.3	-0.1	-0.2%
21.0%	44.3	44.3	0.0	0.0%
22.2%	44.1	44.1	0.0	0.0%
23.5%	44.1	44.1	0.0	0.0%
24.7%	44.1	44.1	0.0	0.0%
25.9%	44.0	44.0	0.0	0.0%
27.2%	44.0	43.8	-0.2	-0.5%
28.4%	43.8	43.8	0.0	0.0%
29.6%	43.7	43.7	0.0	0.0%
30.9%	43.6	43.6	0.0	0.0%
32.1%	43.6	43.6	0.0	0.0%
33.3%	43.6	43.6	0.0	0.0%
34.6%	43.6	43.6	0.0	0.0%
35.8%	43.5	43.5	0.0	0.0%
37.0%	43.5	43.5	0.0	0.0%
38.3%	43.3	43.3	0.0	0.0%
39.5%	43.3	43.3	0.0	0.0%
40.7%	43.2	43.2	0.0	0.0%
42.0%	43.2	43.2	0.0	0.0%
43.2%	43.2	43.2	0.0	0.0%
44.4%	43.1	43.1	0.0	0.0%
45.7%	43.1	43.1	0.0	0.0%
46.9%	43.1	43.1	0.0	0.0%
48.1%	43.1	43.1	0.0	0.0%
49.4%	43.1	43.1	0.0	0.0%
50.6%	42.9	42.9	0.0	0.0%
51.9%	42.9	42.9	0.0	0.0%
53.1%	42.7	42.7	0.0	0.0%
54.3%	42.7	42.7	0.0	0.0%
55.6%	42.7	42.7	0.0	0.0%
56.8%	42.6	42.6	0.0	0.0%
58.0%	42.4	42.4	0.0	0.0%
59.3%	42.0	42.0	0.0	0.0%
60.5%	41.9	41.9	0.0	0.0%
61.7%	41.9	41.9	0.0	0.0%
63.0%	41.9	41.9	0.0	0.0%
64.2%	41.8	41.8	0.0	0.0%
65.4%	41.8	41.8	0.0	0.0%
66.7%	41.8	41.8	0.0	0.0%
67.9%	41.7	41.8	0.1	0.2%
69.1%	41.7	41.7	0.0	0.0%
70.4%	41.6	41.7	0.1	0.2%
71.6%	41.4	41.6	0.2	0.5%
72.8%	41.4	41.4	0.0	0.0%
74.1%	41.4	41.4	0.0	0.0%
75.3%	41.4	41.4	0.0	0.0%
76.5%	41.4	41.4	0.0	0.0%
77.8%	41.3	41.3	0.0	0.0%
79.0%	41.3	41.3	0.0	0.0%
80.2%	41.2	41.2	0.0	0.0%
81.5%	41.2	41.2	0.0	0.0%
82.7%	40.9	40.9	0.0	0.0%
84.0%	40.9	40.9	0.0	0.0%
85.2%	40.8	40.8	0.0	0.0%
86.4%	40.5	40.5	0.0	0.0%
87.7%	40.4	40.4	0.0	0.0%
88.9%	40.1	40.2	0.1	0.2%
90.1%	39.8	39.8	0.0	0.0%
91.4%	39.7	39.8	0.1	0.3%
92.6%	39.7	39.7	0.0	0.0%
93.8%	39.7	39.7	0.0	0.0%
95.1%	38.6	38.6	0.0	0.0%
96.3%	38.5	38.5	0.0	0.0%
97.5%	38.2	38.2	0.0	0.0%
98.8%	38.0	38.1	0.1	0.3%
100.0%	38.0	38.1	0.1	0.3%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.5	54.2	0.7	1.3%
1.2%	52.4	54.1	1.7	3.2%
2.5%	51.2	51.3	0.1	0.2%
3.7%	50.7	50.7	0.0	0.0%
4.9%	50.4	50.4	0.0	0.0%
6.2%	50.1	50.1	0.0	0.0%
7.4%	50.1	50.0	-0.1	-0.2%
8.6%	50.1	49.8	-0.3	-0.6%
9.9%	50.0	49.7	-0.3	-0.6%
11.1%	49.9	49.7	-0.2	-0.4%
12.3%	49.8	49.6	-0.2	-0.4%
13.6%	49.7	49.5	-0.2	-0.4%
14.8%	49.6	49.4	-0.2	-0.4%
16.0%	49.4	49.3	-0.1	-0.2%
17.3%	49.3	49.2	-0.1	-0.2%
18.5%	49.2	49.0	-0.2	-0.4%
19.8%	49.1	48.8	-0.3	-0.6%
21.0%	49.1	48.7	-0.4	-0.8%
22.2%	49.0	48.7	-0.3	-0.6%
23.5%	48.8	48.6	-0.2	-0.4%
24.7%	48.8	48.3	-0.5	-1.0%
25.9%	48.8	48.2	-0.6	-1.2%
27.2%	48.7	48.0	-0.7	-1.4%
28.4%	48.7	47.9	-0.8	-1.6%
29.6%	48.5	47.8	-0.7	-1.4%
30.9%	48.0	47.7	-0.3	-0.6%
32.1%	48.0	47.7	-0.3	-0.6%
33.3%	47.9	47.7	-0.2	-0.4%
34.6%	47.9	47.6	-0.3	-0.6%
35.8%	47.6	47.6	0.0	0.0%
37.0%	47.6	47.5	-0.1	-0.2%
38.3%	47.6	47.4	-0.2	-0.4%
39.5%	47.5	47.3	-0.2	-0.4%
40.7%	47.4	47.3	-0.1	-0.2%
42.0%	47.4	47.3	-0.1	-0.2%
43.2%	47.3	47.2	-0.1	-0.2%
44.4%	47.3	47.0	-0.3	-0.6%
45.7%	47.2	47.0	-0.2	-0.4%
46.9%	47.0	47.0	0.0	0.0%
48.1%	47.0	46.9	-0.1	-0.2%
49.4%	46.9	46.9	0.0	0.0%
50.6%	46.8	46.8	0.0	0.0%
51.9%	46.7	46.8	0.1	0.2%
53.1%	46.7	46.7	0.0	0.0%
54.3%	46.7	46.7	0.0	0.0%
55.6%	46.7	46.6	-0.1	-0.2%
56.8%	46.6	46.5	-0.1	-0.2%
58.0%	46.6	46.3	-0.3	-0.6%
59.3%	46.5	46.1	-0.4	-0.9%
60.5%	46.3	46.1	-0.2	-0.4%
61.7%	46.1	45.9	-0.2	-0.4%
63.0%	46.0	45.7	-0.3	-0.7%
64.2%	45.9	45.3	-0.6	-1.3%
65.4%	45.8	45.3	-0.5	-1.1%
66.7%	45.7	45.2	-0.5	-1.1%
67.9%	45.7	45.2	-0.5	-1.1%
69.1%	45.7	45.2	-0.5	-1.1%
70.4%	45.4	45.1	-0.3	-0.7%
71.6%	45.3	45.0	-0.3	-0.7%
72.8%	45.3	45.0	-0.3	-0.7%
74.1%	45.2	44.9	-0.3	-0.7%
75.3%	45.1	44.8	-0.3	-0.7%
76.5%	45.1	44.8	-0.3	-0.7%
77.8%	45.1	44.8	-0.3	-0.7%
79.0%	45.0	44.7	-0.3	-0.7%
80.2%	44.9	44.6	-0.3	-0.7%
81.5%	44.7	44.6	-0.1	-0.2%
82.7%	44.7	44.6	-0.1	-0.2%
84.0%	44.7	44.2	-0.5	-1.1%
85.2%	44.6	44.2	-0.4	-0.9%
86.4%	44.5	44.1	-0.4	-0.9%
87.7%	44.2	44.0	-0.2	-0.5%
88.9%	44.1	43.9	-0.2	-0.5%
90.1%	44.0	43.8	-0.2	-0.5%
91.4%	43.9	43.8	-0.1	-0.2%
92.6%	43.8	43.7	-0.1	-0.2%
93.8%	43.8	43.7	-0.1	-0.2%
95.1%	43.7	43.6	-0.1	-0.2%
96.3%	43.1	43.1	0.0	0.0%
97.5%	42.3	42.3	0.0	0.0%
98.8%	41.7	41.7	0.0	0.0%
100.0%	41.7	41.7	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.2	56.2	0.0	0.0%
1.2%	54.7	54.7	0.0	0.0%
2.5%	54.5	54.4	-0.1	-0.2%
3.7%	54.3	54.3	0.0	0.0%
4.9%	54.3	54.0	-0.3	-0.6%
6.2%	54.0	53.7	-0.3	-0.6%
7.4%	53.3	53.3	0.0	0.0%
8.6%	53.2	53.1	-0.1	-0.2%
9.9%	53.1	52.6	-0.5	-0.9%
11.1%	52.9	52.5	-0.4	-0.8%
12.3%	52.5	52.4	-0.1	-0.2%
13.6%	52.5	52.4	-0.1	-0.2%
14.8%	52.4	52.4	0.0	0.0%
16.0%	52.4	52.3	-0.1	-0.2%
17.3%	52.3	52.3	0.0	0.0%
18.5%	52.3	52.3	0.0	0.0%
19.8%	52.3	52.3	0.0	0.0%
21.0%	52.3	52.2	-0.1	-0.2%
22.2%	52.2	52.1	-0.1	-0.2%
23.5%	51.9	52.0	0.1	0.2%
24.7%	51.8	52.0	0.2	0.4%
25.9%	51.8	51.8	0.0	0.0%
27.2%	51.5	51.7	0.2	0.4%
28.4%	51.5	51.5	0.0	0.0%
29.6%	51.4	51.5	0.1	0.2%
30.9%	51.3	51.4	0.1	0.2%
32.1%	51.2	51.4	0.2	0.4%
33.3%	51.2	51.1	-0.1	-0.2%
34.6%	51.1	51.1	0.0	0.0%
35.8%	51.1	51.0	-0.1	-0.2%
37.0%	51.0	51.0	0.0	0.0%
38.3%	51.0	50.9	-0.1	-0.2%
39.5%	50.9	50.8	-0.1	-0.2%
40.7%	50.8	50.7	-0.1	-0.2%
42.0%	50.7	50.7	0.0	0.0%
43.2%	50.7	50.7	0.0	0.0%
44.4%	50.6	50.6	0.0	0.0%
45.7%	50.6	50.6	0.0	0.0%
46.9%	50.6	50.6	0.0	0.0%
48.1%	50.6	50.4	-0.2	-0.4%
49.4%	50.4	50.4	0.0	0.0%
50.6%	50.4	50.3	-0.1	-0.2%
51.9%	50.4	50.3	-0.1	-0.2%
53.1%	50.3	50.0	-0.3	-0.6%
54.3%	50.3	50.0	-0.3	-0.6%
55.6%	50.1	49.9	-0.2	-0.4%
56.8%	50.0	49.7	-0.3	-0.6%
58.0%	50.0	49.7	-0.3	-0.6%
59.3%	49.9	49.3	-0.6	-1.2%
60.5%	49.7	49.3	-0.4	-0.8%
61.7%	49.6	49.2	-0.4	-0.8%
63.0%	49.3	49.1	-0.2	-0.4%
64.2%	49.3	49.1	-0.2	-0.4%
65.4%	49.1	49.0	-0.1	-0.2%
66.7%	49.1	49.0	-0.1	-0.2%
67.9%	49.0	49.0	0.0	0.0%
69.1%	49.0	48.9	-0.1	-0.2%
70.4%	49.0	48.8	-0.2	-0.4%
71.6%	48.9	48.7	-0.2	-0.4%
72.8%	48.9	48.5	-0.4	-0.8%
74.1%	48.8	48.4	-0.4	-0.8%
75.3%	48.7	48.4	-0.3	-0.6%
76.5%	48.5	48.2	-0.3	-0.6%
77.8%	48.4	48.0	-0.4	-0.8%
79.0%	47.9	47.8	-0.1	-0.2%
80.2%	47.8	47.8	0.0	0.0%
81.5%	47.7	47.7	0.0	0.0%
82.7%	47.7	47.7	0.0	0.0%
84.0%	47.5	47.6	0.1	0.2%
85.2%	47.5	47.5	0.0	0.0%
86.4%	47.3	47.5	0.2	0.4%
87.7%	47.2	47.3	0.1	0.2%
88.9%	47.0	47.0	0.0	0.0%
90.1%	47.0	46.9	-0.1	-0.2%
91.4%	46.9	46.9	0.0	0.0%
92.6%	46.7	46.7	0.0	0.0%
93.8%	46.4	46.5	0.1	0.2%
95.1%	46.3	46.3	0.0	0.0%
96.3%	46.1	46.1	0.0	0.0%
97.5%	45.7	45.4	-0.3	-0.7%
98.8%	44.3	44.3	0.0	0.0%
100.0%	44.3	44.3	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.0	53.0	0.0	0.0%
1.2%	52.6	52.6	0.0	0.0%
2.5%	50.8	50.7	-0.1	-0.2%
3.7%	50.1	50.2	0.1	0.2%
4.9%	50.0	50.0	0.0	0.0%
6.2%	50.0	50.0	0.0	0.0%
7.4%	49.8	50.0	0.2	0.4%
8.6%	49.7	49.8	0.1	0.2%
9.9%	49.3	49.2	-0.1	-0.2%
11.1%	48.7	48.7	0.0	0.0%
12.3%	48.3	48.3	0.0	0.0%
13.6%	48.1	48.2	0.1	0.2%
14.8%	48.1	48.0	-0.1	-0.2%
16.0%	47.9	47.7	-0.2	-0.4%
17.3%	47.8	47.7	-0.1	-0.2%
18.5%	47.7	47.6	-0.1	-0.2%
19.8%	47.6	47.6	0.0	0.0%
21.0%	47.6	47.6	0.0	0.0%
22.2%	47.6	47.6	0.0	0.0%
23.5%	47.5	47.3	-0.2	-0.4%
24.7%	47.5	47.3	-0.2	-0.4%
25.9%	47.3	47.3	0.0	0.0%
27.2%	47.3	47.2	-0.1	-0.2%
28.4%	47.3	47.2	-0.1	-0.2%
29.6%	47.2	47.2	0.0	0.0%
30.9%	47.2	47.1	-0.1	-0.2%
32.1%	47.2	47.1	-0.1	-0.2%
33.3%	47.1	47.1	0.0	0.0%
34.6%	47.1	47.0	-0.1	-0.2%
35.8%	47.0	47.0	0.0	0.0%
37.0%	47.0	47.0	0.0	0.0%
38.3%	47.0	46.9	-0.1	-0.2%
39.5%	46.9	46.9	0.0	0.0%
40.7%	46.9	46.9	0.0	0.0%
42.0%	46.9	46.9	0.0	0.0%
43.2%	46.9	46.7	-0.2	-0.4%
44.4%	46.7	46.6	-0.1	-0.2%
45.7%	46.6	46.6	0.0	0.0%
46.9%	46.6	46.4	-0.2	-0.4%
48.1%	46.5	46.4	-0.1	-0.2%
49.4%	46.4	46.4	0.0	0.0%
50.6%	46.4	46.3	-0.1	-0.2%
51.9%	46.2	46.2	0.0	0.0%
53.1%	46.2	46.2	0.0	0.0%
54.3%	46.1	46.1	0.0	0.0%
55.6%	46.1	46.0	-0.1	-0.2%
56.8%	46.0	46.0	0.0	0.0%
58.0%	46.0	46.0	0.0	0.0%
59.3%	46.0	46.0	0.0	0.0%
60.5%	46.0	46.0	0.0	0.0%
61.7%	46.0	46.0	0.0	0.0%
63.0%	46.0	46.0	0.0	0.0%
64.2%	46.0	46.0	0.0	0.0%
65.4%	45.9	45.9	0.0	0.0%
66.7%	45.8	45.7	-0.1	-0.2%
67.9%	45.7	45.7	0.0	0.0%
69.1%	45.7	45.6	-0.1	-0.2%
70.4%	45.6	45.6	0.0	0.0%
71.6%	45.6	45.6	0.0	0.0%
72.8%	45.6	45.6	0.0	0.0%
74.1%	45.5	45.5	0.0	0.0%
75.3%	45.5	45.5	0.0	0.0%
76.5%	45.4	45.5	0.1	0.2%
77.8%	45.4	45.4	0.0	0.0%
79.0%	45.3	45.3	0.0	0.0%
80.2%	45.2	45.2	0.0	0.0%
81.5%	44.9	45.0	0.1	0.2%
82.7%	44.9	44.9	0.0	0.0%
84.0%	44.9	44.9	0.0	0.0%
85.2%	44.9	44.9	0.0	0.0%
86.4%	44.8	44.9	0.1	0.2%
87.7%	44.7	44.6	-0.1	-0.2%
88.9%	44.6	44.6	0.0	0.0%
90.1%	44.4	44.5	0.1	0.2%
91.4%	44.3	44.3	0.0	0.0%
92.6%	44.2	44.1	-0.1	-0.2%
93.8%	44.2	44.0	-0.2	-0.5%
95.1%	44.0	44.0	0.0	0.0%
96.3%	44.0	43.7	-0.3	-0.7%
97.5%	43.2	43.3	0.1	0.2%
98.8%	43.1	43.1	0.0	0.0%
100.0%	43.1	43.1	0.0	0.0%

Table SQ-33-3b

Trinity River below Lewiston Dam, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.9	60.8	-0.1	-0.2%
1.2%	60.3	59.3	-1.0	-1.7%
2.5%	59.3	59.2	-0.1	-0.2%
3.7%	58.7	58.7	0.0	0.0%
4.9%	58.6	57.9	-0.7	-1.2%
6.2%	57.7	57.7	0.0	0.0%
7.4%	57.5	57.2	-0.3	-0.5%
8.6%	57.1	57.0	-0.1	-0.2%
9.9%	56.3	56.8	0.5	0.9%
11.1%	56.2	56.3	0.1	0.2%
12.3%	56.0	56.2	0.2	0.4%
13.6%	55.2	56.0	0.8	1.4%
14.8%	54.9	55.2	0.3	0.5%
16.0%	54.9	54.9	0.0	0.0%
17.3%	53.7	54.9	1.2	2.2%
18.5%	53.4	53.7	0.3	0.6%
19.8%	53.3	53.4	0.1	0.2%
21.0%	53.0	53.1	0.1	0.2%
22.2%	52.9	53.0	0.1	0.2%
23.5%	52.8	52.9	0.1	0.2%
24.7%	52.8	52.9	0.1	0.2%
25.9%	52.1	52.1	0.0	0.0%
27.2%	51.7	51.9	0.2	0.4%
28.4%	51.4	51.8	0.4	0.8%
29.6%	51.4	51.4	0.0	0.0%
30.9%	51.4	51.3	-0.1	-0.2%
32.1%	51.3	51.3	0.0	0.0%
33.3%	51.3	51.3	0.0	0.0%
34.6%	51.3	51.2	-0.1	-0.2%
35.8%	51.2	51.1	-0.1	-0.2%
37.0%	51.1	51.1	0.0	0.0%
38.3%	51.1	51.1	0.0	0.0%
39.5%	51.1	51.0	-0.1	-0.2%
40.7%	51.0	50.9	-0.1	-0.2%
42.0%	51.0	50.9	-0.1	-0.2%
43.2%	50.9	50.8	-0.1	-0.2%
44.4%	50.9	50.7	-0.2	-0.4%
45.7%	50.8	50.6	-0.2	-0.4%
46.9%	50.8	50.6	-0.2	-0.4%
48.1%	50.7	50.3	-0.4	-0.8%
49.4%	50.6	50.3	-0.3	-0.6%
50.6%	50.3	50.3	0.0	0.0%
51.9%	50.3	50.3	0.0	0.0%
53.1%	50.1	50.2	0.1	0.2%
54.3%	50.1	50.1	0.0	0.0%
55.6%	50.1	50.0	-0.1	-0.2%
56.8%	50.0	50.0	0.0	0.0%
58.0%	49.9	50.0	0.1	0.2%
59.3%	49.8	49.9	0.1	0.2%
60.5%	49.8	49.8	0.0	0.0%
61.7%	49.7	49.8	0.1	0.2%
63.0%	49.6	49.7	0.1	0.2%
64.2%	49.6	49.6	0.0	0.0%
65.4%	49.5	49.5	0.0	0.0%
66.7%	49.5	49.5	0.0	0.0%
67.9%	49.4	49.5	0.1	0.2%
69.1%	49.3	49.4	0.1	0.2%
70.4%	49.3	49.3	0.0	0.0%
71.6%	49.3	49.2	-0.1	-0.2%
72.8%	49.2	49.2	0.0	0.0%
74.1%	49.2	49.1	-0.1	-0.2%
75.3%	49.1	48.7	-0.4	-0.8%
76.5%	48.9	48.7	-0.2	-0.4%
77.8%	48.8	48.5	-0.3	-0.6%
79.0%	48.7	48.2	-0.5	-1.0%
80.2%	48.6	48.2	-0.4	-0.8%
81.5%	48.1	48.1	0.0	0.0%
82.7%	47.9	47.9	0.0	0.0%
84.0%	47.4	47.4	0.0	0.0%
85.2%	47.2	47.1	-0.1	-0.2%
86.4%	47.1	46.9	-0.2	-0.4%
87.7%	46.9	46.9	0.0	0.0%
88.9%	46.9	46.9	0.0	0.0%
90.1%	46.8	46.8	0.0	0.0%
91.4%	46.7	46.7	0.0	0.0%
92.6%	46.3	46.4	0.1	0.2%
93.8%	45.6	45.6	0.0	0.0%
95.1%	45.0	45.0	0.0	0.0%
96.3%	44.7	44.7	0.0	0.0%
97.5%	44.6	44.6	0.0	0.0%
98.8%	44.2	44.3	0.1	0.2%
100.0%	44.2	44.3	0.1	0.2%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.6	59.0	-1.6	-2.6%
1.2%	59.4	58.3	-1.1	-1.9%
2.5%	59.3	57.6	-1.7	-2.9%
3.7%	58.3	57.1	-1.2	-2.1%
4.9%	58.3	56.1	-2.2	-3.8%
6.2%	57.2	56.0	-1.2	-2.1%
7.4%	56.2	55.3	-0.9	-1.6%
8.6%	55.6	55.2	-0.4	-0.7%
9.9%	55.3	54.9	-0.4	-0.7%
11.1%	54.7	54.7	0.0	0.0%
12.3%	53.6	54.3	0.7	1.3%
13.6%	53.5	53.9	0.4	0.7%
14.8%	53.4	53.7	0.3	0.6%
16.0%	53.1	53.4	0.3	0.6%
17.3%	52.9	53.4	0.5	0.9%
18.5%	52.9	53.3	0.4	0.8%
19.8%	52.9	53.2	0.3	0.6%
21.0%	52.7	53.1	0.4	0.8%
22.2%	52.7	52.9	0.2	0.4%
23.5%	52.7	52.9	0.2	0.4%
24.7%	52.4	52.7	0.3	0.6%
25.9%	52.3	52.3	0.0	0.0%
27.2%	52.2	52.1	-0.1	-0.2%
28.4%	52.2	52.1	-0.1	-0.2%
29.6%	52.0	52.0	0.0	0.0%
30.9%	51.9	52.0	0.1	0.2%
32.1%	51.8	51.8	0.0	0.0%
33.3%	51.7	51.6	-0.1	-0.2%
34.6%	51.6	51.6	0.0	0.0%
35.8%	51.6	51.5	-0.1	-0.2%
37.0%	51.5	51.5	0.0	0.0%
38.3%	51.5	51.5	0.0	0.0%
39.5%	51.5	51.4	-0.1	-0.2%
40.7%	51.5	51.3	-0.2	-0.4%
42.0%	51.3	51.3	0.0	0.0%
43.2%	51.2	51.2	0.0	0.0%
44.4%	51.2	51.2	0.0	0.0%
45.7%	51.1	51.1	0.0	0.0%
46.9%	51.0	51.1	0.1	0.2%
48.1%	51.0	51.1	0.1	0.2%
49.4%	51.0	51.0	0.0	0.0%
50.6%	50.9	51.0	0.1	0.2%
51.9%	50.7	50.9	0.2	0.4%
53.1%	50.7	50.8	0.1	0.2%
54.3%	50.7	50.7	0.0	0.0%
55.6%	50.7	50.7	0.0	0.0%
56.8%	50.7	50.7	0.0	0.0%
58.0%	50.6	50.6	0.0	0.0%
59.3%	50.5	50.5	0.0	0.0%
60.5%	50.5	50.5	0.0	0.0%
61.7%	50.4	50.4	0.0	0.0%
63.0%	50.2	50.1	-0.1	-0.2%
64.2%	50.1	50.1	0.0	0.0%
65.4%	50.0	50.0	0.0	0.0%
66.7%	50.0	50.0	0.0	0.0%
67.9%	49.9	50.0	0.1	0.2%
69.1%	49.8	49.9	0.1	0.2%
70.4%	49.7	49.8	0.1	0.2%
71.6%	49.6	49.8	0.2	0.4%
72.8%	49.6	49.7	0.1	0.2%
74.1%	49.6	49.7	0.1	0.2%
75.3%	49.5	49.6	0.1	0.2%
76.5%	49.3	49.6	0.3	0.6%
77.8%	49.2	49.5	0.3	0.6%
79.0%	49.2	49.4	0.2	0.4%
80.2%	49.0	49.2	0.2	0.4%
81.5%	49.0	49.0	0.0	0.0%
82.7%	48.9	49.0	0.1	0.2%
84.0%	48.9	48.9	0.0	0.0%
85.2%	48.7	48.9	0.2	0.4%
86.4%	48.7	48.8	0.1	0.2%
87.7%	48.7	48.7	0.0	0.0%
88.9%	48.5	48.5	0.0	0.0%
90.1%	48.0	48.0	0.0	0.0%
91.4%	47.9	47.9	0.0	0.0%
92.6%	47.7	47.7	0.0	0.0%
93.8%	47.4	47.4	0.0	0.0%
95.1%	47.3	47.3	0.0	0.0%
96.3%	46.8	46.9	0.1	0.2%
97.5%	46.7	46.7	0.0	0.0%
98.8%	46.5	46.5	0.0	0.0%
100.0%	46.5	46.5	0.0	0.0%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.0	63.9	-1.1	-1.7%
1.2%	63.9	60.8	-3.1	-4.9%
2.5%	61.4	58.6	-2.8	-4.6%
3.7%	59.7	57.6	-2.1	-3.5%
4.9%	58.7	55.9	-2.8	-4.8%
6.2%	58.1	55.9	-2.2	-3.8%
7.4%	56.2	55.7	-0.5	-0.9%
8.6%	55.7	55.2	-0.5	-0.9%
9.9%	55.7	54.5	-1.2	-2.2%
11.1%	55.5	54.3	-1.2	-2.2%
12.3%	55.1	53.8	-1.3	-2.4%
13.6%	54.3	53.6	-0.7	-1.3%
14.8%	54.1	52.9	-1.2	-2.2%
16.0%	53.6	52.9	-0.7	-1.3%
17.3%	53.4	52.8	-0.6	-1.1%
18.5%	53.2	52.6	-0.6	-1.1%
19.8%	53.0	52.5	-0.5	-0.9%
21.0%	52.7	52.5	-0.2	-0.4%
22.2%	52.6	52.5	-0.1	-0.2%
23.5%	52.6	52.4	-0.2	-0.4%
24.7%	52.4	52.4	0.0	0.0%
25.9%	52.4	52.4	0.0	0.0%
27.2%	52.4	52.2	-0.2	-0.4%
28.4%	52.4	52.1	-0.3	-0.6%
29.6%	52.2	52.0	-0.2	-0.4%
30.9%	52.1	52.0	-0.1	-0.2%
32.1%	52.0	52.0	0.0	0.0%
33.3%	51.9	51.9	0.0	0.0%
34.6%	51.9	51.8	-0.1	-0.2%
35.8%	51.8	51.7	-0.1	-0.2%
37.0%	51.7	51.6	-0.1	-0.2%
38.3%	51.7	51.6	-0.1	-0.2%
39.5%	51.6	51.5	-0.1	-0.2%
40.7%	51.5	51.5	0.0	0.0%
42.0%	51.4	51.4	0.0	0.0%
43.2%	51.3	51.3	0.0	0.0%
44.4%	51.3	51.3	0.0	0.0%
45.7%	51.2	51.3	0.1	0.2%
46.9%	51.2	51.2	0.0	0.0%
48.1%	51.2	51.2	0.0	0.0%
49.4%	51.2	51.1	-0.1	-0.2%
50.6%	51.1	51.1	0.0	0.0%
51.9%	51.1	51.0	-0.1	-0.2%
53.1%	51.0	51.0	0.0	0.0%
54.3%	51.0	50.9	-0.1	-0.2%
55.6%	51.0	50.9	-0.1	-0.2%
56.8%	51.0	50.9	-0.1	-0.2%
58.0%	50.9	50.9	0.0	0.0%
59.3%	50.9	50.9	0.0	0.0%
60.5%	50.8	50.8	0.0	0.0%
61.7%	50.8	50.7	-0.1	-0.2%
63.0%	50.6	50.5	-0.1	-0.2%
64.2%	50.4	50.3	-0.1	-0.2%
65.4%	50.3	50.3	0.0	0.0%
66.7%	50.3	50.2	-0.1	-0.2%
67.9%	50.2	50.2	0.0	0.0%
69.1%	50.2	50.0	-0.2	-0.4%
70.4%	49.9	49.9	0.0	0.0%
71.6%	49.7	49.7	0.0	0.0%
72.8%	49.5	49.5	0.0	0.0%
74.1%	49.4	49.5	0.1	0.2%
75.3%	49.3	49.4	0.1	0.2%
76.5%	49.2	49.4	0.2	0.4%
77.8%	49.1	49.2	0.1	0.2%
79.0%	49.0	49.2	0.2	0.4%
80.2%	49.0	49.2	0.2	0.4%
81.5%	48.9	49.1	0.2	0.4%
82.7%	48.8	49.0	0.2	0.4%
84.0%	48.7	48.8	0.1	0.2%
85.2%	48.5	48.7	0.2	0.4%
86.4%	48.4	48.6	0.2	0.4%
87.7%	48.3	48.6	0.3	0.6%
88.9%	48.3	48.4	0.1	0.2%
90.1%	48.2	48.4	0.2	0.4%
91.4%	48.1	48.3	0.2	0.4%
92.6%	48.0	47.8	-0.2	-0.4%
93.8%	47.5	47.7	0.2	0.4%
95.1%	47.5	47.6	0.1	0.2%
96.3%	46.7	47.5	0.8	1.7%
97.5%	46.4	47.0	0.6	1.3%
98.8%	46.0	46.7	0.7	1.5%
100.0%	46.0	46.7	0.7	1.5%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	68.1	62.3	-5.8	-8.5%
1.2%	64.5	61.3	-3.2	-5.0%
2.5%	63.6	59.4	-4.2	-6.6%
3.7%	60.0	58.8	-1.2	-2.0%
4.9%	59.7	58.0	-1.7	-2.8%
6.2%	59.6	57.7	-1.9	-3.2%
7.4%	59.4	57.2	-2.2	-3.7%
8.6%	57.2	56.9	-0.3	-0.5%
9.9%	56.6	56.4	-0.2	-0.4%
11.1%	55.0	55.2	0.2	0.4%
12.3%	54.0	54.2	0.2	0.4%
13.6%	53.8	53.8	0.0	0.0%
14.8%	53.7	53.4	-0.3	-0.6%
16.0%	53.6	53.3	-0.3	-0.6%
17.3%	53.4	52.7	-0.7	-1.3%
18.5%	52.8	52.6	-0.2	-0.4%
19.8%	52.2	52.1	-0.1	-0.2%
21.0%	51.8	51.9	0.1	0.2%
22.2%	51.7	51.6	-0.1	-0.2%
23.5%	51.6	51.4	-0.2	-0.4%
24.7%	51.6	51.2	-0.4	-0.8%
25.9%	51.1	51.1	0.0	0.0%
27.2%	51.0	51.1	0.1	0.2%
28.4%	50.9	50.8	-0.1	-0.2%
29.6%	50.9	50.8	-0.1	-0.2%
30.9%	50.8	50.8	0.0	0.0%
32.1%	50.5	50.5	0.0	0.0%
33.3%	50.5	50.2	-0.3	-0.6%
34.6%	50.4	50.2	-0.2	-0.4%
35.8%	50.4	50.2	-0.2	-0.4%
37.0%	50.3	50.1	-0.2	-0.4%
38.3%	50.2	50.1	-0.1	-0.2%
39.5%	49.6	49.8	0.2	0.4%
40.7%	49.5	49.7	0.2	0.4%
42.0%	49.5	49.6	0.1	0.2%
43.2%	49.5	49.6	0.1	0.2%
44.4%	49.5	49.5	0.0	0.0%
45.7%	49.4	49.5	0.1	0.2%
46.9%	49.2	49.5	0.3	0.6%
48.1%	49.1	49.4	0.3	0.6%
49.4%	49.0	49.2	0.2	0.4%
50.6%	49.0	49.1	0.1	0.2%
51.9%	49.0	49.0	0.0	0.0%
53.1%	49.0	49.0	0.0	0.0%
54.3%	48.9	49.0	0.1	0.2%
55.6%	48.9	48.8	-0.1	-0.2%
56.8%	48.8	48.8	0.0	0.0%
58.0%	48.8	48.7	-0.1	-0.2%
59.3%	48.7	48.7	0.0	0.0%
60.5%	48.6	48.7	0.1	0.2%
61.7%	48.6	48.7	0.1	0.2%
63.0%	48.6	48.6	0.0	0.0%
64.2%	48.5	48.5	0.0	0.0%
65.4%	48.5	48.5	0.0	0.0%
66.7%	48.5	48.5	0.0	0.0%
67.9%	48.4	48.5	0.1	0.2%
69.1%	48.3	48.4	0.1	0.2%
70.4%	48.3	48.3	0.0	0.0%
71.6%	48.2	48.2	0.0	0.0%
72.8%	48.2	48.2	0.0	0.0%
74.1%	48.2	48.1	-0.1	-0.2%
75.3%	48.0	48.0	0.0	0.0%
76.5%	48.0	48.0	0.0	0.0%
77.8%	48.0	48.0	0.0	0.0%
79.0%	47.9	47.8	-0.1	-0.2%
80.2%	47.8	47.7	-0.1	-0.2%
81.5%	47.6	47.6	0.0	0.0%
82.7%	47.6	47.5	-0.1	-0.2%
84.0%	47.4	47.5	0.1	0.2%
85.2%	47.4	47.5	0.1	0.2%
86.4%	47.3	47.5	0.2	0.4%
87.7%	47.2	47.3	0.1	0.2%
88.9%	47.1	47.1	0.0	0.0%
90.1%	47.1	47.1	0.0	0.0%
91.4%	47.0	47.0	0.0	0.0%
92.6%	46.9	46.7	-0.2	-0.4%
93.8%	46.9	46.7	-0.2	-0.4%
95.1%	46.8	46.4	-0.4	-0.9%
96.3%	46.7	46.3	-0.4	-0.9%
97.5%	46.3	46.2	-0.1	-0.2%
98.8%	46.2	45.4	-0.8	-1.7%
100.0%	46.2	45.4	-0.8	-1.7%

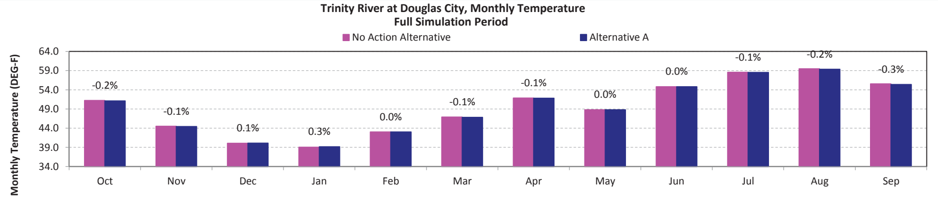
Table SQ-34-3a
Trinity River at Douglas City, Monthly Temperature
Long-term Average and Average by Water Year Type

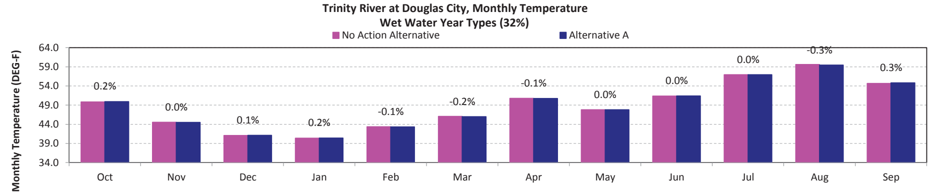
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	51.2	44.5	40.1	39.0	43.0	46.9	51.9	48.8	54.8	58.6	59.5	55.6
Alternative A	51.1	44.4	40.1	39.2	43.0	46.8	51.8	48.8	54.8	58.5	59.4	55.4
Difference	-0.1	-0.1	0.0	0.1	0.0	-0.1	-0.1	0.0	0.0	0.0	-0.1	-0.2
Percent Difference[3]	-0.2%	-0.1%	0.1%	0.3%	0.0%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	-0.2%	-0.3%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	49.8	44.5	41.1	40.4	43.3	46.1	50.8	47.8	51.4	56.9	59.6	54.7
Alternative A	49.9	44.5	41.1	40.4	43.3	46.0	50.7	47.8	51.4	56.9	59.4	54.8
Difference	0.1	0.0	0.0	0.1	0.0	-0.1	-0.1	0.0	0.0	0.0	-0.2	0.2
Percent Difference	0.2%	0.0%	0.1%	0.2%	-0.1%	-0.2%	-0.1%	0.0%	0.0%	0.0%	-0.3%	0.3%
Above Normal (15%)												
No Action Alternative	50.3	43.2	40.0	38.7	43.0	46.7	51.8	48.0	53.9	57.8	58.8	54.2
Alternative A	50.3	42.9	39.8	38.7	43.0	46.8	51.8	48.0	53.9	57.3	58.6	54.2
Difference	0.0	-0.2	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	-0.5	-0.1	0.0
Percent Difference	-0.1%	-0.6%	-0.5%	0.0%	0.0%	0.1%	0.0%	-0.1%	-0.1%	-0.9%	-0.2%	0.0%
Below Normal (17%)												
No Action Alternative	51.7	44.7	39.6	38.3	42.4	46.8	52.5	48.6	55.4	59.1	59.8	56.0
Alternative A	51.5	44.8	39.8	38.4	42.4	46.8	52.4	48.6	55.4	59.2	59.8	55.9
Difference	-0.2	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1
Percent Difference	-0.4%	0.0%	0.3%	0.2%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%
Dry (22%)												
No Action Alternative	51.3	44.6	40.2	38.0	42.7	47.5	52.7	49.0	57.0	59.2	58.4	55.0
Alternative A	51.1	44.5	40.2	38.2	42.7	47.4	52.5	49.1	57.1	59.0	58.7	54.9
Difference	-0.2	-0.2	0.0	0.2	0.0	-0.1	-0.2	0.0	0.1	-0.1	0.4	-0.1
Percent Difference	-0.4%	-0.4%	-0.1%	0.6%	0.0%	-0.2%	-0.4%	0.1%	0.1%	-0.2%	0.6%	-0.2%
Critical (15%)												
No Action Alternative	54.5	45.2	38.4	38.8	43.4	47.9	52.3	51.9	59.7	61.8	61.0	58.9
Alternative A	54.1	45.2	38.6	39.0	43.4	47.8	52.4	51.7	59.6	62.0	60.0	57.7
Difference	-0.4	0.0	0.2	0.2	0.0	-0.1	0.1	-0.2	-0.1	0.2	-1.0	-1.3
Percent Difference	-0.7%	0.1%	0.5%	0.4%	0.0%	-0.2%	0.2%	-0.3%	-0.2%	0.4%	-1.6%	-2.1%

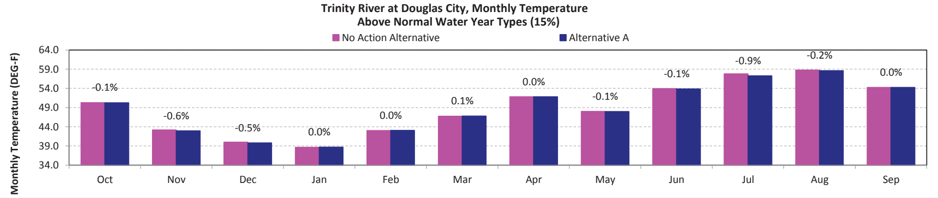
1 Based on the 82-year simulation period

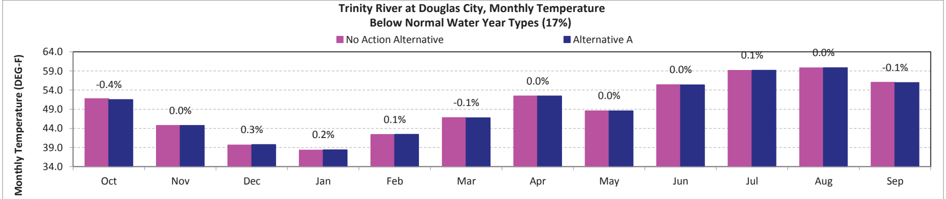
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

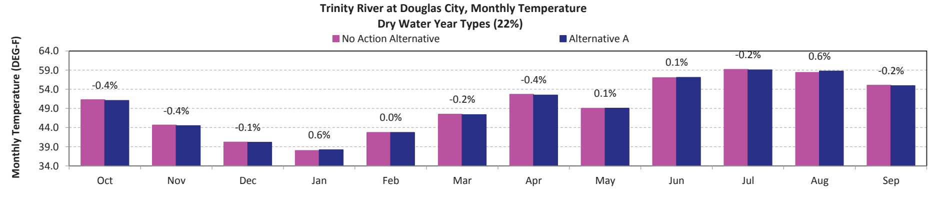
3 Relative difference of the monthly average


Trinity River at Douglas City, Monthly Temperature
Full Simulation Period


Trinity River at Douglas City, Monthly Temperature
Wet Water Year Types (32%)


Trinity River at Douglas City, Monthly Temperature
Above Normal Water Year Types (15%)


Trinity River at Douglas City, Monthly Temperature
Below Normal Water Year Types (17%)


Trinity River at Douglas City, Monthly Temperature
Dry Water Year Types (22%)

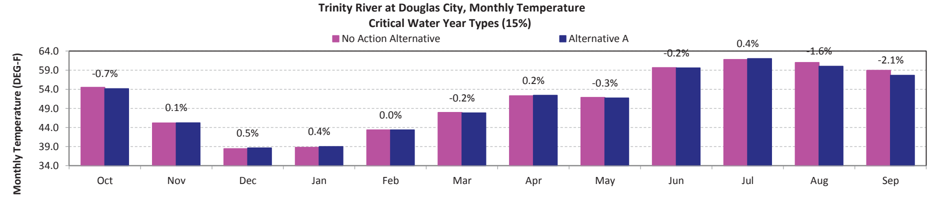

Trinity River at Douglas City, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-34-3b
Trinity River at Douglas City, Monthly Temperature
Probability of Exceedance

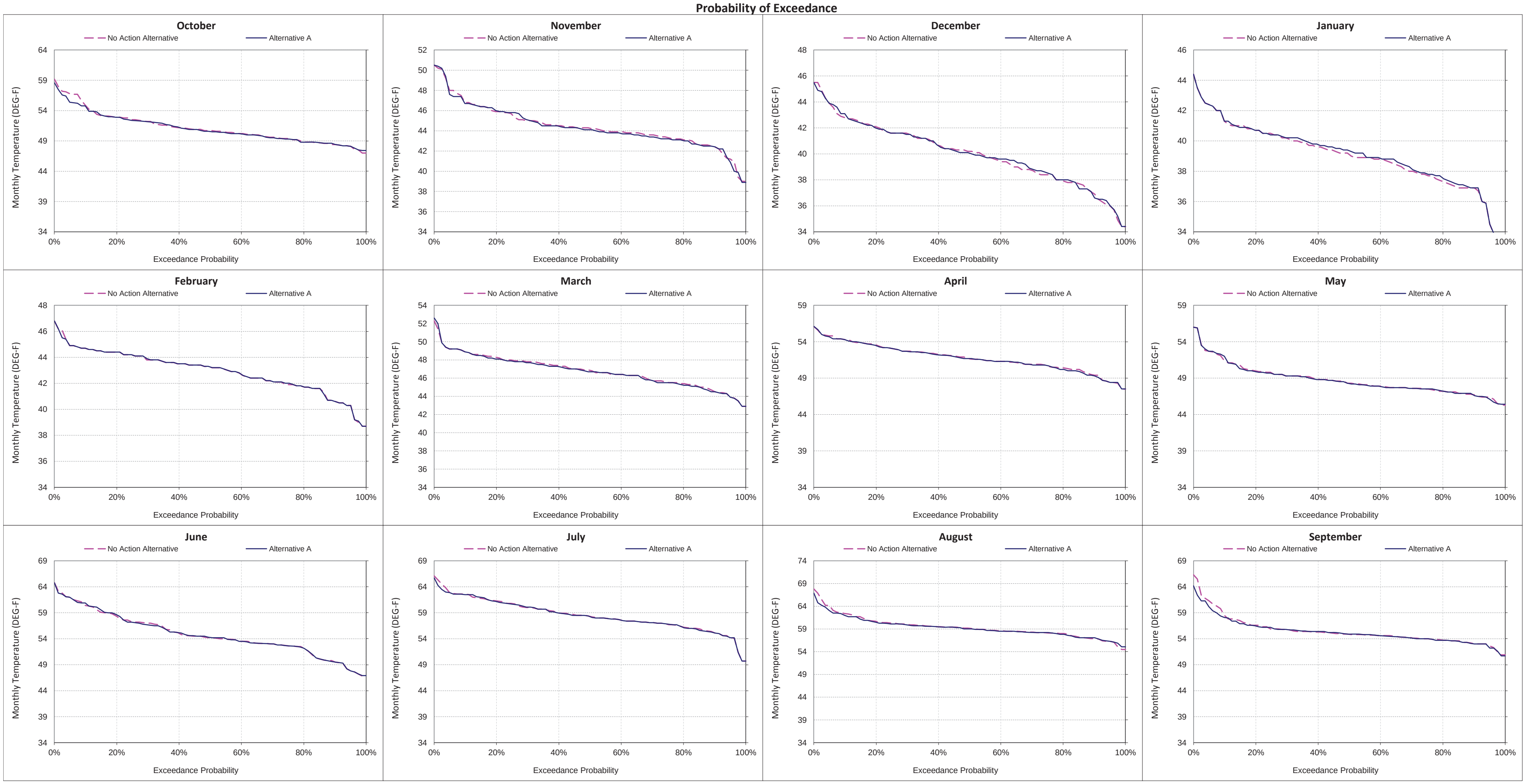


Table SQ-34-3b

Trinity River at Douglas City, Monthly Temperature

Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.2	58.6	-0.6	-1.0%
1.2%	58.0	57.5	-0.5	-0.9%
2.5%	57.2	56.6	-0.6	-1.0%
3.7%	57.1	56.4	-0.7	-1.2%
4.9%	56.8	55.4	-1.4	-2.5%
6.2%	56.7	55.3	-1.4	-2.5%
7.4%	56.7	55.2	-1.5	-2.6%
8.6%	55.7	54.8	-0.9	-1.6%
9.9%	54.9	54.8	-0.1	-0.2%
11.1%	54.2	53.9	-0.3	-0.6%
12.3%	54.0	53.9	-0.1	-0.2%
13.6%	53.4	53.8	0.4	0.7%
14.8%	53.2	53.3	0.1	0.2%
16.0%	53.1	53.1	0.0	0.0%
17.3%	53.1	53.0	-0.1	-0.2%
18.5%	53.0	53.0	0.0	0.0%
19.8%	52.9	52.9	0.0	0.0%
21.0%	52.9	52.9	0.0	0.0%
22.2%	52.8	52.6	-0.2	-0.4%
23.5%	52.8	52.5	-0.3	-0.6%
24.7%	52.5	52.4	-0.1	-0.2%
25.9%	52.5	52.4	-0.1	-0.2%
27.2%	52.4	52.3	-0.1	-0.2%
28.4%	52.3	52.2	-0.1	-0.2%
29.6%	52.2	52.2	0.0	0.0%
30.9%	52.2	52.1	-0.1	-0.2%
32.1%	51.8	52.1	0.3	0.6%
33.3%	51.7	52.0	0.3	0.6%
34.6%	51.6	51.9	0.3	0.6%
35.8%	51.6	51.7	0.1	0.2%
37.0%	51.4	51.6	0.2	0.4%
38.3%	51.3	51.4	0.1	0.2%
39.5%	51.2	51.3	0.1	0.2%
40.7%	51.2	51.1	-0.1	-0.2%
42.0%	51.1	51.0	-0.1	-0.2%
43.2%	51.0	50.9	-0.1	-0.2%
44.4%	50.9	50.9	0.0	0.0%
45.7%	50.9	50.9	0.0	0.0%
46.9%	50.9	50.7	-0.2	-0.4%
48.1%	50.7	50.6	-0.1	-0.2%
49.4%	50.7	50.6	-0.1	-0.2%
50.6%	50.7	50.5	-0.2	-0.4%
51.9%	50.6	50.5	-0.1	-0.2%
53.1%	50.6	50.4	-0.2	-0.4%
54.3%	50.5	50.4	-0.1	-0.2%
55.6%	50.4	50.3	-0.1	-0.2%
56.8%	50.4	50.2	-0.2	-0.4%
58.0%	50.3	50.2	-0.1	-0.2%
59.3%	50.2	50.2	0.0	0.0%
60.5%	50.2	50.1	-0.1	-0.2%
61.7%	50.1	50.0	-0.1	-0.2%
63.0%	50.1	50.0	-0.1	-0.2%
64.2%	50.0	50.0	0.0	0.0%
65.4%	50.0	49.9	-0.1	-0.2%
66.7%	49.8	49.8	0.0	0.0%
67.9%	49.7	49.6	-0.1	-0.2%
69.1%	49.6	49.5	-0.1	-0.2%
70.4%	49.6	49.5	-0.1	-0.2%
71.6%	49.5	49.4	-0.1	-0.2%
72.8%	49.4	49.4	0.0	0.0%
74.1%	49.4	49.3	-0.1	-0.2%
75.3%	49.4	49.3	-0.1	-0.2%
76.5%	49.2	49.2	0.0	0.0%
77.8%	49.2	49.2	0.0	0.0%
79.0%	49.0	48.8	-0.2	-0.4%
80.2%	48.8	48.8	0.0	0.0%
81.5%	48.8	48.8	0.0	0.0%
82.7%	48.8	48.8	0.0	0.0%
84.0%	48.7	48.8	0.1	0.2%
85.2%	48.7	48.7	0.0	0.0%
86.4%	48.6	48.6	0.0	0.0%
87.7%	48.6	48.6	0.0	0.0%
88.9%	48.4	48.6	0.2	0.4%
90.1%	48.4	48.4	0.0	0.0%
91.4%	48.3	48.3	0.0	0.0%
92.6%	48.2	48.2	0.0	0.0%
93.8%	48.2	48.2	0.0	0.0%
95.1%	48.1	48.1	0.0	0.0%
96.3%	47.6	47.8	0.2	0.4%
97.5%	47.5	47.5	0.0	0.0%
98.8%	47.0	47.4	0.4	0.9%
100.0%	47.0	47.4	0.4	0.9%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.5	50.5	0.0	0.0%
1.2%	50.2	50.4	0.2	0.4%
2.5%	50.1	50.2	0.1	0.2%
3.7%	49.2	49.4	0.2	0.4%
4.9%	48.0	47.6	-0.4	-0.8%
6.2%	48.0	47.4	-0.6	-1.2%
7.4%	47.7	47.4	-0.3	-0.6%
8.6%	47.5	47.4	-0.1	-0.2%
9.9%	46.8	46.7	-0.1	-0.2%
11.1%	46.8	46.7	-0.1	-0.2%
12.3%	46.6	46.6	0.0	0.0%
13.6%	46.6	46.5	-0.1	-0.2%
14.8%	46.4	46.4	0.0	0.0%
16.0%	46.4	46.4	0.0	0.0%
17.3%	46.3	46.3	0.0	0.0%
18.5%	46.0	46.3	0.3	0.7%
19.8%	45.9	46.0	0.1	0.2%
21.0%	45.9	45.9	0.0	0.0%
22.2%	45.8	45.9	0.1	0.2%
23.5%	45.8	45.8	0.0	0.0%
24.7%	45.7	45.8	0.1	0.2%
25.9%	45.3	45.8	0.5	1.1%
27.2%	45.1	45.7	0.6	1.3%
28.4%	45.1	45.3	0.2	0.4%
29.6%	45.0	45.1	0.1	0.2%
30.9%	45.0	45.0	0.0	0.0%
32.1%	45.0	44.9	-0.1	-0.2%
33.3%	44.9	44.8	-0.1	-0.2%
34.6%	44.8	44.5	-0.3	-0.7%
35.8%	44.6	44.5	-0.1	-0.2%
37.0%	44.6	44.5	-0.1	-0.2%
38.3%	44.6	44.5	-0.1	-0.2%
39.5%	44.5	44.5	0.0	0.0%
40.7%	44.5	44.4	-0.1	-0.2%
42.0%	44.4	44.3	-0.1	-0.2%
43.2%	44.4	44.3	-0.1	-0.2%
44.4%	44.4	44.3	-0.1	-0.2%
45.7%	44.3	44.3	0.0	0.0%
46.9%	44.3	44.2	-0.1	-0.2%
48.1%	44.3	44.1	-0.2	-0.5%
49.4%	44.3	44.1	-0.2	-0.5%
50.6%	44.2	44.1	-0.1	-0.2%
51.9%	44.2	44.0	-0.2	-0.5%
53.1%	44.1	43.9	-0.2	-0.5%
54.3%	44.0	43.9	-0.1	-0.2%
55.6%	44.0	43.8	-0.2	-0.5%
56.8%	43.9	43.8	-0.1	-0.2%
58.0%	43.9	43.8	-0.1	-0.2%
59.3%	43.9	43.8	-0.1	-0.2%
60.5%	43.9	43.7	-0.2	-0.5%
61.7%	43.8	43.7	-0.1	-0.2%
63.0%	43.8	43.7	-0.1	-0.2%
64.2%	43.8	43.6	-0.2	-0.5%
65.4%	43.8	43.6	-0.2	-0.5%
66.7%	43.7	43.5	-0.2	-0.5%
67.9%	43.6	43.5	-0.1	-0.2%
69.1%	43.6	43.4	-0.2	-0.5%
70.4%	43.6	43.4	-0.2	-0.5%
71.6%	43.5	43.3	-0.2	-0.5%
72.8%	43.4	43.2	-0.2	-0.5%
74.1%	43.4	43.2	-0.2	-0.5%
75.3%	43.3	43.2	-0.1	-0.2%
76.5%	43.2	43.1	-0.1	-0.2%
77.8%	43.2	43.1	-0.1	-0.2%
79.0%	43.2	43.1	-0.1	-0.2%
80.2%	43.1	43.0	-0.1	-0.2%
81.5%	43.1	43.0	-0.1	-0.2%
82.7%	43.0	42.7	-0.3	-0.7%
84.0%	42.7	42.7	0.0	0.0%
85.2%	42.6	42.6	0.0	0.0%
86.4%	42.6	42.5	-0.1	-0.2%
87.7%	42.6	42.5	-0.1	-0.2%
88.9%	42.5	42.5	0.0	0.0%
90.1%	42.4	42.4	0.0	0.0%
91.4%	42.2	42.2	0.0	0.0%
92.6%	41.7	42.2	0.5	1.2%
93.8%	41.3	41.4	0.1	0.2%
95.1%	41.2	40.9	-0.3	-0.7%
96.3%	40.9	40.0	-0.9	-2.2%
97.5%	39.4	39.9	0.5	1.3%
98.8%	39.0	38.9	-0.1	-0.3%
100.0%	39.0	38.9	-0.1	-0.3%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	45.5	45.5	0.0	0.0%
1.2%	45.5	44.9	-0.6	-1.3%
2.5%	44.9	44.8	-0.1	-0.2%
3.7%	44.3	44.3	0.0	0.0%
4.9%	43.9	43.9	0.0	0.0%
6.2%	43.6	43.8	0.2	0.5%
7.4%	43.1	43.6	0.5	1.2%
8.6%	42.9	43.1	0.2	0.5%
9.9%	42.8	43.1	0.3	0.7%
11.1%	42.7	42.7	0.0	0.0%
12.3%	42.7	42.6	-0.1	-0.2%
13.6%	42.6	42.5	-0.1	-0.2%
14.8%	42.5	42.4	-0.1	-0.2%
16.0%	42.3	42.3	0.0	0.0%
17.3%	42.3	42.2	-0.1	-0.2%
18.5%	42.2	42.2	0.0	0.0%
19.8%	42.1	42.0	-0.1	-0.2%
21.0%	42.0	41.9	-0.1	-0.2%
22.2%	41.8	41.9	0.1	0.2%
23.5%	41.7	41.7	0.0	0.0%
24.7%	41.6	41.6	0.0	0.0%
25.9%	41.6	41.6	0.0	0.0%
27.2%	41.6	41.6	0.0	0.0%
28.4%	41.6	41.6	0.0	0.0%
29.6%	41.6	41.5	-0.1	-0.2%
30.9%	41.5	41.5	0.0	0.0%
32.1%	41.4	41.3	-0.1	-0.2%
33.3%	41.2	41.3	0.1	0.2%
34.6%	41.2	41.2	0.0	0.0%
35.8%	41.2	41.2	0.0	0.0%
37.0%	41.1	41.0	-0.1	-0.2%
38.3%	40.9	41.0	0.1	0.2%
39.5%	40.7	40.7	0.0	0.0%
40.7%	40.6	40.5	-0.1	-0.2%
42.0%	40.4	40.4	0.0	0.0%
43.2%	40.4	40.4	0.0	0.0%
44.4%	40.4	40.3	-0.1	-0.2%
45.7%	40.3	40.2	-0.1	-0.2%
46.9%	40.3	40.1	-0.2	-0.5%
48.1%	40.3	40.1	-0.2	-0.5%
49.4%	40.2	40.1	-0.1	-0.2%
50.6%	40.2	40.0	-0.2	-0.5%
51.9%	40.1	39.9	-0.2	-0.5%
53.1%	40.1	39.9	-0.2	-0.5%
54.3%	39.9	39.8	-0.1	-0.3%
55.6%	39.8	39.7	-0.1	-0.3%
56.8%	39.7	39.7	0.0	0.0%
58.0%	39.6	39.7	0.1	0.3%
59.3%	39.5	39.6	0.1	0.3%
60.5%	39.4	39.6	0.2	0.5%
61.7%	39.4	39.6	0.2	0.5%
63.0%	39.2	39.5	0.3	0.8%
64.2%	39.0	39.5	0.5	1.3%
65.4%	39.0	39.3	0.3	0.8%
66.7%	38.8	39.3	0.5	1.3%
67.9%	38.8	39.2	0.4	1.0%
69.1%	38.8	38.9	0.1	0.3%
70.4%	38.7	38.8	0.1	0.3%
71.6%	38.5	38.7	0.2	0.5%
72.8%	38.4	38.7	0.3	0.8%
74.1%	38.4	38.6	0.2	0.5%
75.3%	38.4	38.5	0.1	0.3%
76.5%	38.4	38.4	0.0	0.0%
77.8%	38.0	38.0	0.0	0.0%
79.0%	38.0	38.0	0.0	0.0%
80.2%	37.9	38.0	0.1	0.3%
81.5%	37.8	38.0	0.2	0.5%
82.7%	37.8	37.9	0.1	0.3%
84.0%	37.8	37.8	0.0	0.0%
85.2%	37.7	37.3	-0.4	-1.1%
86.4%	37.6	37.3	-0.3	-0.8%
87.7%	37.3	37.3	0.0	0.0%
88.9%	37.1	37.1	0.0	0.0%
90.1%	36.9	36.6	-0.3	-0.8%
91.4%	36.5	36.5	0.0	0.0%
92.6%	36.3	36.5	0.2	0.6%
93.8%	36.1	36.4	0.3	0.8%
95.1%	36.0	36.0	0.0	0.0%
96.3%	35.7	35.7	0.0	0.0%
97.5%	34.9	35.2	0.3	0.9%
98.8%	34.4	34.4	0.0	0.0%
100.0%	34.4	34.4	0.0	0.0%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	44.4	44.4	0.0	0.0%
1.2%	43.5	43.5	0.0	0.0%
2.5%	42.9	42.9	0.0	0.0%
3.7%	42.5	42.5	0.0	0.0%
4.9%	42.4	42.4	0.0	0.0%
6.2%	42.3	42.3	0.0	0.0%
7.4%	42.0	42.0	0.0	0.0%
8.6%	42.0	42.0	0.0	0.0%
9.9%	41.3	41.3	0.0	0.0%
11.1%	41.1	41.3	0.2	0.5%
12.3%	41.0	41.1	0.1	0.2%
13.6%	41.0	41.0	0.0	0.0%
14.8%	41.0	40.9	-0.1	-0.2%
16.0%	41.0	40.9	-0.1	-0.2%
17.3%	40.8	40.9	0.1	0.2%
18.5%	40.8	40.8	0.0	0.0%
19.8%	40.7	40.7	0.0	0.0%
21.0%	40.7	40.7	0.0	0.0%
22.2%	40.5	40.5	0.0	0.0%
23.5%	40.5	40.5	0.0	0.0%
24.7%	40.5	40.4	-0.1	-0.2%
25.9%	40.4	40.4	0.0	0.0%
27.2%	40.4	40.4	0.0	0.0%
28.4%	40.2	40.3	0.1	0.2%
29.6%	40.2	40.2	0.0	0.0%
30.9%	40.1	40.2	0.1	0.2%
32.1%	40.0	40.2	0.2	0.5%
33.3%	40.0	40.2	0.2	0.5%
34.6%	39.9	40.1	0.2	0.5%
35.8%	39.9	40.0	0.1	0.3%
37.0%	39.7	39.9	0.2	0.5%
38.3%	39.7	39.8	0.1	0.3%
39.5%	39.6	39.8	0.2	0.5%
40.7%	39.6	39.7	0.1	0.3%
42.0%	39.5	39.7	0.2	0.5%
43.2%	39.4	39.6	0.2	0.5%
44.4%	39.4	39.6	0.2	0.5%
45.7%	39.3	39.5	0.2	0.5%
46.9%	39.2	39.5	0.3	0.8%
48.1%	39.2	39.4	0.2	0.5%
49.4%	39.2	39.4	0.2	0.5%
50.6%	39.0	39.3	0.3	0.8%
51.9%	38.9	39.2	0.3	0.8%
53.1%	38.9	39.2	0.3	0.8%
54.3%	38.9	39.2	0.3	0.8%
55.6%	38.9	38.9	0.0	0.0%
56.8%	38.9	38.9	0.0	0.0%
58.0%	38.8	38.9	0.1	0.3%
59.3%	38.8	38.9	0.1	0.3%
60.5%	38.8	38.8	0.0	0.0%
61.7%	38.7	38.8	0.1	0.3%
63.0%	38.6	38.8	0.2	0.5%
64.2%	38.5	38.8	0.3	0.8%
65.4%	38.4	38.6	0.2	0.5%
66.7%	38.3	38.5	0.2	0.5%
67.9%	38.1	38.4	0.3	0.8%
69.1%	38.0	38.3	0.3	0.8%
70.4%	38.0	38.1	0.1	0.3%
71.6%	37.9	38.0	0.1	0.3%
72.8%	37.8	37.9	0.1	0.3%
74.1%	37.8	37.9	0.1	0.3%
75.3%	37.7	37.8	0.1	0.3%
76.5%	37.7	37.8	0.1	0.3%
77.8%	37.5	37.7	0.2	0.5%
79.0%	37.4	37.7	0.3	0.8%
80.2%	37.3	37.5	0.2	0.5%
81.5%	37.2	37.4	0.2	0.5%
82.7%	37.1	37.3	0.2	0.5%
84.0%	37.0	37.2	0.2	0.5%
85.2%	36.9	37.1	0.2	0.5%
86.4%	36.9	37.1	0.2	0.5%
87.7%	36.9	37.0	0.1	0.3%
88.9%	36.9	36.9	0.0	0.0%
90.1%	36.9	36.9	0.0	0.0%
91.4%	36.7	36.9	0.2	0.5%
92.6%	36.0	36.0	0.0	0.0%
93.8%	35.9	35.9	0.0	0.0%
95.1%	34.5	34.5	0.0	0.0%
96.3%	33.9	33.9	0.0	0.0%
97.5%	33.7	33.7	0.0	0.0%
98.8%	28.9	28.9	0.0	0.0%
100.0%	28.9	28.9	0.0	0.0%

Table SQ-34-3b

Trinity River at Douglas City, Monthly Temperature
Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	46.8	46.8	0.0	0.0%
1.2%	46.2	46.2	0.0	0.0%
2.5%	46.1	45.5	-0.6	-1.3%
3.7%	45.4	45.4	0.0	0.0%
4.9%	44.9	44.9	0.0	0.0%
6.2%	44.9	44.9	0.0	0.0%
7.4%	44.8	44.8	0.0	0.0%
8.6%	44.7	44.7	0.0	0.0%
9.9%	44.7	44.7	0.0	0.0%
11.1%	44.6	44.6	0.0	0.0%
12.3%	44.6	44.6	0.0	0.0%
13.6%	44.5	44.5	0.0	0.0%
14.8%	44.5	44.5	0.0	0.0%
16.0%	44.4	44.4	0.0	0.0%
17.3%	44.4	44.4	0.0	0.0%
18.5%	44.4	44.4	0.0	0.0%
19.8%	44.4	44.4	0.0	0.0%
21.0%	44.4	44.4	0.0	0.0%
22.2%	44.2	44.2	0.0	0.0%
23.5%	44.2	44.2	0.0	0.0%
24.7%	44.2	44.2	0.0	0.0%
25.9%	44.1	44.1	0.0	0.0%
27.2%	44.1	44.1	0.0	0.0%
28.4%	44.1	44.1	0.0	0.0%
29.6%	43.8	43.9	0.1	0.2%
30.9%	43.8	43.8	0.0	0.0%
32.1%	43.8	43.8	0.0	0.0%
33.3%	43.8	43.8	0.0	0.0%
34.6%	43.7	43.7	0.0	0.0%
35.8%	43.6	43.6	0.0	0.0%
37.0%	43.6	43.6	0.0	0.0%
38.3%	43.6	43.6	0.0	0.0%
39.5%	43.5	43.5	0.0	0.0%
40.7%	43.5	43.5	0.0	0.0%
42.0%	43.5	43.5	0.0	0.0%
43.2%	43.4	43.4	0.0	0.0%
44.4%	43.4	43.4	0.0	0.0%
45.7%	43.4	43.4	0.0	0.0%
46.9%	43.4	43.4	0.0	0.0%
48.1%	43.3	43.3	0.0	0.0%
49.4%	43.3	43.3	0.0	0.0%
50.6%	43.2	43.2	0.0	0.0%
51.9%	43.2	43.2	0.0	0.0%
53.1%	43.2	43.2	0.0	0.0%
54.3%	43.1	43.1	0.0	0.0%
55.6%	43.0	43.0	0.0	0.0%
56.8%	42.9	42.9	0.0	0.0%
58.0%	42.9	42.9	0.0	0.0%
59.3%	42.8	42.8	0.0	0.0%
60.5%	42.6	42.6	0.0	0.0%
61.7%	42.5	42.5	0.0	0.0%
63.0%	42.4	42.4	0.0	0.0%
64.2%	42.4	42.4	0.0	0.0%
65.4%	42.4	42.4	0.0	0.0%
66.7%	42.4	42.4	0.0	0.0%
67.9%	42.2	42.2	0.0	0.0%
69.1%	42.2	42.2	0.0	0.0%
70.4%	42.1	42.1	0.0	0.0%
71.6%	42.1	42.1	0.0	0.0%
72.8%	42.1	42.1	0.0	0.0%
74.1%	41.9	42.0	0.1	0.2%
75.3%	41.9	42.0	0.1	0.2%
76.5%	41.9	41.9	0.0	0.0%
77.8%	41.8	41.8	0.0	0.0%
79.0%	41.8	41.8	0.0	0.0%
80.2%	41.7	41.7	0.0	0.0%
81.5%	41.7	41.7	0.0	0.0%
82.7%	41.6	41.6	0.0	0.0%
84.0%	41.6	41.6	0.0	0.0%
85.2%	41.6	41.6	0.0	0.0%
86.4%	41.3	41.2	-0.1	-0.2%
87.7%	40.7	40.7	0.0	0.0%
88.9%	40.7	40.7	0.0	0.0%
90.1%	40.6	40.6	0.0	0.0%
91.4%	40.5	40.5	0.0	0.0%
92.6%	40.5	40.5	0.0	0.0%
93.8%	40.3	40.3	0.0	0.0%
95.1%	40.3	40.3	0.0	0.0%
96.3%	39.2	39.2	0.0	0.0%
97.5%	39.0	39.1	0.1	0.3%
98.8%	38.7	38.7	0.0	0.0%
100.0%	38.7	38.7	0.0	0.0%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	52.3	52.6	0.3	0.6%
1.2%	51.4	52.0	0.6	1.2%
2.5%	49.9	49.9	0.0	0.0%
3.7%	49.4	49.4	0.0	0.0%
4.9%	49.2	49.2	0.0	0.0%
6.2%	49.2	49.2	0.0	0.0%
7.4%	49.2	49.2	0.0	0.0%
8.6%	49.1	49.1	0.0	0.0%
9.9%	48.9	48.9	0.0	0.0%
11.1%	48.8	48.8	0.0	0.0%
12.3%	48.6	48.6	0.0	0.0%
13.6%	48.6	48.5	-0.1	-0.2%
14.8%	48.6	48.5	-0.1	-0.2%
16.0%	48.5	48.4	-0.1	-0.2%
17.3%	48.4	48.2	-0.2	-0.4%
18.5%	48.4	48.2	-0.2	-0.4%
19.8%	48.3	48.1	-0.2	-0.4%
21.0%	48.2	48.1	-0.1	-0.2%
22.2%	48.0	48.0	0.0	0.0%
23.5%	48.0	47.9	-0.1	-0.2%
24.7%	48.0	47.9	-0.1	-0.2%
25.9%	47.9	47.8	-0.1	-0.2%
27.2%	47.9	47.8	-0.1	-0.2%
28.4%	47.9	47.8	-0.1	-0.2%
29.6%	47.8	47.7	-0.1	-0.2%
30.9%	47.8	47.7	-0.1	-0.2%
32.1%	47.8	47.6	-0.2	-0.4%
33.3%	47.7	47.5	-0.2	-0.4%
34.6%	47.6	47.5	-0.1	-0.2%
35.8%	47.6	47.4	-0.2	-0.4%
37.0%	47.5	47.3	-0.2	-0.4%
38.3%	47.4	47.3	-0.1	-0.2%
39.5%	47.4	47.3	-0.1	-0.2%
40.7%	47.3	47.2	-0.1	-0.2%
42.0%	47.3	47.1	-0.2	-0.4%
43.2%	47.1	47.0	-0.1	-0.2%
44.4%	47.0	47.0	0.0	0.0%
45.7%	47.0	47.0	0.0	0.0%
46.9%	47.0	46.9	-0.1	-0.2%
48.1%	46.9	46.8	-0.1	-0.2%
49.4%	46.9	46.7	-0.2	-0.4%
50.6%	46.8	46.7	-0.1	-0.2%
51.9%	46.6	46.7	0.1	0.2%
53.1%	46.6	46.6	0.0	0.0%
54.3%	46.6	46.6	0.0	0.0%
55.6%	46.6	46.6	0.0	0.0%
56.8%	46.4	46.5	0.1	0.2%
58.0%	46.4	46.4	0.0	0.0%
59.3%	46.4	46.4	0.0	0.0%
60.5%	46.4	46.4	0.0	0.0%
61.7%	46.3	46.3	0.0	0.0%
63.0%	46.3	46.3	0.0	0.0%
64.2%	46.3	46.3	0.0	0.0%
65.4%	46.3	46.3	0.0	0.0%
66.7%	46.2	46.0	-0.2	-0.4%
67.9%	46.0	45.8	-0.2	-0.4%
69.1%	45.8	45.8	0.0	0.0%
70.4%	45.7	45.7	0.0	0.0%
71.6%	45.7	45.5	-0.2	-0.4%
72.8%	45.7	45.5	-0.2	-0.4%
74.1%	45.6	45.5	-0.1	-0.2%
75.3%	45.5	45.5	0.0	0.0%
76.5%	45.5	45.5	0.0	0.0%
77.8%	45.5	45.4	-0.1	-0.2%
79.0%	45.4	45.3	-0.1	-0.2%
80.2%	45.4	45.2	-0.2	-0.4%
81.5%	45.3	45.2	-0.1	-0.2%
82.7%	45.3	45.1	-0.2	-0.4%
84.0%	45.2	45.1	-0.1	-0.2%
85.2%	45.0	45.0	0.0	0.0%
86.4%	45.0	44.8	-0.2	-0.4%
87.7%	44.9	44.7	-0.2	-0.4%
88.9%	44.7	44.5	-0.2	-0.4%
90.1%	44.5	44.5	0.0	0.0%
91.4%	44.4	44.4	0.0	0.0%
92.6%	44.4	44.3	-0.1	-0.2%
93.8%	44.3	44.3	0.0	0.0%
95.1%	43.9	43.9	0.0	0.0%
96.3%	43.8	43.8	0.0	0.0%
97.5%	43.5	43.5	0.0	0.0%
98.8%	42.9	42.9	0.0	0.0%
100.0%	42.9	42.9	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.1	56.1	0.0	0.0%
1.2%	55.6	55.7	0.1	0.2%
2.5%	55.0	55.0	0.0	0.0%
3.7%	54.9	54.8	-0.1	-0.2%
4.9%	54.8	54.7	-0.1	-0.2%
6.2%	54.8	54.4	-0.4	-0.7%
7.4%	54.4	54.4	0.0	0.0%
8.6%	54.4	54.4	0.0	0.0%
9.9%	54.3	54.3	0.0	0.0%
11.1%	54.3	54.1	-0.2	-0.4%
12.3%	54.0	54.0	0.0	0.0%
13.6%	53.9	54.0	0.1	0.2%
14.8%	53.9	53.9	0.0	0.0%
16.0%	53.8	53.8	0.0	0.0%
17.3%	53.7	53.7	0.0	0.0%
18.5%	53.7	53.6	-0.1	-0.2%
19.8%	53.6	53.5	-0.1	-0.2%
21.0%	53.4	53.3	-0.1	-0.2%
22.2%	53.2	53.2	0.0	0.0%
23.5%	53.2	53.2	0.0	0.0%
24.7%	53.1	53.1	0.0	0.0%
25.9%	53.0	53.0	0.0	0.0%
27.2%	52.9	52.9	0.0	0.0%
28.4%	52.7	52.7	0.0	0.0%
29.6%	52.7	52.7	0.0	0.0%
30.9%	52.7	52.6	-0.1	-0.2%
32.1%	52.6	52.6	0.0	0.0%
33.3%	52.6	52.6	0.0	0.0%
34.6%	52.6	52.5	-0.1	-0.2%
35.8%	52.5	52.5	0.0	0.0%
37.0%	52.4	52.4	0.0	0.0%
38.3%	52.4	52.3	-0.1	-0.2%
39.5%	52.3	52.2	-0.1	-0.2%
40.7%	52.2	52.2	0.0	0.0%
42.0%	52.2	52.1	-0.1	-0.2%
43.2%	52.1	52.1	0.0	0.0%
44.4%	52.1	52.0	-0.1	-0.2%
45.7%	52.0	51.9	-0.1	-0.2%
46.9%	51.9	51.8	-0.1	-0.2%
48.1%	51.9	51.7	-0.2	-0.4%
49.4%	51.7	51.7	0.0	0.0%
50.6%	51.6	51.7	0.1	0.2%
51.9%	51.6	51.6	0.0	0.0%
53.1%	51.6	51.6	0.0	0.0%
54.3%	51.5	51.5	0.0	0.0%
55.6%	51.4	51.4	0.0	0.0%
56.8%	51.4	51.4	0.0	0.0%
58.0%	51.3	51.3	0.0	0.0%
59.3%	51.3	51.3	0.0	0.0%
60.5%	51.3	51.3	0.0	0.0%
61.7%	51.3	51.3	0.0	0.0%
63.0%	51.2	51.3	0.1	0.2%
64.2%	51.2	51.2	0.0	0.0%
65.4%	51.1	51.2	0.1	0.2%
66.7%	51.0	51.1	0.1	0.2%
67.9%	50.9	50.9	0.0	0.0%
69.1%	50.9	50.9	0.0	0.0%
70.4%	50.9	50.8	-0.1	-0.2%
71.6%	50.9	50.8	-0.1	-0.2%
72.8%	50.9	50.8	-0.1	-0.2%
74.1%	50.8	50.8	0.0	0.0%
75.3%	50.6	50.7	0.1	0.2%
76.5%	50.5	50.5	0.0	0.0%
77.8%	50.5	50.4	-0.1	-0.2%
79.0%	50.4	50.2	-0.2	-0.4%
80.2%	50.4	50.2	-0.2	-0.4%
81.5%	50.3	50.0	-0.3	-0.6%
82.7%	50.2	50.0	-0.2	-0.4%
84.0%	50.2	50.0	-0.2	-0.4%
85.2%	50.2	49.9	-0.3	-0.6%
86.4%	49.9	49.7	-0.2	-0.4%
87.7%	49.7	49.4	-0.3	-0.6%
88.9%	49.5	49.4	-0.1	-0.2%
90.1%	49.4	49.3	-0.1	-0.2%
91.4%	49.4	49.1	-0.3	-0.6%
92.6%	48.7	48.7	0.0	0.0%
93.8%	48.6	48.6	0.0	0.0%
95.1%	48.4	48.4	0.0	0.0%
96.3%	48.4	48.4	0.0	0.0%
97.5%	48.3	48.4	0.1	0.2%
98.8%	47.5	47.5	0.0	0.0%
100.0%	47.5	47.5	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.0	56.0	0.0	0.0%
1.2%	55.9	55.9	0.0	0.0%
2.5%	53.6	53.5	-0.1	-0.2%
3.7%	52.8	53.0	0.2	0.4%
4.9%	52.7	52.7	0.0	0.0%
6.2%	52.6	52.7	0.1	0.2%
7.4%	52.3	52.4	0.1	0.2%
8.6%	52.1	52.3	0.2	0.4%
9.9%	51.4	52.0	0.6	1.2%
11.1%	51.1	51.1	0.0	0.0%
12.3%	51.1	51.0	-0.1	-0.2%
13.6%	50.9	50.9	0.0	0.0%
14.8%	50.8	50.3	-0.5	-1.0%
16.0%	50.3	50.2	-0.1	-0.2%
17.3%	50.2	50.0	-0.2	-0.4%
18.5%	50.1	50.0	-0.1	-0.2%
19.8%	50.0	49.9	-0.1	-0.2%
21.0%	49.9	49.8	-0.1	-0.2%
22.2%	49.9	49.8	-0.1	-0.2%
23.5%	49.8	49.7	-0.1	-0.2%
24.7%	49.8	49.7	-0.1	-0.2%
25.9%	49.5	49.5	0.0	0.0%
27.2%	49.5	49.5	0.0	0.0%
28.4%	49.5	49.5	0.0	0.0%
29.6%	49.3	49.3	0.0	0.0%
30.9%	49.3	49.3	0.0	0.0%
32.1%	49.3	49.3	0.0	0.0%
33.3%	49.3	49.3	0.0	0.0%
34.6%	49.3	49.2	-0.1	-0.2%
35.8%	49.2	49.2	0.0	0.0%
37.0%	49.2	49.0	-0.2	-0.4%
38.3%	49.0	48.9	-0.1	-0.2%
39.5%	48.9	48.8	-0.1	-0.2%
40.7%	48.8	48.8	0.0	0.0%
42.0%	48.8	48.8	0.0	0.0%
43.2%	48.8	48.7	-0.1	-0.2%
44.4%	48.7	48.7	0.0	0.0%
45.7%	48.6	48.6	0.0	0.0%
46.9%	48.6	48.5	-0.1	-0.2%
48.1%	48.6	48.5	-0.1	-0.2%
49.4%	48.3	48.3	0.0	0.0%
50.6%	48.3	48.2	-0.1	-0.2%
51.9%	48.2	48.2	0.0	0.0%
53.1%	48.2	48.1	-0.1	-0.2%
54.3%	48.1	48.1	0.0	0.0%
55.6%	48.1	48.0	-0.1	-0.2%
56.8%	48.0	47.9	-0.1	-0.2%
58.0%	47.9	47.9	0.0	0.0%
59.3%	47.9	47.9	0.0	0.0%
60.5%	47.9	47.8	-0.1	-0.2%
61.7%	47.8	47.7	-0.1	-0.2%
63.0%	47.7	47.7	0.0	0.0%
64.2%	47.7	47.7	0.0	0.0%
65.4%	47.7	47.7	0.0	0.0%
66.7%	47.7	47.7	0.0	0.0%
67.9%	47.7	47.7	0.0	0.0%
69.1%	47.6	47.6	0.0	0.0%
70.4%	47.6	47.6	0.0	0.0%
71.6%	47.6	47.6	0.0	0.0%
72.8%	47.6	47.5	-0.1	-0.2%
74.1%	47.5	47.5	0.0	0.0%
75.3%	47.5	47.5	0.0	0.0%
76.5%	47.4	47.5	0.1	0.2%
77.8%	47.3	47.4	0.1	0.2%
79.0%	47.2	47.3	0.1	0.2%
80.2%	47.2	47.2	0.0	0.0%
81.5%	47.1	47.1	0.0	0.0%
82.7%	47.1	47.1	0.0	0.0%
84.0%	47.1	46.9	-0.2	-0.4%
85.2%	46.9	46.9	0.0	0.0%
86.4%	46.9	46.9	0.0	0.0%
87.7%	46.8	46.9	0.1	0.2%
88.9%	46.8	46.9	0.1	0.2%
90.1%	46.7	46.6	-0.1	-0.2%
91.4%	46.5	46.5	0.0	0.0%
92.6%	46.4	46.5	0.1	0.2%
93.8%	46.4	46.4	0.0	0.0%
95.1%	46.4	46.1	-0.3	-0.6%
96.3%	46.1	45.7	-0.4	-0.9%
97.5%	45.5	45.5	0.0	0.0%
98.8%	45.3	45.4	0.1	0.2%
100.0%	45.3	45.4	0.1	0.2%

Table SQ-34-3b

Trinity River at Douglas City, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	64.8	64.8	0.0	0.0%
1.2%	63.2	62.8	-0.4	-0.6%
2.5%	62.8	62.6	-0.2	-0.3%
3.7%	62.1	62.1	0.0	0.0%
4.9%	62.0	62.0	0.0	0.0%
6.2%	61.5	61.5	0.0	0.0%
7.4%	61.3	61.0	-0.3	-0.5%
8.6%	61.1	60.9	-0.2	-0.3%
9.9%	60.4	60.9	0.5	0.8%
11.1%	60.3	60.3	0.0	0.0%
12.3%	60.1	60.2	0.1	0.2%
13.6%	59.6	60.1	0.5	0.8%
14.8%	59.1	59.6	0.5	0.8%
16.0%	59.0	59.1	0.1	0.2%
17.3%	59.0	59.0	0.0	0.0%
18.5%	58.8	59.0	0.2	0.3%
19.8%	58.4	58.7	0.3	0.5%
21.0%	57.9	58.3	0.4	0.7%
22.2%	57.6	57.6	0.0	0.0%
23.5%	57.6	57.2	-0.4	-0.7%
24.7%	57.3	57.2	-0.1	-0.2%
25.9%	57.2	57.1	-0.1	-0.2%
27.2%	57.2	57.0	-0.2	-0.3%
28.4%	57.1	56.8	-0.3	-0.5%
29.6%	57.0	56.7	-0.3	-0.5%
30.9%	57.0	56.6	-0.4	-0.7%
32.1%	56.8	56.5	-0.3	-0.5%
33.3%	56.7	56.5	-0.2	-0.4%
34.6%	56.4	56.2	-0.2	-0.4%
35.8%	55.8	55.8	0.0	0.0%
37.0%	55.7	55.3	-0.4	-0.7%
38.3%	55.3	55.3	0.0	0.0%
39.5%	55.2	55.2	0.0	0.0%
40.7%	54.8	55.1	0.3	0.5%
42.0%	54.6	54.8	0.2	0.4%
43.2%	54.6	54.6	0.0	0.0%
44.4%	54.5	54.6	0.1	0.2%
45.7%	54.5	54.5	0.0	0.0%
46.9%	54.5	54.5	0.0	0.0%
48.1%	54.3	54.5	0.2	0.4%
49.4%	54.2	54.3	0.1	0.2%
50.6%	54.2	54.2	0.0	0.0%
51.9%	54.1	54.2	0.1	0.2%
53.1%	54.0	54.2	0.2	0.4%
54.3%	54.0	54.2	0.2	0.4%
55.6%	53.9	53.9	0.0	0.0%
56.8%	53.9	53.8	-0.1	-0.2%
58.0%	53.8	53.8	0.0	0.0%
59.3%	53.5	53.5	0.0	0.0%
60.5%	53.5	53.5	0.0	0.0%
61.7%	53.5	53.4	-0.1	-0.2%
63.0%	53.4	53.2	-0.2	-0.4%
64.2%	53.2	53.2	0.0	0.0%
65.4%	53.1	53.1	0.0	0.0%
66.7%	53.1	53.1	0.0	0.0%
67.9%	53.1	53.1	0.0	0.0%
69.1%	53.0	53.0	0.0	0.0%
70.4%	53.0	53.0	0.0	0.0%
71.6%	52.8	52.8	0.0	0.0%
72.8%	52.8	52.8	0.0	0.0%
74.1%	52.7	52.7	0.0	0.0%
75.3%	52.6	52.6	0.0	0.0%
76.5%	52.6	52.6	0.0	0.0%
77.8%	52.5	52.5	0.0	0.0%
79.0%	52.5	52.4	-0.1	-0.2%
80.2%	52.1	52.1	0.0	0.0%
81.5%	51.6	51.6	0.0	0.0%
82.7%	50.9	51.0	0.1	0.2%
84.0%	50.3	50.3	0.0	0.0%
85.2%	50.1	50.1	0.0	0.0%
86.4%	49.9	49.9	0.0	0.0%
87.7%	49.8	49.8	0.0	0.0%
88.9%	49.8	49.6	-0.2	-0.4%
90.1%	49.5	49.5	0.0	0.0%
91.4%	49.4	49.4	0.0	0.0%
92.6%	49.2	49.3	0.1	0.2%
93.8%	48.2	48.2	0.0	0.0%
95.1%	47.8	47.8	0.0	0.0%
96.3%	47.6	47.6	0.0	0.0%
97.5%	47.2	47.2	0.0	0.0%
98.8%	46.8	46.9	0.1	0.2%
100.0%	46.8	46.9	0.1	0.2%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.1	65.7	-0.4	-0.6%
1.2%	65.3	64.3	-1.0	-1.5%
2.5%	64.5	63.5	-1.0	-1.6%
3.7%	63.8	63.0	-0.8	-1.3%
4.9%	62.9	62.9	0.0	0.0%
6.2%	62.7	62.6	-0.1	-0.2%
7.4%	62.6	62.6	0.0	0.0%
8.6%	62.6	62.6	0.0	0.0%
9.9%	62.6	62.5	-0.1	-0.2%
11.1%	62.5	62.5	0.0	0.0%
12.3%	62.0	62.5	0.5	0.8%
13.6%	61.9	62.1	0.2	0.3%
14.8%	61.8	62.0	0.2	0.3%
16.0%	61.7	61.9	0.2	0.3%
17.3%	61.5	61.5	0.0	0.0%
18.5%	61.4	61.3	-0.1	-0.2%
19.8%	61.3	61.2	-0.1	-0.2%
21.0%	61.2	61.0	-0.2	-0.3%
22.2%	61.1	60.9	-0.2	-0.3%
23.5%	60.8	60.8	0.0	0.0%
24.7%	60.8	60.7	-0.1	-0.2%
25.9%	60.7	60.6	-0.1	-0.2%
27.2%	60.3	60.5	0.2	0.3%
28.4%	60.1	60.3	0.2	0.3%
29.6%	60.0	60.1	0.1	0.2%
30.9%	60.0	60.1	0.1	0.2%
32.1%	59.9	60.0	0.1	0.2%
33.3%	59.7	59.7	0.0	0.0%
34.6%	59.7	59.7	0.0	0.0%
35.8%	59.6	59.7	0.1	0.2%
37.0%	59.4	59.2	-0.2	-0.3%
38.3%	59.3	59.2	-0.1	-0.2%
39.5%	59.0	59.0	0.0	0.0%
40.7%	58.9	58.9	0.0	0.0%
42.0%	58.9	58.8	-0.1	-0.2%
43.2%	58.8	58.7	-0.1	-0.2%
44.4%	58.7	58.5	-0.2	-0.3%
45.7%	58.5	58.5	0.0	0.0%
46.9%	58.5	58.5	0.0	0.0%
48.1%	58.5	58.5	0.0	0.0%
49.4%	58.4	58.4	0.0	0.0%
50.6%	58.2	58.1	-0.1	-0.2%
51.9%	58.1	58.0	-0.1	-0.2%
53.1%	58.0	58.0	0.0	0.0%
54.3%	58.0	58.0	0.0	0.0%
55.6%	57.9	57.9	0.0	0.0%
56.8%	57.8	57.8	0.0	0.0%
58.0%	57.8	57.8	0.0	0.0%
59.3%	57.7	57.7	0.0	0.0%
60.5%	57.5	57.5	0.0	0.0%
61.7%	57.4	57.4	0.0	0.0%
63.0%	57.4	57.4	0.0	0.0%
64.2%	57.4	57.4	0.0	0.0%
65.4%	57.3	57.3	0.0	0.0%
66.7%	57.2	57.2	0.0	0.0%
67.9%	57.2	57.2	0.0	0.0%
69.1%	57.1	57.1	0.0	0.0%
70.4%	57.1	57.1	0.0	0.0%
71.6%	57.0	57.0	0.0	0.0%
72.8%	57.0	57.0	0.0	0.0%
74.1%	56.9	56.9	0.0	0.0%
75.3%	56.7	56.8	0.1	0.2%
76.5%	56.7	56.7	0.0	0.0%
77.8%	56.6	56.7	0.1	0.2%
79.0%	56.4	56.4	0.0	0.0%
80.2%	56.2	56.1	-0.1	-0.2%
81.5%	56.1	56.0	-0.1	-0.2%
82.7%	56.0	56.0	0.0	0.0%
84.0%	56.0	55.9	-0.1	-0.2%
85.2%	55.9	55.6	-0.3	-0.5%
86.4%	55.6	55.5	-0.1	-0.2%
87.7%	55.5	55.4	-0.1	-0.2%
88.9%	55.4	55.3	-0.1	-0.2%
90.1%	55.1	55.1	0.0	0.0%
91.4%	55.0	55.0	0.0	0.0%
92.6%	54.6	54.6	0.0	0.0%
93.8%	54.6	54.5	-0.1	-0.2%
95.1%	54.2	54.2	0.0	0.0%
96.3%	54.1	54.2	0.1	0.2%
97.5%	51.4	51.4	0.0	0.0%
98.8%	49.7	49.7	0.0	0.0%
100.0%	49.7	49.7	0.0	0.0%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.8	66.9	-0.9	-1.3%
1.2%	66.9	64.8	-2.1	-3.1%
2.5%	65.5	64.2	-1.3	-2.0%
3.7%	64.2	63.8	-0.4	-0.6%
4.9%	64.2	63.1	-1.1	-1.7%
6.2%	63.1	62.5	-0.6	-1.0%
7.4%	62.7	62.5	-0.2	-0.3%
8.6%	62.6	62.4	-0.2	-0.3%
9.9%	62.4	62.0	-0.4	-0.6%
11.1%	62.3	61.7	-0.6	-1.0%
12.3%	62.1	61.7	-0.4	-0.6%
13.6%	61.7	61.7	0.0	0.0%
14.8%	61.7	61.2	-0.5	-0.8%
16.0%	61.3	60.9	-0.4	-0.7%
17.3%	60.9	60.9	0.0	0.0%
18.5%	60.8	60.7	-0.1	-0.2%
19.8%	60.7	60.5	-0.2	-0.3%
21.0%	60.5	60.3	-0.2	-0.3%
22.2%	60.4	60.3	-0.1	-0.2%
23.5%	60.4	60.2	-0.2	-0.3%
24.7%	60.3	60.1	-0.2	-0.3%
25.9%	60.3	60.1	-0.2	-0.3%
27.2%	60.1	60.1	0.0	0.0%
28.4%	60.1	60.1	0.0	0.0%
29.6%	60.1	59.9	-0.2	-0.3%
30.9%	59.9	59.8	-0.1	-0.2%
32.1%	59.9	59.7	-0.2	-0.3%
33.3%	59.8	59.7	-0.1	-0.2%
34.6%	59.8	59.7	-0.1	-0.2%
35.8%	59.7	59.6	-0.1	-0.2%
37.0%	59.6	59.6	0.0	0.0%
38.3%	59.6	59.6	0.0	0.0%
39.5%	59.5	59.5	0.0	0.0%
40.7%	59.5	59.4	-0.1	-0.2%
42.0%	59.4	59.4	0.0	0.0%
43.2%	59.4	59.4	0.0	0.0%
44.4%	59.4	59.4	0.0	0.0%
45.7%	59.4	59.3	-0.1	-0.2%
46.9%	59.3	59.3	0.0	0.0%
48.1%	59.2	59.0	-0.2	-0.3%
49.4%	59.2	59.0	-0.2	-0.3%
50.6%	59.1	59.0	-0.1	-0.2%
51.9%	59.0	58.9	-0.1	-0.2%
53.1%	58.9	58.9	0.0	0.0%
54.3%	58.9	58.9	0.0	0.0%
55.6%	58.9	58.7	-0.2	-0.3%
56.8%	58.7	58.7	0.0	0.0%
58.0%	58.7	58.6	-0.1	-0.2%
59.3%	58.6	58.5	-0.1	-0.2%
60.5%	58.6	58.5	-0.1	-0.2%
61.7%	58.5	58.5	0.0	0.0%
63.0%	58.5	58.5	0.0	0.0%
64.2%	58.5	58.5	0.0	0.0%
65.4%	58.5	58.4	-0.1	-0.2%
66.7%	58.4	58.4	0.0	0.0%
67.9%	58.4	58.3	-0.1	-0.2%
69.1%	58.3	58.3	0.0	0.0%
70.4%	58.3	58.2	-0.1	-0.2%
71.6%	58.2	58.2	0.0	0.0%
72.8%	58.2	58.2	0.0	0.0%
74.1%	58.2	58.2	0.0	0.0%
75.3%	58.1	58.2	0.1	0.2%
76.5%	58.1	58.1	0.0	0.0%
77.8%	58.1	58.0	-0.1	-0.2%
79.0%	58.0	57.8	-0.2	-0.3%
80.2%	58.0	57.8	-0.2	-0.3%
81.5%	57.9	57.6	-0.3	-0.5%
82.7%	57.5	57.5	0.0	0.0%
84.0%	57.4	57.2	-0.2	-0.3%
85.2%	57.2	57.1	-0.1	-0.2%
86.4%	57.1	57.1	0.0	0.0%
87.7%	57.0	57.1	0.1	0.2%
88.9%	56.9	57.1	0.2	0.4%
90.1%	56.9	57.1	0.2	0.4%
91.4%	56.8	56.8	0.0	0.0%
92.6%	56.4	56.5	0.1	0.2%
93.8%	56.3	56.4	0.1	0.2%
95.1%	56.3	56.3	0.0	0.0%
96.3%	56.1	56.1	0.0	0.0%
97.5%	55.1	55.9	0.8	1.5%
98.8%	54.5	55.1	0.6	1.1%
100.0%	54.5	55.1	0.6	1.1%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.3	64.2	-2.1	-3.2%
1.2%	65.5	62.4	-3.1	-4.7%
2.5%	62.4	61.3	-1.1	-1.8%
3.7%	61.8	61.3	-0.5	-0.8%
4.9%	61.3	60.2	-1.1	-1.8%
6.2%	60.7	59.4	-1.3	-2.1%
7.4%	60.3	59.0	-1.3	-2.2%
8.6%	59.8	58.4	-1.4	-2.3%
9.9%	58.5	58.1	-0.4	-0.7%
11.1%	57.8	58.0	0.2	0.3%
12.3%	57.8	57.4	-0.4	-0.7%
13.6%	57.7	57.4	-0.3	-0.5%
14.8%	57.5	56.9	-0.6	-1.0%
16.0%	57.1	56.9	-0.2	-0.4%
17.3%	57.0	56.6	-0.4	-0.7%
18.5%	56.6	56.6	0.0	0.0%
19.8%	56.6	56.5	-0.1	-0.2%
21.0%	56.6	56.3	-0.3	-0.5%
22.2%	56.3	56.2	-0.1	-0.2%
23.5%	56.3	56.2	-0.1	-0.2%
24.7%	55.9	56.2	0.3	0.5%
25.9%	55.9	55.9	0.0	0.0%
27.2%	55.9	55.8	-0.1	-0.2%
28.4%	55.8	55.8	0.0	0.0%
29.6%	55.8	55.8	0.0	0.0%
30.9%	55.7	55.7	0.0	0.0%
32.1%	55.5	55.7	0.2	0.4%
33.3%	55.4	55.6	0.2	0.4%
34.6%	55.4	55.5	0.1	0.2%
35.8%	55.4	55.5	0.1	0.2%
37.0%	55.4	55.4	0.0	0.0%
38.3%	55.3	55.4	0.1	0.2%
39.5%	55.3	55.4	0.1	0.2%
40.7%	55.3	55.4	0.1	0.2%
42.0%	55.2	55.4	0.2	0.4%
43.2%	55.2	55.2	0.0	0.0%
44.4%	55.1	55.2	0.1	0.2%
45.7%	55.0	55.2	0.2	0.4%
46.9%	55.0	55.1	0.1	0.2%
48.1%	54.9	55.0	0.1	0.2%
49.4%	54.9	54.9	0.0	0.0%
50.6%	54.8	54.9	0.1	0.2%
51.9%	54.8	54.9	0.1	0.2%
53.1%	54.8	54.9	0.1	0.2%
54.3%	54.8	54.8	0.0	0.0%
55.6%	54.7	54.8	0.1	0.2%
56.8%	54.7	54.8	0.1	0.2%
58.0%	54.7	54.7	0.0	0.0%
59.3%	54.6	54.6	0.0	0.0%
60.5%	54.6	54.6	0.0	0.0%
61.7%	54.6	54.5	-0.1	-0.2%
63.0%	54.6	54.5	-0.1	-0.2%
64.2%	54.5	54.4	-0.1	-0.2%
65.4%	54.4	54.4	0.0	0.0%
66.7%	54.3	54.3	0.0	0.0%
67.9%	54.3	54.3	0.0	0.0%
69.1%	54.3	54.2	-0.1	-0.2%
70.4%	54.1	54.1	0.0	0.0%
71.6%	54.1	54.0	-0.1	-0.2%
72.8%	54.0	54.0	0.0	0.0%
74.1%	54.0	54.0	0.0	0.0%
75.3%	54.0	54.0	0.0	0.0%
76.5%	53.9	53.9	0.0	0.0%
77.8%	53.9	53.7	-0.2	-0.4%
79.0%	53.8	53.7	-0.1	-0.2%
80.2%	53.7	53.7	0.0	0.0%
81.5%	53.7	53.7	0.0	0.0%
82.7%	53.6	53.6	0.0	0.0%
84.0%	53.6	53.6	0.0	0.0%
85.2%	53.6	53.5	-0.1	-0.2%
86.4%	53.3	53.3	0.0	0.0%
87.7%	53.3	53.3	0.0	0.0%
88.9%	53.2	53.1	-0.1	-0.2%
90.1%	53.0	53.0	0.0	0.0%
91.4%	53.0	53.0	0.0	0.0%
92.6%	53.0	53.0	0.0	0.0%
93.8%	53.0	53.0	0.0	0.0%
95.1%	52.6	52.2	-0.4	-0.8%
96.3%	52.3	52.2	-0.1	-0.2%
97.5%	51.5	51.6	0.1	0.2%
98.8%	50.9	50.7	-0.2	-0.4%
100.0%	50.9	50.7	-0.2	-0.4%

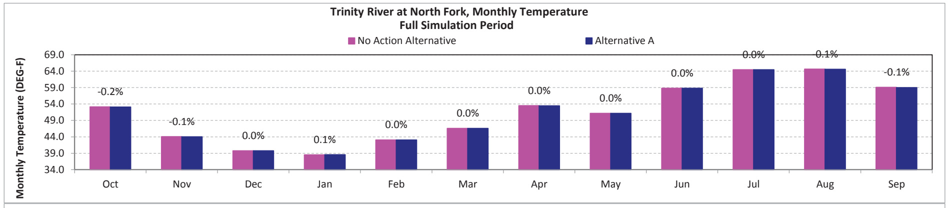
Table SQ-35-3a
Trinity River at North Fork, Monthly Temperature
Long-term Average and Average by Water Year Type

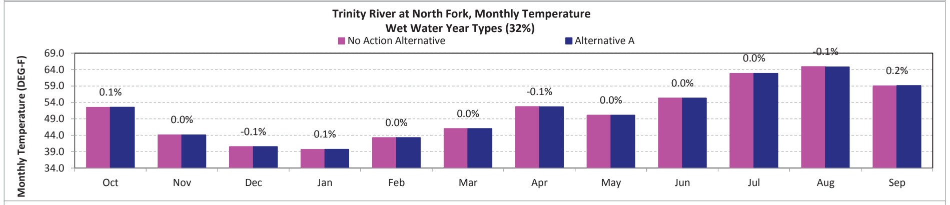
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	53.2	44.1	39.8	38.5	43.1	46.6	53.5	51.2	58.8	64.5	64.6	59.1
Alternative A	53.1	44.0	39.8	38.6	43.0	46.6	53.5	51.2	58.8	64.4	64.6	59.0
Difference	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1
Percent Difference[3]	-0.2%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	52.5	44.1	40.5	39.6	43.3	46.0	52.7	50.1	55.3	62.8	64.9	59.0
Alternative A	52.5	44.1	40.5	39.7	43.3	46.0	52.7	50.1	55.3	62.8	64.8	59.1
Difference	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1
Percent Difference	0.1%	0.0%	-0.1%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.2%
Above Normal (15%)												
No Action Alternative	52.5	42.8	39.6	38.3	43.1	46.4	53.5	50.3	57.8	63.4	64.1	58.3
Alternative A	52.5	42.7	39.5	38.3	43.1	46.4	53.5	50.3	57.7	63.1	64.0	58.3
Difference	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.3	-0.1	0.0
Percent Difference	0.0%	-0.2%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.5%	-0.1%	0.0%
Below Normal (17%)												
No Action Alternative	53.6	44.4	39.5	37.9	42.6	46.5	53.9	50.9	59.5	64.9	64.9	59.5
Alternative A	53.5	44.4	39.6	37.9	42.6	46.5	53.9	50.9	59.5	64.9	64.9	59.4
Difference	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Percent Difference	-0.2%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%
Dry (22%)												
No Action Alternative	53.0	44.2	39.8	37.7	42.8	46.9	54.0	51.5	61.5	65.2	63.9	58.5
Alternative A	52.9	44.1	39.8	37.8	42.8	46.9	53.9	51.5	61.5	65.2	64.0	58.4
Difference	-0.1	-0.1	0.0	0.1	0.0	0.0	-0.1	0.0	0.0	-0.1	0.2	-0.1
Percent Difference	-0.2%	-0.2%	0.0%	0.2%	0.0%	-0.1%	-0.1%	0.0%	0.1%	-0.1%	0.3%	-0.1%
Critical (15%)												
No Action Alternative	54.9	44.6	38.5	38.3	43.4	47.5	54.0	54.3	63.2	67.8	65.4	60.6
Alternative A	54.6	44.6	38.6	38.4	43.4	47.5	54.1	54.2	63.2	67.9	64.9	60.0
Difference	-0.3	0.0	0.1	0.1	0.0	0.0	0.0	-0.2	0.0	0.1	-0.5	-0.6
Percent Difference	-0.6%	0.0%	0.2%	0.2%	0.0%	-0.1%	0.1%	-0.3%	-0.1%	0.2%	-0.7%	-1.0%

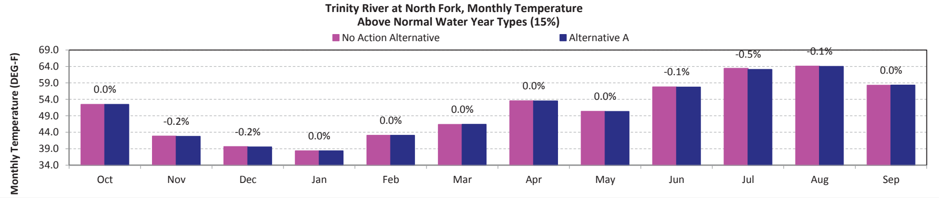
1 Based on the 82-year simulation period

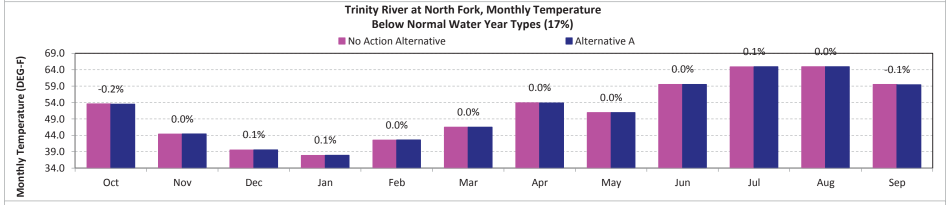
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

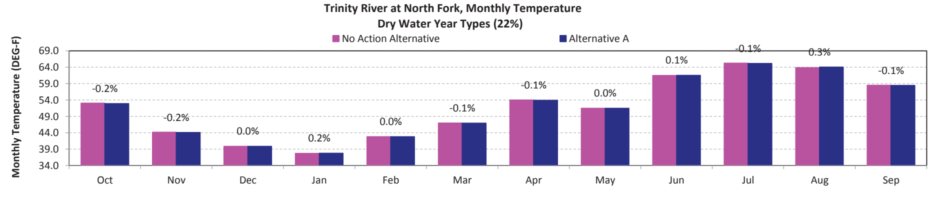
3 Relative difference of the monthly average


Trinity River at North Fork, Monthly Temperature
Full Simulation Period


Trinity River at North Fork, Monthly Temperature
Wet Water Year Types (32%)


Trinity River at North Fork, Monthly Temperature
Above Normal Water Year Types (15%)


Trinity River at North Fork, Monthly Temperature
Below Normal Water Year Types (17%)


Trinity River at North Fork, Monthly Temperature
Dry Water Year Types (22%)

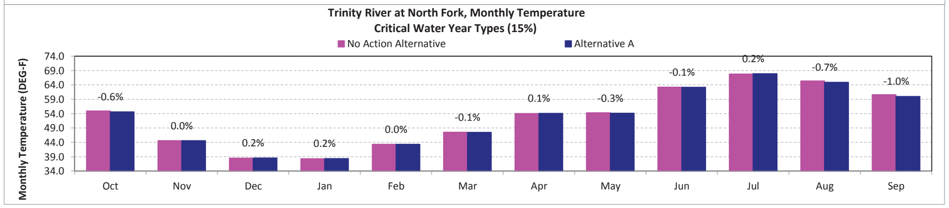

Trinity River at North Fork, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-35-3b
Trinity River at North Fork, Monthly Temperature
Probability of Exceedance

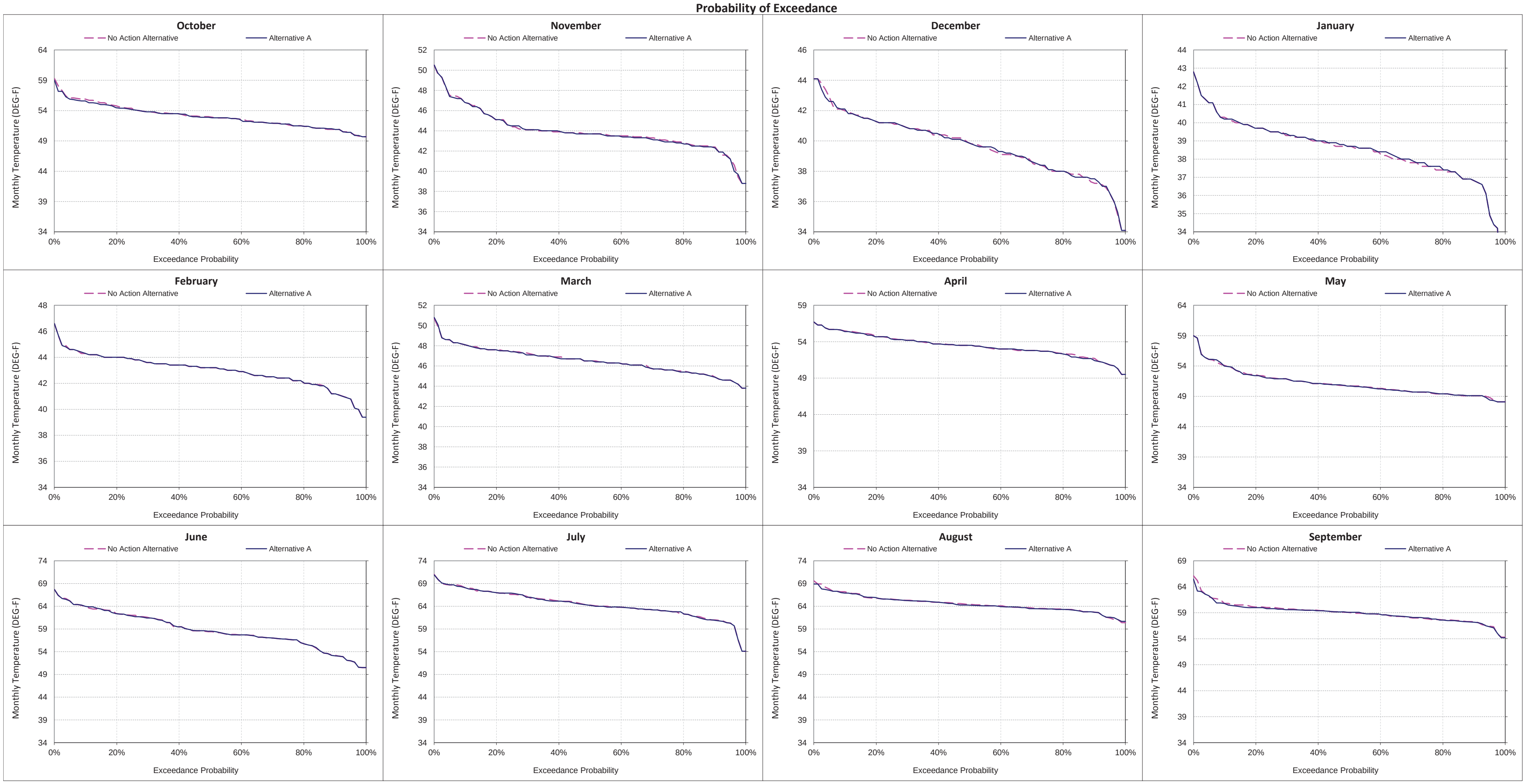


Table SQ-35-3b

Trinity River at North Fork, Monthly Temperature
Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.3	59.0	-0.3	-0.5%
1.2%	58.1	57.2	-0.9	-1.5%
2.5%	57.3	57.2	-0.1	-0.2%
3.7%	56.4	56.3	-0.1	-0.2%
4.9%	56.1	55.9	-0.2	-0.4%
6.2%	56.1	55.8	-0.3	-0.5%
7.4%	56.0	55.7	-0.3	-0.5%
8.6%	55.9	55.6	-0.3	-0.5%
9.9%	55.9	55.6	-0.3	-0.5%
11.1%	55.7	55.3	-0.4	-0.7%
12.3%	55.7	55.3	-0.4	-0.7%
13.6%	55.5	55.2	-0.3	-0.5%
14.8%	55.3	55.0	-0.3	-0.5%
16.0%	55.3	55.0	-0.3	-0.5%
17.3%	55.0	54.9	-0.1	-0.2%
18.5%	54.9	54.8	-0.1	-0.2%
19.8%	54.8	54.5	-0.3	-0.5%
21.0%	54.6	54.4	-0.2	-0.4%
22.2%	54.5	54.4	-0.1	-0.2%
23.5%	54.4	54.3	-0.1	-0.2%
24.7%	54.4	54.2	-0.2	-0.4%
25.9%	54.1	54.1	0.0	0.0%
27.2%	54.0	54.0	0.0	0.0%
28.4%	53.9	53.9	0.0	0.0%
29.6%	53.8	53.8	0.0	0.0%
30.9%	53.8	53.8	0.0	0.0%
32.1%	53.7	53.8	0.1	0.2%
33.3%	53.6	53.6	0.0	0.0%
34.6%	53.6	53.5	-0.1	-0.2%
35.8%	53.6	53.5	-0.1	-0.2%
37.0%	53.5	53.5	0.0	0.0%
38.3%	53.5	53.5	0.0	0.0%
39.5%	53.5	53.5	0.0	0.0%
40.7%	53.4	53.4	0.0	0.0%
42.0%	53.2	53.4	0.2	0.4%
43.2%	53.1	53.1	0.0	0.0%
44.4%	53.1	53.0	-0.1	-0.2%
45.7%	53.1	53.0	-0.1	-0.2%
46.9%	53.0	52.9	-0.1	-0.2%
48.1%	53.0	52.9	-0.1	-0.2%
49.4%	53.0	52.9	-0.1	-0.2%
50.6%	52.9	52.8	-0.1	-0.2%
51.9%	52.8	52.8	0.0	0.0%
53.1%	52.8	52.8	0.0	0.0%
54.3%	52.8	52.8	0.0	0.0%
55.6%	52.8	52.8	0.0	0.0%
56.8%	52.7	52.7	0.0	0.0%
58.0%	52.7	52.7	0.0	0.0%
59.3%	52.6	52.6	0.0	0.0%
60.5%	52.6	52.2	-0.4	-0.8%
61.7%	52.3	52.2	-0.1	-0.2%
63.0%	52.3	52.2	-0.1	-0.2%
64.2%	52.2	52.1	-0.1	-0.2%
65.4%	52.1	52.1	0.0	0.0%
66.7%	52.1	52.1	0.0	0.0%
67.9%	52.0	52.0	0.0	0.0%
69.1%	52.0	51.9	-0.1	-0.2%
70.4%	51.9	51.9	0.0	0.0%
71.6%	51.9	51.9	0.0	0.0%
72.8%	51.9	51.8	-0.1	-0.2%
74.1%	51.8	51.8	0.0	0.0%
75.3%	51.6	51.8	0.2	0.4%
76.5%	51.5	51.5	0.0	0.0%
77.8%	51.5	51.5	0.0	0.0%
79.0%	51.5	51.5	0.0	0.0%
80.2%	51.4	51.4	0.0	0.0%
81.5%	51.4	51.4	0.0	0.0%
82.7%	51.2	51.2	0.0	0.0%
84.0%	51.1	51.1	0.0	0.0%
85.2%	51.1	51.1	0.0	0.0%
86.4%	51.0	51.1	0.1	0.2%
87.7%	50.9	51.0	0.1	0.2%
88.9%	50.9	51.0	0.1	0.2%
90.1%	50.9	50.9	0.0	0.0%
91.4%	50.9	50.9	0.0	0.0%
92.6%	50.5	50.5	0.0	0.0%
93.8%	50.5	50.4	-0.1	-0.2%
95.1%	50.3	50.4	0.1	0.2%
96.3%	50.0	49.9	-0.1	-0.2%
97.5%	49.8	49.9	0.1	0.2%
98.8%	49.7	49.7	0.0	0.0%
100.0%	49.7	49.7	0.0	0.0%

November				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.5	50.5	0.0	0.0%
1.2%	49.6	49.7	0.1	0.2%
2.5%	49.3	49.3	0.0	0.0%
3.7%	48.3	48.4	0.1	0.2%
4.9%	47.5	47.4	-0.1	-0.2%
6.2%	47.5	47.3	-0.2	-0.4%
7.4%	47.4	47.2	-0.2	-0.4%
8.6%	47.2	47.2	0.0	0.0%
9.9%	46.8	46.8	0.0	0.0%
11.1%	46.7	46.7	0.0	0.0%
12.3%	46.5	46.4	-0.1	-0.2%
13.6%	46.5	46.4	-0.1	-0.2%
14.8%	46.2	46.2	0.0	0.0%
16.0%	45.7	45.7	0.0	0.0%
17.3%	45.6	45.6	0.0	0.0%
18.5%	45.4	45.4	0.0	0.0%
19.8%	45.1	45.1	0.0	0.0%
21.0%	45.1	45.1	0.0	0.0%
22.2%	45.1	45.0	-0.1	-0.2%
23.5%	44.6	44.6	0.0	0.0%
24.7%	44.4	44.5	0.1	0.2%
25.9%	44.4	44.5	0.1	0.2%
27.2%	44.2	44.5	0.3	0.7%
28.4%	44.1	44.2	0.1	0.2%
29.6%	44.1	44.1	0.0	0.0%
30.9%	44.1	44.1	0.0	0.0%
32.1%	44.1	44.1	0.0	0.0%
33.3%	44.0	44.1	0.1	0.2%
34.6%	44.0	44.0	0.0	0.0%
35.8%	44.0	44.0	0.0	0.0%
37.0%	44.0	44.0	0.0	0.0%
38.3%	43.9	44.0	0.1	0.2%
39.5%	43.9	44.0	0.1	0.2%
40.7%	43.9	43.9	0.0	0.0%
42.0%	43.8	43.8	0.0	0.0%
43.2%	43.8	43.8	0.0	0.0%
44.4%	43.8	43.8	0.0	0.0%
45.7%	43.8	43.7	-0.1	-0.2%
46.9%	43.8	43.7	-0.1	-0.2%
48.1%	43.7	43.7	0.0	0.0%
49.4%	43.7	43.7	0.0	0.0%
50.6%	43.7	43.7	0.0	0.0%
51.9%	43.7	43.7	0.0	0.0%
53.1%	43.7	43.7	0.0	0.0%
54.3%	43.7	43.6	-0.1	-0.2%
55.6%	43.6	43.5	-0.1	-0.2%
56.8%	43.5	43.5	0.0	0.0%
58.0%	43.5	43.5	0.0	0.0%
59.3%	43.5	43.5	0.0	0.0%
60.5%	43.5	43.4	-0.1	-0.2%
61.7%	43.5	43.4	-0.1	-0.2%
63.0%	43.5	43.4	-0.1	-0.2%
64.2%	43.4	43.3	-0.1	-0.2%
65.4%	43.4	43.3	-0.1	-0.2%
66.7%	43.4	43.3	-0.1	-0.2%
67.9%	43.4	43.3	-0.1	-0.2%
69.1%	43.3	43.2	-0.1	-0.2%
70.4%	43.3	43.1	-0.2	-0.5%
71.6%	43.2	43.1	-0.1	-0.2%
72.8%	43.1	43.0	-0.1	-0.2%
74.1%	43.1	42.9	-0.2	-0.5%
75.3%	43.0	42.9	-0.1	-0.2%
76.5%	43.0	42.9	-0.1	-0.2%
77.8%	42.9	42.8	-0.1	-0.2%
79.0%	42.9	42.8	-0.1	-0.2%
80.2%	42.8	42.7	-0.1	-0.2%
81.5%	42.7	42.7	0.0	0.0%
82.7%	42.6	42.5	-0.1	-0.2%
84.0%	42.5	42.5	0.0	0.0%
85.2%	42.5	42.5	0.0	0.0%
86.4%	42.5	42.4	-0.1	-0.2%
87.7%	42.5	42.4	-0.1	-0.2%
88.9%	42.4	42.4	0.0	0.0%
90.1%	42.4	42.3	-0.1	-0.2%
91.4%	41.9	41.9	0.0	0.0%
92.6%	41.6	41.9	0.3	0.7%
93.8%	41.6	41.5	-0.1	-0.2%
95.1%	41.2	41.2	0.0	0.0%
96.3%	40.6	40.0	-0.6	-1.5%
97.5%	39.4	39.7	0.3	0.8%
98.8%	38.8	38.8	0.0	0.0%
100.0%	38.8	38.8	0.0	0.0%

December				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	44.1	44.1	0.0	0.0%
1.2%	44.1	44.1	0.0	0.0%
2.5%	43.8	43.4	-0.4	-0.9%
3.7%	43.4	42.9	-0.5	-1.2%
4.9%	42.9	42.6	-0.3	-0.7%
6.2%	42.3	42.6	0.3	0.7%
7.4%	42.1	42.2	0.1	0.2%
8.6%	42.1	42.1	0.0	0.0%
9.9%	42.0	42.1	0.1	0.2%
11.1%	41.9	41.8	-0.1	-0.2%
12.3%	41.8	41.8	0.0	0.0%
13.6%	41.7	41.7	0.0	0.0%
14.8%	41.7	41.6	-0.1	-0.2%
16.0%	41.5	41.5	0.0	0.0%
17.3%	41.5	41.5	0.0	0.0%
18.5%	41.4	41.4	0.0	0.0%
19.8%	41.3	41.3	0.0	0.0%
21.0%	41.2	41.2	0.0	0.0%
22.2%	41.2	41.2	0.0	0.0%
23.5%	41.2	41.2	0.0	0.0%
24.7%	41.2	41.2	0.0	0.0%
25.9%	41.1	41.2	0.1	0.2%
27.2%	41.1	41.1	0.0	0.0%
28.4%	41.0	41.0	0.0	0.0%
29.6%	40.9	40.9	0.0	0.0%
30.9%	40.8	40.8	0.0	0.0%
32.1%	40.8	40.8	0.0	0.0%
33.3%	40.8	40.7	-0.1	-0.2%
34.6%	40.7	40.7	0.0	0.0%
35.8%	40.7	40.7	0.0	0.0%
37.0%	40.7	40.6	-0.1	-0.2%
38.3%	40.4	40.5	0.1	0.2%
39.5%	40.4	40.5	0.1	0.2%
40.7%	40.4	40.4	0.0	0.0%
42.0%	40.4	40.2	-0.2	-0.5%
43.2%	40.3	40.2	-0.1	-0.2%
44.4%	40.2	40.1	-0.1	-0.2%
45.7%	40.2	40.1	-0.1	-0.2%
46.9%	40.2	40.1	-0.1	-0.2%
48.1%	40.1	40.0	-0.1	-0.2%
49.4%	39.9	39.9	0.0	0.0%
50.6%	39.8	39.8	0.0	0.0%
51.9%	39.8	39.7	-0.1	-0.3%
53.1%	39.7	39.6	-0.1	-0.3%
54.3%	39.6	39.6	0.0	0.0%
55.6%	39.6	39.6	0.0	0.0%
56.8%	39.4	39.6	0.2	0.5%
58.0%	39.3	39.5	0.2	0.5%
59.3%	39.2	39.3	0.1	0.3%
60.5%	39.1	39.3	0.2	0.5%
61.7%	39.1	39.2	0.1	0.3%
63.0%	39.1	39.2	0.1	0.3%
64.2%	39.0	39.1	0.1	0.3%
65.4%	39.0	39.0	0.0	0.0%
66.7%	38.9	39.0	0.1	0.3%
67.9%	38.9	38.9	0.0	0.0%
69.1%	38.8	38.7	-0.1	-0.3%
70.4%	38.5	38.6	0.1	0.3%
71.6%	38.4	38.5	0.1	0.3%
72.8%	38.4	38.4	0.0	0.0%
74.1%	38.3	38.4	0.1	0.3%
75.3%	38.1	38.1	0.0	0.0%
76.5%	38.0	38.1	0.1	0.3%
77.8%	38.0	38.0	0.0	0.0%
79.0%	38.0	38.0	0.0	0.0%
80.2%	38.0	38.0	0.0	0.0%
81.5%	37.9	37.9	0.0	0.0%
82.7%	37.8	37.7	-0.1	-0.3%
84.0%	37.8	37.6	-0.2	-0.5%
85.2%	37.8	37.6	-0.2	-0.5%
86.4%	37.6	37.6	0.0	0.0%
87.7%	37.6	37.6	0.0	0.0%
88.9%	37.3	37.5	0.2	0.5%
90.1%	37.2	37.5	0.3	0.8%
91.4%	37.2	37.3	0.1	0.3%
92.6%	37.1	37.0	-0.1	-0.3%
93.8%	36.9	37.0	0.1	0.3%
95.1%	36.5	36.5	0.0	0.0%
96.3%	36.0	36.0	0.0	0.0%
97.5%	35.1	35.3	0.2	0.6%
98.8%	34.1	34.1	0.0	0.0%
100.0%	34.1	34.1	0.0	0.0%

January				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	42.8	42.8	0.0	0.0%
1.2%	42.2	42.2	0.0	0.0%
2.5%	41.5	41.5	0.0	0.0%
3.7%	41.3	41.3	0.0	0.0%
4.9%	41.1	41.1	0.0	0.0%
6.2%	41.1	41.1	0.0	0.0%
7.4%	40.6	40.6	0.0	0.0%
8.6%	40.3	40.3	0.0	0.0%
9.9%	40.3	40.2	-0.1	-0.2%
11.1%	40.2	40.2	0.0	0.0%
12.3%	40.1	40.2	0.1	0.2%
13.6%	40.0	40.1	0.1	0.2%
14.8%	40.0	40.0	0.0	0.0%
16.0%	39.9	39.9	0.0	0.0%
17.3%	39.9	39.9	0.0	0.0%
18.5%	39.8	39.8	0.0	0.0%
19.8%	39.7	39.7	0.0	0.0%
21.0%	39.7	39.7	0.0	0.0%
22.2%	39.7	39.7	0.0	0.0%
23.5%	39.6	39.6	0.0	0.0%
24.7%	39.5	39.5	0.0	0.0%
25.9%	39.5	39.5	0.0	0.0%
27.2%	39.5	39.5	0.0	0.0%
28.4%	39.5	39.4	-0.1	-0.3%
29.6%	39.3	39.4	0.1	0.3%
30.9%	39.3	39.3	0.0	0.0%
32.1%	39.2	39.3	0.1	0.3%
33.3%	39.2	39.2	0.0	0.0%
34.6%	39.2	39.2	0.0	0.0%
35.8%	39.2	39.2	0.0	0.0%
37.0%	39.1	39.1	0.0	0.0%
38.3%	39.0	39.1	0.1	0.3%
39.5%	39.0	39.0	0.0	0.0%
40.7%	39.0	39.0	0.0	0.0%
42.0%	38.9	39.0	0.1	0.3%
43.2%	38.9	38.9	0.0	0.0%
44.4%	38.8	38.9	0.1	0.3%
45.7%	38.7	38.9	0.2	0.5%
46.9%	38.7	38.8	0.1	0.3%
48.1%	38.7	38.8	0.1	0.3%
49.4%	38.7	38.7	0.0	0.0%
50.6%	38.7	38.7	0.0	0.0%
51.9%	38.6	38.7	0.1	0.3%
53.1%	38.6	38.6	0.0	0.0%
54.3%	38.6	38.6	0.0	0.0%
55.6%	38.6	38.6	0.0	0.0%
56.8%	38.6	38.6	0.0	0.0%
58.0%	38.4	38.5	0.1	0.3%
59.3%	38.4	38.4	0.0	0.0%
60.5%	38.2	38.4	0.2	0.5%
61.7%	38.2	38.4	0.2	0.5%
63.0%	38.1	38.3	0.2	0.5%
64.2%	38.0	38.2	0.2	0.5%
65.4%	38.0	38.1	0.1	0.3%
66.7%	38.0	38.0	0.0	0.0%
67.9%	37.9	38.0	0.1	0.3%
69.1%	37.8	38.0	0.2	0.5%
70.4%	37.8	37.9	0.1	0.3%
71.6%	37.8	37.8	0.0	0.0%
72.8%	37.6	37.8	0.2	0.5%
74.1%	37.6	37.8	0.2	0.5%
75.3%	37.6	37.6	0.0	0.0%
76.5%	37.6	37.6	0.0	0.0%
77.8%	37.4	37.6	0.2	0.5%
79.0%	37.4	37.6	0.2	0.5%
80.2%	37.4	37.4	0.0	0.0%
81.5%	37.3	37.4	0.1	0.3%
82.7%	37.3	37.3	0.0	0.0%
84.0%	37.3	37.3	0.0	0.0%
85.2%	37.1	37.1	0.0	0.0%
86.4%	36.9	36.9	0.0	0.0%
87.7%	36.9	36.9	0.0	0.0%
88.9%	36.9	36.9	0.0	0.0%
90.1%	36.8	36.8	0.0	0.0%
91.4%	36.7	36.7	0.0	0.0%
92.6%	36.6	36.6	0.0	0.0%
93.8%	36.1	36.1	0.0	0.0%
95.1%	34.9	34.9	0.0	0.0%
96.3%	34.4	34.4	0.0	0.0%
97.5%	34.2	34.2	0.0	0.0%
98.8%	29.0	29.0	0.0	0.0%
100.0%	29.0	29.0	0.0	0.0%

Table SQ-35-3b

Trinity River at North Fork, Monthly Temperature
Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	46.6	46.6	0.0	0.0%
1.2%	45.7	45.7	0.0	0.0%
2.5%	44.9	44.9	0.0	0.0%
3.7%	44.9	44.8	-0.1	-0.2%
4.9%	44.6	44.6	0.0	0.0%
6.2%	44.6	44.6	0.0	0.0%
7.4%	44.5	44.5	0.0	0.0%
8.6%	44.3	44.4	0.1	0.2%
9.9%	44.3	44.3	0.0	0.0%
11.1%	44.2	44.2	0.0	0.0%
12.3%	44.2	44.2	0.0	0.0%
13.6%	44.2	44.2	0.0	0.0%
14.8%	44.1	44.1	0.0	0.0%
16.0%	44.0	44.0	0.0	0.0%
17.3%	44.0	44.0	0.0	0.0%
18.5%	44.0	44.0	0.0	0.0%
19.8%	44.0	44.0	0.0	0.0%
21.0%	44.0	44.0	0.0	0.0%
22.2%	44.0	44.0	0.0	0.0%
23.5%	43.9	43.9	0.0	0.0%
24.7%	43.9	43.9	0.0	0.0%
25.9%	43.8	43.8	0.0	0.0%
27.2%	43.8	43.8	0.0	0.0%
28.4%	43.7	43.7	0.0	0.0%
29.6%	43.6	43.6	0.0	0.0%
30.9%	43.6	43.6	0.0	0.0%
32.1%	43.5	43.5	0.0	0.0%
33.3%	43.5	43.5	0.0	0.0%
34.6%	43.5	43.5	0.0	0.0%
35.8%	43.5	43.5	0.0	0.0%
37.0%	43.4	43.4	0.0	0.0%
38.3%	43.4	43.4	0.0	0.0%
39.5%	43.4	43.4	0.0	0.0%
40.7%	43.4	43.4	0.0	0.0%
42.0%	43.4	43.4	0.0	0.0%
43.2%	43.3	43.3	0.0	0.0%
44.4%	43.3	43.3	0.0	0.0%
45.7%	43.3	43.3	0.0	0.0%
46.9%	43.2	43.2	0.0	0.0%
48.1%	43.2	43.2	0.0	0.0%
49.4%	43.2	43.2	0.0	0.0%
50.6%	43.2	43.2	0.0	0.0%
51.9%	43.2	43.2	0.0	0.0%
53.1%	43.1	43.1	0.0	0.0%
54.3%	43.1	43.1	0.0	0.0%
55.6%	43.0	43.0	0.0	0.0%
56.8%	43.0	43.0	0.0	0.0%
58.0%	43.0	43.0	0.0	0.0%
59.3%	42.9	42.9	0.0	0.0%
60.5%	42.9	42.9	0.0	0.0%
61.7%	42.8	42.8	0.0	0.0%
63.0%	42.7	42.7	0.0	0.0%
64.2%	42.6	42.6	0.0	0.0%
65.4%	42.6	42.6	0.0	0.0%
66.7%	42.6	42.6	0.0	0.0%
67.9%	42.5	42.5	0.0	0.0%
69.1%	42.5	42.5	0.0	0.0%
70.4%	42.5	42.5	0.0	0.0%
71.6%	42.4	42.4	0.0	0.0%
72.8%	42.4	42.4	0.0	0.0%
74.1%	42.4	42.4	0.0	0.0%
75.3%	42.4	42.4	0.0	0.0%
76.5%	42.2	42.2	0.0	0.0%
77.8%	42.2	42.2	0.0	0.0%
79.0%	42.2	42.2	0.0	0.0%
80.2%	42.0	42.0	0.0	0.0%
81.5%	42.0	42.0	0.0	0.0%
82.7%	42.0	41.9	-0.1	-0.2%
84.0%	41.9	41.9	0.0	0.0%
85.2%	41.9	41.8	-0.1	-0.2%
86.4%	41.8	41.8	0.0	0.0%
87.7%	41.6	41.6	0.0	0.0%
88.9%	41.2	41.2	0.0	0.0%
90.1%	41.2	41.2	0.0	0.0%
91.4%	41.1	41.1	0.0	0.0%
92.6%	41.0	41.0	0.0	0.0%
93.8%	40.9	40.9	0.0	0.0%
95.1%	40.8	40.8	0.0	0.0%
96.3%	40.1	40.1	0.0	0.0%
97.5%	40.0	40.0	0.0	0.0%
98.8%	39.4	39.4	0.0	0.0%
100.0%	39.4	39.4	0.0	0.0%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.7	50.8	0.1	0.2%
1.2%	49.9	50.1	0.2	0.4%
2.5%	48.8	48.8	0.0	0.0%
3.7%	48.6	48.6	0.0	0.0%
4.9%	48.6	48.6	0.0	0.0%
6.2%	48.3	48.3	0.0	0.0%
7.4%	48.3	48.3	0.0	0.0%
8.6%	48.2	48.2	0.0	0.0%
9.9%	48.1	48.1	0.0	0.0%
11.1%	48.0	48.0	0.0	0.0%
12.3%	47.9	47.9	0.0	0.0%
13.6%	47.9	47.8	-0.1	-0.2%
14.8%	47.7	47.7	0.0	0.0%
16.0%	47.7	47.7	0.0	0.0%
17.3%	47.6	47.6	0.0	0.0%
18.5%	47.6	47.6	0.0	0.0%
19.8%	47.6	47.6	0.0	0.0%
21.0%	47.6	47.5	-0.1	-0.2%
22.2%	47.5	47.5	0.0	0.0%
23.5%	47.5	47.5	0.0	0.0%
24.7%	47.5	47.4	-0.1	-0.2%
25.9%	47.4	47.4	0.0	0.0%
27.2%	47.4	47.3	-0.1	-0.2%
28.4%	47.3	47.3	0.0	0.0%
29.6%	47.3	47.1	-0.2	-0.4%
30.9%	47.2	47.1	-0.1	-0.2%
32.1%	47.1	47.1	0.0	0.0%
33.3%	47.0	47.0	0.0	0.0%
34.6%	47.0	47.0	0.0	0.0%
35.8%	47.0	47.0	0.0	0.0%
37.0%	46.9	47.0	0.1	0.2%
38.3%	46.9	46.9	0.0	0.0%
39.5%	46.9	46.8	-0.1	-0.2%
40.7%	46.9	46.7	-0.2	-0.4%
42.0%	46.7	46.7	0.0	0.0%
43.2%	46.7	46.7	0.0	0.0%
44.4%	46.7	46.7	0.0	0.0%
45.7%	46.7	46.7	0.0	0.0%
46.9%	46.7	46.7	0.0	0.0%
48.1%	46.5	46.5	0.0	0.0%
49.4%	46.5	46.5	0.0	0.0%
50.6%	46.5	46.5	0.0	0.0%
51.9%	46.5	46.4	-0.1	-0.2%
53.1%	46.4	46.4	0.0	0.0%
54.3%	46.4	46.4	0.0	0.0%
55.6%	46.3	46.3	0.0	0.0%
56.8%	46.3	46.3	0.0	0.0%
58.0%	46.3	46.3	0.0	0.0%
59.3%	46.3	46.3	0.0	0.0%
60.5%	46.2	46.2	0.0	0.0%
61.7%	46.2	46.2	0.0	0.0%
63.0%	46.1	46.1	0.0	0.0%
64.2%	46.1	46.1	0.0	0.0%
65.4%	46.1	46.1	0.0	0.0%
66.7%	46.1	46.1	0.0	0.0%
67.9%	46.1	45.9	-0.2	-0.4%
69.1%	45.8	45.8	0.0	0.0%
70.4%	45.7	45.7	0.0	0.0%
71.6%	45.7	45.7	0.0	0.0%
72.8%	45.7	45.7	0.0	0.0%
74.1%	45.6	45.6	0.0	0.0%
75.3%	45.6	45.6	0.0	0.0%
76.5%	45.6	45.6	0.0	0.0%
77.8%	45.5	45.5	0.0	0.0%
79.0%	45.5	45.4	-0.1	-0.2%
80.2%	45.5	45.4	-0.1	-0.2%
81.5%	45.4	45.4	0.0	0.0%
82.7%	45.3	45.3	0.0	0.0%
84.0%	45.3	45.3	0.0	0.0%
85.2%	45.2	45.2	0.0	0.0%
86.4%	45.2	45.2	0.0	0.0%
87.7%	45.1	45.1	0.0	0.0%
88.9%	45.1	45.0	-0.1	-0.2%
90.1%	44.9	44.9	0.0	0.0%
91.4%	44.7	44.7	0.0	0.0%
92.6%	44.6	44.6	0.0	0.0%
93.8%	44.6	44.6	0.0	0.0%
95.1%	44.6	44.6	0.0	0.0%
96.3%	44.4	44.4	0.0	0.0%
97.5%	44.2	44.2	0.0	0.0%
98.8%	43.8	43.8	0.0	0.0%
100.0%	43.8	43.8	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.7	56.7	0.0	0.0%
1.2%	56.3	56.3	0.0	0.0%
2.5%	56.3	56.3	0.0	0.0%
3.7%	55.9	55.9	0.0	0.0%
4.9%	55.7	55.7	0.0	0.0%
6.2%	55.7	55.7	0.0	0.0%
7.4%	55.7	55.7	0.0	0.0%
8.6%	55.6	55.6	0.0	0.0%
9.9%	55.5	55.4	-0.1	-0.2%
11.1%	55.4	55.4	0.0	0.0%
12.3%	55.4	55.3	-0.1	-0.2%
13.6%	55.3	55.2	-0.1	-0.2%
14.8%	55.2	55.2	0.0	0.0%
16.0%	55.1	55.1	0.0	0.0%
17.3%	55.1	54.9	-0.2	-0.4%
18.5%	55.0	54.9	-0.1	-0.2%
19.8%	54.8	54.7	-0.1	-0.2%
21.0%	54.7	54.7	0.0	0.0%
22.2%	54.7	54.7	0.0	0.0%
23.5%	54.6	54.7	0.1	0.2%
24.7%	54.4	54.4	0.0	0.0%
25.9%	54.4	54.3	-0.1	-0.2%
27.2%	54.3	54.3	0.0	0.0%
28.4%	54.3	54.3	0.0	0.0%
29.6%	54.2	54.2	0.0	0.0%
30.9%	54.2	54.2	0.0	0.0%
32.1%	54.2	54.2	0.0	0.0%
33.3%	54.0	54.0	0.0	0.0%
34.6%	54.0	54.0	0.0	0.0%
35.8%	53.9	54.0	0.1	0.2%
37.0%	53.9	53.9	0.0	0.0%
38.3%	53.7	53.7	0.0	0.0%
39.5%	53.7	53.7	0.0	0.0%
40.7%	53.7	53.7	0.0	0.0%
42.0%	53.7	53.6	-0.1	-0.2%
43.2%	53.6	53.6	0.0	0.0%
44.4%	53.6	53.6	0.0	0.0%
45.7%	53.6	53.5	-0.1	-0.2%
46.9%	53.5	53.5	0.0	0.0%
48.1%	53.5	53.5	0.0	0.0%
49.4%	53.5	53.5	0.0	0.0%
50.6%	53.5	53.5	0.0	0.0%
51.9%	53.4	53.4	0.0	0.0%
53.1%	53.4	53.4	0.0	0.0%
54.3%	53.3	53.3	0.0	0.0%
55.6%	53.2	53.2	0.0	0.0%
56.8%	53.1	53.2	0.1	0.2%
58.0%	53.0	53.1	0.1	0.2%
59.3%	53.0	53.0	0.0	0.0%
60.5%	53.0	53.0	0.0	0.0%
61.7%	53.0	53.0	0.0	0.0%
63.0%	53.0	53.0	0.0	0.0%
64.2%	52.9	53.0	0.1	0.2%
65.4%	52.8	52.9	0.1	0.2%
66.7%	52.8	52.9	0.1	0.2%
67.9%	52.8	52.8	0.0	0.0%
69.1%	52.8	52.8	0.0	0.0%
70.4%	52.8	52.8	0.0	0.0%
71.6%	52.8	52.8	0.0	0.0%
72.8%	52.7	52.7	0.0	0.0%
74.1%	52.7	52.7	0.0	0.0%
75.3%	52.7	52.7	0.0	0.0%
76.5%	52.6	52.6	0.0	0.0%
77.8%	52.5	52.4	-0.1	-0.2%
79.0%	52.4	52.4	0.0	0.0%
80.2%	52.4	52.3	-0.1	-0.2%
81.5%	52.3	52.2	-0.1	-0.2%
82.7%	52.3	51.9	-0.4	-0.8%
84.0%	52.2	51.9	-0.3	-0.6%
85.2%	51.9	51.8	-0.1	-0.2%
86.4%	51.9	51.7	-0.2	-0.4%
87.7%	51.8	51.7	-0.1	-0.2%
88.9%	51.8	51.7	-0.1	-0.2%
90.1%	51.7	51.4	-0.3	-0.6%
91.4%	51.3	51.3	0.0	0.0%
92.6%	51.2	51.2	0.0	0.0%
93.8%	51.0	51.0	0.0	0.0%
95.1%	50.8	50.8	0.0	0.0%
96.3%	50.7	50.7	0.0	0.0%
97.5%	50.3	50.3	0.0	0.0%
98.8%	49.5	49.5	0.0	0.0%
100.0%	49.5	49.5	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.0	59.0	0.0	0.0%
1.2%	58.6	58.6	0.0	0.0%
2.5%	56.0	55.9	-0.1	-0.2%
3.7%	55.4	55.4	0.0	0.0%
4.9%	55.1	55.1	0.0	0.0%
6.2%	55.0	55.1	0.1	0.2%
7.4%	54.6	55.0	0.4	0.7%
8.6%	54.3	54.6	0.3	0.6%
9.9%	54.1	54.0	-0.1	-0.2%
11.1%	53.9	53.9	0.0	0.0%
12.3%	53.7	53.8	0.1	0.2%
13.6%	53.3	53.3	0.0	0.0%
14.8%	53.0	53.1	0.1	0.2%
16.0%	52.9	52.6	-0.3	-0.6%
17.3%	52.6	52.6	0.0	0.0%
18.5%	52.6	52.5	-0.1	-0.2%
19.8%	52.6	52.4	-0.2	-0.4%
21.0%	52.4	52.4	0.0	0.0%
22.2%	52.4	52.2	-0.2	-0.4%
23.5%	52.2	52.0	-0.2	-0.4%
24.7%	52.0	52.0	0.0	0.0%
25.9%	52.0	51.9	-0.1	-0.2%
27.2%	51.9	51.9	0.0	0.0%
28.4%	51.9	51.9	0.0	0.0%
29.6%	51.9	51.9	0.0	0.0%
30.9%	51.7	51.7	0.0	0.0%
32.1%	51.5	51.5	0.0	0.0%
33.3%	51.5	51.5	0.0	0.0%
34.6%	51.5	51.5	0.0	0.0%
35.8%	51.4	51.4	0.0	0.0%
37.0%	51.3	51.3	0.0	0.0%
38.3%	51.1	51.1	0.0	0.0%
39.5%	51.1	51.1	0.0	0.0%
40.7%	51.1	51.1	0.0	0.0%
42.0%	51.1	51.0	-0.1	-0.2%
43.2%	51.0	51.0	0.0	0.0%
44.4%	51.0	50.9	-0.1	-0.2%
45.7%	50.9	50.9	0.0	0.0%
46.9%	50.8	50.9	0.1	0.2%
48.1%	50.8	50.8	0.0	0.0%
49.4%	50.8	50.7	-0.1	-0.2%
50.6%	50.7	50.7	0.0	0.0%
51.9%	50.7	50.6	-0.1	-0.2%
53.1%	50.7	50.6	-0.1	-0.2%
54.3%	50.6	50.5	-0.1	-0.2%
55.6%	50.5	50.5	0.0	0.0%
56.8%	50.5	50.4	-0.1	-0.2%
58.0%	50.4	50.3	-0.1	-0.2%
59.3%	50.3	50.2	-0.1	-0.2%
60.5%	50.3	50.2	-0.1	-0.2%
61.7%	50.2	50.1	-0.1	-0.2%
63.0%	50.1	50.1	0.0	0.0%
64.2%	50.1	50.0	-0.1	-0.2%
65.4%	50.0	50.0	0.0	0.0%
66.7%	50.0	49.9	-0.1	-0.2%
67.9%	49.9	49.9	0.0	0.0%
69.1%	49.8	49.8	0.0	0.0%
70.4%	49.7	49.7	0.0	0.0%
71.6%	49.7	49.7	0.0	0.0%
72.8%	49.7	49.7	0.0	0.0%
74.1%	49.7	49.7	0.0	0.0%
75.3%	49.6	49.7	0.1	0.2%
76.5%	49.5	49.6	0.1	0.2%
77.8%	49.4	49.5	0.1	0.2%
79.0%	49.4	49.4	0.0	0.0%
80.2%	49.4	49.4	0.0	0.0%
81.5%	49.4	49.4	0.0	0.0%
82.7%	49.3	49.3	0.0	0.0%
84.0%	49.2	49.2	0.0	0.0%
85.2%	49.2	49.2	0.0	0.0%
86.4%	49.1	49.2	0.1	0.2%
87.7%	49.1	49.1	0.0	0.0%
88.9%	49.1	49.1	0.0	0.0%
90.1%	49.1	49.1	0.0	0.0%
91.4%	49.1	49.1	0.0	0.0%
92.6%	49.1	49.1	0.0	0.0%
93.8%	49.0	48.8	-0.2	-0.4%
95.1%	48.8	48.4	-0.4	-0.8%
96.3%	48.4	48.3	-0.1	-0.2%
97.5%	48.1	48.1	0.0	0.0%
98.8%	48.1	48.1	0.0	0.0%
100.0%	48.1	48.1	0.0	0.0%

Table SQ-35-3b

Trinity River at North Fork, Monthly Temperature
Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.7	67.7	0.0	0.0%
1.2%	66.4	66.4	0.0	0.0%
2.5%	65.8	65.7	-0.1	-0.2%
3.7%	65.7	65.5	-0.2	-0.3%
4.9%	65.2	65.2	0.0	0.0%
6.2%	64.4	64.4	0.0	0.0%
7.4%	64.4	64.4	0.0	0.0%
8.6%	64.2	64.3	0.1	0.2%
9.9%	64.0	64.0	0.0	0.0%
11.1%	63.6	63.9	0.3	0.5%
12.3%	63.4	63.9	0.5	0.8%
13.6%	63.4	63.6	0.2	0.3%
14.8%	63.4	63.4	0.0	0.0%
16.0%	63.2	63.1	-0.1	-0.2%
17.3%	63.1	63.1	0.0	0.0%
18.5%	63.1	62.6	-0.5	-0.8%
19.8%	62.4	62.4	0.0	0.0%
21.0%	62.3	62.3	0.0	0.0%
22.2%	62.2	62.3	0.1	0.2%
23.5%	62.1	62.0	-0.1	-0.2%
24.7%	62.0	61.9	-0.1	-0.2%
25.9%	62.0	61.7	-0.3	-0.5%
27.2%	61.7	61.7	0.0	0.0%
28.4%	61.7	61.6	-0.1	-0.2%
29.6%	61.6	61.4	-0.2	-0.3%
30.9%	61.4	61.4	0.0	0.0%
32.1%	61.3	61.3	0.0	0.0%
33.3%	61.1	61.0	-0.1	-0.2%
34.6%	61.0	60.9	-0.1	-0.2%
35.8%	60.4	60.5	0.1	0.2%
37.0%	60.4	60.4	0.0	0.0%
38.3%	59.5	59.7	0.2	0.3%
39.5%	59.5	59.5	0.0	0.0%
40.7%	59.5	59.5	0.0	0.0%
42.0%	59.1	59.1	0.0	0.0%
43.2%	58.9	58.9	0.0	0.0%
44.4%	58.6	58.7	0.1	0.2%
45.7%	58.6	58.6	0.0	0.0%
46.9%	58.6	58.6	0.0	0.0%
48.1%	58.5	58.6	0.1	0.2%
49.4%	58.4	58.5	0.1	0.2%
50.6%	58.4	58.5	0.1	0.2%
51.9%	58.2	58.4	0.2	0.3%
53.1%	58.2	58.2	0.0	0.0%
54.3%	58.0	58.0	0.0	0.0%
55.6%	57.8	57.9	0.1	0.2%
56.8%	57.8	57.7	-0.1	-0.2%
58.0%	57.8	57.7	-0.1	-0.2%
59.3%	57.7	57.7	0.0	0.0%
60.5%	57.7	57.7	0.0	0.0%
61.7%	57.7	57.7	0.0	0.0%
63.0%	57.6	57.6	0.0	0.0%
64.2%	57.6	57.5	-0.1	-0.2%
65.4%	57.2	57.2	0.0	0.0%
66.7%	57.2	57.2	0.0	0.0%
67.9%	57.1	57.1	0.0	0.0%
69.1%	57.0	57.0	0.0	0.0%
70.4%	57.0	57.0	0.0	0.0%
71.6%	56.9	56.9	0.0	0.0%
72.8%	56.8	56.8	0.0	0.0%
74.1%	56.8	56.8	0.0	0.0%
75.3%	56.7	56.7	0.0	0.0%
76.5%	56.6	56.6	0.0	0.0%
77.8%	56.6	56.6	0.0	0.0%
79.0%	56.0	56.0	0.0	0.0%
80.2%	55.7	55.7	0.0	0.0%
81.5%	55.5	55.5	0.0	0.0%
82.7%	55.3	55.3	0.0	0.0%
84.0%	54.8	54.9	0.1	0.2%
85.2%	54.2	54.2	0.0	0.0%
86.4%	53.7	53.7	0.0	0.0%
87.7%	53.6	53.6	0.0	0.0%
88.9%	53.3	53.2	-0.1	-0.2%
90.1%	53.2	53.1	-0.1	-0.2%
91.4%	53.0	53.0	0.0	0.0%
92.6%	52.9	52.9	0.0	0.0%
93.8%	52.1	52.1	0.0	0.0%
95.1%	52.0	52.0	0.0	0.0%
96.3%	51.7	51.7	0.0	0.0%
97.5%	50.6	50.6	0.0	0.0%
98.8%	50.5	50.5	0.0	0.0%
100.0%	50.5	50.5	0.0	0.0%

July				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	71.0	70.9	-0.1	-0.1%
1.2%	69.9	69.9	0.0	0.0%
2.5%	69.0	69.1	0.1	0.1%
3.7%	68.8	68.9	0.1	0.1%
4.9%	68.7	68.7	0.0	0.0%
6.2%	68.7	68.7	0.0	0.0%
7.4%	68.7	68.4	-0.3	-0.4%
8.6%	68.5	68.3	-0.2	-0.3%
9.9%	68.1	68.1	0.0	0.0%
11.1%	68.0	67.8	-0.2	-0.3%
12.3%	67.9	67.7	-0.2	-0.3%
13.6%	67.4	67.7	0.3	0.4%
14.8%	67.4	67.4	0.0	0.0%
16.0%	67.3	67.3	0.0	0.0%
17.3%	67.3	67.3	0.0	0.0%
18.5%	67.2	67.1	-0.1	-0.1%
19.8%	67.0	67.0	0.0	0.0%
21.0%	66.9	66.9	0.0	0.0%
22.2%	66.9	66.9	0.0	0.0%
23.5%	66.7	66.9	0.2	0.3%
24.7%	66.6	66.9	0.3	0.5%
25.9%	66.6	66.8	0.2	0.3%
27.2%	66.5	66.6	0.1	0.2%
28.4%	66.4	66.5	0.1	0.2%
29.6%	66.2	66.0	-0.2	-0.3%
30.9%	65.8	66.0	0.2	0.3%
32.1%	65.8	65.8	0.0	0.0%
33.3%	65.7	65.5	-0.2	-0.3%
34.6%	65.6	65.5	-0.1	-0.2%
35.8%	65.5	65.3	-0.2	-0.3%
37.0%	65.5	65.2	-0.3	-0.5%
38.3%	65.3	65.1	-0.2	-0.3%
39.5%	65.2	65.1	-0.1	-0.2%
40.7%	65.1	65.1	0.0	0.0%
42.0%	65.1	65.0	-0.1	-0.2%
43.2%	65.1	65.0	-0.1	-0.2%
44.4%	65.0	64.8	-0.2	-0.3%
45.7%	64.8	64.6	-0.2	-0.3%
46.9%	64.6	64.5	-0.1	-0.2%
48.1%	64.4	64.4	0.0	0.0%
49.4%	64.3	64.3	0.0	0.0%
50.6%	64.2	64.1	-0.1	-0.2%
51.9%	64.1	64.0	-0.1	-0.2%
53.1%	64.0	64.0	0.0	0.0%
54.3%	64.0	64.0	0.0	0.0%
55.6%	64.0	63.8	-0.2	-0.3%
56.8%	63.8	63.8	0.0	0.0%
58.0%	63.8	63.8	0.0	0.0%
59.3%	63.8	63.8	0.0	0.0%
60.5%	63.8	63.8	0.0	0.0%
61.7%	63.7	63.7	0.0	0.0%
63.0%	63.6	63.6	0.0	0.0%
64.2%	63.6	63.6	0.0	0.0%
65.4%	63.4	63.4	0.0	0.0%
66.7%	63.4	63.4	0.0	0.0%
67.9%	63.3	63.3	0.0	0.0%
69.1%	63.3	63.3	0.0	0.0%
70.4%	63.2	63.2	0.0	0.0%
71.6%	63.2	63.2	0.0	0.0%
72.8%	63.0	63.0	0.0	0.0%
74.1%	63.0	63.0	0.0	0.0%
75.3%	62.9	62.9	0.0	0.0%
76.5%	62.8	62.8	0.0	0.0%
77.8%	62.8	62.8	0.0	0.0%
79.0%	62.3	62.8	0.5	0.8%
80.2%	62.3	62.3	0.0	0.0%
81.5%	62.2	62.2	0.0	0.0%
82.7%	61.9	61.9	0.0	0.0%
84.0%	61.8	61.7	-0.1	-0.2%
85.2%	61.7	61.4	-0.3	-0.5%
86.4%	61.4	61.2	-0.2	-0.3%
87.7%	61.2	61.0	-0.2	-0.3%
88.9%	61.0	61.0	0.0	0.0%
90.1%	61.0	60.9	-0.1	-0.2%
91.4%	60.9	60.8	-0.1	-0.2%
92.6%	60.8	60.7	-0.1	-0.2%
93.8%	60.4	60.4	0.0	0.0%
95.1%	60.3	60.3	0.0	0.0%
96.3%	59.7	59.7	0.0	0.0%
97.5%	56.6	56.6	0.0	0.0%
98.8%	54.1	54.1	0.0	0.0%
100.0%	54.1	54.1	0.0	0.0%

August				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	69.6	68.9	-0.7	-1.0%
1.2%	68.9	68.9	0.0	0.0%
2.5%	68.9	67.8	-1.1	-1.6%
3.7%	68.2	67.7	-0.5	-0.7%
4.9%	67.8	67.5	-0.3	-0.4%
6.2%	67.3	67.3	0.0	0.0%
7.4%	67.3	67.3	0.0	0.0%
8.6%	67.2	67.0	-0.2	-0.3%
9.9%	67.2	66.9	-0.3	-0.4%
11.1%	67.0	66.9	-0.1	-0.1%
12.3%	66.8	66.7	-0.1	-0.1%
13.6%	66.8	66.7	-0.1	-0.1%
14.8%	66.7	66.5	-0.2	-0.3%
16.0%	66.0	66.1	0.1	0.2%
17.3%	65.9	66.0	0.1	0.2%
18.5%	65.8	66.0	0.2	0.3%
19.8%	65.8	65.9	0.1	0.2%
21.0%	65.7	65.7	0.0	0.0%
22.2%	65.6	65.6	0.0	0.0%
23.5%	65.6	65.6	0.0	0.0%
24.7%	65.6	65.5	-0.1	-0.2%
25.9%	65.5	65.4	-0.1	-0.2%
27.2%	65.4	65.4	0.0	0.0%
28.4%	65.3	65.3	0.0	0.0%
29.6%	65.3	65.3	0.0	0.0%
30.9%	65.3	65.2	-0.1	-0.2%
32.1%	65.2	65.2	0.0	0.0%
33.3%	65.1	65.2	0.1	0.2%
34.6%	65.1	65.1	0.0	0.0%
35.8%	65.1	65.1	0.0	0.0%
37.0%	65.0	65.0	0.0	0.0%
38.3%	64.9	65.0	0.1	0.2%
39.5%	64.9	64.9	0.0	0.0%
40.7%	64.9	64.8	-0.1	-0.2%
42.0%	64.8	64.8	0.0	0.0%
43.2%	64.8	64.6	-0.2	-0.3%
44.4%	64.7	64.6	-0.1	-0.2%
45.7%	64.6	64.4	-0.2	-0.3%
46.9%	64.6	64.3	-0.3	-0.5%
48.1%	64.5	64.3	-0.2	-0.3%
49.4%	64.4	64.3	-0.1	-0.2%
50.6%	64.4	64.2	-0.2	-0.3%
51.9%	64.3	64.2	-0.1	-0.2%
53.1%	64.3	64.1	-0.2	-0.3%
54.3%	64.2	64.1	-0.1	-0.2%
55.6%	64.2	64.1	-0.1	-0.2%
56.8%	64.1	64.1	0.0	0.0%
58.0%	64.1	64.1	0.0	0.0%
59.3%	64.1	64.0	-0.1	-0.2%
60.5%	64.1	63.9	-0.2	-0.3%
61.7%	63.9	63.9	0.0	0.0%
63.0%	63.9	63.9	0.0	0.0%
64.2%	63.8	63.8	0.0	0.0%
65.4%	63.8	63.8	0.0	0.0%
66.7%	63.8	63.7	-0.1	-0.2%
67.9%	63.7	63.7	0.0	0.0%
69.1%	63.7	63.5	-0.2	-0.3%
70.4%	63.6	63.5	-0.1	-0.2%
71.6%	63.5	63.5	0.0	0.0%
72.8%	63.5	63.4	-0.1	-0.2%
74.1%	63.5	63.4	-0.1	-0.2%
75.3%	63.4	63.4	0.0	0.0%
76.5%	63.4	63.4	0.0	0.0%
77.8%	63.4	63.3	-0.1	-0.2%
79.0%	63.4	63.3	-0.1	-0.2%
80.2%	63.3	63.3	0.0	0.0%
81.5%	63.3	63.3	0.0	0.0%
82.7%	63.3	63.2	-0.1	-0.2%
84.0%	63.1	63.1	0.0	0.0%
85.2%	63.1	63.0	-0.1	-0.2%
86.4%	62.8	62.8	0.0	0.0%
87.7%	62.8	62.8	0.0	0.0%
88.9%	62.8	62.8	0.0	0.0%
90.1%	62.7	62.7	0.0	0.0%
91.4%	62.6	62.6	0.0	0.0%
92.6%	62.0	62.0	0.0	0.0%
93.8%	61.6	61.6	0.0	0.0%
95.1%	61.4	61.6	0.2	0.3%
96.3%	61.1	61.5	0.4	0.7%
97.5%	61.1	61.1	0.0	0.0%
98.8%	60.4	60.7	0.3	0.5%
100.0%	60.4	60.7	0.3	0.5%

September				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.1	65.5	-0.6	-0.9%
1.2%	65.2	63.2	-2.0	-3.1%
2.5%	63.3	63.1	-0.2	-0.3%
3.7%	62.6	62.6	0.0	0.0%
4.9%	62.1	62.3	0.2	0.3%
6.2%	61.8	61.7	-0.1	-0.2%
7.4%	61.7	60.9	-0.8	-1.3%
8.6%	61.5	60.9	-0.6	-1.0%
9.9%	60.8	60.8	0.0	0.0%
11.1%	60.8	60.5	-0.3	-0.5%
12.3%	60.6	60.4	-0.2	-0.3%
13.6%	60.5	60.3	-0.2	-0.3%
14.8%	60.5	60.2	-0.3	-0.5%
16.0%	60.5	60.1	-0.4	-0.7%
17.3%	60.4	60.0	-0.4	-0.7%
18.5%	60.2	60.0	-0.2	-0.3%
19.8%	60.1	60.0	-0.1	-0.2%
21.0%	60.1	60.0	-0.1	-0.2%
22.2%	60.1	60.0	-0.1	-0.2%
23.5%	60.0	59.8	-0.2	-0.3%
24.7%	60.0	59.8	-0.2	-0.3%
25.9%	60.0	59.8	-0.2	-0.3%
27.2%	59.9	59.7	-0.2	-0.3%
28.4%	59.8	59.7	-0.1	-0.2%
29.6%	59.8	59.6	-0.2	-0.3%
30.9%	59.7	59.6	-0.1	-0.2%
32.1%	59.7	59.6	-0.1	-0.2%
33.3%	59.6	59.6	0.0	0.0%
34.6%	59.6	59.5	-0.1	-0.2%
35.8%	59.5	59.5	0.0	0.0%
37.0%	59.5	59.5	0.0	0.0%
38.3%	59.5	59.5	0.0	0.0%
39.5%	59.5	59.4	-0.1	-0.2%
40.7%	59.4	59.4	0.0	0.0%
42.0%	59.4	59.4	0.0	0.0%
43.2%	59.3	59.3	0.0	0.0%
44.4%	59.2	59.2	0.0	0.0%
45.7%	59.2	59.2	0.0	0.0%
46.9%	59.2	59.2	0.0	0.0%
48.1%	59.1	59.2	0.1	0.2%
49.4%	59.1	59.1	0.0	0.0%
50.6%	59.0	59.1	0.1	0.2%
51.9%	58.9	59.1	0.2	0.3%
53.1%	58.9	59.1	0.2	0.3%
54.3%	58.9	58.9	0.0	0.0%
55.6%	58.8	58.8	0.0	0.0%
56.8%	58.8	58.8	0.0	0.0%
58.0%	58.8	58.8	0.0	0.0%
59.3%	58.7	58.8	0.1	0.2%
60.5%	58.6	58.6	0.0	0.0%
61.7%	58.6	58.6	0.0	0.0%
63.0%	58.4	58.5	0.1	0.2%
64.2%	58.3	58.4	0.1	0.2%
65.4%	58.3	58.4	0.1	0.2%
66.7%	58.3	58.3	0.0	0.0%
67.9%	58.2	58.3	0.1	0.2%
69.1%	58.1	58.2	0.1	0.2%
70.4%	58.0	58.1	0.1	0.2%
71.6%	58.0	58.1	0.1	0.2%
72.8%	58.0	58.1	0.1	0.2%
74.1%	57.9	58.0	0.1	0.2%
75.3%	57.8	58.0	0.2	0.3%
76.5%	57.7	57.8	0.1	0.2%
77.8%	57.7	57.8	0.1	0.2%
79.0%	57.7	57.6	-0.1	-0.2%
80.2%	57.6	57.6	0.0	0.0%
81.5%	57.6	57.5	-0.1	-0.2%
82.7%	57.6	57.5	-0.1	-0.2%
84.0%	57.5	57.5	0.0	0.0%
85.2%	57.5	57.4	-0.1	-0.2%
86.4%	57.4	57.3	-0.1	-0.2%
87.7%	57.3	57.3	0.0	0.0%
88.9%	57.3	57.2	-0.1	-0.2%
90.1%	57.3	57.2	-0.1	-0.2%
91.4%	57.1	57.1	0.0	0.0%
92.6%	56.7	56.9	0.2	0.4%
93.8%	56.6	56.5	-0.1	-0.2%
95.1%	56.4	56.3	-0.1	-0.2%
96.3%	56.3	56.1	-0.2	-0.4%
97.5%	54.9	55.0	0.1	0.2%
98.8%	54.3	54.2	-0.1	-0.2%
100.0%	54.3	54.2	-0.1	-0.2%

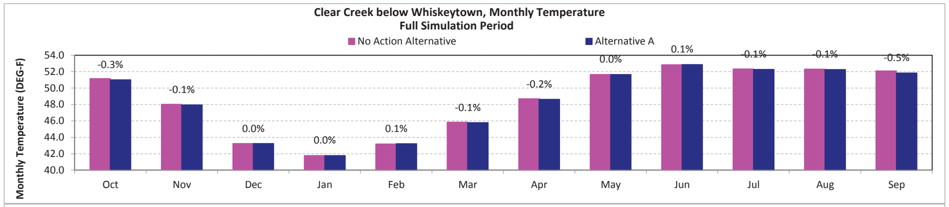
Table SQ-36-3a
Clear Creek below Whiskeytown, Monthly Temperature
Long-term Average and Average by Water Year Type

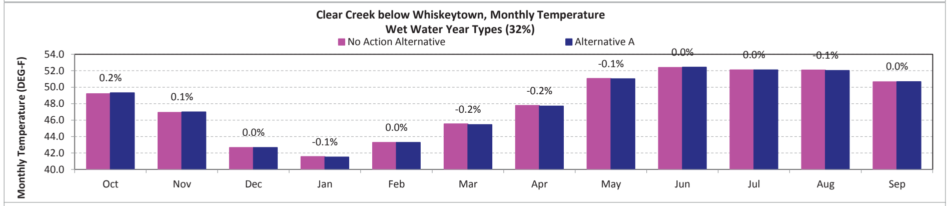
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	51.2	48.0	43.2	41.8	43.2	45.9	48.7	51.7	52.8	52.3	52.3	52.1
Alternative A	51.0	48.0	43.2	41.8	43.2	45.8	48.6	51.7	52.9	52.3	52.3	51.8
Difference	-0.2	-0.1	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	-0.1	-0.1	-0.3
Percent Difference[3]	-0.3%	-0.1%	0.0%	0.0%	0.1%	-0.1%	-0.2%	0.0%	0.1%	-0.1%	-0.1%	-0.5%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	49.2	46.9	42.7	41.6	43.3	45.5	47.8	51.1	52.4	52.1	52.1	50.7
Alternative A	49.3	47.0	42.7	41.5	43.3	45.5	47.7	51.0	52.4	52.1	52.0	50.7
Difference	0.1	0.1	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0
Percent Difference	0.2%	0.1%	0.0%	-0.1%	0.0%	-0.2%	-0.2%	-0.1%	0.0%	0.0%	-0.1%	0.0%
Above Normal (15%)												
No Action Alternative	50.8	47.7	43.3	42.0	43.3	45.9	48.2	52.3	53.8	52.6	52.4	51.4
Alternative A	50.5	47.6	43.3	41.9	43.3	45.8	48.2	52.3	53.8	52.2	52.2	51.3
Difference	-0.2	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	-0.5	-0.1	-0.2
Percent Difference	-0.4%	-0.3%	-0.1%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.9%	-0.3%	-0.3%
Below Normal (17%)												
No Action Alternative	51.7	48.1	43.3	41.6	42.6	45.6	48.8	52.3	52.7	52.5	52.5	52.4
Alternative A	51.4	48.2	43.4	41.6	42.6	45.5	48.8	52.3	52.7	52.3	52.4	52.2
Difference	-0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.2
Percent Difference	-0.6%	0.2%	0.2%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.0%	-0.4%
Dry (22%)												
No Action Alternative	51.3	48.7	43.6	41.9	43.1	46.0	49.9	51.8	52.8	52.0	51.7	52.0
Alternative A	51.2	48.6	43.6	41.9	43.2	45.9	49.6	51.9	53.0	52.1	51.8	51.9
Difference	-0.2	-0.1	0.0	0.0	0.1	-0.1	-0.3	0.1	0.2	0.0	0.2	0.0
Percent Difference	-0.3%	-0.3%	-0.1%	0.1%	0.2%	-0.2%	-0.5%	0.1%	0.3%	0.1%	0.3%	-0.1%
Critical (15%)												
No Action Alternative	55.0	49.6	43.8	42.1	43.7	46.7	49.3	51.3	53.0	52.8	53.6	55.8
Alternative A	54.5	49.3	43.8	42.2	43.8	46.6	49.4	51.3	52.9	53.0	53.2	54.4
Difference	-0.5	-0.3	0.0	0.1	0.0	0.0	0.1	0.0	-0.1	0.2	-0.4	-1.4
Percent Difference	-0.9%	-0.6%	0.0%	0.2%	0.1%	-0.1%	0.2%	0.0%	-0.1%	0.3%	-0.7%	-2.5%

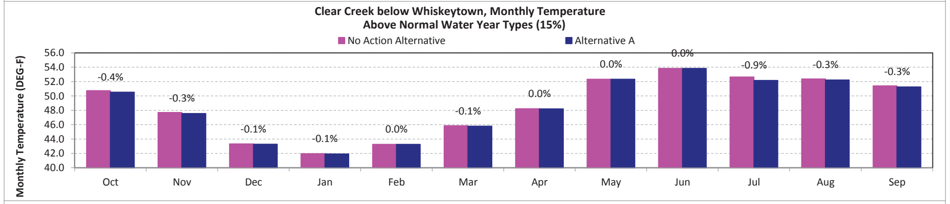
1 Based on the 82-year simulation period

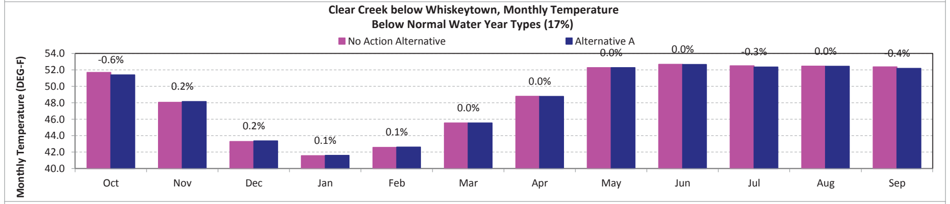
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

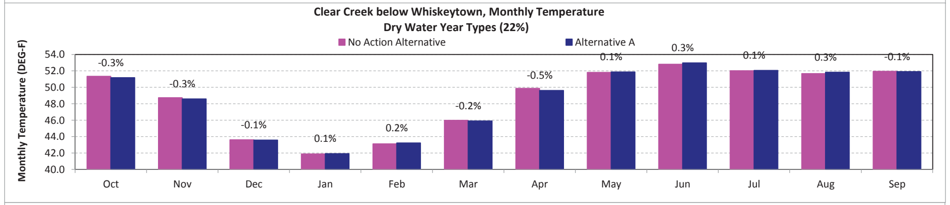
3 Relative difference of the monthly average











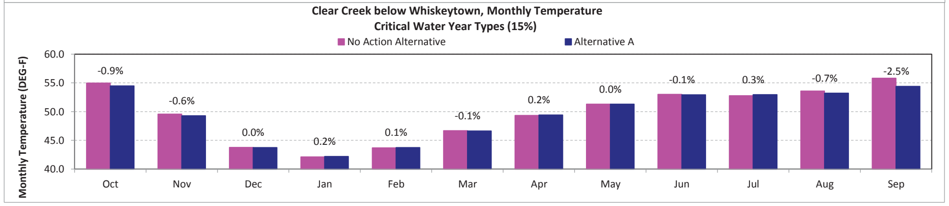


Figure SQ-36-3b
Clear Creek below Whiskeytown, Monthly Temperature
Probability of Exceedance

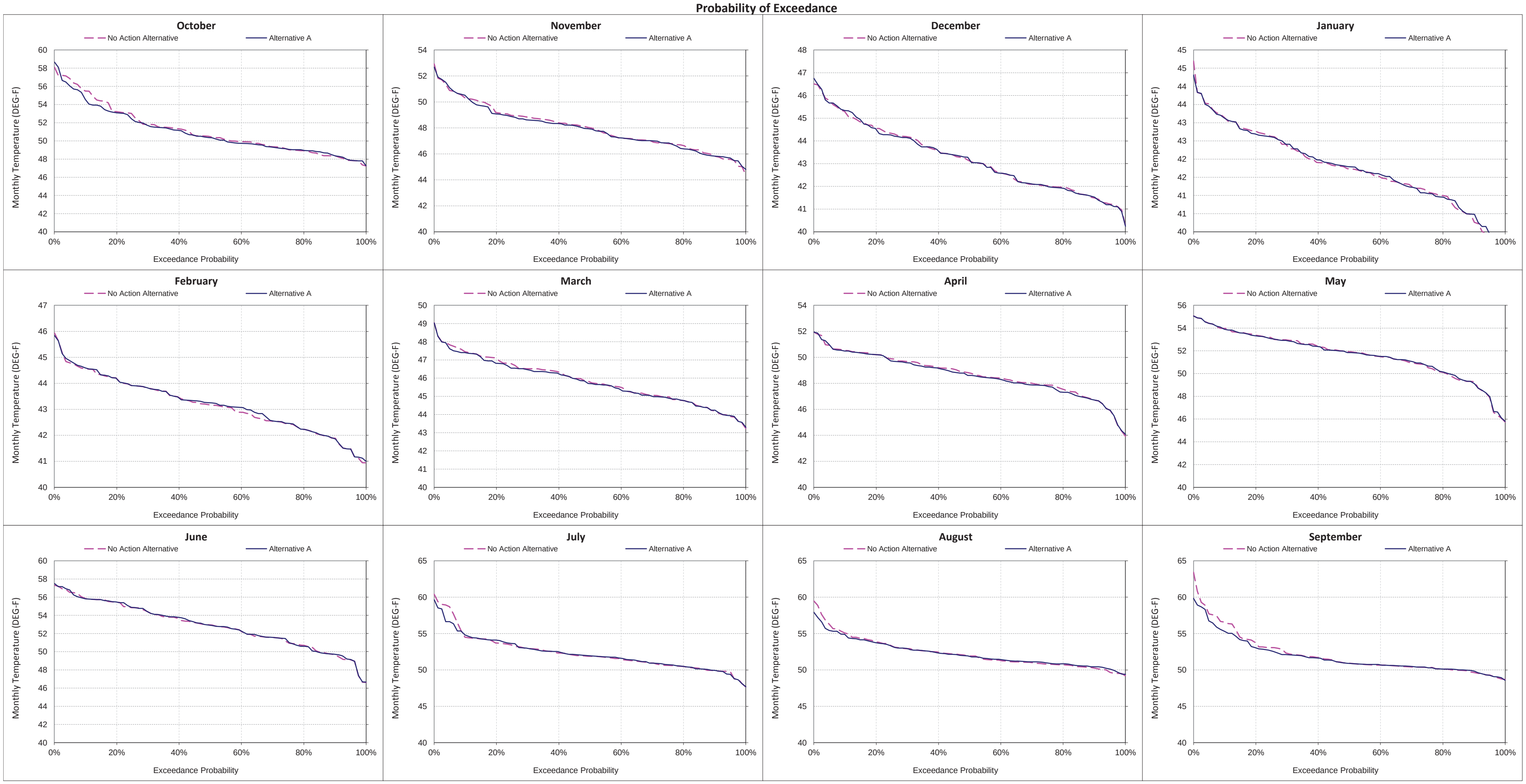


Table SQ-36-3b

Clear Creek below Whiskeytown, Monthly Temperature
Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	58.1	58.7	0.5	0.9%
1.2%	57.2	58.1	0.9	1.5%
2.5%	57.2	56.7	-0.5	-1.0%
3.7%	57.1	56.5	-0.7	-1.2%
4.9%	56.9	56.1	-0.8	-1.4%
6.2%	56.4	55.7	-0.7	-1.2%
7.4%	56.2	55.6	-0.6	-1.0%
8.6%	55.8	55.3	-0.4	-0.7%
9.9%	55.5	54.6	-0.9	-1.7%
11.1%	55.5	54.1	-1.4	-2.5%
12.3%	54.9	53.9	-1.0	-1.8%
13.6%	54.5	53.9	-0.6	-1.0%
14.8%	54.4	53.8	-0.6	-1.1%
16.0%	54.4	53.5	-0.9	-1.7%
17.3%	54.2	53.3	-0.9	-1.7%
18.5%	53.3	53.2	-0.1	-0.1%
19.8%	53.2	53.1	-0.1	-0.2%
21.0%	53.2	53.1	-0.1	-0.2%
22.2%	53.1	53.0	-0.1	-0.1%
23.5%	53.1	52.9	-0.2	-0.4%
24.7%	53.0	52.4	-0.6	-1.1%
25.9%	52.5	52.1	-0.4	-0.7%
27.2%	52.2	52.0	-0.2	-0.4%
28.4%	51.8	52.0	0.1	0.3%
29.6%	51.8	51.7	-0.1	-0.2%
30.9%	51.8	51.6	-0.2	-0.5%
32.1%	51.8	51.5	-0.3	-0.5%
33.3%	51.5	51.5	-0.1	-0.1%
34.6%	51.5	51.5	0.0	-0.1%
35.8%	51.5	51.4	-0.1	-0.1%
37.0%	51.5	51.3	-0.2	-0.3%
38.3%	51.4	51.2	-0.2	-0.4%
39.5%	51.4	51.2	-0.2	-0.3%
40.7%	51.3	51.1	-0.2	-0.3%
42.0%	51.2	50.9	-0.3	-0.6%
43.2%	51.0	50.7	-0.3	-0.7%
44.4%	50.6	50.7	0.0	0.1%
45.7%	50.6	50.5	-0.1	-0.1%
46.9%	50.6	50.5	-0.1	-0.1%
48.1%	50.5	50.4	-0.1	-0.2%
49.4%	50.5	50.4	-0.1	-0.3%
50.6%	50.4	50.3	-0.1	-0.1%
51.9%	50.4	50.2	-0.1	-0.3%
53.1%	50.4	50.1	-0.3	-0.5%
54.3%	50.2	50.1	-0.1	-0.2%
55.6%	50.1	49.9	-0.2	-0.4%
56.8%	50.0	49.8	-0.2	-0.3%
58.0%	50.0	49.8	-0.2	-0.4%
59.3%	49.9	49.7	-0.2	-0.4%
60.5%	49.9	49.7	-0.2	-0.4%
61.7%	49.9	49.7	-0.2	-0.4%
63.0%	49.9	49.7	-0.2	-0.4%
64.2%	49.7	49.6	-0.1	-0.2%
65.4%	49.7	49.6	-0.1	-0.3%
66.7%	49.6	49.5	-0.1	-0.1%
67.9%	49.6	49.4	-0.2	-0.4%
69.1%	49.4	49.3	0.0	-0.1%
70.4%	49.4	49.3	-0.1	-0.1%
71.6%	49.3	49.2	-0.1	-0.2%
72.8%	49.3	49.2	-0.1	-0.2%
74.1%	49.2	49.2	0.0	0.0%
75.3%	49.0	49.1	0.0	0.1%
76.5%	49.0	49.0	0.0	0.1%
77.8%	49.0	49.0	0.1	0.2%
79.0%	48.9	49.0	0.1	0.2%
80.2%	48.9	48.9	0.0	0.0%
81.5%	48.8	48.9	0.1	0.2%
82.7%	48.7	48.9	0.2	0.4%
84.0%	48.7	48.8	0.2	0.4%
85.2%	48.5	48.8	0.3	0.7%
86.4%	48.4	48.7	0.3	0.6%
87.7%	48.4	48.7	0.3	0.6%
88.9%	48.4	48.5	0.1	0.2%
90.1%	48.3	48.3	0.0	0.0%
91.4%	48.2	48.3	0.1	0.2%
92.6%	48.1	48.2	0.1	0.3%
93.8%	47.9	48.0	0.1	0.2%
95.1%	47.9	47.9	0.0	0.0%
96.3%	47.8	47.8	0.0	0.0%
97.5%	47.8	47.8	0.0	0.0%
98.8%	47.4	47.8	0.4	0.9%
100.0%	47.2	47.2	0.0	0.0%

November

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	52.9	52.7	-0.3	-0.5%
1.2%	51.8	51.9	0.1	0.2%
2.5%	51.7	51.7	0.0	0.1%
3.7%	51.4	51.5	0.2	0.3%
4.9%	50.9	51.1	0.2	0.4%
6.2%	50.8	50.8	0.0	0.0%
7.4%	50.7	50.7	0.0	0.0%
8.6%	50.5	50.6	0.0	0.1%
9.9%	50.3	50.5	0.2	0.4%
11.1%	50.3	50.2	0.0	-0.1%
12.3%	50.2	50.0	-0.2	-0.5%
13.6%	50.1	49.8	-0.4	-0.7%
14.8%	50.0	49.7	-0.3	-0.6%
16.0%	50.0	49.7	-0.3	-0.6%
17.3%	49.8	49.6	-0.2	-0.4%
18.5%	49.7	49.1	-0.6	-1.1%
19.8%	49.2	49.1	-0.1	-0.2%
21.0%	49.1	49.1	-0.1	-0.2%
22.2%	49.1	49.0	-0.1	-0.2%
23.5%	49.1	49.0	-0.1	-0.2%
24.7%	49.0	48.9	-0.1	-0.2%
25.9%	48.9	48.8	-0.1	-0.2%
27.2%	48.9	48.7	-0.2	-0.4%
28.4%	48.9	48.7	-0.2	-0.4%
29.6%	48.8	48.6	-0.2	-0.5%
30.9%	48.8	48.6	-0.2	-0.4%
32.1%	48.7	48.6	-0.2	-0.3%
33.3%	48.7	48.6	-0.2	-0.3%
34.6%	48.7	48.5	-0.1	-0.3%
35.8%	48.6	48.4	-0.2	-0.5%
37.0%	48.6	48.4	-0.2	-0.4%
38.3%	48.5	48.3	-0.2	-0.3%
39.5%	48.4	48.3	-0.1	-0.1%
40.7%	48.4	48.3	0.0	-0.1%
42.0%	48.4	48.2	-0.1	-0.3%
43.2%	48.3	48.2	-0.1	-0.1%
44.4%	48.2	48.2	0.0	-0.1%
45.7%	48.2	48.1	-0.1	-0.2%
46.9%	48.2	48.1	-0.1	-0.2%
48.1%	48.1	48.0	-0.2	-0.3%
49.4%	48.0	47.9	-0.1	-0.2%
50.6%	48.0	47.9	-0.1	-0.2%
51.9%	47.9	47.8	-0.1	-0.2%
53.1%	47.8	47.7	0.0	0.0%
54.3%	47.6	47.7	0.1	0.2%
55.6%	47.6	47.6	0.0	0.0%
56.8%	47.4	47.3	-0.1	-0.2%
58.0%	47.3	47.3	0.0	-0.1%
59.3%	47.2	47.2	0.0	0.0%
60.5%	47.2	47.2	0.0	0.0%
61.7%	47.2	47.2	0.0	0.0%
63.0%	47.2	47.1	0.0	-0.1%
64.2%	47.1	47.1	0.0	-0.1%
65.4%	47.1	47.0	0.0	-0.1%
66.7%	47.1	47.0	0.0	-0.1%
67.9%	47.1	47.0	0.0	-0.1%
69.1%	47.0	47.0	0.0	0.0%
70.4%	46.9	47.0	0.1	0.2%
71.6%	46.9	47.0	0.1	0.3%
72.8%	46.9	46.9	0.0	0.0%
74.1%	46.8	46.8	0.0	0.0%
75.3%	46.8	46.8	0.0	0.1%
76.5%	46.8	46.7	-0.1	-0.1%
77.8%	46.7	46.6	-0.1	-0.2%
79.0%	46.7	46.4	-0.3	-0.6%
80.2%	46.6	46.4	-0.2	-0.5%
81.5%	46.4	46.4	-0.1	-0.1%
82.7%	46.3	46.3	0.0	-0.1%
84.0%	46.3	46.2	-0.1	-0.2%
85.2%	46.3	46.1	-0.2	-0.5%
86.4%	46.1	46.0	-0.1	-0.3%
87.7%	46.0	45.9	-0.1	-0.3%
88.9%	46.0	45.9	-0.1	-0.2%
90.1%	45.8	45.8	0.0	0.0%
91.4%	45.8	45.8	0.1	0.1%
92.6%	45.6	45.8	0.2	0.3%
93.8%	45.6	45.7	0.1	0.3%
95.1%	45.6	45.7	0.1	0.2%
96.3%	45.5	45.5	0.0	0.0%
97.5%	45.1	45.5	0.4	0.9%
98.8%	45.0	45.1	0.0	0.1%
100.0%	44.4	44.8	0.4	1.0%

December

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	46.5	46.7	0.2	0.5%
1.2%	46.5	46.5	0.0	0.1%
2.5%	46.2	46.3	0.1	0.2%
3.7%	45.9	45.8	-0.1	-0.2%
4.9%	45.8	45.7	-0.1	-0.2%
6.2%	45.6	45.7	0.1	0.1%
7.4%	45.5	45.5	0.1	0.1%
8.6%	45.4	45.4	0.0	0.1%
9.9%	45.3	45.3	0.0	0.1%
11.1%	45.1	45.3	0.3	0.6%
12.3%	45.0	45.2	0.2	0.5%
13.6%	45.0	45.1	0.1	0.2%
14.8%	44.8	45.0	0.1	0.2%
16.0%	44.8	44.7	-0.1	-0.1%
17.3%	44.7	44.7	0.0	0.0%
18.5%	44.7	44.6	-0.1	-0.2%
19.8%	44.5	44.6	0.0	0.0%
21.0%	44.5	44.3	-0.2	-0.5%
22.2%	44.5	44.3	-0.2	-0.4%
23.5%	44.4	44.3	-0.1	-0.2%
24.7%	44.3	44.3	-0.1	-0.2%
25.9%	44.3	44.2	-0.1	-0.2%
27.2%	44.2	44.2	0.0	-0.1%
28.4%	44.2	44.1	-0.1	-0.1%
29.6%	44.2	44.1	0.0	-0.1%
30.9%	44.2	44.1	0.0	-0.1%
32.1%	44.1	44.0	-0.1	-0.2%
33.3%	44.0	43.8	-0.2	-0.4%
34.6%	43.8	43.7	-0.1	-0.2%
35.8%	43.8	43.7	0.0	-0.1%
37.0%	43.7	43.7	0.0	0.1%
38.3%	43.6	43.7	0.1	0.1%
39.5%	43.6	43.6	0.0	0.1%
40.7%	43.5	43.5	0.0	0.0%
42.0%	43.4	43.4	0.0	0.0%
43.2%	43.4	43.4	0.0	-0.1%
44.4%	43.4	43.4	0.0	0.0%
45.7%	43.3	43.4	0.1	0.1%
46.9%	43.3	43.3	0.0	0.1%
48.1%	43.3	43.3	0.0	0.1%
49.4%	43.2	43.3	0.1	0.3%
50.6%	43.1	43.0	0.0	-0.1%
51.9%	43.1	43.0	0.0	0.0%
53.1%	43.0	43.0	0.0	0.0%
54.3%	43.0	43.0	0.0	0.0%
55.6%	42.9	42.8	0.0	-0.1%
56.8%	42.9	42.8	0.0	-0.1%
58.0%	42.7	42.6	-0.1	-0.2%
59.3%	42.6	42.6	0.0	-0.1%
60.5%	42.6	42.6	0.0	0.0%
61.7%	42.5	42.5	0.0	0.0%
63.0%	42.5	42.5	0.0	0.0%
64.2%	42.3	42.5	0.1	0.3%
65.4%	42.2	42.2	0.0	0.0%
66.7%	42.2	42.2	0.0	-0.1%
67.9%	42.1	42.1	0.0	0.0%
69.1%	42.1	42.1	0.0	0.1%
70.4%	42.1	42.1	0.0	0.0%
71.6%	42.1	42.1	0.0	0.1%
72.8%	42.0	42.1	0.0	0.1%
74.1%	42.0	42.0	0.0	0.0%
75.3%	42.0	42.0	0.0	-0.1%
76.5%	42.0	42.0	0.0	-0.1%
77.8%	42.0	41.9	0.0	-0.1%
79.0%	42.0	41.9	0.0	-0.1%
80.2%	42.0	41.9	0.0	-0.1%
81.5%	41.9	41.8	-0.1	-0.2%
82.7%	41.8	41.8	-0.1	-0.1%
84.0%	41.8	41.7	-0.1	-0.2%
85.2%	41.7	41.7	0.0	0.0%
86.4%	41.6	41.6	0.0	0.0%
87.7%	41.6	41.6	0.0	0.0%
88.9%	41.5	41.6	0.0	0.1%
90.1%	41.5	41.5	0.0	0.1%
91.4%	41.4	41.4	0.0	-0.1%
92.6%	41.3	41.3	0.0	0.0%
93.8%	41.3	41.2	-0.1	-0.2%
95.1%	41.2	41.2	0.0	-0.1%
96.3%	41.2	41.1	-0.1	-0.2%
97.5%	41.1	41.1	0.0	0.0%
98.8%	41.0	40.9	-0.1	-0.2%
100.0%	40.3	40.2	0.0	0.0%

January

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	44.7	44.3	-0.4	-0.8%
1.2%	43.8	43.8	0.0	0.0%
2.5%	43.8	43.8	0.0	0.0%
3.7%	43.5	43.5	0.0	-0.1%
4.9%	43.5	43.5	-0.1	-0.1%
6.2%	43.4	43.4	0.0	0.0%
7.4%	43.3	43.2	0.0	-0.1%
8.6%	43.2	43.2	0.0	-0.1%
9.9%	43.1	43.1	0.0	0.0%
11.1%	43.0	43.1	0.0	0.1%
12.3%	43.0	43.0	0.0	0.0%
13.6%	43.0	43.0	0.0	0.0%
14.8%	42.9	42.8	0.0	0.0%
16.0%	42.8	42.8	0.0	-0.1%
17.3%	42.8	42.8	0.0	-0.1%
18.5%	42.8	42.7	-0.1	-0.2%
19.8%	42.8	42.7	-0.1	-0.2%
21.0%	42.7	42.7	-0.1	-0.1%
22.2%	42.7	42.6	-0.1	-0.1%
23.5%	42.7	42.6	0.0	-0.1%
24.7%	42.6	42.6	0.0	0.0%
25.9%	42.6	42.6	0.0	0.0%
27.2%	42.5	42.5	0.0	0.0%
28.4%	42.4	42.5	0.1	0.2%
29.6%	42.4	42.4	0.0	0.0%
30.9%	42.3	42.4	0.1	0.3%
32.1%	42.3	42.3	0.0	0.0%
33.3%	42.2	42.3	0.1	0.1%
34.6%	42.2	42.2	0.0	-0.1%
35.8%	42.1	42.2	0.1	0.2%
37.0%	42.0	42.1	0.1	0.2%
38.3%	42.0	42.1	0.1	0.1%
39.5%	41.9	42.0	0.1	0.2%
40.7%	41.9	42.0	0.1	0.2%
42.0%	41.9	41.9	0.0	0.0%
43.2%	41.9	41.9	0.0	0.1%
44.4%	41.8	41.9	0.0	0.1%
45.7%	41.8	41.8	0.0	0.1%
46.9%	41.8	41.8	0.0	0.0%
48.1%	41.8	41.8	0.0	0.1%
49.4%	41.7	41.8	0.1	0.1%
50.6%	41.7	41.8	0.1	0.1%
51.9%	41.7	41.8	0.1	0.2%
53.1%	41.7	41.7	0.0	0.0%
54.3%	41.7	41.7	0.0	0.1%
55.6%	41.6	41.6	0.0	0.0%
56.8%	41.6	41.6	0.0	0.0%
58.0%	41.5	41.6	0.1	0.1%
59.3%	41.5	41.6	0.1	0.2%
60.5%	41.5	41.6	0.1	0.2%
61.7%	41.5	41.5	0.1	0.2%
63.0%	41.4	41.5	0.1	0.3%
64.2%	41.4	41.4	0.0	0.1%
65.4%	41.4	41.4	0.0	0.0%
66.7%	41.3	41.3	0.0	0.0%
67.9%	41.3	41.3	-0.1	-0.1%
69.1%	41.3	41.2	-0.1	-0.2%
70.4%	41.2	41.2	0.0	0.0%
71.6%	41.2	41.2	0.0	0.0%
72.8%	41.2	41.1	-0.1	-0.3%
74.1%	41.2	41.1	-0.1	-0.2%
75.3%	41.1	41.0	0.0	-0.1%
76.5%	41.1	41.0	0.0	0.0%
77.8%	41.0	41.0	-0.1	-0.2%
79.0%	41.0	41.0	0.0	-0.1%
80.2%	41.0	41.0	0.0	-0.1%
81.5%	41.0	40.9	-0.1	-0.2%
82.7%	40.8	40.9	0.1	0.2%
84.0%	40.7	40.9	0.2	0.5%
85.2%	40.6	40.7	0.1	0.2%
86.4%	40.6	40.6	0.0	0.0%
87.7%	40.5	40.5	0.0	0.0%
88.9%	40.5	40.5	0.0	0.0%
90.1%	40.3	40.5	0.2	0.6%
91.4%	40.2	40.3	0.0	0.1%
92.6%	40.0	40.1	0.1	0.3%
93.8%	39.9	40.1	0.2	0.5%
95.1%	39.9	39.9	0.0	0.0%
96.3%	39.8	39.9	0.1	0.2%
97.5%	39.7	39.6	-0.1	-0.3%
98.8%	39.6	39.6	0.0	0.0%
100.0%	39.3	39.2	-0.1	-0.3%

Table SQ-36-3b

Clear Creek below Whiskeytown, Monthly Temperature

Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	45.9	45.8	-0.1	-0.2%
1.2%	45.6	45.6	0.0	0.0%
2.5%	45.2	45.1	-0.1	-0.1%
3.7%	44.8	45.0	0.1	0.3%
4.9%	44.8	44.9	0.1	0.2%
6.2%	44.7	44.8	0.0	0.1%
7.4%	44.7	44.7	0.0	0.1%
8.6%	44.6	44.7	0.1	0.2%
9.9%	44.6	44.6	0.0	0.1%
11.1%	44.5	44.6	0.0	0.0%
12.3%	44.5	44.5	0.0	0.0%
13.6%	44.4	44.5	0.2	0.4%
14.8%	44.3	44.3	0.0	0.0%
16.0%	44.3	44.3	0.0	0.1%
17.3%	44.3	44.3	0.0	0.1%
18.5%	44.2	44.2	0.0	0.0%
19.8%	44.2	44.2	0.0	0.0%
21.0%	44.0	44.0	0.0	0.0%
22.2%	44.0	44.0	0.0	0.0%
23.5%	44.0	44.0	0.0	0.0%
24.7%	43.9	43.9	0.0	0.0%
25.9%	43.9	43.9	0.0	0.0%
27.2%	43.9	43.9	0.0	0.0%
28.4%	43.9	43.9	0.0	0.0%
29.6%	43.8	43.8	0.0	0.0%
30.9%	43.8	43.8	0.0	0.0%
32.1%	43.8	43.8	0.0	0.0%
33.3%	43.7	43.8	0.0	0.1%
34.6%	43.7	43.7	0.0	0.0%
35.8%	43.7	43.7	0.0	0.0%
37.0%	43.5	43.5	0.0	0.0%
38.3%	43.5	43.5	0.0	0.0%
39.5%	43.5	43.5	0.0	0.0%
40.7%	43.4	43.4	0.0	-0.1%
42.0%	43.4	43.4	0.0	0.0%
43.2%	43.3	43.3	0.0	0.0%
44.4%	43.3	43.3	0.1	0.1%
45.7%	43.3	43.3	0.1	0.1%
46.9%	43.2	43.3	0.1	0.2%
48.1%	43.2	43.3	0.1	0.2%
49.4%	43.2	43.3	0.1	0.2%
50.6%	43.2	43.2	0.1	0.2%
51.9%	43.2	43.2	0.1	0.2%
53.1%	43.1	43.2	0.0	0.1%
54.3%	43.1	43.2	0.1	0.1%
55.6%	43.1	43.1	0.0	0.1%
56.8%	43.1	43.1	0.0	0.1%
58.0%	42.9	43.1	0.2	0.4%
59.3%	42.9	43.1	0.2	0.4%
60.5%	42.9	43.1	0.2	0.4%
61.7%	42.8	43.0	0.1	0.3%
63.0%	42.8	43.0	0.1	0.3%
64.2%	42.7	42.9	0.2	0.5%
65.4%	42.7	42.8	0.2	0.4%
66.7%	42.6	42.8	0.2	0.5%
67.9%	42.6	42.7	0.1	0.3%
69.1%	42.6	42.6	0.0	0.1%
70.4%	42.5	42.5	0.0	0.0%
71.6%	42.5	42.5	0.0	0.0%
72.8%	42.5	42.5	0.0	0.0%
74.1%	42.5	42.5	0.0	0.0%
75.3%	42.4	42.5	0.0	0.0%
76.5%	42.4	42.4	0.0	0.0%
77.8%	42.3	42.3	0.0	0.0%
79.0%	42.2	42.2	0.0	0.0%
80.2%	42.2	42.2	0.0	0.0%
81.5%	42.2	42.2	0.0	0.0%
82.7%	42.1	42.1	0.0	0.0%
84.0%	42.1	42.1	0.0	0.1%
85.2%	42.0	42.0	0.0	0.0%
86.4%	42.0	42.0	0.0	0.0%
87.7%	42.0	42.0	0.0	0.0%
88.9%	41.9	41.9	0.0	0.0%
90.1%	41.9	41.9	0.0	-0.1%
91.4%	41.7	41.7	0.0	0.0%
92.6%	41.5	41.5	0.0	0.0%
93.8%	41.5	41.5	0.0	0.0%
95.1%	41.5	41.5	0.0	0.0%
96.3%	41.2	41.2	0.0	0.0%
97.5%	41.1	41.2	0.0	0.1%
98.8%	40.9	41.1	0.2	0.4%
100.0%	40.9	41.0	0.1	0.1%

March				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	49.0	49.0	0.0	0.0%
1.2%	48.3	48.3	0.0	0.0%
2.5%	48.0	48.0	0.0	0.0%
3.7%	48.0	47.9	0.0	0.0%
4.9%	47.8	47.6	-0.2	-0.5%
6.2%	47.8	47.5	-0.3	-0.5%
7.4%	47.7	47.5	-0.2	-0.4%
8.6%	47.6	47.4	-0.2	-0.4%
9.9%	47.5	47.4	-0.1	-0.1%
11.1%	47.4	47.4	0.0	-0.1%
12.3%	47.4	47.4	0.0	0.0%
13.6%	47.3	47.3	0.0	0.0%
14.8%	47.2	47.2	0.0	-0.1%
16.0%	47.2	47.0	-0.2	-0.4%
17.3%	47.2	47.0	-0.2	-0.4%
18.5%	47.1	46.9	-0.2	-0.4%
19.8%	47.1	46.8	-0.3	-0.6%
21.0%	46.9	46.8	-0.1	-0.3%
22.2%	46.8	46.8	0.0	-0.1%
23.5%	46.8	46.7	-0.1	-0.3%
24.7%	46.8	46.5	-0.2	-0.5%
25.9%	46.7	46.5	-0.2	-0.3%
27.2%	46.5	46.5	0.0	0.0%
28.4%	46.5	46.5	0.0	0.0%
29.6%	46.5	46.5	0.0	-0.1%
30.9%	46.5	46.4	-0.1	-0.2%
32.1%	46.5	46.4	-0.1	-0.3%
33.3%	46.5	46.4	-0.2	-0.3%
34.6%	46.5	46.4	-0.1	-0.2%
35.8%	46.4	46.4	-0.1	-0.2%
37.0%	46.4	46.3	-0.1	-0.3%
38.3%	46.4	46.3	-0.1	-0.2%
39.5%	46.4	46.3	-0.1	-0.2%
40.7%	46.3	46.2	-0.1	-0.3%
42.0%	46.1	46.1	0.0	0.0%
43.2%	46.1	46.1	0.0	0.0%
44.4%	46.0	46.0	0.0	0.0%
45.7%	46.0	46.0	0.0	-0.1%
46.9%	46.0	45.9	-0.1	-0.2%
48.1%	45.9	45.8	0.0	-0.1%
49.4%	45.8	45.7	-0.1	-0.3%
50.6%	45.7	45.7	0.0	-0.1%
51.9%	45.7	45.7	-0.1	-0.1%
53.1%	45.7	45.6	0.0	-0.1%
54.3%	45.7	45.6	0.0	-0.1%
55.6%	45.6	45.6	0.0	0.0%
56.8%	45.6	45.6	0.0	0.0%
58.0%	45.5	45.5	-0.1	-0.2%
59.3%	45.5	45.4	-0.1	-0.2%
60.5%	45.5	45.3	-0.2	-0.4%
61.7%	45.3	45.3	0.0	0.0%
63.0%	45.2	45.3	0.0	0.0%
64.2%	45.2	45.2	0.0	0.0%
65.4%	45.2	45.2	0.0	0.0%
66.7%	45.2	45.1	-0.1	-0.2%
67.9%	45.1	45.1	0.0	-0.1%
69.1%	45.1	45.0	0.0	0.0%
70.4%	45.1	45.0	-0.1	-0.2%
71.6%	45.0	45.0	-0.1	-0.1%
72.8%	45.0	45.0	0.0	0.0%
74.1%	45.0	44.9	0.0	-0.1%
75.3%	45.0	44.9	-0.1	-0.2%
76.5%	44.8	44.9	0.0	0.1%
77.8%	44.8	44.8	0.0	0.1%
79.0%	44.8	44.8	0.0	0.0%
80.2%	44.8	44.8	0.0	0.0%
81.5%	44.7	44.7	0.0	0.0%
82.7%	44.7	44.7	0.0	0.0%
84.0%	44.5	44.5	-0.1	-0.1%
85.2%	44.5	44.5	0.0	0.0%
86.4%	44.4	44.4	0.0	-0.1%
87.7%	44.4	44.4	0.0	0.0%
88.9%	44.2	44.2	0.0	0.0%
90.1%	44.2	44.2	0.0	0.1%
91.4%	44.1	44.1	0.0	0.1%
92.6%	44.0	44.0	0.0	0.0%
93.8%	44.0	44.0	0.0	-0.1%
95.1%	43.9	43.9	0.0	0.1%
96.3%	43.9	43.9	0.0	0.1%
97.5%	43.7	43.6	0.0	-0.1%
98.8%	43.5	43.6	0.0	0.1%
100.0%	43.2	43.3	0.1	0.1%

April				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	51.9	51.9	0.0	0.0%
1.2%	51.8	51.9	0.1	0.2%
2.5%	51.7	51.4	-0.3	-0.6%
3.7%	51.0	51.3	0.3	0.6%
4.9%	50.9	51.0	0.1	0.1%
6.2%	50.6	50.6	0.0	0.0%
7.4%	50.6	50.6	-0.1	-0.2%
8.6%	50.6	50.5	-0.1	-0.1%
9.9%	50.5	50.5	-0.1	-0.1%
11.1%	50.5	50.5	0.0	-0.1%
12.3%	50.4	50.4	0.0	-0.1%
13.6%	50.4	50.4	0.0	-0.1%
14.8%	50.4	50.3	0.0	0.0%
16.0%	50.4	50.3	0.0	-0.1%
17.3%	50.3	50.2	-0.1	-0.2%
18.5%	50.2	50.2	0.0	0.0%
19.8%	50.2	50.2	0.0	0.0%
21.0%	50.2	50.2	0.0	0.0%
22.2%	50.2	50.1	-0.1	-0.1%
23.5%	49.9	49.9	0.0	0.0%
24.7%	49.9	49.7	-0.2	-0.3%
25.9%	49.9	49.7	-0.2	-0.4%
27.2%	49.7	49.7	0.0	-0.1%
28.4%	49.7	49.7	-0.1	-0.1%
29.6%	49.7	49.6	-0.1	-0.2%
30.9%	49.7	49.6	-0.1	-0.2%
32.1%	49.7	49.4	-0.2	-0.5%
33.3%	49.6	49.4	-0.2	-0.5%
34.6%	49.4	49.3	-0.1	-0.2%
35.8%	49.4	49.3	-0.1	-0.2%
37.0%	49.3	49.2	-0.1	-0.2%
38.3%	49.3	49.2	-0.1	-0.2%
39.5%	49.2	49.2	0.0	-0.1%
40.7%	49.2	49.1	-0.1	-0.2%
42.0%	49.2	49.0	-0.1	-0.3%
43.2%	49.2	49.0	-0.2	-0.4%
44.4%	49.1	48.9	-0.2	-0.5%
45.7%	49.0	48.8	-0.2	-0.4%
46.9%	48.9	48.8	-0.1	-0.3%
48.1%	48.9	48.8	-0.1	-0.2%
49.4%	48.8	48.6	-0.2	-0.4%
50.6%	48.8	48.6	-0.1	-0.3%
51.9%	48.6	48.6	-0.1	-0.1%
53.1%	48.6	48.5	-0.1	-0.2%
54.3%	48.5	48.5	0.0	-0.1%
55.6%	48.5	48.4	0.0	-0.1%
56.8%	48.5	48.4	0.0	-0.1%
58.0%	48.4	48.4	0.0	-0.1%
59.3%	48.4	48.3	-0.1	-0.2%
60.5%	48.4	48.3	-0.1	-0.2%
61.7%	48.3	48.2	-0.1	-0.3%
63.0%	48.3	48.1	-0.2	-0.3%
64.2%	48.2	48.0	-0.1	-0.3%
65.4%	48.1	48.0	-0.1	-0.2%
66.7%	48.1	48.0	0.0	-0.1%
67.9%	48.1	47.9	-0.1	-0.3%
69.1%	48.0	47.9	-0.2	-0.3%
70.4%	48.0	47.9	-0.1	-0.2%
71.6%	47.9	47.9	-0.1	-0.1%
72.8%	47.9	47.9	0.0	-0.1%
74.1%	47.9	47.8	0.0	-0.1%
75.3%	47.9	47.8	-0.1	-0.2%
76.5%	47.9	47.7	-0.1	-0.3%
77.8%	47.7	47.5	-0.2	-0.5%
79.0%	47.6	47.3	-0.3	-0.6%
80.2%	47.5	47.3	-0.2	-0.4%
81.5%	47.4	47.3	-0.1	-0.2%
82.7%	47.4	47.2	-0.1	-0.3%
84.0%	47.3	47.1	-0.3	-0.5%
85.2%	47.1	47.0	-0.1	-0.2%
86.4%	47.0	46.9	0.0	-0.1%
87.7%	46.9	46.9	0.0	0.0%
88.9%	46.8	46.8	0.0	-0.1%
90.1%	46.7	46.7	0.0	0.0%
91.4%	46.6	46.7	0.0	0.0%
92.6%	46.4	46.4	0.0	0.0%
93.8%	46.1	46.0	0.0	-0.1%
95.1%	45.9	45.9	0.0	0.0%
96.3%	45.5	45.5	0.0	0.0%
97.5%	44.8	44.8	0.0	0.1%
98.8%	44.3	44.4	0.0	0.1%
100.0%	43.9	44.1	0.2	0.3%

May				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	55.1	55.1	0.0	0.0%
1.2%	54.9	54.9	0.0	0.0%
2.5%	54.8	54.9	0.0	0.0%
3.7%	54.6	54.5	0.0	-0.1%
4.9%	54.4	54.4	0.0	0.0%
6.2%	54.4	54.4	0.0	0.0%
7.4%	54.1	54.2	0.1	0.1%
8.6%	54.0	54.1	0.1	0.2%
9.9%	54.0	53.9	-0.1	-0.1%
11.1%	54.0	53.8	-0.1	-0.3%
12.3%	53.7	53.8	0.1	0.3%
13.6%	53.7	53.7	0.0	0.1%
14.8%	53.6	53.6	0.0	0.0%
16.0%	53.6	53.5	0.0	-0.1%
17.3%	53.5	53.5	0.0	0.0%
18.5%	53.5	53.4	-0.1	-0.2%
19.8%	53.4	53.3	0.0	-0.1%
21.0%	53.3	53.3	0.0	-0.1%
22.2%	53.3	53.3	0.0	0.0%
23.5%	53.2	53.2	0.0	0.0%
24.7%	53.2	53.1	-0.1	-0.2%
25.9%	53.0	53.0	0.0	0.1%
27.2%	53.0	53.0	0.0	0.0%
28.4%	53.0	52.9	-0.1	-0.1%
29.6%	53.0	52.9	0.0	-0.1%
30.9%	52.9	52.9	-0.1	-0.1%
32.1%	52.9	52.8	-0.1	-0.2%
33.3%	52.9	52.6	-0.3	-0.5%
34.6%	52.6	52.6	0.0	0.0%
35.8%	52.6	52.6	0.0	-0.1%
37.0%	52.6	52.6	0.0	-0.1%
38.3%	52.6	52.4	-0.2	-0.3%
39.5%	52.4	52.4	-0.1	-0.1%
40.7%	52.3	52.3	0.0	0.0%
42.0%	52.3	52.1	-0.2	-0.4%
43.2%	52.1	52.1	0.0	-0.1%
44.4%	52.1	52.1	0.0	-0.1%
45.7%	52.1	52.0	-0.1	-0.1%
46.9%	52.0	52.0	0.0	0.0%
48.1%	52.0	52.0	0.0	0.0%
49.4%	51.9	51.8	-0.1	-0.1%
50.6%	51.9	51.8	-0.1	-0.1%
51.9%	51.9	51.8	0.0	-0.1%
53.1%	51.8	51.8	0.0	-0.1%
54.3%	51.8	51.7	-0.1	-0.1%
55.6%	51.7	51.6	0.0	-0.1%
56.8%	51.6	51.6	0.0	0.0%
58.0%	51.5	51.6	0.1	0.1%
59.3%	51.5	51.5	0.0	0.0%
60.5%	51.5	51.5	0.0	0.1%
61.7%	51.5	51.5	0.0	0.1%
63.0%	51.4	51.4	0.0	0.0%
64.2%	51.3	51.3	0.0	0.1%
65.4%	51.2	51.2	0.0	0.0%
66.7%	51.2	51.2	0.0	0.1%
67.9%	51.1	51.2	0.1	0.1%
69.1%	51.0	51.1	0.1	0.3%
70.4%	50.9	51.0	0.1	0.2%
71.6%	50.9	50.9	0.1	0.1%
72.8%	50.8	50.9	0.1	0.2%
74.1%	50.8	50.8	0.0	0.0%
75.3%	50.5	50.7	0.1	0.3%
76.5%	50.4	50.6	0.2	0.4%
77.8%	50.2	50.4	0.2	0.3%
79.0%	50.2	50.2	0.0	0.1%
80.2%	50.1	50.1	0.0	0.1%
81.5%	50.0	50.0	0.1	0.1%
82.7%	49.8	49.9	0.2	0.3%
84.0%	49.6	49.8	0.3	0.5%
85.2%	49.4	49.6	0.1	0.3%
86.4%	49.4	49.4	0.0	0.0%
87.7%	49.3	49.3	0.0	0.1%
88.9%	49.3	49.3	0.0	0.0%
90.1%	49.3	49.1	-0.2	-0.4%
91.4%	48.7	48.7	0.0	0.0%
92.6%	48.5	48.5	0.0	0.1%
93.8%	48.3	48.3	0.0	0.0%
95.1%	47.9	48.0	0.1	0.2%
96.3%	46.6	46.7	0.1	0.2%
97.5%	46.3	46.6	0.3	0.6%
98.8%	46.1	46.1	0.0	0.0%
100.0%	45.7	45.8	0.0	0.1%

Table SQ-36-3b

Clear Creek below Whiskeytown, Monthly Temperature
Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	57.3	57.5	0.2	0.4%
1.2%	57.2	57.2	0.0	-0.1%
2.5%	56.9	57.2	0.2	0.4%
3.7%	56.8	56.9	0.1	0.2%
4.9%	56.5	56.8	0.3	0.5%
6.2%	56.5	56.2	-0.3	-0.4%
7.4%	56.4	56.1	-0.3	-0.6%
8.6%	56.1	55.9	-0.1	-0.2%
9.9%	55.9	55.8	-0.1	-0.1%
11.1%	55.8	55.8	0.0	0.0%
12.3%	55.8	55.8	0.0	0.0%
13.6%	55.7	55.7	0.0	0.0%
14.8%	55.7	55.7	0.0	0.0%
16.0%	55.7	55.6	-0.1	-0.2%
17.3%	55.5	55.6	0.1	0.1%
18.5%	55.5	55.5	0.0	0.0%
19.8%	55.4	55.5	0.1	0.1%
21.0%	55.4	55.4	0.0	0.0%
22.2%	55.0	55.4	0.4	0.8%
23.5%	55.0	55.1	0.1	0.2%
24.7%	54.8	54.9	0.0	0.1%
25.9%	54.8	54.8	0.0	0.0%
27.2%	54.8	54.8	0.0	-0.1%
28.4%	54.6	54.8	0.1	0.2%
29.6%	54.5	54.4	0.0	0.0%
30.9%	54.2	54.2	0.0	0.0%
32.1%	54.1	54.1	0.0	0.1%
33.3%	54.1	54.1	0.0	0.0%
34.6%	53.9	54.0	0.2	0.3%
35.8%	53.8	53.9	0.1	0.2%
37.0%	53.8	53.9	0.0	0.1%
38.3%	53.8	53.8	0.0	0.1%
39.5%	53.7	53.8	0.1	0.2%
40.7%	53.4	53.7	0.3	0.6%
42.0%	53.4	53.6	0.3	0.5%
43.2%	53.3	53.4	0.1	0.1%
44.4%	53.2	53.3	0.1	0.1%
45.7%	53.2	53.2	0.0	0.0%
46.9%	53.1	53.2	0.1	0.1%
48.1%	53.0	53.0	0.0	0.0%
49.4%	53.0	52.9	0.0	0.0%
50.6%	52.9	52.9	0.0	-0.1%
51.9%	52.8	52.8	0.0	0.0%
53.1%	52.8	52.8	0.0	0.0%
54.3%	52.7	52.8	0.0	0.1%
55.6%	52.6	52.7	0.1	0.1%
56.8%	52.5	52.5	0.0	0.0%
58.0%	52.5	52.5	0.0	-0.1%
59.3%	52.4	52.4	0.0	0.0%
60.5%	52.1	52.2	0.0	0.1%
61.7%	51.9	51.9	0.0	0.0%
63.0%	51.9	51.9	0.0	0.0%
64.2%	51.7	51.9	0.2	0.4%
65.4%	51.7	51.8	0.1	0.2%
66.7%	51.6	51.7	0.0	0.1%
67.9%	51.6	51.6	0.0	0.0%
69.1%	51.6	51.6	0.0	0.0%
70.4%	51.6	51.6	0.0	0.0%
71.6%	51.5	51.5	0.0	0.0%
72.8%	51.5	51.5	0.0	0.0%
74.1%	51.2	51.5	0.3	0.5%
75.3%	50.9	51.0	0.0	0.1%
76.5%	50.9	50.9	0.0	-0.1%
77.8%	50.8	50.7	-0.1	-0.3%
79.0%	50.7	50.6	-0.1	-0.3%
80.2%	50.7	50.6	-0.1	-0.2%
81.5%	50.6	50.5	0.0	0.0%
82.7%	50.5	50.1	-0.4	-0.8%
84.0%	50.1	50.0	-0.1	-0.1%
85.2%	49.9	49.9	0.0	0.0%
86.4%	49.9	49.8	-0.1	-0.2%
87.7%	49.8	49.8	0.0	0.0%
88.9%	49.7	49.7	0.0	0.0%
90.1%	49.6	49.7	0.1	0.1%
91.4%	49.4	49.7	0.3	0.5%
92.6%	49.2	49.5	0.4	0.7%
93.8%	49.1	49.2	0.1	0.1%
95.1%	49.1	49.1	0.0	0.0%
96.3%	48.9	49.0	0.0	0.0%
97.5%	47.4	47.4	0.0	0.0%
98.8%	46.7	46.7	0.0	0.0%
100.0%	46.6	46.7	0.0	0.1%

July				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.4	59.6	-0.8	-1.3%
1.2%	59.4	58.5	-0.8	-1.4%
2.5%	59.0	58.4	-0.6	-1.1%
3.7%	58.9	56.6	-2.3	-3.9%
4.9%	58.7	56.6	-2.1	-3.5%
6.2%	57.7	56.3	-1.4	-2.4%
7.4%	56.5	55.4	-1.2	-2.1%
8.6%	55.4	55.3	0.0	-0.1%
9.9%	54.5	54.8	0.3	0.6%
11.1%	54.4	54.6	0.2	0.3%
12.3%	54.4	54.4	0.1	0.1%
13.6%	54.3	54.4	0.1	0.1%
14.8%	54.3	54.3	0.0	0.1%
16.0%	54.3	54.2	0.0	-0.1%
17.3%	54.3	54.1	-0.1	-0.2%
18.5%	54.0	54.1	0.1	0.2%
19.8%	53.7	54.1	0.4	0.7%
21.0%	53.7	54.0	0.3	0.6%
22.2%	53.6	53.8	0.2	0.4%
23.5%	53.5	53.7	0.2	0.3%
24.7%	53.4	53.6	0.2	0.4%
25.9%	53.2	53.6	0.4	0.8%
27.2%	53.2	53.1	-0.1	-0.2%
28.4%	53.1	53.0	0.0	-0.1%
29.6%	52.9	53.0	0.0	0.1%
30.9%	52.9	52.9	0.0	0.0%
32.1%	52.9	52.8	-0.1	-0.1%
33.3%	52.8	52.7	-0.1	-0.3%
34.6%	52.7	52.6	-0.1	-0.3%
35.8%	52.6	52.6	0.0	-0.1%
37.0%	52.5	52.6	0.0	0.0%
38.3%	52.5	52.5	0.0	0.0%
39.5%	52.3	52.5	0.2	0.4%
40.7%	52.3	52.4	0.1	0.1%
42.0%	52.3	52.2	0.0	-0.1%
43.2%	52.2	52.1	0.0	0.0%
44.4%	52.1	52.1	0.1	0.2%
45.7%	52.0	52.1	0.1	0.3%
46.9%	51.9	52.1	0.1	0.3%
48.1%	51.9	52.0	0.1	0.1%
49.4%	51.9	51.9	0.1	0.1%
50.6%	51.9	51.9	0.1	0.1%
51.9%	51.9	51.9	0.0	0.0%
53.1%	51.8	51.9	0.0	0.0%
54.3%	51.8	51.8	0.0	0.1%
55.6%	51.7	51.8	0.1	0.2%
56.8%	51.6	51.7	0.1	0.2%
58.0%	51.6	51.7	0.2	0.3%
59.3%	51.6	51.7	0.1	0.2%
60.5%	51.4	51.6	0.2	0.3%
61.7%	51.4	51.4	0.1	0.1%
63.0%	51.3	51.4	0.1	0.2%
64.2%	51.2	51.3	0.1	0.2%
65.4%	51.2	51.3	0.1	0.2%
66.7%	51.1	51.2	0.0	0.1%
67.9%	51.1	51.1	0.1	0.1%
69.1%	51.0	50.9	0.0	0.0%
70.4%	50.9	50.9	0.0	0.0%
71.6%	50.8	50.9	0.1	0.2%
72.8%	50.7	50.9	0.2	0.4%
74.1%	50.6	50.7	0.1	0.2%
75.3%	50.6	50.7	0.1	0.2%
76.5%	50.6	50.7	0.1	0.1%
77.8%	50.5	50.6	0.0	0.1%
79.0%	50.5	50.5	0.0	0.1%
80.2%	50.5	50.5	0.0	0.0%
81.5%	50.3	50.4	0.1	0.2%
82.7%	50.3	50.4	0.1	0.2%
84.0%	50.3	50.1	-0.1	-0.2%
85.2%	50.2	50.1	-0.1	-0.2%
86.4%	50.1	50.1	0.0	0.0%
87.7%	49.9	50.1	0.1	0.3%
88.9%	49.9	50.0	0.0	0.0%
90.1%	49.9	49.9	0.1	0.1%
91.4%	49.8	49.8	0.0	0.0%
92.6%	49.8	49.8	0.0	-0.1%
93.8%	49.8	49.4	-0.4	-0.8%
95.1%	49.7	49.4	-0.3	-0.6%
96.3%	48.8	48.8	0.0	0.1%
97.5%	48.8	48.6	-0.1	-0.2%
98.8%	48.1	48.1	0.0	0.0%
100.0%	47.6	47.7	0.0	0.1%

August				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.5	57.9	-1.5	-2.6%
1.2%	58.9	57.2	-1.7	-2.8%
2.5%	57.6	56.6	-1.0	-1.8%
3.7%	56.8	55.7	-1.1	-2.0%
4.9%	56.3	55.4	-0.9	-1.5%
6.2%	55.7	55.3	-0.3	-0.6%
7.4%	55.7	55.3	-0.3	-0.6%
8.6%	55.3	54.9	-0.4	-0.7%
9.9%	55.1	54.9	-0.2	-0.3%
11.1%	54.9	54.4	-0.5	-1.0%
12.3%	54.5	54.3	-0.2	-0.3%
13.6%	54.5	54.3	-0.2	-0.3%
14.8%	54.3	54.1	-0.2	-0.4%
16.0%	54.3	54.1	-0.2	-0.3%
17.3%	54.2	54.0	-0.1	-0.2%
18.5%	54.1	53.9	-0.2	-0.4%
19.8%	53.9	53.7	-0.2	-0.3%
21.0%	53.8	53.7	-0.1	-0.2%
22.2%	53.6	53.6	0.0	-0.1%
23.5%	53.6	53.5	-0.1	-0.2%
24.7%	53.4	53.3	0.0	-0.1%
25.9%	53.1	53.1	0.0	0.0%
27.2%	53.1	53.0	0.0	-0.1%
28.4%	53.0	53.0	0.0	0.1%
29.6%	52.9	53.0	0.0	0.1%
30.9%	52.9	52.8	-0.1	-0.2%
32.1%	52.7	52.7	0.0	0.0%
33.3%	52.7	52.7	0.0	0.0%
34.6%	52.6	52.7	0.0	0.1%
35.8%	52.6	52.6	0.0	0.0%
37.0%	52.5	52.6	0.0	0.1%
38.3%	52.5	52.5	0.0	-0.1%
39.5%	52.5	52.4	-0.1	-0.2%
40.7%	52.4	52.3	-0.1	-0.1%
42.0%	52.3	52.2	0.0	0.0%
43.2%	52.2	52.1	-0.1	-0.2%
44.4%	52.2	52.1	-0.1	-0.1%
45.7%	52.2	52.1	0.0	-0.1%
46.9%	52.1	52.0	-0.1	-0.2%
48.1%	52.0	52.0	-0.1	-0.1%
49.4%	51.9	51.9	0.0	0.0%
50.6%	51.9	51.8	-0.1	-0.2%
51.9%	51.9	51.8	-0.1	-0.2%
53.1%	51.7	51.8	0.1	0.2%
54.3%	51.5	51.6	0.1	0.2%
55.6%	51.4	51.6	0.2	0.3%
56.8%	51.4	51.5	0.1	0.2%
58.0%	51.4	51.5	0.1	0.2%
59.3%	51.4	51.5	0.1	0.2%
60.5%	51.2	51.4	0.1	0.3%
61.7%	51.2	51.3	0.1	0.2%
63.0%	51.1	51.3	0.1	0.2%
64.2%	51.1	51.2	0.1	0.2%
65.4%	51.1	51.2	0.1	0.2%
66.7%	51.1	51.2	0.1	0.2%
67.9%	51.1	51.1	0.1	0.1%
69.1%	51.1	51.1	0.1	0.1%
70.4%	51.0	51.1	0.2	0.3%
71.6%	50.9	51.1	0.2	0.4%
72.8%	50.9	51.1	0.2	0.4%
74.1%	50.8	51.0	0.2	0.4%
75.3%	50.8	50.9	0.2	0.3%
76.5%	50.8	50.9	0.1	0.2%
77.8%	50.7	50.8	0.1	0.2%
79.0%	50.7	50.8	0.1	0.2%
80.2%	50.7	50.8	0.1	0.2%
81.5%	50.7	50.8	0.1	0.3%
82.7%	50.6	50.7	0.1	0.2%
84.0%	50.5	50.6	0.2	0.3%
85.2%	50.4	50.6	0.1	0.2%
86.4%	50.4	50.5	0.1	0.2%
87.7%	50.4	50.5	0.2	0.3%
88.9%	50.3	50.4	0.1	0.2%
90.1%	50.2	50.4	0.2	0.4%
91.4%	50.1	50.4	0.3	0.6%
92.6%	50.1	50.4	0.3	0.6%
93.8%	50.0	50.2	0.2	0.5%
95.1%	49.7	50.1	0.4	0.9%
96.3%	49.5	49.9	0.4	0.8%
97.5%	49.5	49.7	0.2	0.3%
98.8%	49.5	49.4	-0.1	-0.1%
100.0%	49.2	49.4	0.2	0.5%

September				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	63.4	59.9	-3.6	-5.6%
1.2%	60.8	58.9	-1.9	-3.2%
2.5%	59.3	58.7	-0.6	-1.1%
3.7%	58.9	58.3	-0.6	-0.9%
4.9%	57.7	56.8	-0.9	-1.6%
6.2%	57.6	56.4	-1.1	-2.0%
7.4%	57.4	55.9	-1.6	-2.7%
8.6%	56.7	55.6	-1.1	-1.9%
9.9%	56.6	55.3	-1.3	-2.2%
11.1%	56.4	55.0	-1.3	-2.3%
12.3%	56.3	55.0	-1.3	-2.3%
13.6%	55.5	54.6	-0.9	-1.6%
14.8%	54.5	54.2	-0.3	-0.6%
16.0%	54.2	54.0	-0.2	-0.4%
17.3%	54.2	54.0	-0.2	-0.4%
18.5%	54.1	53.2	-0.9	-1.6%
19.8%	53.8	53.1	-0.7	-1.3%
21.0%	53.2	52.9	-0.3	-0.5%
22.2%	53.2	52.8	-0.4	-0.7%
23.5%	53.1	52.8	-0.3	-0.6%
24.7%	53.1	52.7	-0.4	-0.8%
25.9%	53.1	52.5	-0.6	-1.1%
27.2%	53.0	52.3	-0.7	-1.3%
28.4%	52.8	52.1	-0.7	-1.4%
29.6%	52.3	52.1	-0.2	-0.4%
30.9%	52.2	52.1	-0.1	-0.2%
32.1%	52.1	52.0	-0.1	-0.1%
33.3%	52.1	52.0	-0.1	-0.1%
34.6%	52.0	52.0	0.0	-0.1%
35.8%	51.9	51.8	0.0	-0.1%
37.0%	51.8	51.7	-0.1	-0.3%
38.3%	51.8	51.7	-0.1	-0.3%
39.5%	51.7	51.6	-0.1	-0.2%
40.7%	51.7	51.6	-0.1	-0.1%
42.0%	51.5	51.4	-0.1	-0.3%
43.2%	51.5	51.3	-0.1	-0.2%
44.4%	51.4	51.3	0.0	-0.1%
45.7%	51.1	51.1	0.0	0.1%
46.9%	51.1	51.0	-0.1	-0.1%
48.1%	51.0	51.0	0.0	0.0%
49.4%	51.0	50.9	0.0	-0.1%
50.6%	50.9	50.9	0.0	0.0%
51.9%	50.8	50.8	0.0	0.0%
53.1%	50.8	50.8	0.0	0.1%
54.3%	50.8	50.8	0.0	0.0%
55.6%	50.7	50.8	0.0	0.1%
56.8%	50.7	50.8	0.1	0.1%
58.0%	50.7	50.8	0.1	0.2%
59.3%	50.7	50.7	0.1	0.2%
60.5%	50.7	50.6	0.0	0.0%
61.7%	50.7	50.6	0.0	0.0%
63.0%	50.6	50.6	0.0	0.0%
64.2%	50.6	50.6	0.0	0.1%
65.4%	50.5	50.6	0.0	0.1%
66.7%	50.5	50.5	0.1	0.1%
67.9%	50.5	50.5	0.1	0.1%
69.1%	50.4	50.5	0.1	0.2%
70.4%	50.4	50.5	0.1	0.2%
71.6%	50.4	50.4	0.0	0.0%
72.8%	50.4	50.4	0.0	0.0%
74.1%	50.4	50.4	0.0	0.0%
75.3%	50.3	50.3	0.0	-0.1%
76.5%	50.3	50.3	0.0	-0.1%
77.8%	50.2	50.1	0.0	0.0%
79.0%	50.1	50.1	0.0	0.0%
80.2%	50.1	50.1	0.0	0.0%
81.5%	50.1	50.1	0.0	0.0%
82.7%	50.0	50.1	0.1	0.2%
84.0%	50.0	50.1	0.1	0.2%
85.2%	50.0	50.0	0.1	0.1%
86.4%	49.9	50.0	0.1	0.2%
87.7%	49.9	50.0	0.1	0.2%
88.9%	49.7	49.9	0.2	0.4%
90.1%	49.6	49.8	0.2	0.4%
91.4%	49.5	49.6	0.1	0.2%
92.6%	49.5	49.5	-0.1	-0.1%
93.8%	49.3	49.3	0.0	0.0%
95.1%	49.3	49.2	-0.1	-0.1%
96.3%	49.1	49.1	0.0	0.0%
97.5%	48.9	49.1	0.1	0.3%
98.8%	48.8	48.9	0.2	0.3%
100.0%	48.7	48.6	-0.1	-0.2%

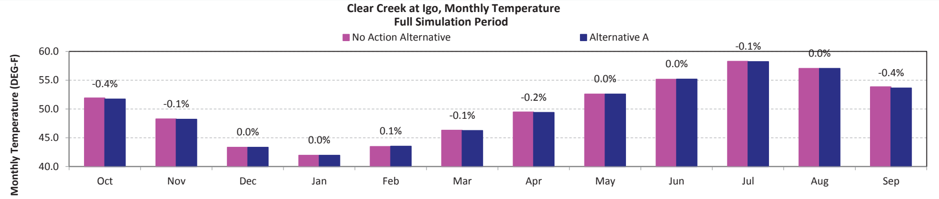
Table SQ-37-3a
Clear Creek at Igo, Monthly Temperature
Long-term Average and Average by Water Year Type

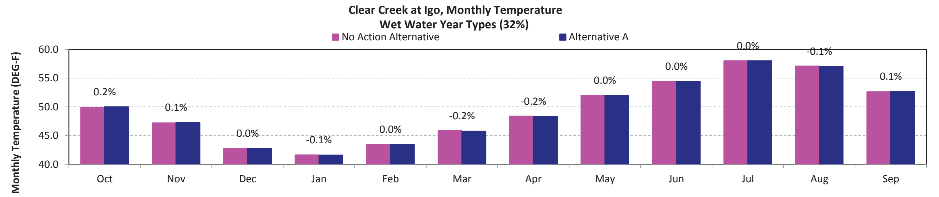
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	51.9	48.3	43.3	41.9	43.5	46.3	49.5	52.6	55.2	58.3	57.0	53.9
Alternative A	51.7	48.2	43.3	42.0	43.5	46.3	49.4	52.6	55.2	58.2	57.0	53.6
Difference	-0.2	-0.1	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	-0.2
Percent Difference[3]	-0.4%	-0.1%	0.0%	0.0%	0.1%	-0.1%	-0.2%	0.0%	0.0%	-0.1%	0.0%	-0.4%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	49.9	47.2	42.8	41.6	43.5	45.9	48.4	52.0	54.4	58.0	57.1	52.6
Alternative A	50.0	47.3	42.8	41.6	43.5	45.8	48.3	52.0	54.4	58.0	57.1	52.7
Difference	0.1	0.1	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0
Percent Difference	0.2%	0.1%	0.0%	-0.1%	0.0%	-0.2%	-0.2%	0.0%	0.0%	0.0%	-0.1%	0.1%
Above Normal (15%)												
No Action Alternative	51.3	47.9	43.5	42.3	43.6	46.2	49.0	53.2	56.3	60.1	57.4	53.3
Alternative A	51.2	47.8	43.4	42.2	43.6	46.2	49.0	53.2	56.2	59.7	57.3	53.2
Difference	-0.2	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.4	-0.1	-0.1
Percent Difference	-0.3%	-0.1%	-0.1%	-0.1%	0.0%	-0.1%	0.0%	0.0%	-0.1%	-0.7%	-0.2%	-0.3%
Below Normal (17%)												
No Action Alternative	52.4	48.4	43.4	41.8	42.9	46.0	49.6	53.2	54.8	58.3	57.1	54.0
Alternative A	52.1	48.4	43.4	41.8	43.0	46.0	49.5	53.2	54.8	58.2	57.2	53.9
Difference	-0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1
Percent Difference	-0.6%	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.2%
Dry (22%)												
No Action Alternative	52.0	49.0	43.7	42.0	43.4	46.5	50.7	52.7	55.1	57.7	56.2	53.6
Alternative A	51.8	48.8	43.7	42.1	43.5	46.5	50.4	52.7	55.3	57.7	56.4	53.6
Difference	-0.2	-0.1	0.0	0.0	0.1	-0.1	-0.2	0.1	0.2	0.1	0.2	0.0
Percent Difference	-0.3%	-0.3%	-0.1%	0.1%	0.2%	-0.1%	-0.5%	0.1%	0.3%	0.1%	0.3%	-0.1%
Critical (15%)												
No Action Alternative	56.2	49.7	43.9	42.3	44.2	47.3	50.4	52.5	56.2	57.8	57.6	57.2
Alternative A	55.4	49.5	43.9	42.4	44.3	47.3	50.5	52.5	56.1	58.0	57.5	55.9
Difference	-0.8	-0.3	0.0	0.1	0.0	0.0	0.1	0.0	-0.1	0.2	-0.1	-1.2
Percent Difference	-1.5%	-0.5%	0.0%	0.1%	0.1%	-0.1%	0.2%	0.1%	-0.1%	0.3%	-0.1%	-2.2%

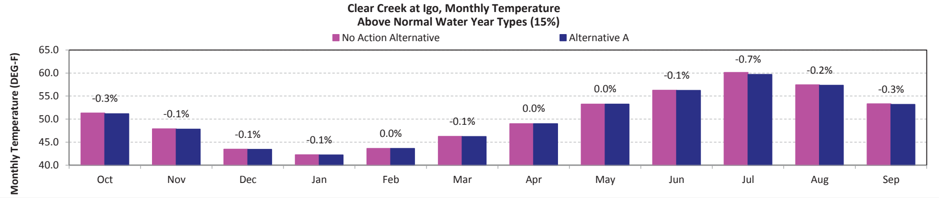
1 Based on the 82-year simulation period

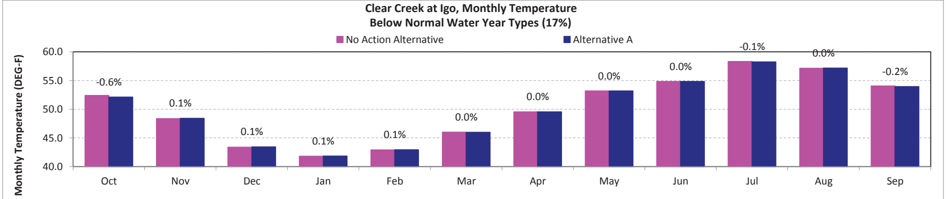
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

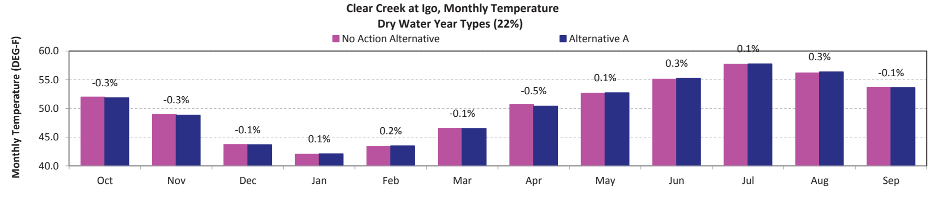
3 Relative difference of the monthly average


Clear Creek at Igo, Monthly Temperature
Full Simulation Period


Clear Creek at Igo, Monthly Temperature
Wet Water Year Types (32%)


Clear Creek at Igo, Monthly Temperature
Above Normal Water Year Types (15%)


Clear Creek at Igo, Monthly Temperature
Below Normal Water Year Types (17%)


Clear Creek at Igo, Monthly Temperature
Dry Water Year Types (22%)

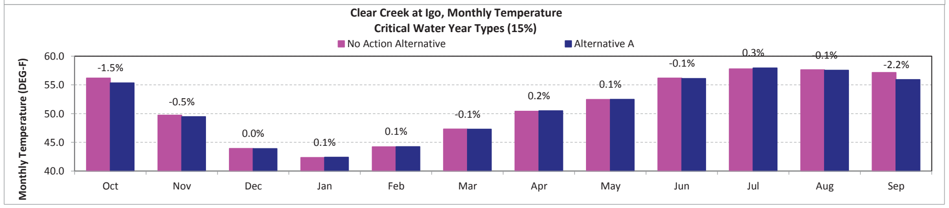

Clear Creek at Igo, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-37-3b
Clear Creek at Igo, Monthly Temperature
Probability of Exceedance

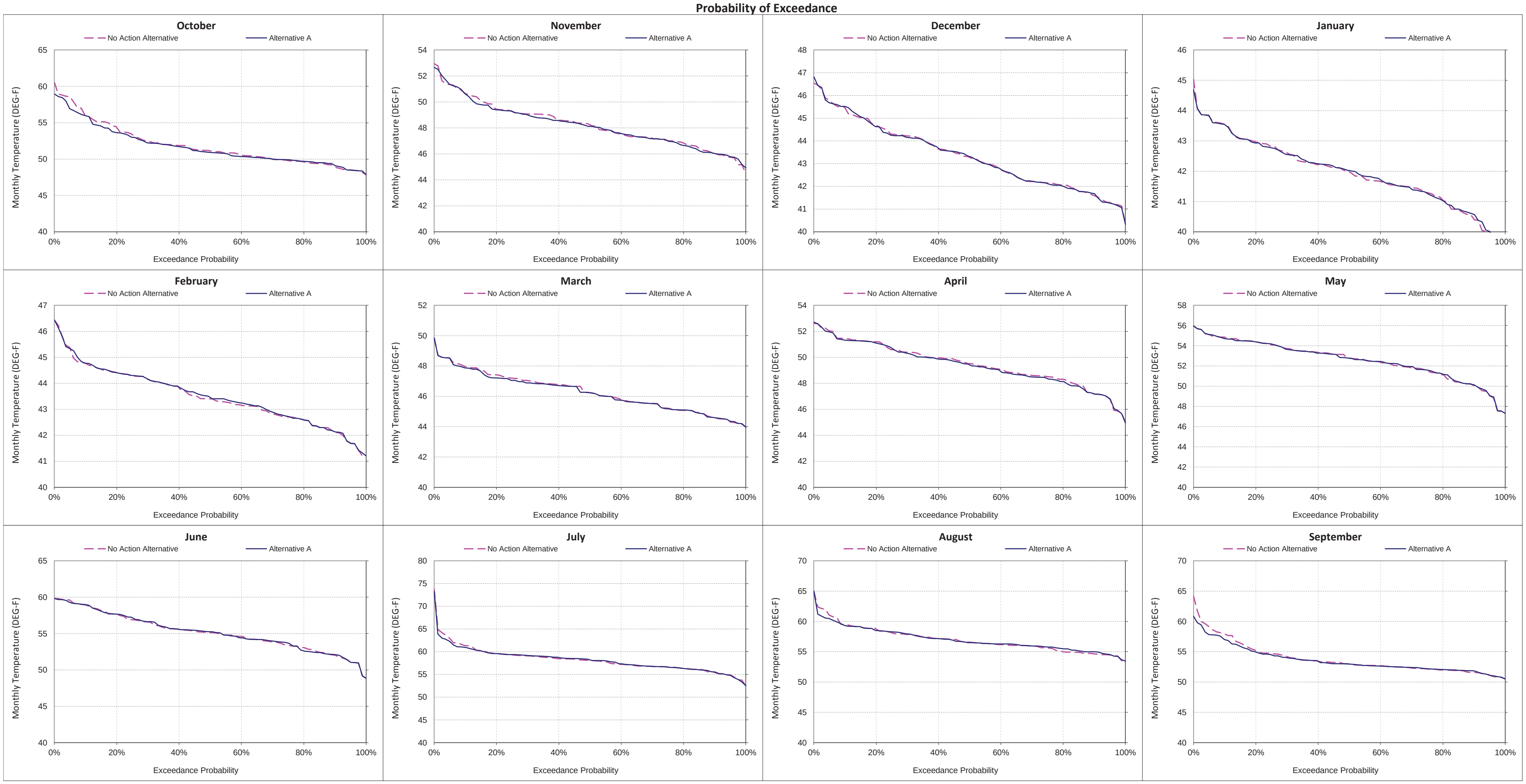


Table SQ-37-3b

Clear Creek at Igo, Monthly Temperature

Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.6	58.9	-1.6	-2.7%
1.2%	58.9	58.6	-0.3	-0.6%
2.5%	58.8	58.5	-0.3	-0.6%
3.7%	58.6	58.0	-0.6	-1.1%
4.9%	58.6	56.9	-1.7	-2.8%
6.2%	57.9	56.7	-1.2	-2.1%
7.4%	57.1	56.4	-0.7	-1.2%
8.6%	57.0	56.1	-0.8	-1.5%
9.9%	56.0	55.9	0.0	0.0%
11.1%	55.8	55.9	0.0	0.1%
12.3%	55.4	54.8	-0.6	-1.1%
13.6%	55.1	54.7	-0.5	-0.9%
14.8%	55.1	54.6	-0.6	-1.0%
16.0%	55.1	54.3	-0.8	-1.5%
17.3%	55.0	54.3	-0.7	-1.3%
18.5%	54.6	53.8	-0.8	-1.5%
19.8%	54.5	53.6	-0.8	-1.5%
21.0%	53.8	53.6	-0.1	-0.3%
22.2%	53.7	53.5	-0.2	-0.4%
23.5%	53.7	53.3	-0.3	-0.6%
24.7%	53.5	53.0	-0.5	-0.9%
25.9%	53.1	53.0	-0.1	-0.2%
27.2%	52.9	52.7	-0.2	-0.4%
28.4%	52.6	52.6	-0.1	-0.1%
29.6%	52.5	52.2	-0.3	-0.5%
30.9%	52.4	52.2	-0.2	-0.4%
32.1%	52.2	52.2	0.0	-0.1%
33.3%	52.2	52.1	-0.1	-0.1%
34.6%	52.0	52.0	0.0	0.1%
35.8%	52.0	52.0	0.0	0.0%
37.0%	52.0	51.9	-0.1	-0.2%
38.3%	51.9	51.8	-0.1	-0.2%
39.5%	51.9	51.7	-0.1	-0.3%
40.7%	51.9	51.7	-0.2	-0.4%
42.0%	51.9	51.6	-0.2	-0.4%
43.2%	51.5	51.5	0.0	0.0%
44.4%	51.3	51.2	-0.2	-0.3%
45.7%	51.3	51.2	-0.1	-0.2%
46.9%	51.2	51.1	-0.2	-0.3%
48.1%	51.2	51.0	-0.2	-0.4%
49.4%	51.2	50.9	-0.3	-0.5%
50.6%	51.1	50.9	-0.2	-0.3%
51.9%	51.0	50.9	-0.2	-0.3%
53.1%	51.0	50.8	-0.2	-0.4%
54.3%	50.9	50.8	-0.1	-0.2%
55.6%	50.8	50.7	-0.1	-0.2%
56.8%	50.8	50.5	-0.4	-0.7%
58.0%	50.8	50.4	-0.4	-0.7%
59.3%	50.6	50.4	-0.3	-0.6%
60.5%	50.5	50.3	-0.2	-0.3%
61.7%	50.5	50.3	-0.2	-0.3%
63.0%	50.4	50.3	-0.1	-0.3%
64.2%	50.4	50.2	-0.1	-0.2%
65.4%	50.3	50.2	-0.1	-0.2%
66.7%	50.3	50.1	-0.1	-0.2%
67.9%	50.2	50.1	-0.1	-0.2%
69.1%	50.1	50.1	0.0	0.0%
70.4%	49.9	50.0	0.0	0.1%
71.6%	49.9	50.0	0.0	0.1%
72.8%	49.9	49.9	0.0	0.1%
74.1%	49.9	49.9	0.0	0.0%
75.3%	49.8	49.9	0.1	0.3%
76.5%	49.7	49.8	0.1	0.2%
77.8%	49.7	49.8	0.1	0.2%
79.0%	49.7	49.7	0.0	0.1%
80.2%	49.6	49.7	0.1	0.2%
81.5%	49.5	49.7	0.2	0.3%
82.7%	49.4	49.6	0.2	0.4%
84.0%	49.4	49.5	0.1	0.2%
85.2%	49.4	49.5	0.1	0.2%
86.4%	49.4	49.5	0.1	0.2%
87.7%	49.2	49.4	0.2	0.3%
88.9%	49.2	49.4	0.2	0.4%
90.1%	48.9	49.1	0.2	0.5%
91.4%	48.8	49.0	0.2	0.5%
92.6%	48.6	48.9	0.3	0.6%
93.8%	48.5	48.5	0.0	0.0%
95.1%	48.5	48.5	0.0	-0.1%
96.3%	48.4	48.5	0.0	0.0%
97.5%	48.4	48.4	0.0	0.0%
98.8%	48.2	48.4	0.2	0.4%
100.0%	47.8	47.9	0.0	0.0%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.0	52.7	-0.3	-0.6%
1.2%	52.8	52.5	-0.3	-0.5%
2.5%	51.6	52.0	0.4	0.7%
3.7%	51.4	51.7	0.3	0.6%
4.9%	51.3	51.4	0.0	0.0%
6.2%	51.3	51.2	-0.1	-0.1%
7.4%	51.0	51.2	0.1	0.2%
8.6%	50.9	51.0	0.1	0.1%
9.9%	50.7	50.6	0.0	0.0%
11.1%	50.5	50.4	-0.1	-0.2%
12.3%	50.5	50.1	-0.4	-0.7%
13.6%	50.4	49.9	-0.6	-1.1%
14.8%	50.1	49.8	-0.3	-0.7%
16.0%	50.0	49.8	-0.2	-0.4%
17.3%	49.9	49.8	-0.1	-0.2%
18.5%	49.8	49.5	-0.4	-0.8%
19.8%	49.4	49.4	0.0	-0.1%
21.0%	49.4	49.4	0.0	-0.1%
22.2%	49.4	49.3	-0.1	-0.1%
23.5%	49.4	49.3	-0.1	-0.1%
24.7%	49.3	49.3	0.0	0.1%
25.9%	49.2	49.2	0.0	0.0%
27.2%	49.1	49.1	0.0	0.0%
28.4%	49.1	49.1	0.0	-0.1%
29.6%	49.1	49.0	0.0	-0.1%
30.9%	49.1	48.9	-0.2	-0.3%
32.1%	49.1	48.8	-0.2	-0.5%
33.3%	49.1	48.8	-0.3	-0.5%
34.6%	49.0	48.8	-0.3	-0.6%
35.8%	49.0	48.7	-0.3	-0.6%
37.0%	49.0	48.7	-0.3	-0.6%
38.3%	48.9	48.6	-0.3	-0.6%
39.5%	48.6	48.6	0.0	0.0%
40.7%	48.6	48.5	-0.1	-0.1%
42.0%	48.5	48.5	0.0	-0.1%
43.2%	48.5	48.4	-0.1	-0.2%
44.4%	48.5	48.4	-0.1	-0.2%
45.7%	48.4	48.4	0.0	0.0%
46.9%	48.4	48.3	-0.1	-0.1%
48.1%	48.4	48.2	-0.1	-0.3%
49.4%	48.3	48.1	-0.2	-0.4%
50.6%	48.2	48.1	0.0	-0.1%
51.9%	48.1	48.1	-0.1	-0.1%
53.1%	47.9	48.0	0.2	0.4%
54.3%	47.8	47.9	0.1	0.2%
55.6%	47.8	47.9	0.1	0.1%
56.8%	47.8	47.8	0.0	0.1%
58.0%	47.6	47.6	0.0	0.0%
59.3%	47.6	47.6	0.1	0.2%
60.5%	47.5	47.5	0.0	0.1%
61.7%	47.4	47.5	0.1	0.2%
63.0%	47.3	47.5	0.1	0.3%
64.2%	47.3	47.4	0.0	0.1%
65.4%	47.3	47.3	0.0	0.0%
66.7%	47.3	47.3	0.0	-0.1%
67.9%	47.3	47.3	0.0	-0.1%
69.1%	47.3	47.2	-0.1	-0.2%
70.4%	47.2	47.2	0.0	0.0%
71.6%	47.2	47.2	0.0	0.0%
72.8%	47.1	47.1	0.0	0.0%
74.1%	47.1	47.1	0.1	0.1%
75.3%	47.0	47.0	0.0	-0.1%
76.5%	47.0	46.9	-0.1	-0.1%
77.8%	47.0	46.9	-0.1	-0.2%
79.0%	46.9	46.7	-0.2	-0.5%
80.2%	46.8	46.6	-0.2	-0.4%
81.5%	46.6	46.6	0.0	-0.1%
82.7%	46.6	46.5	-0.2	-0.3%
84.0%	46.6	46.4	-0.2	-0.5%
85.2%	46.4	46.2	-0.2	-0.4%
86.4%	46.3	46.1	-0.2	-0.3%
87.7%	46.2	46.1	-0.1	-0.2%
88.9%	46.1	46.1	0.0	0.0%
90.1%	46.0	46.0	0.0	0.0%
91.4%	45.9	46.0	0.1	0.1%
92.6%	45.9	46.0	0.0	0.1%
93.8%	45.8	45.9	0.1	0.3%
95.1%	45.7	45.8	0.0	0.1%
96.3%	45.7	45.7	0.0	0.1%
97.5%	45.2	45.6	0.4	0.9%
98.8%	45.2	45.2	0.0	0.1%
100.0%	44.5	44.9	0.4	0.9%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	46.5	46.8	0.3	0.6%
1.2%	46.5	46.4	0.0	0.0%
2.5%	46.3	46.4	0.1	0.2%
3.7%	45.9	45.8	-0.1	-0.2%
4.9%	45.8	45.7	-0.1	-0.2%
6.2%	45.6	45.6	0.0	0.0%
7.4%	45.5	45.6	0.1	0.2%
8.6%	45.5	45.5	0.0	0.1%
9.9%	45.5	45.5	0.0	0.1%
11.1%	45.2	45.5	0.3	0.6%
12.3%	45.2	45.3	0.2	0.3%
13.6%	45.1	45.2	0.1	0.2%
14.8%	45.0	45.1	0.0	0.1%
16.0%	45.0	45.0	0.0	0.0%
17.3%	45.0	44.9	-0.1	-0.2%
18.5%	44.8	44.8	0.0	0.0%
19.8%	44.7	44.6	-0.1	-0.2%
21.0%	44.6	44.6	0.0	0.0%
22.2%	44.6	44.4	-0.2	-0.4%
23.5%	44.5	44.3	-0.1	-0.3%
24.7%	44.3	44.3	0.0	-0.1%
25.9%	44.3	44.2	-0.1	-0.1%
27.2%	44.3	44.2	0.0	-0.1%
28.4%	44.3	44.2	0.0	0.0%
29.6%	44.2	44.2	-0.1	-0.1%
30.9%	44.2	44.1	-0.1	-0.2%
32.1%	44.2	44.1	-0.1	-0.2%
33.3%	44.1	44.1	0.0	-0.1%
34.6%	44.1	44.1	0.0	0.0%
35.8%	44.0	44.0	0.0	0.0%
37.0%	43.9	43.9	0.0	-0.1%
38.3%	43.8	43.8	0.0	0.0%
39.5%	43.6	43.7	0.1	0.2%
40.7%	43.6	43.6	0.0	-0.1%
42.0%	43.6	43.6	0.0	-0.1%
43.2%	43.6	43.6	0.0	0.0%
44.4%	43.5	43.5	0.0	0.0%
45.7%	43.5	43.5	0.1	0.2%
46.9%	43.4	43.5	0.0	0.1%
48.1%	43.3	43.4	0.1	0.3%
49.4%	43.3	43.3	0.0	0.0%
50.6%	43.2	43.3	0.0	0.1%
51.9%	43.2	43.2	0.0	-0.1%
53.1%	43.1	43.1	0.0	0.0%
54.3%	43.0	43.0	0.0	-0.1%
55.6%	43.0	43.0	0.0	0.0%
56.8%	43.0	42.9	0.0	-0.1%
58.0%	42.9	42.8	-0.1	-0.1%
59.3%	42.8	42.8	0.0	0.0%
60.5%	42.7	42.7	0.0	0.0%
61.7%	42.6	42.6	0.0	0.0%
63.0%	42.6	42.6	0.0	0.1%
64.2%	42.5	42.5	0.0	0.0%
65.4%	42.4	42.4	0.0	0.0%
66.7%	42.3	42.3	0.0	0.0%
67.9%	42.2	42.2	0.0	0.0%
69.1%	42.2	42.2	0.0	0.0%
70.4%	42.2	42.2	0.0	0.0%
71.6%	42.2	42.2	0.0	0.0%
72.8%	42.2	42.2	0.0	0.0%
74.1%	42.2	42.2	0.0	0.0%
75.3%	42.1	42.1	0.0	-0.1%
76.5%	42.1	42.1	-0.1	-0.2%
77.8%	42.1	42.1	0.0	-0.1%
79.0%	42.1	42.1	0.0	0.0%
80.2%	42.1	42.0	-0.1	-0.2%
81.5%	42.0	41.9	-0.1	-0.3%
82.7%	41.9	41.9	0.0	-0.1%
84.0%	41.9	41.9	0.0	-0.1%
85.2%	41.8	41.8	0.0	0.0%
86.4%	41.8	41.8	0.0	0.0%
87.7%	41.7	41.8	0.0	0.1%
88.9%	41.7	41.7	0.0	0.1%
90.1%	41.6	41.7	0.1	0.2%
91.4%	41.5	41.5	0.0	-0.1%
92.6%	41.4	41.3	-0.1	-0.2%
93.8%	41.3	41.3	0.0	0.0%
95.1%	41.3	41.3	0.0	-0.1%
96.3%	41.2	41.2	0.0	0.0%
97.5%	41.2	41.2	0.0	-0.1%
98.8%	41.1	41.1	-0.1	-0.2%
100.0%	40.3	40.3	0.0	0.0%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	45.0	44.7	-0.3	-0.8%
1.2%	44.1	44.1	0.0	-0.1%
2.5%	43.9	43.9	0.0	0.0%
3.7%	43.9	43.9	0.0	0.0%
4.9%	43.8	43.9	0.0	0.0%
6.2%	43.6	43.6	0.0	-0.1%
7.4%	43.6	43.6	0.0	0.0%
8.6%	43.6	43.6	0.0	0.0%
9.9%	43.5	43.5	0.0	0.0%
11.1%	43.5	43.4	0.0	-0.1%
12.3%	43.3	43.2	0.0	0.0%
13.6%	43.1	43.2	0.0	0.1%
14.8%	43.1	43.1	0.0	0.0%
16.0%	43.1	43.1	0.0	0.0%
17.3%	43.0	43.1	0.0	0.0%
18.5%	43.0	43.0	0.0	-0.1%
19.8%	43.0	42.9	0.0	-0.1%
21.0%	42.9	42.9	0.0	0.0%
22.2%	42.9	42.8	-0.1	-0.2%
23.5%	42.9	42.8	-0.1	-0.2%
24.7%	42.8	42.8	0.0	-0.1%
25.9%	42.8	42.8	-0.1	-0.2%
27.2%	42.7	42.7	0.0	0.0%
28.4%	42.7	42.6	0.0	-0.1%
29.6%	42.6	42.6	-0.1	-0.2%
30.9%	42.6	42.5	0.0	0.0%
32.1%	42.5	42.5	0.0	0.0%
33.3%	42.4	42.5	0.2	0.4%
34.6%	42.3	42.4	0.1	0.2%
35.8%	42.3	42.4	0.1	0.1%
37.0%	42.3	42.3	0.0	0.0%
38.3%	42.3	42.3	0.0	0.0%
39.5%	42.2	42.3	0.0	0.1%
40.7%	42.2	42.2	0.0	0.0%
42.0%	42.2	42.2	0.0	0.1%
43.2%	42.2	42.2	0.1	0.1%
44.4%	42.1	42.2	0.1	0.1%
45.7%	42.1	42.1	0.0	0.0%
46.9%	42.1	42.1	0.0	0.0%
48.1%	42.0	42.1	0.0	0.1%
49.4%	42.0	42.0	0.0	0.1%
50.6%	41.9	42.0	0.1	0.2%
51.9%	41.8	42.0	0.2	0.4%
53.1%	41.8	41.9	0.1	0.1%
54.3%	41.8	41.8	0.0	0.1%
55.6%	41.7	41.8	0.1	0.3%
56.8%	41.7	41.8	0.1	0.3%
58.0%	41.7	41.8	0.1	0.2%
59.3%	41.7	41.8	0.1	0.2%
60.5%	41.6	41.7	0.0	0.1%
61.7%	41.6	41.6	0.0	0.0%
63.0%	41.6	41.6	0.0	0.1%
64.2%	41.5	41.6	0.0	0.0%
65.4%	41.5	41.5	0.0	-0.1%
66.7%	41.5	41.5	0.0	0.0%
67.9%	41.5	41.5	0.0	0.0%
69.1%	41.5	41.5	0.0	0.0%
70.4%	41.4	41.4	-0.1	-0.2%
71.6%	41.4	41.4	-0.1	-0.2%
72.8%	41.4	41.3	-0.1	-0.1%
74.1%	41.3	41.3	0.0	0.0%
75.3%	41.3	41.2	0.0	-0.1%
76.5%	41.2	41.2	-0.1	-0.1%
77.8%	41.2	41.1	0.0	-0.1%
79.0%	41.2	41.1	-0.1	-0.2%
80.2%	41.0	41.0	0.0	0.0%
81.5%	41.0	40.9	-0.1	-0.2%
82.7%	40.7	40.9	0.1	0.3%
84.0%	40.7	40.7	0.0	0.0%
85.2%	40.7	40.7	0.0	0.1%
86.4%	40.6	40.7	0.0	0.1%
87.7%	40.6	40.7	0.1	0.2%
88.9%	40.6	40.6	0.0	0.1%
90.1%	40.4	40.6	0.2	0.4%
91.4%	40.4	40.4	0.0	0.0%
92.6%	40.0	40.3	0.3	0.7%
93.8%	40.0	40.1	0.0	0.1%
95.1%	39.9	40.0	0.1	0.2%
96.3%	39.9	39.7	-0.1	-0.4%
97.5%	39.7	39.7	0.0	0.0%
98.8%	39.4	39.3	-0.1	-0.3%
100.0%	38.6	38.6	0.0	0.1%

Table SQ-37-3b

Clear Creek at Igo, Monthly Temperature
Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	46.4	46.4	0.0	0.0%
1.2%	46.2	46.1	-0.1	-0.2%
2.5%	45.8	45.8	0.0	0.0%
3.7%	45.5	45.4	-0.1	-0.1%
4.9%	45.4	45.3	0.0	-0.1%
6.2%	45.0	45.3	0.3	0.6%
7.4%	44.8	45.0	0.2	0.4%
8.6%	44.8	44.8	0.0	0.0%
9.9%	44.8	44.8	0.0	0.0%
11.1%	44.7	44.8	0.1	0.2%
12.3%	44.7	44.7	0.0	0.1%
13.6%	44.6	44.6	0.0	0.0%
14.8%	44.6	44.5	0.0	0.0%
16.0%	44.5	44.5	0.1	0.1%
17.3%	44.5	44.5	0.0	0.0%
18.5%	44.5	44.4	0.0	-0.1%
19.8%	44.4	44.4	0.0	0.0%
21.0%	44.4	44.4	0.0	0.0%
22.2%	44.4	44.4	0.0	0.0%
23.5%	44.3	44.3	0.0	0.0%
24.7%	44.3	44.3	0.0	0.1%
25.9%	44.3	44.3	0.0	0.1%
27.2%	44.3	44.3	0.0	0.0%
28.4%	44.3	44.3	0.0	0.0%
29.6%	44.2	44.2	0.0	0.0%
30.9%	44.1	44.1	0.0	0.0%
32.1%	44.1	44.1	0.0	0.0%
33.3%	44.0	44.1	0.0	0.0%
34.6%	44.0	44.0	0.0	0.0%
35.8%	44.0	44.0	0.0	0.0%
37.0%	43.9	43.9	0.0	0.0%
38.3%	43.9	43.9	0.0	0.0%
39.5%	43.9	43.9	0.0	0.0%
40.7%	43.7	43.8	0.1	0.2%
42.0%	43.7	43.7	0.0	0.1%
43.2%	43.6	43.7	0.1	0.3%
44.4%	43.5	43.7	0.1	0.3%
45.7%	43.5	43.6	0.1	0.2%
46.9%	43.4	43.6	0.1	0.3%
48.1%	43.4	43.5	0.1	0.3%
49.4%	43.4	43.5	0.1	0.2%
50.6%	43.4	43.4	0.0	0.0%
51.9%	43.3	43.4	0.1	0.2%
53.1%	43.3	43.4	0.1	0.3%
54.3%	43.3	43.4	0.1	0.3%
55.6%	43.3	43.4	0.1	0.2%
56.8%	43.2	43.3	0.1	0.2%
58.0%	43.2	43.3	0.1	0.3%
59.3%	43.2	43.3	0.1	0.2%
60.5%	43.1	43.2	0.1	0.2%
61.7%	43.1	43.2	0.1	0.1%
63.0%	43.1	43.2	0.0	0.1%
64.2%	43.1	43.1	0.0	0.0%
65.4%	43.1	43.1	0.0	0.1%
66.7%	43.0	43.1	0.1	0.3%
67.9%	42.9	43.0	0.0	0.1%
69.1%	42.9	42.9	0.1	0.2%
70.4%	42.8	42.9	0.1	0.1%
71.6%	42.8	42.8	0.0	0.1%
72.8%	42.7	42.8	0.0	0.1%
74.1%	42.7	42.7	0.0	0.1%
75.3%	42.7	42.7	0.0	0.0%
76.5%	42.7	42.7	0.0	-0.1%
77.8%	42.7	42.7	0.0	0.0%
79.0%	42.6	42.6	0.0	0.0%
80.2%	42.6	42.6	0.0	0.0%
81.5%	42.6	42.6	0.0	0.0%
82.7%	42.4	42.4	0.0	0.0%
84.0%	42.4	42.4	0.0	0.0%
85.2%	42.3	42.3	0.0	0.0%
86.4%	42.3	42.3	0.0	0.0%
87.7%	42.3	42.2	-0.1	-0.2%
88.9%	42.2	42.2	0.0	0.0%
90.1%	42.1	42.1	0.0	0.0%
91.4%	42.1	42.1	0.0	0.0%
92.6%	42.0	42.1	0.1	0.2%
93.8%	41.8	41.8	0.0	0.0%
95.1%	41.7	41.7	0.0	0.0%
96.3%	41.7	41.7	0.0	0.0%
97.5%	41.4	41.4	0.0	0.0%
98.8%	41.2	41.3	0.1	0.3%
100.0%	41.2	41.2	0.0	0.1%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	49.8	49.8	0.0	0.0%
1.2%	48.7	48.7	0.0	0.0%
2.5%	48.6	48.6	0.0	0.0%
3.7%	48.5	48.5	0.0	0.0%
4.9%	48.5	48.5	0.0	0.0%
6.2%	48.2	48.1	-0.1	-0.3%
7.4%	48.2	48.0	-0.2	-0.3%
8.6%	48.1	48.0	-0.1	-0.2%
9.9%	48.0	47.9	-0.1	-0.2%
11.1%	47.9	47.9	-0.1	-0.1%
12.3%	47.9	47.8	-0.1	-0.2%
13.6%	47.9	47.8	-0.1	-0.2%
14.8%	47.7	47.7	0.0	-0.1%
16.0%	47.7	47.4	-0.2	-0.5%
17.3%	47.4	47.3	-0.2	-0.3%
18.5%	47.4	47.2	-0.2	-0.4%
19.8%	47.4	47.2	-0.2	-0.4%
21.0%	47.4	47.2	-0.2	-0.4%
22.2%	47.3	47.2	-0.1	-0.3%
23.5%	47.2	47.2	-0.1	-0.1%
24.7%	47.2	47.1	-0.1	-0.3%
25.9%	47.2	47.0	-0.1	-0.3%
27.2%	47.2	47.0	-0.2	-0.4%
28.4%	47.1	47.0	-0.1	-0.2%
29.6%	47.1	46.9	-0.2	-0.3%
30.9%	47.0	46.9	-0.1	-0.3%
32.1%	47.0	46.9	-0.1	-0.3%
33.3%	46.9	46.8	-0.1	-0.1%
34.6%	46.9	46.8	0.0	-0.1%
35.8%	46.8	46.8	0.0	-0.1%
37.0%	46.8	46.8	0.0	-0.1%
38.3%	46.8	46.7	-0.1	-0.2%
39.5%	46.8	46.7	-0.1	-0.1%
40.7%	46.8	46.7	-0.1	-0.2%
42.0%	46.7	46.7	-0.1	-0.1%
43.2%	46.7	46.7	0.0	0.0%
44.4%	46.7	46.7	0.0	0.0%
45.7%	46.7	46.6	0.0	0.0%
46.9%	46.7	46.3	-0.4	-0.8%
48.1%	46.3	46.3	0.0	0.0%
49.4%	46.3	46.2	0.0	0.0%
50.6%	46.2	46.2	0.0	0.0%
51.9%	46.2	46.2	0.0	0.0%
53.1%	46.0	46.0	0.0	0.0%
54.3%	46.0	46.0	0.0	0.0%
55.6%	46.0	46.0	0.0	0.0%
56.8%	46.0	46.0	0.0	0.0%
58.0%	45.9	45.8	-0.2	-0.3%
59.3%	45.9	45.7	-0.1	-0.2%
60.5%	45.7	45.7	0.0	0.0%
61.7%	45.7	45.7	0.0	-0.1%
63.0%	45.6	45.6	0.0	0.0%
64.2%	45.6	45.6	0.0	0.0%
65.4%	45.6	45.6	0.0	0.0%
66.7%	45.6	45.6	0.0	0.0%
67.9%	45.5	45.5	0.0	0.0%
69.1%	45.5	45.5	0.0	0.0%
70.4%	45.5	45.5	0.0	0.0%
71.6%	45.5	45.5	0.0	0.0%
72.8%	45.3	45.2	0.0	0.0%
74.1%	45.2	45.2	0.0	-0.1%
75.3%	45.2	45.2	0.0	-0.1%
76.5%	45.1	45.1	0.0	0.0%
77.8%	45.1	45.1	0.0	0.0%
79.0%	45.1	45.1	0.0	0.1%
80.2%	45.1	45.1	0.0	0.1%
81.5%	45.1	45.1	0.0	0.0%
82.7%	45.1	45.1	0.0	0.0%
84.0%	44.9	44.9	0.0	0.0%
85.2%	44.9	44.9	0.0	-0.1%
86.4%	44.9	44.9	0.0	0.0%
87.7%	44.7	44.6	-0.1	-0.1%
88.9%	44.6	44.6	0.0	0.0%
90.1%	44.6	44.6	0.0	0.0%
91.4%	44.5	44.6	0.0	0.1%
92.6%	44.5	44.5	0.0	0.0%
93.8%	44.5	44.5	0.0	0.0%
95.1%	44.3	44.3	0.0	0.1%
96.3%	44.3	44.3	0.1	0.1%
97.5%	44.2	44.2	0.0	0.0%
98.8%	44.2	44.2	0.0	0.1%
100.0%	44.0	44.0	0.0	-0.1%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	52.6	52.7	0.1	0.2%
1.2%	52.6	52.6	0.0	0.0%
2.5%	52.3	52.3	0.1	0.1%
3.7%	52.2	52.0	-0.2	-0.4%
4.9%	52.0	52.0	-0.1	-0.1%
6.2%	52.0	51.9	-0.1	-0.2%
7.4%	51.5	51.4	0.0	-0.1%
8.6%	51.5	51.4	-0.1	-0.2%
9.9%	51.5	51.3	-0.1	-0.2%
11.1%	51.4	51.3	-0.1	-0.2%
12.3%	51.3	51.3	0.0	-0.1%
13.6%	51.3	51.3	-0.1	-0.1%
14.8%	51.3	51.3	0.0	0.0%
16.0%	51.3	51.2	0.0	-0.1%
17.3%	51.2	51.2	0.0	0.0%
18.5%	51.2	51.2	0.0	0.0%
19.8%	51.2	51.1	-0.1	-0.1%
21.0%	51.2	51.0	-0.2	-0.3%
22.2%	51.0	51.0	0.0	-0.1%
23.5%	50.8	50.9	0.1	0.2%
24.7%	50.6	50.8	0.2	0.3%
25.9%	50.6	50.6	0.0	0.0%
27.2%	50.6	50.4	-0.1	-0.3%
28.4%	50.4	50.4	0.0	0.0%
29.6%	50.4	50.3	-0.1	-0.1%
30.9%	50.4	50.3	-0.1	-0.2%
32.1%	50.4	50.2	-0.2	-0.4%
33.3%	50.3	50.0	-0.3	-0.6%
34.6%	50.2	50.0	-0.2	-0.3%
35.8%	50.0	50.0	0.0	0.0%
37.0%	50.0	50.0	0.0	-0.1%
38.3%	50.0	50.0	0.0	0.0%
39.5%	50.0	49.9	-0.1	-0.1%
40.7%	50.0	49.9	-0.1	-0.2%
42.0%	49.9	49.8	-0.1	-0.1%
43.2%	49.9	49.8	-0.1	-0.2%
44.4%	49.9	49.7	-0.2	-0.4%
45.7%	49.8	49.7	-0.1	-0.2%
46.9%	49.7	49.6	-0.1	-0.2%
48.1%	49.6	49.5	-0.1	-0.2%
49.4%	49.5	49.5	0.0	-0.1%
50.6%	49.5	49.3	-0.2	-0.3%
51.9%	49.4	49.3	-0.1	-0.2%
53.1%	49.3	49.3	-0.1	-0.2%
54.3%	49.3	49.3	-0.1	-0.1%
55.6%	49.3	49.2	-0.1	-0.2%
56.8%	49.2	49.1	-0.1	-0.2%
58.0%	49.1	49.1	0.0	-0.1%
59.3%	49.1	49.1	0.0	-0.1%
60.5%	49.1	48.8	-0.2	-0.5%
61.7%	48.9	48.8	-0.1	-0.2%
63.0%	48.8	48.8	-0.1	-0.2%
64.2%	48.8	48.7	-0.1	-0.3%
65.4%	48.8	48.7	-0.1	-0.2%
66.7%	48.7	48.6	0.0	-0.1%
67.9%	48.7	48.6	-0.1	-0.2%
69.1%	48.6	48.5	-0.1	-0.2%
70.4%	48.6	48.5	-0.1	-0.2%
71.6%	48.6	48.5	-0.1	-0.2%
72.8%	48.6	48.5	-0.1	-0.2%
74.1%	48.5	48.5	-0.1	-0.2%
75.3%	48.5	48.3	-0.2	-0.4%
76.5%	48.5	48.3	-0.2	-0.4%
77.8%	48.4	48.3	-0.1	-0.2%
79.0%	48.3	48.2	-0.2	-0.3%
80.2%	48.3	48.1	-0.2	-0.3%
81.5%	48.2	47.9	-0.3	-0.6%
82.7%	48.0	47.8	-0.2	-0.5%
84.0%	47.9	47.8	-0.1	-0.3%
85.2%	47.8	47.8	-0.1	-0.1%
86.4%	47.8	47.6	-0.2	-0.5%
87.7%	47.3	47.3	0.0	0.0%
88.9%	47.3	47.3	0.0	-0.1%
90.1%	47.2	47.2	0.0	0.0%
91.4%	47.2	47.1	0.0	0.0%
92.6%	47.1	47.1	0.0	0.0%
93.8%	47.0	47.0	0.0	0.0%
95.1%	46.8	46.8	0.0	0.0%
96.3%	45.9	46.0	0.1	0.3%
97.5%	45.9	45.9	0.0	0.1%
98.8%	45.7	45.7	0.0	0.0%
100.0%	44.9	45.0	0.0	0.1%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.0	56.0	0.0	0.0%
1.2%	55.7	55.7	0.0	0.0%
2.5%	55.6	55.6	0.0	0.0%
3.7%	55.2	55.2	0.0	-0.1%
4.9%	55.1	55.1	0.0	0.0%
6.2%	54.9	55.1	0.1	0.2%
7.4%	54.9	54.9	0.0	0.1%
8.6%	54.9	54.8	0.0	0.0%
9.9%	54.9	54.7	-0.1	-0.3%
11.1%	54.7	54.7	0.0	-0.1%
12.3%	54.7	54.7	0.0	-0.1%
13.6%	54.7	54.5	-0.2	-0.4%
14.8%	54.5	54.5	0.0	-0.1%
16.0%	54.5	54.5	0.0	0.0%
17.3%	54.5	54.5	0.0	0.0%
18.5%	54.5	54.5	0.0	0.0%
19.8%	54.4	54.4	0.0	-0.1%
21.0%	54.3	54.4	0.0	0.1%
22.2%	54.3	54.3	0.0	0.0%
23.5%	54.2	54.2	0.0	0.0%
24.7%	54.1	54.2	0.1	0.2%
25.9%	54.1	54.1	0.0	0.0%
27.2%	54.0	54.0	0.0	0.0%
28.4%	53.9	53.9	0.0	0.0%
29.6%	53.7	53.7	-0.1	-0.1%
30.9%	53.7	53.6	-0.1	-0.2%
32.1%	53.6	53.5	0.0	-0.1%
33.3%	53.5	53.5	0.0	-0.1%
34.6%	53.5	53.5	0.0	0.0%
35.8%	53.4	53.5	0.0	0.1%
37.0%	53.4	53.4	0.0	0.0%
38.3%	53.4	53.4	0.0	0.0%
39.5%	53.4	53.3	-0.1	-0.2%
40.7%	53.3	53.3	0.0	-0.1%
42.0%	53.3	53.2	0.0	-0.1%
43.2%	53.3	53.2	-0.1	-0.2%
44.4%	53.2	53.2	0.0	0.0%
45.7%	53.2	53.2	0.0	0.0%
46.9%	53.1	52.8	-0.3	-0.6%
48.1%	53.1	52.8	-0.3	-0.6%
49.4%	52.8	52.8	0.0	0.0%
50.6%	52.8	52.8	0.0	0.0%
51.9%	52.7	52.6	-0.1	-0.2%
53.1%	52.7	52.6	-0.1	-0.1%
54.3%	52.7	52.6	-0.1	-0.1%
55.6%	52.5	52.6	0.0	0.1%
56.8%	52.5	52.5	0.0	0.0%
58.0%	52.5	52.5	0.0	0.0%
59.3%	52.4	52.5	0.0	0.0%
60.5%	52.3	52.4	0.1	0.2%
61.7%	52.3	52.3	0.0	0.0%
63.0%	52.2	52.3	0.0	0.0%
64.2%	52.1	52.2	0.2	0.3%
65.4%	52.0	52.2	0.2	0.4%
66.7%	51.9	52.1	0.1	0.2%
67.9%	51.9	52.0	0.0	0.1%
69.1%	51.9	52.0	0.1	0.1%
70.4%	51.8	51.9	0.2	0.3%
71.6%	51.8	51.7	-0.1	-0.2%
72.8%	51.7	51.6	-0.1	-0.2%
74.1%	51.6	51.6	0.0	0.0%
75.3%	51.5	51.6	0.1	0.3%
76.5%	51.3	51.5	0.1	0.3%
77.8%	51.3	51.3	0.0	-0.1%
79.0%	51.2	51.3	0.2	0.3%
80.2%	51.1	51.2	0.0	0.0%
81.5%	50.7	51.1	0.4	0.8%
82.7%	50.7	50.8	0.1	0.1%
84.0%	50.4	50.5	0.1	0.2%
85.2%	50.4	50.4	0.0	0.0%
86.4%	50.3	50.3	0.0	0.1%
87.7%	50.2	50.2	0.0	0.0%
88.9%	50.2	50.2	0.0	0.0%
90.1%	50.0	50.1	0.1	0.2%
91.4%	49.9	49.9	0.0	0.0%
92.6%	49.6	49.7	0.2	0.4%
93.8%	49.5	49.6	0.1	0.2%
95.1%	49.0	49.1	0.0	0.0%
96.3%	48.9	48.9	0.1	0.1%
97.5%	47.6	47.6	0.0	0.1%
98.8%	47.5	47.5	0.0	0.1%
100.0%	47.3	47.3	0.0	0.0%

Table SQ-37-3b

Clear Creek at Igo, Monthly Temperature

Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.8	59.8	0.0	-0.1%
1.2%	59.8	59.7	-0.1	-0.2%
2.5%	59.7	59.7	0.0	0.0%
3.7%	59.7	59.5	-0.1	-0.2%
4.9%	59.6	59.3	-0.3	-0.6%
6.2%	59.2	59.1	0.0	-0.1%
7.4%	59.1	59.1	0.0	0.0%
8.6%	59.0	59.0	0.0	0.1%
9.9%	58.9	59.0	0.0	0.1%
11.1%	58.7	58.9	0.2	0.3%
12.3%	58.5	58.5	0.0	0.0%
13.6%	58.4	58.3	-0.1	-0.2%
14.8%	58.2	58.1	-0.1	-0.2%
16.0%	58.1	57.9	-0.2	-0.3%
17.3%	57.7	57.8	0.1	0.1%
18.5%	57.7	57.7	0.0	0.0%
19.8%	57.7	57.7	0.0	0.0%
21.0%	57.5	57.6	0.1	0.3%
22.2%	57.4	57.5	0.1	0.2%
23.5%	57.0	57.3	0.3	0.6%
24.7%	56.9	57.2	0.3	0.6%
25.9%	56.9	57.0	0.1	0.2%
27.2%	56.8	56.9	0.1	0.2%
28.4%	56.6	56.7	0.1	0.2%
29.6%	56.6	56.6	0.0	0.0%
30.9%	56.6	56.6	0.1	0.1%
32.1%	56.1	56.6	0.4	0.8%
33.3%	56.1	56.1	0.0	0.1%
34.6%	55.9	56.0	0.1	0.2%
35.8%	55.7	55.9	0.2	0.3%
37.0%	55.7	55.7	0.0	0.0%
38.3%	55.6	55.7	0.0	0.0%
39.5%	55.6	55.6	0.0	-0.1%
40.7%	55.6	55.5	0.0	-0.1%
42.0%	55.5	55.5	0.1	0.1%
43.2%	55.4	55.5	0.1	0.1%
44.4%	55.4	55.4	0.1	0.1%
45.7%	55.3	55.4	0.2	0.3%
46.9%	55.2	55.4	0.1	0.3%
48.1%	55.2	55.3	0.1	0.2%
49.4%	55.1	55.2	0.1	0.2%
50.6%	55.1	55.2	0.1	0.2%
51.9%	55.1	55.1	0.0	0.1%
53.1%	54.9	55.1	0.2	0.3%
54.3%	54.8	54.8	0.0	-0.1%
55.6%	54.8	54.8	0.0	0.0%
56.8%	54.8	54.7	-0.1	-0.2%
58.0%	54.7	54.7	0.0	-0.1%
59.3%	54.6	54.4	-0.2	-0.3%
60.5%	54.6	54.4	-0.2	-0.4%
61.7%	54.2	54.2	0.0	0.1%
63.0%	54.2	54.2	0.0	0.0%
64.2%	54.2	54.2	0.0	0.0%
65.4%	54.2	54.2	0.0	0.0%
66.7%	54.0	54.2	0.1	0.3%
67.9%	54.0	54.1	0.1	0.2%
69.1%	53.9	54.0	0.1	0.2%
70.4%	53.8	53.9	0.1	0.2%
71.6%	53.8	53.9	0.1	0.2%
72.8%	53.6	53.8	0.2	0.3%
74.1%	53.4	53.8	0.4	0.7%
75.3%	53.4	53.6	0.3	0.5%
76.5%	53.3	53.3	0.0	0.1%
77.8%	53.3	53.3	0.0	0.0%
79.0%	53.1	52.7	-0.4	-0.7%
80.2%	53.0	52.6	-0.5	-0.9%
81.5%	52.8	52.5	-0.3	-0.6%
82.7%	52.8	52.5	-0.3	-0.7%
84.0%	52.6	52.4	-0.2	-0.4%
85.2%	52.4	52.4	0.0	-0.1%
86.4%	52.4	52.3	-0.1	-0.2%
87.7%	52.2	52.2	0.0	0.0%
88.9%	52.1	52.1	0.1	0.1%
90.1%	52.0	52.1	0.1	0.2%
91.4%	51.7	52.0	0.2	0.5%
92.6%	51.6	51.7	0.1	0.2%
93.8%	51.4	51.4	0.0	0.1%
95.1%	51.0	51.1	0.0	0.0%
96.3%	51.0	51.0	0.0	0.0%
97.5%	51.0	51.0	0.0	0.0%
98.8%	49.2	49.2	0.0	0.0%
100.0%	48.8	48.8	0.0	0.0%

July				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.8	73.2	-0.6	-0.8%
1.2%	64.9	63.9	-1.0	-1.6%
2.5%	64.2	63.0	-1.2	-1.9%
3.7%	63.7	62.8	-0.9	-1.4%
4.9%	63.0	62.3	-0.7	-1.1%
6.2%	61.9	61.5	-0.5	-0.8%
7.4%	61.9	61.1	-0.8	-1.3%
8.6%	61.6	61.0	-0.6	-1.0%
9.9%	61.3	61.0	-0.4	-0.6%
11.1%	61.3	60.8	-0.5	-0.9%
12.3%	61.0	60.5	-0.5	-0.8%
13.6%	60.3	60.3	0.0	0.1%
14.8%	60.3	60.2	0.0	-0.1%
16.0%	60.2	60.0	-0.2	-0.3%
17.3%	59.8	59.8	0.0	0.0%
18.5%	59.7	59.6	-0.1	-0.2%
19.8%	59.6	59.6	0.0	0.0%
21.0%	59.6	59.5	0.0	0.0%
22.2%	59.5	59.4	0.0	-0.1%
23.5%	59.4	59.4	0.0	-0.1%
24.7%	59.4	59.4	0.0	0.0%
25.9%	59.2	59.4	0.1	0.2%
27.2%	59.2	59.3	0.1	0.2%
28.4%	59.1	59.3	0.2	0.3%
29.6%	59.1	59.2	0.1	0.2%
30.9%	59.1	59.1	0.0	0.1%
32.1%	59.0	59.1	0.1	0.2%
33.3%	59.0	59.0	0.1	0.1%
34.6%	58.8	59.0	0.2	0.4%
35.8%	58.7	59.0	0.2	0.4%
37.0%	58.7	58.9	0.2	0.3%
38.3%	58.6	58.8	0.2	0.3%
39.5%	58.5	58.8	0.3	0.5%
40.7%	58.4	58.7	0.2	0.4%
42.0%	58.4	58.5	0.1	0.1%
43.2%	58.4	58.5	0.1	0.1%
44.4%	58.4	58.5	0.1	0.2%
45.7%	58.3	58.5	0.2	0.3%
46.9%	58.2	58.4	0.3	0.4%
48.1%	58.2	58.4	0.2	0.4%
49.4%	58.1	58.3	0.2	0.4%
50.6%	58.1	58.1	0.0	0.0%
51.9%	58.0	58.1	0.1	0.1%
53.1%	57.9	58.1	0.1	0.2%
54.3%	57.8	58.0	0.3	0.5%
55.6%	57.7	58.0	0.2	0.4%
56.8%	57.4	57.8	0.4	0.6%
58.0%	57.4	57.7	0.4	0.7%
59.3%	57.2	57.4	0.1	0.2%
60.5%	57.2	57.3	0.1	0.2%
61.7%	57.2	57.2	0.0	-0.1%
63.0%	57.2	57.1	0.0	-0.1%
64.2%	57.0	57.1	0.1	0.2%
65.4%	56.9	57.0	0.2	0.3%
66.7%	56.8	56.9	0.0	0.1%
67.9%	56.8	56.8	0.0	0.0%
69.1%	56.8	56.8	0.0	0.0%
70.4%	56.7	56.7	0.0	0.0%
71.6%	56.7	56.7	0.0	0.0%
72.8%	56.7	56.7	0.0	-0.1%
74.1%	56.7	56.7	0.0	0.0%
75.3%	56.6	56.5	-0.1	-0.1%
76.5%	56.6	56.5	-0.1	-0.2%
77.8%	56.5	56.5	0.0	0.0%
79.0%	56.4	56.4	0.0	0.0%
80.2%	56.3	56.3	0.0	0.0%
81.5%	56.3	56.2	-0.1	-0.1%
82.7%	56.1	56.2	0.0	0.1%
84.0%	56.1	56.1	0.0	0.0%
85.2%	56.1	56.0	-0.1	-0.2%
86.4%	56.0	56.0	0.0	-0.1%
87.7%	55.6	55.9	0.3	0.5%
88.9%	55.6	55.6	0.0	0.0%
90.1%	55.4	55.6	0.1	0.3%
91.4%	55.1	55.2	0.1	0.1%
92.6%	55.1	55.2	0.1	0.1%
93.8%	54.9	54.9	0.0	0.0%
95.1%	54.9	54.8	-0.1	-0.1%
96.3%	54.4	54.3	-0.1	-0.2%
97.5%	53.9	53.9	0.0	0.0%
98.8%	53.7	53.3	-0.4	-0.8%
100.0%	52.5	52.5	0.0	0.1%

August				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.0	65.0	0.0	0.0%
1.2%	62.4	61.2	-1.2	-1.9%
2.5%	62.1	60.9	-1.3	-2.0%
3.7%	62.0	60.6	-1.4	-2.3%
4.9%	61.0	60.5	-0.6	-0.9%
6.2%	60.8	60.2	-0.6	-1.0%
7.4%	60.6	59.9	-0.7	-1.2%
8.6%	59.5	59.6	0.1	0.1%
9.9%	59.4	59.3	-0.1	-0.2%
11.1%	59.4	59.2	-0.2	-0.4%
12.3%	59.2	59.2	-0.1	-0.1%
13.6%	59.1	59.2	0.0	0.1%
14.8%	59.0	59.1	0.1	0.1%
16.0%	58.9	58.9	0.0	-0.1%
17.3%	58.9	58.9	0.0	0.0%
18.5%	58.8	58.9	0.0	0.1%
19.8%	58.8	58.5	-0.3	-0.6%
21.0%	58.4	58.4	0.0	0.0%
22.2%	58.4	58.4	0.0	0.1%
23.5%	58.3	58.3	0.0	0.0%
24.7%	58.2	58.3	0.1	0.2%
25.9%	58.0	58.3	0.3	0.5%
27.2%	58.0	58.2	0.2	0.4%
28.4%	57.9	58.1	0.1	0.2%
29.6%	57.9	57.9	0.1	0.1%
30.9%	57.9	57.9	0.0	0.1%
32.1%	57.7	57.7	0.0	0.0%
33.3%	57.5	57.6	0.1	0.2%
34.6%	57.4	57.5	0.0	0.0%
35.8%	57.4	57.3	-0.1	-0.1%
37.0%	57.4	57.2	-0.1	-0.3%
38.3%	57.2	57.2	0.0	0.0%
39.5%	57.2	57.2	0.0	0.0%
40.7%	57.1	57.1	0.0	0.0%
42.0%	57.1	57.1	-0.1	-0.1%
43.2%	57.1	57.0	-0.1	-0.1%
44.4%	57.1	56.9	-0.2	-0.3%
45.7%	57.0	56.7	-0.3	-0.5%
46.9%	56.7	56.7	0.0	-0.1%
48.1%	56.6	56.6	0.0	0.0%
49.4%	56.6	56.5	-0.1	-0.2%
50.6%	56.6	56.5	-0.1	-0.1%
51.9%	56.5	56.5	0.0	-0.1%
53.1%	56.4	56.4	0.0	0.1%
54.3%	56.4	56.4	0.0	0.0%
55.6%	56.4	56.4	0.0	0.0%
56.8%	56.3	56.3	0.0	0.1%
58.0%	56.3	56.3	0.0	0.1%
59.3%	56.2	56.3	0.1	0.2%
60.5%	56.2	56.3	0.1	0.2%
61.7%	56.2	56.3	0.1	0.2%
63.0%	56.1	56.3	0.2	0.3%
64.2%	56.1	56.2	0.2	0.3%
65.4%	56.0	56.2	0.1	0.2%
66.7%	56.0	56.0	0.0	0.0%
67.9%	56.0	56.0	0.0	0.0%
69.1%	56.0	56.0	0.0	0.0%
70.4%	55.9	55.9	0.0	0.0%
71.6%	55.9	55.9	0.0	0.1%
72.8%	55.7	55.9	0.2	0.4%
74.1%	55.7	55.8	0.2	0.3%
75.3%	55.6	55.8	0.2	0.3%
76.5%	55.5	55.8	0.2	0.4%
77.8%	55.2	55.6	0.4	0.8%
79.0%	55.1	55.6	0.5	0.8%
80.2%	55.0	55.5	0.5	0.9%
81.5%	54.9	55.5	0.5	0.9%
82.7%	54.9	55.3	0.3	0.6%
84.0%	54.9	55.2	0.3	0.6%
85.2%	54.9	55.1	0.2	0.4%
86.4%	54.8	55.0	0.3	0.5%
87.7%	54.7	55.0	0.2	0.4%
88.9%	54.7	55.0	0.3	0.5%
90.1%	54.6	55.0	0.3	0.6%
91.4%	54.6	54.9	0.3	0.6%
92.6%	54.5	54.7	0.2	0.4%
93.8%	54.5	54.6	0.1	0.2%
95.1%	54.5	54.5	0.1	0.1%
96.3%	54.3	54.3	0.0	-0.1%
97.5%	54.3	54.2	0.0	-0.1%
98.8%	53.5	53.7	0.2	0.3%
100.0%	53.3	53.4	0.1	0.2%

September				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	64.2	60.9	-3.3	-5.2%
1.2%	61.7	59.8	-2.0	-3.2%
2.5%	60.0	59.4	-0.6	-1.0%
3.7%	59.6	58.2	-1.4	-2.3%
4.9%	59.1	57.8	-1.3	-2.2%
6.2%	58.6	57.8	-0.8	-1.4%
7.4%	58.3	57.8	-0.5	-0.9%
8.6%	58.1	57.6	-0.6	-1.0%
9.9%	57.9	57.0	-0.9	-1.6%
11.1%	57.7	56.8	-0.8	-1.5%
12.3%	57.7	56.3	-1.4	-2.4%
13.6%	56.7	56.2	-0.5	-0.8%
14.8%	56.5	56.0	-0.5	-0.9%
16.0%	56.1	55.7	-0.5	-0.9%
17.3%	55.8	55.5	-0.3	-0.6%
18.5%	55.5	55.1	-0.4	-0.7%
19.8%	55.3	55.0	-0.3	-0.5%
21.0%	54.9	54.8	-0.1	-0.2%
22.2%	54.8	54.6	-0.2	-0.3%
23.5%	54.8	54.6	-0.2	-0.3%
24.7%	54.7	54.5	-0.2	-0.4%
25.9%	54.6	54.3	-0.3	-0.5%
27.2%	54.6	54.3	-0.3	-0.5%
28.4%	54.4	54.1	-0.3	-0.6%
29.6%	54.3	54.1	-0.2	-0.4%
30.9%	54.0	53.9	-0.1	-0.2%
32.1%	53.9	53.9	0.0	-0.1%
33.3%	53.9	53.8	-0.2	-0.3%
34.6%	53.6	53.7	0.0	0.1%
35.8%	53.6	53.6	0.0	0.0%
37.0%	53.6	53.6	0.0	0.1%
38.3%	53.5	53.5	0.0	0.0%
39.5%	53.5	53.5	0.0	0.1%
40.7%	53.3	53.2	-0.1	-0.2%
42.0%	53.3	53.2	-0.1	-0.2%
43.2%	53.3	53.1	-0.2	-0.3%
44.4%	53.2	53.0	-0.2	-0.4%
45.7%	53.2	53.0	-0.2	-0.4%
46.9%	53.2	53.0	-0.2	-0.4%
48.1%	53.0	53.0	0.0	0.0%
49.4%	53.0	53.0	0.0	-0.1%
50.6%	53.0	52.9	-0.1	-0.1%
51.9%	52.8	52.9	0.1	0.2%
53.1%	52.8	52.8	0.0	0.0%
54.3%	52.8	52.7	-0.1	-0.2%
55.6%	52.7	52.7	0.0	-0.1%
56.8%	52.7	52.7	0.0	-0.1%
58.0%	52.7	52.7	0.0	-0.1%
59.3%	52.7	52.6	-0.1	-0.1%
60.5%	52.7	52.6	-0.1	-0.1%
61.7%	52.6	52.6	0.0	-0.1%
63.0%	52.6	52.5	0.0	-0.1%
64.2%	52.5	52.5	0.0	0.0%
65.4%	52.5	52.5	0.0	-0.1%
66.7%	52.5	52.5	0.0	-0.1%
67.9%	52.4	52.4	0.0	0.1%
69.1%	52.4	52.4	0.0	0.1%
70.4%	52.3	52.4	0.1	0.2%
71.6%	52.3	52.4	0.1	0.2%
72.8%	52.2	52.3	0.1	0.1%
74.1%	52.2	52.2	0.0	0.0%
75.3%	52.2	52.2	0.1	0.1%
76.5%	52.1	52.2	0.0	0.0%
77.8%	52.1	52.1	0.0	0.0%
79.0%	52.0	52.1	0.1	0.2%
80.2%	52.0	52.1	0.1	0.1%
81.5%	52.0	52.0	0.1	0.1%
82.7%	51.9	52.0	0.1	0.2%
84.0%	51.9	52.0	0.1	0.2%
85.2%	51.9	51.9	0.1	0.1%
86.4%	51.9	51.9	0.1	0.1%
87.7%	51.7	51.9	0.2	0.4%
88.9%	51.6	51.9	0.3	0.6%
90.1%	51.6	51.8	0.3	0.5%
91.4%	51.6	51.6	0.1	0.1%
92.6%	51.4	51.4	0.0	0.0%
93.8%	51.4	51.3	-0.1	-0.1%
95.1%	51.1	51.1	0.0	0.0%
96.3%	50.9	51.0	0.1	0.2%
97.5%	50.9	50.9	0.0	0.0%
98.8%	50.7	50.8	0.1	0.1%
100.0%	50.6	50.5	-0.1	-0.2%

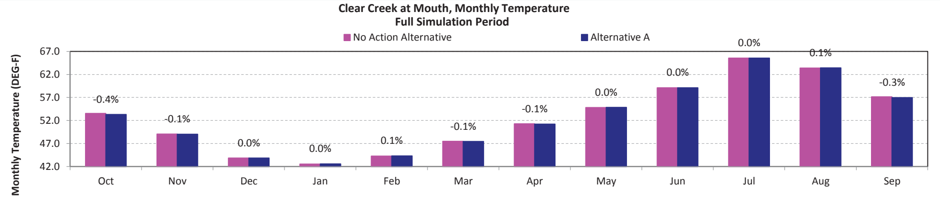
Table SQ-38-3a
Clear Creek at Mouth, Monthly Temperature
Long-term Average and Average by Water Year Type

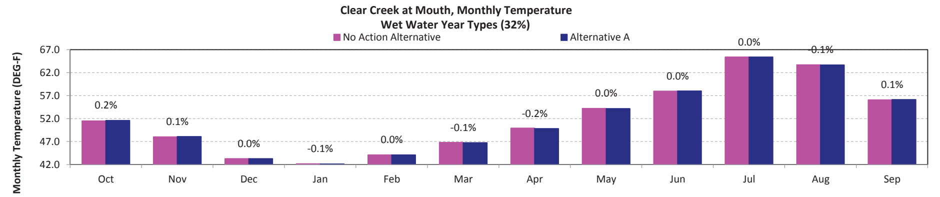
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	53.5	49.1	43.9	42.6	44.3	47.5	51.3	54.8	59.1	65.6	63.4	57.1
Alternative A	53.3	49.0	43.9	42.6	44.3	47.5	51.2	54.8	59.1	65.5	63.4	57.0
Difference	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	-0.2
Percent Difference[3]	-0.4%	-0.1%	0.0%	0.0%	0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.1%	-0.3%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	51.5	48.0	43.3	42.2	44.1	46.8	49.9	54.2	58.0	65.4	63.7	56.1
Alternative A	51.6	48.1	43.3	42.1	44.1	46.7	49.8	54.2	58.0	65.4	63.7	56.2
Difference	0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.1
Percent Difference	0.2%	0.1%	0.0%	-0.1%	0.0%	-0.1%	-0.2%	0.0%	0.0%	0.0%	-0.1%	0.1%
Above Normal (15%)												
No Action Alternative	52.7	48.6	44.0	42.9	44.3	47.3	50.8	55.4	60.3	67.9	64.0	56.7
Alternative A	52.7	48.6	44.0	42.9	44.3	47.3	50.8	55.4	60.2	67.6	63.9	56.6
Difference	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.3	-0.1	-0.1
Percent Difference	-0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.4%	-0.1%	-0.2%
Below Normal (17%)												
No Action Alternative	54.0	49.3	43.9	42.5	43.8	47.3	51.4	55.4	58.6	65.6	63.5	57.2
Alternative A	53.7	49.3	43.9	42.5	43.8	47.3	51.4	55.4	58.6	65.6	63.5	57.2
Difference	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Percent Difference	-0.5%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.1%	0.0%
Dry (22%)												
No Action Alternative	53.5	49.7	44.2	42.6	44.2	47.9	52.6	54.8	59.1	64.9	62.4	56.8
Alternative A	53.4	49.6	44.2	42.7	44.3	47.9	52.4	54.8	59.2	64.9	62.6	56.8
Difference	-0.1	-0.1	0.0	0.0	0.1	-0.1	-0.2	0.0	0.1	0.1	0.2	0.0
Percent Difference	-0.3%	-0.2%	-0.1%	0.1%	0.2%	-0.1%	-0.4%	0.1%	0.2%	0.1%	0.3%	0.0%
Critical (15%)												
No Action Alternative	58.2	50.5	44.6	43.1	45.4	48.9	52.7	55.0	61.0	64.5	63.4	60.3
Alternative A	57.2	50.3	44.5	43.1	45.4	48.8	52.8	55.1	60.9	64.7	63.6	59.3
Difference	-1.0	-0.2	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	0.1	0.2	-1.1
Percent Difference	-1.8%	-0.5%	0.0%	0.1%	0.1%	-0.1%	0.2%	0.2%	-0.1%	0.2%	0.3%	-1.7%

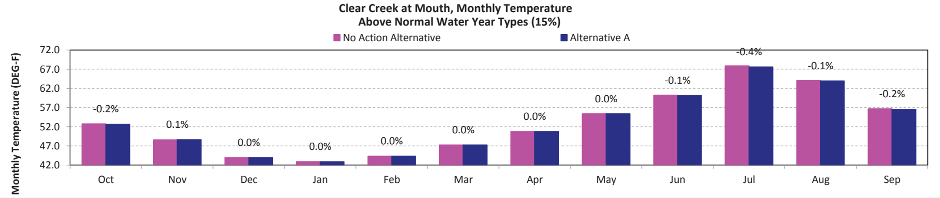
1 Based on the 82-year simulation period

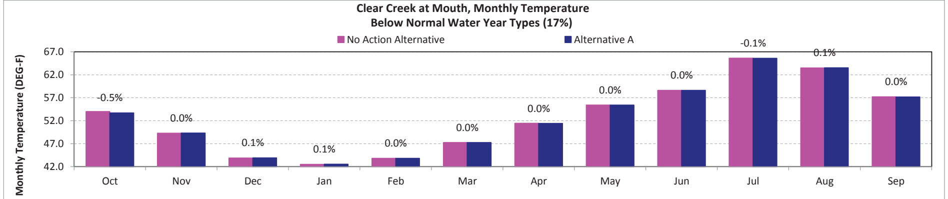
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

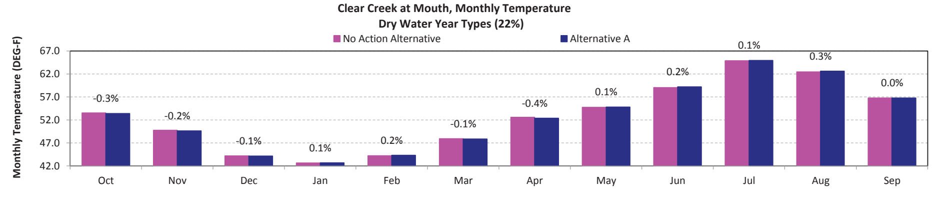
3 Relative difference of the monthly average


Clear Creek at Mouth, Monthly Temperature
Full Simulation Period


Clear Creek at Mouth, Monthly Temperature
Wet Water Year Types (32%)


Clear Creek at Mouth, Monthly Temperature
Above Normal Water Year Types (15%)


Clear Creek at Mouth, Monthly Temperature
Below Normal Water Year Types (17%)


Clear Creek at Mouth, Monthly Temperature
Dry Water Year Types (22%)

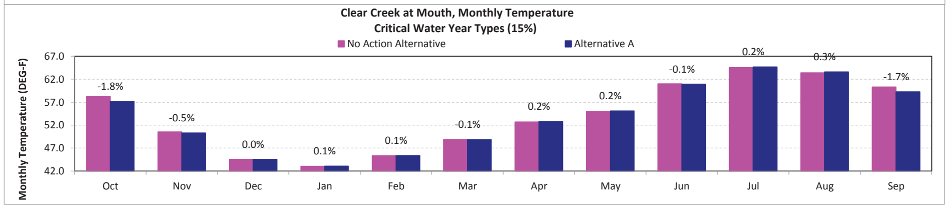

Clear Creek at Mouth, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-38-3b
Clear Creek at Mouth, Monthly Temperature
Probability of Exceedance

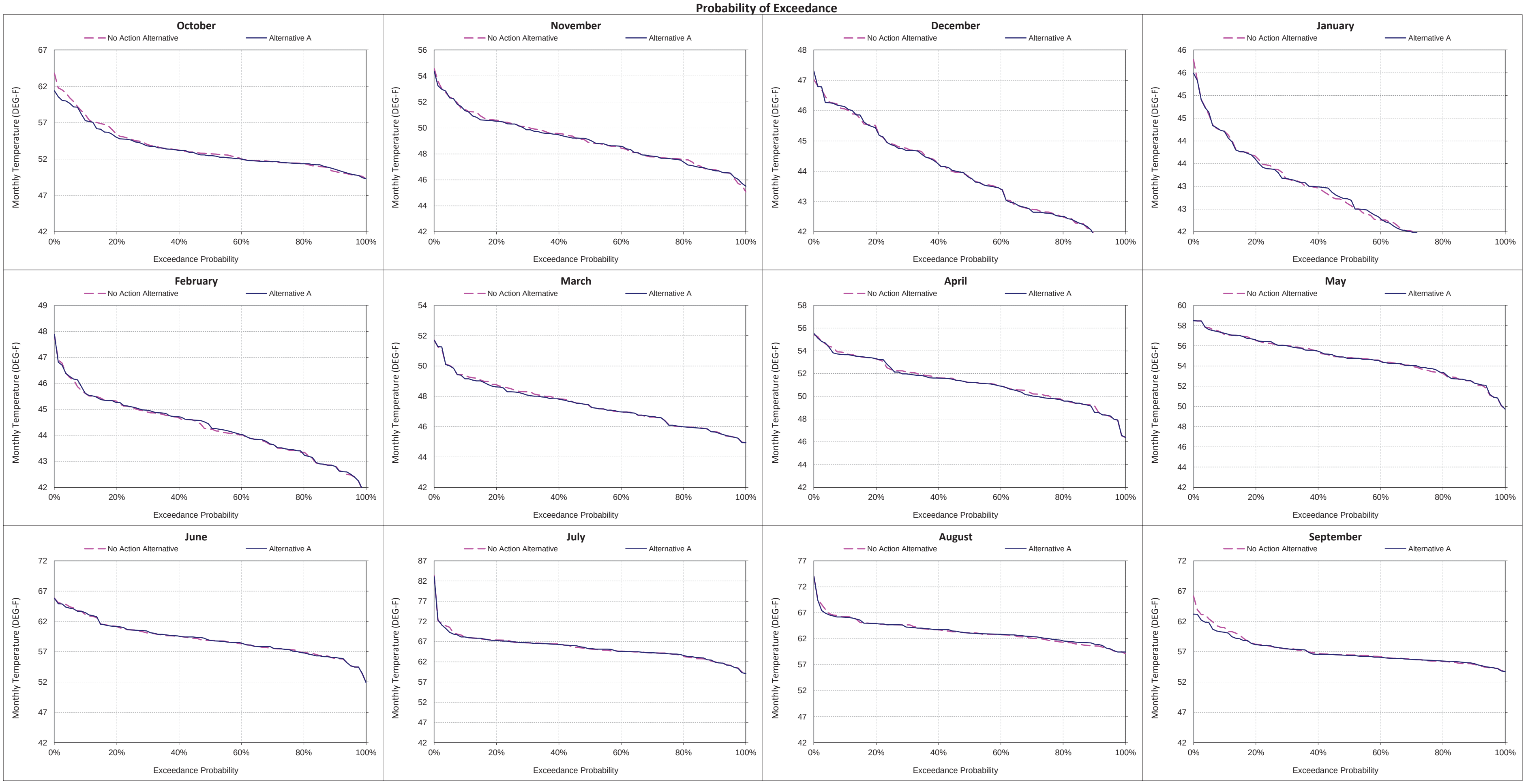


Table SQ-38-3b

Clear Creek at Mouth, Monthly Temperature
Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	63.8	61.4	-2.4	-3.8%
1.2%	61.8	60.6	-1.2	-2.0%
2.5%	61.5	60.1	-1.5	-2.4%
3.7%	61.1	60.0	-1.1	-1.8%
4.9%	60.4	59.7	-0.8	-1.2%
6.2%	59.9	59.2	-0.7	-1.2%
7.4%	59.2	59.2	-0.1	-0.1%
8.6%	58.7	58.2	-0.5	-0.8%
9.9%	58.1	57.3	-0.8	-1.5%
11.1%	57.4	57.2	-0.2	-0.4%
12.3%	57.1	57.1	0.0	0.0%
13.6%	57.0	56.2	-0.9	-1.5%
14.8%	56.9	56.1	-0.8	-1.4%
16.0%	56.8	55.7	-1.0	-1.8%
17.3%	56.6	55.7	-0.9	-1.6%
18.5%	56.1	55.4	-0.6	-1.1%
19.8%	55.5	55.0	-0.5	-0.8%
21.0%	55.1	54.8	-0.3	-0.6%
22.2%	55.0	54.8	-0.3	-0.5%
23.5%	54.9	54.7	-0.2	-0.3%
24.7%	54.7	54.6	-0.1	-0.2%
25.9%	54.5	54.4	-0.2	-0.3%
27.2%	54.5	54.3	-0.2	-0.3%
28.4%	54.4	54.1	-0.3	-0.5%
29.6%	54.0	53.8	-0.2	-0.4%
30.9%	53.9	53.8	-0.1	-0.2%
32.1%	53.8	53.8	0.0	0.0%
33.3%	53.7	53.5	-0.1	-0.2%
34.6%	53.5	53.5	0.0	0.0%
35.8%	53.5	53.4	-0.1	-0.1%
37.0%	53.4	53.3	-0.1	-0.1%
38.3%	53.3	53.3	0.0	0.0%
39.5%	53.3	53.2	0.0	-0.1%
40.7%	53.2	53.2	0.0	0.1%
42.0%	53.1	53.2	0.1	0.2%
43.2%	53.0	52.9	0.0	-0.1%
44.4%	53.0	52.9	0.0	-0.1%
45.7%	52.9	52.7	-0.2	-0.3%
46.9%	52.8	52.6	-0.2	-0.4%
48.1%	52.8	52.6	-0.2	-0.4%
49.4%	52.8	52.5	-0.3	-0.5%
50.6%	52.7	52.5	-0.2	-0.5%
51.9%	52.7	52.4	-0.3	-0.5%
53.1%	52.6	52.2	-0.4	-0.7%
54.3%	52.6	52.2	-0.4	-0.7%
55.6%	52.6	52.2	-0.4	-0.7%
56.8%	52.4	52.2	-0.3	-0.5%
58.0%	52.3	52.1	-0.3	-0.5%
59.3%	52.2	52.0	-0.1	-0.2%
60.5%	51.9	52.0	0.0	0.0%
61.7%	51.9	51.8	-0.1	-0.2%
63.0%	51.8	51.8	0.0	-0.1%
64.2%	51.8	51.8	-0.1	-0.1%
65.4%	51.8	51.7	-0.1	-0.1%
66.7%	51.7	51.7	-0.1	-0.1%
67.9%	51.7	51.7	-0.1	-0.1%
69.1%	51.7	51.7	0.0	0.0%
70.4%	51.6	51.6	0.0	0.0%
71.6%	51.6	51.6	0.1	0.1%
72.8%	51.5	51.5	0.0	0.1%
74.1%	51.5	51.5	0.0	0.0%
75.3%	51.5	51.5	0.0	0.0%
76.5%	51.5	51.4	0.0	0.0%
77.8%	51.5	51.4	0.0	-0.1%
79.0%	51.4	51.4	-0.1	-0.1%
80.2%	51.4	51.4	0.0	0.0%
81.5%	51.2	51.4	0.1	0.2%
82.7%	51.1	51.3	0.2	0.4%
84.0%	51.1	51.2	0.2	0.3%
85.2%	51.0	51.2	0.2	0.5%
86.4%	50.9	51.0	0.1	0.2%
87.7%	50.9	50.9	0.1	0.1%
88.9%	50.4	50.8	0.4	0.7%
90.1%	50.3	50.6	0.3	0.6%
91.4%	50.2	50.4	0.2	0.5%
92.6%	50.1	50.2	0.2	0.3%
93.8%	50.0	50.1	0.1	0.2%
95.1%	49.9	50.0	0.1	0.2%
96.3%	49.8	49.8	0.0	0.0%
97.5%	49.7	49.7	0.0	0.0%
98.8%	49.6	49.4	-0.2	-0.4%
100.0%	49.3	49.3	0.0	0.0%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.6	54.4	-0.2	-0.4%
1.2%	53.6	53.2	-0.3	-0.6%
2.5%	53.0	53.0	0.0	-0.1%
3.7%	52.7	52.8	0.1	0.2%
4.9%	52.4	52.3	-0.1	-0.1%
6.2%	52.2	52.3	0.0	0.1%
7.4%	51.9	51.8	-0.1	-0.2%
8.6%	51.5	51.7	0.2	0.3%
9.9%	51.4	51.3	-0.1	-0.2%
11.1%	51.3	51.2	0.0	-0.1%
12.3%	51.2	50.9	-0.3	-0.6%
13.6%	51.2	50.8	-0.4	-0.8%
14.8%	50.9	50.6	-0.3	-0.6%
16.0%	50.8	50.6	-0.1	-0.3%
17.3%	50.7	50.6	-0.1	-0.2%
18.5%	50.6	50.6	-0.1	-0.2%
19.8%	50.6	50.5	-0.1	-0.1%
21.0%	50.6	50.5	-0.1	-0.1%
22.2%	50.4	50.5	0.0	0.0%
23.5%	50.4	50.3	-0.1	-0.2%
24.7%	50.3	50.3	-0.1	-0.1%
25.9%	50.3	50.3	0.0	-0.1%
27.2%	50.1	50.2	0.0	0.0%
28.4%	50.1	50.0	-0.1	-0.1%
29.6%	50.1	49.9	-0.2	-0.4%
30.9%	50.0	49.9	-0.1	-0.3%
32.1%	49.9	49.7	-0.2	-0.4%
33.3%	49.9	49.7	-0.2	-0.3%
34.6%	49.8	49.6	-0.2	-0.4%
35.8%	49.7	49.6	-0.1	-0.2%
37.0%	49.6	49.6	0.0	0.0%
38.3%	49.6	49.5	-0.1	-0.1%
39.5%	49.6	49.5	-0.1	-0.1%
40.7%	49.6	49.4	-0.1	-0.2%
42.0%	49.5	49.4	-0.1	-0.3%
43.2%	49.4	49.3	-0.1	-0.3%
44.4%	49.4	49.2	-0.1	-0.3%
45.7%	49.2	49.2	0.1	0.1%
46.9%	49.1	49.2	0.1	0.2%
48.1%	49.1	49.2	0.1	0.2%
49.4%	48.9	49.1	0.2	0.5%
50.6%	48.8	49.0	0.2	0.3%
51.9%	48.8	48.8	0.0	0.0%
53.1%	48.8	48.8	0.0	0.0%
54.3%	48.7	48.8	0.0	0.1%
55.6%	48.6	48.7	0.0	0.1%
56.8%	48.6	48.6	0.0	0.1%
58.0%	48.6	48.6	0.0	0.0%
59.3%	48.5	48.6	0.1	0.2%
60.5%	48.4	48.6	0.1	0.3%
61.7%	48.4	48.4	0.0	0.1%
63.0%	48.1	48.3	0.2	0.4%
64.2%	48.1	48.1	0.0	0.0%
65.4%	48.1	48.1	0.0	0.0%
66.7%	47.9	47.9	0.0	0.0%
67.9%	47.9	47.9	0.0	0.1%
69.1%	47.8	47.8	0.1	0.1%
70.4%	47.8	47.8	0.1	0.1%
71.6%	47.7	47.8	0.1	0.1%
72.8%	47.7	47.7	0.0	-0.1%
74.1%	47.7	47.7	0.0	-0.1%
75.3%	47.7	47.6	0.0	0.0%
76.5%	47.6	47.6	-0.1	-0.1%
77.8%	47.6	47.6	-0.1	-0.1%
79.0%	47.6	47.5	-0.1	-0.1%
80.2%	47.5	47.3	-0.2	-0.4%
81.5%	47.5	47.1	-0.4	-0.8%
82.7%	47.4	47.1	-0.3	-0.6%
84.0%	47.1	47.0	-0.1	-0.2%
85.2%	47.1	47.0	-0.1	-0.2%
86.4%	46.9	46.9	0.0	0.1%
87.7%	46.8	46.8	0.0	0.1%
88.9%	46.8	46.8	0.0	0.0%
90.1%	46.8	46.7	-0.1	-0.2%
91.4%	46.7	46.7	0.0	0.0%
92.6%	46.6	46.6	0.0	0.0%
93.8%	46.6	46.5	0.0	0.0%
95.1%	46.5	46.5	0.0	0.0%
96.3%	46.1	46.2	0.1	0.2%
97.5%	45.7	46.0	0.3	0.7%
98.8%	45.6	45.7	0.1	0.3%
100.0%	45.1	45.5	0.4	1.0%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.0	47.3	0.3	0.6%
1.2%	46.8	46.8	0.0	0.0%
2.5%	46.7	46.8	0.1	0.2%
3.7%	46.5	46.3	-0.2	-0.4%
4.9%	46.3	46.3	0.0	-0.1%
6.2%	46.3	46.2	0.0	0.0%
7.4%	46.2	46.2	0.0	-0.1%
8.6%	46.1	46.2	0.1	0.2%
9.9%	46.1	46.1	0.1	0.2%
11.1%	46.0	46.0	0.0	0.1%
12.3%	45.9	46.0	0.1	0.2%
13.6%	45.9	45.9	0.0	-0.1%
14.8%	45.7	45.9	0.1	0.3%
16.0%	45.6	45.6	0.1	0.2%
17.3%	45.5	45.5	0.0	0.0%
18.5%	45.5	45.5	0.0	-0.1%
19.8%	45.5	45.4	-0.1	-0.2%
21.0%	45.2	45.2	0.0	0.0%
22.2%	45.1	45.1	0.0	0.0%
23.5%	45.0	44.9	0.0	0.0%
24.7%	44.9	44.9	0.0	-0.1%
25.9%	44.9	44.8	0.0	-0.1%
27.2%	44.8	44.8	0.0	-0.1%
28.4%	44.8	44.7	0.0	-0.1%
29.6%	44.8	44.7	-0.1	-0.2%
30.9%	44.7	44.7	0.0	0.0%
32.1%	44.7	44.7	0.0	0.0%
33.3%	44.7	44.7	0.0	0.0%
34.6%	44.7	44.6	-0.1	-0.2%
35.8%	44.5	44.5	0.0	-0.1%
37.0%	44.4	44.4	0.0	0.0%
38.3%	44.4	44.4	0.0	-0.1%
39.5%	44.3	44.3	0.0	0.0%
40.7%	44.2	44.2	0.0	0.0%
42.0%	44.2	44.2	0.0	0.0%
43.2%	44.1	44.1	0.1	0.1%
44.4%	44.0	44.0	0.0	0.1%
45.7%	44.0	44.0	0.0	0.1%
46.9%	44.0	44.0	0.0	0.0%
48.1%	43.9	43.9	0.0	0.1%
49.4%	43.9	43.8	0.0	-0.1%
50.6%	43.7	43.8	0.0	0.1%
51.9%	43.7	43.6	0.0	-0.1%
53.1%	43.6	43.6	0.0	0.0%
54.3%	43.6	43.6	0.0	0.0%
55.6%	43.6	43.5	0.0	-0.1%
56.8%	43.5	43.5	0.0	-0.1%
58.0%	43.5	43.5	0.0	-0.1%
59.3%	43.4	43.5	0.0	0.1%
60.5%	43.4	43.4	0.0	0.0%
61.7%	43.0	43.0	0.0	0.0%
63.0%	43.0	43.0	-0.1	-0.1%
64.2%	42.9	43.0	0.0	0.1%
65.4%	42.9	42.9	0.0	0.0%
66.7%	42.8	42.8	0.0	0.0%
67.9%	42.8	42.8	0.0	0.0%
69.1%	42.8	42.8	0.0	0.0%
70.4%	42.7	42.7	-0.1	-0.2%
71.6%	42.7	42.6	-0.1	-0.2%
72.8%	42.7	42.6	0.0	-0.1%
74.1%	42.7	42.6	0.0	-0.1%
75.3%	42.7	42.6	0.0	-0.1%
76.5%	42.6	42.6	0.0	0.0%
77.8%	42.6	42.5	0.0	-0.1%
79.0%	42.5	42.5	0.0	0.0%
80.2%	42.5	42.5	0.0	0.1%
81.5%	42.4	42.4	0.0	0.0%
82.7%	42.4	42.4	0.0	0.0%
84.0%	42.3	42.3	0.1	0.1%
85.2%	42.3	42.3	0.0	0.0%
86.4%	42.3	42.2	0.0	-0.1%
87.7%	42.1	42.2	0.0	0.1%
88.9%	42.1	42.1	0.0	-0.1%
90.1%	41.9	41.8	0.0	-0.1%
91.4%	41.8	41.8	0.1	0.1%
92.6%	41.8	41.7	0.0	-0.1%
93.8%	41.7	41.7	0.0	-0.1%
95.1%	41.7	41.7	0.0	-0.1%
96.3%	41.7	41.6	-0.1	-0.1%
97.5%	41.5	41.6	0.1	0.1%
98.8%	41.5	41.4	-0.1	-0.3%
100.0%	40.7	40.7	0.0	0.0%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	45.8	45.5	-0.3	-0.6%
1.2%	45.3	45.3	0.0	0.0%
2.5%	44.9	44.9	0.0	0.0%
3.7%	44.7	44.7	0.0	0.0%
4.9%	44.6	44.6	0.1	0.1%
6.2%	44.4	44.3	0.0	0.0%
7.4%	44.3	44.3	0.0	0.0%
8.6%	44.2	44.2	0.0	0.0%
9.9%	44.2	44.2	0.0	0.0%
11.1%	44.1	44.1	-0.1	-0.2%
12.3%	44.0	44.0	0.0	-0.1%
13.6%	43.8	43.8	0.0	0.0%
14.8%	43.8	43.8	0.0	0.0%
16.0%	43.8	43.8	0.0	0.0%
17.3%	43.7	43.7	0.0	0.0%
18.5%	43.7	43.7	0.0	0.0%
19.8%	43.7	43.6	-0.1	-0.1%
21.0%	43.6	43.5	-0.1	-0.2%
22.2%	43.5	43.4	-0.1	-0.1%
23.5%	43.5	43.4	-0.1	-0.2%
24.7%	43.5	43.4	-0.1	-0.2%
25.9%	43.4	43.4	0.0	0.0%
27.2%	43.4	43.3	-0.1	-0.1%
28.4%	43.3	43.2	-0.1	-0.3%
29.6%	43.2	43.2	0.0	0.0%
30.9%	43.1	43.2	0.0	0.0%
32.1%	43.1	43.1	0.0	0.0%
33.3%	43.1	43.1	0.0	0.0%
34.6%	43.1	43.1	0.0	0.0%
35.8%	43.0	43.1	0.1	0.2%
37.0%	43.0	43.0	0.0	0.0%
38.3%	43.0	43.0	0.0	0.0%
39.5%	43.0	43.0	0.0	0.0%
40.7%	42.9	43.0	0.1	0.1%
42.0%	42.9	43.0	0.1	0.2%
43.2%	42.8	43.0	0.1	0.3%
44.4%	42.8	42.9	0.1	0.3%
45.7%	42.7	42.8	0.1	0.2%
46.9%	42.7	42.8	0.0	0.1%
48.1%	42.7	42.7	0.0	0.1%
49.4%	42.6	42.7	0.1	0.2%
50.6%	42.6	42.7	0.1	0.3%
51.9%	42.5	42.5	0.0	0.0%
53.1%	42.5	42.5	0.0	0.0%
54.3%	42.4	42.5	0.1	0.2%
55.6%	42.4	42.5	0.1	0.2%
56.8%	42.4	42.4	0.1	0.1%
58.0%	42.3	42.4	0.1	0.2%
59.3%	42.3	42.3	0.1	0.2%
60.5%	42.3	42.3	0.0	0.0%
61.7%	42.3	42.2	0.0	-0.1%
63.0%	42.2	42.2	0.0	0.0%
64.2%	42.2	42.1	-0.1	-0.2%
65.4%	42.1	42.1	-0.1	-0.1%
66.7%	42.1	42.0	0.0	0.0%
67.9%	42.0	42.0	0.0	0.0%
69.1%	42.0	42.0	0.0	0.0%
70.4%	42.0	42.0	0.0	0.0%
71.6%	41.9	42.0	0.1	0.1%
72.8%	41.9	41.9	0.0	0.0%
74.1%	41.8	41.8	0.0	-0.1%
75.3%	41.8	41.8	0.0	-0.1%
76.5%	41.7	41.7	0.0	-0.1%
77.8%	41.7	41.7	0.0	-0.1%
79.0%	41.6	41.7	0.0	0.1%
80.2%	41.6	41.6	0.0	0.0%
81.5%	41.5	41.4	0.0	-0.1%
82.7%	41.4	41.4	0.0	0.0%
84.0%	41.4	41.4	0.0	0.0%
85.2%	41.3	41.3	0.0	0.0%
86.4%	41.2	41.2	0.1	0.1%
87.7%	41.0	41.2	0.2	0.5%
88.9%	41.0	41.0	0.0	0.0%
90.1%	40.9	40.9	0.0	0.0%
91.4%	40.8	40.9	0.1	0.2%
92.6%	40.5	40.8	0.3	0.8%
93.8%	40.5	40.5	0.0	0.0%
95.1%	40.4	40.4	0.1	0.2%
96.3%	40.3	40.2	-0.1	-0.3%
97.5%	40.0	40.0	0.0	0.0%
98.8%	39.7	39.6	-0.1	-0.3%
100.0%	39.1	39.1	0.0	0.1%

Table SQ-38-3b

Clear Creek at Mouth, Monthly Temperature
Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.9	47.9	0.0	0.0%
1.2%	46.9	46.8	-0.1	-0.2%
2.5%	46.8	46.7	-0.1	-0.2%
3.7%	46.4	46.4	0.0	0.0%
4.9%	46.2	46.3	0.0	0.1%
6.2%	46.1	46.2	0.0	0.1%
7.4%	45.9	46.1	0.3	0.6%
8.6%	45.7	45.9	0.1	0.3%
9.9%	45.6	45.6	0.0	0.0%
11.1%	45.5	45.5	0.0	0.0%
12.3%	45.5	45.5	0.0	0.0%
13.6%	45.5	45.5	0.0	-0.1%
14.8%	45.4	45.4	-0.1	-0.1%
16.0%	45.4	45.4	0.0	0.0%
17.3%	45.3	45.3	0.0	0.0%
18.5%	45.3	45.3	0.0	0.0%
19.8%	45.3	45.3	-0.1	-0.1%
21.0%	45.2	45.3	0.1	0.1%
22.2%	45.1	45.1	0.0	0.0%
23.5%	45.1	45.1	0.0	0.0%
24.7%	45.1	45.1	0.0	0.1%
25.9%	45.0	45.1	0.1	0.1%
27.2%	45.0	45.0	0.0	0.1%
28.4%	44.9	45.0	0.0	0.1%
29.6%	44.9	45.0	0.1	0.1%
30.9%	44.9	44.9	0.1	0.2%
32.1%	44.9	44.9	0.0	0.0%
33.3%	44.8	44.9	0.0	0.1%
34.6%	44.8	44.9	0.0	0.1%
35.8%	44.8	44.8	0.1	0.2%
37.0%	44.7	44.7	0.0	0.0%
38.3%	44.7	44.7	0.0	0.0%
39.5%	44.7	44.7	0.0	0.1%
40.7%	44.6	44.7	0.1	0.2%
42.0%	44.6	44.6	0.0	0.0%
43.2%	44.6	44.6	0.0	0.0%
44.4%	44.6	44.6	0.0	0.0%
45.7%	44.5	44.6	0.1	0.1%
46.9%	44.4	44.6	0.1	0.3%
48.1%	44.3	44.5	0.3	0.6%
49.4%	44.3	44.4	0.2	0.4%
50.6%	44.2	44.3	0.0	0.1%
51.9%	44.2	44.3	0.1	0.2%
53.1%	44.2	44.2	0.1	0.2%
54.3%	44.1	44.2	0.1	0.2%
55.6%	44.1	44.2	0.1	0.2%
56.8%	44.1	44.1	0.1	0.1%
58.0%	44.1	44.1	0.0	0.1%
59.3%	44.0	44.1	0.0	0.1%
60.5%	44.0	44.0	0.0	0.0%
61.7%	43.9	43.9	0.0	0.1%
63.0%	43.9	43.9	0.0	0.0%
64.2%	43.8	43.9	0.0	0.0%
65.4%	43.8	43.8	0.0	0.0%
66.7%	43.8	43.8	0.0	0.1%
67.9%	43.7	43.8	0.0	0.1%
69.1%	43.6	43.7	0.0	0.0%
70.4%	43.6	43.6	0.0	0.0%
71.6%	43.5	43.5	0.0	0.0%
72.8%	43.5	43.5	0.0	0.0%
74.1%	43.5	43.5	0.0	0.0%
75.3%	43.4	43.5	0.0	0.1%
76.5%	43.4	43.4	0.0	0.0%
77.8%	43.4	43.4	0.0	0.0%
79.0%	43.4	43.4	0.0	0.1%
80.2%	43.3	43.2	-0.1	-0.2%
81.5%	43.2	43.2	0.0	-0.1%
82.7%	43.1	43.2	0.0	0.1%
84.0%	42.9	42.9	0.0	0.0%
85.2%	42.9	42.9	0.0	0.0%
86.4%	42.9	42.9	0.0	0.0%
87.7%	42.9	42.8	0.0	0.0%
88.9%	42.9	42.8	0.0	0.0%
90.1%	42.8	42.8	0.0	-0.1%
91.4%	42.6	42.6	0.0	0.0%
92.6%	42.6	42.6	0.0	0.0%
93.8%	42.5	42.6	0.1	0.2%
95.1%	42.5	42.5	0.0	0.0%
96.3%	42.4	42.4	0.0	0.0%
97.5%	42.2	42.2	0.0	0.0%
98.8%	41.9	41.9	0.0	0.0%
100.0%	41.5	41.5	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	51.7	51.7	0.0	0.0%
1.2%	51.3	51.3	0.0	0.0%
2.5%	51.1	51.3	0.1	0.3%
3.7%	50.1	50.1	0.0	-0.1%
4.9%	50.0	50.0	0.0	-0.1%
6.2%	49.9	49.9	0.0	0.0%
7.4%	49.4	49.4	0.0	0.0%
8.6%	49.4	49.4	0.0	-0.1%
9.9%	49.4	49.2	-0.2	-0.5%
11.1%	49.3	49.2	-0.1	-0.2%
12.3%	49.2	49.1	-0.2	-0.3%
13.6%	49.2	49.0	-0.2	-0.3%
14.8%	49.1	49.0	-0.1	-0.1%
16.0%	49.0	48.9	-0.1	-0.2%
17.3%	49.0	48.8	-0.2	-0.4%
18.5%	48.8	48.7	-0.1	-0.2%
19.8%	48.8	48.6	-0.2	-0.3%
21.0%	48.7	48.6	-0.1	-0.1%
22.2%	48.6	48.6	-0.1	-0.1%
23.5%	48.6	48.3	-0.3	-0.5%
24.7%	48.5	48.3	-0.2	-0.4%
25.9%	48.4	48.3	-0.1	-0.2%
27.2%	48.3	48.2	-0.1	-0.2%
28.4%	48.3	48.2	-0.1	-0.3%
29.6%	48.3	48.1	-0.2	-0.4%
30.9%	48.3	48.1	-0.2	-0.5%
32.1%	48.1	48.0	-0.1	-0.3%
33.3%	48.1	48.0	-0.1	-0.2%
34.6%	48.1	48.0	-0.1	-0.2%
35.8%	48.0	47.9	-0.1	-0.1%
37.0%	48.0	47.9	-0.1	-0.3%
38.3%	47.9	47.8	-0.1	-0.2%
39.5%	47.8	47.8	0.0	0.0%
40.7%	47.8	47.8	0.0	-0.1%
42.0%	47.8	47.7	-0.1	-0.1%
43.2%	47.7	47.7	-0.1	-0.2%
44.4%	47.6	47.6	0.0	0.0%
45.7%	47.6	47.5	0.0	0.0%
46.9%	47.5	47.5	0.0	0.0%
48.1%	47.5	47.5	0.0	0.0%
49.4%	47.5	47.5	0.0	0.0%
50.6%	47.2	47.3	0.0	0.1%
51.9%	47.2	47.2	0.0	0.0%
53.1%	47.2	47.2	0.0	0.0%
54.3%	47.2	47.2	0.0	0.0%
55.6%	47.1	47.1	0.0	-0.1%
56.8%	47.1	47.1	0.0	0.0%
58.0%	47.0	47.1	0.1	0.1%
59.3%	47.0	47.0	0.0	0.0%
60.5%	47.0	47.0	0.0	0.0%
61.7%	47.0	47.0	0.0	0.0%
63.0%	46.9	46.9	0.0	-0.1%
64.2%	46.9	46.9	0.0	0.0%
65.4%	46.8	46.8	0.0	0.0%
66.7%	46.7	46.8	0.0	0.0%
67.9%	46.7	46.7	0.0	0.1%
69.1%	46.6	46.7	0.0	0.1%
70.4%	46.6	46.7	0.0	0.1%
71.6%	46.6	46.6	0.0	0.0%
72.8%	46.6	46.6	0.0	0.0%
74.1%	46.4	46.4	0.0	0.0%
75.3%	46.1	46.1	0.0	-0.1%
76.5%	46.1	46.1	0.0	0.1%
77.8%	46.0	46.0	0.0	0.0%
79.0%	46.0	46.0	0.0	0.0%
80.2%	46.0	46.0	0.0	0.0%
81.5%	46.0	46.0	0.0	0.0%
82.7%	46.0	45.9	0.0	0.0%
84.0%	45.9	45.9	0.0	0.0%
85.2%	45.9	45.9	0.0	0.0%
86.4%	45.9	45.9	0.0	-0.1%
87.7%	45.8	45.9	0.0	0.0%
88.9%	45.7	45.7	0.0	0.0%
90.1%	45.7	45.6	0.0	-0.1%
91.4%	45.6	45.6	-0.1	-0.1%
92.6%	45.4	45.5	0.1	0.1%
93.8%	45.4	45.4	0.0	0.0%
95.1%	45.4	45.4	0.0	0.0%
96.3%	45.3	45.3	0.0	0.0%
97.5%	45.2	45.2	0.0	0.1%
98.8%	45.0	44.9	0.0	-0.1%
100.0%	44.9	44.9	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	55.4	55.5	0.1	0.2%
1.2%	55.3	55.1	-0.1	-0.2%
2.5%	54.8	54.8	0.0	0.0%
3.7%	54.6	54.7	0.1	0.1%
4.9%	54.4	54.3	-0.1	-0.2%
6.2%	54.3	53.8	-0.5	-0.9%
7.4%	53.9	53.7	-0.2	-0.3%
8.6%	53.9	53.7	-0.2	-0.4%
9.9%	53.8	53.7	-0.2	-0.3%
11.1%	53.7	53.7	0.0	-0.1%
12.3%	53.7	53.6	-0.1	-0.1%
13.6%	53.5	53.5	0.0	-0.1%
14.8%	53.5	53.5	0.0	0.1%
16.0%	53.4	53.5	0.0	0.0%
17.3%	53.4	53.4	0.0	0.0%
18.5%	53.4	53.4	0.0	0.1%
19.8%	53.3	53.3	0.0	0.0%
21.0%	53.2	53.2	0.0	0.0%
22.2%	53.1	53.2	0.1	0.3%
23.5%	52.5	52.8	0.3	0.6%
24.7%	52.4	52.5	0.2	0.3%
25.9%	52.3	52.1	-0.1	-0.2%
27.2%	52.2	52.1	-0.1	-0.2%
28.4%	52.2	52.0	-0.3	-0.5%
29.6%	52.1	52.0	-0.2	-0.3%
30.9%	52.1	51.9	-0.2	-0.4%
32.1%	52.1	51.9	-0.2	-0.4%
33.3%	52.0	51.8	-0.1	-0.3%
34.6%	51.9	51.8	-0.1	-0.2%
35.8%	51.8	51.7	-0.1	-0.2%
37.0%	51.8	51.6	-0.2	-0.3%
38.3%	51.8	51.6	-0.1	-0.3%
39.5%	51.6	51.6	0.0	-0.1%
40.7%	51.6	51.6	0.0	-0.1%
42.0%	51.6	51.6	0.0	-0.1%
43.2%	51.6	51.6	0.0	-0.1%
44.4%	51.6	51.5	-0.1	-0.2%
45.7%	51.4	51.4	0.0	0.0%
46.9%	51.4	51.4	0.0	0.0%
48.1%	51.3	51.3	0.0	0.0%
49.4%	51.2	51.2	0.0	0.0%
50.6%	51.2	51.2	0.0	0.0%
51.9%	51.2	51.2	0.0	0.0%
53.1%	51.1	51.1	0.0	0.0%
54.3%	51.1	51.1	0.0	0.0%
55.6%	51.1	51.1	0.0	0.0%
56.8%	51.1	51.1	0.0	-0.1%
58.0%	51.1	51.0	-0.1	-0.1%
59.3%	50.9	50.9	0.0	0.0%
60.5%	50.9	50.9	0.0	0.0%
61.7%	50.8	50.8	0.0	0.0%
63.0%	50.6	50.6	0.0	-0.1%
64.2%	50.6	50.6	-0.1	-0.2%
65.4%	50.6	50.5	-0.1	-0.2%
66.7%	50.6	50.4	-0.2	-0.4%
67.9%	50.5	50.1	-0.4	-0.7%
69.1%	50.4	50.1	-0.3	-0.5%
70.4%	50.2	50.0	-0.2	-0.4%
71.6%	50.2	50.0	-0.2	-0.4%
72.8%	50.2	49.9	-0.3	-0.5%
74.1%	50.1	49.8	-0.2	-0.5%
75.3%	50.0	49.8	-0.2	-0.4%
76.5%	49.9	49.8	-0.1	-0.1%
77.8%	49.8	49.8	-0.1	-0.1%
79.0%	49.8	49.7	-0.1	-0.1%
80.2%	49.6	49.6	0.0	0.0%
81.5%	49.6	49.6	0.0	0.1%
82.7%	49.5	49.5	0.1	0.2%
84.0%	49.4	49.4	0.0	0.0%
85.2%	49.4	49.4	0.0	0.0%
86.4%	49.3	49.3	0.0	0.0%
87.7%	49.3	49.2	-0.1	-0.1%
88.9%	49.2	49.1	-0.1	-0.2%
90.1%	49.2	48.6	-0.6	-1.2%
91.4%	48.6	48.6	0.0	0.0%
92.6%	48.4	48.4	0.0	0.0%
93.8%	48.3	48.3	0.0	0.0%
95.1%	48.2	48.3	0.0	0.1%
96.3%	48.0	48.0	0.0	0.0%
97.5%	47.9	47.9	0.0	0.0%
98.8%	46.5	46.6	0.0	0.1%
100.0%	46.4	46.4	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	58.5	58.5	0.0	0.0%
1.2%	58.5	58.5	0.0	0.0%
2.5%	58.5	58.5	0.0	0.0%
3.7%	57.8	57.8	0.0	0.0%
4.9%	57.8	57.6	-0.2	-0.3%
6.2%	57.6	57.5	-0.1	-0.2%
7.4%	57.5	57.4	-0.1	-0.2%
8.6%	57.4	57.4	0.0	0.0%
9.9%	57.1	57.3	0.1	0.2%
11.1%	57.1	57.1	0.1	0.1%
12.3%	57.0	57.1	0.0	0.0%
13.6%	57.0	57.0	0.0	0.0%
14.8%	57.0	57.0	0.0	0.0%
16.0%	56.9	56.9	0.0	-0.1%
17.3%	56.9	56.7	-0.2	-0.3%
18.5%	56.7	56.7	0.0	0.0%
19.8%	56.5	56.6	0.1	0.1%
21.0%	56.5	56.5	0.0	0.0%
22.2%	56.3	56.4	0.1	0.2%
23.5%	56.3	56.4	0.2	0.3%
24.7%	56.2	56.4	0.2	0.3%
25.9%	56.2	56.2	0.0	0.1%
27.2%	56.1	56.0	0.0	0.0%
28.4%	56.0	56.0	0.0	0.0%
29.6%	56.0	56.0	0.0	0.0%
30.9%	56.0	55.9	-0.1	-0.2%
32.1%	55.9	55.8	0.0	0.0%
33.3%	55.9	55.8	-0.1	-0.2%
34.6%	55.8	55.8	0.0	0.0%
35.8%	55.7	55.6	-0.2	-0.3%
37.0%	55.7	55.6	-0.1	-0.3%
38.3%	55.6	55.6	0.0	0.0%
39.5%	55.5	55.5	0.0	0.0%
40.7%	55.2	55.4	0.1	0.3%
42.0%	55.2	55.2	0.0	0.0%
43.2%	55.1	55.2	0.1	0.1%
44.4%	54.9	55.1	0.2	0.4%
45.7%	54.9	55.0	0.0	0.1%
46.9%	54.9	54.9	0.0	0.0%
48.1%	54.9	54.9	0.0	0.0%
49.4%	54.9	54.8	-0.1	-0.1%
50.6%	54.8	54.8	-0.1	-0.1%
51.9%	54.8	54.8	0.0	0.0%
53.1%	54.8	54.8	0.0	0.0%
54.3%	54.7	54.7	-0.1	-0.1%
55.6%	54.7	54.7	0.0	-0.1%
56.8%	54.7	54.7	0.0	0.0%
58.0%	54.6	54.6	0.0	0.0%
59.3%	54.6	54.6	0.0	-0.1%
60.5%	54.4	54.4	0.0	-0.1%
61.7%	54.4	54.3	0.0	-0.1%
63.0%	54.4	54.3	-0.1	-0.2%
64.2%	54.3	54.2	0.0	-0.1%
65.4%	54.2	54.2	0.0	0.0%
66.7%	54.1	54.2	0.1	0.1%
67.9%	54.1	54.1	0.0	0.0%
69.1%	54.1	54.0	0.0	-0.1%
70.4%	53.9	54.0	0.1	0.2%
71.6%	53.9	54.0	0.1	0.3%
72.8%	53.7	53.9	0.1	0.3%
74.1%	53.7	53.9	0.2	0.4%
75.3%	53.6	53.7	0.2	0.4%
76.5%	53.4	53.7	0.3	0.5%
77.8%	53.4	53.6	0.2	0.5%
79.0%	53.4	53.4	0.0	0.0%
80.2%	53.2	53.3	0.1	0.2%
81.5%	52.9	53.0	0.1	0.2%
82.7%	52.9	52.8	-0.2	-0.3%
84.0%	52.9	52.7	-0.1	-0.3%
85.2%	52.7	52.7	0.0	0.0%
86.4%	52.7	52.7	0.0	0.0%
87.7%	52.5	52.6	0.0	0.1%
88.9%	52.5	52.5	0.0	0.0%
90.1%	52.3	52.3	-0.1	-0.1%
91.4%	52.1	52.2	0.1	0.2%
92.6%	52.1	52.1	0.0	0.0%
93.8%	51.8	52.1	0.3	0.5%
95.1%	51.1	51.2	0.1	0.1%
96.3%	50.9	50.9	0.0	0.0%
97.5%	50.8	50.8	0.0	0.0%
98.8%	50.1	50.1	0.0	0.1%
100.0%	49.7	49.7	0.0	0.1%

Table SQ-38-3b

Clear Creek at Mouth, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	65.8	65.8	0.0	0.0%
1.2%	65.1	64.9	-0.2	-0.3%
2.5%	64.9	64.9	-0.1	-0.1%
3.7%	64.8	64.4	-0.4	-0.7%
4.9%	64.4	64.2	-0.2	-0.3%
6.2%	64.2	64.1	-0.1	-0.2%
7.4%	63.8	63.7	-0.1	-0.2%
8.6%	63.7	63.7	0.0	0.0%
9.9%	63.2	63.5	0.3	0.5%
11.1%	62.9	63.1	0.2	0.2%
12.3%	62.8	62.9	0.1	0.2%
13.6%	62.6	62.8	0.2	0.2%
14.8%	61.6	61.5	0.0	-0.1%
16.0%	61.5	61.4	0.0	-0.1%
17.3%	61.3	61.3	-0.1	-0.1%
18.5%	61.3	61.3	0.0	0.0%
19.8%	61.2	61.2	0.0	-0.1%
21.0%	60.9	61.1	0.2	0.3%
22.2%	60.8	61.0	0.2	0.3%
23.5%	60.6	60.6	0.0	0.0%
24.7%	60.6	60.6	0.0	0.0%
25.9%	60.6	60.6	0.0	0.0%
27.2%	60.4	60.5	0.1	0.1%
28.4%	60.3	60.5	0.2	0.3%
29.6%	60.1	60.4	0.3	0.5%
30.9%	60.1	60.1	0.0	0.0%
32.1%	60.0	60.0	0.1	0.1%
33.3%	59.8	59.9	0.0	0.1%
34.6%	59.8	59.8	0.1	0.1%
35.8%	59.7	59.8	0.1	0.2%
37.0%	59.6	59.7	0.0	0.1%
38.3%	59.6	59.7	0.1	0.1%
39.5%	59.5	59.6	0.1	0.2%
40.7%	59.5	59.5	0.0	0.0%
42.0%	59.4	59.4	0.0	0.0%
43.2%	59.3	59.4	0.1	0.2%
44.4%	59.2	59.4	0.2	0.3%
45.7%	59.2	59.3	0.1	0.2%
46.9%	59.0	59.3	0.3	0.6%
48.1%	58.9	59.2	0.3	0.6%
49.4%	58.9	59.0	0.1	0.2%
50.6%	58.9	58.8	0.0	-0.1%
51.9%	58.8	58.8	0.0	-0.1%
53.1%	58.8	58.7	0.0	0.0%
54.3%	58.8	58.7	-0.1	-0.2%
55.6%	58.7	58.6	-0.1	-0.1%
56.8%	58.6	58.5	0.0	0.0%
58.0%	58.5	58.5	0.0	0.0%
59.3%	58.3	58.5	0.2	0.3%
60.5%	58.3	58.3	0.0	0.0%
61.7%	58.2	58.1	0.0	0.0%
63.0%	58.0	58.1	0.1	0.1%
64.2%	57.9	57.9	0.0	0.0%
65.4%	57.9	57.9	0.0	0.0%
66.7%	57.7	57.9	0.1	0.2%
67.9%	57.7	57.9	0.1	0.2%
69.1%	57.6	57.8	0.3	0.5%
70.4%	57.5	57.6	0.0	0.1%
71.6%	57.5	57.5	0.1	0.1%
72.8%	57.5	57.5	0.0	0.0%
74.1%	57.4	57.4	0.0	0.0%
75.3%	57.4	57.3	0.0	-0.1%
76.5%	57.3	57.1	-0.2	-0.4%
77.8%	57.2	57.0	-0.2	-0.3%
79.0%	56.9	56.9	-0.1	-0.1%
80.2%	56.9	56.8	-0.1	-0.2%
81.5%	56.8	56.6	-0.2	-0.3%
82.7%	56.7	56.5	-0.3	-0.4%
84.0%	56.5	56.3	-0.2	-0.4%
85.2%	56.3	56.3	-0.1	-0.1%
86.4%	56.3	56.2	-0.1	-0.2%
87.7%	56.3	56.2	-0.1	-0.2%
88.9%	56.0	56.1	0.0	0.1%
90.1%	55.9	56.0	0.2	0.3%
91.4%	55.8	55.9	0.1	0.1%
92.6%	55.8	55.9	0.1	0.2%
93.8%	55.2	55.2	0.0	0.0%
95.1%	54.7	54.7	0.0	0.1%
96.3%	54.5	54.5	0.0	0.0%
97.5%	54.5	54.5	0.0	0.0%
98.8%	53.4	53.4	0.0	0.0%
100.0%	51.9	51.9	0.0	0.0%

July

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	83.4	83.0	-0.4	-0.4%
1.2%	72.2	72.4	0.2	0.3%
2.5%	71.5	71.1	-0.4	-0.5%
3.7%	70.9	70.3	-0.6	-0.9%
4.9%	70.6	69.3	-1.3	-1.8%
6.2%	69.2	68.9	-0.3	-0.5%
7.4%	68.8	68.7	-0.1	-0.2%
8.6%	68.6	68.1	-0.5	-0.7%
9.9%	68.1	68.1	0.0	0.0%
11.1%	68.0	68.0	0.0	0.0%
12.3%	67.9	67.9	0.0	0.0%
13.6%	67.9	67.9	0.0	0.0%
14.8%	67.7	67.8	0.1	0.2%
16.0%	67.6	67.7	0.1	0.1%
17.3%	67.5	67.4	-0.1	-0.2%
18.5%	67.4	67.3	-0.1	-0.1%
19.8%	67.4	67.3	-0.1	-0.1%
21.0%	67.4	67.2	-0.2	-0.2%
22.2%	67.4	67.1	-0.2	-0.4%
23.5%	67.3	67.1	-0.2	-0.3%
24.7%	67.1	66.9	-0.1	-0.2%
25.9%	66.8	66.9	0.1	0.2%
27.2%	66.8	66.8	0.0	0.1%
28.4%	66.8	66.8	0.0	0.0%
29.6%	66.7	66.8	0.1	0.1%
30.9%	66.7	66.7	0.0	0.0%
32.1%	66.6	66.6	-0.1	-0.1%
33.3%	66.6	66.6	-0.1	-0.1%
34.6%	66.6	66.5	-0.1	-0.1%
35.8%	66.5	66.5	-0.1	-0.1%
37.0%	66.5	66.4	0.0	-0.1%
38.3%	66.4	66.4	-0.1	-0.1%
39.5%	66.4	66.4	-0.1	-0.1%
40.7%	66.3	66.2	-0.1	-0.2%
42.0%	66.1	66.1	0.0	0.0%
43.2%	66.0	66.1	0.0	0.1%
44.4%	65.6	66.1	0.4	0.7%
45.7%	65.6	66.0	0.4	0.6%
46.9%	65.5	65.7	0.2	0.4%
48.1%	65.4	65.6	0.2	0.3%
49.4%	65.2	65.3	0.0	0.1%
50.6%	65.2	65.3	0.1	0.2%
51.9%	65.1	65.2	0.1	0.1%
53.1%	64.9	65.1	0.2	0.3%
54.3%	64.9	65.1	0.2	0.3%
55.6%	64.9	65.1	0.2	0.4%
56.8%	64.7	65.1	0.4	0.6%
58.0%	64.7	64.7	0.0	0.1%
59.3%	64.6	64.6	0.0	-0.1%
60.5%	64.6	64.6	0.0	-0.1%
61.7%	64.6	64.6	0.0	0.0%
63.0%	64.5	64.5	0.0	0.0%
64.2%	64.5	64.5	0.0	0.0%
65.4%	64.5	64.5	0.0	0.0%
66.7%	64.4	64.3	-0.1	-0.2%
67.9%	64.3	64.3	0.0	0.0%
69.1%	64.2	64.2	0.0	0.0%
70.4%	64.2	64.2	0.0	0.0%
71.6%	64.2	64.2	0.0	0.0%
72.8%	64.2	64.1	-0.1	-0.1%
74.1%	64.2	64.1	-0.1	-0.1%
75.3%	64.1	64.0	-0.1	-0.2%
76.5%	63.9	63.9	0.0	0.0%
77.8%	63.8	63.9	0.1	0.2%
79.0%	63.7	63.8	0.1	0.1%
80.2%	63.3	63.6	0.3	0.4%
81.5%	63.2	63.3	0.1	0.2%
82.7%	63.0	63.3	0.3	0.5%
84.0%	62.8	63.1	0.3	0.5%
85.2%	62.8	63.0	0.3	0.4%
86.4%	62.7	62.9	0.2	0.3%
87.7%	62.6	62.5	-0.1	-0.1%
88.9%	62.2	62.4	0.2	0.3%
90.1%	62.0	61.9	-0.1	-0.2%
91.4%	61.7	61.8	0.0	0.1%
92.6%	61.7	61.7	0.0	-0.1%
93.8%	61.2	61.2	0.0	0.0%
95.1%	61.1	61.1	-0.1	-0.1%
96.3%	60.7	60.6	-0.1	-0.1%
97.5%	60.5	60.4	-0.1	-0.2%
98.8%	59.5	59.3	-0.1	-0.2%
100.0%	59.3	59.1	-0.2	-0.3%

August

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	74.0	74.1	0.0	0.0%
1.2%	69.6	69.5	-0.2	-0.2%
2.5%	68.6	67.5	-1.1	-1.7%
3.7%	67.7	66.9	-0.7	-1.1%
4.9%	66.8	66.6	-0.2	-0.4%
6.2%	66.6	66.4	-0.2	-0.2%
7.4%	66.5	66.2	-0.3	-0.4%
8.6%	66.3	66.2	-0.1	-0.2%
9.9%	66.3	66.1	-0.2	-0.2%
11.1%	66.2	66.1	-0.1	-0.2%
12.3%	66.2	66.0	-0.2	-0.3%
13.6%	65.8	65.8	0.0	0.0%
14.8%	65.1	65.6	0.4	0.7%
16.0%	65.0	65.0	0.0	-0.1%
17.3%	65.0	65.0	0.0	-0.1%
18.5%	64.9	65.0	0.0	0.0%
19.8%	64.9	64.9	0.1	0.1%
21.0%	64.8	64.9	0.0	0.0%
22.2%	64.8	64.8	0.0	0.1%
23.5%	64.7	64.7	0.0	0.0%
24.7%	64.7	64.7	0.0	0.0%
25.9%	64.7	64.7	0.0	0.0%
27.2%	64.7	64.7	0.0	0.0%
28.4%	64.7	64.6	0.0	0.0%
29.6%	64.7	64.2	-0.4	-0.6%
30.9%	64.7	64.2	-0.5	-0.7%
32.1%	64.3	64.1	-0.2	-0.3%
33.3%	64.2	64.1	-0.1	-0.2%
34.6%	63.9	64.1	0.1	0.2%
35.8%	63.9	63.9	0.0	0.0%
37.0%	63.8	63.9	0.1	0.1%
38.3%	63.8	63.8	0.0	0.0%
39.5%	63.7	63.8	0.0	0.0%
40.7%	63.7	63.7	0.1	0.1%
42.0%	63.5	63.7	0.2	0.4%
43.2%	63.5	63.7	0.3	0.4%
44.4%	63.3	63.5	0.1	0.2%
45.7%	63.3	63.5	0.1	0.2%
46.9%	63.3	63.3	0.0	0.0%
48.1%	63.2	63.2	0.0	0.0%
49.4%	63.2	63.1	0.0	-0.1%
50.6%	63.1	63.1	-0.1	-0.1%
51.9%	63.1	63.0	-0.1	-0.2%
53.1%	63.0	63.0	0.0	0.0%
54.3%	62.8	63.0	0.1	0.2%
55.6%	62.8	63.0	0.1	0.2%
56.8%	62.8	62.9	0.1	0.1%
58.0%	62.8	62.9	0.1	0.1%
59.3%	62.8	62.9	0.1	0.1%
60.5%	62.8	62.8	0.0	0.0%
61.7%	62.7	62.8	0.1	0.1%
63.0%	62.7	62.8	0.1	0.1%
64.2%	62.7	62.7	0.1	0.1%
65.4%	62.4	62.6	0.2	0.4%
66.7%	62.4	62.6	0.2	0.3%
67.9%	62.3	62.5	0.2	0.3%
69.1%	62.1	62.4	0.3	0.5%
70.4%	62.1	62.4	0.3	0.5%
71.6%	62.0	62.4	0.3	0.5%
72.8%	62.0	62.2	0.2	0.3%
74.1%	61.9	62.1	0.2	0.4%
75.3%	61.7	62.0	0.3	0.6%
76.5%	61.6	61.9	0.3	0.4%
77.8%	61.5	61.8	0.3	0.5%
79.0%	61.4	61.7	0.3	0.5%
80.2%	61.3	61.6	0.3	0.4%
81.5%	61.2	61.5	0.2	0.4%
82.7%	61.2	61.5	0.2	0.4%
84.0%	61.0	61.3	0.3	0.5%
85.2%	61.0	61.3	0.4	0.6%
86.4%	60.8	61.3	0.5	0.8%
87.7%	60.7	61.3	0.5	0.9%
88.9%	60.6	61.2	0.5	0.9%
90.1%	60.6	61.0	0.4	0.6%
91.4%	60.6	60.9	0.3	0.5%
92.6%	60.4	60.7	0.3	0.5%
93.8%	60.2	60.2	0.0	0.0%
95.1%	60.0	60.0	0.0	0.0%
96.3%	59.6	59.7	0.0	0.1%
97.5%	59.5	59.4	0.0	-0.1%
98.8%	59.5	59.4	0.0	-0.1%
100.0%	59.1	59.4	0.3	0.5%

September

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	66.2	63.2	-3.0	-4.5%
1.2%	63.9	63.1	-0.8	-1.2%
2.5%	63.1	62.2	-0.9	-1.5%
3.7%	63.1	61.9	-1.2	-1.9%
4.9%	62.4	61.8	-0.6	-0.9%
6.2%	61.9	60.7	-1.2	-1.9%
7.4%	61.3	60.4	-0.9	-1.5%
8.6%	61.0	60.3	-0.8	-1.2%
9.9%	61.0	60.2	-0.8	-1.3%
11.1%	60.4	60.1	-0.3	-0.5%
12.3%	60.3	59.5	-0.8	-1.4%
13.6%	60.1	59.2	-0.8	-1.4%
14.8%	59.7	59.1	-0.6	-1.0%
16.0%	59.2	58.8	-0.4	-0.6%
17.3%	58.8	58.8	0.0	0.1%
18.5%	58.5	58.4	-0.1	-0.2%
19.8%	58.2	58.2	0.0	0.0%
21.0%	58.2	58.1	-0.1	-0.2%
22.2%	58.1	58.0	-0.1	-0.1%
23.5%	58.0	58.0	0.0	0.0%
24.7%	57.9	58.0	0.1	0.1%
25.9%	57.7	57.8	0.0	0.0%
27.2%	57.6	57.7	0.1	0.1%
28.4%	57.6	57.6	0.0	0.1%
29.6%	57.5	57.5	0.0	0.1%
30.9%	57.5	57.4	0.0	-0.1%
32.1%	57.5	57.4	-0.1	-0.1%
33.3%	57.3	57.4	0.1	0.2%
34.6%	57.2	57.3	0.1	0.2%
35.8%	57.2	57.3	0.2	0.3%
37.0%	57.0	56.9	-0.1	-0.2%
38.3%	56.8	56.6	-0.2	-0.4%
39.5%	56.8	56.6	-0.2	-0.4%
40.7%	56.7	56.6	-0.1	-0.2%
42.0%	56.6	56.6	-0.1	-0.1%
43.2%	56.6	56.6	0.0	-0.1%
44.4%	56.6	56.5	0.0	-0.1%
45.7%	56.5	56.5	0.0	0.0%
46.9%	56.5	56.5	0.0	0.0%
48.1%	56.5	56.4	-0.1	-0.1%
49.4%	56.5	56.4	-0.1	-0.1%
50.6%	56.5	56.4	-0.1	-0.2%
51.9%	56.4	56.4	-0.1	-0.2%
53.1%	56.4	56.3	-0.1	-0.3%
54.3%	56.4	56.2	-0.2	-0.3%
55.6%	56.4	56.2	-0.2	-0.3%
56.8%	56.3	56.2	-0.1	-0.2%
58.0%	56.2	56.1	-0.1	-0.2%
59.3%	56.2	56.1	-0.1	-0.2%
60.5%	56.1	56.1	-0.1	-0.1%
61.7%	56.0	56.0	0.0	-0.1%
63.0%	56.0	55.9	0.0	0.0%
64.2%	55.9	55.9	0.0	0.0%
65.4%	55.9	55.9	0.0	0.0%
66.7%	55.9	55.9	0.0	-0.1%
67.9%	55.8	55.8	0.0	0.0%
69.1%	55.8	55.8	0.0	-0.1%
70.4%	55.8	55.8	0.0	0.0%
71.6%	55.7	55.7	0.0	0.0%
72.8%	55.7	55.6	0.0	-0.1%
74.1%	55.6	55.6	0.1	0.1%
75.3%	55.5	55.6	0.1	0.2%
76.5%	55.5	55.6	0.1	0.2%
77.8%	55.5	55.5	0.1	0.1%
79.0%	55.4	55.5	0.1	0.1%
80.2%	55.4	55.4	0.0	0.1%
81.5%	55.4	55.4	0.1	0.1%
82.7%	55.3	55.4	0.1	0.3%
84.0%	55.2	55.4	0.1	0.2%
85.2%	55.1	55.3	0.2	0.4%
86.4%	55.0	55.3	0.2	0.4%
87.7%	55.0	55.2	0.1	0.3%
88.9%	55.0	55.2	0.1	0.3%
90.1%	54.9	55.0	0.2	0.3%
91.4%	54.8	54.8	0.1	0.1%
92.6%	54.6	54.7	0.1	0.2%
93.8%	54.4	54.5	0.1	0.2%
95.1%	54.4	54.4	0.1	0.1%
96.3%	54.3	54.4	0.1	0.1%
97.5%	54.3	54.2	-0.1	-0.1%
98.8%	53.9	53.8	-0.1	-0.1%
100.0%	53.8	53.7	0.0	-0.1%

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Alternative B Compared to No Action Alternative

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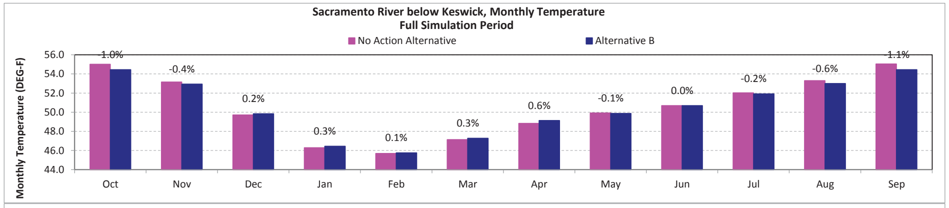
Table SQ-02-5a
Sacramento River below Keswick, Monthly Temperature
Long-term Average and Average by Water Year Type

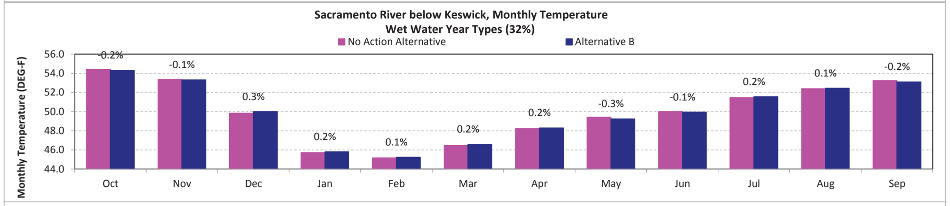
	Monthly Temperature (DEG-F)											
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period[1]												
No Action Alternative	55.0	53.2	49.7	46.3	45.7	47.1	48.8	49.9	50.7	52.0	53.3	55.0
Alternative B	54.4	52.9	49.8	46.4	45.8	47.3	49.1	49.9	50.7	51.9	53.0	54.4
Difference	-0.6	-0.2	0.1	0.1	0.1	0.1	0.3	0.0	0.0	-0.1	-0.3	-0.6
Percent Difference[3]	-1.0%	-0.4%	0.2%	0.3%	0.1%	0.3%	0.6%	-0.1%	0.0%	-0.2%	-0.6%	-1.1%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	54.4	53.3	49.8	45.7	45.2	46.5	48.2	49.4	50.0	51.5	52.4	53.2
Alternative B	54.3	53.3	50.0	45.8	45.2	46.6	48.3	49.2	49.9	51.6	52.4	53.1
Difference	-0.1	0.0	0.2	0.1	0.1	0.1	0.1	-0.2	-0.1	0.1	0.1	-0.1
Percent Difference	-0.2%	-0.1%	0.3%	0.2%	0.1%	0.2%	0.2%	-0.3%	-0.1%	0.2%	0.1%	-0.2%
Above Normal (15%)												
No Action Alternative	53.5	52.7	50.0	46.2	45.6	47.2	48.9	49.8	49.8	51.1	52.7	53.7
Alternative B	53.2	52.6	50.2	46.3	45.6	47.2	49.2	49.6	49.9	51.0	52.6	53.5
Difference	-0.3	-0.1	0.2	0.1	0.0	0.1	0.3	-0.2	0.1	0.0	-0.1	-0.2
Percent Difference	-0.6%	-0.2%	0.4%	0.3%	0.1%	0.1%	0.6%	-0.3%	0.2%	-0.1%	-0.2%	-0.3%
Below Normal (17%)												
No Action Alternative	53.1	52.4	49.9	46.6	45.6	47.0	49.0	49.8	50.3	51.4	52.1	53.8
Alternative B	52.8	52.3	50.0	46.7	45.6	47.0	49.2	49.8	50.3	51.4	52.0	53.3
Difference	-0.3	-0.1	0.1	0.1	0.0	0.0	0.2	0.0	-0.1	0.0	-0.2	-0.5
Percent Difference	-0.6%	-0.3%	0.2%	0.2%	0.0%	0.1%	0.5%	0.0%	-0.1%	0.0%	-0.3%	-1.0%
Dry (22%)												
No Action Alternative	55.3	53.5	49.8	46.8	46.0	47.6	49.0	49.8	50.9	51.7	53.2	55.5
Alternative B	54.3	53.0	49.8	47.0	46.1	47.9	49.5	49.9	51.0	51.6	52.7	54.6
Difference	-1.0	-0.5	0.0	0.2	0.1	0.2	0.5	0.1	0.1	0.0	-0.5	-0.9
Percent Difference	-1.9%	-1.0%	0.0%	0.4%	0.2%	0.5%	1.0%	0.3%	0.2%	-0.1%	-0.9%	-1.7%
Critical (15%)												
No Action Alternative	59.6	53.6	48.8	46.6	46.4	48.1	49.7	51.5	53.2	55.5	57.4	61.1
Alternative B	58.1	53.2	49.0	46.8	46.6	48.3	50.2	51.6	53.2	54.7	56.2	59.5
Difference	-1.5	-0.4	0.2	0.2	0.1	0.2	0.5	0.1	0.0	-0.8	-1.2	-1.6
Percent Difference	-2.5%	-0.7%	0.4%	0.5%	0.3%	0.4%	1.0%	0.1%	0.0%	-1.4%	-2.1%	-2.6%

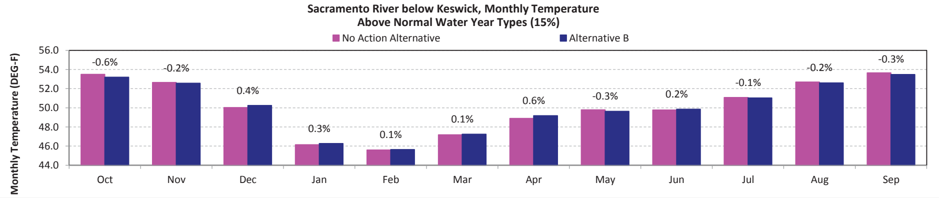
1 Based on the 82-year simulation period

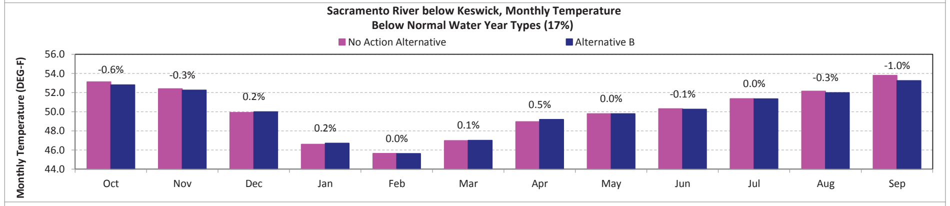
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

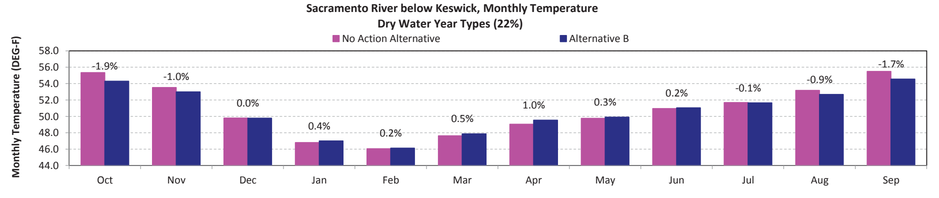
3 Relative difference of the monthly average











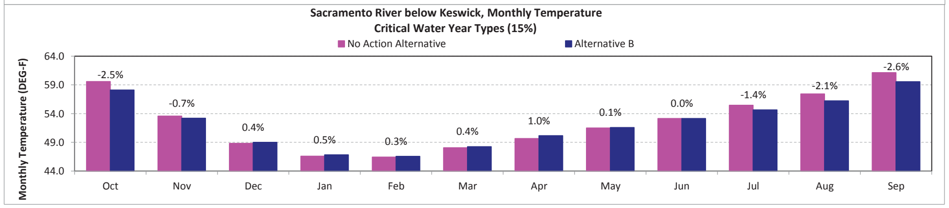


Figure SQ-02-5b
Sacramento River below Keswick, Monthly Temperature
Probability of Exceedance

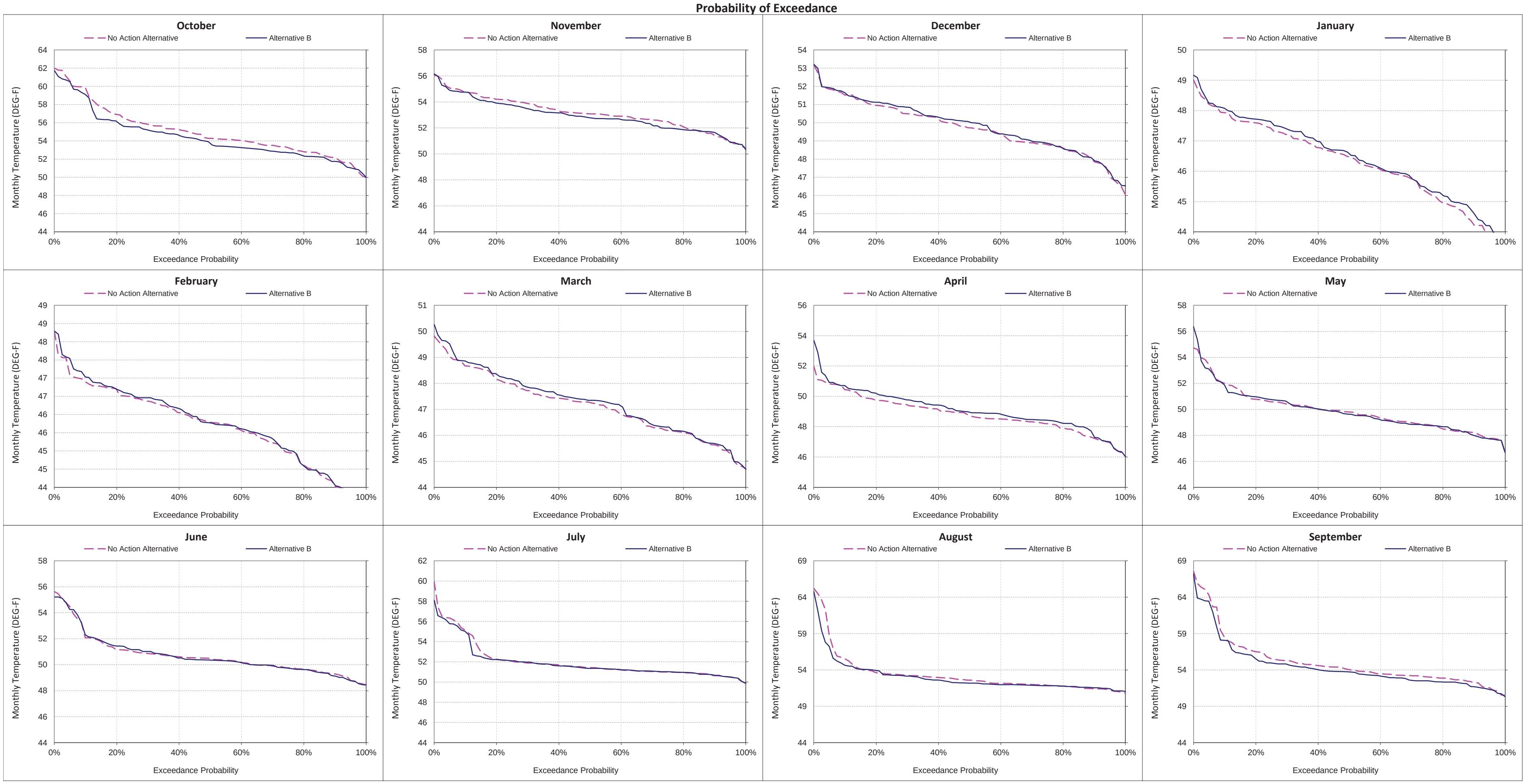


Table SQ-02-5b

Sacramento River below Keswick, Monthly Temperature

Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	62.0	61.7	-0.3	-0.4%
1.2%	61.8	61.1	-0.7	-1.1%
2.5%	61.8	60.8	-0.9	-1.5%
3.7%	61.1	60.7	-0.4	-0.7%
4.9%	60.6	60.5	-0.1	-0.1%
6.2%	60.0	59.7	-0.3	-0.5%
7.4%	60.0	59.6	-0.3	-0.6%
8.6%	60.0	59.3	-0.6	-1.0%
9.9%	59.9	59.1	-0.8	-1.3%
11.1%	58.9	58.7	-0.1	-0.2%
12.3%	58.5	57.3	-1.1	-1.9%
13.6%	58.0	56.4	-1.6	-2.8%
14.8%	57.7	56.4	-1.4	-2.4%
16.0%	57.6	56.3	-1.2	-2.2%
17.3%	57.3	56.3	-0.9	-1.6%
18.5%	57.0	56.2	-0.8	-1.4%
19.8%	56.9	56.2	-0.7	-1.2%
21.0%	56.9	55.9	-1.0	-1.8%
22.2%	56.5	55.6	-0.9	-1.6%
23.5%	56.3	55.6	-0.8	-1.4%
24.7%	56.2	55.5	-0.6	-1.1%
25.9%	56.1	55.5	-0.6	-1.0%
27.2%	56.1	55.5	-0.5	-0.9%
28.4%	55.9	55.3	-0.6	-1.1%
29.6%	55.9	55.2	-0.6	-1.1%
30.9%	55.8	55.1	-0.6	-1.1%
32.1%	55.6	55.0	-0.6	-1.1%
33.3%	55.6	55.0	-0.7	-1.2%
34.6%	55.6	55.0	-0.7	-1.2%
35.8%	55.4	54.8	-0.5	-1.0%
37.0%	55.3	54.8	-0.5	-1.0%
38.3%	55.3	54.8	-0.5	-1.0%
39.5%	55.3	54.7	-0.6	-1.1%
40.7%	55.2	54.5	-0.7	-1.2%
42.0%	55.1	54.4	-0.7	-1.3%
43.2%	55.0	54.3	-0.6	-1.2%
44.4%	54.9	54.3	-0.5	-1.0%
45.7%	54.7	54.2	-0.6	-1.0%
46.9%	54.7	54.1	-0.7	-1.3%
48.1%	54.4	54.0	-0.4	-0.7%
49.4%	54.3	53.9	-0.4	-0.7%
50.6%	54.3	53.6	-0.7	-1.3%
51.9%	54.2	53.4	-0.8	-1.5%
53.1%	54.2	53.4	-0.8	-1.4%
54.3%	54.2	53.4	-0.8	-1.4%
55.6%	54.2	53.4	-0.8	-1.5%
56.8%	54.2	53.3	-0.8	-1.5%
58.0%	54.1	53.3	-0.8	-1.4%
59.3%	54.1	53.3	-0.8	-1.4%
60.5%	54.0	53.2	-0.8	-1.5%
61.7%	54.0	53.2	-0.7	-1.4%
63.0%	53.9	53.2	-0.7	-1.3%
64.2%	53.9	53.1	-0.7	-1.4%
65.4%	53.7	53.1	-0.6	-1.1%
66.7%	53.6	53.1	-0.5	-1.0%
67.9%	53.5	53.0	-0.5	-1.0%
69.1%	53.5	52.9	-0.6	-1.2%
70.4%	53.5	52.9	-0.6	-1.2%
71.6%	53.4	52.8	-0.6	-1.1%
72.8%	53.4	52.7	-0.6	-1.1%
74.1%	53.4	52.7	-0.6	-1.2%
75.3%	53.2	52.7	-0.5	-1.0%
76.5%	53.1	52.7	-0.4	-0.7%
77.8%	52.9	52.6	-0.3	-0.6%
79.0%	52.9	52.5	-0.4	-0.8%
80.2%	52.8	52.3	-0.5	-0.9%
81.5%	52.8	52.3	-0.5	-0.9%
82.7%	52.7	52.3	-0.5	-0.9%
84.0%	52.7	52.3	-0.5	-0.9%
85.2%	52.5	52.2	-0.3	-0.6%
86.4%	52.4	52.2	-0.2	-0.4%
87.7%	52.3	52.0	-0.3	-0.5%
88.9%	52.2	51.8	-0.4	-0.8%
90.1%	52.2	51.7	-0.4	-0.9%
91.4%	51.8	51.7	-0.2	-0.3%
92.6%	51.6	51.5	-0.1	-0.2%
93.8%	51.6	51.1	-0.5	-1.0%
95.1%	51.5	51.0	-0.5	-1.0%
96.3%	51.0	50.9	-0.1	-0.2%
97.5%	50.6	50.8	0.2	0.4%
98.8%	50.1	50.4	0.3	0.6%
100.0%	50.0	50.0	0.0	0.1%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.1	56.2	0.1	0.2%
1.2%	56.0	56.0	0.0	0.0%
2.5%	55.7	55.3	-0.5	-0.8%
3.7%	55.3	55.2	-0.1	-0.1%
4.9%	55.1	54.9	-0.2	-0.3%
6.2%	55.0	54.8	-0.2	-0.3%
7.4%	55.0	54.8	-0.2	-0.4%
8.6%	54.9	54.7	-0.1	-0.3%
9.9%	54.7	54.7	0.0	0.0%
11.1%	54.7	54.7	0.0	0.1%
12.3%	54.7	54.4	-0.3	-0.5%
13.6%	54.7	54.2	-0.4	-0.8%
14.8%	54.4	54.1	-0.3	-0.6%
16.0%	54.3	54.1	-0.2	-0.4%
17.3%	54.3	54.0	-0.3	-0.6%
18.5%	54.3	54.0	-0.3	-0.6%
19.8%	54.2	53.9	-0.3	-0.6%
21.0%	54.2	53.9	-0.3	-0.6%
22.2%	54.2	53.9	-0.3	-0.6%
23.5%	54.2	53.8	-0.4	-0.7%
24.7%	54.1	53.8	-0.3	-0.6%
25.9%	54.0	53.7	-0.4	-0.7%
27.2%	54.0	53.7	-0.3	-0.6%
28.4%	54.0	53.6	-0.4	-0.7%
29.6%	53.9	53.5	-0.4	-0.7%
30.9%	53.8	53.4	-0.4	-0.8%
32.1%	53.8	53.3	-0.5	-0.8%
33.3%	53.6	53.3	-0.3	-0.5%
34.6%	53.6	53.3	-0.3	-0.6%
35.8%	53.6	53.2	-0.4	-0.7%
37.0%	53.5	53.2	-0.3	-0.5%
38.3%	53.4	53.2	-0.3	-0.5%
39.5%	53.4	53.2	-0.2	-0.4%
40.7%	53.2	53.2	-0.1	-0.2%
42.0%	53.2	53.1	-0.2	-0.3%
43.2%	53.2	53.0	-0.2	-0.4%
44.4%	53.2	53.0	-0.2	-0.4%
45.7%	53.1	52.9	-0.2	-0.4%
46.9%	53.1	52.9	-0.2	-0.5%
48.1%	53.1	52.9	-0.2	-0.5%
49.4%	53.1	52.8	-0.3	-0.5%
50.6%	53.1	52.8	-0.3	-0.6%
51.9%	53.1	52.7	-0.4	-0.7%
53.1%	53.1	52.7	-0.4	-0.7%
54.3%	53.0	52.7	-0.3	-0.6%
55.6%	53.0	52.7	-0.3	-0.5%
56.8%	52.9	52.7	-0.2	-0.4%
58.0%	52.9	52.7	-0.2	-0.4%
59.3%	52.9	52.7	-0.2	-0.4%
60.5%	52.9	52.6	-0.3	-0.5%
61.7%	52.9	52.6	-0.3	-0.5%
63.0%	52.8	52.6	-0.2	-0.4%
64.2%	52.7	52.6	-0.1	-0.2%
65.4%	52.7	52.5	-0.2	-0.4%
66.7%	52.7	52.5	-0.2	-0.4%
67.9%	52.7	52.4	-0.3	-0.6%
69.1%	52.7	52.3	-0.3	-0.6%
70.4%	52.6	52.2	-0.4	-0.8%
71.6%	52.6	52.2	-0.4	-0.8%
72.8%	52.5	52.0	-0.5	-1.0%
74.1%	52.5	52.0	-0.5	-1.0%
75.3%	52.5	52.0	-0.5	-0.9%
76.5%	52.3	52.0	-0.3	-0.6%
77.8%	52.2	51.9	-0.3	-0.5%
79.0%	52.2	51.9	-0.3	-0.6%
80.2%	52.1	51.9	-0.2	-0.4%
81.5%	51.9	51.8	-0.1	-0.2%
82.7%	51.9	51.8	-0.1	-0.1%
84.0%	51.8	51.8	0.0	0.0%
85.2%	51.7	51.8	0.1	0.1%
86.4%	51.7	51.7	0.0	0.0%
87.7%	51.6	51.7	0.1	0.3%
88.9%	51.6	51.7	0.1	0.2%
90.1%	51.4	51.6	0.2	0.4%
91.4%	51.3	51.5	0.1	0.3%
92.6%	51.3	51.3	0.0	0.1%
93.8%	51.0	51.1	0.1	0.2%
95.1%	50.9	50.9	-0.1	-0.1%
96.3%	50.8	50.9	0.1	0.2%
97.5%	50.8	50.7	-0.1	-0.1%
98.8%	50.6	50.7	0.2	0.3%
100.0%	50.5	50.3	-0.2	-0.3%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.2	53.2	0.0	0.0%
1.2%	52.8	53.0	0.2	0.5%
2.5%	52.1	52.0	-0.1	-0.2%
3.7%	51.9	52.0	0.0	0.1%
4.9%	51.9	51.9	0.1	0.2%
6.2%	51.8	51.9	0.1	0.1%
7.4%	51.7	51.8	0.1	0.1%
8.6%	51.7	51.8	0.1	0.1%
9.9%	51.5	51.7	0.1	0.2%
11.1%	51.5	51.5	0.0	-0.1%
12.3%	51.5	51.4	-0.1	-0.1%
13.6%	51.3	51.4	0.1	0.2%
14.8%	51.2	51.3	0.1	0.1%
16.0%	51.2	51.2	0.0	0.0%
17.3%	51.1	51.2	0.1	0.3%
18.5%	51.0	51.1	0.1	0.3%
19.8%	51.0	51.1	0.2	0.3%
21.0%	50.9	51.1	0.2	0.4%
22.2%	50.9	51.1	0.2	0.3%
23.5%	50.9	51.1	0.2	0.4%
24.7%	50.9	51.0	0.2	0.3%
25.9%	50.8	50.9	0.1	0.3%
27.2%	50.7	50.9	0.2	0.3%
28.4%	50.5	50.9	0.4	0.7%
29.6%	50.5	50.9	0.4	0.7%
30.9%	50.5	50.8	0.4	0.7%
32.1%	50.5	50.7	0.2	0.5%
33.3%	50.4	50.6	0.2	0.4%
34.6%	50.4	50.5	0.1	0.2%
35.8%	50.4	50.4	0.0	0.1%
37.0%	50.3	50.4	0.1	0.1%
38.3%	50.3	50.4	0.0	0.1%
39.5%	50.3	50.3	0.0	0.0%
40.7%	50.1	50.3	0.2	0.4%
42.0%	50.0	50.2	0.2	0.4%
43.2%	50.0	50.2	0.2	0.4%
44.4%	50.0	50.2	0.2	0.4%
45.7%	49.9	50.1	0.2	0.4%
46.9%	49.8	50.1	0.3	0.6%
48.1%	49.8	50.1	0.3	0.6%
49.4%	49.7	50.1	0.3	0.7%
50.6%	49.7	50.0	0.3	0.6%
51.9%	49.7	50.0	0.3	0.6%
53.1%	49.7	50.0	0.3	0.6%
54.3%	49.6	49.9	0.3	0.5%
55.6%	49.6	49.9	0.3	0.5%
56.8%	49.6	49.5	0.0	-0.1%
58.0%	49.5	49.4	-0.1	-0.2%
59.3%	49.4	49.4	0.0	0.0%
60.5%	49.4	49.4	0.0	0.0%
61.7%	49.2	49.3	0.2	0.4%
63.0%	49.0	49.3	0.3	0.6%
64.2%	49.0	49.3	0.3	0.7%
65.4%	49.0	49.2	0.3	0.6%
66.7%	48.9	49.1	0.1	0.3%
67.9%	48.9	49.1	0.2	0.3%
69.1%	48.9	49.1	0.1	0.3%
70.4%	48.9	49.0	0.1	0.1%
71.6%	48.8	48.9	0.1	0.2%
72.8%	48.8	48.9	0.1	0.2%
74.1%	48.8	48.9	0.1	0.1%
75.3%	48.8	48.9	0.1	0.2%
76.5%	48.7	48.8	0.1	0.1%
77.8%	48.7	48.7	0.0	0.0%
79.0%	48.7	48.7	0.0	0.1%
80.2%	48.6	48.6	0.0	-0.1%
81.5%	48.5	48.5	0.1	0.1%
82.7%	48.4	48.5	0.0	0.1%
84.0%	48.4	48.5	0.1	0.1%
85.2%	48.4	48.3	-0.1	-0.1%
86.4%	48.3	48.1	-0.2	-0.4%
87.7%	48.2	48.1	-0.1	-0.2%
88.9%	48.0	48.1	0.1	0.1%
90.1%	47.8	47.9	0.1	0.1%
91.4%	47.8	47.9	0.1	0.2%
92.6%	47.8	47.7	0.0	-0.1%
93.8%	47.5	47.5	0.0	-0.1%
95.1%	47.0	47.3	0.3	0.6%
96.3%	46.9	46.8	0.0	0.0%
97.5%	46.7	46.8	0.2	0.3%
98.8%	46.5	46.5	0.1	0.2%
100.0%	46.0	46.5	0.5	1.1%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	49.0	49.2	0.2	0.3%
1.2%	48.7	49.1	0.4	0.7%
2.5%	48.5	48.7	0.2	0.4%
3.7%	48.4	48.5	0.1	0.2%
4.9%	48.2	48.3	0.0	0.1%
6.2%	48.1	48.2	0.1	0.2%
7.4%	48.1	48.1	0.0	0.0%
8.6%	47.9	48.1	0.2	0.3%
9.9%	47.9	48.1	0.1	0.3%
11.1%	47.9	48.0	0.1	0.1%
12.3%	47.7	48.0	0.2	0.5%
13.6%	47.7	47.8	0.2	0.4%
14.8%	47.7	47.8	0.1	0.3%
16.0%	47.6	47.8	0.1	0.3%
17.3%	47.6	47.7	0.1	0.2%
18.5%	47.6	47.7	0.1	0.3%
19.8%	47.6	47.7	0.1	0.3%
21.0%	47.6	47.7	0.1	0.3%
22.2%	47.5	47.7	0.2	0.3%
23.5%	47.5	47.7	0.2	0.4%
24.7%	47.4	47.6	0.2	0.5%
25.9%	47.3	47.5	0.2	0.4%
27.2%	47.3	47.5	0.2	0.4%
28.4%	47.3	47.5	0.2	0.4%
29.6%	47.2	47.4	0.2	0.4%
30.9%	47.2	47.3	0.1	0.3%
32.1%	47.1	47.3	0.2	0.5%
33.3%	47.1	47.3	0.2	0.5%
34.6%	47.0	47.3	0.3	0.6%
35.8%	47.0	47.2	0.1	0.3%
37.0%	46.9	47.1	0.2	0.4%
38.3%	46.9	47.1	0.2	0.4%
39.5%	46.8	47.0	0.2	0.5%
40.7%	46.8	47.0	0.2	0.4%
42.0%	46.7	46.8	0.1	0.2%
43.2%	46.7	46.7	0.1	0.1%
44.4%	46.7	46.7	0.0	0.1%
45.7%	46.6	46.7	0.1	0.2%
46.9%	46.6	46.7	0.1	0.2%
48.1%	46.6	46.7	0.1	0.3%
49.4%	46.5	46.6	0.1	0.3%
50.6%	46.5	46.5	0.1	0.1%
51.9%	46.4	46.5	0.1	0.2%
53.1%	46.3	46.4	0.1	0.2%
54.3%	46.2	46.3	0.1	0.3%
55.6%	46.2	46.3	0.1	0.2%
56.8%	46.1	46.2	0.1	0.2%
58.0%	46.1	46.2	0.1	0.2%
59.3%	46.1	46.1	0.0	0.1%
60.5%	46.0	46.1	0.1	0.1%
61.7%	46.0	46.0	0.0	0.0%
63.0%	46.0	46.0	0.0	0.0%
64.2%	45.9	46.0	0.1	0.1%
65.4%	45.9	46.0	0.1	0.2%
66.7%	45.9	45.9	0.1	0.2%
67.9%	45.8	45.9	0.1	0.2%
69.1%	45.8	45.9	0.1	0.2%
70.4%	45.7	45.7	0.0	0.0%
71.6%	45.7	45.7	0.0	0.0%
72.8%	45.4	45.5	0.1	0.2%
74.1%	45.4	45.5	0.1	0.3%
75.3%	45.3	45.4	0.1	0.2%
76.5%	45.2	45.3	0.1	0.3%
77.8%	45.1	45.3	0.2	0.4%
79.0%	45.0	45.3	0.3	0.6%
80.2%	44.9	45.2	0.2	0.5%
81.5%	44.9	45.2	0.2	0.5%
82.7%	44.9	45.0	0.1	0.3%
84.0%	44.8	45.0	0.1	0.3%
85.2%	44.7	45.0	0.2	0.5%
86.4%	44.7	44.9	0.2	0.5%
87.7%	44.5	44.9	0.4	0.9%
88.9%	44.4	44.8	0.4	0.8%
90.1%	44.2	44.6	0.4	0.8%
91.4%	44.2	44.4	0.2	0.4%
92.6%	44.2	44.4	0.2	0.4%
93.8%	44.0	44.2	0.2	0.5%
95.1%	43.9	44.2	0.3	0.7%
96.3%	43.8	44.0	0.2	0.4%
97.5%	43.7	43.8	0.1	0.2%
98.8%	43.6	43.7	0.1	0.2%
100.0%	42.1	42.1	0.0	0.0%

Table SQ-02-5b

Sacramento River below Keswick, Monthly Temperature
Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	48.3	48.3	0.0	0.0%
1.2%	47.6	48.2	0.6	1.2%
2.5%	47.6	47.6	0.1	0.2%
3.7%	47.6	47.6	0.0	0.1%
4.9%	47.1	47.5	0.4	0.9%
6.2%	47.0	47.3	0.2	0.5%
7.4%	47.0	47.2	0.2	0.4%
8.6%	47.0	47.2	0.2	0.4%
9.9%	46.9	47.0	0.1	0.3%
11.1%	46.8	47.0	0.2	0.4%
12.3%	46.8	46.9	0.1	0.2%
13.6%	46.8	46.9	0.1	0.2%
14.8%	46.8	46.9	0.1	0.2%
16.0%	46.8	46.8	0.0	0.1%
17.3%	46.7	46.8	0.0	0.1%
18.5%	46.7	46.8	0.0	0.1%
19.8%	46.7	46.7	0.0	0.0%
21.0%	46.5	46.7	0.1	0.3%
22.2%	46.5	46.6	0.1	0.2%
23.5%	46.5	46.6	0.1	0.2%
24.7%	46.5	46.6	0.1	0.1%
25.9%	46.4	46.5	0.0	0.1%
27.2%	46.4	46.5	0.0	0.1%
28.4%	46.4	46.5	0.1	0.1%
29.6%	46.4	46.5	0.1	0.2%
30.9%	46.4	46.5	0.1	0.2%
32.1%	46.3	46.4	0.1	0.2%
33.3%	46.3	46.4	0.1	0.2%
34.6%	46.2	46.4	0.1	0.3%
35.8%	46.2	46.3	0.1	0.2%
37.0%	46.2	46.2	0.1	0.1%
38.3%	46.1	46.2	0.1	0.1%
39.5%	46.1	46.2	0.1	0.3%
40.7%	46.0	46.1	0.1	0.2%
42.0%	46.0	46.1	0.1	0.1%
43.2%	46.0	46.0	0.0	0.1%
44.4%	45.9	45.9	0.1	0.1%
45.7%	45.9	45.9	0.1	0.1%
46.9%	45.9	45.8	-0.1	-0.1%
48.1%	45.8	45.8	0.0	-0.1%
49.4%	45.8	45.8	0.0	-0.1%
50.6%	45.8	45.8	0.0	0.0%
51.9%	45.8	45.7	0.0	-0.1%
53.1%	45.8	45.7	0.0	-0.1%
54.3%	45.7	45.7	0.0	-0.1%
55.6%	45.7	45.7	0.0	-0.1%
56.8%	45.7	45.7	0.0	0.0%
58.0%	45.6	45.7	0.1	0.2%
59.3%	45.6	45.6	0.0	0.1%
60.5%	45.5	45.6	0.1	0.1%
61.7%	45.5	45.6	0.1	0.1%
63.0%	45.5	45.5	0.0	0.1%
64.2%	45.5	45.5	0.0	0.1%
65.4%	45.4	45.5	0.1	0.2%
66.7%	45.3	45.4	0.1	0.2%
67.9%	45.3	45.4	0.1	0.2%
69.1%	45.2	45.4	0.2	0.3%
70.4%	45.2	45.3	0.1	0.2%
71.6%	45.2	45.2	0.0	0.0%
72.8%	45.1	45.1	0.0	0.0%
74.1%	45.0	45.1	0.1	0.2%
75.3%	45.0	45.0	0.1	0.1%
76.5%	44.9	45.0	0.1	0.1%
77.8%	44.9	44.9	0.0	0.1%
79.0%	44.6	44.7	0.0	0.1%
80.2%	44.6	44.6	0.0	-0.1%
81.5%	44.5	44.5	0.0	-0.1%
82.7%	44.5	44.5	0.0	-0.1%
84.0%	44.5	44.5	0.0	-0.1%
85.2%	44.3	44.4	0.0	0.1%
86.4%	44.3	44.4	0.1	0.2%
87.7%	44.2	44.3	0.1	0.3%
88.9%	44.2	44.2	0.0	0.0%
90.1%	44.0	44.0	0.0	0.1%
91.4%	44.0	44.0	0.0	0.0%
92.6%	44.0	44.0	0.0	-0.1%
93.8%	43.9	44.0	0.1	0.1%
95.1%	43.9	43.9	0.0	0.1%
96.3%	43.6	43.6	0.0	-0.1%
97.5%	43.6	43.6	0.0	-0.1%
98.8%	43.4	43.4	0.0	0.0%
100.0%	43.1	43.1	0.0	-0.1%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	49.8	50.3	0.4	0.9%
1.2%	49.6	49.9	0.2	0.4%
2.5%	49.5	49.7	0.2	0.4%
3.7%	49.3	49.6	0.3	0.7%
4.9%	49.0	49.5	0.5	1.0%
6.2%	48.9	49.2	0.3	0.5%
7.4%	48.9	48.9	0.0	-0.1%
8.6%	48.9	48.9	0.0	0.0%
9.9%	48.7	48.9	0.2	0.4%
11.1%	48.7	48.8	0.1	0.3%
12.3%	48.6	48.8	0.2	0.3%
13.6%	48.6	48.7	0.1	0.3%
14.8%	48.6	48.7	0.2	0.3%
16.0%	48.5	48.6	0.1	0.2%
17.3%	48.5	48.6	0.1	0.2%
18.5%	48.4	48.4	0.0	0.0%
19.8%	48.2	48.4	0.2	0.5%
21.0%	48.1	48.3	0.1	0.3%
22.2%	48.1	48.2	0.2	0.4%
23.5%	48.0	48.2	0.2	0.4%
24.7%	48.0	48.2	0.2	0.4%
25.9%	48.0	48.1	0.1	0.3%
27.2%	47.8	48.1	0.3	0.6%
28.4%	47.8	47.9	0.1	0.3%
29.6%	47.7	47.9	0.1	0.3%
30.9%	47.7	47.8	0.1	0.2%
32.1%	47.6	47.8	0.2	0.5%
33.3%	47.6	47.8	0.2	0.4%
34.6%	47.5	47.7	0.2	0.5%
35.8%	47.5	47.7	0.2	0.4%
37.0%	47.5	47.7	0.2	0.5%
38.3%	47.4	47.7	0.2	0.5%
39.5%	47.4	47.6	0.1	0.3%
40.7%	47.4	47.5	0.1	0.2%
42.0%	47.4	47.5	0.1	0.2%
43.2%	47.4	47.5	0.1	0.2%
44.4%	47.3	47.4	0.1	0.2%
45.7%	47.3	47.4	0.1	0.2%
46.9%	47.3	47.4	0.1	0.2%
48.1%	47.3	47.4	0.1	0.2%
49.4%	47.3	47.4	0.1	0.2%
50.6%	47.2	47.3	0.1	0.2%
51.9%	47.2	47.3	0.1	0.3%
53.1%	47.2	47.3	0.2	0.3%
54.3%	47.2	47.3	0.1	0.3%
55.6%	47.0	47.3	0.2	0.5%
56.8%	47.0	47.2	0.2	0.5%
58.0%	47.0	47.2	0.2	0.5%
59.3%	46.9	47.2	0.3	0.7%
60.5%	46.8	47.1	0.3	0.7%
61.7%	46.7	46.8	0.0	0.1%
63.0%	46.7	46.8	0.1	0.1%
64.2%	46.7	46.7	0.0	0.0%
65.4%	46.7	46.7	0.0	0.0%
66.7%	46.6	46.6	0.1	0.1%
67.9%	46.4	46.6	0.2	0.5%
69.1%	46.4	46.5	0.1	0.2%
70.4%	46.3	46.4	0.1	0.2%
71.6%	46.3	46.4	0.1	0.2%
72.8%	46.3	46.3	0.1	0.2%
74.1%	46.2	46.3	0.1	0.3%
75.3%	46.2	46.3	0.1	0.3%
76.5%	46.2	46.2	0.0	0.0%
77.8%	46.1	46.2	0.0	0.1%
79.0%	46.1	46.2	0.0	0.1%
80.2%	46.1	46.2	0.1	0.1%
81.5%	46.1	46.1	0.0	0.1%
82.7%	46.0	46.1	0.0	0.1%
84.0%	45.9	45.9	0.0	-0.1%
85.2%	45.8	45.8	0.0	0.1%
86.4%	45.7	45.8	0.0	0.1%
87.7%	45.7	45.7	0.0	0.0%
88.9%	45.6	45.7	0.1	0.1%
90.1%	45.6	45.7	0.1	0.1%
91.4%	45.6	45.6	0.1	0.1%
92.6%	45.4	45.6	0.2	0.4%
93.8%	45.4	45.4	0.0	0.0%
95.1%	45.3	45.4	0.1	0.3%
96.3%	45.0	45.0	0.0	0.0%
97.5%	44.8	45.0	0.1	0.3%
98.8%	44.8	44.9	0.1	0.1%
100.0%	44.7	44.7	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	52.0	53.7	1.7	3.3%
1.2%	51.1	52.9	1.8	3.5%
2.5%	51.1	51.6	0.5	1.0%
3.7%	50.9	51.4	0.4	0.9%
4.9%	50.8	50.9	0.1	0.2%
6.2%	50.8	50.9	0.1	0.2%
7.4%	50.8	50.8	0.0	0.0%
8.6%	50.8	50.7	0.0	-0.1%
9.9%	50.4	50.7	0.3	0.5%
11.1%	50.4	50.5	0.1	0.2%
12.3%	50.3	50.5	0.2	0.3%
13.6%	50.3	50.4	0.2	0.3%
14.8%	50.0	50.4	0.4	0.8%
16.0%	49.9	50.4	0.5	1.0%
17.3%	49.9	50.4	0.5	1.0%
18.5%	49.8	50.2	0.4	0.8%
19.8%	49.8	50.2	0.5	0.9%
21.0%	49.7	50.1	0.4	0.8%
22.2%	49.7	50.1	0.4	0.7%
23.5%	49.7	50.0	0.3	0.6%
24.7%	49.6	50.0	0.3	0.7%
25.9%	49.5	49.9	0.4	0.8%
27.2%	49.5	49.9	0.4	0.8%
28.4%	49.5	49.8	0.4	0.7%
29.6%	49.5	49.8	0.3	0.6%
30.9%	49.4	49.8	0.4	0.8%
32.1%	49.4	49.7	0.3	0.7%
33.3%	49.3	49.7	0.3	0.7%
34.6%	49.3	49.6	0.4	0.7%
35.8%	49.3	49.5	0.2	0.5%
37.0%	49.2	49.5	0.3	0.5%
38.3%	49.2	49.4	0.3	0.5%
39.5%	49.2	49.4	0.3	0.5%
40.7%	49.0	49.4	0.4	0.8%
42.0%	49.0	49.3	0.3	0.7%
43.2%	49.0	49.2	0.2	0.4%
44.4%	49.0	49.2	0.2	0.5%
45.7%	48.9	49.1	0.1	0.2%
46.9%	48.9	49.0	0.1	0.2%
48.1%	48.9	49.0	0.1	0.2%
49.4%	48.8	49.0	0.2	0.4%
50.6%	48.7	48.9	0.2	0.5%
51.9%	48.6	48.9	0.3	0.6%
53.1%	48.6	48.9	0.3	0.7%
54.3%	48.6	48.9	0.3	0.6%
55.6%	48.5	48.9	0.4	0.7%
56.8%	48.5	48.9	0.4	0.7%
58.0%	48.5	48.9	0.4	0.7%
59.3%	48.5	48.9	0.3	0.7%
60.5%	48.5	48.8	0.3	0.6%
61.7%	48.5	48.7	0.2	0.5%
63.0%	48.4	48.7	0.2	0.5%
64.2%	48.4	48.6	0.2	0.4%
65.4%	48.4	48.6	0.2	0.3%
66.7%	48.4	48.5	0.2	0.3%
67.9%	48.4	48.5	0.1	0.3%
69.1%	48.3	48.5	0.1	0.3%
70.4%	48.3	48.5	0.2	0.3%
71.6%	48.3	48.5	0.2	0.4%
72.8%	48.3	48.4	0.2	0.4%
74.1%	48.2	48.4	0.2	0.5%
75.3%	48.2	48.4	0.2	0.5%
76.5%	48.1	48.4	0.2	0.5%
77.8%	48.1	48.4	0.2	0.5%
79.0%	47.9	48.3	0.4	0.7%
80.2%	47.9	48.2	0.3	0.6%
81.5%	47.8	48.2	0.4	0.8%
82.7%	47.8	48.2	0.4	0.8%
84.0%	47.7	48.0	0.4	0.8%
85.2%	47.6	48.0	0.4	0.8%
86.4%	47.4	48.0	0.6	1.2%
87.7%	47.4	47.9	0.5	1.1%
88.9%	47.3	47.7	0.4	0.9%
90.1%	47.2	47.3	0.1	0.1%
91.4%	47.1	47.3	0.1	0.3%
92.6%	47.1	47.1	-0.1	-0.1%
93.8%	47.0	47.0	0.0	0.1%
95.1%	46.9	47.0	0.1	0.1%
96.3%	46.6	46.6	0.0	-0.1%
97.5%	46.4	46.4	0.0	0.0%
98.8%	46.3	46.4	0.1	0.2%
100.0%	46.0	46.0	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.7	56.4	1.6	3.0%
1.2%	54.6	55.4	0.7	1.4%
2.5%	54.0	53.7	-0.2	-0.4%
3.7%	53.8	53.2	-0.6	-1.2%
4.9%	53.4	53.1	-0.3	-0.6%
6.2%	52.8	52.8	-0.1	-0.1%
7.4%	52.3	52.2	-0.1	-0.2%
8.6%	52.1	52.1	0.0	0.0%
9.9%	52.0	51.9	-0.1	-0.2%
11.1%	51.9	51.3	-0.6	-1.1%
12.3%	51.8	51.3	-0.5	-1.0%
13.6%	51.6	51.2	-0.4	-0.8%
14.8%	51.6	51.1	-0.4	-0.9%
16.0%	51.1	51.1	-0.1	-0.1%
17.3%	51.0	51.0	0.1	0.2%
18.5%	50.8	51.0	0.2	0.4%
19.8%	50.8	51.0	0.2	0.4%
21.0%	50.8	50.9	0.2	0.3%
22.2%	50.7	50.9	0.2	0.3%
23.5%	50.6	50.8	0.1	0.3%
24.7%	50.6	50.8	0.2	0.3%
25.9%	50.6	50.7	0.2	0.3%
27.2%	50.5	50.7	0.1	0.3%
28.4%	50.5	50.7	0.2	0.3%
29.6%	50.4	50.6	0.2	0.4%
30.9%	50.4	50.4	0.0	0.0%
32.1%	50.3	50.3	-0.1	-0.1%
33.3%	50.3	50.2	-0.1	-0.1%
34.6%	50.3	50.2	-0.1	-0.2%
35.8%	50.3	50.2	-0.1	-0.2%
37.0%	50.2	50.1	-0.1	-0.1%
38.3%	50.1	50.1	0.0	0.0%
39.5%	50.0	50.0	0.0	0.1%
40.7%	50.0	50.0	0.0	0.1%
42.0%	49.9	50.0	0.0	0.0%
43.2%	49.9	49.9	0.0	-0.1%
44.4%	49.9	49.9	-0.1	-0.1%
45.7%	49.9	49.8	-0.1	-0.1%
46.9%	49.9	49.8	-0.1	-0.2%
48.1%	49.8	49.7	-0.2	-0.3%
49.4%	49.8	49.6	-0.2	-0.3%
50.6%	49.8	49.6	-0.2	-0.4%
51.9%	49.8	49.5	-0.2	-0.4%
53.1%	49.6	49.5	-0.1	-0.1%
54.3%	49.6	49.5	-0.1	-0.1%
55.6%	49.6	49.5	-0.1	-0.2%
56.8%	49.5	49.4	-0.1	-0.3%
58.0%	49.5	49.3	-0.2	-0.4%
59.3%	49.4	49.3	-0.1	-0.3%
60.5%	49.3	49.1	-0.2	-0.4%
61.7%	49.2	49.1	-0.1	-0.2%
63.0%	49.2	49.1	-0.1	-0.2%
64.2%	49.1	49.0	-0.1	-0.1%
65.4%	49.1	49.0	-0.1	-0.3%
66.7%	49.1	48.9	-0.1	-0.3%
67.9%	49.1	48.9	-0.1	-0.2%
69.1%	49.0	48.8	-0.2	-0.4%
70.4%	48.9	48.8	-0.1	-0.2%
71.6%	48.9	48.8	-0.1	-0.1%
72.8%	48.9	48.8	0.0	-0.1%
74.1%	48.8	48.8	-0.1	-0.1%
75.3%	48.8	48.7	-0.1	-0.1%
76.5%	48.8	48.7	0.0	-0.1%
77.8%	48.8	48.7	0.0	0.0%
79.0%	48.6	48.7	0.1	0.2%
80.2%	48.5	48.7	0.2	0.4%
81.5%	48.5	48.6	0.2	0.4%
82.7%	48.4	48.5	0.1	0.1%
84.0%	48.3	48.4	0.1	0.2%
85.2%	48.3	48.4	0.1	0.2%
86.4%	48.3	48.3	0.0	-0.1%
87.7%	48.3	48.3	0.0	0.0%
88.9%	48.2	48.1	-0.1	-0.3%
90.1%	48.2	48.0	-0.2	-0.5%
91.4%	48.1	47.9	-0.2	-0.4%
92.6%	47.9	47.8	-0.1	-0.3%
93.8%	47.8	47.8	0.0	0.0%
95.1%	47.8	47.7	-0.1	-0.1%
96.3%	47.8	47.7	-0.1	-0.1%
97.5%	47.7	47.6	-0.1	-0.1%
98.8%	47.6	47.6	0.0	-0.1%
100.0%	46.6	46.7	0.1	0.1%

Table SQ-02-5b

Sacramento River below Keswick, Monthly Temperature
Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative B Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	55.6	55.2	-0.4	-0.7%
1.2%	55.5	55.2	-0.3	-0.5%
2.5%	55.0	55.1	0.1	0.1%
3.7%	54.8	54.8	0.0	0.0%
4.9%	54.5	54.2	-0.2	-0.4%
6.2%	53.9	54.2	0.3	0.6%
7.4%	53.5	53.8	0.3	0.6%
8.6%	53.3	53.2	-0.1	-0.1%
9.9%	52.1	52.3	0.2	0.4%
11.1%	52.1	52.1	0.0	0.1%
12.3%	52.0	52.1	0.1	0.2%
13.6%	51.9	52.0	0.1	0.1%
14.8%	51.8	51.9	0.1	0.1%
16.0%	51.6	51.7	0.1	0.3%
17.3%	51.4	51.6	0.2	0.3%
18.5%	51.4	51.5	0.1	0.3%
19.8%	51.2	51.4	0.3	0.5%
21.0%	51.2	51.4	0.3	0.6%
22.2%	51.1	51.4	0.3	0.6%
23.5%	51.1	51.3	0.1	0.3%
24.7%	51.0	51.2	0.1	0.2%
25.9%	51.0	51.2	0.2	0.3%
27.2%	50.9	51.2	0.2	0.4%
28.4%	50.9	51.0	0.1	0.2%
29.6%	50.9	51.0	0.1	0.3%
30.9%	50.8	51.0	0.2	0.3%
32.1%	50.8	50.9	0.0	0.1%
33.3%	50.8	50.9	0.0	0.1%
34.6%	50.8	50.8	0.1	0.1%
35.8%	50.7	50.8	0.1	0.1%
37.0%	50.7	50.7	0.0	0.0%
38.3%	50.6	50.6	0.0	0.0%
39.5%	50.6	50.5	-0.1	-0.2%
40.7%	50.6	50.5	-0.1	-0.2%
42.0%	50.5	50.4	-0.1	-0.2%
43.2%	50.5	50.4	-0.1	-0.3%
44.4%	50.5	50.4	-0.1	-0.3%
45.7%	50.5	50.4	-0.1	-0.3%
46.9%	50.5	50.4	-0.1	-0.3%
48.1%	50.5	50.4	-0.1	-0.3%
49.4%	50.5	50.4	-0.1	-0.3%
50.6%	50.4	50.3	-0.1	-0.2%
51.9%	50.4	50.3	-0.1	-0.1%
53.1%	50.4	50.3	-0.1	-0.1%
54.3%	50.3	50.3	0.0	-0.1%
55.6%	50.3	50.3	0.0	-0.1%
56.8%	50.3	50.3	0.0	-0.1%
58.0%	50.3	50.2	0.0	-0.1%
59.3%	50.2	50.2	0.0	-0.1%
60.5%	50.2	50.1	0.0	-0.1%
61.7%	50.1	50.1	0.0	-0.1%
63.0%	50.0	50.0	0.0	0.0%
64.2%	50.0	50.0	0.0	0.0%
65.4%	50.0	50.0	0.0	0.0%
66.7%	50.0	50.0	0.0	0.1%
67.9%	49.9	50.0	0.0	0.1%
69.1%	49.9	50.0	0.0	0.0%
70.4%	49.9	49.9	0.1	0.1%
71.6%	49.9	49.8	-0.1	-0.1%
72.8%	49.9	49.8	-0.1	-0.2%
74.1%	49.8	49.8	0.0	0.0%
75.3%	49.8	49.7	0.0	-0.1%
76.5%	49.7	49.7	-0.1	-0.1%
77.8%	49.7	49.6	0.0	-0.1%
79.0%	49.7	49.6	0.0	-0.1%
80.2%	49.6	49.6	0.0	0.0%
81.5%	49.6	49.6	0.0	0.1%
82.7%	49.6	49.5	-0.1	-0.1%
84.0%	49.5	49.4	-0.1	-0.2%
85.2%	49.5	49.4	-0.1	-0.2%
86.4%	49.4	49.4	0.0	0.0%
87.7%	49.4	49.3	0.0	0.0%
88.9%	49.3	49.2	-0.1	-0.3%
90.1%	49.3	49.1	-0.2	-0.3%
91.4%	49.2	49.0	-0.2	-0.4%
92.6%	49.1	49.0	-0.1	-0.2%
93.8%	49.1	48.9	-0.2	-0.4%
95.1%	48.8	48.8	0.0	0.0%
96.3%	48.7	48.7	0.1	0.1%
97.5%	48.6	48.5	0.0	-0.1%
98.8%	48.5	48.5	-0.1	-0.1%
100.0%	48.4	48.4	0.0	0.0%

July				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative B Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	59.9	58.1	-1.8	-3.1%
1.2%	57.4	56.6	-0.8	-1.5%
2.5%	56.5	56.4	-0.1	-0.2%
3.7%	56.4	56.2	-0.2	-0.3%
4.9%	56.3	55.8	-0.6	-1.0%
6.2%	56.2	55.8	-0.4	-0.7%
7.4%	55.9	55.5	-0.4	-0.7%
8.6%	55.4	55.2	-0.2	-0.4%
9.9%	55.2	55.0	-0.1	-0.2%
11.1%	54.8	54.7	-0.2	-0.3%
12.3%	54.6	52.7	-1.9	-3.5%
13.6%	53.7	52.6	-1.2	-2.2%
14.8%	53.1	52.5	-0.6	-1.0%
16.0%	52.8	52.4	-0.4	-0.7%
17.3%	52.5	52.3	-0.2	-0.5%
18.5%	52.3	52.2	-0.1	-0.2%
19.8%	52.3	52.2	-0.1	-0.1%
21.0%	52.2	52.2	0.0	0.0%
22.2%	52.2	52.2	0.0	0.1%
23.5%	52.1	52.2	0.0	0.1%
24.7%	52.1	52.1	0.0	0.0%
25.9%	52.0	52.1	0.1	0.2%
27.2%	52.0	52.0	0.0	0.1%
28.4%	52.0	52.0	0.0	0.1%
29.6%	51.9	52.0	0.1	0.2%
30.9%	51.9	52.0	0.1	0.2%
32.1%	51.9	51.9	0.0	0.0%
33.3%	51.8	51.8	0.0	0.0%
34.6%	51.8	51.8	0.0	0.1%
35.8%	51.8	51.8	0.0	0.1%
37.0%	51.7	51.8	0.0	0.0%
38.3%	51.7	51.6	-0.1	-0.2%
39.5%	51.7	51.6	-0.1	-0.2%
40.7%	51.7	51.6	-0.1	-0.1%
42.0%	51.6	51.6	0.0	0.0%
43.2%	51.6	51.6	0.0	-0.1%
44.4%	51.6	51.5	-0.1	-0.1%
45.7%	51.5	51.5	-0.1	-0.1%
46.9%	51.5	51.4	-0.1	-0.2%
48.1%	51.5	51.4	-0.1	-0.1%
49.4%	51.4	51.4	-0.1	-0.1%
50.6%	51.4	51.4	-0.1	-0.1%
51.9%	51.4	51.3	-0.1	-0.1%
53.1%	51.3	51.3	0.0	0.0%
54.3%	51.3	51.3	0.0	0.1%
55.6%	51.3	51.3	0.0	0.0%
56.8%	51.3	51.3	0.0	0.0%
58.0%	51.3	51.3	0.0	0.0%
59.3%	51.3	51.2	0.0	-0.1%
60.5%	51.2	51.2	0.0	0.1%
61.7%	51.2	51.2	0.1	0.1%
63.0%	51.1	51.2	0.0	0.0%
64.2%	51.1	51.1	0.0	0.0%
65.4%	51.1	51.1	0.0	0.1%
66.7%	51.1	51.1	0.0	0.0%
67.9%	51.1	51.1	0.0	0.1%
69.1%	51.1	51.1	0.0	0.1%
70.4%	51.0	51.1	0.0	0.1%
71.6%	51.0	51.1	0.0	0.0%
72.8%	51.0	51.0	0.0	0.1%
74.1%	51.0	51.0	0.0	0.0%
75.3%	51.0	51.0	0.0	0.0%
76.5%	51.0	51.0	0.0	0.0%
77.8%	51.0	51.0	0.0	0.0%
79.0%	51.0	51.0	0.0	0.0%
80.2%	50.9	51.0	0.0	0.0%
81.5%	50.9	50.9	0.0	0.1%
82.7%	50.9	50.9	0.0	0.0%
84.0%	50.9	50.9	0.0	0.0%
85.2%	50.8	50.8	-0.1	-0.1%
86.4%	50.8	50.8	-0.1	-0.1%
87.7%	50.8	50.8	0.0	-0.1%
88.9%	50.7	50.7	0.1	0.1%
90.1%	50.6	50.7	0.0	0.1%
91.4%	50.6	50.7	0.0	0.1%
92.6%	50.6	50.6	0.0	0.0%
93.8%	50.5	50.5	0.0	0.1%
95.1%	50.5	50.5	0.0	0.0%
96.3%	50.4	50.4	0.0	0.0%
97.5%	50.3	50.4	0.1	0.2%
98.8%	50.1	50.0	0.0	0.0%
100.0%	49.9	49.9	0.0	0.1%

August				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative B Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	65.2	64.8	-0.4	-0.6%
1.2%	64.5	62.2	-2.3	-3.6%
2.5%	63.6	59.4	-4.2	-6.7%
3.7%	62.3	57.8	-4.5	-7.2%
4.9%	58.7	57.2	-1.5	-2.6%
6.2%	57.0	55.6	-1.4	-2.4%
7.4%	55.9	55.2	-0.7	-1.3%
8.6%	55.7	55.0	-0.8	-1.4%
9.9%	55.5	54.6	-0.9	-1.6%
11.1%	55.3	54.5	-0.7	-1.3%
12.3%	54.8	54.5	-0.3	-0.5%
13.6%	54.4	54.2	-0.2	-0.4%
14.8%	54.1	54.1	0.0	0.0%
16.0%	54.0	54.1	0.1	0.2%
17.3%	53.9	54.1	0.1	0.2%
18.5%	53.9	54.0	0.1	0.2%
19.8%	53.6	53.9	0.3	0.6%
21.0%	53.6	53.9	0.3	0.6%
22.2%	53.5	53.3	-0.2	-0.3%
23.5%	53.4	53.3	-0.1	-0.2%
24.7%	53.4	53.3	-0.2	-0.3%
25.9%	53.4	53.3	-0.1	-0.2%
27.2%	53.4	53.3	-0.1	-0.2%
28.4%	53.3	53.2	-0.1	-0.2%
29.6%	53.3	53.1	-0.1	-0.2%
30.9%	53.2	53.1	-0.1	-0.2%
32.1%	53.2	53.1	-0.1	-0.2%
33.3%	53.2	53.0	-0.1	-0.3%
34.6%	53.1	52.8	-0.3	-0.5%
35.8%	53.1	52.7	-0.4	-0.7%
37.0%	53.0	52.7	-0.4	-0.7%
38.3%	53.0	52.6	-0.4	-0.7%
39.5%	53.0	52.6	-0.4	-0.7%
40.7%	52.9	52.6	-0.4	-0.7%
42.0%	52.9	52.5	-0.4	-0.8%
43.2%	52.9	52.4	-0.5	-0.9%
44.4%	52.8	52.3	-0.6	-1.1%
45.7%	52.7	52.3	-0.5	-0.9%
46.9%	52.7	52.2	-0.5	-0.9%
48.1%	52.7	52.2	-0.4	-0.8%
49.4%	52.6	52.2	-0.4	-0.7%
50.6%	52.6	52.2	-0.4	-0.7%
51.9%	52.5	52.2	-0.3	-0.6%
53.1%	52.5	52.1	-0.3	-0.7%
54.3%	52.5	52.1	-0.4	-0.7%
55.6%	52.4	52.1	-0.3	-0.6%
56.8%	52.2	52.0	-0.2	-0.3%
58.0%	52.2	52.0	-0.2	-0.3%
59.3%	52.2	52.0	-0.2	-0.3%
60.5%	52.2	52.0	-0.2	-0.3%
61.7%	52.1	52.0	-0.2	-0.3%
63.0%	52.1	52.0	-0.2	-0.3%
64.2%	52.1	52.0	-0.1	-0.3%
65.4%	52.1	52.0	-0.1	-0.2%
66.7%	52.1	51.9	-0.1	-0.2%
67.9%	52.0	51.9	-0.1	-0.2%
69.1%	52.0	51.9	-0.1	-0.2%
70.4%	52.0	51.9	-0.1	-0.2%
71.6%	52.0	51.9	-0.1	-0.2%
72.8%	51.9	51.8	-0.1	-0.2%
74.1%	51.9	51.8	-0.1	-0.2%
75.3%	51.9	51.8	0.0	0.0%
76.5%	51.8	51.8	0.0	0.0%
77.8%	51.8	51.8	0.0	0.1%
79.0%	51.8	51.8	0.0	0.0%
80.2%	51.8	51.8	0.0	0.0%
81.5%	51.7	51.7	0.0	0.0%
82.7%	51.7	51.7	0.0	0.1%
84.0%	51.6	51.7	0.1	0.1%
85.2%	51.6	51.6	0.0	0.0%
86.4%	51.5	51.6	0.1	0.3%
87.7%	51.4	51.6	0.2	0.3%
88.9%	51.4	51.6	0.2	0.3%
90.1%	51.4	51.5	0.1	0.3%
91.4%	51.4	51.5	0.1	0.3%
92.6%	51.4	51.5	0.1	0.2%
93.8%	51.3	51.5	0.1	0.3%
95.1%	51.2	51.4	0.2	0.4%
96.3%	51.1	51.1	0.0	0.1%
97.5%	51.0	51.1	0.1	0.2%
98.8%	50.9	51.1	0.2	0.3%
100.0%	50.8	51.0	0.2	0.4%

September				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative B Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	67.6	67.2	-0.4	-0.5%
1.2%	65.9	63.9	-2.0	-3.0%
2.5%	65.4	63.7	-1.6	-2.5%
3.7%	65.1	63.5	-1.6	-2.4%
4.9%	64.3	63.5	-0.8	-1.3%
6.2%	62.7	62.0	-0.7	-1.1%
7.4%	62.6	59.9	-2.7	-4.3%
8.6%	59.4	58.1	-1.3	-2.3%
9.9%	58.5	58.1	-0.5	-0.8%
11.1%	58.0	58.0	0.0	0.0%
12.3%	57.8	56.8	-1.0	-1.7%
13.6%	57.3	56.4	-0.9	-1.5%
14.8%	57.2	56.3	-0.9	-1.6%
16.0%	57.1	56.2	-1.0	-1.7%
17.3%	56.8	56.1	-0.7	-1.2%
18.5%	56.7	56.0	-0.6	-1.1%
19.8%	56.5	55.6	-0.9	-1.6%
21.0%	56.5	55.2	-1.3	-2.2%
22.2%	56.4	55.2	-1.2	-2.2%
23.5%	55.8	54.9	-0.9	-1.5%
24.7%	55.6	54.9	-0.6	-1.1%
25.9%	55.5	54.9	-0.6	-1.1%
27.2%	55.4	54.8	-0.5	-1.0%
28.4%	55.3	54.8	-0.5	-0.9%
29.6%	55.3	54.8	-0.4	-0.8%
30.9%	55.3	54.7	-0.6	-1.1%
32.1%	55.1	54.5	-0.6	-1.0%
33.3%	54.9	54.4	-0.5	-0.8%
34.6%	54.9	54.4	-0.5	-0.9%
35.8%	54.8	54.4	-0.4	-0.7%
37.0%	54.7	54.3	-0.5	-0.9%
38.3%	54.7	54.2	-0.6	-1.0%
39.5%	54.6	54.1	-0.5	-1.0%
40.7%	54.6	54.0	-0.6	-1.1%
42.0%	54.5	53.9	-0.6	-1.1%
43.2%	54.4	53.8	-0.6	-1.1%
44.4%	54.4	53.8	-0.6	-1.1%
45.7%	54.4	53.8	-0.6	-1.1%
46.9%	54.4	53.8	-0.6	-1.1%
48.1%	54.2	53.7	-0.5	-0.9%
49.4%	54.1	53.7	-0.3	-0.6%
50.6%	54.0	53.7	-0.3	-0.5%
51.9%	53.9	53.6	-0.3	-0.6%
53.1%	53.8	53.4	-0.4	-0.7%
54.3%	53.8	53.4	-0.4	-0.7%
55.6%	53.7	53.3	-0.4	-0.8%
56.8%	53.7	53.3	-0.4	-0.8%
58.0%	53.6	53.2	-0.3	-0.6%
59.3%	53.5	53.2	-0.2	-0.5%
60.5%	53.5	53.1	-0.3	-0.6%
61.7%	53.4	53.0	-0.4	-0.7%
63.0%	53.4	52.9	-0.5	-0.9%
64.2%	53.4	52.9	-0.4	-0.8%
65.4%	53.3	52.9	-0.4	-0.7%
66.7%	53.3	52.9	-0.4	-0.7%
67.9%	53.2	52.8	-0.4	-0.8%
69.1%	53.2	52.6	-0.6	-1.2%
70.4%	53.2	52.5	-0.7	-1.3%
71.6%	53.2	52.5	-0.7	-1.3%
72.8%	53.2	52.5	-0.6	-1.2%
74.1%	53.1	52.5	-0.6	-1.1%
75.3%	53.0	52.5	-0.5	-1.0%
76.5%	53.0	52.4	-0.5	-1.0%
77.8%	53.0	52.4	-0.6	-1.1%
79.0%	52.9	52.4	-0.5	-1.0%
80.2%	52.9	52.3	-0.5	-1.0%
81.5%	52.8	52.3	-0.5	-1.0%
82.7%	52.8	52.3	-0.4	-0.8%
84.0%	52.6	52.3	-0.3	-0.6%
85.2%	52.6	52.2	-0.4	-0.8%
86.4%	52.6	52.1	-0.5	-0.9%
87.7%	52.5	52.1	-0.4	-0.7%
88.9%	52.4	51.7	-0.7	-1.3%
90.1%	52.2	51.7	-0.6	-1.1%
91.4%	52.2	51.6	-0.6	-1.1%
92.6%	51.7	51.5	-0.2	-0.4%
93.8%	51.5	51.4	-0.1	-0.2%
95.1%	51.5	51.3	-0.2	-0.5%
96.3%	51.2	51.2	0.1	0.1%
97.5%	51.1	50.8	-0.3	-0.7%
98.8%	50.5	50.7	0.2	0.4%
100.0%	50.5	50.3	-0.2	-0.4%

Table SQ-03-5a
Sacramento River at Balls Ferry, Monthly Temperature
Long-term Average and Average by Water Year Type

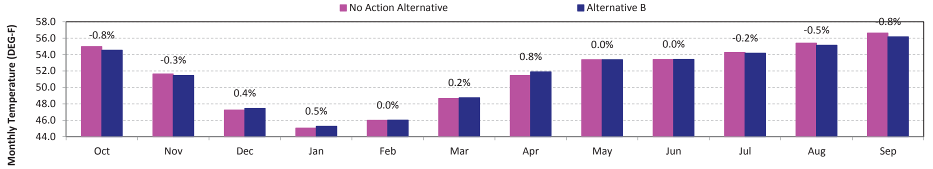
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	55.0	51.6	47.2	45.0	46.0	48.7	51.5	53.4	53.4	54.3	55.4	56.6
Alternative B	54.5	51.5	47.4	45.3	46.0	48.7	51.9	53.4	53.4	54.2	55.1	56.2
Difference	-0.4	-0.2	0.2	0.2	0.0	0.1	0.4	0.0	0.0	-0.1	-0.3	-0.5
Percent Difference[3]	-0.8%	-0.3%	0.4%	0.5%	0.0%	0.2%	0.8%	0.0%	0.0%	-0.2%	-0.5%	-0.8%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	54.4	52.0	47.3	44.9	45.6	47.7	50.7	53.1	53.2	54.1	54.6	54.6
Alternative B	54.3	51.9	47.7	45.0	45.6	47.8	50.8	52.8	53.0	54.1	54.7	54.5
Difference	-0.1	-0.1	0.3	0.1	0.0	0.1	0.1	-0.3	-0.2	0.1	0.1	-0.1
Percent Difference	-0.2%	-0.2%	0.7%	0.3%	0.0%	0.1%	0.2%	-0.5%	-0.3%	0.1%	0.1%	-0.1%
Above Normal (15%)												
No Action Alternative	53.8	51.3	47.7	45.3	46.0	48.9	51.9	53.7	52.5	53.1	54.8	55.4
Alternative B	53.5	51.3	48.0	45.5	46.0	48.9	52.2	53.4	52.6	53.1	54.8	55.4
Difference	-0.2	0.0	0.4	0.2	0.0	0.1	0.3	-0.3	0.1	0.0	0.0	-0.1
Percent Difference	-0.4%	0.0%	0.8%	0.4%	0.0%	0.1%	0.7%	-0.6%	0.2%	-0.1%	-0.1%	-0.1%
Below Normal (17%)												
No Action Alternative	53.5	51.0	47.5	45.0	45.7	48.6	51.9	53.4	53.0	53.5	54.3	56.0
Alternative B	53.2	50.9	47.7	45.2	45.7	48.6	52.4	53.5	53.0	53.5	54.2	55.5
Difference	-0.3	-0.1	0.1	0.2	0.0	0.0	0.5	0.1	0.0	0.0	-0.1	-0.5
Percent Difference	-0.6%	-0.2%	0.3%	0.4%	0.0%	0.1%	1.0%	0.2%	0.0%	0.0%	-0.2%	-0.9%
Dry (22%)												
No Action Alternative	55.3	51.8	47.2	45.1	46.2	49.3	51.8	53.0	53.5	53.8	55.3	57.4
Alternative B	54.5	51.4	47.2	45.5	46.2	49.4	52.5	53.3	53.7	53.8	54.9	56.7
Difference	-0.7	-0.4	0.0	0.4	0.0	0.1	0.7	0.3	0.2	0.0	-0.4	-0.8
Percent Difference	-1.3%	-0.7%	0.0%	0.9%	0.0%	0.3%	1.3%	0.5%	0.4%	-0.1%	-0.7%	-1.3%
Critical (15%)												
No Action Alternative	58.8	51.6	46.4	45.1	46.8	49.6	51.7	54.1	55.2	57.3	59.1	61.7
Alternative B	57.6	51.3	46.5	45.3	46.8	49.7	52.4	54.6	55.3	56.7	58.0	60.5
Difference	-1.2	-0.4	0.1	0.2	0.1	0.1	0.8	0.5	0.0	-0.6	-1.1	-1.2
Percent Difference	-2.0%	-0.7%	0.3%	0.5%	0.2%	0.3%	1.5%	0.9%	0.1%	-1.1%	-1.9%	-1.9%

1 Based on the 82-year simulation period

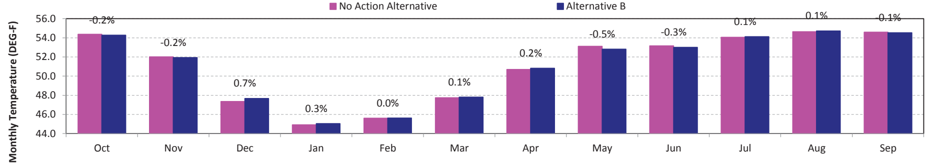
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

3 Relative difference of the monthly average

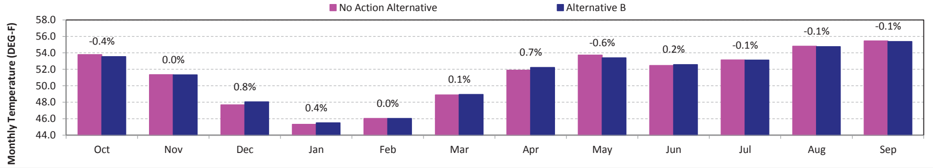
Sacramento River at Balls Ferry, Monthly Temperature
Full Simulation Period



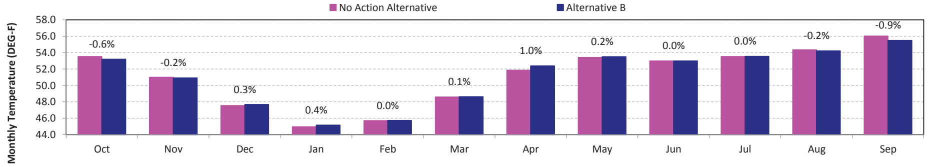
Sacramento River at Balls Ferry, Monthly Temperature
Wet Water Year Types (32%)



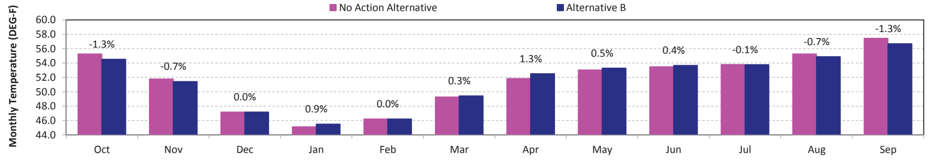
Sacramento River at Balls Ferry, Monthly Temperature
Above Normal Water Year Types (15%)



Sacramento River at Balls Ferry, Monthly Temperature
Below Normal Water Year Types (17%)



Sacramento River at Balls Ferry, Monthly Temperature
Dry Water Year Types (22%)



Sacramento River at Balls Ferry, Monthly Temperature
Critical Water Year Types (15%)

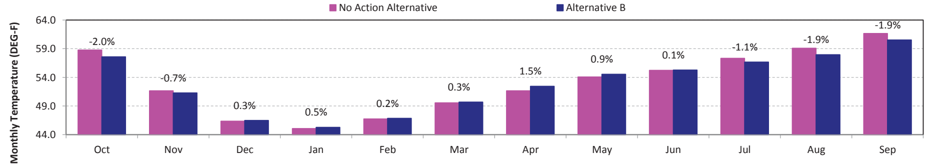


Figure SQ-03-5b
Sacramento River at Balls Ferry, Monthly Temperature
Probability of Exceedance

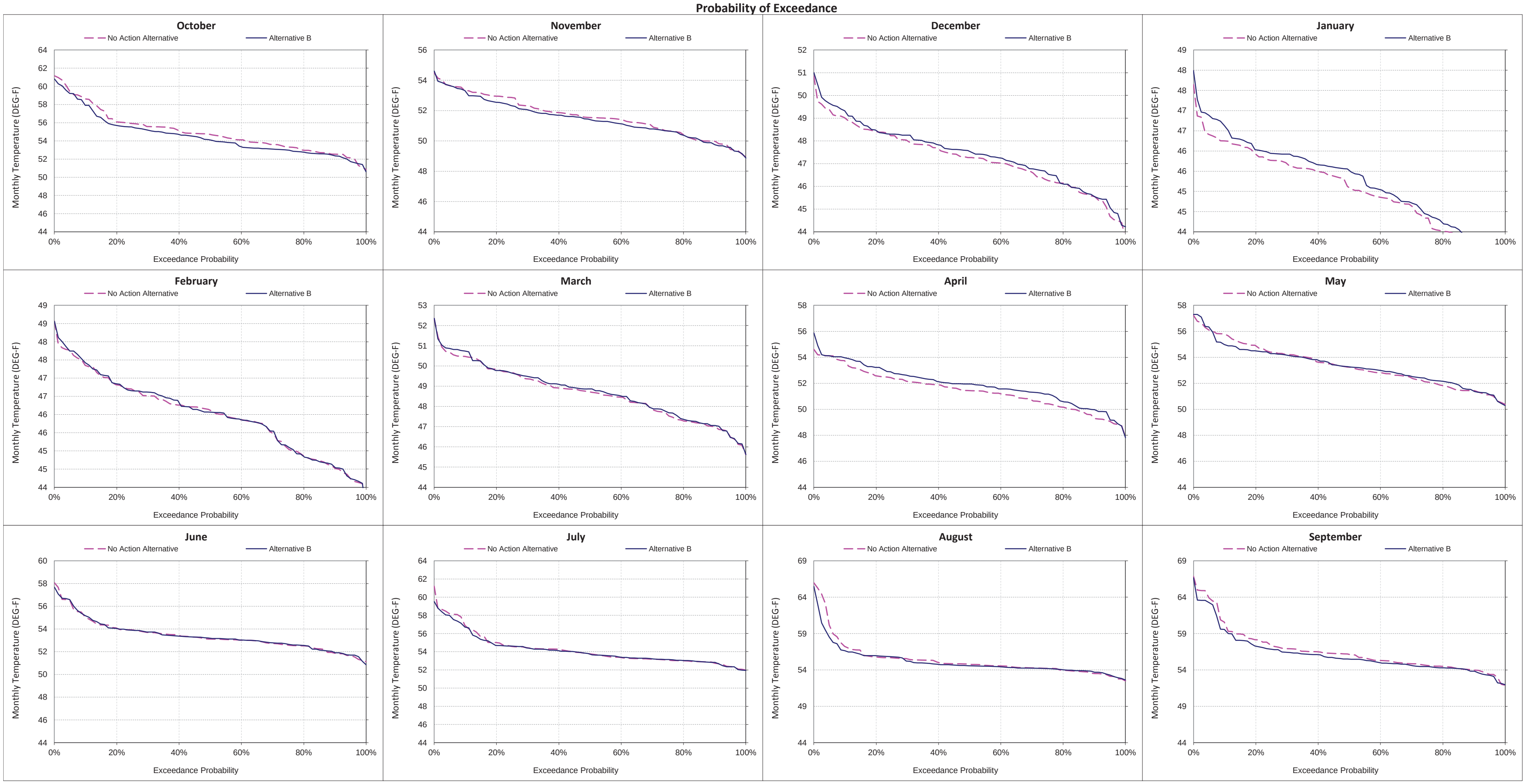


Table SQ-03-5b

Sacramento River at Balls Ferry, Monthly Temperature

Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative B Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	61.2	60.8	-0.3	-0.5%
1.2%	61.0	60.3	-0.7	-1.1%
2.5%	60.7	60.1	-0.6	-1.1%
3.7%	60.1	59.6	-0.5	-0.9%
4.9%	59.5	59.2	-0.2	-0.4%
6.2%	59.1	59.2	0.1	0.2%
7.4%	59.1	58.6	-0.5	-0.8%
8.6%	58.9	58.5	-0.3	-0.6%
9.9%	58.6	57.9	-0.7	-1.2%
11.1%	58.6	57.9	-0.7	-1.1%
12.3%	58.1	57.3	-0.8	-1.4%
13.6%	57.9	56.7	-1.1	-2.0%
14.8%	57.5	56.6	-0.9	-1.5%
16.0%	57.3	56.2	-1.0	-1.8%
17.3%	56.5	55.9	-0.5	-0.9%
18.5%	56.4	55.8	-0.7	-1.2%
19.8%	56.1	55.7	-0.4	-0.7%
21.0%	56.1	55.6	-0.4	-0.8%
22.2%	56.0	55.6	-0.4	-0.7%
23.5%	56.0	55.6	-0.4	-0.7%
24.7%	55.9	55.5	-0.4	-0.7%
25.9%	55.9	55.4	-0.5	-0.8%
27.2%	55.8	55.4	-0.4	-0.8%
28.4%	55.8	55.3	-0.6	-1.0%
29.6%	55.6	55.2	-0.3	-0.6%
30.9%	55.6	55.1	-0.5	-0.8%
32.1%	55.6	55.0	-0.5	-1.0%
33.3%	55.6	55.0	-0.5	-1.0%
34.6%	55.5	55.0	-0.6	-1.0%
35.8%	55.5	54.9	-0.7	-1.2%
37.0%	55.4	54.8	-0.6	-1.1%
38.3%	55.4	54.8	-0.6	-1.1%
39.5%	55.2	54.7	-0.5	-0.8%
40.7%	55.0	54.6	-0.3	-0.6%
42.0%	54.9	54.6	-0.2	-0.4%
43.2%	54.8	54.6	-0.3	-0.5%
44.4%	54.8	54.5	-0.3	-0.6%
45.7%	54.8	54.4	-0.4	-0.7%
46.9%	54.8	54.3	-0.5	-0.8%
48.1%	54.8	54.2	-0.6	-1.1%
49.4%	54.8	54.2	-0.6	-1.1%
50.6%	54.7	54.0	-0.6	-1.1%
51.9%	54.6	53.9	-0.7	-1.2%
53.1%	54.5	53.9	-0.6	-1.2%
54.3%	54.4	53.9	-0.6	-1.1%
55.6%	54.3	53.8	-0.5	-0.9%
56.8%	54.3	53.8	-0.4	-0.8%
58.0%	54.1	53.8	-0.4	-0.7%
59.3%	54.1	53.4	-0.7	-1.3%
60.5%	54.1	53.3	-0.8	-1.5%
61.7%	53.9	53.3	-0.7	-1.2%
63.0%	53.9	53.2	-0.7	-1.2%
64.2%	53.8	53.2	-0.6	-1.2%
65.4%	53.8	53.2	-0.6	-1.1%
66.7%	53.8	53.2	-0.7	-1.2%
67.9%	53.7	53.2	-0.6	-1.1%
69.1%	53.6	53.1	-0.5	-1.0%
70.4%	53.6	53.1	-0.5	-1.0%
71.6%	53.6	53.1	-0.5	-1.0%
72.8%	53.5	53.0	-0.4	-0.8%
74.1%	53.4	53.0	-0.3	-0.6%
75.3%	53.3	53.0	-0.3	-0.7%
76.5%	53.3	52.9	-0.4	-0.8%
77.8%	53.2	52.8	-0.4	-0.8%
79.0%	53.0	52.8	-0.2	-0.4%
80.2%	53.0	52.7	-0.2	-0.4%
81.5%	53.0	52.7	-0.3	-0.6%
82.7%	52.9	52.6	-0.2	-0.5%
84.0%	52.8	52.6	-0.2	-0.4%
85.2%	52.7	52.6	-0.1	-0.3%
86.4%	52.7	52.6	-0.1	-0.3%
87.7%	52.7	52.5	-0.1	-0.2%
88.9%	52.5	52.5	-0.1	-0.2%
90.1%	52.5	52.4	-0.2	-0.3%
91.4%	52.5	52.3	-0.2	-0.4%
92.6%	52.5	52.1	-0.4	-0.7%
93.8%	52.2	52.0	-0.2	-0.3%
95.1%	52.1	51.7	-0.4	-0.8%
96.3%	52.0	51.6	-0.4	-0.8%
97.5%	51.3	51.5	0.2	0.4%
98.8%	51.1	51.4	0.3	0.7%
100.0%	50.8	50.6	0.0	-0.5%

November

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative B Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	54.5	54.6	0.1	0.2%
1.2%	54.1	53.9	-0.2	-0.4%
2.5%	54.0	53.9	-0.2	-0.3%
3.7%	53.7	53.7	0.0	0.0%
4.9%	53.7	53.7	0.0	0.0%
6.2%	53.6	53.6	0.0	0.0%
7.4%	53.6	53.5	-0.1	-0.2%
8.6%	53.5	53.4	-0.1	-0.2%
9.9%	53.3	53.3	0.0	0.0%
11.1%	53.3	53.0	-0.3	-0.6%
12.3%	53.2	53.0	-0.2	-0.4%
13.6%	53.2	53.0	-0.2	-0.4%
14.8%	53.2	52.9	-0.2	-0.4%
16.0%	53.1	52.7	-0.3	-0.6%
17.3%	53.0	52.7	-0.4	-0.7%
18.5%	53.0	52.6	-0.4	-0.7%
19.8%	53.0	52.6	-0.4	-0.8%
21.0%	52.9	52.5	-0.4	-0.8%
22.2%	52.9	52.5	-0.4	-0.8%
23.5%	52.9	52.4	-0.4	-0.8%
24.7%	52.9	52.3	-0.5	-1.0%
25.9%	52.8	52.3	-0.6	-1.1%
27.2%	52.4	52.1	-0.2	-0.5%
28.4%	52.3	52.1	-0.3	-0.5%
29.6%	52.3	52.1	-0.2	-0.5%
30.9%	52.3	52.0	-0.3	-0.5%
32.1%	52.2	51.9	-0.2	-0.5%
33.3%	52.1	51.9	-0.3	-0.5%
34.6%	52.0	51.8	-0.2	-0.4%
35.8%	52.0	51.8	-0.2	-0.3%
37.0%	51.9	51.8	-0.2	-0.3%
38.3%	51.9	51.7	-0.2	-0.3%
39.5%	51.9	51.7	-0.2	-0.3%
40.7%	51.9	51.7	-0.2	-0.3%
42.0%	51.8	51.6	-0.2	-0.4%
43.2%	51.8	51.6	-0.2	-0.3%
44.4%	51.7	51.6	-0.1	-0.3%
45.7%	51.7	51.6	-0.2	-0.3%
46.9%	51.6	51.6	-0.1	-0.1%
48.1%	51.6	51.5	-0.1	-0.2%
49.4%	51.5	51.4	-0.1	-0.2%
50.6%	51.5	51.4	-0.2	-0.3%
51.9%	51.5	51.3	-0.2	-0.4%
53.1%	51.5	51.3	-0.2	-0.4%
54.3%	51.5	51.3	-0.2	-0.4%
55.6%	51.5	51.3	-0.2	-0.4%
56.8%	51.5	51.2	-0.3	-0.5%
58.0%	51.5	51.2	-0.3	-0.5%
59.3%	51.4	51.1	-0.3	-0.6%
60.5%	51.4	51.1	-0.3	-0.5%
61.7%	51.3	51.0	-0.3	-0.5%
63.0%	51.2	51.0	-0.3	-0.5%
64.2%	51.2	50.9	-0.3	-0.6%
65.4%	51.2	50.9	-0.3	-0.6%
66.7%	51.2	50.9	-0.3	-0.6%
67.9%	51.1	50.9	-0.3	-0.5%
69.1%	51.1	50.8	-0.3	-0.6%
70.4%	50.9	50.8	-0.1	-0.2%
71.6%	50.8	50.8	-0.1	-0.2%
72.8%	50.8	50.7	-0.1	-0.1%
74.1%	50.7	50.7	0.0	0.0%
75.3%	50.6	50.7	0.0	0.0%
76.5%	50.6	50.6	0.0	0.0%
77.8%	50.6	50.6	0.0	0.0%
79.0%	50.6	50.4	-0.1	-0.2%
80.2%	50.4	50.4	0.0	0.0%
81.5%	50.2	50.2	0.0	0.0%
82.7%	50.2	50.2	0.1	0.1%
84.0%	50.1	50.2	0.1	0.2%
85.2%	50.1	50.1	0.0	0.0%
86.4%	50.0	49.9	-0.1	-0.2%
87.7%	50.0	49.9	-0.1	-0.2%
88.9%	50.0	49.9	-0.1	-0.2%
90.1%	50.0	49.7	-0.2	-0.5%
91.4%	49.8	49.7	-0.1	-0.3%
92.6%	49.8	49.7	-0.1	-0.2%
93.8%	49.7	49.6	-0.1	-0.3%
95.1%	49.4	49.6	0.1	0.3%
96.3%	49.4	49.3	-0.1	-0.2%
97.5%	49.3	49.3	-0.1	-0.1%
98.8%	49.1	49.2	0.0	0.1%
100.0%	48.9	48.9	-0.1	-0.1%

December

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative B Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	50.9	51.0	0.1	0.3%
1.2%	49.7	50.5	0.7	1.5%
2.5%	49.6	49.9	0.3	0.6%
3.7%	49.4	49.8	0.3	0.7%
4.9%	49.4	49.7	0.3	0.5%
6.2%	49.1	49.6	0.4	0.9%
7.4%	49.1	49.5	0.4	0.9%
8.6%	49.1	49.4	0.3	0.6%
9.9%	49.0	49.3	0.3	0.6%
11.1%	48.9	49.1	0.2	0.5%
12.3%	48.8	49.1	0.3	0.6%
13.6%	48.7	48.9	0.2	0.3%
14.8%	48.6	48.9	0.3	0.6%
16.0%	48.5	48.7	0.2	0.3%
17.3%	48.5	48.7	0.2	0.3%
18.5%	48.5	48.5	0.0	0.1%
19.8%	48.4	48.5	0.1	0.2%
21.0%	48.4	48.4	0.0	0.0%
22.2%	48.4	48.3	0.0	-0.1%
23.5%	48.4	48.3	0.0	-0.1%
24.7%	48.2	48.3	0.1	0.1%
25.9%	48.2	48.3	0.1	0.1%
27.2%	48.1	48.3	0.2	0.5%
28.4%	48.1	48.3	0.2	0.4%
29.6%	48.0	48.2	0.2	0.4%
30.9%	47.9	48.2	0.3	0.7%
32.1%	47.9	48.0	0.2	0.4%
33.3%	47.8	48.0	0.2	0.4%
34.6%	47.8	48.0	0.2	0.4%
35.8%	47.8	48.0	0.1	0.3%
37.0%	47.8	47.9	0.1	0.2%
38.3%	47.7	47.9	0.2	0.4%
39.5%	47.7	47.8	0.1	0.3%
40.7%	47.6	47.8	0.2	0.5%
42.0%	47.5	47.7	0.2	0.3%
43.2%	47.5	47.7	0.2	0.4%
44.4%	47.4	47.6	0.2	0.4%
45.7%	47.4	47.6	0.2	0.4%
46.9%	47.3	47.6	0.3	0.6%
48.1%	47.3	47.6	0.3	0.6%
49.4%	47.3	47.6	0.3	0.7%
50.6%	47.3	47.5	0.2	0.5%
51.9%	47.2	47.4	0.2	0.4%
53.1%	47.2	47.4	0.2	0.4%
54.3%	47.2	47.4	0.2	0.4%
55.6%	47.1	47.4	0.3	0.5%
56.8%	47.1	47.3	0.3	0.5%
58.0%	47.0	47.3	0.2	0.5%
59.3%	47.0	47.3	0.2	0.5%
60.5%	47.0	47.2	0.2	0.5%
61.7%	47.0	47.1	0.2	0.3%
63.0%	46.9	47.1	0.2	0.4%
64.2%	46.9	47.1	0.2	0.4%
65.4%	46.8	47.0	0.2	0.3%
66.7%	46.8	46.9	0.2	0.4%
67.9%	46.7	46.9	0.2	0.4%
69.1%	46.7	46.8	0.1	0.2%
70.4%	46.6	46.8	0.2	0.4%
71.6%	46.4	46.7	0.3	0.7%
72.8%	46.4	46.7	0.3	0.6%
74.1%	46.3	46.7	0.4	0.8%
75.3%	46.2	46.5	0.3	0.6%
76.5%	46.2	46.5	0.3	0.6%
77.8%	46.2	46.5	0.3	0.7%
79.0%	46.1	46.1	0.0	0.0%
80.2%	46.1	46.1	0.0	-0.1%
81.5%	46.1	46.1	0.0	0.1%
82.7%	46.0	46.0	0.0	0.0%
84.0%	45.9	45.9	0.0	0.0%
85.2%	45.7	45.9	0.2	0.4%
86.4%	45.7	45.8	0.1	0.2%
87.7%	45.6	45.7	0.0	0.1%
88.9%	45.6	45.6	0.1	0.1%
90.1%	45.6	45.5	0.0	0.0%
91.4%	45.4	45.5	0.1	0.2%
92.6%	45.4	45.4	0.1	0.1%
93.8%	45.1	45.4	0.3	0.7%
95.1%	44.7	45.1	0.4	0.9%
96.3%	44.5	44.9	0.3	0.7%
97.5%	44.5	44.8	0.3	0.7%
98.8%	44.4	44.3	-0.1	-0.2%
100.0%	43.7	44.2	0.5	1.2%

January

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative B Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	47.6	48.0	0.3	0.7%
1.2%	46.9	47.3	0.4	0.9%
2.5%	46.8	47.0	0.1	0.3%
3.7%	46.5	46.9	0.5	1.0%
4.9%	46.4	46.9	0.5	1.0%
6.2%	46.4	46.8	0.4	0.9%
7.4%	46.3	46.8	0.5	1.0%
8.6%	46.3	46.7	0.5	1.1%
9.9%	46.2	46.6	0.4	0.8%
11.1%	46.2	46.5	0.3	0.6%
12.3%	46.2	46.3	0.1	0.3%
13.6%	46.2	46.3	0.2	0.3%
14.8%	46.1	46.3	0.1	0.3%
16.0%	46.1	46.3	0.2	0.4%
17.3%	46.1	46.2	0.1	0.3%
18.5%	46.0	46.2	0.1	0.3%
19.8%	45.9	46.0	0.1	0.2%
21.0%	45.9	46.0	0.2	0.4%
22.2%	45.9	46.0	0.1	0.3%
23.5%	45.8	46.0	0.2	0.4%
24.7%	45.8	45.9	0.2	0.4%
25.9%	45.8	45.9	0.2	0.4%
27.2%	45.8	45.9	0.2	0.4%
28.4%	45.7	45.9	0.2	0.4%
29.6%	45.7	45.9	0.2	0.5%
30.9%	45.6	45.9	0.3	0.6%
32.1%	45.6	45.9	0.3	0.6%
33.3%	45.6	45.9	0.3	0.6%
34.6%	45.6	45.8	0.3	0.6%
35.8%	45.6	45.8	0.2	0.5%
37.0%	45.6	45.7	0.2	0.4%
38.3%	45.5	45.7	0.2	0.4%
39.5%	45.5	45.7	0.2	0.4%
40.7%	45.5	45.7	0.2	0.4%
42.0%	45.5	45.6	0.2	0.4%
43.2%	45.4	45.6	0.2	0.5%
44.4%	45.4	45.6	0.2	0.5%
45.7%	45.4	45.6	0.2	0.5%
46.9%	45.3	45.6	0.2	0.5%
48.1%	45.3	45.6	0.2	0.5%
49.4%	45.1	45.6	0.4	1.0%
50.6%	45.1	45.5	0.4	0.9%
51.9%	45.0	45.4	0.4	0.9%
53.1%	45.0	45.4	0.4	0.9%
54.3%	45.0	45.4	0.4	0.9%
55.6%	45.0	45.1	0.2	0.4%
56.8%	44.9	45.1	0.2	0.4%
58.0%	44.9	45.1	0.2	0.4%
59.3%	44.9	45.1	0.2	0.4%
60.5%	44.8	45.0	0.2	0.4%
61.7%	44.8	45.0	0.1	0.3%
63.0%	44.8	45.0	0.1	0.3%
64.2%	44.7	44.9	0.2	0.4%
65.4%	44.7	44.8	0.1	0.3%
66.7%	44.7	44.8	0.0	0.1%
67.9%	44.7	44.7	0.1	0.1%
69.1%	44.7	44.7	0.1	0.1%
70.4%	44.6	44.7	0.1	0.2%
71.6%	44.5	44.7	0.2	0.5%
72.8%	44.4	44.6	0.1	0.3%
74.1%	44.3	44.5	0.1	0.3%
75.3%	44.3	44.4	0.1	0.2%
76.5%	44.1	44.4	0.3	0.6%
77.8%	44.0	44.3	0.3	0.7%
79.0%	44.0	44.3	0.3	0.6%
80.2%	44.0	44.2	0.2	0.4%
81.5%	44.0	44.2	0.2	0.4%
82.7%	44.0	44.1	0.1	0.3%
84.0%	43.9	44.1	0.2	0.4%
85.2%	43.8	44.1	0.3	0.6%
86.4%	43.7	44.0	0.2	0.5%
87.7%	43.7	43.8	0.1	0.3%
88.9%	43.7	43.8	0.1	0.3%
90.1%	43.7	43.8	0.1	0.3%
91.4%	43.7	43.8	0.1	0.3%
92.6%	43.6	43.8	0.1	0.3%
93.8%	43.3	43.7	0.4	0.8%
95.1%	43.3	43.6	0.3	0.6%
96.3%	42.9	43.6	0.6	1.5%
97.5%	42.9	43.0	0.1	0.2%
98.8%	42.9	43.0	0.1	0.2%
100.0%	42.5	42.5	0.0	0.0%

Table SQ-03-5b

Sacramento River at Balls Ferry, Monthly Temperature

Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	48.6	48.6	0.0	0.0%
1.2%	47.9	48.1	0.2	0.4%
2.5%	47.8	48.0	0.2	0.3%
3.7%	47.8	47.9	0.1	0.2%
4.9%	47.8	47.7	0.0	0.0%
6.2%	47.6	47.7	0.1	0.3%
7.4%	47.5	47.7	0.1	0.2%
8.6%	47.5	47.5	0.0	0.0%
9.9%	47.4	47.4	0.1	0.2%
11.1%	47.3	47.4	0.0	0.1%
12.3%	47.3	47.3	-0.1	-0.1%
13.6%	47.2	47.2	0.1	0.1%
14.8%	47.1	47.1	0.0	0.1%
16.0%	47.0	47.1	0.1	0.1%
17.3%	47.0	47.1	0.0	0.1%
18.5%	46.9	46.9	0.0	0.0%
19.8%	46.8	46.8	0.0	0.0%
21.0%	46.8	46.8	0.0	0.1%
22.2%	46.7	46.7	0.0	0.0%
23.5%	46.7	46.7	0.0	-0.1%
24.7%	46.7	46.7	-0.1	-0.1%
25.9%	46.6	46.6	0.0	0.0%
27.2%	46.6	46.6	0.0	0.1%
28.4%	46.5	46.6	0.1	0.2%
29.6%	46.5	46.6	0.1	0.2%
30.9%	46.5	46.6	0.1	0.2%
32.1%	46.5	46.6	0.1	0.2%
33.3%	46.4	46.5	0.1	0.3%
34.6%	46.4	46.5	0.1	0.2%
35.8%	46.4	46.5	0.1	0.2%
37.0%	46.3	46.4	0.2	0.3%
38.3%	46.3	46.4	0.1	0.2%
39.5%	46.3	46.4	0.1	0.3%
40.7%	46.3	46.2	0.0	-0.1%
42.0%	46.2	46.2	0.0	0.0%
43.2%	46.2	46.2	0.0	0.0%
44.4%	46.2	46.1	-0.1	-0.1%
45.7%	46.2	46.1	-0.1	-0.1%
46.9%	46.2	46.1	-0.1	-0.2%
48.1%	46.2	46.1	-0.1	-0.2%
49.4%	46.1	46.1	-0.1	-0.2%
50.6%	46.1	46.1	0.0	-0.1%
51.9%	46.0	46.1	0.0	0.1%
53.1%	46.0	46.1	0.0	0.1%
54.3%	46.0	46.0	0.0	0.1%
55.6%	45.9	45.9	0.0	0.0%
56.8%	45.9	45.9	0.0	0.0%
58.0%	45.9	45.9	0.0	0.0%
59.3%	45.9	45.9	0.0	0.1%
60.5%	45.9	45.8	0.0	0.0%
61.7%	45.8	45.8	0.0	0.0%
63.0%	45.8	45.8	0.0	0.0%
64.2%	45.8	45.8	0.0	0.0%
65.4%	45.8	45.8	0.0	0.0%
66.7%	45.8	45.7	0.0	0.0%
67.9%	45.7	45.7	0.0	0.0%
69.1%	45.5	45.5	0.0	0.0%
70.4%	45.5	45.5	0.1	0.2%
71.6%	45.3	45.3	0.0	0.0%
72.8%	45.3	45.2	-0.1	-0.2%
74.1%	45.1	45.2	0.0	0.1%
75.3%	45.0	45.1	0.1	0.1%
76.5%	45.0	45.0	0.0	0.1%
77.8%	45.0	44.9	-0.1	-0.1%
79.0%	44.9	44.9	0.0	0.0%
80.2%	44.8	44.8	0.0	0.0%
81.5%	44.8	44.8	0.0	0.0%
82.7%	44.8	44.8	0.0	0.0%
84.0%	44.8	44.7	0.0	0.0%
85.2%	44.7	44.7	0.0	-0.1%
86.4%	44.7	44.7	0.0	0.0%
87.7%	44.6	44.7	0.0	0.1%
88.9%	44.6	44.6	0.0	0.1%
90.1%	44.5	44.5	0.0	0.1%
91.4%	44.5	44.5	0.0	0.1%
92.6%	44.4	44.5	0.1	0.2%
93.8%	44.4	44.3	0.0	-0.1%
95.1%	44.2	44.2	0.0	0.0%
96.3%	44.2	44.2	0.0	0.1%
97.5%	44.1	44.2	0.0	0.1%
98.8%	44.1	44.1	0.0	0.0%
100.0%	43.4	43.4	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	52.3	52.4	0.0	0.0%
1.2%	51.4	51.3	-0.1	-0.2%
2.5%	50.9	51.0	0.1	0.2%
3.7%	50.7	50.9	0.2	0.3%
4.9%	50.7	50.9	0.2	0.4%
6.2%	50.6	50.8	0.3	0.5%
7.4%	50.5	50.8	0.3	0.6%
8.6%	50.5	50.8	0.3	0.6%
9.9%	50.5	50.7	0.3	0.5%
11.1%	50.4	50.7	0.3	0.5%
12.3%	50.4	50.3	-0.2	-0.3%
13.6%	50.4	50.3	-0.1	-0.2%
14.8%	50.2	50.3	0.0	0.0%
16.0%	50.0	50.1	0.0	0.0%
17.3%	49.9	49.9	0.0	0.1%
18.5%	49.9	49.9	0.0	0.0%
19.8%	49.8	49.8	-0.1	-0.1%
21.0%	49.8	49.8	0.0	0.0%
22.2%	49.7	49.8	0.0	0.1%
23.5%	49.7	49.7	0.0	0.0%
24.7%	49.7	49.7	0.0	-0.1%
25.9%	49.6	49.6	0.0	0.0%
27.2%	49.5	49.6	0.0	0.1%
28.4%	49.4	49.5	0.1	0.3%
29.6%	49.4	49.5	0.1	0.3%
30.9%	49.4	49.5	0.1	0.2%
32.1%	49.3	49.4	0.1	0.3%
33.3%	49.3	49.4	0.2	0.3%
34.6%	49.2	49.3	0.1	0.3%
35.8%	49.1	49.2	0.1	0.2%
37.0%	49.1	49.1	0.1	0.1%
38.3%	48.9	49.1	0.2	0.4%
39.5%	48.9	49.1	0.2	0.4%
40.7%	48.9	49.1	0.2	0.3%
42.0%	48.9	49.1	0.2	0.4%
43.2%	48.9	49.0	0.1	0.2%
44.4%	48.9	48.9	0.1	0.2%
45.7%	48.8	48.9	0.1	0.1%
46.9%	48.8	48.9	0.1	0.2%
48.1%	48.8	48.9	0.1	0.2%
49.4%	48.7	48.9	0.1	0.3%
50.6%	48.7	48.9	0.2	0.3%
51.9%	48.7	48.8	0.1	0.2%
53.1%	48.6	48.8	0.1	0.3%
54.3%	48.6	48.7	0.2	0.3%
55.6%	48.5	48.6	0.1	0.2%
56.8%	48.5	48.6	0.1	0.2%
58.0%	48.5	48.6	0.1	0.2%
59.3%	48.5	48.5	0.1	0.2%
60.5%	48.5	48.5	0.0	0.1%
61.7%	48.3	48.5	0.2	0.3%
63.0%	48.2	48.3	0.1	0.1%
64.2%	48.2	48.2	0.1	0.1%
65.4%	48.2	48.2	0.0	0.0%
66.7%	48.2	48.2	0.0	0.0%
67.9%	48.1	48.1	0.0	0.0%
69.1%	48.0	48.0	0.0	0.0%
70.4%	47.8	47.9	0.1	0.1%
71.6%	47.8	47.9	0.1	0.2%
72.8%	47.7	47.9	0.1	0.3%
74.1%	47.7	47.8	0.1	0.1%
75.3%	47.5	47.7	0.2	0.3%
76.5%	47.5	47.7	0.2	0.4%
77.8%	47.4	47.6	0.2	0.4%
79.0%	47.3	47.4	0.1	0.2%
80.2%	47.3	47.4	0.1	0.2%
81.5%	47.3	47.3	0.0	0.1%
82.7%	47.2	47.3	0.0	0.1%
84.0%	47.2	47.3	0.1	0.2%
85.2%	47.2	47.2	0.0	0.0%
86.4%	47.1	47.1	0.0	0.0%
87.7%	47.0	47.1	0.1	0.2%
88.9%	47.0	47.1	0.0	0.1%
90.1%	47.0	47.1	0.1	0.1%
91.4%	46.9	47.0	0.2	0.4%
92.6%	46.8	46.8	0.0	-0.1%
93.8%	46.8	46.8	0.0	0.0%
95.1%	46.5	46.5	0.0	0.0%
96.3%	46.4	46.4	0.0	0.1%
97.5%	46.1	46.2	0.0	0.1%
98.8%	46.1	46.1	0.1	0.1%
100.0%	45.6	45.6	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.6	55.9	1.3	2.3%
1.2%	54.2	54.9	0.7	1.3%
2.5%	54.2	54.2	0.0	0.1%
3.7%	54.1	54.1	0.0	0.0%
4.9%	54.1	54.1	0.0	0.0%
6.2%	54.1	54.1	-0.1	-0.1%
7.4%	53.8	54.0	0.2	0.4%
8.6%	53.8	54.0	0.3	0.5%
9.9%	53.7	54.0	0.2	0.4%
11.1%	53.3	53.9	0.6	1.1%
12.3%	53.2	53.8	0.6	1.2%
13.6%	53.2	53.7	0.5	1.0%
14.8%	53.1	53.7	0.6	1.2%
16.0%	52.9	53.4	0.5	1.0%
17.3%	52.8	53.3	0.5	0.9%
18.5%	52.8	53.3	0.5	1.0%
19.8%	52.6	53.2	0.6	1.2%
21.0%	52.5	53.2	0.7	1.3%
22.2%	52.5	53.1	0.6	1.1%
23.5%	52.5	52.9	0.4	0.8%
24.7%	52.4	52.9	0.4	0.9%
25.9%	52.3	52.8	0.4	0.8%
27.2%	52.3	52.7	0.4	0.8%
28.4%	52.3	52.7	0.4	0.7%
29.6%	52.2	52.6	0.5	0.9%
30.9%	52.1	52.5	0.4	0.8%
32.1%	52.1	52.5	0.4	0.8%
33.3%	52.1	52.5	0.4	0.8%
34.6%	52.0	52.4	0.4	0.8%
35.8%	51.9	52.3	0.4	0.8%
37.0%	51.9	52.3	0.4	0.7%
38.3%	51.9	52.3	0.4	0.7%
39.5%	51.9	52.1	0.3	0.5%
40.7%	51.9	52.1	0.2	0.4%
42.0%	51.7	52.1	0.3	0.6%
43.2%	51.7	52.0	0.3	0.6%
44.4%	51.6	52.0	0.3	0.6%
45.7%	51.6	52.0	0.3	0.7%
46.9%	51.5	52.0	0.4	0.9%
48.1%	51.5	52.0	0.5	1.0%
49.4%	51.4	51.9	0.5	1.0%
50.6%	51.4	51.9	0.5	1.0%
51.9%	51.4	51.9	0.5	0.9%
53.1%	51.4	51.9	0.5	0.9%
54.3%	51.4	51.8	0.4	0.9%
55.6%	51.3	51.7	0.4	0.8%
56.8%	51.3	51.7	0.5	0.9%
58.0%	51.2	51.7	0.5	0.9%
59.3%	51.2	51.6	0.3	0.6%
60.5%	51.2	51.6	0.4	0.8%
61.7%	51.1	51.6	0.4	0.9%
63.0%	51.1	51.6	0.5	0.9%
64.2%	51.1	51.5	0.4	0.9%
65.4%	50.9	51.5	0.6	1.1%
66.7%	50.9	51.4	0.6	1.1%
67.9%	50.8	51.4	0.6	1.1%
69.1%	50.8	51.3	0.5	1.0%
70.4%	50.6	51.3	0.7	1.3%
71.6%	50.6	51.3	0.7	1.3%
72.8%	50.6	51.3	0.7	1.3%
74.1%	50.4	51.2	0.7	1.5%
75.3%	50.4	51.2	0.7	1.5%
76.5%	50.4	51.1	0.7	1.4%
77.8%	50.3	50.9	0.6	1.2%
79.0%	50.2	50.7	0.5	0.9%
80.2%	50.2	50.6	0.4	0.8%
81.5%	50.1	50.6	0.5	1.0%
82.7%	50.0	50.5	0.5	0.9%
84.0%	50.0	50.3	0.3	0.6%
85.2%	49.9	50.1	0.2	0.4%
86.4%	49.8	50.1	0.3	0.5%
87.7%	49.6	50.0	0.4	0.9%
88.9%	49.6	50.0	0.4	0.8%
90.1%	49.3	50.0	0.7	1.4%
91.4%	49.3	49.8	0.6	1.2%
92.6%	49.2	49.8	0.6	1.2%
93.8%	49.2	49.8	0.6	1.3%
95.1%	49.1	49.2	0.1	0.2%
96.3%	48.9	49.1	0.3	0.5%
97.5%	48.8	48.9	0.1	0.1%
98.8%	48.7	48.7	0.0	0.0%
100.0%	47.8	47.8	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	57.2	57.3	0.1	0.1%
1.2%	56.8	57.3	0.5	0.9%
2.5%	56.7	57.1	0.4	0.8%
3.7%	56.3	56.4	0.1	0.1%
4.9%	56.1	56.3	0.2	0.4%
6.2%	56.0	55.9	-0.1	-0.1%
7.4%	55.8	55.2	-0.7	-1.2%
8.6%	55.8	55.2	-0.6	-1.2%
9.9%	55.8	55.0	-0.8	-1.5%
11.1%	55.7	54.9	-0.8	-1.4%
12.3%	55.4	54.9	-0.5	-1.0%
13.6%	55.3	54.8	-0.5	-0.8%
14.8%	55.2	54.6	-0.6	-1.0%
16.0%	55.1	54.6	-0.5	-0.9%
17.3%	55.0	54.6	-0.4	-0.8%
18.5%	54.9	54.5	-0.4	-0.8%
19.8%	54.9	54.5	-0.4	-0.8%
21.0%	54.7	54.5	-0.3	-0.5%
22.2%	54.7	54.4	-0.3	-0.5%
23.5%	54.5	54.4	-0.1	-0.1%
24.7%	54.4	54.3	-0.1	-0.2%
25.9%	54.4	54.3	-0.1	-0.2%
27.2%	54.3	54.3	-0.1	-0.1%
28.4%	54.3	54.2	-0.1	-0.1%
29.6%	54.2	54.2	0.0	-0.1%
30.9%	54.2	54.1	-0.1	-0.1%
32.1%	54.2	54.1	-0.1	-0.2%
33.3%	54.1	54.0	-0.1	-0.1%
34.6%	54.1	54.0	0.0	-0.1%
35.8%	54.0	54.0	-0.1	-0.1%
37.0%	54.0	53.9	-0.1	-0.2%
38.3%	53.9	53.8	-0.1	-0.2%
39.5%	53.7	53.8	0.2	0.3%
40.7%	53.6	53.7	0.1	0.2%
42.0%	53.6	53.7	0.1	0.2%
43.2%	53.5	53.6	0.1	0.2%
44.4%	53.5	53.4	-0.1	-0.1%
45.7%	53.4	53.4	0.0	0.0%
46.9%	53.3	53.3	0.0	0.0%
48.1%	53.3	53.3	0.0	0.0%
49.4%	53.3	53.3	0.0	0.1%
50.6%	53.2	53.3	0.0	0.0%
51.9%	53.1	53.2	0.1	0.2%
53.1%	53.1	53.2	0.1	0.3%
54.3%	53.0	53.2	0.1	0.2%
55.6%	52.9	53.1	0.2	0.3%
56.8%	52.9	53.1	0.2	0.4%
58.0%	52.9	53.1	0.2	0.4%
59.3%	52.8	53.0	0.2	0.4%
60.5%	52.8	53.0	0.2	0.3%
61.7%	52.7	52.9	0.2	0.3%
63.0%	52.7	52.9	0.2	0.3%
64.2%	52.6	52.9	0.2	0.4%
65.4%	52.6	52.8	0.1	0.3%
66.7%	52.6	52.7	0.1	0.3%
67.9%	52.6	52.6	0.1	0.1%
69.1%	52.5	52.6	0.1	0.2%
70.4%	52.4	52.5	0.1	0.3%
71.6%	52.3	52.5	0.2	0.3%
72.8%	52.3	52.4	0.2	0.3%
74.1%	52.1	52.4	0.3	0.5%
75.3%	52.1	52.3	0.2	0.4%
76.5%	52.1	52.2	0.2	0.4%
77.8%	52.0	52.2	0.2	0.4%
79.0%	51.9	52.2	0.3	0.6%
80.2%	51.8	52.1	0.3	0.6%
81.5%	51.8	52.1	0.3	0.7%
82.7%	51.6	52.1	0.4	0.8%
84.0%	51.5	52.0	0.5	0.9%
85.2%	51.5	51.9	0.4	0.8%
86.4%	51.4	51.6	0.2	0.3%
87.7%	51.4	51.6	0.1	0.2%
88.9%	51.4	51.5	0.1	0.2%
90.1%	51.4	51.4	-0.1	-0.1%
91.4%	51.3	51.3	0.0	0.0%
92.6%	51.2	51.3	0.1	0.1%
93.8%	51.1	51.3	0.2	0.3%
95.1%	51.1	51.1	0.0	0.0%
96.3%	51.0	51.1	0.1	0.2%
97.5%	50.6	50.6	0.0	-0.1%
98.8%	50.5	50.4	-0.1	-0.1%
100.0%	50.4	50.3	-0.1	-0.2%

Table SQ-03-5b

Sacramento River at Balls Ferry, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	58.1	57.7	-0.4	-0.7%
1.2%	57.7	57.1	-0.6	-1.0%
2.5%	56.6	56.7	0.1	0.2%
3.7%	56.6	56.7	0.1	0.2%
4.9%	56.5	56.6	0.0	0.1%
6.2%	55.7	56.0	0.3	0.5%
7.4%	55.5	55.6	0.1	0.2%
8.6%	55.5	55.4	-0.1	-0.2%
9.9%	55.0	55.2	0.1	0.2%
11.1%	54.9	55.0	0.2	0.3%
12.3%	54.7	54.8	0.1	0.2%
13.6%	54.4	54.7	0.2	0.4%
14.8%	54.4	54.4	0.1	0.1%
16.0%	54.4	54.4	0.0	0.1%
17.3%	54.3	54.1	-0.2	-0.4%
18.5%	54.1	54.1	0.0	-0.1%
19.8%	54.1	54.1	0.0	-0.1%
21.0%	54.0	54.0	0.0	0.1%
22.2%	53.9	54.0	0.0	0.1%
23.5%	53.9	53.9	0.0	0.0%
24.7%	53.9	53.9	0.0	-0.1%
25.9%	53.9	53.9	0.0	0.0%
27.2%	53.8	53.9	0.0	0.1%
28.4%	53.8	53.8	0.0	0.1%
29.6%	53.7	53.7	0.0	0.1%
30.9%	53.7	53.7	0.0	0.1%
32.1%	53.7	53.7	0.1	0.1%
33.3%	53.6	53.7	0.0	0.0%
34.6%	53.6	53.5	-0.1	-0.2%
35.8%	53.5	53.5	-0.1	-0.2%
37.0%	53.5	53.4	-0.1	-0.1%
38.3%	53.5	53.4	-0.1	-0.2%
39.5%	53.5	53.4	-0.1	-0.2%
40.7%	53.4	53.3	0.0	0.0%
42.0%	53.4	53.3	0.0	-0.1%
43.2%	53.3	53.3	0.0	0.0%
44.4%	53.3	53.3	0.0	0.0%
45.7%	53.3	53.3	0.0	0.0%
46.9%	53.2	53.3	0.0	0.1%
48.1%	53.1	53.2	0.1	0.2%
49.4%	53.1	53.2	0.1	0.2%
50.6%	53.1	53.2	0.1	0.1%
51.9%	53.1	53.2	0.1	0.1%
53.1%	53.1	53.2	0.1	0.1%
54.3%	53.1	53.1	0.1	0.1%
55.6%	53.1	53.1	0.1	0.1%
56.8%	53.1	53.1	0.1	0.1%
58.0%	53.0	53.1	0.1	0.1%
59.3%	53.0	53.0	0.0	0.0%
60.5%	53.0	53.0	0.0	0.0%
61.7%	53.0	53.0	0.0	0.0%
63.0%	53.0	53.0	0.0	0.0%
64.2%	53.0	53.0	0.0	0.0%
65.4%	52.9	53.0	0.0	0.0%
66.7%	52.9	52.9	0.0	0.0%
67.9%	52.8	52.8	0.1	0.1%
69.1%	52.7	52.8	0.1	0.1%
70.4%	52.7	52.8	0.1	0.1%
71.6%	52.7	52.7	0.0	0.1%
72.8%	52.6	52.7	0.1	0.2%
74.1%	52.6	52.7	0.1	0.1%
75.3%	52.6	52.6	0.1	0.1%
76.5%	52.5	52.6	0.1	0.1%
77.8%	52.5	52.6	0.1	0.1%
79.0%	52.5	52.6	0.1	0.1%
80.2%	52.5	52.6	0.0	0.1%
81.5%	52.5	52.5	0.0	0.0%
82.7%	52.4	52.2	-0.1	-0.3%
84.0%	52.3	52.2	0.0	-0.1%
85.2%	52.3	52.1	-0.1	-0.2%
86.4%	52.2	52.1	-0.1	-0.2%
87.7%	51.9	52.1	0.1	0.2%
88.9%	51.9	52.0	0.1	0.2%
90.1%	51.9	51.9	0.0	0.1%
91.4%	51.8	51.9	0.1	0.1%
92.6%	51.8	51.8	0.0	0.1%
93.8%	51.7	51.7	0.1	0.1%
95.1%	51.7	51.7	0.0	0.1%
96.3%	51.5	51.7	0.1	0.3%
97.5%	51.3	51.6	0.2	0.5%
98.8%	51.2	51.2	-0.1	-0.2%
100.0%	51.1	50.9	-0.3	-0.5%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	61.2	59.5	-1.7	-2.8%
1.2%	58.7	58.8	0.1	0.2%
2.5%	58.7	58.4	-0.3	-0.5%
3.7%	58.5	58.1	-0.4	-0.7%
4.9%	58.2	58.0	-0.2	-0.3%
6.2%	58.1	57.5	-0.6	-1.0%
7.4%	58.1	57.4	-0.7	-1.3%
8.6%	57.8	57.1	-0.7	-1.2%
9.9%	56.9	56.7	-0.2	-0.3%
11.1%	56.5	56.6	0.1	0.2%
12.3%	56.4	55.8	-0.6	-1.0%
13.6%	56.1	55.7	-0.5	-0.9%
14.8%	55.7	55.4	-0.3	-0.6%
16.0%	55.7	55.2	-0.4	-0.8%
17.3%	55.0	55.2	0.2	0.3%
18.5%	55.0	55.0	-0.1	-0.1%
19.8%	55.0	54.7	-0.3	-0.6%
21.0%	55.0	54.7	-0.3	-0.5%
22.2%	54.7	54.6	-0.1	-0.1%
23.5%	54.7	54.6	-0.1	-0.1%
24.7%	54.6	54.6	0.0	0.0%
25.9%	54.5	54.6	0.0	0.1%
27.2%	54.5	54.6	0.0	0.1%
28.4%	54.5	54.6	0.0	0.0%
29.6%	54.5	54.4	0.0	0.0%
30.9%	54.4	54.4	0.0	0.0%
32.1%	54.3	54.3	-0.1	-0.1%
33.3%	54.3	54.3	0.0	-0.1%
34.6%	54.3	54.3	0.0	-0.1%
35.8%	54.3	54.3	-0.1	-0.1%
37.0%	54.3	54.2	-0.1	-0.2%
38.3%	54.3	54.2	-0.1	-0.2%
39.5%	54.3	54.1	-0.1	-0.3%
40.7%	54.2	54.1	-0.1	-0.3%
42.0%	54.1	54.0	-0.1	-0.2%
43.2%	54.1	54.0	0.0	0.0%
44.4%	54.0	54.0	0.0	0.0%
45.7%	53.9	54.0	0.0	0.1%
46.9%	53.9	53.9	0.0	0.0%
48.1%	53.8	53.9	0.0	0.0%
49.4%	53.8	53.8	0.0	0.0%
50.6%	53.7	53.7	-0.1	-0.1%
51.9%	53.7	53.6	-0.1	-0.1%
53.1%	53.6	53.6	0.0	0.1%
54.3%	53.6	53.6	0.0	0.1%
55.6%	53.5	53.6	0.1	0.1%
56.8%	53.4	53.6	0.1	0.3%
58.0%	53.4	53.5	0.1	0.2%
59.3%	53.4	53.4	0.0	0.0%
60.5%	53.3	53.4	0.0	0.1%
61.7%	53.3	53.4	0.1	0.2%
63.0%	53.3	53.3	0.0	0.1%
64.2%	53.2	53.3	0.1	0.1%
65.4%	53.2	53.3	0.0	0.1%
66.7%	53.2	53.3	0.1	0.1%
67.9%	53.2	53.3	0.1	0.1%
69.1%	53.2	53.3	0.1	0.1%
70.4%	53.2	53.2	0.0	0.1%
71.6%	53.2	53.2	0.0	0.0%
72.8%	53.1	53.2	0.0	0.1%
74.1%	53.1	53.2	0.0	0.1%
75.3%	53.1	53.1	0.1	0.1%
76.5%	53.0	53.1	0.1	0.1%
77.8%	53.0	53.1	0.0	0.1%
79.0%	53.0	53.1	0.0	0.1%
80.2%	53.0	53.0	0.0	0.0%
81.5%	53.0	53.0	0.0	0.1%
82.7%	52.9	53.0	0.1	0.1%
84.0%	52.9	52.9	0.0	0.0%
85.2%	52.9	52.9	0.0	0.0%
86.4%	52.9	52.9	0.0	0.0%
87.7%	52.9	52.9	0.0	0.0%
88.9%	52.9	52.8	0.0	0.0%
90.1%	52.7	52.8	0.1	0.2%
91.4%	52.7	52.7	0.0	0.0%
92.6%	52.6	52.5	-0.1	-0.3%
93.8%	52.4	52.3	0.0	-0.1%
95.1%	52.4	52.3	0.0	0.0%
96.3%	52.3	52.3	0.0	0.0%
97.5%	52.1	52.0	-0.1	-0.1%
98.8%	52.1	52.0	-0.1	-0.2%
100.0%	52.0	52.0	0.0	-0.1%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.0	65.5	-0.5	-0.7%
1.2%	65.2	63.0	-2.2	-3.4%
2.5%	64.5	60.5	-4.0	-6.2%
3.7%	63.1	59.5	-3.6	-5.7%
4.9%	60.2	58.5	-1.6	-2.7%
6.2%	59.0	57.8	-1.2	-2.0%
7.4%	58.6	57.6	-1.0	-1.6%
8.6%	57.7	56.7	-1.0	-1.7%
9.9%	57.2	56.6	-0.6	-1.1%
11.1%	57.0	56.5	-0.5	-0.9%
12.3%	56.8	56.4	-0.4	-0.6%
13.6%	56.8	56.3	-0.4	-0.8%
14.8%	56.7	56.2	-0.5	-1.0%
16.0%	56.0	56.0	0.0	0.0%
17.3%	55.9	56.0	0.0	0.1%
18.5%	55.8	56.0	0.1	0.2%
19.8%	55.8	56.0	0.2	0.3%
21.0%	55.7	55.9	0.2	0.4%
22.2%	55.7	55.8	0.2	0.3%
23.5%	55.7	55.8	0.2	0.3%
24.7%	55.7	55.8	0.1	0.2%
25.9%	55.6	55.8	0.2	0.3%
27.2%	55.6	55.7	0.1	0.3%
28.4%	55.6	55.6	0.1	0.1%
29.6%	55.6	55.2	-0.3	-0.6%
30.9%	55.4	55.2	-0.3	-0.5%
32.1%	55.4	55.0	-0.4	-0.7%
33.3%	55.4	55.0	-0.4	-0.7%
34.6%	55.4	55.0	-0.4	-0.7%
35.8%	55.3	54.9	-0.4	-0.8%
37.0%	55.3	54.9	-0.4	-0.8%
38.3%	55.3	54.8	-0.5	-0.9%
39.5%	55.1	54.8	-0.3	-0.5%
40.7%	54.9	54.7	-0.2	-0.4%
42.0%	54.9	54.7	-0.2	-0.3%
43.2%	54.9	54.7	-0.2	-0.3%
44.4%	54.9	54.7	-0.2	-0.3%
45.7%	54.8	54.6	-0.2	-0.4%
46.9%	54.8	54.6	-0.2	-0.4%
48.1%	54.8	54.6	-0.2	-0.4%
49.4%	54.8	54.6	-0.2	-0.4%
50.6%	54.7	54.6	-0.2	-0.3%
51.9%	54.7	54.6	-0.2	-0.4%
53.1%	54.7	54.5	-0.2	-0.4%
54.3%	54.6	54.5	-0.1	-0.2%
55.6%	54.6	54.5	-0.1	-0.2%
56.8%	54.6	54.5	-0.1	-0.2%
58.0%	54.6	54.5	-0.1	-0.2%
59.3%	54.6	54.5	-0.1	-0.2%
60.5%	54.5	54.4	-0.1	-0.3%
61.7%	54.5	54.4	-0.2	-0.3%
63.0%	54.5	54.3	-0.1	-0.3%
64.2%	54.4	54.3	-0.1	-0.1%
65.4%	54.3	54.3	-0.1	-0.1%
66.7%	54.3	54.3	-0.1	-0.1%
67.9%	54.3	54.2	-0.1	-0.1%
69.1%	54.3	54.2	0.0	-0.1%
70.4%	54.3	54.2	0.0	0.0%
71.6%	54.3	54.2	0.0	0.0%
72.8%	54.2	54.2	0.0	-0.1%
74.1%	54.2	54.2	0.0	0.0%
75.3%	54.2	54.2	0.0	0.0%
76.5%	54.2	54.2	0.0	0.0%
77.8%	54.2	54.1	-0.1	-0.1%
79.0%	54.0	54.1	0.1	0.2%
80.2%	53.9	54.0	0.1	0.1%
81.5%	53.9	54.0	0.1	0.1%
82.7%	53.9	54.0	0.1	0.2%
84.0%	53.8	53.9	0.1	0.1%
85.2%	53.8	53.9	0.1	0.2%
86.4%	53.7	53.9	0.1	0.3%
87.7%	53.7	53.8	0.1	0.2%
88.9%	53.6	53.8	0.3	0.5%
90.1%	53.5	53.7	0.2	0.4%
91.4%	53.5	53.7	0.2	0.4%
92.6%	53.4	53.6	0.2	0.3%
93.8%	53.4	53.4	0.1	0.1%
95.1%	53.1	53.3	0.2	0.3%
96.3%	53.1	53.1	0.0	0.0%
97.5%	52.8	52.9	0.2	0.3%
98.8%	52.7	52.8	0.1	0.2%
100.0%	52.5	52.6	0.1	0.2%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.8	66.7	-0.2	-0.3%
1.2%	65.0	63.6	-1.4	-2.1%
2.5%	64.9	63.6	-1.3	-2.1%
3.7%	64.9	63.6	-1.3	-2.1%
4.9%	63.9	63.3	-0.6	-1.0%
6.2%	63.5	63.0	-0.5	-0.8%
7.4%	63.4	61.5	-1.9	-3.0%
8.6%	60.9	59.6	-1.3	-2.1%
9.9%	60.6	59.6	-1.0	-1.6%
11.1%	59.3	59.0	-0.3	-0.5%
12.3%	59.3	59.0	-0.3	-0.5%
13.6%	58.9	58.1	-0.9	-1.5%
14.8%	58.9	58.1	-0.9	-1.5%
16.0%	58.9	58.0	-0.8	-1.4%
17.3%	58.3	58.0	-0.4	-0.7%
18.5%	58.3	57.6	-0.7	-1.2%
19.8%	58.2	57.3	-0.9	-1.5%
21.0%	58.1	57.2	-1.0	-1.6%
22.2%	57.8	57.1	-0.7	-1.3%
23.5%	57.8	56.9	-0.9	-1.5%
24.7%	57.4	56.8	-0.6	-1.0%
25.9%	57.2	56.8	-0.4	-0.7%
27.2%	57.1	56.8	-0.4	-0.6%
28.4%	57.0	56.5	-0.5	-0.9%
29.6%	56.9	56.4	-0.5	-0.9%
30.9%	56.9	56.4	-0.5	-0.9%
32.1%	56.9	56.3	-0.5	-1.0%
33.3%	56.8	56.3	-0.5	-0.9%
34.6%	56.6	56.2	-0.4	-0.6%
35.8%	56.6	56.2	-0.4	-0.7%
37.0%	56.5	56.1	-0.4	-0.7%
38.3%	56.5	56.1	-0.4	-0.7%
39.5%	56.5	56.1	-0.4	-0.7%
40.7%	56.4	56.1	-0.4	-0.7%
42.0%	56.3	55.8	-0.5	-0.9%
43.2%	56.3	55.7	-0.6	-1.1%
44.4%	56.3	55.7	-0.6	-1.0%
45.7%	56.2	55.6	-0.6	-1.2%
46.9%	56.2	55.6	-0.7	-1.2%
48.1%	56.2	55.5	-0.7	-1.3%
49.4%	56.2	55.5	-0.7	-1.3%
50.6%	56.1	55.5	-0.6	-1.1%
51.9%	56.1	55.5	-0.6	-1.1%
53.1%	55.7	55.5	-0.3	-0.5%
54.3%	55.7	55.4	-0.3	-0.6%
55.6%	55.6	55.3	-0.3	-0.5%
56.8%	55.4	55.2	-0.2	-0.4%
58.0%	55.3	55.2	-0.2	-0.3%
59.3%	55.3	55.0	-0.3	-0.5%
60.5%	55.3	54.9	-0.3	-0.6%
61.7%	55.3	54.9	-0.3	-0.6%
63.0%	55.2	54.9	-0.3	-0.6%
64.2%	55.1	54.9	-0.2	-0.4%
65.4%	55.0	54.8	-0.1	-0.3%
66.7%	55.0	54.8	-0.2	-0.3%
67.9%	54.9	54.8	-0.1	-0.2%
69.1%	54.9	54.7	-0.2	-0.3%
70.4%	54.8	54.6	-0.3	-0.5%
71.6%	54.8	54.5	-0.3	-0.6%
72.8%	54.7	54.5	-0.3	-0.5%
74.1%	54.7	54.5	-0.2	-0.3%
75.3%	54.6	54.5	-0.1	-0.2%
76.5%	54.5	54.4	-0.1	-0.3%
77.8%	54.5	54.3	-0.2	-0.3%
79.0%	54.5	54.3	-0.2	-0.4%
80.2%	54.5	54.3	-0.2	-0.4%
81.5%	54.4	54.3	-0.2	-0.3%
82.7%	54.4	54.3	-0.1	-0.2%
84.0%	54.3	54.2	-0.1	-0.1%
85.2%	54.2	54.2	0.0	0.0%
86.4%	54.1	54.1	0.0	0.1%
87.7%	54.1	54.0	-0.1	-0.1%
88.9%	54.0	53.8	-0.2	-0.4%
90.1%	54.0	53.8	-0.2	-0.3%
91.4%	53.9	53.6	-0.3	-0.6%
92.6%	53.8	53.4	-0.3	-0.6%
93.8%	53.6	53.3	-0.3	-0.5%
95.1%	53.4	53.3	-0.1	-0.2%
96.3%	53.4	53.1	-0.2	-0.5%
97.5%	53.0	52.2	-0.8	-1.4%
98.8%	52.0	52.2	0.1	0.3%
100.0%	51.9	52.0	0.1	0.1%

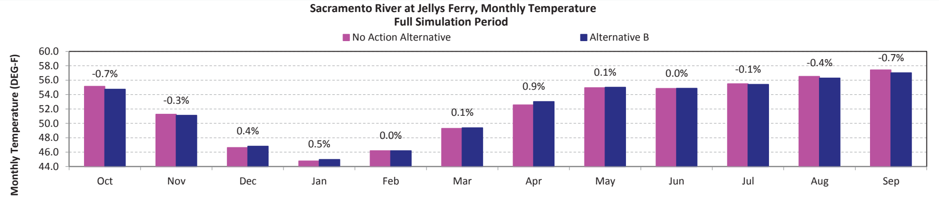
Table SQ-04-5a
Sacramento River at Jellys Ferry, Monthly Temperature
Long-term Average and Average by Water Year Type

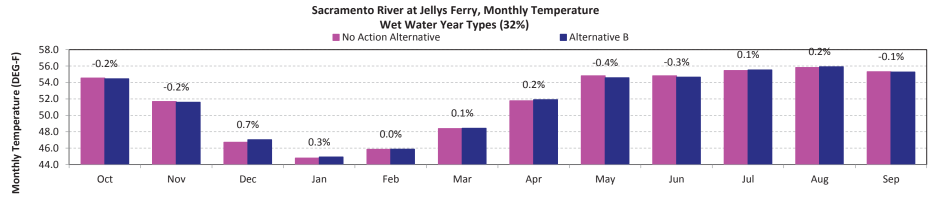
	Monthly Temperature (DEG-F)											
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period[1]												
No Action Alternative	55.1	51.3	46.6	44.8	46.2	49.3	52.6	54.9	54.8	55.5	56.5	57.4
Alternative B	54.7	51.1	46.8	45.0	46.2	49.4	53.0	55.0	54.9	55.4	56.3	57.0
Difference	-0.4	-0.2	0.2	0.2	0.0	0.1	0.5	0.1	0.0	-0.1	-0.2	-0.4
Percent Difference[3]	-0.7%	-0.3%	0.4%	0.5%	0.0%	0.1%	0.9%	0.1%	0.0%	-0.1%	-0.4%	-0.7%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	54.5	51.7	46.7	44.8	45.9	48.4	51.8	54.8	54.8	55.5	55.8	55.3
Alternative B	54.5	51.6	47.0	44.9	45.9	48.4	51.9	54.6	54.6	55.5	55.9	55.3
Difference	-0.1	-0.1	0.3	0.1	0.0	0.0	0.1	-0.2	-0.2	0.1	0.1	0.0
Percent Difference	-0.2%	-0.2%	0.7%	0.3%	0.0%	0.1%	0.2%	-0.4%	-0.3%	0.1%	0.2%	-0.1%
Above Normal (15%)												
No Action Alternative	54.1	51.0	47.1	45.0	46.3	49.5	53.0	55.5	54.0	54.4	56.0	56.3
Alternative B	53.9	51.0	47.4	45.2	46.3	49.6	53.4	55.2	54.1	54.3	55.9	56.3
Difference	-0.2	0.0	0.4	0.2	0.0	0.0	0.3	-0.3	0.1	0.0	0.0	0.0
Percent Difference	-0.4%	0.0%	0.8%	0.4%	0.0%	0.1%	0.7%	-0.5%	0.2%	-0.1%	0.0%	0.0%
Below Normal (17%)												
No Action Alternative	53.8	50.7	46.9	44.6	45.9	49.2	53.0	55.0	54.4	54.7	55.5	57.0
Alternative B	53.5	50.6	47.0	44.8	45.9	49.3	53.6	55.1	54.4	54.8	55.4	56.5
Difference	-0.3	-0.1	0.1	0.2	0.0	0.0	0.6	0.2	0.0	0.0	-0.1	-0.5
Percent Difference	-0.6%	-0.1%	0.2%	0.4%	0.0%	0.1%	1.1%	0.3%	0.1%	0.1%	-0.2%	-0.9%
Dry (22%)												
No Action Alternative	55.4	51.4	46.6	44.7	46.4	50.0	53.0	54.5	54.8	55.0	56.4	58.4
Alternative B	54.8	51.1	46.6	45.1	46.4	50.1	53.7	54.8	55.0	54.9	56.0	57.7
Difference	-0.6	-0.3	0.0	0.4	0.0	0.1	0.7	0.3	0.2	0.0	-0.4	-0.7
Percent Difference	-1.1%	-0.6%	0.0%	0.9%	0.0%	0.2%	1.3%	0.5%	0.4%	-0.1%	-0.6%	-1.2%
Critical (15%)												
No Action Alternative	58.7	51.2	45.8	44.7	46.9	50.2	52.6	55.3	56.4	58.3	60.0	62.1
Alternative B	57.6	50.8	45.9	44.9	47.0	50.3	53.4	55.9	56.4	57.8	58.9	61.1
Difference	-1.1	-0.4	0.1	0.2	0.1	0.1	0.8	0.6	0.0	-0.6	-1.1	-1.0
Percent Difference	-1.8%	-0.7%	0.2%	0.4%	0.2%	0.2%	1.5%	1.0%	0.1%	-1.0%	-1.9%	-1.6%

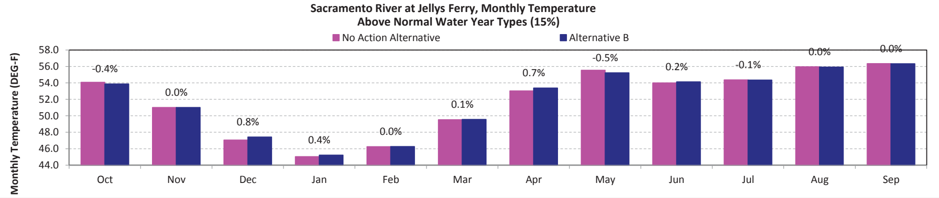
1 Based on the 82-year simulation period

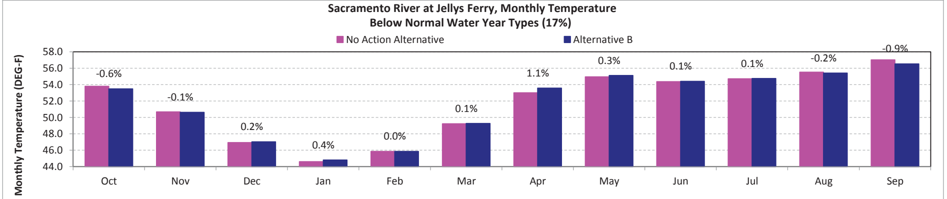
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

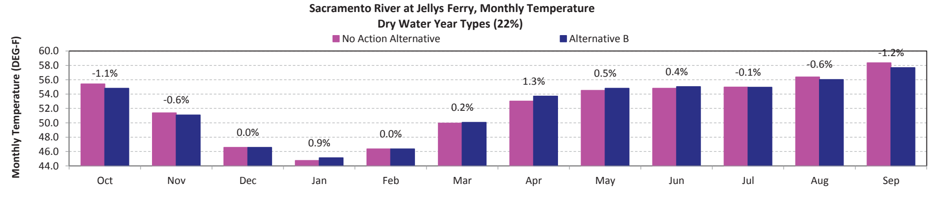
3 Relative difference of the monthly average


Sacramento River at Jellys Ferry, Monthly Temperature
Full Simulation Period


Sacramento River at Jellys Ferry, Monthly Temperature
Wet Water Year Types (32%)


Sacramento River at Jellys Ferry, Monthly Temperature
Above Normal Water Year Types (15%)


Sacramento River at Jellys Ferry, Monthly Temperature
Below Normal Water Year Types (17%)


Sacramento River at Jellys Ferry, Monthly Temperature
Dry Water Year Types (22%)

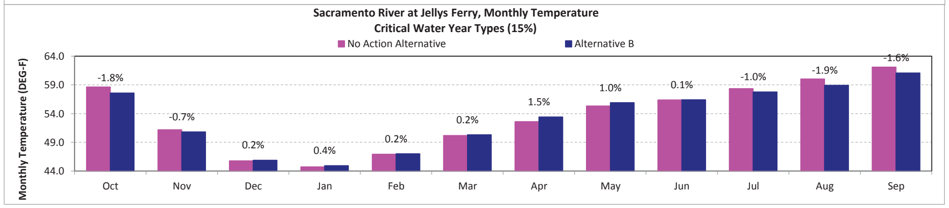

Sacramento River at Jellys Ferry, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-04-5b
Sacramento River at Jellys Ferry, Monthly Temperature
Probability of Exceedance

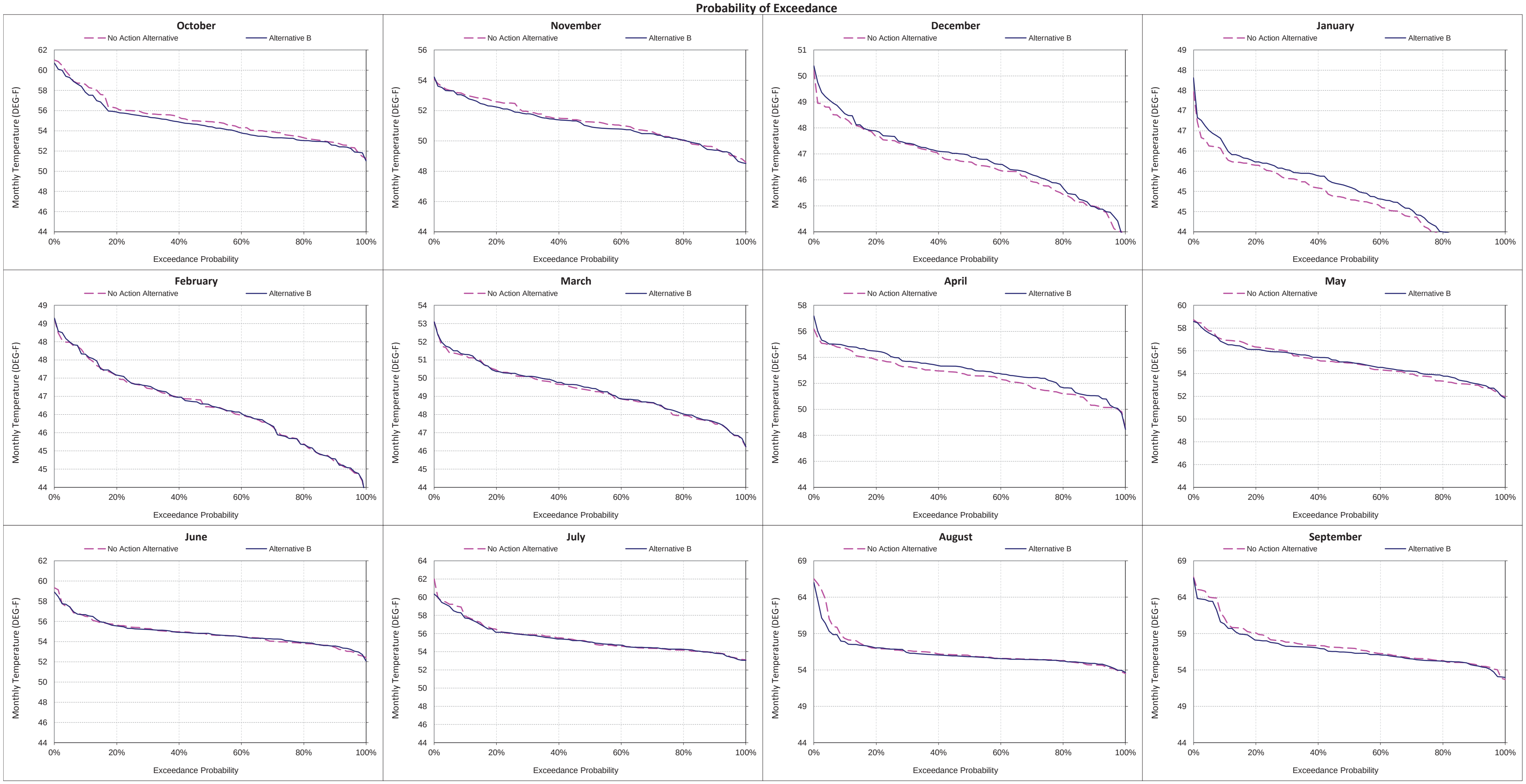


Table SQ-04-5b

Sacramento River at Jellys Ferry, Monthly Temperature
Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	61.0	60.7	-0.3	-0.5%
1.2%	60.9	60.1	-0.7	-1.2%
2.5%	60.5	60.0	-0.5	-0.8%
3.7%	59.9	59.4	-0.5	-0.9%
4.9%	59.5	59.3	-0.2	-0.3%
6.2%	58.9	58.9	0.0	0.0%
7.4%	58.7	58.6	-0.1	-0.2%
8.6%	58.7	58.4	-0.3	-0.6%
9.9%	58.6	57.8	-0.8	-1.4%
11.1%	58.3	57.5	-0.7	-1.3%
12.3%	58.2	57.5	-0.7	-1.2%
13.6%	58.0	57.0	-1.0	-1.8%
14.8%	57.6	56.8	-0.7	-1.3%
16.0%	57.5	56.4	-1.1	-2.0%
17.3%	56.4	55.9	-0.4	-0.8%
18.5%	56.3	55.9	-0.4	-0.7%
19.8%	56.3	55.9	-0.4	-0.7%
21.0%	56.1	55.8	-0.3	-0.5%
22.2%	56.0	55.7	-0.3	-0.5%
23.5%	56.0	55.7	-0.3	-0.6%
24.7%	56.0	55.6	-0.4	-0.7%
25.9%	56.0	55.6	-0.4	-0.7%
27.2%	56.0	55.5	-0.4	-0.8%
28.4%	55.8	55.4	-0.3	-0.6%
29.6%	55.7	55.4	-0.3	-0.5%
30.9%	55.7	55.3	-0.4	-0.6%
32.1%	55.7	55.3	-0.4	-0.6%
33.3%	55.6	55.2	-0.4	-0.7%
34.6%	55.6	55.2	-0.4	-0.8%
35.8%	55.6	55.1	-0.5	-0.8%
37.0%	55.6	55.0	-0.5	-1.0%
38.3%	55.5	55.0	-0.6	-1.0%
39.5%	55.4	54.9	-0.5	-0.9%
40.7%	55.2	54.8	-0.4	-0.7%
42.0%	55.2	54.8	-0.4	-0.8%
43.2%	55.0	54.7	-0.3	-0.6%
44.4%	55.0	54.7	-0.3	-0.6%
45.7%	55.0	54.7	-0.3	-0.6%
46.9%	55.0	54.6	-0.4	-0.7%
48.1%	54.9	54.5	-0.4	-0.8%
49.4%	54.9	54.4	-0.5	-0.9%
50.6%	54.9	54.4	-0.5	-0.9%
51.9%	54.8	54.3	-0.6	-1.0%
53.1%	54.8	54.3	-0.6	-1.0%
54.3%	54.7	54.2	-0.6	-1.1%
55.6%	54.6	54.1	-0.5	-0.9%
56.8%	54.5	54.1	-0.5	-0.9%
58.0%	54.5	54.0	-0.5	-0.9%
59.3%	54.3	53.8	-0.5	-0.9%
60.5%	54.3	53.7	-0.6	-1.0%
61.7%	54.3	53.7	-0.6	-1.1%
63.0%	54.1	53.6	-0.5	-0.9%
64.2%	54.1	53.5	-0.5	-0.9%
65.4%	54.0	53.5	-0.6	-1.0%
66.7%	54.0	53.5	-0.6	-1.0%
67.9%	53.9	53.4	-0.5	-1.0%
69.1%	53.9	53.4	-0.6	-1.1%
70.4%	53.9	53.3	-0.6	-1.1%
71.6%	53.8	53.3	-0.5	-0.9%
72.8%	53.8	53.3	-0.5	-0.9%
74.1%	53.6	53.3	-0.3	-0.6%
75.3%	53.6	53.3	-0.3	-0.6%
76.5%	53.5	53.3	-0.3	-0.5%
77.8%	53.5	53.1	-0.4	-0.7%
79.0%	53.4	53.1	-0.3	-0.6%
80.2%	53.3	53.0	-0.3	-0.5%
81.5%	53.2	53.0	-0.2	-0.3%
82.7%	53.2	53.0	-0.2	-0.3%
84.0%	53.1	53.0	-0.2	-0.3%
85.2%	53.1	52.9	-0.1	-0.2%
86.4%	53.0	52.9	-0.1	-0.1%
87.7%	52.9	52.9	0.0	0.0%
88.9%	52.9	52.6	-0.3	-0.5%
90.1%	52.8	52.6	-0.3	-0.5%
91.4%	52.7	52.4	-0.3	-0.6%
92.6%	52.6	52.4	-0.2	-0.4%
93.8%	52.6	52.4	-0.2	-0.4%
95.1%	52.3	52.3	-0.1	-0.2%
96.3%	52.3	51.9	-0.4	-0.8%
97.5%	51.8	51.9	0.1	0.1%
98.8%	51.5	51.8	0.3	0.7%
100.0%	51.3	51.0	0.0	-0.5%

November				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.1	54.2	0.1	0.2%
1.2%	53.8	53.6	-0.2	-0.3%
2.5%	53.6	53.5	-0.1	-0.1%
3.7%	53.4	53.3	-0.1	-0.2%
4.9%	53.3	53.3	0.0	-0.1%
6.2%	53.3	53.3	0.0	0.0%
7.4%	53.2	53.0	-0.1	-0.3%
8.6%	53.2	53.0	-0.1	-0.2%
9.9%	53.0	52.9	-0.1	-0.2%
11.1%	53.0	52.8	-0.2	-0.4%
12.3%	52.9	52.7	-0.2	-0.4%
13.6%	52.9	52.6	-0.2	-0.4%
14.8%	52.8	52.5	-0.3	-0.6%
16.0%	52.8	52.4	-0.4	-0.7%
17.3%	52.8	52.3	-0.4	-0.8%
18.5%	52.7	52.3	-0.4	-0.7%
19.8%	52.6	52.2	-0.3	-0.6%
21.0%	52.6	52.2	-0.4	-0.7%
22.2%	52.5	52.1	-0.4	-0.7%
23.5%	52.5	52.1	-0.4	-0.7%
24.7%	52.5	52.0	-0.5	-0.9%
25.9%	52.5	51.9	-0.6	-1.1%
27.2%	52.1	51.9	-0.3	-0.5%
28.4%	52.0	51.8	-0.1	-0.3%
29.6%	52.0	51.8	-0.2	-0.3%
30.9%	51.9	51.8	-0.1	-0.2%
32.1%	51.9	51.7	-0.1	-0.3%
33.3%	51.8	51.6	-0.2	-0.3%
34.6%	51.8	51.5	-0.2	-0.4%
35.8%	51.6	51.5	-0.1	-0.2%
37.0%	51.6	51.5	-0.1	-0.2%
38.3%	51.5	51.4	-0.1	-0.1%
39.5%	51.5	51.4	-0.1	-0.2%
40.7%	51.5	51.4	-0.1	-0.2%
42.0%	51.5	51.4	-0.1	-0.2%
43.2%	51.5	51.4	-0.1	-0.2%
44.4%	51.4	51.3	-0.1	-0.1%
45.7%	51.4	51.3	-0.1	-0.2%
46.9%	51.3	51.2	-0.1	-0.2%
48.1%	51.3	51.0	-0.2	-0.4%
49.4%	51.3	51.0	-0.3	-0.5%
50.6%	51.2	50.9	-0.3	-0.7%
51.9%	51.2	50.9	-0.3	-0.6%
53.1%	51.2	50.8	-0.4	-0.7%
54.3%	51.2	50.8	-0.4	-0.7%
55.6%	51.1	50.8	-0.3	-0.6%
56.8%	51.1	50.8	-0.3	-0.5%
58.0%	51.1	50.8	-0.3	-0.5%
59.3%	51.0	50.8	-0.3	-0.5%
60.5%	51.0	50.8	-0.2	-0.4%
61.7%	51.0	50.7	-0.2	-0.5%
63.0%	50.9	50.7	-0.2	-0.4%
64.2%	50.8	50.6	-0.2	-0.3%
65.4%	50.7	50.6	-0.2	-0.3%
66.7%	50.7	50.5	-0.2	-0.5%
67.9%	50.7	50.5	-0.2	-0.4%
69.1%	50.6	50.5	-0.2	-0.3%
70.4%	50.6	50.5	-0.1	-0.2%
71.6%	50.4	50.4	-0.1	-0.1%
72.8%	50.4	50.4	-0.1	-0.1%
74.1%	50.3	50.2	-0.1	-0.1%
75.3%	50.3	50.2	0.0	-0.1%
76.5%	50.2	50.2	0.0	0.1%
77.8%	50.1	50.1	0.0	0.1%
79.0%	50.1	50.1	0.0	-0.1%
80.2%	50.0	50.0	0.0	0.1%
81.5%	50.0	50.0	0.0	0.0%
82.7%	49.8	49.9	0.1	0.2%
84.0%	49.8	49.8	0.1	0.2%
85.2%	49.7	49.8	0.1	0.1%
86.4%	49.7	49.6	-0.1	-0.2%
87.7%	49.6	49.4	-0.2	-0.4%
88.9%	49.6	49.4	-0.2	-0.4%
90.1%	49.6	49.4	-0.2	-0.4%
91.4%	49.4	49.4	0.0	0.0%
92.6%	49.3	49.3	0.0	0.0%
93.8%	49.3	49.3	0.0	0.0%
95.1%	49.0	49.2	0.2	0.3%
96.3%	49.0	48.9	-0.1	-0.1%
97.5%	48.9	48.7	-0.2	-0.4%
98.8%	48.8	48.6	-0.3	-0.5%
100.0%	48.6	48.5	-0.1	-0.2%

December				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.2	50.4	0.2	0.3%
1.2%	48.9	49.7	0.8	1.6%
2.5%	48.9	49.4	0.4	0.9%
3.7%	48.8	49.2	0.4	0.8%
4.9%	48.8	49.1	0.3	0.6%
6.2%	48.5	49.0	0.5	0.9%
7.4%	48.5	48.9	0.4	0.8%
8.6%	48.4	48.7	0.3	0.7%
9.9%	48.4	48.5	0.2	0.4%
11.1%	48.3	48.5	0.2	0.4%
12.3%	48.1	48.5	0.4	0.7%
13.6%	48.1	48.1	0.0	0.1%
14.8%	48.0	48.1	0.1	0.1%
16.0%	47.9	48.0	0.0	0.1%
17.3%	47.9	47.9	0.0	0.0%
18.5%	47.9	47.9	0.0	0.1%
19.8%	47.7	47.9	0.2	0.4%
21.0%	47.7	47.8	0.2	0.3%
22.2%	47.5	47.7	0.2	0.3%
23.5%	47.5	47.7	0.2	0.3%
24.7%	47.5	47.7	0.2	0.3%
25.9%	47.5	47.7	0.2	0.3%
27.2%	47.4	47.5	0.1	0.1%
28.4%	47.4	47.5	0.1	0.1%
29.6%	47.4	47.4	0.0	0.1%
30.9%	47.4	47.4	0.0	0.1%
32.1%	47.3	47.4	0.0	0.1%
33.3%	47.2	47.3	0.1	0.1%
34.6%	47.2	47.3	0.1	0.1%
35.8%	47.2	47.2	0.1	0.2%
37.0%	47.1	47.2	0.0	0.1%
38.3%	47.1	47.2	0.1	0.2%
39.5%	47.1	47.1	0.1	0.1%
40.7%	46.9	47.1	0.2	0.4%
42.0%	46.8	47.1	0.3	0.6%
43.2%	46.8	47.1	0.3	0.6%
44.4%	46.8	47.0	0.3	0.5%
45.7%	46.8	47.0	0.3	0.5%
46.9%	46.7	47.0	0.3	0.6%
48.1%	46.7	47.0	0.3	0.6%
49.4%	46.7	47.0	0.3	0.6%
50.6%	46.7	46.9	0.2	0.4%
51.9%	46.6	46.9	0.3	0.6%
53.1%	46.5	46.8	0.2	0.5%
54.3%	46.5	46.8	0.2	0.5%
55.6%	46.5	46.8	0.3	0.6%
56.8%	46.5	46.7	0.2	0.5%
58.0%	46.4	46.6	0.2	0.4%
59.3%	46.4	46.6	0.2	0.5%
60.5%	46.3	46.6	0.3	0.5%
61.7%	46.3	46.5	0.2	0.4%
63.0%	46.3	46.4	0.1	0.2%
64.2%	46.3	46.4	0.1	0.1%
65.4%	46.3	46.4	0.0	0.1%
66.7%	46.2	46.3	0.2	0.4%
67.9%	46.1	46.3	0.2	0.4%
69.1%	46.0	46.2	0.3	0.6%
70.4%	45.9	46.2	0.3	0.6%
71.6%	45.9	46.1	0.2	0.5%
72.8%	45.8	46.1	0.3	0.6%
74.1%	45.8	46.0	0.3	0.6%
75.3%	45.8	46.0	0.2	0.4%
76.5%	45.7	45.9	0.2	0.5%
77.8%	45.6	45.9	0.3	0.7%
79.0%	45.5	45.8	0.3	0.7%
80.2%	45.4	45.6	0.2	0.5%
81.5%	45.4	45.5	0.1	0.2%
82.7%	45.3	45.5	0.2	0.3%
84.0%	45.2	45.4	0.3	0.6%
85.2%	45.1	45.2	0.1	0.2%
86.4%	45.1	45.2	0.1	0.2%
87.7%	45.0	45.2	0.1	0.3%
88.9%	45.0	45.0	0.0	-0.1%
90.1%	45.0	45.0	0.0	0.0%
91.4%	44.9	44.9	-0.1	-0.1%
92.6%	44.8	44.9	0.1	0.1%
93.8%	44.7	44.8	0.0	0.1%
95.1%	44.5	44.8	0.3	0.7%
96.3%	44.1	44.6	0.5	1.0%
97.5%	44.0	44.4	0.4	0.9%
98.8%	44.0	43.9	-0.1	-0.2%
100.0%	42.9	43.3	0.4	0.9%

January				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.5	47.8	0.3	0.7%
1.2%	46.7	46.8	0.1	0.2%
2.5%	46.3	46.8	0.4	0.9%
3.7%	46.3	46.6	0.3	0.7%
4.9%	46.1	46.5	0.4	0.8%
6.2%	46.1	46.4	0.3	0.7%
7.4%	46.1	46.4	0.3	0.6%
8.6%	46.1	46.3	0.2	0.5%
9.9%	45.9	46.1	0.3	0.6%
11.1%	45.8	46.0	0.2	0.5%
12.3%	45.7	45.9	0.2	0.4%
13.6%	45.7	45.9	0.2	0.4%
14.8%	45.7	45.9	0.2	0.3%
16.0%	45.7	45.8	0.1	0.3%
17.3%	45.7	45.8	0.1	0.3%
18.5%	45.7	45.8	0.1	0.2%
19.8%	45.7	45.7	0.1	0.2%
21.0%	45.6	45.7	0.1	0.2%
22.2%	45.6	45.7	0.1	0.3%
23.5%	45.5	45.7	0.2	0.4%
24.7%	45.5	45.7	0.2	0.4%
25.9%	45.5	45.6	0.2	0.3%
27.2%	45.4	45.6	0.2	0.3%
28.4%	45.4	45.6	0.2	0.5%
29.6%	45.3	45.5	0.2	0.5%
30.9%	45.3	45.5	0.2	0.5%
32.1%	45.3	45.5	0.2	0.3%
33.3%	45.3	45.5	0.2	0.4%
34.6%	45.2	45.4	0.2	0.5%
35.8%	45.2	45.4	0.2	0.5%
37.0%	45.2	45.4	0.3	0.6%
38.3%	45.1	45.4	0.3	0.7%
39.5%	45.1	45.4	0.3	0.7%
40.7%	45.1	45.4	0.3	0.7%
42.0%	45.1	45.4	0.3	0.7%
43.2%	44.9	45.3	0.3	0.8%
44.4%	44.9	45.2	0.3	0.7%
45.7%	44.9	45.2	0.3	0.7%
46.9%	44.9	45.2	0.3	0.7%
48.1%	44.9	45.2	0.3	0.7%
49.4%	44.8	45.1	0.3	0.7%
50.6%	44.8	45.1	0.3	0.7%
51.9%	44.8	45.1	0.3	0.6%
53.1%	44.8	45.0	0.2	0.5%
54.3%	44.7	45.0	0.2	0.5%
55.6%	44.7	45.0	0.2	0.5%
56.8%	44.7	44.9	0.2	0.4%
58.0%	44.7	44.9	0.2	0.4%
59.3%	44.7	44.8	0.1	0.3%
60.5%	44.6	44.8	0.2	0.5%
61.7%	44.6	44.8	0.2	0.4%
63.0%	44.5	44.8	0.2	0.5%
64.2%	44.5	44.7	0.2	0.5%
65.4%	44.5	44.7	0.2	0.5%
66.7%	44.5	44.6	0.2	0.4%
67.9%	44.4	44.6	0.2	0.4%
69.1%	44.4	44.6	0.2	0.5%
70.4%	44.4	44.5	0.1	0.3%
71.6%	44.4	44.4	0.1	0.1%
72.8%	44.2	44.4	0.2	0.4%
74.1%	44.1	44.3	0.2	0.5%
75.3%	44.1	44.2	0.2	0.4%
76.5%	44.0	44.2	0.2	0.4%
77.8%	44.0	44.1	0.1	0.3%
79.0%	43.9	44.0	0.1	0.2%
80.2%	43.9	44.0	0.1	0.2%
81.5%	43.7	44.0	0.3	0.6%
82.7%	43.7	44.0	0.3	0.6%
84.0%	43.6	43.9	0.3	0.7%
85.2%	43.6	43.8	0.2	0.5%
86.4%	43.6	43.7	0.1	0.3%
87.7%	43.5	43.7	0.2	0.4%
88.9%	43.5	43.6	0.1	0.2%
90.1%	43.5	43.6	0.1	0.2%
91.4%	43.5	43.6	0.1	0.2%
92.6%	43.5	43.6	0.1	0.2%
93.8%	43.4	43.5	0.1	0.2%
95.1%	43.3	43.4	0.1	0.3%
96.3%	42.9	43.2	0.4	0.8%
97.5%	42.8	42.9	0.1	0.3%
98.8%	42.7	42.9	0.2	0.5%
100.0%	42.4	42.7	0.3	0.7%

Table SQ-04-5b

Sacramento River at Jellys Ferry, Monthly Temperature
Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	48.6	48.6	0.0	0.0%
1.2%	48.2	48.3	0.0	0.1%
2.5%	48.0	48.2	0.2	0.4%
3.7%	48.0	48.1	0.1	0.2%
4.9%	48.0	48.0	0.0	0.0%
6.2%	47.9	47.9	0.0	0.1%
7.4%	47.9	47.9	0.0	0.0%
8.6%	47.8	47.7	-0.1	-0.3%
9.9%	47.6	47.7	0.0	0.0%
11.1%	47.5	47.6	0.0	0.1%
12.3%	47.5	47.5	0.1	0.2%
13.6%	47.3	47.5	0.1	0.3%
14.8%	47.3	47.3	0.0	-0.1%
16.0%	47.2	47.2	0.0	0.1%
17.3%	47.2	47.2	0.0	0.1%
18.5%	47.1	47.2	0.0	0.0%
19.8%	47.1	47.1	0.0	0.0%
21.0%	47.0	47.1	0.1	0.2%
22.2%	47.0	47.0	0.1	0.2%
23.5%	46.9	46.9	0.1	0.1%
24.7%	46.9	46.9	0.0	0.0%
25.9%	46.8	46.8	0.0	0.0%
27.2%	46.8	46.8	0.0	0.0%
28.4%	46.8	46.8	0.0	0.0%
29.6%	46.7	46.8	0.1	0.1%
30.9%	46.7	46.8	0.1	0.1%
32.1%	46.7	46.7	0.0	0.0%
33.3%	46.6	46.7	0.0	0.0%
34.6%	46.6	46.6	0.0	0.1%
35.8%	46.6	46.6	0.1	0.1%
37.0%	46.5	46.5	0.0	0.1%
38.3%	46.5	46.5	0.0	0.0%
39.5%	46.5	46.5	0.0	0.0%
40.7%	46.4	46.5	0.0	0.1%
42.0%	46.4	46.4	0.0	-0.1%
43.2%	46.4	46.4	-0.1	-0.1%
44.4%	46.4	46.4	-0.1	-0.1%
45.7%	46.4	46.3	-0.1	-0.1%
46.9%	46.4	46.3	-0.1	-0.2%
48.1%	46.2	46.3	0.1	0.2%
49.4%	46.2	46.3	0.1	0.1%
50.6%	46.2	46.2	0.0	0.1%
51.9%	46.2	46.2	0.0	0.0%
53.1%	46.2	46.2	0.0	0.0%
54.3%	46.1	46.1	0.0	0.0%
55.6%	46.1	46.1	0.0	0.0%
56.8%	46.1	46.1	0.0	0.0%
58.0%	46.0	46.1	0.1	0.1%
59.3%	46.0	46.1	0.1	0.2%
60.5%	46.0	46.0	0.0	0.0%
61.7%	45.9	46.0	0.0	0.0%
63.0%	45.9	45.9	0.0	0.0%
64.2%	45.9	45.9	0.0	0.0%
65.4%	45.9	45.9	0.0	0.0%
66.7%	45.8	45.9	0.1	0.1%
67.9%	45.8	45.8	0.0	0.0%
69.1%	45.7	45.7	0.0	0.0%
70.4%	45.6	45.7	0.0	0.1%
71.6%	45.5	45.4	-0.1	-0.2%
72.8%	45.4	45.4	0.0	0.0%
74.1%	45.4	45.4	0.0	0.0%
75.3%	45.4	45.3	0.0	-0.1%
76.5%	45.4	45.3	0.0	0.0%
77.8%	45.3	45.3	0.0	0.0%
79.0%	45.2	45.2	0.0	-0.1%
80.2%	45.2	45.2	0.0	0.0%
81.5%	45.1	45.1	0.0	0.1%
82.7%	45.0	45.1	0.0	0.1%
84.0%	45.0	45.0	0.0	0.0%
85.2%	44.9	44.9	0.0	0.0%
86.4%	44.9	44.9	0.0	0.0%
87.7%	44.9	44.9	0.0	0.0%
88.9%	44.8	44.8	0.0	0.0%
90.1%	44.7	44.8	0.1	0.2%
91.4%	44.7	44.6	0.0	-0.1%
92.6%	44.6	44.6	0.0	0.1%
93.8%	44.5	44.5	0.0	0.0%
95.1%	44.5	44.5	0.0	0.1%
96.3%	44.4	44.4	0.0	0.1%
97.5%	44.4	44.4	0.0	0.0%
98.8%	44.2	44.2	0.0	0.0%
100.0%	43.7	43.7	0.0	0.0%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.1	53.1	0.0	0.0%
1.2%	52.4	52.4	-0.1	-0.1%
2.5%	51.8	52.0	0.2	0.4%
3.7%	51.7	51.8	0.1	0.1%
4.9%	51.4	51.7	0.3	0.6%
6.2%	51.4	51.5	0.1	0.2%
7.4%	51.3	51.5	0.2	0.3%
8.6%	51.3	51.3	0.1	0.1%
9.9%	51.3	51.3	0.1	0.1%
11.1%	51.1	51.3	0.2	0.3%
12.3%	51.1	51.2	0.1	0.2%
13.6%	51.1	51.0	-0.1	-0.2%
14.8%	51.0	50.9	-0.1	-0.1%
16.0%	50.7	50.7	0.0	0.0%
17.3%	50.6	50.7	0.0	0.1%
18.5%	50.5	50.5	-0.1	-0.1%
19.8%	50.5	50.4	-0.1	-0.2%
21.0%	50.3	50.3	0.0	0.0%
22.2%	50.3	50.3	0.0	-0.1%
23.5%	50.3	50.3	0.0	-0.1%
24.7%	50.2	50.3	0.0	0.0%
25.9%	50.1	50.3	0.1	0.3%
27.2%	50.1	50.2	0.1	0.2%
28.4%	50.1	50.1	0.0	0.1%
29.6%	50.1	50.1	0.0	0.0%
30.9%	50.1	50.1	0.0	0.0%
32.1%	50.0	50.1	0.1	0.2%
33.3%	49.9	50.0	0.1	0.3%
34.6%	49.9	50.0	0.1	0.3%
35.8%	49.8	49.9	0.1	0.2%
37.0%	49.8	49.9	0.1	0.3%
38.3%	49.7	49.9	0.1	0.3%
39.5%	49.7	49.8	0.1	0.2%
40.7%	49.6	49.8	0.1	0.2%
42.0%	49.6	49.7	0.0	0.1%
43.2%	49.6	49.7	0.1	0.2%
44.4%	49.5	49.6	0.2	0.3%
45.7%	49.4	49.6	0.2	0.4%
46.9%	49.4	49.6	0.2	0.3%
48.1%	49.4	49.5	0.1	0.2%
49.4%	49.3	49.5	0.2	0.3%
50.6%	49.3	49.4	0.1	0.2%
51.9%	49.3	49.4	0.2	0.3%
53.1%	49.3	49.3	0.1	0.1%
54.3%	49.2	49.3	0.1	0.2%
55.6%	49.2	49.3	0.1	0.2%
56.8%	49.1	49.1	-0.1	-0.1%
58.0%	48.9	49.0	0.1	0.3%
59.3%	48.9	48.9	0.0	0.0%
60.5%	48.8	48.8	0.0	0.0%
61.7%	48.8	48.8	0.0	0.1%
63.0%	48.8	48.8	0.1	0.1%
64.2%	48.8	48.8	0.1	0.1%
65.4%	48.7	48.8	0.1	0.2%
66.7%	48.7	48.7	0.0	0.0%
67.9%	48.7	48.7	0.0	0.1%
69.1%	48.7	48.7	0.0	0.0%
70.4%	48.6	48.6	0.0	0.0%
71.6%	48.5	48.5	0.0	0.0%
72.8%	48.5	48.5	0.1	0.1%
74.1%	48.4	48.3	0.0	-0.1%
75.3%	48.2	48.3	0.0	0.1%
76.5%	48.0	48.2	0.2	0.5%
77.8%	47.9	48.2	0.2	0.4%
79.0%	47.9	48.1	0.2	0.3%
80.2%	47.9	48.0	0.1	0.1%
81.5%	47.9	48.0	0.0	0.1%
82.7%	47.8	48.0	0.1	0.3%
84.0%	47.8	47.9	0.1	0.2%
85.2%	47.7	47.8	0.1	0.1%
86.4%	47.7	47.7	0.0	0.0%
87.7%	47.6	47.7	0.1	0.2%
88.9%	47.6	47.6	0.0	0.0%
90.1%	47.5	47.6	0.1	0.2%
91.4%	47.5	47.5	0.0	0.1%
92.6%	47.4	47.4	0.0	0.0%
93.8%	47.2	47.2	0.0	0.0%
95.1%	47.0	47.0	0.0	0.0%
96.3%	46.8	46.9	0.0	0.0%
97.5%	46.8	46.8	0.0	0.0%
98.8%	46.6	46.7	0.1	0.2%
100.0%	46.2	46.2	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.2	57.2	1.0	1.8%
1.2%	55.5	56.0	0.5	0.9%
2.5%	55.1	55.3	0.2	0.4%
3.7%	55.0	55.2	0.2	0.3%
4.9%	54.9	55.0	0.1	0.1%
6.2%	54.9	55.0	0.1	0.2%
7.4%	54.8	55.0	0.2	0.4%
8.6%	54.7	55.0	0.3	0.5%
9.9%	54.7	54.9	0.2	0.3%
11.1%	54.6	54.8	0.2	0.4%
12.3%	54.5	54.8	0.3	0.6%
13.6%	54.1	54.8	0.7	1.2%
14.8%	54.1	54.7	0.6	1.1%
16.0%	54.0	54.7	0.6	1.2%
17.3%	54.0	54.6	0.6	1.1%
18.5%	53.9	54.5	0.6	1.1%
19.8%	53.8	54.5	0.6	1.2%
21.0%	53.8	54.4	0.7	1.3%
22.2%	53.7	54.4	0.6	1.2%
23.5%	53.7	54.3	0.6	1.1%
24.7%	53.6	54.1	0.4	0.8%
25.9%	53.6	54.0	0.4	0.8%
27.2%	53.4	54.0	0.6	1.1%
28.4%	53.3	53.7	0.4	0.8%
29.6%	53.3	53.7	0.4	0.8%
30.9%	53.3	53.7	0.4	0.8%
32.1%	53.2	53.7	0.4	0.8%
33.3%	53.2	53.6	0.5	0.9%
34.6%	53.1	53.6	0.4	0.8%
35.8%	53.0	53.5	0.5	1.0%
37.0%	53.0	53.5	0.5	0.9%
38.3%	53.0	53.4	0.4	0.8%
39.5%	53.0	53.4	0.4	0.8%
40.7%	52.9	53.3	0.4	0.7%
42.0%	52.9	53.3	0.4	0.7%
43.2%	52.9	53.3	0.4	0.8%
44.4%	52.9	53.3	0.4	0.8%
45.7%	52.9	53.3	0.5	0.9%
46.9%	52.8	53.3	0.5	1.0%
48.1%	52.7	53.2	0.5	0.9%
49.4%	52.6	53.1	0.5	1.0%
50.6%	52.6	53.1	0.5	0.9%
51.9%	52.6	53.0	0.4	0.7%
53.1%	52.6	52.9	0.4	0.7%
54.3%	52.6	52.9	0.4	0.7%
55.6%	52.6	52.9	0.4	0.7%
56.8%	52.5	52.9	0.4	0.7%
58.0%	52.5	52.8	0.3	0.5%
59.3%	52.4	52.8	0.4	0.8%
60.5%	52.3	52.7	0.4	0.8%
61.7%	52.2	52.7	0.4	0.8%
63.0%	52.1	52.6	0.5	1.0%
64.2%	52.1	52.6	0.5	1.0%
65.4%	52.1	52.5	0.5	0.9%
66.7%	52.0	52.5	0.5	0.9%
67.9%	52.0	52.5	0.5	1.0%
69.1%	51.8	52.5	0.7	1.3%
70.4%	51.6	52.5	0.8	1.6%
71.6%	51.6	52.5	0.9	1.7%
72.8%	51.5	52.4	0.9	1.7%
74.1%	51.4	52.4	0.9	1.8%
75.3%	51.4	52.2	0.8	1.5%
76.5%	51.4	52.2	0.8	1.5%
77.8%	51.3	52.1	0.7	1.4%
79.0%	51.3	51.7	0.5	0.9%
80.2%	51.2	51.6	0.5	0.9%
81.5%	51.2	51.6	0.5	0.9%
82.7%	51.2	51.6	0.5	0.9%
84.0%	51.1	51.3	0.2	0.3%
85.2%	51.0	51.2	0.2	0.4%
86.4%	50.9	51.1	0.2	0.4%
87.7%	50.6	51.1	0.4	0.8%
88.9%	50.3	51.1	0.7	1.5%
90.1%	50.3	51.0	0.7	1.5%
91.4%	50.2	51.0	0.8	1.6%
92.6%	50.1	50.8	0.7	1.3%
93.8%	50.1	50.8	0.7	1.3%
95.1%	50.1	50.3	0.2	0.3%
96.3%	50.1	50.1	0.0	0.1%
97.5%	50.0	50.1	0.1	0.2%
98.8%	49.8	49.7	-0.1	-0.2%
100.0%	48.5	48.4	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	58.7	58.6	-0.2	-0.3%
1.2%	58.5	58.5	0.0	-0.1%
2.5%	58.4	58.1	-0.4	-0.6%
3.7%	58.0	57.8	-0.2	-0.4%
4.9%	57.8	57.6	-0.2	-0.3%
6.2%	57.7	57.4	-0.3	-0.6%
7.4%	57.2	57.2	0.0	0.0%
8.6%	57.1	56.8	-0.2	-0.4%
9.9%	56.9	56.7	-0.3	-0.5%
11.1%	56.9	56.5	-0.4	-0.7%
12.3%	56.9	56.5	-0.4	-0.7%
13.6%	56.9	56.5	-0.4	-0.7%
14.8%	56.8	56.4	-0.4	-0.7%
16.0%	56.7	56.3	-0.4	-0.8%
17.3%	56.6	56.1	-0.4	-0.8%
18.5%	56.4	56.1	-0.3	-0.6%
19.8%	56.3	56.1	-0.2	-0.4%
21.0%	56.3	56.1	-0.2	-0.3%
22.2%	56.2	56.1	-0.2	-0.3%
23.5%	56.2	56.0	-0.2	-0.4%
24.7%	56.2	55.9	-0.3	-0.5%
25.9%	56.1	55.9	-0.2	-0.4%
27.2%	56.1	55.9	-0.2	-0.3%
28.4%	56.1	55.9	-0.2	-0.3%
29.6%	56.0	55.9	-0.1	-0.2%
30.9%	55.9	55.8	-0.2	-0.3%
32.1%	55.6	55.8	0.2	0.3%
33.3%	55.6	55.7	0.1	0.2%
34.6%	55.5	55.7	0.2	0.4%
35.8%	55.4	55.7	0.3	0.5%
37.0%	55.4	55.6	0.2	0.4%
38.3%	55.3	55.4	0.1	0.3%
39.5%	55.2	55.4	0.2	0.4%
40.7%	55.1	55.4	0.3	0.6%
42.0%	55.1	55.4	0.3	0.6%
43.2%	55.1	55.4	0.3	0.6%
44.4%	55.1	55.2	0.1	0.2%
45.7%	55.0	55.2	0.2	0.3%
46.9%	55.0	55.0	0.0	0.1%
48.1%	55.0	55.0	0.1	0.1%
49.4%	54.9	55.0	0.1	0.1%
50.6%	54.9	55.0	0.0	0.1%
51.9%	54.9	54.9	0.0	0.1%
53.1%	54.8	54.9	0.1	0.1%
54.3%	54.8	54.8	0.1	0.1%
55.6%	54.7	54.8	0.0	0.0%
56.8%	54.4	54.7	0.2	0.5%
58.0%	54.4	54.6	0.3	0.5%
59.3%	54.3	54.6	0.2	0.4%
60.5%	54.3	54.5	0.2	0.4%
61.7%	54.3	54.5	0.2	0.4%
63.0%	54.2	54.4	0.2	0.3%
64.2%	54.2	54.4	0.1	0.3%
65.4%	54.2	54.3	0.1	0.2%
66.7%	54.2	54.3	0.1	0.2%
67.9%	54.1	54.2	0.2	0.3%
69.1%	54.0	54.2	0.3	0.5%
70.4%	54.0	54.2	0.3	0.5%
71.6%	53.8	54.2	0.4	0.7%
72.8%	53.8	54.0	0.2	0.5%
74.1%	53.8	54.0	0.2	0.3%
75.3%	53.7	53.9	0.2	0.3%
76.5%	53.7	53.9	0.2	0.4%
77.8%	53.4	53.9	0.5	1.0%
79.0%	53.4	53.9	0.5	1.0%
80.2%	53.3	53.8	0.4	0.8%
81.5%	53.2	53.8	0.5	1.0%
82.7%	53.2	53.7	0.4	0.8%
84.0%	53.1	53.6	0.5	0.9%
85.2%	53.1	53.4	0.3	0.6%
86.4%	53.1	53.4	0.3	0.5%
87.7%	53.1	53.3	0.2	0.4%
88.9%	53.0	53.2	0.2	0.3%
90.1%	53.0	53.1	0.1	0.3%
91.4%	53.0	53.1	0.1	0.2%
92.6%	52.8	53.0	0.2	0.4%
93.8%	52.7	52.9	0.2	0.4%
95.1%	52.7	52.7	0.0	0.0%
96.3%	52.5	52.7	0.2	0.4%
97.5%	52.3	52.4	0.1	0.1%
98.8%	52.1	52.0	0.0	-0.1%
100.0%	52.0	51.8	-0.1	-0.3%

Table SQ-04-5b

Sacramento River at Jellys Ferry, Monthly Temperature

Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative B Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	59.3	58.9	-0.4	-0.7%
1.2%	59.1	58.4	-0.7	-1.2%
2.5%	57.8	57.8	0.0	0.0%
3.7%	57.5	57.7	0.2	0.3%
4.9%	57.4	57.4	0.0	0.0%
6.2%	56.8	56.9	0.1	0.2%
7.4%	56.8	56.7	-0.1	-0.2%
8.6%	56.7	56.7	0.0	0.0%
9.9%	56.5	56.7	0.2	0.3%
11.1%	56.5	56.5	0.1	0.2%
12.3%	56.1	56.5	0.4	0.7%
13.6%	56.0	56.2	0.2	0.3%
14.8%	55.9	56.0	0.1	0.2%
16.0%	55.9	55.9	0.1	0.1%
17.3%	55.8	55.8	0.0	0.0%
18.5%	55.7	55.6	-0.1	-0.2%
19.8%	55.7	55.6	-0.1	-0.2%
21.0%	55.6	55.5	-0.1	-0.1%
22.2%	55.6	55.5	-0.1	-0.2%
23.5%	55.5	55.3	-0.2	-0.3%
24.7%	55.4	55.3	-0.1	-0.2%
25.9%	55.4	55.3	-0.1	-0.3%
27.2%	55.4	55.2	-0.2	-0.3%
28.4%	55.3	55.2	-0.1	-0.1%
29.6%	55.3	55.2	-0.1	-0.1%
30.9%	55.3	55.2	-0.1	-0.2%
32.1%	55.1	55.1	0.0	0.1%
33.3%	55.1	55.1	0.0	0.1%
34.6%	55.1	55.1	0.1	0.1%
35.8%	55.0	55.1	0.1	0.1%
37.0%	55.0	55.1	0.1	0.1%
38.3%	55.0	54.9	0.0	-0.1%
39.5%	55.0	54.9	0.0	-0.1%
40.7%	55.0	54.9	-0.1	-0.1%
42.0%	55.0	54.9	0.0	-0.1%
43.2%	54.9	54.9	-0.1	-0.1%
44.4%	54.8	54.9	0.0	0.0%
45.7%	54.8	54.8	0.0	0.0%
46.9%	54.8	54.8	0.0	0.0%
48.1%	54.8	54.8	0.0	0.0%
49.4%	54.7	54.8	0.1	0.3%
50.6%	54.7	54.7	0.1	0.1%
51.9%	54.6	54.7	0.0	0.1%
53.1%	54.6	54.7	0.0	0.1%
54.3%	54.6	54.6	0.0	0.0%
55.6%	54.6	54.6	0.0	0.0%
56.8%	54.6	54.6	0.0	0.0%
58.0%	54.6	54.6	0.0	0.0%
59.3%	54.5	54.5	0.0	0.0%
60.5%	54.5	54.5	0.0	0.0%
61.7%	54.4	54.4	0.0	-0.1%
63.0%	54.4	54.3	-0.1	-0.1%
64.2%	54.4	54.3	-0.1	-0.1%
65.4%	54.4	54.3	0.0	-0.1%
66.7%	54.3	54.3	0.1	0.1%
67.9%	54.2	54.3	0.1	0.2%
69.1%	54.0	54.3	0.2	0.4%
70.4%	54.0	54.3	0.2	0.4%
71.6%	54.0	54.3	0.3	0.5%
72.8%	54.0	54.2	0.2	0.4%
74.1%	54.0	54.1	0.1	0.2%
75.3%	53.9	54.1	0.2	0.3%
76.5%	53.9	54.0	0.1	0.3%
77.8%	53.9	54.0	0.1	0.2%
79.0%	53.9	53.9	0.1	0.1%
80.2%	53.8	53.9	0.1	0.1%
81.5%	53.8	53.9	0.1	0.1%
82.7%	53.8	53.9	0.1	0.1%
84.0%	53.7	53.7	0.0	0.0%
85.2%	53.7	53.7	0.0	0.0%
86.4%	53.6	53.6	0.0	0.0%
87.7%	53.6	53.6	0.0	0.0%
88.9%	53.5	53.6	0.0	0.0%
90.1%	53.4	53.6	0.1	0.3%
91.4%	53.2	53.5	0.3	0.5%
92.6%	53.2	53.3	0.2	0.3%
93.8%	53.0	53.3	0.3	0.5%
95.1%	53.0	53.2	0.2	0.4%
96.3%	52.9	53.1	0.1	0.3%
97.5%	52.7	53.0	0.3	0.5%
98.8%	52.6	52.7	0.1	0.2%
100.0%	52.4	52.1	-0.3	-0.7%

July

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative B Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	62.0	60.3	-1.7	-2.7%
1.2%	59.9	60.0	0.1	0.2%
2.5%	59.6	59.4	-0.2	-0.3%
3.7%	59.5	59.2	-0.2	-0.4%
4.9%	59.2	59.0	-0.2	-0.4%
6.2%	59.2	58.5	-0.7	-1.2%
7.4%	59.0	58.3	-0.7	-1.2%
8.6%	58.9	58.3	-0.6	-1.1%
9.9%	57.9	57.7	-0.2	-0.4%
11.1%	57.7	57.7	-0.1	-0.2%
12.3%	57.6	57.4	-0.1	-0.2%
13.6%	57.4	57.2	-0.1	-0.2%
14.8%	57.2	57.0	-0.2	-0.4%
16.0%	56.8	56.8	0.0	0.0%
17.3%	56.7	56.5	-0.2	-0.4%
18.5%	56.5	56.5	0.0	-0.1%
19.8%	56.5	56.2	-0.3	-0.6%
21.0%	56.2	56.1	-0.1	-0.2%
22.2%	56.1	56.1	0.0	0.0%
23.5%	56.0	56.1	0.1	0.1%
24.7%	56.0	56.1	0.1	0.1%
25.9%	56.0	56.0	0.0	0.0%
27.2%	55.9	55.9	0.0	0.0%
28.4%	55.9	55.9	0.0	-0.1%
29.6%	55.9	55.8	0.0	-0.1%
30.9%	55.9	55.8	-0.1	-0.1%
32.1%	55.9	55.8	-0.1	-0.1%
33.3%	55.9	55.7	-0.1	-0.2%
34.6%	55.8	55.7	-0.2	-0.3%
35.8%	55.7	55.6	-0.1	-0.2%
37.0%	55.7	55.5	-0.2	-0.3%
38.3%	55.6	55.5	-0.2	-0.3%
39.5%	55.5	55.4	-0.1	-0.2%
40.7%	55.5	55.4	-0.1	-0.2%
42.0%	55.5	55.4	-0.1	-0.2%
43.2%	55.4	55.3	-0.1	-0.1%
44.4%	55.4	55.2	-0.1	-0.2%
45.7%	55.2	55.2	0.0	0.0%
46.9%	55.2	55.2	0.0	0.0%
48.1%	55.2	55.1	-0.1	-0.1%
49.4%	55.1	55.1	0.0	0.0%
50.6%	55.0	55.0	0.0	0.1%
51.9%	54.8	55.0	0.2	0.3%
53.1%	54.7	54.9	0.2	0.4%
54.3%	54.7	54.9	0.1	0.2%
55.6%	54.7	54.8	0.1	0.2%
56.8%	54.7	54.8	0.1	0.2%
58.0%	54.6	54.7	0.1	0.2%
59.3%	54.6	54.7	0.1	0.2%
60.5%	54.6	54.7	0.1	0.2%
61.7%	54.6	54.6	0.0	0.0%
63.0%	54.5	54.5	0.0	0.0%
64.2%	54.5	54.5	0.0	-0.1%
65.4%	54.4	54.5	0.1	0.1%
66.7%	54.4	54.5	0.1	0.1%
67.9%	54.4	54.5	0.1	0.1%
69.1%	54.4	54.4	0.1	0.1%
70.4%	54.4	54.4	0.1	0.1%
71.6%	54.4	54.4	0.1	0.1%
72.8%	54.4	54.3	0.0	0.0%
74.1%	54.3	54.3	0.0	0.1%
75.3%	54.2	54.3	0.1	0.1%
76.5%	54.2	54.3	0.1	0.2%
77.8%	54.2	54.3	0.1	0.2%
79.0%	54.2	54.3	0.1	0.2%
80.2%	54.2	54.2	0.1	0.1%
81.5%	54.2	54.2	0.1	0.1%
82.7%	54.1	54.2	0.1	0.3%
84.0%	54.1	54.1	0.0	0.1%
85.2%	54.0	54.1	0.0	0.0%
86.4%	54.0	54.0	0.0	-0.1%
87.7%	54.0	54.0	0.0	-0.1%
88.9%	53.9	53.9	0.1	0.1%
90.1%	53.9	53.8	0.0	-0.1%
91.4%	53.9	53.8	0.0	-0.1%
92.6%	53.8	53.8	0.0	0.0%
93.8%	53.7	53.5	-0.2	-0.4%
95.1%	53.4	53.4	0.0	0.0%
96.3%	53.4	53.3	0.0	-0.1%
97.5%	53.2	53.1	-0.1	-0.2%
98.8%	53.2	53.1	-0.1	-0.2%
100.0%	53.1	53.1	-0.1	-0.1%

August

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative B Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	66.5	66.0	-0.5	-0.8%
1.2%	65.9	63.6	-2.3	-3.5%
2.5%	65.0	61.2	-3.9	-5.9%
3.7%	63.7	60.4	-3.3	-5.2%
4.9%	61.0	59.3	-1.7	-2.7%
6.2%	60.0	58.9	-1.1	-1.8%
7.4%	59.9	58.8	-1.0	-1.7%
8.6%	58.8	57.9	-0.9	-1.5%
9.9%	58.3	57.9	-0.5	-0.8%
11.1%	58.1	57.5	-0.6	-1.0%
12.3%	58.1	57.5	-0.6	-1.0%
13.6%	58.0	57.5	-0.5	-0.9%
14.8%	57.7	57.4	-0.3	-0.5%
16.0%	57.4	57.4	0.0	-0.1%
17.3%	57.2	57.3	0.0	0.1%
18.5%	57.0	57.2	0.1	0.3%
19.8%	57.0	57.0	0.0	0.1%
21.0%	56.9	57.0	0.1	0.2%
22.2%	56.9	57.0	0.1	0.2%
23.5%	56.9	56.9	0.0	0.0%
24.7%	56.9	56.9	0.0	0.0%
25.9%	56.7	56.9	0.1	0.2%
27.2%	56.7	56.8	0.1	0.2%
28.4%	56.6	56.8	0.2	0.3%
29.6%	56.6	56.4	-0.2	-0.4%
30.9%	56.6	56.3	-0.3	-0.6%
32.1%	56.6	56.3	-0.3	-0.5%
33.3%	56.6	56.2	-0.3	-0.6%
34.6%	56.5	56.2	-0.3	-0.6%
35.8%	56.5	56.2	-0.3	-0.6%
37.0%	56.4	56.1	-0.3	-0.6%
38.3%	56.4	56.1	-0.3	-0.6%
39.5%	56.2	56.1	-0.2	-0.3%
40.7%	56.1	56.0	-0.1	-0.2%
42.0%	56.1	56.0	-0.1	-0.2%
43.2%	56.1	56.0	-0.1	-0.2%
44.4%	56.1	55.9	-0.1	-0.3%
45.7%	56.1	55.9	-0.1	-0.2%
46.9%	56.1	55.9	-0.2	-0.3%
48.1%	56.0	55.8	-0.2	-0.3%
49.4%	56.0	55.8	-0.2	-0.3%
50.6%	55.9	55.8	0.0	-0.1%
51.9%	55.8	55.8	-0.1	-0.1%
53.1%	55.8	55.7	0.0	-0.1%
54.3%	55.8	55.7	-0.1	-0.1%
55.6%	55.8	55.7	-0.1	-0.1%
56.8%	55.7	55.6	-0.1	-0.2%
58.0%	55.6	55.6	0.0	0.0%
59.3%	55.6	55.6	0.0	0.0%
60.5%	55.6	55.5	0.0	-0.1%
61.7%	55.6	55.5	0.0	-0.1%
63.0%	55.6	55.5	-0.1	-0.2%
64.2%	55.5	55.5	-0.1	-0.1%
65.4%	55.5	55.5	-0.1	-0.1%
66.7%	55.5	55.5	0.0	-0.1%
67.9%	55.5	55.4	0.0	-0.1%
69.1%	55.5	55.4	0.0	-0.1%
70.4%	55.4	55.4	0.0	0.0%
71.6%	55.4	55.4	0.0	0.0%
72.8%	55.4	55.4	0.0	0.0%
74.1%	55.4	55.4	0.0	0.0%
75.3%	55.4	55.3	-0.1	-0.1%
76.5%	55.4	55.3	-0.1	-0.1%
77.8%	55.3	55.3	0.0	0.0%
79.0%	55.3	55.2	0.0	-0.1%
80.2%	55.3	55.2	0.0	-0.1%
81.5%	55.2	55.1	-0.1	-0.1%
82.7%	55.1	55.1	0.0	0.1%
84.0%	55.0	55.1	0.1	0.2%
85.2%	55.0	55.0	0.1	0.1%
86.4%	54.9	55.0	0.1	0.2%
87.7%	54.7	54.9	0.2	0.4%
88.9%	54.7	54.9	0.2	0.4%
90.1%	54.7	54.9	0.2	0.4%
91.4%	54.7	54.8	0.1	0.3%
92.6%	54.6	54.8	0.2	0.3%
93.8%	54.4	54.6	0.2	0.4%
95.1%	54.2	54.4	0.2	0.3%
96.3%	54.2	54.2	0.0	0.1%
97.5%	53.9	54.0	0.1	0.1%
98.8%	53.7	53.9	0.2	0.4%
100.0%	53.5	53.6	0.1	0.3%

September

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative B Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	66.8	66.6	-0.1	-0.2%
1.2%	65.1	63.8	-1.3	-1.9%
2.5%	65.0	63.7	-1.2	-1.9%
3.7%	64.8	63.7	-1.2	-1.8%
4.9%	64.0	63.5	-0.5	-0.8%
6.2%	63.9	63.4	-0.5	-0.8%
7.4%	63.9	62.2	-1.7	-2.6%
8.6%	61.9	60.6	-1.3	-2.1%
9.9%	61.2	60.3	-0.9	-1.4%
11.1%	60.2	59.7	-0.5	-0.8%
12.3%	59.8	59.7	-0.1	-0.2%
13.6%	59.8	59.2	-0.6	-1.0%
14.8%	59.8	58.9	-0.9	-1.4%
16.0%	59.7	58.9	-0.8	-1.3%
17.3%	59.3	58.8	-0.4	-0.7%
18.5%	59.1	58.5	-0.7	-1.1%
19.8%	59.1	58.1	-1.0	-1.7%
21.0%	58.9	58.1	-0.8	-1.3%
22.2%	58.8	58.0	-0.8	-1.4%
23.5%	58.6	58.0	-0.6	-1.1%
24.7%	58.1	57.8	-0.4	-0.6%
25.9%	58.1	57.7	-0.4	-0.7%
27.2%	58.0	57.6	-0.4	-0.7%
28.4%	58.0	57.4	-0.6	-1.1%
29.6%	57.8	57.3	-0.6	-1.0%
30.9%	57.8	57.2	-0.6	-1.0%
32.1%	57.8	57.2	-0.5	-1.0%
33.3%	57.6	57.2	-0.4	-0.7%
34.6%	57.6	57.2	-0.4	-0.7%
35.8%	57.4	57.1	-0.3	-0.5%
37.0%	57.4	57.1	-0.2	-0.4%
38.3%	57.3	57.1	-0.2	-0.4%
39.5%	57.3	57.0	-0.3	-0.5%
40.7%	57.3	56.9	-0.4	-0.7%
42.0%	57.3	56.9	-0.4	-0.7%
43.2%	57.2	56.6	-0.6	-1.0%
44.4%	57.1	56.5	-0.6	-1.1%
45.7%	57.1	56.5	-0.6	-1.0%
46.9%	57.1	56.5	-0.6	-1.1%
48.1%	57.0	56.5	-0.5	-0.9%
49.4%	57.0	56.4	-0.6	-1.0%
50.6%	57.0	56.4	-0.6	-1.1%
51.9%	56.9	56.3	-0.7	-1.2%
53.1%	56.8	56.3	-0.5	-0.8%
54.3%	56.7	56.3	-0.4	-0.7%
55.6%	56.6	56.3	-0.4	-0.6%
56.8%	56.4	56.1	-0.3	-0.5%
58.0%	56.4	56.1	-0.3	-0.5%
59.3%	56.3	56.1	-0.2	-0.3%
60.5%	56.2	56.0	-0.2	-0.4%
61.7%	56.2	56.0	-0.2	-0.3%
63.0%	56.1	55.9	-0.2	-0.3%
64.2%	56.0	55.8	-0.1	-0.2%
65.4%	56.0	55.8	-0.2	-0.3%
66.7%	55.8	55.8	0.0	-0.1%
67.9%	55.8	55.6	-0.2	-0.3%
69.1%	55.6	55.6	-0.1	-0.2%
70.4%	55.6	55.5	-0.1	-0.2%
71.6%	55.6	55.4	-0.2	-0.3%
72.8%	55.6	55.3	-0.2	-0.4%
74.1%	55.5	55.3	-0.2	-0.4%
75.3%	55.5	55.3	-0.2	-0.4%
76.5%	55.4	55.2	-0.1	-0.3%
77.8%	55.3	55.2	-0.1	-0.2%
79.0%	55.3	55.2	-0.1	-0.1%
80.2%	55.3	55.2	-0.1	-0.1%
81.5%	55.0	55.2	0.1	0.2%
82.7%	55.0	55.1	0.1	0.2%
84.0%	55.0	55.1	0.1	0.1%
85.2%	55.0	55.1	0.1	0.1%
86.4%	55.0	55.0	0.0	0.0%
87.7%	54.9	55.0	0.0	0.1%
88.9%	54.8	54.7	-0.1	-0.2%
90.1%	54.8	54.6	-0.2	-0.3%
91.4%	54.6	54.5	-0.1	-0.2%
92.6%	54.5	54.4	-0.1	-0.2%
93.8%	54.5	54.3	-0.1	-0.3%
95.1%	54.4	54.1	-0.3	-0.5%
96.3%	54.1	53.7	-0.4	-0.7%
97.5%	54.0	53.1	-1.0	-1.8%
98.8%	52.8	53.0	0.2	0.4%
100.0%	52.7	53.0	0.3	0.5%

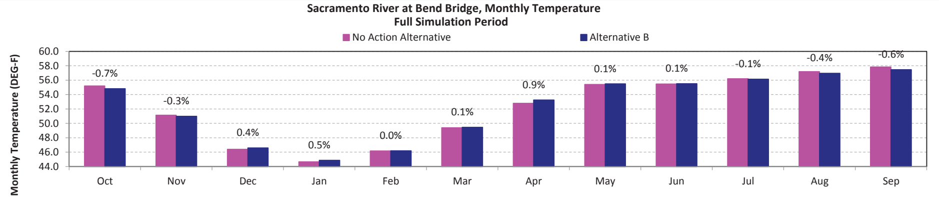
Table SQ-05-5a
Sacramento River at Bend Bridge, Monthly Temperature
Long-term Average and Average by Water Year Type

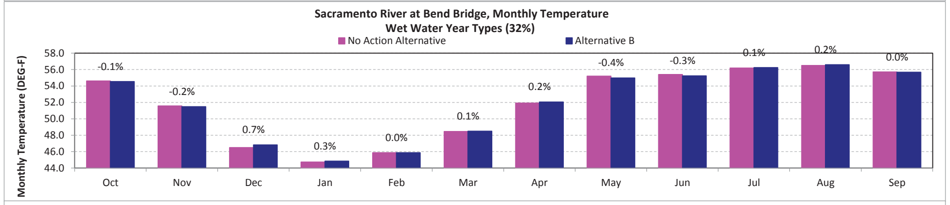
	Monthly Temperature (DEG-F)											
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period[1]												
No Action Alternative	55.2	51.1	46.4	44.7	46.2	49.4	52.8	55.4	55.5	56.2	57.2	57.8
Alternative B	54.8	51.0	46.6	44.9	46.2	49.5	53.3	55.5	55.5	56.1	57.0	57.5
Difference	-0.4	-0.2	0.2	0.2	0.0	0.1	0.5	0.1	0.0	-0.1	-0.2	-0.4
Percent Difference[3]	-0.7%	-0.3%	0.4%	0.5%	0.0%	0.1%	0.9%	0.1%	0.1%	-0.1%	-0.4%	-0.6%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	54.6	51.6	46.5	44.7	45.9	48.5	51.9	55.2	55.4	56.2	56.5	55.7
Alternative B	54.5	51.5	46.8	44.8	45.9	48.5	52.0	55.0	55.2	56.2	56.6	55.7
Difference	-0.1	-0.1	0.3	0.1	0.0	0.0	0.1	-0.2	-0.2	0.1	0.1	0.0
Percent Difference	-0.1%	-0.2%	0.7%	0.3%	0.0%	0.1%	0.2%	-0.4%	-0.3%	0.1%	0.2%	0.0%
Above Normal (15%)												
No Action Alternative	54.2	50.9	46.9	44.9	46.2	49.6	53.2	56.0	54.7	55.1	56.6	56.8
Alternative B	54.0	50.9	47.2	45.1	46.3	49.6	53.6	55.7	54.8	55.1	56.6	56.8
Difference	-0.2	0.0	0.4	0.2	0.0	0.0	0.3	-0.3	0.1	0.0	0.0	0.0
Percent Difference	-0.3%	0.0%	0.8%	0.4%	0.0%	0.1%	0.6%	-0.5%	0.2%	0.0%	0.0%	0.0%
Below Normal (17%)												
No Action Alternative	53.9	50.6	46.7	44.5	45.8	49.3	53.3	55.5	55.0	55.5	56.2	57.6
Alternative B	53.6	50.5	46.8	44.7	45.8	49.4	53.8	55.6	55.1	55.5	56.1	57.1
Difference	-0.3	-0.1	0.1	0.2	0.0	0.0	0.6	0.2	0.0	0.0	-0.1	-0.5
Percent Difference	-0.5%	-0.1%	0.2%	0.4%	0.0%	0.1%	1.1%	0.3%	0.1%	0.1%	-0.2%	-0.9%
Dry (22%)												
No Action Alternative	55.5	51.2	46.3	44.6	46.3	50.1	53.3	55.0	55.5	55.7	57.0	58.8
Alternative B	54.9	50.9	46.3	45.0	46.3	50.2	54.0	55.3	55.7	55.7	56.7	58.2
Difference	-0.6	-0.3	0.0	0.4	0.0	0.1	0.7	0.3	0.2	0.0	-0.3	-0.6
Percent Difference	-1.0%	-0.6%	0.0%	0.9%	0.0%	0.2%	1.3%	0.6%	0.5%	-0.1%	-0.6%	-1.1%
Critical (15%)												
No Action Alternative	58.6	51.0	45.5	44.6	46.9	50.3	52.9	55.8	56.9	59.0	60.6	62.3
Alternative B	57.6	50.6	45.6	44.8	47.0	50.5	53.8	56.4	57.0	58.4	59.5	61.4
Difference	-1.0	-0.4	0.1	0.2	0.1	0.1	0.8	0.6	0.1	-0.5	-1.1	-0.9
Percent Difference	-1.7%	-0.7%	0.2%	0.4%	0.2%	0.2%	1.5%	1.1%	0.1%	-0.9%	-1.8%	-1.5%

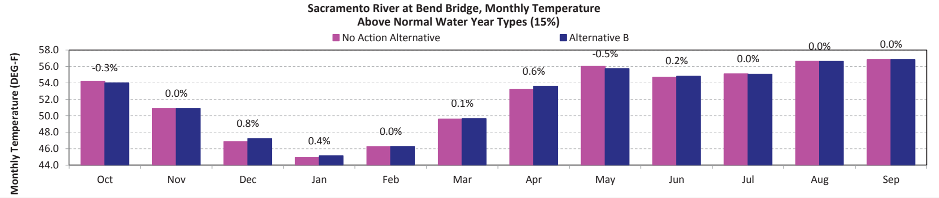
1 Based on the 82-year simulation period

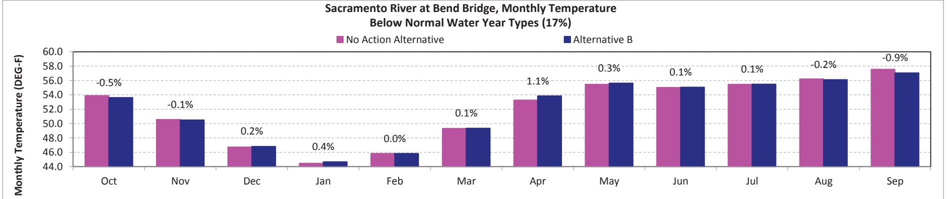
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

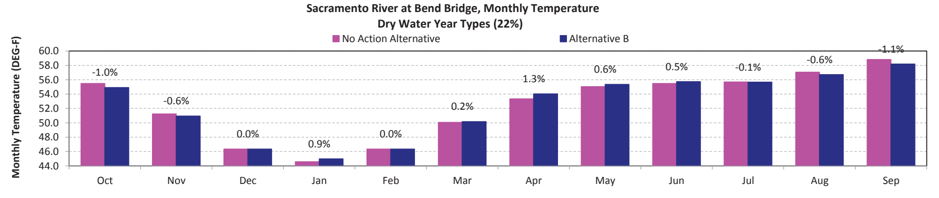
3 Relative difference of the monthly average


Sacramento River at Bend Bridge, Monthly Temperature
Full Simulation Period


Sacramento River at Bend Bridge, Monthly Temperature
Wet Water Year Types (32%)


Sacramento River at Bend Bridge, Monthly Temperature
Above Normal Water Year Types (15%)


Sacramento River at Bend Bridge, Monthly Temperature
Below Normal Water Year Types (17%)


Sacramento River at Bend Bridge, Monthly Temperature
Dry Water Year Types (22%)

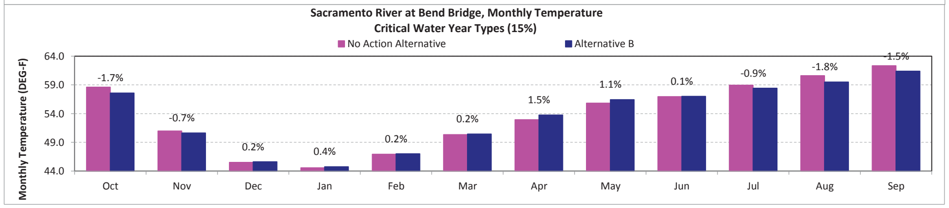

Sacramento River at Bend Bridge, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-05-5b
Sacramento River at Bend Bridge, Monthly Temperature
Probability of Exceedance

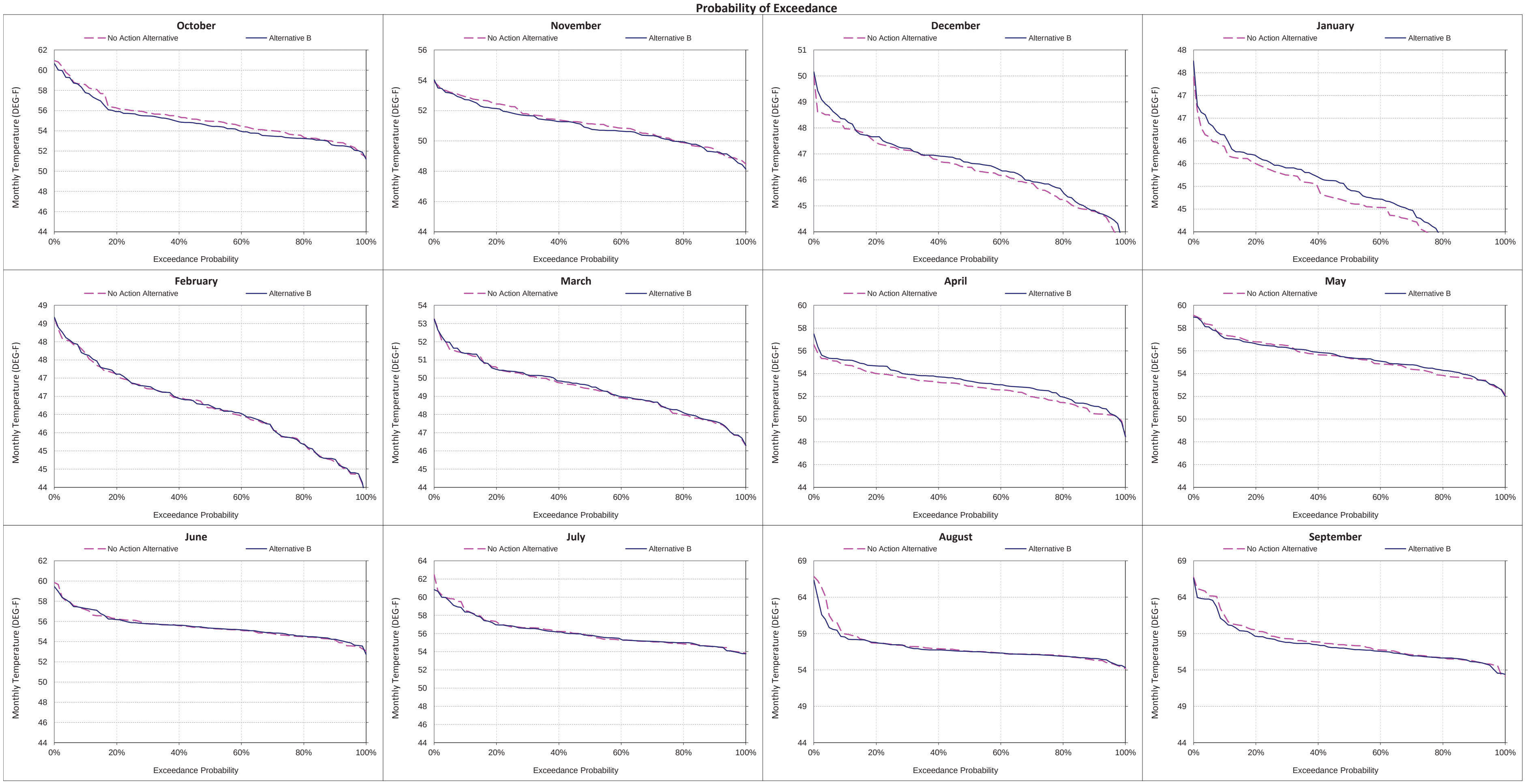


Table SQ-05-5b

Sacramento River at Bend Bridge, Monthly Temperature

Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative B Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	60.9	60.7	-0.3	-0.5%
1.2%	60.8	60.0	-0.8	-1.3%
2.5%	60.4	60.0	-0.4	-0.7%
3.7%	59.8	59.3	-0.5	-0.8%
4.9%	59.5	59.3	-0.2	-0.3%
6.2%	58.8	58.7	-0.1	-0.1%
7.4%	58.7	58.7	0.0	0.0%
8.6%	58.6	58.3	-0.3	-0.5%
9.9%	58.6	57.8	-0.8	-1.4%
11.1%	58.2	57.7	-0.6	-1.0%
12.3%	58.1	57.3	-0.8	-1.4%
13.6%	58.1	57.1	-1.0	-1.7%
14.8%	57.7	57.0	-0.7	-1.2%
16.0%	57.7	56.5	-1.2	-2.0%
17.3%	56.4	56.1	-0.3	-0.6%
18.5%	56.3	56.0	-0.3	-0.6%
19.8%	56.3	55.9	-0.4	-0.7%
21.0%	56.2	55.9	-0.3	-0.4%
22.2%	56.1	55.7	-0.4	-0.7%
23.5%	56.1	55.7	-0.4	-0.6%
24.7%	56.0	55.7	-0.3	-0.5%
25.9%	56.0	55.7	-0.3	-0.6%
27.2%	55.9	55.6	-0.4	-0.7%
28.4%	55.9	55.5	-0.4	-0.7%
29.6%	55.8	55.5	-0.3	-0.6%
30.9%	55.8	55.5	-0.3	-0.5%
32.1%	55.7	55.4	-0.2	-0.4%
33.3%	55.7	55.3	-0.3	-0.6%
34.6%	55.6	55.3	-0.4	-0.7%
35.8%	55.6	55.2	-0.4	-0.7%
37.0%	55.5	55.1	-0.4	-0.6%
38.3%	55.5	55.0	-0.5	-0.8%
39.5%	55.4	54.9	-0.5	-0.9%
40.7%	55.3	54.9	-0.5	-0.8%
42.0%	55.3	54.8	-0.5	-0.9%
43.2%	55.2	54.8	-0.4	-0.6%
44.4%	55.2	54.8	-0.3	-0.6%
45.7%	55.2	54.7	-0.4	-0.8%
46.9%	55.0	54.7	-0.3	-0.6%
48.1%	55.0	54.6	-0.4	-0.7%
49.4%	55.0	54.5	-0.4	-0.8%
50.6%	54.9	54.5	-0.5	-0.9%
51.9%	54.9	54.4	-0.5	-0.9%
53.1%	54.9	54.4	-0.5	-0.9%
54.3%	54.8	54.4	-0.5	-0.9%
55.6%	54.7	54.2	-0.5	-0.9%
56.8%	54.7	54.2	-0.5	-0.9%
58.0%	54.6	54.2	-0.5	-0.8%
59.3%	54.5	54.0	-0.5	-0.9%
60.5%	54.4	53.9	-0.5	-0.9%
61.7%	54.4	53.9	-0.5	-0.9%
63.0%	54.3	53.8	-0.5	-0.9%
64.2%	54.1	53.8	-0.4	-0.7%
65.4%	54.1	53.8	-0.4	-0.7%
66.7%	54.1	53.5	-0.6	-1.1%
67.9%	54.1	53.5	-0.5	-1.0%
69.1%	54.0	53.5	-0.5	-1.0%
70.4%	54.0	53.5	-0.5	-1.0%
71.6%	54.0	53.4	-0.5	-1.0%
72.8%	53.9	53.4	-0.5	-0.8%
74.1%	53.8	53.3	-0.5	-0.9%
75.3%	53.7	53.3	-0.4	-0.7%
76.5%	53.6	53.3	-0.3	-0.6%
77.8%	53.6	53.2	-0.3	-0.6%
79.0%	53.6	53.2	-0.3	-0.6%
80.2%	53.3	53.2	-0.1	-0.2%
81.5%	53.3	53.2	-0.1	-0.2%
82.7%	53.3	53.2	-0.1	-0.1%
84.0%	53.3	53.1	-0.2	-0.3%
85.2%	53.1	53.1	-0.1	-0.1%
86.4%	53.1	53.1	0.0	-0.1%
87.7%	53.0	53.0	0.0	-0.1%
88.9%	53.0	52.6	-0.4	-0.7%
90.1%	52.8	52.5	-0.3	-0.6%
91.4%	52.8	52.5	-0.3	-0.6%
92.6%	52.8	52.5	-0.3	-0.6%
93.8%	52.6	52.5	-0.2	-0.3%
95.1%	52.5	52.4	-0.1	-0.2%
96.3%	52.3	52.1	-0.3	-0.5%
97.5%	52.0	52.0	0.0	0.1%
98.8%	51.6	51.9	0.2	0.4%
100.0%	51.4	51.2	0.0	-0.4%

November

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative B Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	53.9	54.0	0.1	0.2%
1.2%	53.7	53.5	-0.2	-0.3%
2.5%	53.4	53.5	0.1	0.2%
3.7%	53.3	53.2	-0.1	-0.2%
4.9%	53.2	53.2	-0.1	-0.1%
6.2%	53.1	53.1	0.0	-0.1%
7.4%	53.1	52.9	-0.2	-0.3%
8.6%	53.0	52.9	-0.1	-0.3%
9.9%	52.9	52.7	-0.2	-0.4%
11.1%	52.9	52.7	-0.2	-0.3%
12.3%	52.8	52.6	-0.2	-0.3%
13.6%	52.7	52.5	-0.2	-0.4%
14.8%	52.7	52.3	-0.4	-0.8%
16.0%	52.7	52.2	-0.4	-0.9%
17.3%	52.6	52.2	-0.4	-0.8%
18.5%	52.5	52.2	-0.4	-0.7%
19.8%	52.4	52.1	-0.3	-0.6%
21.0%	52.4	52.1	-0.3	-0.6%
22.2%	52.4	52.0	-0.4	-0.8%
23.5%	52.3	51.9	-0.4	-0.8%
24.7%	52.3	51.8	-0.4	-0.8%
25.9%	52.3	51.8	-0.5	-0.9%
27.2%	52.0	51.7	-0.3	-0.6%
28.4%	51.8	51.7	-0.1	-0.2%
29.6%	51.8	51.7	-0.1	-0.2%
30.9%	51.7	51.7	-0.1	-0.1%
32.1%	51.7	51.7	-0.1	-0.1%
33.3%	51.7	51.5	-0.2	-0.4%
34.6%	51.6	51.4	-0.2	-0.4%
35.8%	51.5	51.4	-0.1	-0.1%
37.0%	51.5	51.4	-0.1	-0.2%
38.3%	51.4	51.3	-0.1	-0.2%
39.5%	51.4	51.3	-0.1	-0.2%
40.7%	51.4	51.3	-0.1	-0.2%
42.0%	51.3	51.3	-0.1	-0.1%
43.2%	51.3	51.3	0.0	0.0%
44.4%	51.3	51.2	0.0	-0.1%
45.7%	51.3	51.2	-0.1	-0.2%
46.9%	51.2	51.1	-0.1	-0.3%
48.1%	51.2	50.9	-0.3	-0.5%
49.4%	51.1	50.9	-0.3	-0.5%
50.6%	51.1	50.7	-0.4	-0.7%
51.9%	51.1	50.7	-0.4	-0.7%
53.1%	51.1	50.7	-0.4	-0.8%
54.3%	51.1	50.7	-0.4	-0.8%
55.6%	51.0	50.7	-0.3	-0.6%
56.8%	50.9	50.7	-0.3	-0.5%
58.0%	50.9	50.7	-0.2	-0.4%
59.3%	50.9	50.7	-0.2	-0.4%
60.5%	50.8	50.6	-0.2	-0.4%
61.7%	50.8	50.6	-0.2	-0.4%
63.0%	50.8	50.6	-0.2	-0.4%
64.2%	50.7	50.6	-0.1	-0.3%
65.4%	50.6	50.5	-0.1	-0.2%
66.7%	50.5	50.4	-0.1	-0.3%
67.9%	50.5	50.4	-0.1	-0.3%
69.1%	50.4	50.3	-0.1	-0.2%
70.4%	50.4	50.3	-0.1	-0.2%
71.6%	50.3	50.3	0.0	0.0%
72.8%	50.3	50.2	-0.1	-0.2%
74.1%	50.2	50.1	-0.1	-0.2%
75.3%	50.2	50.1	-0.1	-0.2%
76.5%	50.0	50.0	-0.1	-0.1%
77.8%	50.0	50.0	0.0	-0.1%
79.0%	49.9	50.0	0.0	0.1%
80.2%	49.9	49.9	0.1	0.1%
81.5%	49.8	49.8	0.0	0.0%
82.7%	49.7	49.8	0.1	0.2%
84.0%	49.7	49.8	0.1	0.2%
85.2%	49.6	49.7	0.0	0.1%
86.4%	49.6	49.5	-0.1	-0.1%
87.7%	49.6	49.3	-0.3	-0.6%
88.9%	49.5	49.3	-0.2	-0.5%
90.1%	49.4	49.3	-0.2	-0.3%
91.4%	49.2	49.3	0.1	0.2%
92.6%	49.1	49.1	0.0	0.0%
93.8%	48.9	49.1	0.2	0.4%
95.1%	48.9	49.0	0.1	0.2%
96.3%	48.9	48.8	-0.1	-0.2%
97.5%	48.8	48.6	-0.2	-0.4%
98.8%	48.7	48.4	-0.2	-0.5%
100.0%	48.5	48.1	-0.3	-0.7%

December

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative B Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	50.0	50.2	0.2	0.3%
1.2%	48.6	49.4	0.8	1.7%
2.5%	48.6	49.1	0.5	1.0%
3.7%	48.5	48.9	0.4	0.9%
4.9%	48.5	48.8	0.3	0.6%
6.2%	48.3	48.6	0.4	0.8%
7.4%	48.2	48.5	0.3	0.6%
8.6%	48.2	48.4	0.1	0.3%
9.9%	48.0	48.3	0.4	0.8%
11.1%	48.0	48.2	0.2	0.5%
12.3%	47.9	48.2	0.2	0.4%
13.6%	47.9	47.9	0.0	-0.1%
14.8%	47.9	47.8	-0.1	-0.2%
16.0%	47.8	47.7	-0.1	-0.2%
17.3%	47.7	47.7	0.0	0.0%
18.5%	47.6	47.7	0.1	0.2%
19.8%	47.5	47.7	0.2	0.4%
21.0%	47.4	47.7	0.3	0.6%
22.2%	47.3	47.5	0.2	0.3%
23.5%	47.3	47.4	0.1	0.2%
24.7%	47.3	47.4	0.1	0.3%
25.9%	47.3	47.3	0.1	0.2%
27.2%	47.2	47.3	0.1	0.2%
28.4%	47.2	47.2	0.1	0.2%
29.6%	47.1	47.2	0.1	0.2%
30.9%	47.1	47.2	0.1	0.1%
32.1%	47.1	47.1	0.0	0.0%
33.3%	47.1	47.1	0.0	0.0%
34.6%	47.0	47.0	0.0	0.0%
35.8%	46.9	47.0	0.0	0.0%
37.0%	46.9	46.9	0.0	0.0%
38.3%	46.8	46.9	0.1	0.3%
39.5%	46.8	46.9	0.1	0.3%
40.7%	46.7	46.9	0.2	0.5%
42.0%	46.7	46.9	0.2	0.5%
43.2%	46.7	46.9	0.2	0.5%
44.4%	46.6	46.9	0.2	0.5%
45.7%	46.6	46.8	0.2	0.5%
46.9%	46.5	46.8	0.3	0.6%
48.1%	46.5	46.7	0.2	0.4%
49.4%	46.5	46.7	0.2	0.4%
50.6%	46.5	46.6	0.1	0.3%
51.9%	46.3	46.6	0.3	0.6%
53.1%	46.3	46.6	0.3	0.6%
54.3%	46.3	46.6	0.3	0.6%
55.6%	46.3	46.6	0.3	0.6%
56.8%	46.3	46.5	0.3	0.6%
58.0%	46.3	46.5	0.2	0.5%
59.3%	46.2	46.4	0.2	0.5%
60.5%	46.2	46.3	0.2	0.4%
61.7%	46.2	46.3	0.2	0.4%
63.0%	46.1	46.3	0.2	0.5%
64.2%	46.0	46.3	0.2	0.5%
65.4%	45.9	46.2	0.3	0.6%
66.7%	45.9	46.1	0.2	0.4%
67.9%	45.9	46.0	0.1	0.2%
69.1%	45.9	46.0	0.1	0.2%
70.4%	45.9	45.9	0.1	0.1%
71.6%	45.7	45.9	0.2	0.5%
72.8%	45.6	45.9	0.3	0.6%
74.1%	45.6	45.8	0.2	0.5%
75.3%	45.5	45.8	0.3	0.7%
76.5%	45.4	45.8	0.3	0.8%
77.8%	45.4	45.7	0.3	0.8%
79.0%	45.2	45.7	0.4	0.9%
80.2%	45.2	45.5	0.2	0.5%
81.5%	45.2	45.3	0.2	0.4%
82.7%	45.0	45.3	0.3	0.6%
84.0%	45.0	45.2	0.2	0.5%
85.2%	44.9	45.1	0.2	0.4%
86.4%	44.9	45.0	0.1	0.3%
87.7%	44.9	44.9	0.0	0.1%
88.9%	44.8	44.8	0.0	0.1%
90.1%	44.8	44.8	0.0	0.1%
91.4%	44.7	44.7	0.0	-0.1%
92.6%	44.7	44.7	0.0	0.0%
93.8%	44.6	44.6	0.1	0.1%
95.1%	44.3	44.5	0.2	0.5%
96.3%	44.0	44.4	0.4	1.0%
97.5%	43.8	44.3	0.5	1.1%
98.8%	43.8	43.7	-0.1	-0.2%
100.0%	42.6	42.9	0.4	0.8%

January

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative B Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	47.4	47.8	0.3	0.7%
1.2%	46.7	46.8	0.1	0.2%
2.5%	46.3	46.6	0.3	0.7%
3.7%	46.1	46.6	0.4	0.9%
4.9%	46.1	46.4	0.3	0.6%
6.2%	46.0	46.3	0.3	0.7%
7.4%	46.0	46.2	0.2	0.5%
8.6%	45.9	46.1	0.2	0.5%
9.9%	45.9	46.1	0.2	0.5%
11.1%	45.7	46.0	0.3	0.7%
12.3%	45.6	45.8	0.2	0.4%
13.6%	45.6	45.8	0.1	0.3%
14.8%	45.6	45.8	0.1	0.3%
16.0%	45.6	45.7	0.1	0.3%
17.3%	45.6	45.7	0.1	0.2%
18.5%	45.5	45.7	0.2	0.3%
19.8%	45.5	45.7	0.2	0.4%
21.0%	45.5	45.6	0.2	0.4%
22.2%	45.4	45.6	0.1	0.3%
23.5%	45.4	45.6	0.2	0.4%
24.7%	45.4	45.5	0.2	0.4%
25.9%	45.3	45.5	0.1	0.3%
27.2%	45.3	45.5	0.2	0.3%
28.4%	45.3	45.4	0.2	0.4%
29.6%	45.3	45.4	0.2	0.3%
30.9%	45.2	45.4	0.2	0.4%
32.1%	45.2	45.4	0.2	0.4%
33.3%	45.2	45.4	0.2	0.3%
34.6%	45.1	45.4	0.3	0.6%
35.8%	45.1	45.3	0.2	0.5%
37.0%	45.1	45.3	0.2	0.5%
38.3%	45.1	45.3	0.2	0.4%
39.5%	45.0	45.2	0.2	0.4%
40.7%	44.8	45.2	0.3	0.8%
42.0%	44.8	45.1	0.3	0.8%
43.2%	44.8	45.1	0.4	0.8%
44.4%	44.8	45.1	0.4	0.8%
45.7%	44.7	45.1	0.4	0.9%
46.9%	44.7	45.1	0.4	0.8%
48.1%	44.7	45.1	0.4	0.8%
49.4%	44.7	45.0	0.3	0.6%
50.6%	44.6	44.9	0.3	0.6%
51.9%	44.6	44.9	0.3	0.6%
53.1%	44.6	44.9	0.3	0.6%
54.3%	44.6	44.8	0.2	0.4%
55.6%	44.6	44.8	0.2	0.5%
56.8%	44.5	44.8	0.2	0.5%
58.0%	44.5	44.7	0.2	0.4%
59.3%	44.5	44.7	0.2	0.4%
60.5%	44.5	44.7	0.2	0.4%
61.7%	44.5	44.7	0.1	0.3%
63.0%	44.4	44.7	0.3	0.7%
64.2%	44.4	44.6	0.3	0.6%
65.4%	44.3	44.6	0.2	0.5%
66.7%	44.3	44.5	0.2	0.5%
67.9%	44.3	44.5	0.2	0.5%
69.1%	44.3	44.5	0.2	0.5%
70.4%	44.2	44.5	0.2	0.5%
71.6%	44.2	44.3	0.1	0.2%
72.8%	44.1	44.3	0.2	0.5%
74.1%	44.0	44.2	0.2	0.5%
75.3%	44.0	44.2	0.2	0.5%
76.5%	44.0	44.1	0.2	0.4%
77.8%	43.9	44.1	0.2	0.5%
79.0%	43.8	43.9	0.1	0.2%
80.2%	43.7	43.9	0.2	0.5%
81.5%	43.6	43.8	0.2	0.4%
82.7%	43.6	43.8	0.2	0.4%
84.0%	43.5	43.7	0.1	0.3%
85.2%	43.5	43.6	0.1	0.3%
86.4%	43.5	43.6	0.2	0.4%
87.7%	43.5	43.6	0.2	0.4%
88.9%	43.4	43.6	0.1	0.3%
90.1%	43.4	43.5	0.1	0.2%
91.4%	43.4	43.5	0.1	0.3%
92.6%	43.3	43.4	0.1	0.3%
93.8%	43.3	43.4	0.2	0.4%
95.1%	43.2	43.4	0.1	0.3%
96.3%	42.8	43.0	0.2	0.5%
97.5%	42.7	42.8	0.1	0.3%
98.8%	42.6	42.8	0.2	0.5%
100.0%	42.2	42.6	0.4	1.0%

Table SQ-05-5b

Sacramento River at Bend Bridge, Monthly Temperature
Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	48.7	48.7	0.0	0.0%
1.2%	48.4	48.4	0.0	0.1%
2.5%	48.1	48.3	0.2	0.3%
3.7%	48.0	48.1	0.1	0.2%
4.9%	48.0	48.0	0.0	0.1%
6.2%	47.9	48.0	0.0	0.1%
7.4%	47.9	47.9	0.0	0.1%
8.6%	47.8	47.7	-0.1	-0.2%
9.9%	47.7	47.7	0.0	-0.1%
11.1%	47.5	47.6	0.1	0.2%
12.3%	47.4	47.5	0.1	0.2%
13.6%	47.4	47.5	0.1	0.3%
14.8%	47.3	47.3	0.0	0.0%
16.0%	47.2	47.3	0.1	0.1%
17.3%	47.2	47.2	0.1	0.1%
18.5%	47.2	47.2	0.1	0.1%
19.8%	47.1	47.1	0.0	0.0%
21.0%	47.0	47.1	0.1	0.2%
22.2%	47.0	47.0	0.1	0.1%
23.5%	47.0	47.0	0.0	0.0%
24.7%	46.9	46.9	0.0	0.0%
25.9%	46.8	46.8	0.0	0.0%
27.2%	46.8	46.8	0.0	-0.1%
28.4%	46.8	46.8	0.0	0.1%
29.6%	46.7	46.8	0.1	0.1%
30.9%	46.7	46.8	0.1	0.1%
32.1%	46.7	46.7	0.0	0.0%
33.3%	46.6	46.6	0.0	0.0%
34.6%	46.6	46.6	0.0	0.0%
35.8%	46.6	46.6	0.0	0.0%
37.0%	46.5	46.6	0.1	0.1%
38.3%	46.5	46.5	0.0	0.1%
39.5%	46.5	46.5	0.0	0.0%
40.7%	46.5	46.4	0.0	-0.1%
42.0%	46.4	46.4	0.0	0.0%
43.2%	46.4	46.4	0.0	0.0%
44.4%	46.4	46.4	0.0	0.0%
45.7%	46.4	46.3	-0.1	-0.2%
46.9%	46.4	46.3	-0.1	-0.2%
48.1%	46.2	46.3	0.0	0.1%
49.4%	46.2	46.3	0.1	0.2%
50.6%	46.2	46.2	0.0	0.1%
51.9%	46.1	46.2	0.0	0.0%
53.1%	46.1	46.2	0.0	0.1%
54.3%	46.1	46.1	0.0	0.0%
55.6%	46.1	46.1	0.0	0.0%
56.8%	46.0	46.1	0.1	0.1%
58.0%	46.0	46.1	0.1	0.1%
59.3%	46.0	46.0	0.1	0.1%
60.5%	45.9	46.0	0.1	0.1%
61.7%	45.9	45.9	0.0	0.0%
63.0%	45.9	45.9	0.1	0.1%
64.2%	45.8	45.9	0.1	0.1%
65.4%	45.8	45.9	0.0	0.0%
66.7%	45.8	45.8	0.0	0.1%
67.9%	45.8	45.7	0.0	-0.1%
69.1%	45.7	45.7	0.0	0.0%
70.4%	45.6	45.6	0.0	0.0%
71.6%	45.5	45.5	0.0	-0.1%
72.8%	45.4	45.4	0.0	0.0%
74.1%	45.4	45.4	0.0	0.0%
75.3%	45.4	45.4	0.0	0.0%
76.5%	45.4	45.4	0.0	0.0%
77.8%	45.3	45.3	0.0	-0.1%
79.0%	45.2	45.2	0.0	0.0%
80.2%	45.2	45.2	0.0	0.0%
81.5%	45.1	45.1	0.0	0.1%
82.7%	45.0	45.1	0.0	0.1%
84.0%	44.9	44.9	0.0	0.0%
85.2%	44.9	44.8	0.0	0.0%
86.4%	44.8	44.8	0.0	0.0%
87.7%	44.8	44.8	0.0	0.0%
88.9%	44.8	44.8	0.0	0.1%
90.1%	44.7	44.8	0.1	0.2%
91.4%	44.6	44.6	0.0	-0.1%
92.6%	44.5	44.6	0.0	0.1%
93.8%	44.5	44.5	0.0	0.0%
95.1%	44.4	44.4	0.0	0.1%
96.3%	44.4	44.4	0.0	0.1%
97.5%	44.3	44.4	0.0	0.1%
98.8%	44.1	44.1	0.0	0.0%
100.0%	43.6	43.6	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.2	53.2	0.0	0.0%
1.2%	52.7	52.6	-0.1	-0.1%
2.5%	52.1	52.3	0.2	0.4%
3.7%	52.0	52.0	0.0	0.0%
4.9%	51.6	52.0	0.4	0.7%
6.2%	51.5	51.7	0.1	0.2%
7.4%	51.5	51.6	0.2	0.4%
8.6%	51.4	51.4	0.0	0.0%
9.9%	51.3	51.4	0.0	0.0%
11.1%	51.3	51.4	0.1	0.1%
12.3%	51.2	51.3	0.1	0.2%
13.6%	51.2	51.3	0.1	0.2%
14.8%	51.2	51.0	-0.2	-0.3%
16.0%	50.8	50.8	0.0	0.1%
17.3%	50.8	50.8	0.0	0.0%
18.5%	50.6	50.6	-0.1	-0.1%
19.8%	50.6	50.5	-0.1	-0.2%
21.0%	50.5	50.4	0.0	-0.1%
22.2%	50.4	50.4	0.0	0.1%
23.5%	50.4	50.4	0.0	0.1%
24.7%	50.3	50.4	0.0	0.1%
25.9%	50.3	50.4	0.1	0.1%
27.2%	50.3	50.3	0.0	0.1%
28.4%	50.2	50.3	0.1	0.2%
29.6%	50.2	50.2	0.0	0.0%
30.9%	50.1	50.2	0.1	0.1%
32.1%	50.1	50.1	0.1	0.1%
33.3%	50.0	50.1	0.1	0.3%
34.6%	50.0	50.1	0.1	0.3%
35.8%	50.0	50.1	0.1	0.2%
37.0%	49.9	50.1	0.2	0.4%
38.3%	49.9	50.0	0.1	0.3%
39.5%	49.8	49.9	0.1	0.2%
40.7%	49.7	49.8	0.1	0.2%
42.0%	49.7	49.8	0.1	0.2%
43.2%	49.7	49.8	0.1	0.2%
44.4%	49.6	49.7	0.1	0.1%
45.7%	49.6	49.7	0.1	0.2%
46.9%	49.5	49.7	0.2	0.3%
48.1%	49.5	49.7	0.2	0.4%
49.4%	49.4	49.6	0.2	0.4%
50.6%	49.4	49.5	0.1	0.3%
51.9%	49.4	49.5	0.2	0.3%
53.1%	49.3	49.4	0.1	0.2%
54.3%	49.3	49.3	0.0	0.0%
55.6%	49.3	49.3	0.0	0.0%
56.8%	49.2	49.1	0.0	-0.1%
58.0%	49.0	49.1	0.1	0.1%
59.3%	48.9	49.0	0.1	0.2%
60.5%	48.9	49.0	0.0	0.1%
61.7%	48.9	48.9	0.1	0.2%
63.0%	48.9	48.9	0.1	0.1%
64.2%	48.9	48.9	0.0	0.0%
65.4%	48.8	48.8	0.0	0.0%
66.7%	48.8	48.8	0.0	0.0%
67.9%	48.7	48.8	0.0	0.0%
69.1%	48.7	48.8	0.0	0.0%
70.4%	48.7	48.7	0.0	0.0%
71.6%	48.7	48.7	0.0	0.0%
72.8%	48.4	48.5	0.1	0.1%
74.1%	48.4	48.4	0.0	-0.1%
75.3%	48.3	48.3	0.0	0.0%
76.5%	48.1	48.3	0.2	0.4%
77.8%	48.1	48.3	0.2	0.4%
79.0%	48.0	48.2	0.2	0.4%
80.2%	48.0	48.1	0.1	0.2%
81.5%	47.9	48.0	0.1	0.1%
82.7%	47.8	48.0	0.1	0.3%
84.0%	47.8	47.9	0.1	0.3%
85.2%	47.8	47.8	0.0	0.0%
86.4%	47.7	47.7	0.0	0.1%
87.7%	47.7	47.7	0.0	0.1%
88.9%	47.6	47.7	0.0	0.1%
90.1%	47.5	47.6	0.1	0.2%
91.4%	47.5	47.6	0.1	0.1%
92.6%	47.4	47.4	0.0	0.0%
93.8%	47.3	47.3	0.0	0.0%
95.1%	47.0	47.0	0.0	0.0%
96.3%	46.9	46.9	0.0	0.0%
97.5%	46.8	46.9	0.0	0.0%
98.8%	46.6	46.7	0.1	0.2%
100.0%	46.3	46.3	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.5	57.5	1.0	1.7%
1.2%	55.8	56.4	0.6	1.0%
2.5%	55.3	55.6	0.3	0.5%
3.7%	55.3	55.5	0.2	0.3%
4.9%	55.2	55.3	0.1	0.2%
6.2%	55.1	55.3	0.2	0.4%
7.4%	55.1	55.3	0.2	0.4%
8.6%	54.9	55.2	0.3	0.6%
9.9%	54.8	55.2	0.4	0.8%
11.1%	54.7	55.2	0.5	0.8%
12.3%	54.7	55.2	0.5	0.8%
13.6%	54.5	55.0	0.5	1.0%
14.8%	54.4	54.9	0.5	0.8%
16.0%	54.3	54.9	0.6	1.1%
17.3%	54.1	54.7	0.6	1.1%
18.5%	54.1	54.7	0.6	1.1%
19.8%	54.0	54.7	0.7	1.3%
21.0%	54.0	54.7	0.7	1.3%
22.2%	53.9	54.7	0.7	1.3%
23.5%	53.9	54.6	0.7	1.3%
24.7%	53.9	54.3	0.4	0.8%
25.9%	53.8	54.3	0.4	0.8%
27.2%	53.7	54.2	0.5	0.9%
28.4%	53.7	54.0	0.3	0.6%
29.6%	53.6	53.9	0.3	0.6%
30.9%	53.6	53.9	0.4	0.7%
32.1%	53.5	53.9	0.4	0.7%
33.3%	53.4	53.8	0.4	0.8%
34.6%	53.4	53.8	0.4	0.8%
35.8%	53.4	53.8	0.4	0.8%
37.0%	53.3	53.8	0.5	0.9%
38.3%	53.3	53.8	0.5	0.9%
39.5%	53.3	53.7	0.5	0.9%
40.7%	53.2	53.7	0.5	0.9%
42.0%	53.2	53.7	0.5	0.9%
43.2%	53.2	53.6	0.5	0.9%
44.4%	53.2	53.6	0.5	0.9%
45.7%	53.1	53.5	0.4	0.8%
46.9%	53.1	53.5	0.5	0.9%
48.1%	53.0	53.4	0.4	0.8%
49.4%	52.9	53.4	0.5	0.9%
50.6%	52.9	53.3	0.4	0.8%
51.9%	52.8	53.2	0.4	0.8%
53.1%	52.8	53.2	0.4	0.8%
54.3%	52.8	53.1	0.4	0.7%
55.6%	52.7	53.1	0.4	0.8%
56.8%	52.6	53.1	0.5	0.9%
58.0%	52.6	53.0	0.4	0.8%
59.3%	52.6	53.0	0.5	0.9%
60.5%	52.6	53.0	0.5	0.9%
61.7%	52.5	52.9	0.4	0.7%
63.0%	52.5	52.9	0.4	0.7%
64.2%	52.4	52.9	0.4	0.9%
65.4%	52.4	52.8	0.5	0.9%
66.7%	52.4	52.8	0.5	0.9%
67.9%	52.2	52.8	0.6	1.1%
69.1%	52.0	52.8	0.8	1.5%
70.4%	52.0	52.7	0.7	1.4%
71.6%	51.9	52.6	0.7	1.3%
72.8%	51.8	52.5	0.7	1.3%
74.1%	51.8	52.5	0.7	1.3%
75.3%	51.7	52.5	0.8	1.6%
76.5%	51.6	52.3	0.7	1.3%
77.8%	51.6	52.3	0.7	1.3%
79.0%	51.5	52.0	0.5	1.0%
80.2%	51.5	51.9	0.5	0.9%
81.5%	51.4	51.8	0.4	0.8%
82.7%	51.3	51.7	0.4	0.7%
84.0%	51.2	51.4	0.2	0.4%
85.2%	51.0	51.4	0.4	0.7%
86.4%	51.0	51.4	0.4	0.7%
87.7%	50.9	51.3	0.4	0.8%
88.9%	50.5	51.2	0.7	1.4%
90.1%	50.5	51.1	0.7	1.3%
91.4%	50.4	51.1	0.7	1.3%
92.6%	50.4	50.9	0.5	1.0%
93.8%	50.4	50.9	0.5	1.0%
95.1%	50.4	50.5	0.1	0.3%
96.3%	50.3	50.4	0.0	0.0%
97.5%	50.2	50.1	-0.1	-0.1%
98.8%	49.8	49.7	-0.1	-0.2%
100.0%	48.5	48.5	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.1	59.0	-0.2	-0.3%
1.2%	59.0	58.9	0.0	-0.1%
2.5%	58.8	58.6	-0.2	-0.3%
3.7%	58.4	58.1	-0.2	-0.4%
4.9%	58.3	58.1	-0.2	-0.4%
6.2%	58.3	57.8	-0.4	-0.7%
7.4%	57.7	57.7	0.0	0.0%
8.6%	57.5	57.4	-0.2	-0.3%
9.9%	57.4	57.1	-0.3	-0.5%
11.1%	57.3	57.1	-0.3	-0.4%
12.3%	57.3	57.0	-0.2	-0.4%
13.6%	57.2	57.0	-0.2	-0.4%
14.8%	57.2	57.0	-0.2	-0.3%
16.0%	57.0	56.8	-0.2	-0.4%
17.3%	56.9	56.8	-0.1	-0.3%
18.5%	56.9	56.7	-0.1	-0.3%
19.8%	56.8	56.7	-0.1	-0.2%
21.0%	56.8	56.6	-0.2	-0.4%
22.2%	56.8	56.5	-0.2	-0.4%
23.5%	56.6	56.5	-0.2	-0.3%
24.7%	56.6	56.4	-0.2	-0.3%
25.9%	56.5	56.4	-0.1	-0.2%
27.2%	56.5	56.3	-0.2	-0.4%
28.4%	56.5	56.3	-0.2	-0.4%
29.6%	56.5	56.3	-0.2	-0.3%
30.9%	56.4	56.2	-0.2	-0.4%
32.1%	56.2	56.2	0.0	-0.1%
33.3%	56.0	56.1	0.2	0.3%
34.6%	55.9	56.1	0.3	0.5%
35.8%	55.8	56.1	0.3	0.5%
37.0%	55.8	56.0	0.2	0.4%
38.3%	55.7	55.9	0.2	0.3%
39.5%	55.7	55.9	0.2	0.4%
40.7%	55.6	55.9	0.2	0.4%
42.0%	55.6	55.8	0.2	0.4%
43.2%	55.6	55.8	0.2	0.3%
44.4%	55.6	55.7	0.1	0.3%
45.7%	55.6	55.7	0.1	0.2%
46.9%	55.5	55.5	0.0	-0.1%
48.1%	55.4	55.5	0.0	0.1%
49.4%	55.4	55.4	0.0	0.0%
50.6%	55.3	55.4	0.1	0.1%
51.9%	55.3	55.3	0.0	0.1%
53.1%	55.3	55.3	0.1	0.1%
54.3%	55.2	55.3	0.1	0.2%
55.6%	55.2	55.3	0.1	0.2%
56.8%	55.1	55.3	0.2	0.3%
58.0%	54.9	55.2	0.3	0.5%
59.3%	54.9	55.1	0.2	0.5%
60.5%	54.8	55.1	0.2	0.4%
61.7%	54.8	55.0	0.2	0.4%
63.0%	54.8	54.9	0.1	0.1%
64.2%	54.8	54.9	0.1	0.2%
65.4%	54.7	54.9	0.1	0.2%
66.7%	54.7	54.8	0.1	0.2%
67.9%	54.6	54.8	0.2	0.4%
69.1%	54.4	54.8	0.4	0.7%
70.4%	54.4	54.8	0.4	0.7%
71.6%	54.3	54.7	0.4	0.7%
72.8%	54.3	54.6	0.3	0.6%
74.1%	54.3	54.5	0.3	0.5%
75.3%	54.2	54.5	0.3	0.5%
76.5%	54.1	54.5	0.4	0.7%
77.8%	53.9	54.4	0.5	0.9%
79.0%	53.9	54.3	0.5	0.9%
80.2%	53.8	54.3	0.5	0.9%
81.5%	53.8	54.2	0.5	0.9%
82.7%	53.7	54.2	0.5	0.9%
84.0%	53.7	54.1	0.5	0.8%
85.2%	53.7	54.1	0.4	0.8%
86.4%	53.7	54.0	0.3	0.5%
87.7%	53.6	53.9	0.3	0.6%
88.9%	53.6	53.8	0.2	0.5%
90.1%	53.5	53.7	0.2	0.4%
91.4%	53.4	53.5	0.0	0.0%
92.6%	53.4	53.4	0.0	0.0%
93.8%	53.4	53.3	-0.1	-0.1%
95.1%	53.1	53.1	0.0	0.0%
96.3%	52.9	53.0	0.1	0.2%
97.5%	52.7	52.8	0.1	0.1%
98.8%	52.6	52.6	0.0	-0.1%
100.0%	52.1	52.0	-0.1	-0.2%

Table SQ-05-5b

Sacramento River at Bend Bridge, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.9	59.4	-0.4	-0.7%
1.2%	59.7	59.0	-0.7	-1.2%
2.5%	58.4	58.4	0.0	-0.1%
3.7%	58.0	58.2	0.1	0.2%
4.9%	57.9	57.9	0.0	0.0%
6.2%	57.6	57.5	-0.1	-0.2%
7.4%	57.5	57.5	0.0	0.0%
8.6%	57.3	57.4	0.1	0.1%
9.9%	57.2	57.3	0.1	0.2%
11.1%	57.0	57.2	0.2	0.4%
12.3%	56.6	57.2	0.5	0.9%
13.6%	56.6	57.1	0.5	1.0%
14.8%	56.6	56.8	0.2	0.4%
16.0%	56.5	56.6	0.1	0.1%
17.3%	56.5	56.2	-0.2	-0.4%
18.5%	56.3	56.2	-0.1	-0.2%
19.8%	56.3	56.2	-0.1	-0.2%
21.0%	56.2	56.2	0.0	-0.1%
22.2%	56.2	56.1	-0.1	-0.2%
23.5%	56.1	55.9	-0.2	-0.3%
24.7%	56.1	55.9	-0.2	-0.4%
25.9%	56.1	55.9	-0.2	-0.4%
27.2%	56.0	55.8	-0.2	-0.3%
28.4%	55.9	55.8	-0.1	-0.1%
29.6%	55.8	55.8	0.0	0.0%
30.9%	55.8	55.8	0.0	0.0%
32.1%	55.8	55.7	0.0	0.0%
33.3%	55.7	55.7	0.0	0.1%
34.6%	55.7	55.7	0.0	0.0%
35.8%	55.7	55.7	0.0	0.0%
37.0%	55.7	55.7	0.0	0.0%
38.3%	55.7	55.6	0.0	0.0%
39.5%	55.6	55.6	0.0	0.0%
40.7%	55.6	55.6	0.0	0.1%
42.0%	55.5	55.6	0.1	0.1%
43.2%	55.5	55.6	0.0	0.1%
44.4%	55.4	55.5	0.1	0.1%
45.7%	55.4	55.5	0.0	0.1%
46.9%	55.4	55.5	0.1	0.1%
48.1%	55.4	55.4	0.0	0.0%
49.4%	55.3	55.4	0.0	0.0%
50.6%	55.3	55.3	0.0	0.0%
51.9%	55.3	55.3	0.0	0.1%
53.1%	55.3	55.3	0.0	0.0%
54.3%	55.2	55.3	0.0	0.1%
55.6%	55.2	55.2	0.0	0.0%
56.8%	55.2	55.2	0.0	0.1%
58.0%	55.2	55.2	0.0	0.1%
59.3%	55.1	55.2	0.0	0.1%
60.5%	55.1	55.2	0.1	0.1%
61.7%	55.1	55.1	0.0	0.1%
63.0%	55.0	55.1	0.0	0.1%
64.2%	55.0	55.1	0.1	0.1%
65.4%	54.9	55.0	0.2	0.3%
66.7%	54.8	54.9	0.1	0.2%
67.9%	54.8	54.9	0.1	0.1%
69.1%	54.8	54.9	0.1	0.1%
70.4%	54.8	54.9	0.1	0.1%
71.6%	54.7	54.8	0.2	0.3%
72.8%	54.7	54.8	0.2	0.3%
74.1%	54.6	54.8	0.1	0.3%
75.3%	54.6	54.7	0.1	0.2%
76.5%	54.6	54.7	0.1	0.2%
77.8%	54.5	54.6	0.0	0.1%
79.0%	54.5	54.6	0.1	0.1%
80.2%	54.5	54.5	0.1	0.1%
81.5%	54.4	54.5	0.1	0.1%
82.7%	54.4	54.5	0.0	0.1%
84.0%	54.4	54.5	0.1	0.1%
85.2%	54.3	54.4	0.1	0.1%
86.4%	54.3	54.4	0.1	0.2%
87.7%	54.3	54.4	0.1	0.2%
88.9%	54.2	54.2	0.0	0.0%
90.1%	54.1	54.2	0.1	0.1%
91.4%	53.9	54.1	0.2	0.4%
92.6%	53.9	54.0	0.2	0.3%
93.8%	53.6	53.9	0.4	0.7%
95.1%	53.6	53.9	0.3	0.5%
96.3%	53.5	53.6	0.1	0.2%
97.5%	53.5	53.6	0.1	0.1%
98.8%	53.3	53.6	0.3	0.5%
100.0%	53.1	52.7	-0.3	-0.6%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	62.5	60.8	-1.6	-2.6%
1.2%	60.7	60.7	0.0	0.0%
2.5%	60.2	60.0	-0.2	-0.4%
3.7%	60.0	60.0	0.0	0.0%
4.9%	59.8	59.6	-0.3	-0.4%
6.2%	59.8	59.1	-0.7	-1.2%
7.4%	59.5	58.9	-0.6	-1.0%
8.6%	59.5	58.9	-0.6	-1.1%
9.9%	58.5	58.4	-0.2	-0.3%
11.1%	58.4	58.4	-0.1	-0.1%
12.3%	58.2	58.2	0.0	0.1%
13.6%	58.1	57.9	-0.2	-0.3%
14.8%	57.9	57.8	-0.1	-0.2%
16.0%	57.5	57.4	0.0	-0.1%
17.3%	57.4	57.4	0.0	-0.1%
18.5%	57.4	57.2	-0.2	-0.3%
19.8%	57.3	57.0	-0.4	-0.6%
21.0%	57.1	57.0	-0.1	-0.2%
22.2%	56.9	57.0	0.0	0.0%
23.5%	56.9	56.9	0.0	0.0%
24.7%	56.7	56.9	0.1	0.2%
25.9%	56.7	56.8	0.0	0.1%
27.2%	56.7	56.6	-0.1	-0.2%
28.4%	56.6	56.6	0.0	-0.1%
29.6%	56.6	56.6	-0.1	-0.1%
30.9%	56.6	56.6	-0.1	-0.2%
32.1%	56.6	56.5	-0.1	-0.1%
33.3%	56.6	56.5	-0.1	-0.2%
34.6%	56.6	56.4	-0.2	-0.3%
35.8%	56.4	56.3	-0.1	-0.3%
37.0%	56.4	56.3	-0.2	-0.3%
38.3%	56.4	56.2	-0.1	-0.2%
39.5%	56.2	56.2	-0.1	-0.1%
40.7%	56.2	56.2	0.0	-0.1%
42.0%	56.2	56.1	-0.2	-0.3%
43.2%	56.2	56.0	-0.2	-0.3%
44.4%	56.0	56.0	0.0	-0.1%
45.7%	56.0	56.0	0.0	-0.1%
46.9%	56.0	56.0	0.0	0.0%
48.1%	55.9	55.8	-0.1	-0.1%
49.4%	55.8	55.8	0.1	0.1%
50.6%	55.7	55.8	0.1	0.1%
51.9%	55.6	55.7	0.2	0.3%
53.1%	55.5	55.7	0.2	0.3%
54.3%	55.4	55.6	0.2	0.3%
55.6%	55.4	55.5	0.2	0.3%
56.8%	55.4	55.5	0.2	0.3%
58.0%	55.4	55.5	0.2	0.3%
59.3%	55.3	55.5	0.2	0.3%
60.5%	55.3	55.3	0.0	0.0%
61.7%	55.3	55.3	0.0	0.0%
63.0%	55.3	55.3	0.0	0.0%
64.2%	55.2	55.2	0.0	-0.1%
65.4%	55.2	55.2	0.0	0.1%
66.7%	55.2	55.2	0.0	0.1%
67.9%	55.2	55.2	0.0	0.0%
69.1%	55.1	55.1	0.0	0.0%
70.4%	55.1	55.1	0.1	0.1%
71.6%	55.1	55.1	0.0	0.1%
72.8%	55.1	55.1	0.0	0.1%
74.1%	55.0	55.1	0.0	0.0%
75.3%	55.0	55.0	0.1	0.1%
76.5%	54.9	55.0	0.1	0.1%
77.8%	54.9	55.0	0.1	0.2%
79.0%	54.9	55.0	0.1	0.2%
80.2%	54.9	55.0	0.1	0.3%
81.5%	54.8	55.0	0.2	0.3%
82.7%	54.8	54.9	0.1	0.2%
84.0%	54.8	54.8	0.1	0.1%
85.2%	54.7	54.7	-0.1	-0.1%
86.4%	54.7	54.7	0.0	0.0%
87.7%	54.6	54.6	0.0	-0.1%
88.9%	54.6	54.6	0.0	0.0%
90.1%	54.5	54.6	0.1	0.1%
91.4%	54.5	54.5	0.0	0.0%
92.6%	54.5	54.5	0.0	0.0%
93.8%	54.5	54.1	-0.3	-0.6%
95.1%	54.1	54.1	0.0	0.0%
96.3%	54.0	54.0	0.0	-0.1%
97.5%	54.0	53.9	-0.1	-0.1%
98.8%	53.9	53.8	-0.1	-0.2%
100.0%	53.8	53.8	-0.1	-0.1%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.8	66.3	-0.5	-0.8%
1.2%	66.3	63.9	-2.3	-3.5%
2.5%	65.3	61.6	-3.7	-5.7%
3.7%	64.1	61.0	-3.2	-4.9%
4.9%	61.5	59.8	-1.7	-2.7%
6.2%	60.6	59.6	-1.1	-1.7%
7.4%	60.5	59.5	-1.0	-1.7%
8.6%	59.4	58.6	-0.8	-1.4%
9.9%	58.9	58.5	-0.4	-0.7%
11.1%	58.9	58.2	-0.7	-1.1%
12.3%	58.7	58.2	-0.5	-0.9%
13.6%	58.7	58.2	-0.5	-0.9%
14.8%	58.3	58.2	-0.1	-0.2%
16.0%	58.2	58.1	0.0	0.0%
17.3%	58.0	58.0	-0.1	-0.1%
18.5%	57.7	57.8	0.1	0.2%
19.8%	57.7	57.8	0.1	0.2%
21.0%	57.7	57.7	0.0	0.0%
22.2%	57.7	57.6	0.0	0.0%
23.5%	57.6	57.6	0.0	0.0%
24.7%	57.5	57.5	-0.1	-0.1%
25.9%	57.4	57.5	0.0	0.1%
27.2%	57.4	57.5	0.1	0.1%
28.4%	57.4	57.4	0.0	0.1%
29.6%	57.3	57.2	-0.2	-0.3%
30.9%	57.2	57.1	-0.2	-0.3%
32.1%	57.2	56.9	-0.3	-0.5%
33.3%	57.2	56.9	-0.3	-0.5%
34.6%	57.2	56.8	-0.3	-0.6%
35.8%	57.0	56.8	-0.2	-0.4%
37.0%	57.0	56.8	-0.2	-0.4%
38.3%	56.9	56.8	-0.2	-0.3%
39.5%	56.9	56.8	-0.2	-0.3%
40.7%	56.9	56.7	-0.2	-0.3%
42.0%	56.9	56.7	-0.1	-0.2%
43.2%	56.9	56.7	-0.2	-0.3%
44.4%	56.8	56.6	-0.2	-0.3%
45.7%	56.7	56.6	-0.1	-0.2%
46.9%	56.7	56.6	-0.1	-0.2%
48.1%	56.6	56.6	-0.1	-0.1%
49.4%	56.5	56.6	0.0	0.0%
50.6%	56.5	56.5	0.0	0.0%
51.9%	56.5	56.5	0.0	0.0%
53.1%	56.5	56.5	0.0	0.0%
54.3%	56.5	56.5	0.0	-0.1%
55.6%	56.5	56.4	0.0	0.0%
56.8%	56.4	56.4	-0.1	-0.1%
58.0%	56.4	56.3	0.0	-0.1%
59.3%	56.3	56.3	0.0	0.0%
60.5%	56.3	56.3	0.0	0.0%
61.7%	56.2	56.2	0.0	0.0%
63.0%	56.2	56.2	0.0	0.0%
64.2%	56.2	56.2	0.0	-0.1%
65.4%	56.2	56.2	0.0	0.0%
66.7%	56.2	56.1	0.0	-0.1%
67.9%	56.2	56.1	0.0	-0.1%
69.1%	56.2	56.1	0.0	-0.1%
70.4%	56.2	56.1	0.0	-0.1%
71.6%	56.1	56.1	0.0	0.0%
72.8%	56.1	56.1	0.0	-0.1%
74.1%	56.1	56.0	0.0	-0.1%
75.3%	56.1	56.0	-0.1	-0.1%
76.5%	56.1	56.0	-0.1	-0.1%
77.8%	56.0	55.9	-0.1	-0.2%
79.0%	56.0	55.9	-0.1	-0.1%
80.2%	55.9	55.9	0.0	-0.1%
81.5%	55.9	55.9	0.0	0.0%
82.7%	55.8	55.8	0.0	0.1%
84.0%	55.7	55.8	0.1	0.1%
85.2%	55.7	55.7	0.0	0.0%
86.4%	55.6	55.7	0.1	0.2%
87.7%	55.5	55.7	0.2	0.3%
88.9%	55.4	55.6	0.2	0.3%
90.1%	55.3	55.6	0.2	0.4%
91.4%	55.3	55.5	0.2	0.4%
92.6%	55.3	55.4	0.1	0.3%
93.8%	55.0	55.4	0.4	0.7%
95.1%	54.9	55.1	0.1	0.2%
96.3%	54.8	54.8	0.1	0.1%
97.5%	54.6	54.6	0.0	0.1%
98.8%	54.4	54.6	0.2	0.4%
100.0%	54.2	54.3	0.1	0.3%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.7	66.6	-0.1	-0.2%
1.2%	65.2	64.0	-1.2	-1.8%
2.5%	65.0	63.8	-1.2	-1.8%
3.7%	64.8	63.7	-1.1	-1.7%
4.9%	64.2	63.7	-0.4	-0.7%
6.2%	64.2	63.6	-0.6	-1.0%
7.4%	64.1	62.7	-1.4	-2.2%
8.6%	62.4	61.1	-1.3	-2.1%
9.9%	61.5	60.7	-0.8	-1.3%
11.1%	60.6	60.2	-0.5	-0.7%
12.3%	60.3	60.1	-0.2	-0.4%
13.6%	60.2	59.8	-0.5	-0.8%
14.8%	60.1	59.4	-0.7	-1.2%
16.0%	60.1	59.3	-0.7	-1.2%
17.3%	59.8	59.3	-0.5	-0.8%
18.5%	59.6	59.0	-0.6	-1.0%
19.8%	59.5	58.6	-0.9	-1.5%
21.0%	59.3	58.6	-0.7	-1.2%
22.2%	59.3	58.6	-0.7	-1.2%
23.5%	59.1	58.4	-0.7	-1.2%
24.7%	58.7	58.3	-0.4	-0.6%
25.9%	58.6	58.2	-0.4	-0.7%
27.2%	58.5	58.0	-0.4	-0.8%
28.4%	58.4	57.9	-0.5	-0.8%
29.6%	58.3	57.8	-0.5	-0.9%
30.9%	58.3	57.8	-0.5	-0.9%
32.1%	58.2	57.7	-0.6	-1.0%
33.3%	58.0	57.6	-0.4	-0.7%
34.6%	58.0	57.6	-0.4	-0.7%
35.8%	57.9	57.6	-0.3	-0.5%
37.0%	57.9	57.6	-0.3	-0.5%
38.3%	57.9	57.5	-0.4	-0.7%
39.5%	57.8	57.5	-0.4	-0.7%
40.7%	57.8	57.4	-0.5	-0.8%
42.0%	57.7	57.4	-0.3	-0.5%
43.2%	57.6	57.1	-0.5	-0.9%
44.4%	57.6	57.1	-0.5	-0.9%
45.7%	57.5	57.1	-0.4	-0.7%
46.9%	57.5	57.0	-0.5	-0.8%
48.1%	57.5	57.0	-0.5	-0.8%
49.4%	57.4	56.9	-0.4	-0.8%
50.6%	57.4	56.8	-0.5	-0.9%
51.9%	57.3	56.8	-0.6	-1.0%
53.1%	57.3	56.8	-0.5	-1.0%
54.3%	57.3	56.8	-0.5	-1.0%
55.6%	57.1	56.7	-0.4	-0.7%
56.8%	57.0	56.7	-0.3	-0.6%
58.0%	56.8	56.6	-0.1	-0.2%
59.3%	56.8	56.6	-0.2	-0.3%
60.5%	56.7	56.5	-0.2	-0.4%
61.7%	56.7	56.5	-0.2	-0.4%
63.0%	56.6	56.5	-0.2	-0.3%
64.2%	56.6	56.3	-0.3	-0.5%
65.4%	56.5	56.3	-0.2	-0.3%
66.7%	56.3	56.2	-0.1	-0.1%
67.9%	56.2	56.2	-0.1	-0.1%
69.1%	56.1	56.0	-0.1	-0.2%
70.4%	56.1	55.9	-0.1	-0.3%
71.6%	56.0	55.9	-0.1	-0.1%
72.8%	56.0	55.9	-0.1	-0.2%
74.1%	55.9	55.8	-0.1	-0.2%
75.3%	55.9	55.8	-0.1	-0.1%
76.5%	55.7	55.7	0.0	0.0%
77.8%	55.7	55.7	0.0	-0.1%
79.0%	55.7	55.6	-0.1	-0.1%
80.2%	55.7	55.6	-0.1	-0.1%
81.5%	55.5	55.6	0.1	0.2%
82.7%	55.5	55.6	0.1	0.2%
84.0%	55.5	55.6	0.1	0.1%
85.2%	55.5	55.5	0.1	0.1%
86.4%	55.4	55.4	0.1	0.1%
87.7%	55.4	55.4	0.0	0.0%
88.9%	55.3	55.1	-0.2	-0.3%
90.1%	55.2	55.1	-0.1	-0.2%
91.4%	55.0	55.1	0.0	0.0%
92.6%	54.9	54.9	0.0	0.0%
93.8%	54.8	54.8	0.0	0.0%
95.1%	54.8	54.6	-0.2	-0.3%
96.3%	54.7	54.1	-0.6	-1.1%
97.5%	54.6	53.5	-1.1	-2.0%
98.8%	53.3	53.5	0.3	0.5%
100.0%	53.1	53.4	0.2	0.5%

Table SQ-06-5a

Sacramento River at Red Bluff, Monthly Temperature

Long-term Average and Average by Water Year Type

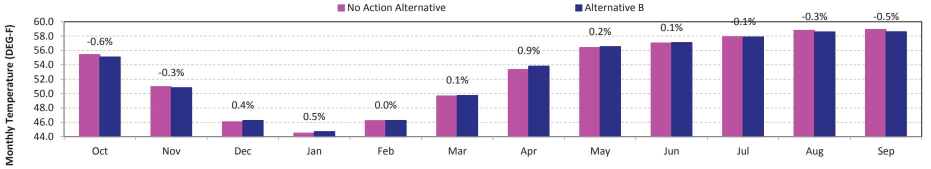
	Monthly Temperature (DEG-F)											
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period[1]												
No Action Alternative	55.4	51.0	46.1	44.5	46.2	49.7	53.4	56.4	57.1	57.9	58.8	58.9
Alternative B	55.1	50.8	46.2	44.7	46.3	49.7	53.8	56.5	57.1	57.9	58.6	58.6
Difference	-0.3	-0.1	0.2	0.2	0.0	0.1	0.5	0.1	0.0	0.0	-0.2	-0.3
Percent Difference[3]	-0.6%	-0.3%	0.4%	0.5%	0.0%	0.1%	0.9%	0.2%	0.1%	-0.1%	-0.3%	-0.5%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	54.8	51.4	46.2	44.6	45.9	48.7	52.3	56.1	56.9	57.9	58.2	56.7
Alternative B	54.8	51.3	46.5	44.8	46.0	48.7	52.4	55.9	56.7	58.0	58.3	56.7
Difference	-0.1	-0.1	0.3	0.1	0.0	0.0	0.1	-0.2	-0.2	0.1	0.1	0.0
Percent Difference	-0.1%	-0.2%	0.7%	0.3%	0.0%	0.1%	0.2%	-0.4%	-0.3%	0.1%	0.2%	0.0%
Above Normal (15%)												
No Action Alternative	54.5	50.7	46.5	44.8	46.3	49.8	53.7	57.1	56.4	56.9	58.3	58.0
Alternative B	54.3	50.7	46.9	45.0	46.3	49.9	54.1	56.8	56.5	56.8	58.3	58.1
Difference	-0.2	0.0	0.4	0.2	0.0	0.0	0.3	-0.3	0.1	0.0	0.0	0.1
Percent Difference	-0.3%	0.0%	0.8%	0.4%	0.0%	0.1%	0.6%	-0.5%	0.2%	0.0%	0.0%	0.1%
Below Normal (17%)												
No Action Alternative	54.2	50.4	46.4	44.3	45.8	49.6	53.9	56.5	56.7	57.2	57.9	58.9
Alternative B	54.0	50.4	46.5	44.5	45.9	49.6	54.5	56.7	56.7	57.3	57.8	58.4
Difference	-0.3	-0.1	0.1	0.2	0.0	0.0	0.6	0.2	0.1	0.1	-0.1	-0.5
Percent Difference	-0.5%	-0.1%	0.2%	0.4%	0.0%	0.1%	1.1%	0.4%	0.1%	0.1%	-0.1%	-0.8%
Dry (22%)												
No Action Alternative	55.7	51.1	46.0	44.3	46.4	50.4	54.0	56.1	57.1	57.4	58.6	60.0
Alternative B	55.2	50.8	46.0	44.7	46.4	50.5	54.7	56.5	57.4	57.4	58.3	59.4
Difference	-0.5	-0.3	0.0	0.4	0.0	0.1	0.7	0.3	0.3	0.0	-0.3	-0.6
Percent Difference	-0.9%	-0.5%	0.0%	0.9%	0.0%	0.2%	1.3%	0.6%	0.5%	0.0%	-0.5%	-0.9%
Critical (15%)												
No Action Alternative	58.6	50.7	45.2	44.3	47.0	50.8	53.6	56.9	58.4	60.5	62.0	63.1
Alternative B	57.7	50.4	45.3	44.5	47.1	50.9	54.5	57.5	58.4	60.0	60.9	62.3
Difference	-0.9	-0.3	0.1	0.2	0.1	0.1	0.8	0.7	0.1	-0.4	-1.1	-0.8
Percent Difference	-1.6%	-0.7%	0.2%	0.4%	0.1%	0.2%	1.5%	1.2%	0.1%	-0.7%	-1.7%	-1.3%

1 Based on the 82-year simulation period

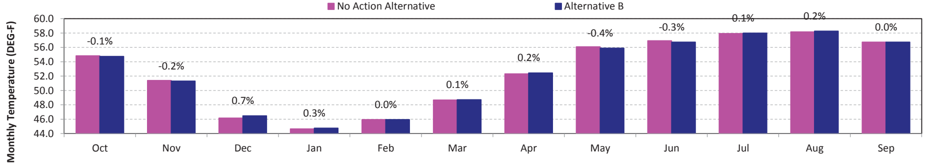
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

3 Relative difference of the monthly average

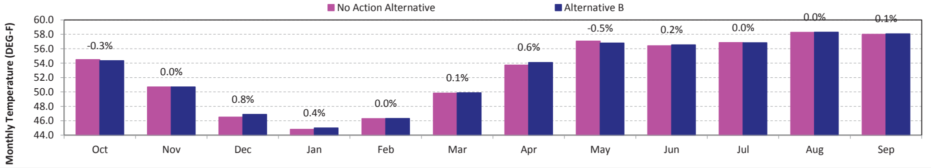
Sacramento River at Red Bluff, Monthly Temperature
Full Simulation Period



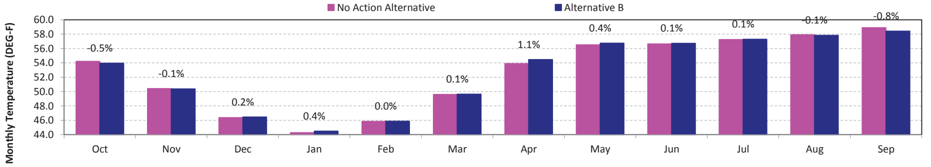
Sacramento River at Red Bluff, Monthly Temperature
Wet Water Year Types (32%)



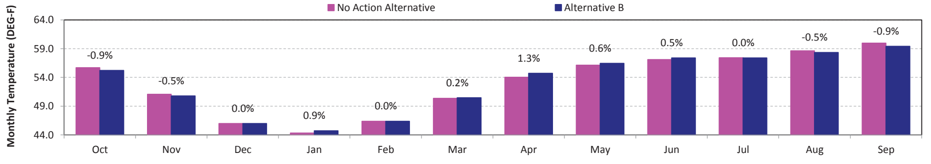
Sacramento River at Red Bluff, Monthly Temperature
Above Normal Water Year Types (15%)



Sacramento River at Red Bluff, Monthly Temperature
Below Normal Water Year Types (17%)



Sacramento River at Red Bluff, Monthly Temperature
Dry Water Year Types (22%)



Sacramento River at Red Bluff, Monthly Temperature
Critical Water Year Types (15%)

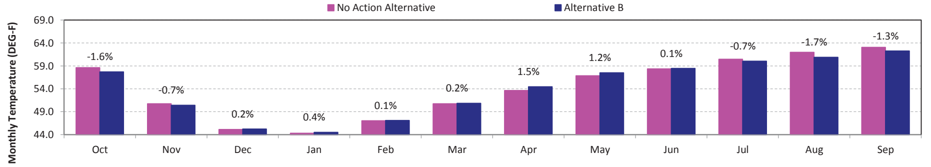


Figure SQ-06-5b
Sacramento River at Red Bluff, Monthly Temperature
Probability of Exceedance

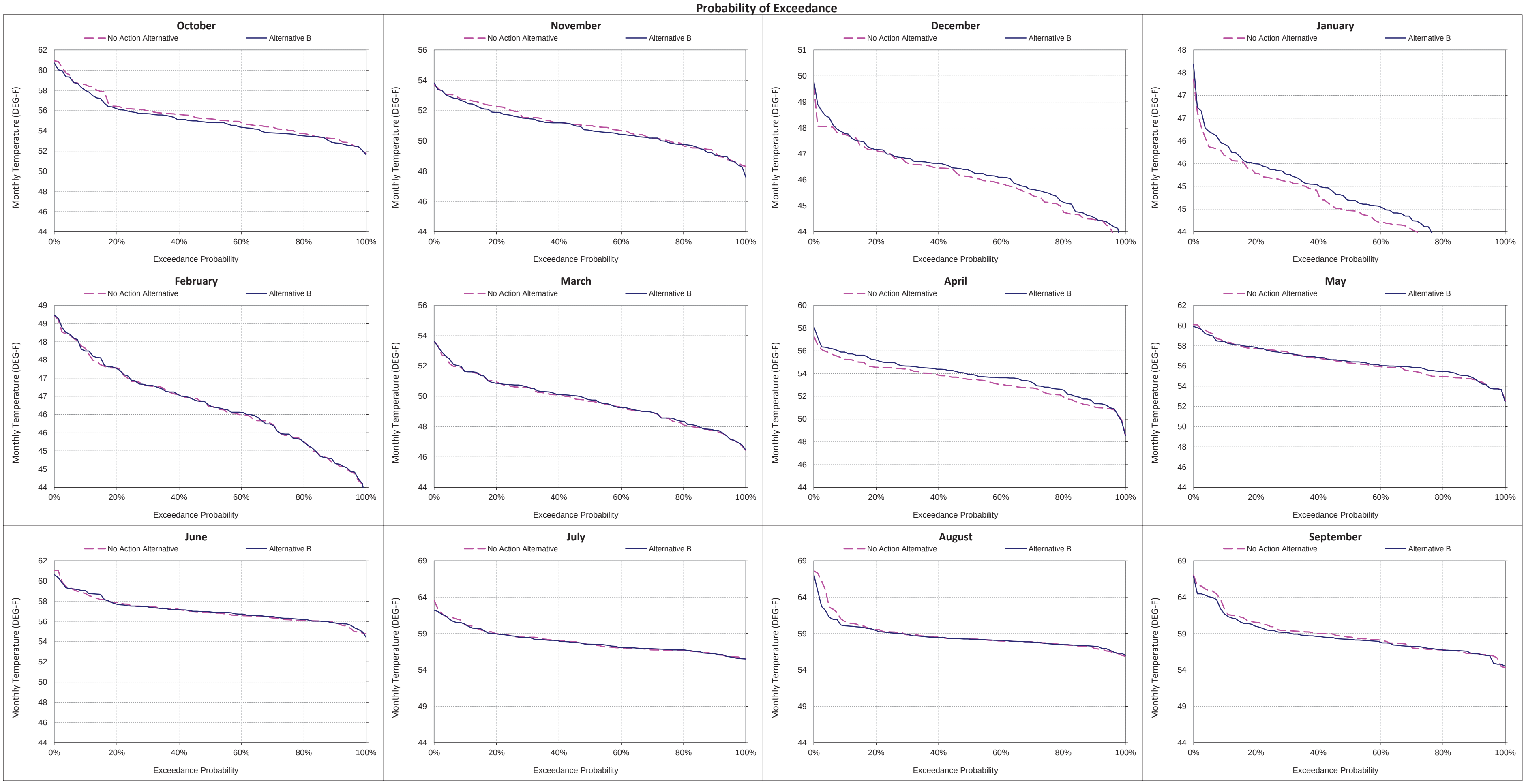


Table SQ-06-5b

Sacramento River at Red Bluff, Monthly Temperature
Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.9	60.7	-0.2	-0.4%
1.2%	60.9	60.1	-0.8	-1.3%
2.5%	60.3	60.0	-0.3	-0.6%
3.7%	59.7	59.4	-0.4	-0.6%
4.9%	59.5	59.3	-0.2	-0.4%
6.2%	58.8	58.8	0.0	0.0%
7.4%	58.7	58.7	0.0	0.0%
8.6%	58.6	58.3	-0.3	-0.6%
9.9%	58.6	58.0	-0.6	-1.0%
11.1%	58.4	57.8	-0.6	-1.0%
12.3%	58.4	57.5	-0.9	-1.6%
13.6%	58.0	57.3	-0.7	-1.3%
14.8%	57.9	57.2	-0.7	-1.2%
16.0%	57.9	56.7	-1.2	-2.0%
17.3%	56.7	56.4	-0.3	-0.6%
18.5%	56.4	56.4	-0.1	-0.1%
19.8%	56.4	56.2	-0.2	-0.4%
21.0%	56.4	56.1	-0.3	-0.5%
22.2%	56.3	56.1	-0.2	-0.3%
23.5%	56.2	56.0	-0.2	-0.4%
24.7%	56.2	55.9	-0.3	-0.5%
25.9%	56.1	55.8	-0.3	-0.6%
27.2%	56.1	55.7	-0.4	-0.7%
28.4%	56.1	55.7	-0.4	-0.7%
29.6%	56.0	55.7	-0.3	-0.5%
30.9%	55.9	55.7	-0.2	-0.4%
32.1%	55.9	55.6	-0.3	-0.5%
33.3%	55.8	55.6	-0.2	-0.4%
34.6%	55.8	55.6	-0.2	-0.3%
35.8%	55.7	55.5	-0.2	-0.4%
37.0%	55.7	55.4	-0.3	-0.5%
38.3%	55.7	55.3	-0.3	-0.6%
39.5%	55.6	55.1	-0.5	-0.9%
40.7%	55.6	55.1	-0.5	-0.9%
42.0%	55.6	55.1	-0.5	-0.8%
43.2%	55.5	55.0	-0.5	-1.0%
44.4%	55.4	55.0	-0.4	-0.8%
45.7%	55.3	55.0	-0.3	-0.6%
46.9%	55.2	54.9	-0.3	-0.6%
48.1%	55.2	54.9	-0.3	-0.6%
49.4%	55.2	54.8	-0.4	-0.7%
50.6%	55.2	54.8	-0.3	-0.6%
51.9%	55.1	54.8	-0.3	-0.6%
53.1%	55.0	54.8	-0.2	-0.4%
54.3%	55.0	54.8	-0.2	-0.4%
55.6%	55.0	54.7	-0.3	-0.6%
56.8%	54.9	54.6	-0.4	-0.7%
58.0%	54.9	54.5	-0.4	-0.7%
59.3%	54.9	54.4	-0.5	-1.0%
60.5%	54.7	54.3	-0.4	-0.7%
61.7%	54.7	54.3	-0.4	-0.7%
63.0%	54.6	54.3	-0.3	-0.6%
64.2%	54.5	54.2	-0.4	-0.7%
65.4%	54.5	54.2	-0.3	-0.6%
66.7%	54.5	53.9	-0.6	-1.0%
67.9%	54.4	53.8	-0.6	-1.1%
69.1%	54.4	53.8	-0.6	-1.1%
70.4%	54.3	53.8	-0.5	-1.0%
71.6%	54.2	53.8	-0.4	-0.7%
72.8%	54.2	53.7	-0.4	-0.8%
74.1%	54.2	53.7	-0.4	-0.8%
75.3%	54.0	53.7	-0.3	-0.6%
76.5%	54.0	53.7	-0.4	-0.7%
77.8%	53.8	53.6	-0.2	-0.5%
79.0%	53.7	53.5	-0.2	-0.4%
80.2%	53.7	53.5	-0.2	-0.4%
81.5%	53.6	53.5	-0.2	-0.3%
82.7%	53.5	53.4	-0.1	-0.2%
84.0%	53.4	53.4	0.0	0.0%
85.2%	53.4	53.4	0.0	0.0%
86.4%	53.3	53.3	0.0	0.0%
87.7%	53.3	53.1	-0.2	-0.3%
88.9%	53.2	52.9	-0.4	-0.7%
90.1%	53.2	52.8	-0.4	-0.8%
91.4%	53.1	52.8	-0.3	-0.6%
92.6%	52.9	52.7	-0.2	-0.4%
93.8%	52.9	52.6	-0.3	-0.5%
95.1%	52.7	52.5	-0.2	-0.3%
96.3%	52.5	52.5	0.0	0.0%
97.5%	52.4	52.4	0.0	0.0%
98.8%	52.0	52.0	0.0	0.1%
100.0%	51.8	51.6	0.0	-0.3%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.7	53.8	0.1	0.2%
1.2%	53.5	53.4	-0.1	-0.2%
2.5%	53.2	53.3	0.1	0.2%
3.7%	53.1	53.0	0.0	0.0%
4.9%	53.1	52.9	-0.1	-0.3%
6.2%	53.0	52.8	-0.2	-0.4%
7.4%	52.9	52.8	-0.1	-0.2%
8.6%	52.8	52.7	-0.1	-0.2%
9.9%	52.7	52.6	-0.2	-0.3%
11.1%	52.7	52.4	-0.3	-0.5%
12.3%	52.6	52.4	-0.2	-0.4%
13.6%	52.6	52.3	-0.3	-0.5%
14.8%	52.5	52.2	-0.4	-0.7%
16.0%	52.4	52.1	-0.3	-0.6%
17.3%	52.4	52.1	-0.3	-0.5%
18.5%	52.3	51.9	-0.4	-0.8%
19.8%	52.3	51.9	-0.4	-0.8%
21.0%	52.2	51.9	-0.4	-0.7%
22.2%	52.2	51.8	-0.5	-0.9%
23.5%	52.1	51.7	-0.4	-0.7%
24.7%	52.0	51.7	-0.3	-0.6%
25.9%	52.0	51.6	-0.3	-0.7%
27.2%	51.9	51.6	-0.4	-0.7%
28.4%	51.5	51.5	0.0	-0.1%
29.6%	51.5	51.5	0.0	-0.1%
30.9%	51.5	51.5	-0.1	-0.1%
32.1%	51.5	51.4	-0.1	-0.2%
33.3%	51.5	51.3	-0.2	-0.4%
34.6%	51.5	51.3	-0.2	-0.4%
35.8%	51.3	51.2	-0.1	-0.2%
37.0%	51.3	51.2	-0.1	-0.3%
38.3%	51.2	51.2	0.0	-0.1%
39.5%	51.2	51.2	0.0	-0.1%
40.7%	51.2	51.2	0.0	0.0%
42.0%	51.2	51.2	0.0	0.0%
43.2%	51.1	51.1	0.0	0.0%
44.4%	51.1	51.1	0.0	-0.1%
45.7%	51.1	51.0	-0.1	-0.2%
46.9%	51.0	51.0	-0.1	-0.2%
48.1%	51.0	50.7	-0.3	-0.6%
49.4%	51.0	50.7	-0.3	-0.6%
50.6%	51.0	50.7	-0.3	-0.7%
51.9%	50.9	50.6	-0.3	-0.6%
53.1%	50.9	50.6	-0.3	-0.6%
54.3%	50.9	50.6	-0.3	-0.6%
55.6%	50.9	50.6	-0.3	-0.6%
56.8%	50.8	50.5	-0.2	-0.5%
58.0%	50.7	50.5	-0.2	-0.5%
59.3%	50.7	50.5	-0.3	-0.5%
60.5%	50.7	50.4	-0.2	-0.5%
61.7%	50.6	50.4	-0.3	-0.5%
63.0%	50.5	50.4	-0.1	-0.3%
64.2%	50.4	50.3	-0.1	-0.2%
65.4%	50.4	50.3	-0.2	-0.3%
66.7%	50.4	50.3	-0.2	-0.3%
67.9%	50.3	50.2	-0.1	-0.1%
69.1%	50.2	50.2	0.0	-0.1%
70.4%	50.2	50.2	0.0	0.1%
71.6%	50.2	50.2	0.0	0.1%
72.8%	50.1	50.0	-0.1	-0.2%
74.1%	50.1	50.0	-0.1	-0.2%
75.3%	50.0	49.9	-0.1	-0.2%
76.5%	49.9	49.8	-0.1	-0.1%
77.8%	49.9	49.8	-0.1	-0.2%
79.0%	49.8	49.8	-0.1	-0.2%
80.2%	49.7	49.8	0.1	0.2%
81.5%	49.6	49.7	0.1	0.3%
82.7%	49.5	49.7	0.2	0.3%
84.0%	49.5	49.6	0.1	0.2%
85.2%	49.5	49.5	0.0	-0.1%
86.4%	49.5	49.4	-0.1	-0.1%
87.7%	49.4	49.3	-0.2	-0.4%
88.9%	49.4	49.3	-0.2	-0.4%
90.1%	49.2	49.1	-0.2	-0.4%
91.4%	49.0	49.0	0.1	0.1%
92.6%	48.9	49.0	0.0	0.1%
93.8%	48.8	49.0	0.2	0.4%
95.1%	48.7	48.7	-0.1	-0.1%
96.3%	48.6	48.6	0.0	0.1%
97.5%	48.6	48.4	-0.2	-0.3%
98.8%	48.4	48.3	-0.1	-0.2%
100.0%	48.3	47.6	-0.7	-1.5%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	49.6	49.8	0.2	0.3%
1.2%	48.1	48.9	0.8	1.7%
2.5%	48.1	48.7	0.6	1.2%
3.7%	48.1	48.5	0.4	0.9%
4.9%	48.0	48.4	0.4	0.7%
6.2%	48.0	48.1	0.1	0.2%
7.4%	47.8	48.0	0.1	0.3%
8.6%	47.8	47.9	0.1	0.2%
9.9%	47.8	47.8	0.0	0.1%
11.1%	47.7	47.8	0.1	0.1%
12.3%	47.6	47.6	-0.1	-0.1%
13.6%	47.6	47.5	-0.1	-0.2%
14.8%	47.3	47.5	0.2	0.3%
16.0%	47.3	47.5	0.2	0.4%
17.3%	47.2	47.3	0.1	0.2%
18.5%	47.2	47.2	0.0	0.1%
19.8%	47.1	47.2	0.0	0.1%
21.0%	47.1	47.2	0.1	0.1%
22.2%	47.1	47.1	0.1	0.2%
23.5%	47.1	47.0	-0.1	-0.2%
24.7%	47.0	47.0	0.0	0.0%
25.9%	46.8	46.9	0.1	0.2%
27.2%	46.8	46.9	0.0	0.1%
28.4%	46.8	46.9	0.0	0.1%
29.6%	46.7	46.8	0.2	0.3%
30.9%	46.6	46.8	0.2	0.5%
32.1%	46.6	46.7	0.1	0.3%
33.3%	46.6	46.7	0.1	0.3%
34.6%	46.6	46.7	0.1	0.3%
35.8%	46.6	46.7	0.1	0.3%
37.0%	46.5	46.7	0.1	0.3%
38.3%	46.5	46.6	0.2	0.3%
39.5%	46.5	46.6	0.2	0.4%
40.7%	46.5	46.6	0.2	0.4%
42.0%	46.5	46.6	0.1	0.3%
43.2%	46.4	46.5	0.1	0.2%
44.4%	46.4	46.5	0.0	0.1%
45.7%	46.3	46.5	0.2	0.4%
46.9%	46.2	46.4	0.3	0.6%
48.1%	46.1	46.4	0.3	0.6%
49.4%	46.1	46.4	0.3	0.6%
50.6%	46.1	46.3	0.2	0.5%
51.9%	46.1	46.2	0.2	0.4%
53.1%	46.0	46.2	0.2	0.4%
54.3%	46.0	46.2	0.3	0.6%
55.6%	46.0	46.2	0.2	0.5%
56.8%	45.9	46.2	0.2	0.5%
58.0%	45.9	46.2	0.2	0.5%
59.3%	45.9	46.1	0.2	0.5%
60.5%	45.9	46.1	0.2	0.5%
61.7%	45.8	46.1	0.3	0.7%
63.0%	45.8	46.1	0.3	0.7%
64.2%	45.8	45.9	0.1	0.3%
65.4%	45.7	45.8	0.2	0.4%
66.7%	45.6	45.8	0.2	0.4%
67.9%	45.5	45.7	0.2	0.5%
69.1%	45.5	45.7	0.2	0.4%
70.4%	45.4	45.6	0.2	0.5%
71.6%	45.3	45.6	0.3	0.6%
72.8%	45.3	45.6	0.3	0.6%
74.1%	45.1	45.5	0.4	0.9%
75.3%	45.1	45.5	0.4	0.8%
76.5%	45.1	45.4	0.3	0.7%
77.8%	45.1	45.4	0.3	0.7%
79.0%	45.0	45.2	0.2	0.4%
80.2%	44.7	45.1	0.4	0.8%
81.5%	44.7	45.1	0.4	0.8%
82.7%	44.7	45.1	0.4	0.9%
84.0%	44.7	44.8	0.1	0.2%
85.2%	44.7	44.8	0.1	0.2%
86.4%	44.5	44.7	0.2	0.4%
87.7%	44.5	44.6	0.1	0.3%
88.9%	44.5	44.6	0.1	0.2%
90.1%	44.5	44.5	0.1	0.1%
91.4%	44.5	44.4	0.0	0.0%
92.6%	44.4	44.4	0.0	0.0%
93.8%	44.3	44.4	0.1	0.3%
95.1%	44.2	44.3	0.1	0.3%
96.3%	43.9	44.2	0.3	0.8%
97.5%	43.6	44.1	0.5	1.2%
98.8%	43.6	43.5	-0.1	-0.2%
100.0%	42.2	42.5	0.3	0.7%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.4	47.7	0.3	0.7%
1.2%	46.6	46.7	0.1	0.2%
2.5%	46.3	46.7	0.3	0.8%
3.7%	46.1	46.3	0.2	0.5%
4.9%	45.9	46.2	0.3	0.7%
6.2%	45.9	46.2	0.3	0.7%
7.4%	45.8	46.1	0.3	0.6%
8.6%	45.8	46.0	0.2	0.4%
9.9%	45.7	45.9	0.3	0.6%
11.1%	45.7	45.9	0.2	0.5%
12.3%	45.6	45.7	0.2	0.4%
13.6%	45.6	45.7	0.2	0.4%
14.8%	45.6	45.7	0.1	0.2%
16.0%	45.5	45.6	0.0	0.1%
17.3%	45.4	45.5	0.1	0.3%
18.5%	45.4	45.5	0.1	0.3%
19.8%	45.3	45.5	0.2	0.5%
21.0%	45.3	45.5	0.2	0.5%
22.2%	45.2	45.4	0.2	0.5%
23.5%	45.2	45.4	0.2	0.5%
24.7%	45.2	45.4	0.2	0.4%
25.9%	45.2	45.4	0.2	0.4%
27.2%	45.2	45.3	0.2	0.4%
28.4%	45.1	45.3	0.2	0.5%
29.6%	45.1	45.3	0.2	0.3%
30.9%	45.1	45.3	0.2	0.3%
32.1%	45.1	45.2	0.1	0.3%
33.3%	45.1	45.2	0.1	0.3%
34.6%	45.0	45.1	0.1	0.2%
35.8%	45.0	45.1	0.1	0.1%
37.0%	45.0	45.1	0.1	0.2%
38.3%	44.9	45.1	0.1	0.3%
39.5%	44.9	45.0	0.1	0.3%
40.7%	44.7	45.0	0.3	0.6%
42.0%	44.7	45.0	0.3	0.6%
43.2%	44.6	45.0	0.3	0.7%
44.4%	44.6	44.9	0.3	0.7%
45.7%	44.5	44.8	0.3	0.7%
46.9%	44.5	44.8	0.3	0.7%
48.1%	44.5	44.8	0.3	0.7%
49.4%	44.5	44.7	0.2	0.5%
50.6%	44.5	44.7	0.2	0.5%
51.9%	44.5	44.7	0.2	0.5%
53.1%	44.4	44.6	0.2	0.4%
54.3%	44.4	44.6	0.2	0.5%
55.6%	44.4	44.6	0.2	0.6%
56.8%	44.4	44.6	0.2	0.5%
58.0%	44.3	44.6	0.3	0.7%
59.3%	44.2	44.6	0.4	0.8%
60.5%	44.2	44.5	0.3	0.7%
61.7%	44.2	44.5	0.3	0.7%
63.0%	44.2	44.5	0.3	0.7%
64.2%	44.2	44.4	0.3	0.6%
65.4%	44.2	44.4	0.3	0.6%
66.7%	44.1	44.4	0.2	0.6%
67.9%	44.1	44.3	0.2	0.5%
69.1%	44.1	44.3	0.3	0.6%
70.4%	44.0	44.2	0.2	0.5%
71.6%	44.0	44.2	0.2	0.5%
72.8%	44.0	44.2	0.2	0.6%
74.1%	43.8	44.1	0.3	0.7%
75.3%	43.8	44.1	0.3	0.8%
76.5%	43.7	44.0	0.2	0.5%
77.8%	43.7	44.0	0.2	0.5%
79.0%	43.7	43.8	0.1	0.3%
80.2%	43.5	43.8	0.2	0.5%
81.5%	43.5	43.5	0.0	0.1%
82.7%	43.4	43.5	0.1	0.3%
84.0%	43.4	43.5	0.1	0.2%
85.2%	43.4	43.5	0.2	0.4%
86.4%	43.3	43.5	0.1	0.3%
87.7%	43.2	43.4	0.2	0.4%
88.9%	43.2	43.4	0.2	0.5%
90.1%	43.2	43.4	0.2	0.5%
91.4%	43.1	43.3	0.1	0.3%
92.6%	43.1	43.2	0.1	0.2%
93.8%	43.1	43.2	0.2	0.4%
95.1%	43.0	43.2	0.2	0.4%
96.3%	42.7	42.7	0.0	0.1%
97.5%	42.6	42.7	0.1	0.2%
98.8%	42.6	42.7	0.1	0.3%
100.0%	41.9	42.6	0.7	1.7%

Table SQ-06-5b

Sacramento River at Red Bluff, Monthly Temperature

Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	48.7	48.7	0.0	0.0%
1.2%	48.6	48.6	0.0	0.1%
2.5%	48.3	48.4	0.1	0.3%
3.7%	48.2	48.3	0.0	0.1%
4.9%	48.2	48.2	0.0	0.0%
6.2%	48.1	48.1	0.0	0.0%
7.4%	48.0	48.1	0.0	0.0%
8.6%	47.9	47.8	-0.1	-0.2%
9.9%	47.8	47.7	-0.1	-0.2%
11.1%	47.6	47.7	0.1	0.2%
12.3%	47.5	47.6	0.1	0.2%
13.6%	47.5	47.6	0.1	0.2%
14.8%	47.4	47.6	0.2	0.4%
16.0%	47.3	47.3	0.0	0.0%
17.3%	47.3	47.3	0.0	0.1%
18.5%	47.3	47.3	0.0	0.1%
19.8%	47.3	47.3	0.0	0.0%
21.0%	47.3	47.2	0.0	-0.1%
22.2%	47.1	47.1	0.0	0.0%
23.5%	47.0	47.1	0.1	0.1%
24.7%	46.9	46.9	0.0	0.1%
25.9%	46.9	46.9	0.0	0.0%
27.2%	46.9	46.8	0.0	-0.1%
28.4%	46.8	46.8	0.0	0.0%
29.6%	46.8	46.8	0.0	0.0%
30.9%	46.8	46.8	0.0	0.0%
32.1%	46.8	46.8	0.0	0.0%
33.3%	46.8	46.7	0.0	-0.1%
34.6%	46.7	46.7	0.0	-0.1%
35.8%	46.7	46.6	0.0	-0.1%
37.0%	46.6	46.6	0.0	0.0%
38.3%	46.6	46.6	0.0	0.1%
39.5%	46.6	46.6	0.0	0.0%
40.7%	46.5	46.5	0.0	0.0%
42.0%	46.5	46.5	0.0	0.0%
43.2%	46.5	46.5	0.0	0.0%
44.4%	46.4	46.4	0.0	0.0%
45.7%	46.4	46.4	-0.1	-0.1%
46.9%	46.4	46.4	0.0	0.0%
48.1%	46.4	46.4	0.0	0.0%
49.4%	46.2	46.3	0.0	0.1%
50.6%	46.2	46.2	0.0	0.0%
51.9%	46.2	46.2	0.0	0.1%
53.1%	46.1	46.2	0.0	0.1%
54.3%	46.1	46.2	0.0	0.0%
55.6%	46.1	46.1	0.1	0.2%
56.8%	46.0	46.1	0.0	0.0%
58.0%	46.0	46.1	0.0	0.1%
59.3%	46.0	46.1	0.1	0.1%
60.5%	46.0	46.1	0.1	0.2%
61.7%	46.0	46.0	0.0	0.0%
63.0%	45.9	46.0	0.1	0.1%
64.2%	45.8	46.0	0.1	0.3%
65.4%	45.8	45.9	0.1	0.2%
66.7%	45.8	45.8	0.0	0.0%
67.9%	45.8	45.7	-0.1	-0.2%
69.1%	45.8	45.7	0.0	-0.1%
70.4%	45.7	45.7	0.0	0.0%
71.6%	45.5	45.5	0.0	0.0%
72.8%	45.5	45.5	0.0	0.0%
74.1%	45.4	45.5	0.0	0.1%
75.3%	45.4	45.5	0.0	0.1%
76.5%	45.4	45.3	0.0	-0.1%
77.8%	45.4	45.3	0.0	-0.1%
79.0%	45.3	45.3	0.0	0.0%
80.2%	45.2	45.2	0.0	0.0%
81.5%	45.1	45.2	0.0	0.0%
82.7%	45.0	45.1	0.1	0.2%
84.0%	45.0	45.0	0.0	0.0%
85.2%	44.9	44.9	0.0	0.0%
86.4%	44.8	44.8	0.0	0.0%
87.7%	44.8	44.8	0.0	0.0%
88.9%	44.7	44.8	0.1	0.2%
90.1%	44.7	44.7	0.0	-0.1%
91.4%	44.6	44.6	0.1	0.1%
92.6%	44.6	44.6	0.0	0.0%
93.8%	44.5	44.5	0.0	0.1%
95.1%	44.4	44.4	0.0	0.0%
96.3%	44.4	44.4	0.0	0.1%
97.5%	44.2	44.2	0.0	0.1%
98.8%	44.1	44.1	0.0	0.0%
100.0%	43.6	43.6	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.6	53.6	0.0	0.0%
1.2%	53.3	53.3	-0.1	-0.1%
2.5%	52.7	52.9	0.2	0.4%
3.7%	52.7	52.7	0.0	0.0%
4.9%	52.1	52.5	0.3	0.6%
6.2%	52.0	52.1	0.1	0.2%
7.4%	51.9	52.0	0.1	0.2%
8.6%	51.9	52.0	0.1	0.2%
9.9%	51.7	51.6	0.0	-0.1%
11.1%	51.6	51.6	0.0	0.0%
12.3%	51.6	51.6	0.0	0.1%
13.6%	51.5	51.6	0.1	0.1%
14.8%	51.4	51.4	-0.1	-0.1%
16.0%	51.3	51.3	0.0	0.1%
17.3%	51.0	51.0	0.0	0.0%
18.5%	51.0	50.9	-0.1	-0.2%
19.8%	51.0	50.9	-0.1	-0.2%
21.0%	50.9	50.8	0.0	0.0%
22.2%	50.8	50.8	0.0	0.1%
23.5%	50.8	50.8	0.0	0.1%
24.7%	50.7	50.8	0.1	0.2%
25.9%	50.6	50.8	0.1	0.3%
27.2%	50.6	50.7	0.1	0.3%
28.4%	50.6	50.7	0.1	0.2%
29.6%	50.6	50.6	0.0	0.1%
30.9%	50.6	50.5	0.0	0.0%
32.1%	50.4	50.5	0.1	0.3%
33.3%	50.3	50.4	0.1	0.2%
34.6%	50.2	50.3	0.1	0.1%
35.8%	50.2	50.3	0.1	0.2%
37.0%	50.1	50.3	0.1	0.3%
38.3%	50.1	50.2	0.1	0.2%
39.5%	50.1	50.1	0.0	0.0%
40.7%	50.1	50.1	0.0	0.0%
42.0%	50.0	50.1	0.1	0.2%
43.2%	50.0	50.1	0.1	0.2%
44.4%	49.9	50.0	0.2	0.3%
45.7%	49.8	50.0	0.2	0.5%
46.9%	49.8	50.0	0.2	0.4%
48.1%	49.8	49.9	0.1	0.3%
49.4%	49.7	49.8	0.1	0.2%
50.6%	49.7	49.8	0.1	0.2%
51.9%	49.6	49.8	0.1	0.3%
53.1%	49.6	49.6	0.0	0.0%
54.3%	49.5	49.5	0.0	0.0%
55.6%	49.4	49.5	0.1	0.1%
56.8%	49.4	49.4	0.0	0.0%
58.0%	49.4	49.3	0.0	-0.1%
59.3%	49.3	49.3	0.0	-0.1%
60.5%	49.2	49.3	0.0	0.1%
61.7%	49.1	49.2	0.1	0.2%
63.0%	49.1	49.2	0.1	0.1%
64.2%	49.0	49.1	0.1	0.2%
65.4%	49.0	49.1	0.0	0.0%
66.7%	49.0	49.0	0.0	0.0%
67.9%	49.0	49.0	0.0	0.0%
69.1%	49.0	49.0	0.0	0.0%
70.4%	48.9	48.9	0.0	0.0%
71.6%	48.8	48.8	0.0	0.0%
72.8%	48.6	48.6	0.0	0.0%
74.1%	48.6	48.6	0.0	0.0%
75.3%	48.5	48.6	0.0	0.1%
76.5%	48.4	48.6	0.2	0.4%
77.8%	48.3	48.4	0.1	0.2%
79.0%	48.3	48.4	0.1	0.2%
80.2%	48.1	48.3	0.2	0.5%
81.5%	48.1	48.1	0.1	0.2%
82.7%	48.0	48.1	0.1	0.3%
84.0%	48.0	48.1	0.1	0.3%
85.2%	47.9	48.0	0.1	0.1%
86.4%	47.8	47.8	0.0	0.0%
87.7%	47.8	47.8	0.0	0.0%
88.9%	47.7	47.8	0.1	0.2%
90.1%	47.7	47.8	0.0	0.1%
91.4%	47.6	47.7	0.1	0.2%
92.6%	47.6	47.6	0.0	0.0%
93.8%	47.4	47.4	0.0	0.0%
95.1%	47.2	47.2	0.0	0.0%
96.3%	47.1	47.1	0.0	0.0%
97.5%	46.9	47.0	0.0	0.0%
98.8%	46.7	46.8	0.1	0.2%
100.0%	46.4	46.4	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	57.3	58.1	0.9	1.5%
1.2%	56.5	57.2	0.6	1.1%
2.5%	56.1	56.4	0.2	0.4%
3.7%	56.0	56.3	0.4	0.7%
4.9%	55.8	56.2	0.4	0.7%
6.2%	55.7	56.2	0.5	0.9%
7.4%	55.5	56.0	0.5	0.9%
8.6%	55.4	55.9	0.5	0.9%
9.9%	55.3	55.9	0.6	1.1%
11.1%	55.2	55.7	0.5	0.9%
12.3%	55.2	55.7	0.5	1.0%
13.6%	55.0	55.6	0.6	1.1%
14.8%	55.0	55.6	0.6	1.1%
16.0%	55.0	55.6	0.6	1.1%
17.3%	54.6	55.5	0.8	1.5%
18.5%	54.6	55.3	0.6	1.2%
19.8%	54.6	55.2	0.7	1.2%
21.0%	54.5	55.1	0.5	1.0%
22.2%	54.5	55.0	0.5	0.9%
23.5%	54.5	55.0	0.5	0.9%
24.7%	54.5	55.0	0.5	0.8%
25.9%	54.5	55.0	0.5	0.9%
27.2%	54.5	54.8	0.3	0.6%
28.4%	54.4	54.7	0.3	0.5%
29.6%	54.4	54.7	0.3	0.5%
30.9%	54.3	54.6	0.3	0.5%
32.1%	54.2	54.6	0.4	0.8%
33.3%	54.2	54.6	0.4	0.7%
34.6%	54.1	54.5	0.5	0.9%
35.8%	54.0	54.5	0.5	0.9%
37.0%	54.0	54.5	0.5	0.8%
38.3%	54.0	54.5	0.5	0.9%
39.5%	53.9	54.4	0.5	0.9%
40.7%	53.8	54.4	0.6	1.0%
42.0%	53.8	54.4	0.6	1.0%
43.2%	53.7	54.3	0.5	1.0%
44.4%	53.7	54.3	0.6	1.1%
45.7%	53.7	54.2	0.5	0.9%
46.9%	53.6	54.1	0.5	0.8%
48.1%	53.6	54.1	0.5	0.9%
49.4%	53.5	53.9	0.4	0.8%
50.6%	53.5	53.9	0.4	0.8%
51.9%	53.5	53.9	0.4	0.7%
53.1%	53.4	53.7	0.3	0.6%
54.3%	53.4	53.7	0.3	0.6%
55.6%	53.3	53.7	0.4	0.8%
56.8%	53.2	53.7	0.5	0.9%
58.0%	53.1	53.7	0.5	1.0%
59.3%	53.1	53.6	0.6	1.1%
60.5%	53.0	53.6	0.6	1.1%
61.7%	53.0	53.6	0.7	1.2%
63.0%	53.0	53.6	0.7	1.2%
64.2%	52.9	53.6	0.7	1.3%
65.4%	52.8	53.6	0.8	1.4%
66.7%	52.8	53.4	0.6	1.2%
67.9%	52.8	53.4	0.6	1.1%
69.1%	52.7	53.3	0.6	1.1%
70.4%	52.7	53.2	0.4	0.8%
71.6%	52.7	52.9	0.3	0.5%
72.8%	52.5	52.9	0.4	0.8%
74.1%	52.3	52.8	0.5	1.0%
75.3%	52.2	52.8	0.6	1.2%
76.5%	52.2	52.7	0.5	1.0%
77.8%	52.1	52.7	0.5	1.0%
79.0%	52.1	52.6	0.5	0.9%
80.2%	51.9	52.5	0.6	1.2%
81.5%	51.8	52.2	0.4	0.8%
82.7%	51.7	52.1	0.4	0.8%
84.0%	51.5	52.0	0.5	0.9%
85.2%	51.5	51.9	0.5	0.9%
86.4%	51.3	51.8	0.5	0.9%
87.7%	51.3	51.8	0.5	1.0%
88.9%	51.2	51.7	0.5	1.0%
90.1%	51.1	51.4	0.3	0.6%
91.4%	51.0	51.4	0.4	0.7%
92.6%	51.0	51.3	0.3	0.7%
93.8%	50.9	51.2	0.3	0.6%
95.1%	50.9	51.0	0.1	0.1%
96.3%	50.8	50.9	0.1	0.2%
97.5%	50.4	50.4	-0.1	-0.1%
98.8%	49.9	49.8	-0.1	-0.2%
100.0%	48.5	48.5	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.1	59.9	-0.2	-0.3%
1.2%	60.1	59.8	-0.3	-0.5%
2.5%	59.6	59.6	0.0	0.0%
3.7%	59.6	59.2	-0.4	-0.6%
4.9%	59.3	59.1	-0.3	-0.4%
6.2%	59.2	59.0	-0.2	-0.4%
7.4%	58.7	58.5	-0.2	-0.4%
8.6%	58.6	58.5	-0.2	-0.3%
9.9%	58.4	58.4	0.1	0.1%
11.1%	58.4	58.2	-0.1	-0.2%
12.3%	58.3	58.2	-0.1	-0.1%
13.6%	58.1	58.1	0.0	0.1%
14.8%	58.0	58.1	0.1	0.1%
16.0%	57.9	58.0	0.1	0.2%
17.3%	57.8	57.9	0.2	0.3%
18.5%	57.8	57.9	0.2	0.3%
19.8%	57.7	57.9	0.2	0.3%
21.0%	57.7	57.7	0.0	0.1%
22.2%	57.7	57.7	0.1	0.1%
23.5%	57.7	57.6	-0.1	-0.1%
24.7%	57.6	57.5	-0.1	-0.2%
25.9%	57.6	57.4	-0.1	-0.3%
27.2%	57.5	57.4	-0.1	-0.2%
28.4%	57.5	57.3	-0.2	-0.3%
29.6%	57.5	57.2	-0.2	-0.4%
30.9%	57.2	57.2	0.0	0.0%
32.1%	57.1	57.2	0.1	0.1%
33.3%	57.1	57.1	0.0	0.0%
34.6%	57.1	57.0	-0.1	-0.1%
35.8%	56.9	57.0	0.1	0.2%
37.0%	56.9	57.0	0.1	0.2%
38.3%	56.8	56.9	0.1	0.2%
39.5%	56.8	56.9	0.1	0.2%
40.7%	56.7	56.8	0.1	0.2%
42.0%	56.7	56.8	0.1	0.2%
43.2%	56.7	56.6	0.0	-0.1%
44.4%	56.7	56.6	0.0	-0.1%
45.7%	56.5	56.6	0.1	0.2%
46.9%	56.4	56.6	0.1	0.2%
48.1%	56.4	56.5	0.1	0.3%
49.4%	56.3	56.5	0.2	0.3%
50.6%	56.3	56.4	0.1	0.2%
51.9%	56.2	56.4	0.2	0.3%
53.1%	56.2	56.4	0.2	0.4%
54.3%	56.2	56.4	0.2	0.3%
55.6%	56.1	56.3	0.2	0.3%
56.8%	56.1	56.2	0.1	0.2%
58.0%	56.0	56.2	0.2	0.3%
59.3%	56.0	56.1	0.2	0.3%
60.5%	55.9	56.0	0.1	0.2%
61.7%	55.9	56.0	0.1	0.2%
63.0%	55.9	56.0	0.1	0.2%
64.2%	55.8	56.0	0.1	0.3%
65.4%	55.8	56.0	0.1	0.3%
66.7%	55.8	55.9	0.1	0.2%
67.9%	55.6	55.9	0.3	0.6%
69.1%	55.5	55.9	0.4	0.8%
70.4%	55.5	55.9	0.4	0.6%
71.6%	55.4	55.9	0.4	0.8%
72.8%	55.4	55.8	0.5	0.9%
74.1%	55.1	55.7	0.6	1.0%
75.3%	55.1	55.6	0.5	0.9%
76.5%	55.0	55.6	0.6	1.0%
77.8%	55.0	55.5	0.5	0.9%
79.0%	55.0	55.5	0.5	0.9%
80.2%	55.0	55.5	0.5	0.9%
81.5%	54.9	55.4	0.5	0.9%
82.7%	54.9	55.4	0.5	0.8%
84.0%	54.8	55.3	0.5	0.8%
85.2%	54.8	55.1	0.3	0.5%
86.4%	54.8	55.1	0.3	0.5%
87.7%	54.8	55.1	0.3	0.6%
88.9%	54.7	54.9	0.2	0.3%
90.1%	54.6	54.8	0.1	0.2%
91.4%	54.5	54.5	0.0	0.0%
92.6%	54.4	54.2	-0.2	-0.3%
93.8%	54.2	54.2	0.0	0.0%
95.1%	53.8	53.8	0.0	0.1%
96.3%	53.8	53.7	0.0	-0.1%
97.5%	53.8	53.7	0.0	-0.1%
98.8%	53.6	53.7	0.1	0.1%
100.0%	52.6	52.5	-0.1	-0.2%

Table SQ-06-5b

Sacramento River at Red Bluff, Monthly Temperature

Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	61.1	60.6	-0.4	-0.7%
1.2%	61.0	60.3	-0.7	-1.2%
2.5%	59.9	59.8	-0.1	-0.1%
3.7%	59.5	59.3	-0.1	-0.2%
4.9%	59.4	59.2	-0.1	-0.2%
6.2%	59.1	59.2	0.1	0.1%
7.4%	59.0	59.2	0.2	0.3%
8.6%	58.9	59.1	0.2	0.3%
9.9%	58.8	59.1	0.3	0.5%
11.1%	58.5	58.7	0.2	0.4%
12.3%	58.4	58.7	0.3	0.5%
13.6%	58.3	58.7	0.4	0.7%
14.8%	58.2	58.7	0.5	0.9%
16.0%	58.2	58.2	0.0	0.0%
17.3%	58.0	58.0	0.1	0.1%
18.5%	57.9	57.9	0.0	-0.1%
19.8%	57.9	57.7	-0.2	-0.3%
21.0%	57.9	57.7	-0.2	-0.4%
22.2%	57.7	57.6	-0.1	-0.2%
23.5%	57.7	57.5	-0.2	-0.3%
24.7%	57.5	57.5	0.0	0.0%
25.9%	57.5	57.5	0.0	0.0%
27.2%	57.5	57.5	0.0	-0.1%
28.4%	57.5	57.5	0.0	0.0%
29.6%	57.5	57.5	0.0	-0.1%
30.9%	57.5	57.4	-0.1	-0.2%
32.1%	57.4	57.3	-0.1	-0.2%
33.3%	57.4	57.3	-0.1	-0.1%
34.6%	57.3	57.3	0.0	-0.1%
35.8%	57.3	57.3	0.0	0.0%
37.0%	57.3	57.2	-0.1	-0.1%
38.3%	57.2	57.2	0.0	-0.1%
39.5%	57.2	57.2	0.0	-0.1%
40.7%	57.1	57.1	0.0	0.0%
42.0%	57.1	57.1	0.0	0.0%
43.2%	57.0	57.1	0.1	0.1%
44.4%	57.0	57.0	0.0	0.1%
45.7%	57.0	57.0	0.1	0.1%
46.9%	57.0	57.0	0.0	0.1%
48.1%	56.9	57.0	0.1	0.2%
49.4%	56.9	57.0	0.1	0.2%
50.6%	56.8	56.9	0.1	0.1%
51.9%	56.8	56.9	0.1	0.1%
53.1%	56.8	56.9	0.1	0.1%
54.3%	56.8	56.9	0.1	0.2%
55.6%	56.8	56.9	0.1	0.2%
56.8%	56.6	56.8	0.2	0.4%
58.0%	56.6	56.8	0.1	0.3%
59.3%	56.6	56.7	0.2	0.3%
60.5%	56.6	56.7	0.2	0.3%
61.7%	56.6	56.6	0.1	0.1%
63.0%	56.6	56.6	0.1	0.1%
64.2%	56.5	56.6	0.0	0.1%
65.4%	56.5	56.6	0.0	0.1%
66.7%	56.5	56.5	0.0	0.0%
67.9%	56.4	56.5	0.0	0.1%
69.1%	56.4	56.5	0.1	0.2%
70.4%	56.3	56.5	0.1	0.2%
71.6%	56.3	56.4	0.1	0.1%
72.8%	56.2	56.3	0.1	0.2%
74.1%	56.2	56.3	0.1	0.3%
75.3%	56.2	56.3	0.1	0.3%
76.5%	56.1	56.3	0.1	0.2%
77.8%	56.1	56.2	0.1	0.2%
79.0%	56.1	56.2	0.1	0.2%
80.2%	56.1	56.2	0.1	0.2%
81.5%	56.1	56.1	0.1	0.1%
82.7%	56.0	56.0	0.0	0.0%
84.0%	56.0	56.0	0.0	0.0%
85.2%	56.0	56.0	0.0	0.0%
86.4%	56.0	56.0	0.0	-0.1%
87.7%	56.0	56.0	0.0	0.0%
88.9%	56.0	55.9	-0.1	-0.2%
90.1%	55.9	55.9	0.0	0.0%
91.4%	55.7	55.8	0.0	0.1%
92.6%	55.6	55.8	0.2	0.3%
93.8%	55.5	55.7	0.2	0.4%
95.1%	55.3	55.6	0.3	0.6%
96.3%	55.0	55.4	0.4	0.7%
97.5%	55.0	55.2	0.2	0.4%
98.8%	54.9	55.0	0.1	0.2%
100.0%	54.8	54.4	-0.3	-0.6%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	63.6	62.2	-1.4	-2.1%
1.2%	62.4	62.0	-0.4	-0.6%
2.5%	61.8	61.6	-0.1	-0.2%
3.7%	61.4	61.4	0.1	0.1%
4.9%	61.3	61.0	-0.3	-0.5%
6.2%	61.2	60.6	-0.5	-0.9%
7.4%	61.0	60.5	-0.5	-0.8%
8.6%	60.8	60.5	-0.4	-0.6%
9.9%	60.2	60.3	0.1	0.2%
11.1%	60.1	60.0	-0.1	-0.2%
12.3%	60.0	59.7	-0.3	-0.5%
13.6%	59.7	59.7	0.0	0.0%
14.8%	59.5	59.7	0.1	0.2%
16.0%	59.4	59.4	0.0	0.1%
17.3%	59.3	59.1	-0.3	-0.5%
18.5%	59.2	59.0	-0.2	-0.3%
19.8%	59.0	59.0	0.0	0.0%
21.0%	58.9	58.9	-0.1	-0.1%
22.2%	58.9	58.9	0.0	-0.1%
23.5%	58.8	58.8	-0.1	-0.1%
24.7%	58.7	58.7	0.0	0.0%
25.9%	58.5	58.6	0.1	0.1%
27.2%	58.5	58.5	0.0	0.0%
28.4%	58.5	58.4	-0.1	-0.1%
29.6%	58.5	58.4	-0.1	-0.1%
30.9%	58.5	58.4	-0.1	-0.1%
32.1%	58.5	58.2	-0.3	-0.5%
33.3%	58.4	58.2	-0.2	-0.4%
34.6%	58.3	58.2	-0.1	-0.1%
35.8%	58.2	58.1	-0.1	-0.2%
37.0%	58.1	58.1	-0.1	-0.1%
38.3%	58.1	58.1	0.0	-0.1%
39.5%	58.1	58.0	0.0	-0.1%
40.7%	58.0	57.9	-0.1	-0.2%
42.0%	58.0	57.9	-0.1	-0.1%
43.2%	57.9	57.9	-0.1	-0.1%
44.4%	57.9	57.8	-0.1	-0.2%
45.7%	57.8	57.8	-0.1	-0.1%
46.9%	57.7	57.7	0.1	0.1%
48.1%	57.6	57.6	-0.1	-0.1%
49.4%	57.5	57.5	0.1	0.1%
50.6%	57.5	57.5	0.1	0.1%
51.9%	57.4	57.5	0.2	0.3%
53.1%	57.3	57.5	0.2	0.3%
54.3%	57.2	57.5	0.3	0.5%
55.6%	57.2	57.4	0.2	0.4%
56.8%	57.1	57.3	0.1	0.3%
58.0%	57.1	57.3	0.2	0.4%
59.3%	57.0	57.1	0.1	0.2%
60.5%	57.0	57.1	0.1	0.1%
61.7%	57.0	57.0	0.0	0.1%
63.0%	57.0	57.0	0.0	0.0%
64.2%	57.0	57.0	0.0	0.0%
65.4%	57.0	57.0	0.0	0.0%
66.7%	56.9	57.0	0.0	0.1%
67.9%	56.9	56.9	0.1	0.1%
69.1%	56.8	56.9	0.2	0.3%
70.4%	56.8	56.9	0.2	0.3%
71.6%	56.8	56.9	0.1	0.2%
72.8%	56.7	56.9	0.1	0.2%
74.1%	56.7	56.8	0.1	0.2%
75.3%	56.7	56.8	0.1	0.2%
76.5%	56.7	56.8	0.1	0.2%
77.8%	56.7	56.7	0.1	0.2%
79.0%	56.6	56.7	0.1	0.2%
80.2%	56.6	56.7	0.1	0.2%
81.5%	56.6	56.7	0.1	0.2%
82.7%	56.6	56.6	0.0	0.0%
84.0%	56.5	56.5	0.0	0.0%
85.2%	56.5	56.5	0.0	0.1%
86.4%	56.4	56.3	-0.1	-0.2%
87.7%	56.4	56.3	-0.1	-0.1%
88.9%	56.3	56.2	0.0	-0.1%
90.1%	56.3	56.2	-0.1	-0.1%
91.4%	56.1	56.1	0.0	0.1%
92.6%	56.0	56.1	0.0	0.1%
93.8%	55.9	55.9	0.0	0.0%
95.1%	55.8	55.8	0.0	0.0%
96.3%	55.8	55.7	-0.1	-0.2%
97.5%	55.8	55.6	-0.2	-0.4%
98.8%	55.7	55.5	-0.1	-0.3%
100.0%	55.6	55.5	-0.1	-0.2%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.6	67.1	-0.5	-0.8%
1.2%	67.3	64.9	-2.4	-3.6%
2.5%	66.3	62.7	-3.5	-5.3%
3.7%	65.0	62.2	-2.8	-4.3%
4.9%	62.6	61.3	-1.4	-2.2%
6.2%	62.3	61.0	-1.4	-2.2%
7.4%	61.9	61.0	-0.9	-1.5%
8.6%	61.0	60.2	-0.8	-1.4%
9.9%	60.7	60.1	-0.6	-1.0%
11.1%	60.4	60.0	-0.4	-0.7%
12.3%	60.4	60.0	-0.4	-0.7%
13.6%	60.3	59.9	-0.4	-0.6%
14.8%	60.0	59.9	-0.1	-0.2%
16.0%	60.0	59.8	-0.2	-0.3%
17.3%	59.8	59.7	-0.1	-0.1%
18.5%	59.6	59.6	0.0	0.0%
19.8%	59.6	59.5	-0.1	-0.2%
21.0%	59.5	59.3	-0.3	-0.4%
22.2%	59.3	59.2	-0.1	-0.1%
23.5%	59.3	59.2	-0.1	-0.2%
24.7%	59.2	59.1	-0.2	-0.3%
25.9%	59.2	59.1	-0.2	-0.3%
27.2%	59.1	59.0	-0.1	-0.2%
28.4%	59.1	59.0	-0.1	-0.2%
29.6%	58.8	58.9	0.1	0.1%
30.9%	58.8	58.8	0.0	0.0%
32.1%	58.8	58.7	-0.1	-0.2%
33.3%	58.8	58.7	-0.1	-0.2%
34.6%	58.7	58.6	0.0	-0.1%
35.8%	58.7	58.6	-0.1	-0.1%
37.0%	58.6	58.5	-0.1	-0.1%
38.3%	58.6	58.5	-0.1	-0.1%
39.5%	58.6	58.4	-0.1	-0.2%
40.7%	58.6	58.4	-0.1	-0.2%
42.0%	58.4	58.4	0.0	0.1%
43.2%	58.3	58.3	0.0	0.0%
44.4%	58.3	58.3	0.0	0.0%
45.7%	58.3	58.3	0.0	-0.1%
46.9%	58.3	58.3	0.0	0.0%
48.1%	58.3	58.3	0.0	-0.1%
49.4%	58.3	58.2	0.0	-0.1%
50.6%	58.2	58.2	0.0	-0.1%
51.9%	58.2	58.2	0.0	-0.1%
53.1%	58.2	58.2	-0.1	-0.1%
54.3%	58.2	58.2	0.0	0.0%
55.6%	58.1	58.1	0.0	0.0%
56.8%	58.1	58.1	0.0	0.0%
58.0%	58.1	58.1	0.0	0.0%
59.3%	58.0	58.1	0.1	0.2%
60.5%	58.0	58.1	0.1	0.2%
61.7%	57.9	58.0	0.1	0.2%
63.0%	57.9	58.0	0.0	0.0%
64.2%	57.9	57.9	0.0	0.0%
65.4%	57.9	57.9	0.0	0.0%
66.7%	57.9	57.9	0.0	0.0%
67.9%	57.9	57.9	0.0	-0.1%
69.1%	57.9	57.8	0.0	-0.1%
70.4%	57.8	57.8	0.0	0.0%
71.6%	57.8	57.8	0.0	-0.1%
72.8%	57.7	57.8	0.0	0.1%
74.1%	57.7	57.6	-0.1	-0.1%
75.3%	57.7	57.6	-0.1	-0.1%
76.5%	57.7	57.6	-0.1	-0.1%
77.8%	57.6	57.5	-0.1	-0.1%
79.0%	57.5	57.5	0.0	0.0%
80.2%	57.5	57.5	0.0	0.0%
81.5%	57.4	57.4	0.0	0.0%
82.7%	57.4	57.4	0.1	0.1%
84.0%	57.4	57.4	0.0	0.1%
85.2%	57.3	57.4	0.1	0.2%
86.4%	57.2	57.4	0.1	0.2%
87.7%	57.2	57.3	0.1	0.1%
88.9%	57.2	57.3	0.1	0.1%
90.1%	56.9	57.2	0.3	0.5%
91.4%	56.9	57.2	0.3	0.5%
92.6%	56.8	56.9	0.1	0.2%
93.8%	56.6	56.9	0.3	0.5%
95.1%	56.5	56.7	0.2	0.3%
96.3%	56.3	56.4	0.1	0.2%
97.5%	56.2	56.3	0.0	0.1%
98.8%	56.0	56.3	0.3	0.5%
100.0%	55.9	56.0	0.2	0.3%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.0	66.9	-0.1	-0.2%
1.2%	65.6	64.5	-1.2	-1.8%
2.5%	65.5	64.4	-1.1	-1.7%
3.7%	65.1	64.3	-0.9	-1.3%
4.9%	64.9	64.1	-0.8	-1.2%
6.2%	64.8	64.0	-0.9	-1.3%
7.4%	64.4	63.7	-0.8	-1.2%
8.6%	63.7	62.4	-1.3	-2.0%
9.9%	62.4	61.7	-0.7	-1.1%
11.1%	61.6	61.3	-0.3	-0.4%
12.3%	61.5	61.1	-0.4	-0.6%
13.6%	61.4	61.0	-0.4	-0.6%
14.8%	61.3	60.6	-0.7	-1.1%
16.0%	61.1	60.4	-0.7	-1.2%
17.3%	60.8	60.4	-0.4	-0.7%
18.5%	60.6	60.3	-0.4	-0.6%
19.8%	60.5	60.0	-0.5	-0.8%
21.0%	60.5	59.9	-0.6	-1.0%
22.2%	60.2	59.7	-0.5	-0.9%
23.5%	60.2	59.5	-0.7	-1.2%
24.7%	60.0	59.4	-0.6	-0.9%
25.9%	59.9	59.4	-0.5	-0.9%
27.2%	59.5	59.2	-0.3	-0.5%
28.4%	59.4	59.2	-0.3	-0.4%
29.6%	59.4	59.2	-0.3	-0.4%
30.9%	59.4	59.1	-0.3	-0.6%
32.1%	59.3	58.9	-0.4	-0.7%
33.3%	59.3	58.9	-0.4	-0.7%
34.6%	59.3	58.8	-0.5	-0.8%
35.8%	59.2	58.8	-0.5	-0.8%
37.0%	59.2	58.7	-0.5	-0.9%
38.3%	59.1	58.7	-0.5	-0.8%
39.5%	59.0	58.6	-0.4	-0.7%
40.7%	59.0	58.6	-0.4	-0.7%
42.0%	59.0	58.5	-0.5	-0.8%
43.2%	59.0	58.5	-0.5	-0.8%
44.4%	59.0	58.5	-0.5	-0.8%
45.7%	58.8	58.3	-0.4	-0.8%
46.9%	58.7	58.3	-0.4	-0.7%
48.1%	58.6	58.3	-0.4	-0.7%
49.4%	58.5	58.2	-0.3	-0.5%
50.6%	58.5	58.2	-0.3	-0.5%
51.9%	58.4	58.1	-0.3	-0.4%
53.1%	58.4	58.1	-0.2	-0.4%
54.3%	58.3	58.1	-0.2	-0.4%
55.6%	58.3	58.0	-0.2	-0.4%
56.8%	58.2	58.0	-0.2	-0.3%
58.0%	58.2	57.9	-0.2	-0.4%
59.3%	58.1	57.9	-0.2	-0.4%
60.5%	58.0	57.7	-0.3	-0.6%
61.7%	57.9	57.7	-0.2	-0.4%
63.0%	57.7	57.7	0.0	-0.1%
64.2%	57.7	57.4	-0.3	-0.5%
65.4%	57.7	57.4	-0.3	-0.5%
66.7%	57.6	57.3	-0.3	-0.6%
67.9%	57.6	57.3	-0.3	-0.5%
69.1%	57.4	57.3	-0.2	-0.3%
70.4%	57.0	57.2	0.2	0.4%
71.6%	57.0	57.2	0.2	0.4%
72.8%	56.9	57.2	0.2	0.4%
74.1%	56.9	57.1	0.2	0.3%
75.3%	56.8	57.0	0.1	0.2%
76.5%	56.8	56.9	0.1	0.2%
77.8%	56.8	56.9	0.1	0.1%
79.0%	56.8	56.8	0.1	0.1%
80.2%	56.7	56.7	0.0	-0.1%
81.5%	56.7	56.7	0.0	0.0%
82.7%	56.7	56.7	0.0	0.0%
84.0%	56.6	56.6	0.0	0.0%
85.2%	56.6	56.6	0.0	0.1%
86.4%	56.5	56.6	0.1	0.2%
87.7%	56.2	56.6	0.3	0.6%
88.9%	56.2	56.3	0.1	0.2%
90.1%	56.2	56.2	0.0	0.0%
91.4%	56.2	56.2	0.0	0.0%
92.6%	56.1	56.1	0.0	-0.1%
93.8%	56.1	56.0	-0.1	-0.1%
95.1%	56.0	55.9	-0.1	-0.1%
96.3%	55.9	54.9	-1.0	-1.8%
97.5%	55.6	54.8	-0.8	-1.5%
98.8%	54.5	54.8	0.3	0.6%
100.0%	54.3	54.5	0.2	0.3%

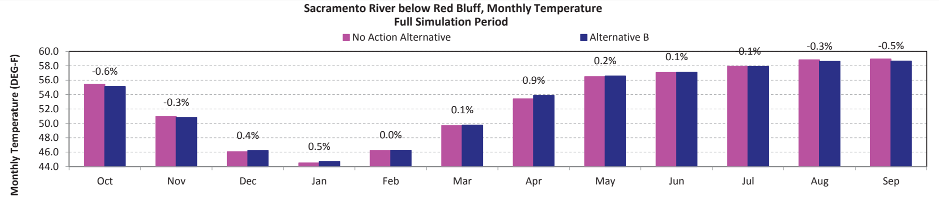
Table SQ-07-5a
Sacramento River below Red Bluff, Monthly Temperature
Long-term Average and Average by Water Year Type

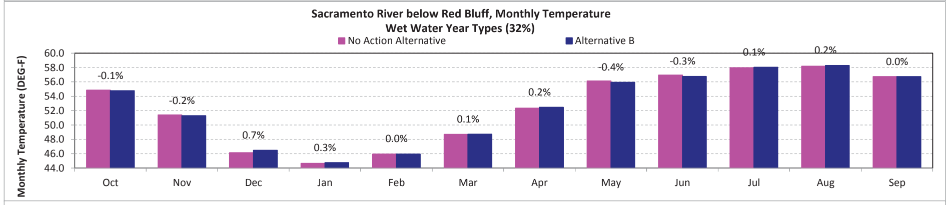
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	55.4	51.0	46.1	44.5	46.2	49.7	53.4	56.5	57.1	57.9	58.8	59.0
Alternative B	55.1	50.8	46.2	44.7	46.3	49.8	53.9	56.6	57.1	57.9	58.6	58.7
Difference	-0.3	-0.1	0.2	0.2	0.0	0.1	0.5	0.1	0.0	0.0	-0.2	-0.3
Percent Difference[3]	-0.6%	-0.3%	0.4%	0.5%	0.0%	0.1%	0.9%	0.2%	0.1%	-0.1%	-0.3%	-0.5%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	54.8	51.4	46.1	44.6	45.9	48.7	52.3	56.1	56.9	58.0	58.2	56.7
Alternative B	54.8	51.3	46.5	44.8	46.0	48.7	52.5	55.9	56.8	58.0	58.3	56.7
Difference	-0.1	-0.1	0.3	0.1	0.0	0.0	0.1	-0.2	-0.2	0.1	0.1	0.0
Percent Difference	-0.1%	-0.2%	0.7%	0.3%	0.0%	0.1%	0.2%	-0.4%	-0.3%	0.1%	0.2%	0.0%
Above Normal (15%)												
No Action Alternative	54.5	50.7	46.5	44.8	46.3	49.9	53.8	57.1	56.4	56.9	58.3	58.0
Alternative B	54.4	50.7	46.9	45.0	46.3	49.9	54.1	56.8	56.6	56.9	58.3	58.1
Difference	-0.2	0.0	0.4	0.2	0.0	0.0	0.3	-0.3	0.1	0.0	0.0	0.1
Percent Difference	-0.3%	0.0%	0.8%	0.4%	0.0%	0.1%	0.6%	-0.5%	0.2%	0.0%	0.0%	0.1%
Below Normal (17%)												
No Action Alternative	54.2	50.4	46.4	44.3	45.9	49.6	53.9	56.6	56.7	57.3	57.9	59.0
Alternative B	54.0	50.4	46.5	44.5	45.9	49.7	54.5	56.8	56.7	57.3	57.9	58.5
Difference	-0.3	-0.1	0.1	0.2	0.0	0.0	0.6	0.2	0.1	0.1	-0.1	-0.5
Percent Difference	-0.5%	-0.1%	0.2%	0.4%	0.0%	0.1%	1.1%	0.4%	0.1%	0.1%	-0.1%	-0.8%
Dry (22%)												
No Action Alternative	55.7	51.1	46.0	44.3	46.4	50.4	54.1	56.2	57.1	57.5	58.6	60.0
Alternative B	55.2	50.8	46.0	44.7	46.4	50.5	54.8	56.5	57.4	57.4	58.4	59.5
Difference	-0.5	-0.3	0.0	0.4	0.0	0.1	0.7	0.3	0.3	0.0	-0.3	-0.5
Percent Difference	-0.9%	-0.5%	0.0%	0.9%	0.0%	0.2%	1.3%	0.6%	0.5%	0.0%	-0.5%	-0.9%
Critical (15%)												
No Action Alternative	58.6	50.7	45.2	44.3	47.1	50.8	53.7	56.9	58.4	60.5	62.0	63.1
Alternative B	57.7	50.4	45.2	44.5	47.1	50.9	54.5	57.6	58.5	60.0	60.9	62.3
Difference	-0.9	-0.3	0.1	0.2	0.1	0.1	0.8	0.7	0.1	-0.4	-1.1	-0.8
Percent Difference	-1.5%	-0.7%	0.2%	0.4%	0.1%	0.2%	1.5%	1.2%	0.1%	-0.7%	-1.7%	-1.3%

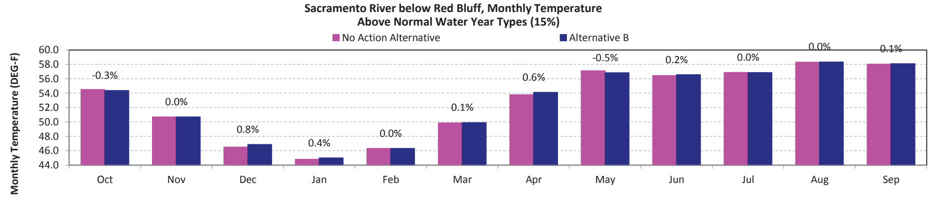
1 Based on the 82-year simulation period

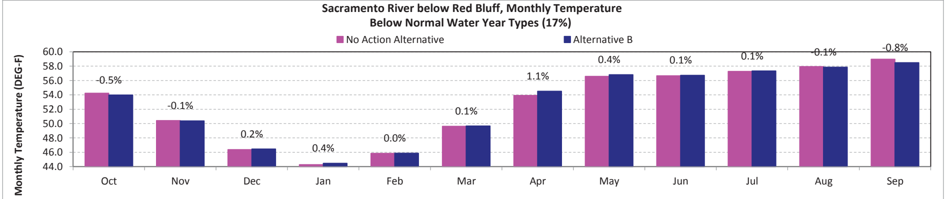
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

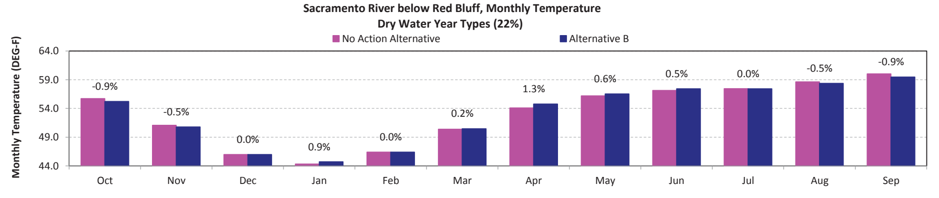
3 Relative difference of the monthly average


Sacramento River below Red Bluff, Monthly Temperature
Full Simulation Period


Sacramento River below Red Bluff, Monthly Temperature
Wet Water Year Types (32%)


Sacramento River below Red Bluff, Monthly Temperature
Above Normal Water Year Types (15%)


Sacramento River below Red Bluff, Monthly Temperature
Below Normal Water Year Types (17%)


Sacramento River below Red Bluff, Monthly Temperature
Dry Water Year Types (22%)

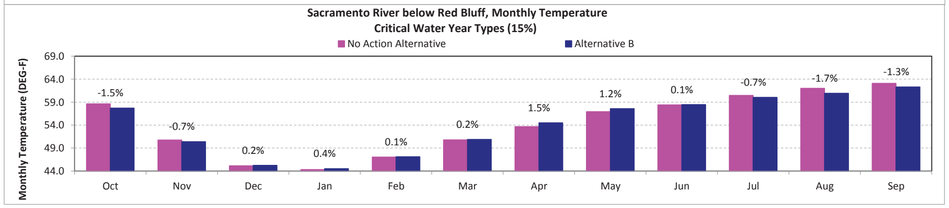

Sacramento River below Red Bluff, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-07-5b
Sacramento River below Red Bluff, Monthly Temperature
Probability of Exceedance

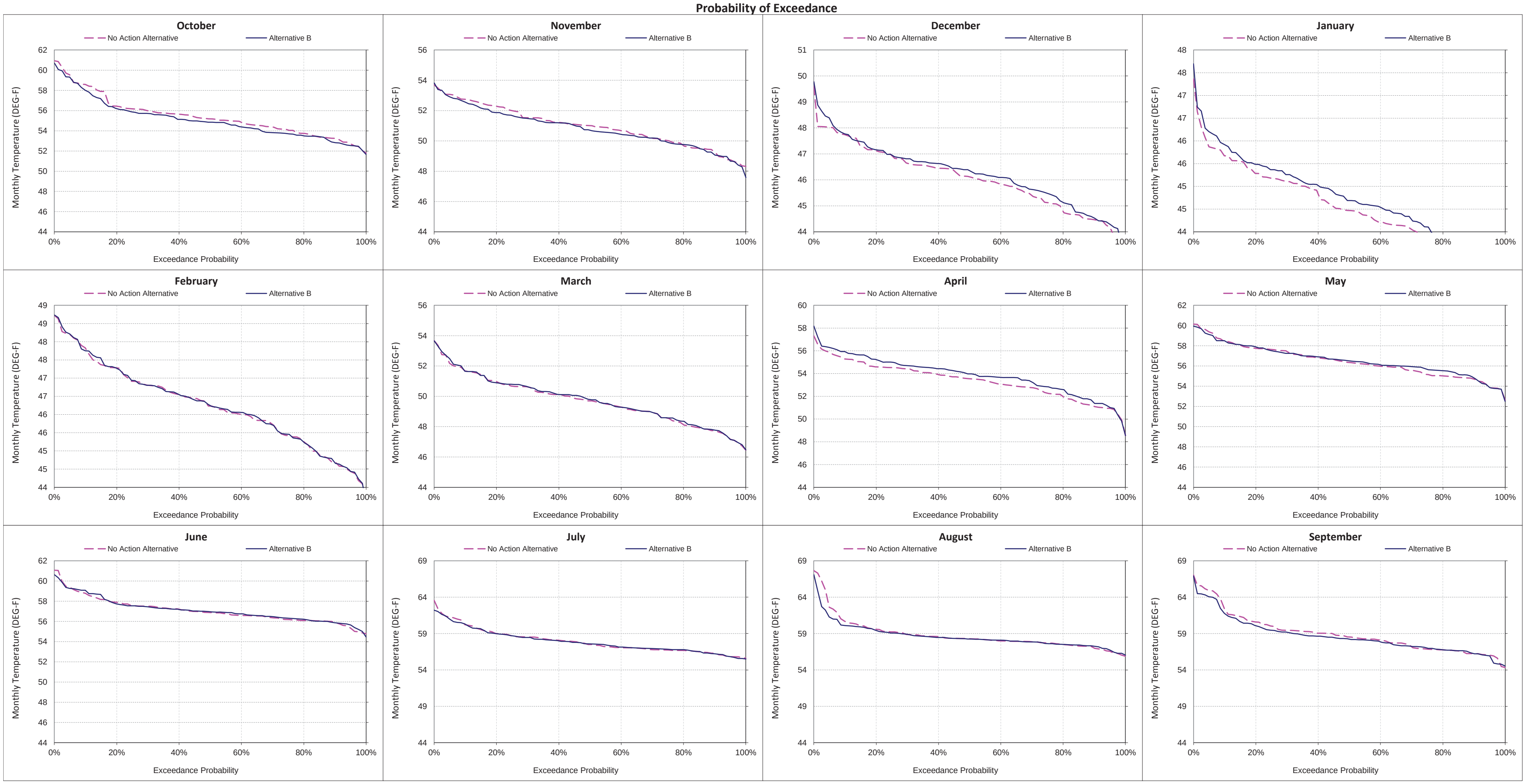


Table SQ-07-5b

Sacramento River below Red Bluff, Monthly Temperature

Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.9	60.7	-0.2	-0.4%
1.2%	60.9	60.1	-0.8	-1.3%
2.5%	60.3	59.9	-0.3	-0.6%
3.7%	59.7	59.4	-0.4	-0.6%
4.9%	59.5	59.3	-0.2	-0.4%
6.2%	58.8	58.8	0.0	0.0%
7.4%	58.7	58.7	0.0	0.0%
8.6%	58.6	58.3	-0.3	-0.6%
9.9%	58.6	58.0	-0.6	-1.0%
11.1%	58.4	57.8	-0.6	-1.0%
12.3%	58.4	57.5	-0.9	-1.6%
13.6%	58.0	57.3	-0.7	-1.3%
14.8%	57.9	57.2	-0.7	-1.2%
16.0%	57.9	56.7	-1.2	-2.0%
17.3%	56.7	56.4	-0.3	-0.6%
18.5%	56.5	56.4	-0.1	-0.1%
19.8%	56.4	56.2	-0.2	-0.4%
21.0%	56.4	56.1	-0.3	-0.5%
22.2%	56.3	56.1	-0.2	-0.3%
23.5%	56.2	56.0	-0.2	-0.4%
24.7%	56.2	55.9	-0.3	-0.5%
25.9%	56.2	55.8	-0.3	-0.6%
27.2%	56.1	55.7	-0.4	-0.7%
28.4%	56.1	55.7	-0.4	-0.7%
29.6%	56.0	55.7	-0.3	-0.5%
30.9%	55.9	55.7	-0.2	-0.4%
32.1%	55.9	55.6	-0.3	-0.5%
33.3%	55.8	55.6	-0.2	-0.4%
34.6%	55.8	55.6	-0.2	-0.4%
35.8%	55.8	55.5	-0.2	-0.4%
37.0%	55.7	55.5	-0.2	-0.4%
38.3%	55.7	55.4	-0.3	-0.6%
39.5%	55.6	55.1	-0.5	-0.9%
40.7%	55.6	55.1	-0.5	-0.9%
42.0%	55.6	55.1	-0.5	-0.8%
43.2%	55.6	55.0	-0.5	-1.0%
44.4%	55.4	55.0	-0.4	-0.8%
45.7%	55.3	55.0	-0.3	-0.6%
46.9%	55.3	54.9	-0.3	-0.6%
48.1%	55.2	54.9	-0.3	-0.6%
49.4%	55.2	54.9	-0.3	-0.6%
50.6%	55.2	54.9	-0.3	-0.6%
51.9%	55.1	54.8	-0.3	-0.6%
53.1%	55.1	54.8	-0.2	-0.4%
54.3%	55.0	54.8	-0.2	-0.4%
55.6%	55.0	54.7	-0.3	-0.6%
56.8%	55.0	54.6	-0.4	-0.7%
58.0%	55.0	54.6	-0.4	-0.7%
59.3%	54.9	54.4	-0.5	-0.9%
60.5%	54.8	54.4	-0.4	-0.7%
61.7%	54.7	54.3	-0.3	-0.6%
63.0%	54.6	54.3	-0.3	-0.6%
64.2%	54.6	54.2	-0.4	-0.7%
65.4%	54.5	54.2	-0.4	-0.6%
66.7%	54.5	54.0	-0.6	-1.0%
67.9%	54.4	53.9	-0.6	-1.1%
69.1%	54.4	53.8	-0.6	-1.1%
70.4%	54.4	53.8	-0.5	-1.0%
71.6%	54.2	53.8	-0.4	-0.7%
72.8%	54.2	53.8	-0.4	-0.7%
74.1%	54.2	53.7	-0.4	-0.8%
75.3%	54.0	53.7	-0.3	-0.6%
76.5%	54.0	53.7	-0.4	-0.7%
77.8%	53.8	53.6	-0.2	-0.5%
79.0%	53.7	53.6	-0.2	-0.4%
80.2%	53.7	53.5	-0.2	-0.5%
81.5%	53.7	53.5	-0.2	-0.4%
82.7%	53.5	53.5	-0.1	-0.2%
84.0%	53.4	53.5	0.0	0.0%
85.2%	53.4	53.4	0.0	0.1%
86.4%	53.4	53.3	0.0	0.0%
87.7%	53.3	53.1	-0.2	-0.4%
88.9%	53.3	52.9	-0.4	-0.7%
90.1%	53.3	52.8	-0.4	-0.8%
91.4%	53.1	52.8	-0.3	-0.6%
92.6%	52.9	52.7	-0.2	-0.3%
93.8%	52.9	52.6	-0.3	-0.5%
95.1%	52.7	52.5	-0.2	-0.3%
96.3%	52.5	52.5	0.0	0.0%
97.5%	52.4	52.5	0.0	0.0%
98.8%	52.0	52.1	0.0	0.0%
100.0%	51.8	51.7	0.0	-0.3%

November				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.7	53.8	0.1	0.2%
1.2%	53.5	53.4	-0.1	-0.2%
2.5%	53.2	53.3	0.1	0.2%
3.7%	53.1	53.0	0.0	-0.1%
4.9%	53.1	52.9	-0.2	-0.3%
6.2%	53.0	52.8	-0.2	-0.4%
7.4%	52.9	52.8	-0.1	-0.2%
8.6%	52.8	52.7	-0.1	-0.2%
9.9%	52.7	52.6	-0.2	-0.3%
11.1%	52.7	52.4	-0.3	-0.5%
12.3%	52.6	52.4	-0.2	-0.4%
13.6%	52.6	52.3	-0.3	-0.5%
14.8%	52.5	52.2	-0.3	-0.6%
16.0%	52.4	52.1	-0.3	-0.6%
17.3%	52.4	52.1	-0.3	-0.5%
18.5%	52.3	51.9	-0.4	-0.8%
19.8%	52.3	51.9	-0.4	-0.8%
21.0%	52.2	51.9	-0.4	-0.7%
22.2%	52.2	51.8	-0.5	-0.9%
23.5%	52.1	51.7	-0.4	-0.7%
24.7%	52.0	51.7	-0.3	-0.6%
25.9%	52.0	51.6	-0.3	-0.7%
27.2%	51.9	51.6	-0.4	-0.7%
28.4%	51.5	51.5	0.0	-0.1%
29.6%	51.5	51.5	0.0	-0.1%
30.9%	51.5	51.5	-0.1	-0.2%
32.1%	51.5	51.4	-0.1	-0.2%
33.3%	51.5	51.3	-0.2	-0.4%
34.6%	51.5	51.3	-0.2	-0.4%
35.8%	51.3	51.2	-0.1	-0.3%
37.0%	51.3	51.2	-0.1	-0.3%
38.3%	51.2	51.2	0.0	-0.1%
39.5%	51.2	51.2	0.0	-0.1%
40.7%	51.2	51.2	0.0	0.0%
42.0%	51.2	51.2	0.0	0.0%
43.2%	51.1	51.1	0.0	0.1%
44.4%	51.1	51.1	-0.1	-0.1%
45.7%	51.1	51.0	-0.1	-0.2%
46.9%	51.1	51.0	-0.1	-0.2%
48.1%	51.0	50.7	-0.3	-0.6%
49.4%	51.0	50.7	-0.3	-0.6%
50.6%	51.0	50.7	-0.3	-0.6%
51.9%	50.9	50.6	-0.3	-0.6%
53.1%	50.9	50.6	-0.3	-0.6%
54.3%	50.9	50.6	-0.3	-0.6%
55.6%	50.9	50.6	-0.3	-0.6%
56.8%	50.8	50.5	-0.2	-0.5%
58.0%	50.7	50.5	-0.2	-0.4%
59.3%	50.7	50.5	-0.3	-0.5%
60.5%	50.7	50.4	-0.2	-0.5%
61.7%	50.6	50.4	-0.2	-0.5%
63.0%	50.5	50.4	-0.1	-0.3%
64.2%	50.4	50.3	-0.1	-0.2%
65.4%	50.4	50.3	-0.2	-0.3%
66.7%	50.4	50.2	-0.2	-0.3%
67.9%	50.3	50.2	-0.1	-0.1%
69.1%	50.2	50.2	0.0	-0.1%
70.4%	50.2	50.2	0.0	0.1%
71.6%	50.2	50.2	0.0	0.0%
72.8%	50.1	50.0	-0.1	-0.2%
74.1%	50.1	50.0	-0.1	-0.1%
75.3%	50.0	49.9	-0.1	-0.2%
76.5%	49.9	49.8	-0.1	-0.1%
77.8%	49.9	49.8	-0.1	-0.2%
79.0%	49.9	49.8	-0.1	-0.2%
80.2%	49.7	49.7	0.1	0.2%
81.5%	49.6	49.7	0.1	0.3%
82.7%	49.5	49.7	0.2	0.3%
84.0%	49.5	49.6	0.1	0.2%
85.2%	49.5	49.5	0.0	-0.1%
86.4%	49.5	49.4	-0.1	-0.1%
87.7%	49.4	49.3	-0.2	-0.4%
88.9%	49.4	49.3	-0.2	-0.4%
90.1%	49.2	49.1	-0.2	-0.4%
91.4%	49.0	49.0	0.1	0.1%
92.6%	48.9	49.0	0.0	0.1%
93.8%	48.8	49.0	0.2	0.4%
95.1%	48.8	48.7	-0.1	-0.2%
96.3%	48.6	48.7	0.0	0.1%
97.5%	48.6	48.4	-0.2	-0.3%
98.8%	48.4	48.3	-0.1	-0.2%
100.0%	48.3	47.6	-0.7	-1.5%

December				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	49.6	49.8	0.2	0.3%
1.2%	48.1	48.9	0.8	1.7%
2.5%	48.1	48.6	0.6	1.2%
3.7%	48.0	48.5	0.4	0.9%
4.9%	48.0	48.4	0.4	0.8%
6.2%	48.0	48.1	0.1	0.2%
7.4%	47.8	47.9	0.1	0.2%
8.6%	47.8	47.8	0.1	0.2%
9.9%	47.7	47.8	0.0	0.1%
11.1%	47.7	47.7	0.1	0.1%
12.3%	47.6	47.6	-0.1	-0.1%
13.6%	47.6	47.5	-0.1	-0.2%
14.8%	47.3	47.5	0.2	0.3%
16.0%	47.3	47.5	0.2	0.4%
17.3%	47.2	47.3	0.1	0.2%
18.5%	47.2	47.2	0.0	0.1%
19.8%	47.1	47.2	0.0	0.1%
21.0%	47.1	47.1	0.1	0.1%
22.2%	47.1	47.1	0.1	0.1%
23.5%	47.1	47.0	-0.1	-0.1%
24.7%	47.0	47.0	0.0	0.0%
25.9%	46.8	46.9	0.1	0.1%
27.2%	46.8	46.9	0.0	0.1%
28.4%	46.8	46.8	0.0	0.1%
29.6%	46.7	46.8	0.2	0.3%
30.9%	46.6	46.8	0.2	0.4%
32.1%	46.6	46.7	0.1	0.3%
33.3%	46.6	46.7	0.1	0.3%
34.6%	46.6	46.7	0.1	0.3%
35.8%	46.6	46.7	0.1	0.3%
37.0%	46.5	46.7	0.1	0.3%
38.3%	46.5	46.6	0.2	0.3%
39.5%	46.4	46.6	0.2	0.4%
40.7%	46.4	46.6	0.2	0.4%
42.0%	46.4	46.6	0.1	0.3%
43.2%	46.4	46.5	0.1	0.2%
44.4%	46.4	46.4	0.0	0.1%
45.7%	46.3	46.4	0.2	0.3%
46.9%	46.2	46.4	0.3	0.6%
48.1%	46.1	46.4	0.2	0.5%
49.4%	46.1	46.4	0.3	0.6%
50.6%	46.1	46.3	0.2	0.5%
51.9%	46.0	46.2	0.2	0.4%
53.1%	46.0	46.2	0.2	0.4%
54.3%	46.0	46.2	0.3	0.6%
55.6%	46.0	46.2	0.2	0.5%
56.8%	45.9	46.1	0.2	0.4%
58.0%	45.9	46.1	0.2	0.5%
59.3%	45.9	46.1	0.2	0.5%
60.5%	45.8	46.1	0.3	0.6%
61.7%	45.8	46.1	0.3	0.6%
63.0%	45.8	46.0	0.3	0.7%
64.2%	45.7	45.9	0.1	0.3%
65.4%	45.6	45.8	0.1	0.3%
66.7%	45.6	45.7	0.2	0.3%
67.9%	45.5	45.7	0.2	0.5%
69.1%	45.5	45.6	0.2	0.4%
70.4%	45.4	45.6	0.3	0.6%
71.6%	45.3	45.6	0.3	0.6%
72.8%	45.3	45.6	0.3	0.6%
74.1%	45.1	45.5	0.4	0.9%
75.3%	45.1	45.5	0.4	0.8%
76.5%	45.1	45.4	0.3	0.7%
77.8%	45.1	45.4	0.3	0.6%
79.0%	45.0	45.2	0.2	0.4%
80.2%	44.7	45.1	0.4	0.9%
81.5%	44.7	45.1	0.4	0.9%
82.7%	44.7	45.0	0.4	0.8%
84.0%	44.7	44.8	0.1	0.2%
85.2%	44.6	44.7	0.1	0.2%
86.4%	44.5	44.7	0.2	0.4%
87.7%	44.5	44.6	0.1	0.3%
88.9%	44.5	44.6	0.1	0.2%
90.1%	44.5	44.5	0.1	0.1%
91.4%	44.4	44.4	0.0	0.0%
92.6%	44.4	44.4	0.0	0.0%
93.8%	44.3	44.4	0.1	0.3%
95.1%	44.2	44.3	0.1	0.3%
96.3%	43.8	44.2	0.3	0.8%
97.5%	43.6	44.1	0.5	1.2%
98.8%	43.6	43.5	-0.1	-0.2%
100.0%	42.1	42.5	0.3	0.7%

January				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.4	47.7	0.3	0.7%
1.2%	46.6	46.7	0.1	0.2%
2.5%	46.3	46.7	0.3	0.8%
3.7%	46.1	46.3	0.2	0.4%
4.9%	45.9	46.2	0.3	0.7%
6.2%	45.8	46.2	0.3	0.7%
7.4%	45.8	46.1	0.3	0.6%
8.6%	45.8	46.0	0.2	0.4%
9.9%	45.7	45.9	0.2	0.5%
11.1%	45.7	45.9	0.2	0.5%
12.3%	45.6	45.7	0.2	0.4%
13.6%	45.6	45.7	0.2	0.4%
14.8%	45.6	45.7	0.1	0.2%
16.0%	45.5	45.6	0.0	0.1%
17.3%	45.4	45.5	0.1	0.3%
18.5%	45.4	45.5	0.1	0.3%
19.8%	45.3	45.5	0.2	0.4%
21.0%	45.3	45.5	0.2	0.4%
22.2%	45.2	45.4	0.2	0.5%
23.5%	45.2	45.4	0.2	0.5%
24.7%	45.2	45.4	0.2	0.4%
25.9%	45.2	45.4	0.2	0.4%
27.2%	45.2	45.3	0.2	0.4%
28.4%	45.1	45.3	0.2	0.5%
29.6%	45.1	45.3	0.1	0.3%
30.9%	45.1	45.3	0.2	0.3%
32.1%	45.1	45.2	0.1	0.3%
33.3%	45.1	45.2	0.1	0.3%
34.6%	45.0	45.1	0.1	0.3%
35.8%	45.0	45.1	0.1	0.2%
37.0%	45.0	45.0	0.1	0.2%
38.3%	44.9	45.0	0.1	0.3%
39.5%	44.9	45.0	0.1	0.3%
40.7%	44.7	45.0	0.3	0.6%
42.0%	44.7	45.0	0.3	0.6%
43.2%	44.6	45.0	0.3	0.7%
44.4%	44.6	44.9	0.3	0.7%
45.7%	44.5	44.8	0.3	0.7%
46.9%	44.5	44.8	0.3	0.7%
48.1%	44.5	44.8	0.3	0.7%
49.4%	44.5	44.7	0.2	0.5%
50.6%	44.5	44.7	0.2	0.5%
51.9%	44.5	44.7	0.2	0.5%
53.1%	44.4	44.6	0.2	0.4%
54.3%	44.4	44.6	0.2	0.5%
55.6%	44.4	44.6	0.2	0.5%
56.8%	44.3	44.6	0.2	0.6%
58.0%	44.3	44.6	0.3	0.7%
59.3%	44.2	44.6	0.3	0.8%
60.5%	44.2	44.5	0.3	0.7%
61.7%	44.2	44.5	0.3	0.7%
63.0%	44.2	44.5	0.3	0.7%
64.2%	44.2	44.4	0.3	0.6%
65.4%	44.1	44.4	0.3	0.6%
66.7%	44.1	44.4	0.3	0.6%
67.9%	44.1	44.3	0.2	0.5%
69.1%	44.1	44.3	0.2	0.6%
70.4%	44.0	44.2	0.2	0.5%
71.6%	44.0	44.2	0.2	0.5%
72.8%	44.0	44.2	0.2	0.5%
74.1%	43.8	44.1	0.3	0.8%
75.3%	43.8	44.1	0.3	0.8%
76.5%	43.7	44.0	0.2	0.5%
77.8%	43.7	44.0	0.2	0.6%
79.0%	43.7	43.8	0.1	0.3%
80.2%	43.5	43.7	0.2	0.5%
81.5%	43.5	43.5	0.0	0.1%
82.7%	43.4	43.5	0.1	0.2%
84.0%	43.4	43.5	0.1	0.2%
85.2%	43.4	43.5	0.2	0.4%
86.4%	43.3	43.5	0.1	0.3%
87.7%	43.2	43.4	0.2	0.4%
88.9%	43.2	43.4	0.2	0.5%
90.1%	43.2	43.4	0.2	0.5%
91.4%	43.1	43.3	0.1	0.3%
92.6%	43.1	43.2	0.1	0.2%
93.8%	43.1	43.2	0.1	0.3%
95.1%	43.0	43.1	0.2	0.4%
96.3%	42.7	42.7	0.0	0.1%
97.5%	42.6	42.7	0.1	0.2%
98.8%	42.6	42.7	0.1	0.3%
100.0%	41.9	42.6	0.7	1.7%

Table SQ-07-5b

Sacramento River below Red Bluff, Monthly Temperature
Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	48.7	48.7	0.0	0.0%
1.2%	48.6	48.7	0.0	0.1%
2.5%	48.3	48.4	0.1	0.3%
3.7%	48.2	48.3	0.0	0.1%
4.9%	48.2	48.2	0.0	0.0%
6.2%	48.1	48.1	0.0	0.0%
7.4%	48.0	48.1	0.0	0.0%
8.6%	47.9	47.8	-0.1	-0.2%
9.9%	47.8	47.8	-0.1	-0.2%
11.1%	47.7	47.7	0.1	0.2%
12.3%	47.5	47.6	0.1	0.3%
13.6%	47.5	47.6	0.1	0.2%
14.8%	47.4	47.6	0.2	0.4%
16.0%	47.3	47.3	0.0	0.0%
17.3%	47.3	47.3	0.0	0.1%
18.5%	47.3	47.3	0.0	0.1%
19.8%	47.3	47.3	0.0	0.0%
21.0%	47.3	47.2	0.0	-0.1%
22.2%	47.1	47.1	0.0	0.0%
23.5%	47.0	47.1	0.1	0.1%
24.7%	46.9	46.9	0.0	0.1%
25.9%	46.9	46.9	0.0	0.0%
27.2%	46.9	46.8	-0.1	-0.1%
28.4%	46.8	46.8	0.0	0.0%
29.6%	46.8	46.8	0.0	0.0%
30.9%	46.8	46.8	0.0	0.0%
32.1%	46.8	46.8	0.0	0.0%
33.3%	46.8	46.7	0.0	-0.1%
34.6%	46.7	46.7	0.0	-0.1%
35.8%	46.7	46.6	0.0	-0.1%
37.0%	46.6	46.6	0.0	0.0%
38.3%	46.6	46.6	0.0	0.1%
39.5%	46.6	46.6	0.0	0.0%
40.7%	46.5	46.5	0.0	0.0%
42.0%	46.5	46.5	0.0	0.0%
43.2%	46.5	46.5	0.0	0.0%
44.4%	46.4	46.4	0.0	-0.1%
45.7%	46.4	46.4	-0.1	-0.1%
46.9%	46.4	46.4	0.0	0.0%
48.1%	46.4	46.4	0.0	0.0%
49.4%	46.2	46.3	0.0	0.1%
50.6%	46.2	46.2	0.0	0.0%
51.9%	46.2	46.2	0.0	0.0%
53.1%	46.1	46.2	0.0	0.1%
54.3%	46.1	46.2	0.0	0.0%
55.6%	46.1	46.1	0.1	0.2%
56.8%	46.0	46.1	0.0	0.1%
58.0%	46.0	46.1	0.0	0.1%
59.3%	46.0	46.1	0.0	0.1%
60.5%	46.0	46.1	0.1	0.1%
61.7%	46.0	46.0	0.0	0.0%
63.0%	45.9	46.0	0.1	0.1%
64.2%	45.8	46.0	0.1	0.3%
65.4%	45.8	45.9	0.1	0.2%
66.7%	45.8	45.8	0.0	0.0%
67.9%	45.8	45.7	-0.1	-0.2%
69.1%	45.8	45.7	0.0	-0.1%
70.4%	45.7	45.7	0.0	0.0%
71.6%	45.6	45.5	0.0	0.0%
72.8%	45.5	45.5	0.0	0.0%
74.1%	45.4	45.5	0.0	0.1%
75.3%	45.4	45.5	0.0	0.1%
76.5%	45.4	45.4	0.0	-0.1%
77.8%	45.4	45.3	0.0	-0.1%
79.0%	45.3	45.3	0.0	0.0%
80.2%	45.2	45.2	0.0	0.0%
81.5%	45.2	45.2	0.0	0.0%
82.7%	45.0	45.1	0.1	0.2%
84.0%	45.0	45.0	0.0	0.0%
85.2%	44.9	44.9	0.0	0.0%
86.4%	44.8	44.8	0.0	0.0%
87.7%	44.8	44.8	0.0	0.0%
88.9%	44.7	44.8	0.1	0.2%
90.1%	44.7	44.7	0.0	-0.1%
91.4%	44.6	44.6	0.1	0.1%
92.6%	44.6	44.6	0.0	0.0%
93.8%	44.5	44.5	0.0	0.1%
95.1%	44.4	44.4	0.0	0.0%
96.3%	44.4	44.4	0.0	0.1%
97.5%	44.2	44.2	0.0	0.1%
98.8%	44.1	44.1	0.0	0.0%
100.0%	43.6	43.6	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.7	53.7	0.0	0.0%
1.2%	53.4	53.3	-0.1	-0.1%
2.5%	52.8	53.0	0.2	0.4%
3.7%	52.7	52.7	0.0	0.0%
4.9%	52.2	52.5	0.3	0.6%
6.2%	52.0	52.1	0.1	0.2%
7.4%	52.0	52.1	0.1	0.2%
8.6%	51.9	52.0	0.1	0.2%
9.9%	51.7	51.7	0.0	0.0%
11.1%	51.6	51.6	0.0	0.0%
12.3%	51.6	51.6	0.0	0.1%
13.6%	51.5	51.6	0.1	0.1%
14.8%	51.5	51.4	-0.1	-0.1%
16.0%	51.3	51.4	0.0	0.1%
17.3%	51.0	51.0	0.0	-0.1%
18.5%	51.0	50.9	-0.1	-0.2%
19.8%	51.0	50.9	-0.1	-0.2%
21.0%	50.9	50.9	0.0	0.0%
22.2%	50.8	50.8	0.0	0.1%
23.5%	50.8	50.8	0.0	0.0%
24.7%	50.7	50.8	0.1	0.2%
25.9%	50.6	50.8	0.1	0.3%
27.2%	50.6	50.8	0.1	0.3%
28.4%	50.6	50.7	0.1	0.1%
29.6%	50.6	50.7	0.0	0.1%
30.9%	50.6	50.6	0.0	0.0%
32.1%	50.4	50.5	0.1	0.3%
33.3%	50.3	50.4	0.1	0.2%
34.6%	50.3	50.3	0.1	0.1%
35.8%	50.2	50.3	0.1	0.2%
37.0%	50.2	50.3	0.1	0.3%
38.3%	50.1	50.2	0.1	0.2%
39.5%	50.1	50.1	0.0	0.0%
40.7%	50.1	50.1	0.0	0.0%
42.0%	50.0	50.1	0.1	0.2%
43.2%	50.0	50.1	0.1	0.2%
44.4%	49.9	50.1	0.2	0.3%
45.7%	49.8	50.1	0.2	0.4%
46.9%	49.8	50.0	0.2	0.4%
48.1%	49.8	49.9	0.1	0.3%
49.4%	49.7	49.8	0.1	0.2%
50.6%	49.7	49.8	0.1	0.1%
51.9%	49.6	49.8	0.1	0.2%
53.1%	49.6	49.6	0.0	0.0%
54.3%	49.5	49.5	0.0	0.0%
55.6%	49.5	49.5	0.0	0.1%
56.8%	49.4	49.4	0.0	0.0%
58.0%	49.4	49.3	0.0	-0.1%
59.3%	49.3	49.3	0.0	-0.1%
60.5%	49.3	49.3	0.0	0.0%
61.7%	49.1	49.2	0.1	0.2%
63.0%	49.1	49.2	0.1	0.1%
64.2%	49.1	49.1	0.1	0.1%
65.4%	49.0	49.1	0.0	0.0%
66.7%	49.0	49.0	0.0	0.0%
67.9%	49.0	49.0	0.0	0.0%
69.1%	49.0	49.0	0.0	0.0%
70.4%	48.9	48.9	0.0	0.0%
71.6%	48.8	48.9	0.0	0.0%
72.8%	48.6	48.6	0.0	0.0%
74.1%	48.6	48.6	0.0	0.0%
75.3%	48.5	48.6	0.0	0.1%
76.5%	48.4	48.6	0.2	0.4%
77.8%	48.3	48.4	0.1	0.2%
79.0%	48.3	48.4	0.1	0.2%
80.2%	48.1	48.4	0.3	0.5%
81.5%	48.1	48.1	0.1	0.2%
82.7%	48.0	48.1	0.1	0.2%
84.0%	48.0	48.1	0.1	0.3%
85.2%	47.9	48.0	0.1	0.1%
86.4%	47.8	47.9	0.0	0.0%
87.7%	47.8	47.8	0.0	0.0%
88.9%	47.7	47.8	0.1	0.2%
90.1%	47.7	47.8	0.0	0.1%
91.4%	47.6	47.7	0.1	0.2%
92.6%	47.6	47.6	0.0	0.0%
93.8%	47.4	47.4	0.0	0.0%
95.1%	47.2	47.2	0.0	0.0%
96.3%	47.1	47.1	0.0	0.0%
97.5%	46.9	47.0	0.0	0.0%
98.8%	46.7	46.8	0.1	0.1%
100.0%	46.5	46.5	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	57.3	58.2	0.9	1.5%
1.2%	56.6	57.2	0.6	1.1%
2.5%	56.2	56.4	0.3	0.5%
3.7%	56.0	56.4	0.4	0.7%
4.9%	55.9	56.3	0.4	0.7%
6.2%	55.7	56.2	0.5	0.9%
7.4%	55.6	56.1	0.5	0.9%
8.6%	55.5	55.9	0.5	0.9%
9.9%	55.3	55.9	0.7	1.2%
11.1%	55.3	55.8	0.5	0.9%
12.3%	55.2	55.8	0.5	0.9%
13.6%	55.1	55.7	0.6	1.1%
14.8%	55.1	55.6	0.6	1.1%
16.0%	55.0	55.6	0.6	1.1%
17.3%	54.7	55.5	0.8	1.5%
18.5%	54.7	55.3	0.6	1.1%
19.8%	54.6	55.2	0.6	1.2%
21.0%	54.6	55.1	0.6	1.0%
22.2%	54.6	55.0	0.4	0.8%
23.5%	54.5	55.0	0.5	0.9%
24.7%	54.5	55.0	0.5	0.8%
25.9%	54.5	55.0	0.4	0.8%
27.2%	54.5	54.8	0.3	0.6%
28.4%	54.4	54.7	0.3	0.5%
29.6%	54.4	54.7	0.3	0.5%
30.9%	54.4	54.7	0.3	0.5%
32.1%	54.2	54.7	0.4	0.8%
33.3%	54.2	54.6	0.4	0.7%
34.6%	54.1	54.6	0.5	0.9%
35.8%	54.1	54.6	0.5	0.9%
37.0%	54.1	54.5	0.4	0.8%
38.3%	54.0	54.5	0.5	0.9%
39.5%	53.9	54.4	0.5	0.9%
40.7%	53.9	54.4	0.6	1.1%
42.0%	53.9	54.4	0.6	1.0%
43.2%	53.8	54.3	0.5	1.0%
44.4%	53.7	54.3	0.6	1.1%
45.7%	53.7	54.2	0.5	0.9%
46.9%	53.7	54.2	0.5	0.9%
48.1%	53.6	54.1	0.5	0.9%
49.4%	53.6	54.0	0.4	0.8%
50.6%	53.5	54.0	0.4	0.8%
51.9%	53.5	53.9	0.4	0.7%
53.1%	53.5	53.8	0.3	0.5%
54.3%	53.4	53.7	0.3	0.6%
55.6%	53.4	53.7	0.4	0.7%
56.8%	53.3	53.7	0.5	0.9%
58.0%	53.2	53.7	0.5	1.0%
59.3%	53.1	53.7	0.6	1.1%
60.5%	53.1	53.7	0.6	1.1%
61.7%	53.0	53.7	0.7	1.2%
63.0%	53.0	53.7	0.7	1.3%
64.2%	52.9	53.6	0.7	1.4%
65.4%	52.9	53.6	0.8	1.4%
66.7%	52.8	53.4	0.6	1.1%
67.9%	52.8	53.4	0.6	1.1%
69.1%	52.8	53.4	0.6	1.1%
70.4%	52.8	53.2	0.5	0.9%
71.6%	52.7	52.9	0.3	0.5%
72.8%	52.5	52.9	0.4	0.7%
74.1%	52.3	52.9	0.5	1.0%
75.3%	52.3	52.8	0.6	1.1%
76.5%	52.2	52.7	0.5	1.0%
77.8%	52.2	52.7	0.5	1.0%
79.0%	52.2	52.6	0.5	0.9%
80.2%	51.9	52.6	0.7	1.3%
81.5%	51.8	52.2	0.4	0.8%
82.7%	51.7	52.2	0.4	0.8%
84.0%	51.6	52.0	0.5	0.9%
85.2%	51.5	51.9	0.5	0.9%
86.4%	51.3	51.8	0.5	0.9%
87.7%	51.3	51.8	0.5	1.0%
88.9%	51.2	51.7	0.5	0.9%
90.1%	51.1	51.4	0.3	0.5%
91.4%	51.0	51.4	0.3	0.7%
92.6%	51.0	51.4	0.4	0.7%
93.8%	50.9	51.2	0.3	0.5%
95.1%	50.9	51.0	0.1	0.1%
96.3%	50.8	50.9	0.1	0.2%
97.5%	50.4	50.4	-0.1	-0.1%
98.8%	49.9	49.8	-0.1	-0.2%
100.0%	48.5	48.5	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.1	60.0	-0.2	-0.3%
1.2%	60.1	59.8	-0.3	-0.5%
2.5%	59.7	59.7	0.0	0.1%
3.7%	59.6	59.3	-0.4	-0.6%
4.9%	59.4	59.1	-0.2	-0.4%
6.2%	59.2	59.0	-0.2	-0.4%
7.4%	58.8	58.5	-0.3	-0.4%
8.6%	58.7	58.5	-0.2	-0.3%
9.9%	58.4	58.5	0.1	0.1%
11.1%	58.4	58.3	-0.1	-0.2%
12.3%	58.3	58.2	-0.1	-0.1%
13.6%	58.1	58.2	0.0	0.0%
14.8%	58.1	58.1	0.0	0.1%
16.0%	57.9	58.0	0.1	0.2%
17.3%	57.8	58.0	0.2	0.3%
18.5%	57.8	58.0	0.2	0.3%
19.8%	57.8	57.9	0.2	0.3%
21.0%	57.7	57.8	0.1	0.1%
22.2%	57.7	57.8	0.1	0.1%
23.5%	57.7	57.6	0.0	-0.1%
24.7%	57.6	57.5	-0.1	-0.2%
25.9%	57.6	57.5	-0.1	-0.2%
27.2%	57.5	57.4	-0.1	-0.2%
28.4%	57.5	57.3	-0.2	-0.3%
29.6%	57.5	57.3	-0.2	-0.4%
30.9%	57.3	57.3	0.0	0.0%
32.1%	57.2	57.3	0.1	0.1%
33.3%	57.1	57.1	0.0	0.0%
34.6%	57.1	57.0	-0.1	-0.2%
35.8%	56.9	57.0	0.1	0.2%
37.0%	56.9	57.0	0.1	0.2%
38.3%	56.9	57.0	0.1	0.2%
39.5%	56.8	56.9	0.1	0.2%
40.7%	56.8	56.9	0.1	0.2%
42.0%	56.7	56.9	0.1	0.2%
43.2%	56.7	56.7	0.0	-0.1%
44.4%	56.7	56.7	0.0	-0.1%
45.7%	56.6	56.7	0.1	0.2%
46.9%	56.5	56.6	0.1	0.2%
48.1%	56.4	56.6	0.1	0.3%
49.4%	56.4	56.5	0.2	0.3%
50.6%	56.3	56.5	0.1	0.3%
51.9%	56.3	56.5	0.2	0.3%
53.1%	56.2	56.4	0.2	0.3%
54.3%	56.2	56.4	0.2	0.4%
55.6%	56.2	56.3	0.1	0.3%
56.8%	56.1	56.2	0.1	0.2%
58.0%	56.0	56.2	0.2	0.3%
59.3%	56.0	56.2	0.2	0.3%
60.5%	56.0	56.1	0.1	0.2%
61.7%	55.9	56.1	0.1	0.2%
63.0%	55.9	56.0	0.1	0.2%
64.2%	55.9	56.0	0.1	0.3%
65.4%	55.9	56.0	0.1	0.3%
66.7%	55.9	56.0	0.1	0.2%
67.9%	55.6	56.0	0.4	0.6%
69.1%	55.6	56.0	0.4	0.7%
70.4%	55.6	55.9	0.4	0.6%
71.6%	55.5	55.9	0.4	0.8%
72.8%	55.4	55.9	0.5	0.9%
74.1%	55.2	55.8	0.6	1.1%
75.3%	55.1	55.6	0.5	0.9%
76.5%	55.0	55.6	0.5	1.0%
77.8%	55.0	55.6	0.5	1.0%
79.0%	55.0	55.6	0.5	0.9%
80.2%	55.0	55.5	0.5	0.9%
81.5%	55.0	55.5	0.5	0.9%
82.7%	55.0	55.4	0.4	0.8%
84.0%	54.9	55.4	0.5	0.8%
85.2%	54.9	55.2	0.3	0.5%
86.4%	54.8	55.1	0.3	0.5%
87.7%	54.8	55.1	0.3	0.5%
88.9%	54.8	55.0	0.2	0.3%
90.1%	54.7	54.8	0.1	0.2%
91.4%	54.5	54.5	0.0	0.0%
92.6%	54.4	54.3	-0.2	-0.3%
93.8%	54.2	54.2	0.0	0.0%
95.1%	53.8	53.9	0.0	0.1%
96.3%	53.8	53.8	0.0	-0.1%
97.5%	53.8	53.8	0.0	-0.1%
98.8%	53.7	53.7	0.1	0.1%
100.0%	52.6	52.5	-0.1	-0.2%

Table SQ-07-5b

Sacramento River below Red Bluff, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	61.1	60.6	-0.4	-0.7%
1.2%	61.0	60.3	-0.7	-1.2%
2.5%	59.9	59.9	-0.1	-0.2%
3.7%	59.5	59.4	-0.1	-0.2%
4.9%	59.4	59.3	-0.1	-0.2%
6.2%	59.1	59.2	0.1	0.2%
7.4%	59.0	59.2	0.2	0.3%
8.6%	58.9	59.1	0.2	0.3%
9.9%	58.8	59.1	0.3	0.5%
11.1%	58.6	58.8	0.2	0.3%
12.3%	58.5	58.8	0.3	0.5%
13.6%	58.3	58.7	0.4	0.7%
14.8%	58.2	58.7	0.5	0.9%
16.0%	58.2	58.2	0.0	0.0%
17.3%	58.0	58.1	0.1	0.1%
18.5%	57.9	57.9	0.0	-0.1%
19.8%	57.9	57.7	-0.1	-0.3%
21.0%	57.9	57.7	-0.2	-0.4%
22.2%	57.7	57.6	-0.1	-0.2%
23.5%	57.7	57.6	-0.2	-0.3%
24.7%	57.6	57.5	0.0	0.0%
25.9%	57.5	57.5	0.0	0.0%
27.2%	57.5	57.5	0.0	-0.1%
28.4%	57.5	57.5	0.0	0.0%
29.6%	57.5	57.5	0.0	0.0%
30.9%	57.5	57.4	-0.1	-0.2%
32.1%	57.5	57.4	-0.1	-0.2%
33.3%	57.4	57.3	-0.1	-0.1%
34.6%	57.3	57.3	0.0	-0.1%
35.8%	57.3	57.3	0.0	-0.1%
37.0%	57.3	57.2	0.0	-0.1%
38.3%	57.3	57.2	-0.1	-0.1%
39.5%	57.2	57.2	0.0	-0.1%
40.7%	57.2	57.1	0.0	0.0%
42.0%	57.1	57.1	0.0	0.0%
43.2%	57.0	57.1	0.1	0.1%
44.4%	57.0	57.0	0.0	0.1%
45.7%	57.0	57.0	0.0	0.1%
46.9%	57.0	57.0	0.0	0.1%
48.1%	56.9	57.0	0.1	0.2%
49.4%	56.9	57.0	0.1	0.2%
50.6%	56.9	56.9	0.1	0.1%
51.9%	56.9	56.9	0.1	0.1%
53.1%	56.8	56.9	0.1	0.1%
54.3%	56.8	56.9	0.1	0.2%
55.6%	56.8	56.9	0.1	0.2%
56.8%	56.6	56.9	0.2	0.4%
58.0%	56.6	56.8	0.1	0.3%
59.3%	56.6	56.8	0.2	0.3%
60.5%	56.6	56.7	0.2	0.3%
61.7%	56.6	56.6	0.1	0.1%
63.0%	56.6	56.6	0.1	0.1%
64.2%	56.5	56.6	0.0	0.1%
65.4%	56.5	56.6	0.0	0.1%
66.7%	56.5	56.6	0.0	0.0%
67.9%	56.4	56.5	0.1	0.1%
69.1%	56.4	56.5	0.1	0.2%
70.4%	56.3	56.5	0.1	0.2%
71.6%	56.3	56.4	0.1	0.1%
72.8%	56.2	56.4	0.1	0.3%
74.1%	56.2	56.3	0.2	0.3%
75.3%	56.2	56.3	0.1	0.2%
76.5%	56.1	56.3	0.1	0.2%
77.8%	56.1	56.3	0.1	0.2%
79.0%	56.1	56.2	0.1	0.2%
80.2%	56.1	56.2	0.1	0.2%
81.5%	56.1	56.1	0.0	0.1%
82.7%	56.1	56.0	0.0	-0.1%
84.0%	56.1	56.0	0.0	0.0%
85.2%	56.0	56.0	0.0	0.0%
86.4%	56.0	56.0	0.0	-0.1%
87.7%	56.0	56.0	0.0	0.0%
88.9%	56.0	55.9	-0.1	-0.2%
90.1%	55.9	55.9	0.0	0.0%
91.4%	55.8	55.8	0.0	0.1%
92.6%	55.6	55.8	0.2	0.3%
93.8%	55.6	55.8	0.2	0.3%
95.1%	55.3	55.7	0.3	0.6%
96.3%	55.0	55.4	0.4	0.7%
97.5%	55.0	55.2	0.2	0.4%
98.8%	54.9	55.0	0.1	0.2%
100.0%	54.8	54.5	-0.3	-0.6%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	63.6	62.2	-1.3	-2.1%
1.2%	62.4	62.0	-0.4	-0.6%
2.5%	61.8	61.6	-0.1	-0.2%
3.7%	61.4	61.4	0.0	0.1%
4.9%	61.3	61.0	-0.3	-0.5%
6.2%	61.2	60.6	-0.5	-0.9%
7.4%	61.0	60.5	-0.5	-0.8%
8.6%	60.9	60.5	-0.4	-0.6%
9.9%	60.2	60.3	0.1	0.1%
11.1%	60.1	60.0	-0.1	-0.2%
12.3%	60.0	59.8	-0.3	-0.4%
13.6%	59.7	59.7	0.0	0.0%
14.8%	59.6	59.7	0.1	0.2%
16.0%	59.4	59.4	0.0	0.1%
17.3%	59.4	59.1	-0.3	-0.4%
18.5%	59.2	59.1	-0.2	-0.3%
19.8%	59.0	59.0	0.0	0.0%
21.0%	59.0	58.9	-0.1	-0.1%
22.2%	58.9	58.9	0.0	-0.1%
23.5%	58.9	58.8	-0.1	-0.1%
24.7%	58.7	58.7	0.0	0.0%
25.9%	58.6	58.7	0.1	0.1%
27.2%	58.5	58.5	0.0	0.0%
28.4%	58.5	58.5	-0.1	-0.1%
29.6%	58.5	58.4	-0.1	-0.1%
30.9%	58.5	58.4	-0.1	-0.1%
32.1%	58.5	58.2	-0.3	-0.5%
33.3%	58.4	58.2	-0.2	-0.4%
34.6%	58.3	58.2	-0.1	-0.1%
35.8%	58.2	58.1	-0.1	-0.2%
37.0%	58.1	58.1	0.0	-0.1%
38.3%	58.1	58.1	-0.1	-0.1%
39.5%	58.1	58.0	0.0	-0.1%
40.7%	58.0	57.9	-0.1	-0.2%
42.0%	58.0	57.9	-0.1	-0.1%
43.2%	58.0	57.9	-0.1	-0.1%
44.4%	57.9	57.8	-0.1	-0.2%
45.7%	57.9	57.8	-0.1	-0.2%
46.9%	57.7	57.7	0.1	0.1%
48.1%	57.7	57.6	-0.1	-0.1%
49.4%	57.5	57.6	0.1	0.1%
50.6%	57.5	57.6	0.1	0.1%
51.9%	57.4	57.6	0.2	0.3%
53.1%	57.4	57.5	0.1	0.3%
54.3%	57.2	57.5	0.3	0.5%
55.6%	57.2	57.4	0.2	0.4%
56.8%	57.2	57.3	0.1	0.3%
58.0%	57.1	57.3	0.2	0.3%
59.3%	57.1	57.1	0.1	0.1%
60.5%	57.1	57.1	0.1	0.1%
61.7%	57.0	57.1	0.0	0.1%
63.0%	57.0	57.1	0.0	0.0%
64.2%	57.0	57.1	0.0	0.0%
65.4%	57.0	57.0	0.0	0.0%
66.7%	56.9	57.0	0.0	0.1%
67.9%	56.9	57.0	0.1	0.1%
69.1%	56.8	57.0	0.2	0.3%
70.4%	56.8	56.9	0.2	0.3%
71.6%	56.8	56.9	0.1	0.2%
72.8%	56.8	56.9	0.1	0.2%
74.1%	56.7	56.9	0.1	0.2%
75.3%	56.7	56.8	0.1	0.2%
76.5%	56.7	56.8	0.1	0.2%
77.8%	56.7	56.8	0.1	0.2%
79.0%	56.7	56.8	0.1	0.2%
80.2%	56.7	56.8	0.1	0.2%
81.5%	56.6	56.7	0.1	0.2%
82.7%	56.6	56.6	0.0	0.0%
84.0%	56.6	56.5	0.0	0.0%
85.2%	56.5	56.5	0.0	0.1%
86.4%	56.4	56.3	-0.1	-0.2%
87.7%	56.4	56.3	-0.1	-0.1%
88.9%	56.3	56.3	0.0	-0.1%
90.1%	56.3	56.2	-0.1	-0.1%
91.4%	56.1	56.1	0.0	0.1%
92.6%	56.1	56.1	0.1	0.1%
93.8%	55.9	55.9	0.0	0.0%
95.1%	55.8	55.8	0.0	0.0%
96.3%	55.8	55.7	-0.1	-0.2%
97.5%	55.8	55.6	-0.2	-0.4%
98.8%	55.7	55.6	-0.1	-0.3%
100.0%	55.6	55.5	-0.1	-0.2%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.6	67.1	-0.6	-0.8%
1.2%	67.3	64.8	-2.5	-3.7%
2.5%	66.3	62.7	-3.5	-5.4%
3.7%	65.0	62.2	-2.8	-4.3%
4.9%	62.6	61.3	-1.4	-2.2%
6.2%	62.4	61.0	-1.4	-2.2%
7.4%	61.9	61.0	-0.9	-1.5%
8.6%	61.0	60.2	-0.8	-1.4%
9.9%	60.7	60.1	-0.6	-1.0%
11.1%	60.5	60.1	-0.4	-0.7%
12.3%	60.4	60.0	-0.4	-0.7%
13.6%	60.3	60.0	-0.4	-0.6%
14.8%	60.1	59.9	-0.2	-0.3%
16.0%	60.0	59.8	-0.2	-0.3%
17.3%	59.8	59.7	-0.1	-0.1%
18.5%	59.7	59.7	0.0	0.0%
19.8%	59.6	59.5	-0.1	-0.2%
21.0%	59.5	59.3	-0.3	-0.5%
22.2%	59.3	59.2	-0.1	-0.1%
23.5%	59.3	59.2	-0.1	-0.2%
24.7%	59.2	59.1	-0.2	-0.3%
25.9%	59.2	59.1	-0.2	-0.3%
27.2%	59.1	59.0	-0.1	-0.2%
28.4%	59.1	59.0	-0.1	-0.2%
29.6%	58.9	58.9	0.1	0.1%
30.9%	58.8	58.8	0.0	-0.1%
32.1%	58.8	58.7	-0.1	-0.2%
33.3%	58.8	58.7	-0.1	-0.2%
34.6%	58.7	58.6	0.0	-0.1%
35.8%	58.7	58.6	-0.1	-0.1%
37.0%	58.6	58.5	-0.1	-0.1%
38.3%	58.6	58.5	-0.1	-0.1%
39.5%	58.6	58.5	-0.1	-0.2%
40.7%	58.6	58.5	-0.1	-0.2%
42.0%	58.4	58.4	0.1	0.1%
43.2%	58.4	58.4	0.0	0.0%
44.4%	58.3	58.3	0.0	0.0%
45.7%	58.3	58.3	0.0	0.0%
46.9%	58.3	58.3	0.0	0.0%
48.1%	58.3	58.3	-0.1	-0.1%
49.4%	58.3	58.3	0.0	-0.1%
50.6%	58.3	58.2	0.0	0.0%
51.9%	58.3	58.2	0.0	-0.1%
53.1%	58.2	58.2	-0.1	-0.1%
54.3%	58.2	58.2	0.0	0.0%
55.6%	58.1	58.1	0.0	0.0%
56.8%	58.1	58.1	0.0	0.0%
58.0%	58.1	58.1	0.0	0.0%
59.3%	58.0	58.1	0.1	0.2%
60.5%	58.0	58.1	0.1	0.2%
61.7%	58.0	58.1	0.1	0.1%
63.0%	57.9	58.0	0.0	0.0%
64.2%	57.9	57.9	0.0	0.0%
65.4%	57.9	57.9	0.0	0.0%
66.7%	57.9	57.9	0.0	0.0%
67.9%	57.9	57.9	0.0	-0.1%
69.1%	57.9	57.9	0.0	-0.1%
70.4%	57.8	57.9	0.0	0.0%
71.6%	57.8	57.8	0.0	-0.1%
72.8%	57.7	57.8	0.0	0.0%
74.1%	57.7	57.7	-0.1	-0.1%
75.3%	57.7	57.6	-0.1	-0.1%
76.5%	57.7	57.6	-0.1	-0.1%
77.8%	57.6	57.5	-0.1	-0.1%
79.0%	57.5	57.5	0.0	0.0%
80.2%	57.5	57.5	0.0	0.0%
81.5%	57.4	57.5	0.0	0.0%
82.7%	57.4	57.5	0.1	0.1%
84.0%	57.4	57.4	0.1	0.1%
85.2%	57.3	57.4	0.1	0.2%
86.4%	57.3	57.4	0.1	0.2%
87.7%	57.3	57.3	0.1	0.1%
88.9%	57.3	57.3	0.1	0.1%
90.1%	57.0	57.3	0.3	0.5%
91.4%	56.9	57.2	0.3	0.5%
92.6%	56.8	56.9	0.1	0.2%
93.8%	56.6	56.9	0.3	0.5%
95.1%	56.6	56.7	0.2	0.3%
96.3%	56.3	56.4	0.1	0.2%
97.5%	56.3	56.3	0.0	0.1%
98.8%	56.0	56.3	0.3	0.5%
100.0%	55.9	56.0	0.2	0.3%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.0	66.9	-0.1	-0.2%
1.2%	65.6	64.5	-1.2	-1.8%
2.5%	65.6	64.4	-1.1	-1.7%
3.7%	65.2	64.3	-0.9	-1.3%
4.9%	64.9	64.1	-0.9	-1.3%
6.2%	64.9	64.0	-0.9	-1.4%
7.4%	64.4	63.7	-0.7	-1.1%
8.6%	63.8	62.4	-1.3	-2.1%
9.9%	62.4	61.8	-0.7	-1.1%
11.1%	61.6	61.4	-0.3	-0.4%
12.3%	61.6	61.2	-0.4	-0.6%
13.6%	61.5	61.1	-0.4	-0.6%
14.8%	61.4	60.7	-0.7	-1.1%
16.0%	61.2	60.4	-0.8	-1.3%
17.3%	60.8	60.4	-0.4	-0.6%
18.5%	60.7	60.3	-0.4	-0.6%
19.8%	60.6	60.1	-0.5	-0.8%
21.0%	60.6	60.0	-0.6	-1.0%
22.2%	60.2	59.8	-0.5	-0.8%
23.5%	60.2	59.5	-0.7	-1.2%
24.7%	60.0	59.5	-0.6	-1.0%
25.9%	60.0	59.4	-0.5	-0.9%
27.2%	59.6	59.3	-0.3	-0.5%
28.4%	59.5	59.2	-0.2	-0.4%
29.6%	59.4	59.2	-0.2	-0.4%
30.9%	59.4	59.1	-0.3	-0.6%
32.1%	59.4	59.0	-0.4	-0.7%
33.3%	59.4	59.0	-0.4	-0.7%
34.6%	59.3	58.9	-0.5	-0.8%
35.8%	59.3	58.8	-0.5	-0.9%
37.0%	59.3	58.7	-0.6	-1.0%
38.3%	59.2	58.7	-0.5	-0.9%
39.5%	59.1	58.7	-0.4	-0.7%
40.7%	59.0	58.6	-0.4	-0.7%
42.0%	59.0	58.6	-0.5	-0.8%
43.2%	59.0	58.5	-0.5	-0.9%
44.4%	59.0	58.5	-0.5	-0.8%
45.7%	58.8	58.4	-0.4	-0.6%
46.9%	58.7	58.3	-0.4	-0.7%
48.1%	58.7	58.3	-0.4	-0.7%
49.4%	58.5	58.3	-0.3	-0.4%
50.6%	58.5	58.2	-0.3	-0.6%
51.9%	58.4	58.2	-0.3	-0.4%
53.1%	58.4	58.2	-0.2	-0.3%
54.3%	58.3	58.1	-0.1	-0.2%
55.6%	58.3	58.1	-0.2	-0.3%
56.8%	58.2	58.1	-0.2	-0.3%
58.0%	58.2	58.0	-0.2	-0.4%
59.3%	58.1	58.0	-0.2	-0.3%
60.5%	58.1	57.8	-0.3	-0.6%
61.7%	58.0	57.7	-0.2	-0.4%
63.0%	57.7	57.7	0.0	-0.1%
64.2%	57.7	57.5	-0.2	-0.4%
65.4%	57.7	57.4	-0.3	-0.5%
66.7%	57.7	57.3	-0.4	-0.6%
67.9%	57.6	57.3	-0.3	-0.5%
69.1%	57.5	57.3	-0.2	-0.3%
70.4%	57.0	57.2	0.2	0.3%
71.6%	57.0	57.2	0.2	0.4%
72.8%	56.9	57.2	0.2	0.4%
74.1%	56.9	57.1	0.2	0.4%
75.3%	56.8	57.0	0.1	0.2%
76.5%	56.8	57.0	0.2	0.3%
77.8%	56.8	56.9	0.1	0.1%
79.0%	56.8	56.8	0.1	0.1%
80.2%	56.8	56.7	0.0	0.0%
81.5%	56.7	56.7	0.0	0.0%
82.7%	56.7	56.7	0.0	0.0%
84.0%	56.6	56.6	0.0	0.0%
85.2%	56.6	56.6	0.0	0.1%
86.4%	56.5	56.6	0.1	0.2%
87.7%	56.3	56.6	0.3	0.6%
88.9%	56.2	56.3	0.1	0.2%
90.1%	56.2	56.2	0.0	0.0%
91.4%	56.2	56.2	0.0	0.0%
92.6%	56.1	56.1	0.0	-0.1%
93.8%	56.1	56.0	-0.1	-0.1%
95.1%	56.0	55.9	-0.1	-0.1%
96.3%	55.9	54.9	-1.0	-1.8%
97.5%	55.6	54.8	-0.8	-1.4%
98.8%	54.5	54.8	0.3	0.6%
100.0%	54.3	54.5	0.2	0.3%

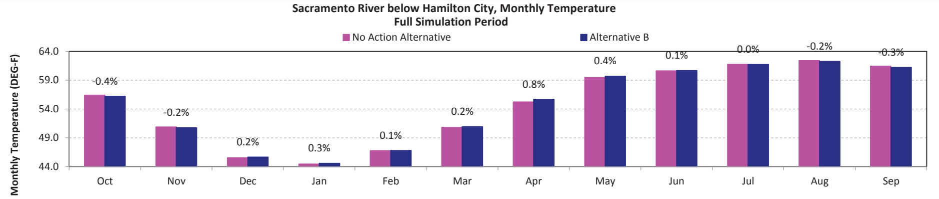
Table SQ-08-5a
Sacramento River below Hamilton City, Monthly Temperature
Long-term Average and Average by Water Year Type

Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	56.4	50.9	45.5	44.4	46.8	50.8	55.2	59.5	60.6	61.7	62.4	61.4
Alternative B	56.2	50.8	45.6	44.6	46.8	50.9	55.7	59.7	60.7	61.7	62.3	61.2
Difference	-0.2	-0.1	0.1	0.1	0.0	0.1	0.4	0.2	0.1	0.0	-0.1	-0.2
Percent Difference[3]	-0.4%	-0.2%	0.2%	0.3%	0.1%	0.2%	0.8%	0.4%	0.1%	0.0%	-0.2%	-0.3%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	55.8	51.2	45.6	44.7	46.4	49.6	53.8	59.0	60.6	62.0	61.9	59.0
Alternative B	55.7	51.2	45.8	44.8	46.4	49.7	53.9	58.9	60.3	62.0	62.1	59.1
Difference	-0.1	-0.1	0.2	0.1	0.0	0.1	0.2	-0.1	-0.2	0.0	0.2	0.0
Percent Difference	-0.1%	-0.2%	0.5%	0.1%	0.1%	0.2%	0.3%	-0.1%	-0.4%	0.1%	0.2%	0.1%
Above Normal (15%)												
No Action Alternative	55.7	50.5	45.9	44.8	46.8	50.8	55.4	60.2	60.3	60.8	62.0	60.7
Alternative B	55.6	50.5	46.1	44.9	46.8	51.0	55.8	60.1	60.5	60.7	62.1	60.9
Difference	-0.1	0.0	0.2	0.1	0.0	0.1	0.3	-0.1	0.1	-0.1	0.1	0.2
Percent Difference	-0.2%	0.0%	0.5%	0.3%	0.1%	0.2%	0.6%	-0.2%	0.2%	-0.1%	0.1%	0.3%
Below Normal (17%)												
No Action Alternative	55.5	50.5	45.8	44.2	46.3	50.8	55.9	59.7	60.2	61.2	61.7	61.9
Alternative B	55.3	50.4	45.8	44.3	46.3	50.9	56.5	60.0	60.4	61.2	61.7	61.5
Difference	-0.2	0.0	0.0	0.1	0.0	0.1	0.6	0.4	0.1	0.1	0.0	-0.4
Percent Difference	-0.4%	-0.1%	0.0%	0.3%	0.1%	0.3%	1.0%	0.6%	0.2%	0.1%	0.0%	-0.7%
Dry (22%)												
No Action Alternative	56.7	51.0	45.5	44.1	46.9	51.6	56.2	59.3	60.7	61.2	62.1	62.7
Alternative B	56.5	50.8	45.5	44.4	46.9	51.7	56.8	59.7	61.0	61.2	62.0	62.3
Difference	-0.2	-0.2	0.0	0.3	0.0	0.1	0.6	0.4	0.4	0.0	-0.2	-0.4
Percent Difference	-0.4%	-0.4%	-0.1%	0.7%	0.0%	0.3%	1.0%	0.7%	0.6%	0.0%	-0.2%	-0.6%
Critical (15%)												
No Action Alternative	59.0	50.6	44.8	44.3	47.8	52.2	55.8	59.8	61.4	63.7	65.1	64.8
Alternative B	58.5	50.3	44.8	44.4	47.8	52.3	56.6	60.6	61.5	63.5	64.1	64.3
Difference	-0.6	-0.3	0.0	0.1	0.1	0.1	0.8	0.8	0.1	-0.2	-1.0	-0.6
Percent Difference	-1.0%	-0.5%	0.1%	0.3%	0.1%	0.2%	1.5%	1.3%	0.2%	-0.4%	-1.6%	-0.9%

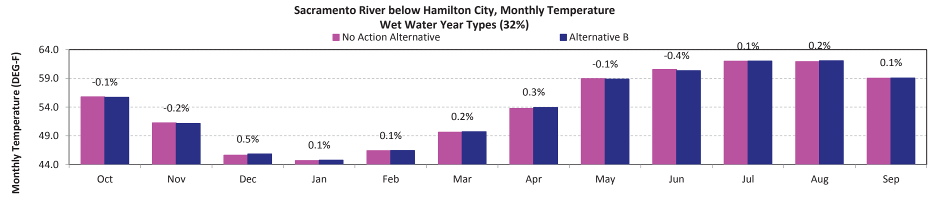
1 Based on the 82-year simulation period

2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

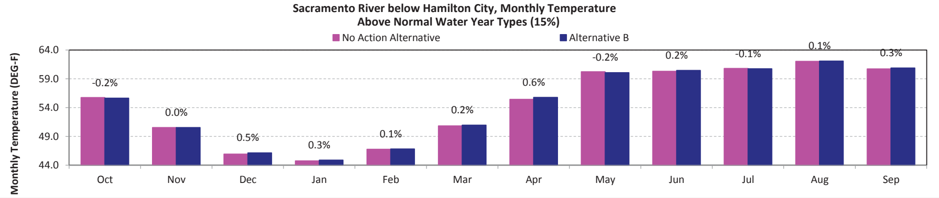
3 Relative difference of the monthly average



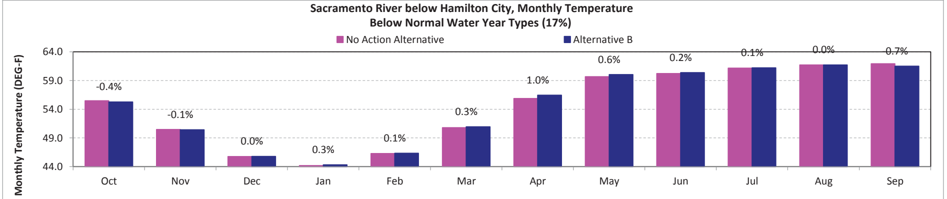
Sacramento River below Hamilton City, Monthly Temperature
Full Simulation Period



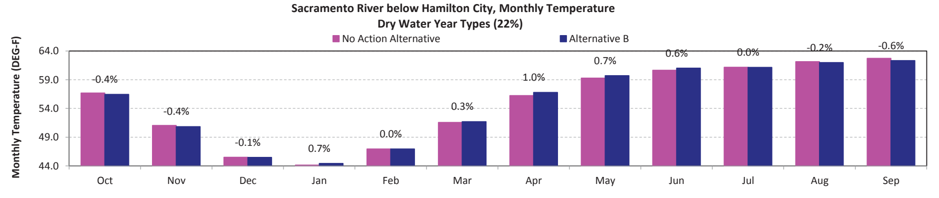
Sacramento River below Hamilton City, Monthly Temperature
Wet Water Year Types (32%)



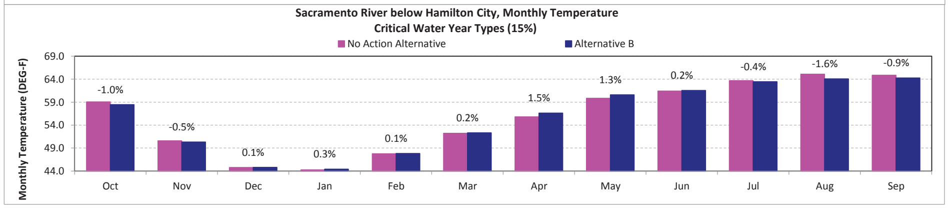
Sacramento River below Hamilton City, Monthly Temperature
Above Normal Water Year Types (15%)



Sacramento River below Hamilton City, Monthly Temperature
Below Normal Water Year Types (17%)



Sacramento River below Hamilton City, Monthly Temperature
Dry Water Year Types (22%)



Sacramento River below Hamilton City, Monthly Temperature
Critical Water Year Types (15%)

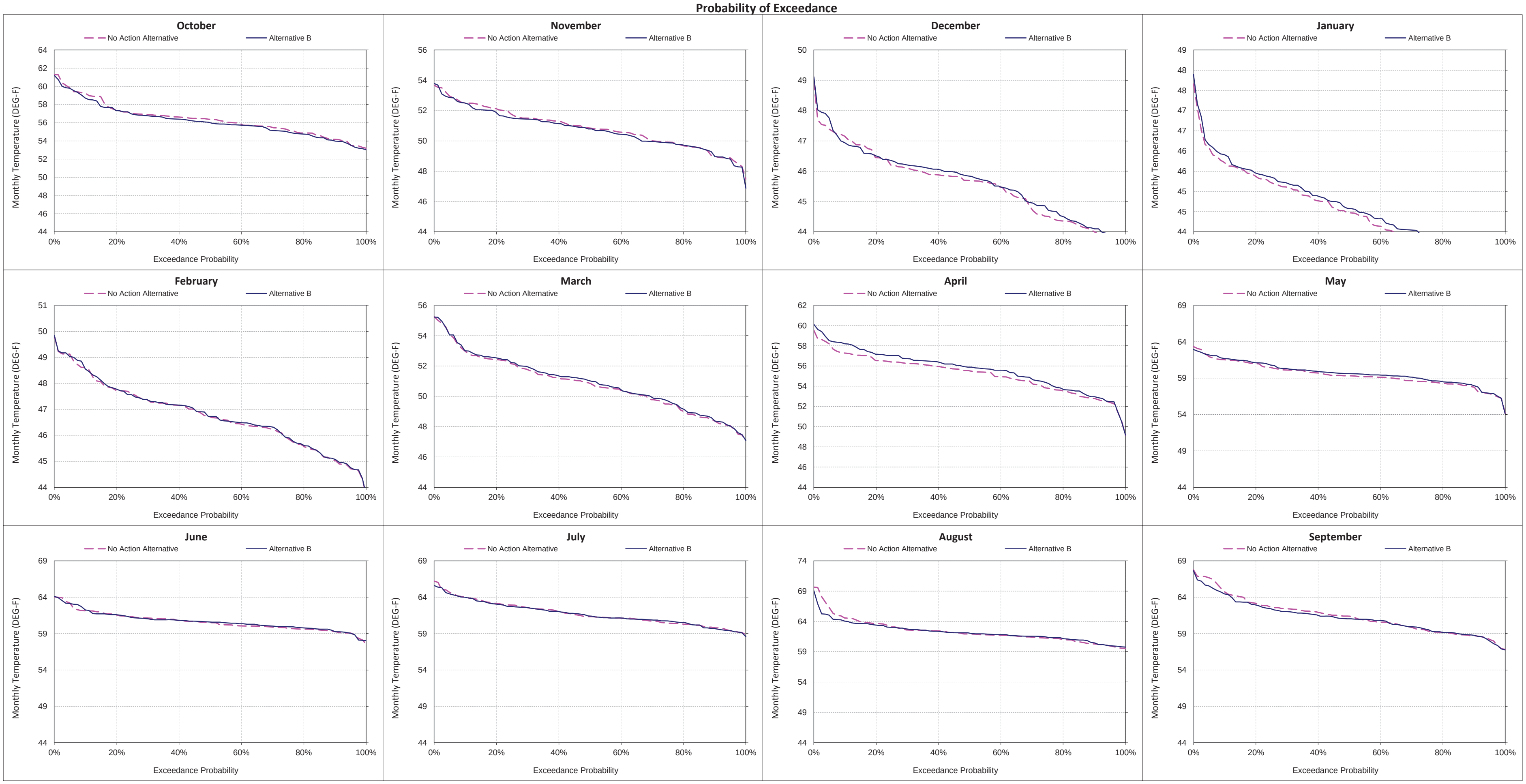


Figure SQ-08-5b
Sacramento River below Hamilton City, Monthly Temperature
Probability of Exceedance

Table SQ-08-5b

Sacramento River below Hamilton City, Monthly Temperature
Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	61.3	61.2	-0.1	-0.2%
1.2%	61.3	60.7	-0.5	-0.9%
2.5%	60.4	60.0	-0.4	-0.7%
3.7%	60.1	59.8	-0.3	-0.4%
4.9%	59.8	59.8	0.0	0.0%
6.2%	59.4	59.5	0.1	0.2%
7.4%	59.4	59.3	-0.1	-0.1%
8.6%	59.3	59.0	-0.3	-0.4%
9.9%	59.3	58.7	-0.5	-0.9%
11.1%	59.0	58.5	-0.5	-0.8%
12.3%	58.9	58.5	-0.4	-0.7%
13.6%	58.9	58.4	-0.5	-0.8%
14.8%	58.9	57.8	-1.1	-1.8%
16.0%	58.1	57.7	-0.4	-0.7%
17.3%	57.7	57.7	0.0	-0.1%
18.5%	57.5	57.7	0.1	0.2%
19.8%	57.4	57.4	0.0	0.0%
21.0%	57.2	57.3	0.1	0.1%
22.2%	57.2	57.2	0.0	0.0%
23.5%	57.2	57.2	0.0	0.0%
24.7%	57.0	57.0	-0.1	-0.1%
25.9%	57.0	56.9	-0.1	-0.2%
27.2%	57.0	56.8	-0.1	-0.2%
28.4%	56.9	56.8	-0.1	-0.2%
29.6%	56.9	56.8	-0.1	-0.2%
30.9%	56.9	56.7	-0.2	-0.3%
32.1%	56.8	56.7	-0.1	-0.2%
33.3%	56.8	56.7	-0.1	-0.2%
34.6%	56.8	56.6	-0.2	-0.3%
35.8%	56.7	56.5	-0.3	-0.5%
37.0%	56.7	56.4	-0.3	-0.5%
38.3%	56.6	56.4	-0.2	-0.4%
39.5%	56.6	56.4	-0.2	-0.4%
40.7%	56.6	56.4	-0.2	-0.4%
42.0%	56.6	56.3	-0.2	-0.4%
43.2%	56.5	56.3	-0.3	-0.5%
44.4%	56.5	56.2	-0.3	-0.5%
45.7%	56.5	56.1	-0.3	-0.6%
46.9%	56.5	56.1	-0.3	-0.6%
48.1%	56.5	56.1	-0.4	-0.7%
49.4%	56.4	56.1	-0.3	-0.6%
50.6%	56.4	55.9	-0.4	-0.8%
51.9%	56.3	55.9	-0.5	-0.8%
53.1%	56.2	55.9	-0.3	-0.6%
54.3%	56.2	55.8	-0.3	-0.6%
55.6%	56.0	55.8	-0.2	-0.4%
56.8%	56.0	55.8	-0.2	-0.4%
58.0%	56.0	55.8	-0.2	-0.4%
59.3%	56.0	55.7	-0.2	-0.4%
60.5%	55.7	55.7	0.0	0.0%
61.7%	55.7	55.7	0.0	-0.1%
63.0%	55.7	55.7	-0.1	-0.1%
64.2%	55.7	55.7	0.0	0.0%
65.4%	55.6	55.6	0.0	0.0%
66.7%	55.6	55.6	-0.1	-0.1%
67.9%	55.6	55.4	-0.2	-0.3%
69.1%	55.6	55.2	-0.4	-0.7%
70.4%	55.4	55.1	-0.3	-0.5%
71.6%	55.4	55.1	-0.3	-0.6%
72.8%	55.4	55.1	-0.3	-0.5%
74.1%	55.3	55.0	-0.3	-0.5%
75.3%	55.2	54.9	-0.2	-0.4%
76.5%	55.1	54.9	-0.3	-0.5%
77.8%	54.9	54.8	-0.1	-0.3%
79.0%	54.9	54.8	-0.1	-0.2%
80.2%	54.9	54.8	-0.1	-0.2%
81.5%	54.9	54.7	-0.1	-0.3%
82.7%	54.9	54.5	-0.3	-0.6%
84.0%	54.7	54.4	-0.2	-0.5%
85.2%	54.6	54.4	-0.2	-0.5%
86.4%	54.4	54.4	0.0	-0.1%
87.7%	54.3	54.1	-0.2	-0.3%
88.9%	54.2	54.1	-0.1	-0.2%
90.1%	54.2	54.0	-0.2	-0.4%
91.4%	54.1	53.9	-0.2	-0.3%
92.6%	54.0	53.9	-0.1	-0.2%
93.8%	54.0	53.7	-0.2	-0.4%
95.1%	53.5	53.5	0.0	0.1%
96.3%	53.5	53.3	-0.2	-0.3%
97.5%	53.4	53.2	-0.3	-0.5%
98.8%	53.3	53.1	-0.2	-0.3%
100.0%	53.2	53.0	0.0	-0.3%

November				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.7	53.8	0.1	0.2%
1.2%	53.5	53.7	0.1	0.3%
2.5%	53.5	53.1	-0.4	-0.7%
3.7%	53.2	52.9	-0.3	-0.5%
4.9%	53.0	52.9	-0.1	-0.2%
6.2%	52.8	52.8	0.0	0.0%
7.4%	52.7	52.6	-0.1	-0.2%
8.6%	52.6	52.5	0.0	0.0%
9.9%	52.5	52.5	0.0	0.0%
11.1%	52.5	52.4	-0.1	-0.1%
12.3%	52.5	52.2	-0.3	-0.6%
13.6%	52.4	52.1	-0.4	-0.7%
14.8%	52.4	52.1	-0.3	-0.6%
16.0%	52.3	52.0	-0.2	-0.5%
17.3%	52.2	52.0	-0.2	-0.4%
18.5%	52.2	52.0	-0.1	-0.3%
19.8%	52.1	51.9	-0.2	-0.5%
21.0%	52.0	51.7	-0.4	-0.7%
22.2%	52.0	51.6	-0.4	-0.7%
23.5%	52.0	51.6	-0.5	-0.9%
24.7%	51.8	51.5	-0.2	-0.5%
25.9%	51.6	51.5	-0.1	-0.3%
27.2%	51.6	51.5	-0.1	-0.2%
28.4%	51.5	51.4	-0.1	-0.1%
29.6%	51.5	51.4	-0.1	-0.1%
30.9%	51.5	51.4	-0.1	-0.1%
32.1%	51.5	51.4	-0.1	-0.1%
33.3%	51.4	51.4	0.0	-0.1%
34.6%	51.4	51.3	-0.1	-0.3%
35.8%	51.4	51.3	-0.1	-0.2%
37.0%	51.4	51.3	-0.1	-0.2%
38.3%	51.3	51.2	-0.1	-0.3%
39.5%	51.3	51.2	-0.2	-0.3%
40.7%	51.3	51.1	-0.1	-0.3%
42.0%	51.2	51.0	-0.1	-0.3%
43.2%	51.1	51.0	-0.1	-0.1%
44.4%	51.0	51.0	-0.1	-0.1%
45.7%	51.0	50.9	-0.1	-0.1%
46.9%	51.0	50.9	-0.1	-0.2%
48.1%	50.9	50.9	0.0	0.0%
49.4%	50.9	50.8	-0.1	-0.1%
50.6%	50.8	50.8	0.0	-0.1%
51.9%	50.8	50.7	-0.1	-0.2%
53.1%	50.8	50.7	-0.1	-0.2%
54.3%	50.8	50.7	-0.1	-0.2%
55.6%	50.8	50.6	-0.1	-0.3%
56.8%	50.7	50.6	-0.1	-0.3%
58.0%	50.6	50.5	-0.2	-0.3%
59.3%	50.6	50.5	-0.1	-0.3%
60.5%	50.6	50.4	-0.1	-0.3%
61.7%	50.6	50.4	-0.1	-0.3%
63.0%	50.5	50.3	-0.2	-0.4%
64.2%	50.4	50.3	-0.1	-0.3%
65.4%	50.4	50.1	-0.3	-0.5%
66.7%	50.4	50.0	-0.4	-0.8%
67.9%	50.2	50.0	-0.2	-0.5%
69.1%	50.1	50.0	-0.1	-0.2%
70.4%	50.0	50.0	0.0	-0.1%
71.6%	50.0	49.9	0.0	-0.1%
72.8%	50.0	49.9	0.0	-0.1%
74.1%	49.9	49.9	0.0	-0.1%
75.3%	49.9	49.9	0.0	-0.1%
76.5%	49.9	49.9	0.0	-0.1%
77.8%	49.8	49.8	0.0	-0.1%
79.0%	49.7	49.8	0.0	0.0%
80.2%	49.7	49.7	0.0	0.1%
81.5%	49.7	49.7	0.0	0.1%
82.7%	49.6	49.6	0.1	0.1%
84.0%	49.6	49.6	0.0	0.0%
85.2%	49.6	49.5	0.0	0.0%
86.4%	49.5	49.5	0.0	-0.1%
87.7%	49.4	49.4	0.0	0.0%
88.9%	49.0	49.3	0.3	0.5%
90.1%	49.0	49.0	0.0	0.0%
91.4%	48.9	48.9	0.0	0.1%
92.6%	48.9	48.9	0.0	0.1%
93.8%	48.9	48.8	-0.1	-0.1%
95.1%	48.9	48.8	-0.1	-0.2%
96.3%	48.7	48.4	-0.3	-0.6%
97.5%	48.5	48.3	-0.2	-0.4%
98.8%	48.3	48.3	0.0	-0.1%
100.0%	47.5	46.9	-0.6	-1.3%

December				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	49.0	49.1	0.1	0.3%
1.2%	47.7	48.0	0.3	0.7%
2.5%	47.5	47.9	0.4	0.8%
3.7%	47.5	47.9	0.4	0.8%
4.9%	47.4	47.8	0.4	0.8%
6.2%	47.3	47.3	0.0	0.1%
7.4%	47.2	47.2	0.0	-0.1%
8.6%	47.2	47.0	-0.2	-0.5%
9.9%	47.2	46.9	-0.2	-0.5%
11.1%	47.0	46.9	-0.2	-0.4%
12.3%	47.0	46.8	-0.2	-0.3%
13.6%	46.9	46.8	-0.1	-0.1%
14.8%	46.9	46.8	-0.1	-0.2%
16.0%	46.9	46.6	-0.3	-0.6%
17.3%	46.7	46.6	-0.2	-0.3%
18.5%	46.7	46.6	-0.1	-0.3%
19.8%	46.5	46.5	0.1	0.1%
21.0%	46.4	46.5	0.0	0.1%
22.2%	46.4	46.4	0.0	0.0%
23.5%	46.4	46.4	0.0	0.0%
24.7%	46.2	46.4	0.2	0.3%
25.9%	46.2	46.3	0.1	0.3%
27.2%	46.1	46.2	0.1	0.2%
28.4%	46.1	46.2	0.1	0.2%
29.6%	46.1	46.2	0.1	0.3%
30.9%	46.1	46.2	0.1	0.2%
32.1%	46.0	46.2	0.1	0.3%
33.3%	46.0	46.2	0.1	0.3%
34.6%	46.0	46.1	0.2	0.3%
35.8%	45.9	46.1	0.2	0.4%
37.0%	45.9	46.1	0.2	0.4%
38.3%	45.9	46.1	0.2	0.4%
39.5%	45.9	46.1	0.2	0.4%
40.7%	45.9	46.0	0.2	0.4%
42.0%	45.8	46.0	0.1	0.3%
43.2%	45.8	46.0	0.1	0.3%
44.4%	45.8	46.0	0.2	0.3%
45.7%	45.8	46.0	0.1	0.3%
46.9%	45.8	45.9	0.1	0.2%
48.1%	45.7	45.9	0.2	0.4%
49.4%	45.7	45.8	0.1	0.3%
50.6%	45.7	45.8	0.1	0.3%
51.9%	45.7	45.8	0.1	0.2%
53.1%	45.7	45.7	0.1	0.1%
54.3%	45.6	45.7	0.1	0.1%
55.6%	45.6	45.7	0.1	0.1%
56.8%	45.6	45.6	0.0	0.1%
58.0%	45.6	45.5	-0.1	-0.2%
59.3%	45.5	45.5	0.0	0.1%
60.5%	45.5	45.5	0.0	0.0%
61.7%	45.3	45.4	0.1	0.3%
63.0%	45.3	45.4	0.1	0.2%
64.2%	45.2	45.4	0.2	0.4%
65.4%	45.1	45.3	0.2	0.4%
66.7%	45.1	45.2	0.1	0.2%
67.9%	45.1	45.0	-0.1	-0.2%
69.1%	44.9	45.0	0.1	0.2%
70.4%	44.7	44.9	0.3	0.6%
71.6%	44.6	44.9	0.3	0.6%
72.8%	44.6	44.9	0.3	0.6%
74.1%	44.5	44.9	0.3	0.8%
75.3%	44.5	44.7	0.2	0.4%
76.5%	44.4	44.7	0.2	0.5%
77.8%	44.4	44.7	0.3	0.6%
79.0%	44.4	44.5	0.2	0.4%
80.2%	44.4	44.5	0.1	0.3%
81.5%	44.4	44.4	0.1	0.1%
82.7%	44.3	44.4	0.0	0.1%
84.0%	44.3	44.3	0.1	0.2%
85.2%	44.2	44.3	0.1	0.2%
86.4%	44.1	44.2	0.1	0.2%
87.7%	44.1	44.1	0.0	0.0%
88.9%	44.1	44.1	0.1	0.1%
90.1%	44.0	44.1	0.1	0.2%
91.4%	43.9	44.1	0.2	0.4%
92.6%	43.8	44.0	0.2	0.5%
93.8%	43.7	44.0	0.2	0.5%
95.1%	43.7	43.8	0.1	0.2%
96.3%	43.5	43.7	0.2	0.4%
97.5%	43.5	43.4	-0.1	-0.2%
98.8%	43.2	43.2	0.1	0.2%
100.0%	41.7	41.9	0.2	0.4%

January				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.7	47.9	0.2	0.5%
1.2%	47.1	47.2	0.1	0.2%
2.5%	46.5	46.8	0.3	0.7%
3.7%	46.2	46.3	0.1	0.2%
4.9%	46.1	46.2	0.1	0.2%
6.2%	45.9	46.1	0.2	0.4%
7.4%	45.9	46.0	0.1	0.3%
8.6%	45.8	45.9	0.2	0.3%
9.9%	45.7	45.9	0.2	0.4%
11.1%	45.6	45.9	0.2	0.5%
12.3%	45.6	45.7	0.0	0.1%
13.6%	45.6	45.6	0.0	0.1%
14.8%	45.5	45.6	0.0	0.1%
16.0%	45.5	45.6	0.0	0.1%
17.3%	45.5	45.5	0.1	0.2%
18.5%	45.4	45.5	0.1	0.2%
19.8%	45.4	45.5	0.1	0.2%
21.0%	45.3	45.4	0.1	0.2%
22.2%	45.3	45.4	0.1	0.2%
23.5%	45.3	45.4	0.1	0.2%
24.7%	45.2	45.4	0.1	0.3%
25.9%	45.2	45.3	0.1	0.3%
27.2%	45.2	45.2	0.1	0.2%
28.4%	45.1	45.2	0.1	0.2%
29.6%	45.1	45.2	0.1	0.2%
30.9%	45.1	45.2	0.1	0.2%
32.1%	45.0	45.2	0.1	0.3%
33.3%	45.0	45.2	0.1	0.3%
34.6%	44.9	45.1	0.2	0.4%
35.8%	44.9	45.0	0.1	0.2%
37.0%	44.9	45.0	0.1	0.2%
38.3%	44.8	44.9	0.1	0.2%
39.5%	44.8	44.9	0.1	0.3%
40.7%	44.8	44.9	0.1	0.2%
42.0%	44.8	44.8	0.1	0.2%
43.2%	44.7	44.8	0.0	0.1%
44.4%	44.6	44.7	0.1	0.3%
45.7%	44.6	44.7	0.2	0.4%
46.9%	44.5	44.7	0.2	0.4%
48.1%	44.5	44.6	0.1	0.2%
49.4%	44.5	44.6	0.1	0.2%
50.6%	44.5	44.6	0.1	0.2%
51.9%	44.5	44.6	0.1	0.2%
53.1%	44.4	44.5	0.1	0.2%
54.3%	44.4	44.5	0.1	0.2%
55.6%	44.4	44.5	0.1	0.2%
56.8%	44.2	44.4	0.2	0.5%
58.0%	44.2	44.3	0.2	0.4%
59.3%	44.1	44.3	0.2	0.4%
60.5%	44.1	44.3	0.2	0.4%
61.7%	44.0	44.2	0.2	0.4%
63.0%	44.0	44.2	0.2	0.4%
64.2%	44.0	44.2	0.2	0.4%
65.4%	43.9	44.1	0.1	0.3%
66.7%	43.9	44.1	0.1	0.3%
67.9%	43.8	44.1	0.2	0.5%
69.1%	43.8	44.0	0.3	0.6%
70.4%	43.7	44.0	0.3	0.7%
71.6%	43.7	44.0	0.3	0.8%
72.8%	43.7	43.9	0.3	0.6%
74.1%	43.7	43.9	0.2	0.5%
75.3%	43.6	43.9	0.2	0.5%
76.5%	43.5	43.8	0.3	0.8%
77.8%	43.5	43.8	0.3	0.7%
79.0%	43.5	43.8	0.3	0.7%
80.2%	43.5	43.7	0.2	0.6%
81.5%	43.4	43.6	0.1	0.3%
82.7%	43.4	43.5	0.0	0.1%
84.0%	43.3	43.4	0.2	0.4%
85.2%	43.2	43.4	0.1	0.3%
86.4%	43.2	43.3	0.1	0.3%
87.7%	43.1	43.3	0.1	0.2%
88.9%	43.1	43.2	0.1	0.2%
90.1%	43.1	43.1	0.0	0.0%
91.4%	42.9	43.1	0.2	0.4%
92.6%	42.9	42.9	0.0	0.0%
93.8%	42.8	42.8	0.0	0.0%
95.1%	42.7	42.7	0.1	0.2%
96.3%	42.5	42.7	0.2	0.6%
97.5%	42.4	42.6	0.1	0.3%
98.8%	42.2	42.2	0.0	0.0%
100.0%	41.6	42.2	0.6	1.5%

Table SQ-08-5b

Sacramento River below Hamilton City, Monthly Temperature

Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	49.8	49.8	0.0	0.0%
1.2%	49.2	49.2	0.0	0.0%
2.5%	49.1	49.2	0.0	0.1%
3.7%	49.1	49.2	0.0	0.1%
4.9%	49.1	49.0	-0.1	-0.2%
6.2%	48.9	49.0	0.1	0.3%
7.4%	48.7	48.9	0.2	0.3%
8.6%	48.6	48.9	0.2	0.5%
9.9%	48.6	48.6	-0.1	-0.1%
11.1%	48.5	48.5	-0.1	-0.1%
12.3%	48.2	48.3	0.1	0.2%
13.6%	48.1	48.3	0.2	0.3%
14.8%	48.1	48.1	0.1	0.1%
16.0%	47.9	48.0	0.1	0.2%
17.3%	47.9	47.9	0.0	0.0%
18.5%	47.8	47.8	0.0	0.0%
19.8%	47.7	47.8	0.1	0.1%
21.0%	47.7	47.7	0.0	0.0%
22.2%	47.7	47.7	0.0	0.0%
23.5%	47.7	47.6	-0.1	-0.3%
24.7%	47.6	47.6	-0.1	-0.1%
25.9%	47.5	47.5	-0.1	-0.1%
27.2%	47.4	47.4	0.0	0.0%
28.4%	47.4	47.4	0.0	-0.1%
29.6%	47.4	47.4	0.0	0.0%
30.9%	47.3	47.3	0.0	0.1%
32.1%	47.3	47.3	0.0	0.1%
33.3%	47.2	47.3	0.0	0.1%
34.6%	47.2	47.3	0.0	0.0%
35.8%	47.2	47.2	0.0	-0.1%
37.0%	47.2	47.2	0.0	0.0%
38.3%	47.2	47.2	0.0	0.0%
39.5%	47.2	47.2	0.0	0.0%
40.7%	47.1	47.2	0.0	0.0%
42.0%	47.1	47.1	0.0	0.1%
43.2%	47.0	47.1	0.1	0.2%
44.4%	47.0	47.0	0.0	0.1%
45.7%	46.9	46.9	0.0	-0.1%
46.9%	46.9	46.9	0.0	0.1%
48.1%	46.8	46.9	0.1	0.3%
49.4%	46.7	46.7	0.0	0.0%
50.6%	46.7	46.7	0.0	0.1%
51.9%	46.7	46.7	0.1	0.1%
53.1%	46.7	46.6	-0.1	-0.1%
54.3%	46.6	46.6	0.0	-0.1%
55.6%	46.6	46.6	0.0	-0.1%
56.8%	46.5	46.5	0.0	0.1%
58.0%	46.5	46.5	0.1	0.1%
59.3%	46.4	46.5	0.1	0.1%
60.5%	46.4	46.5	0.1	0.1%
61.7%	46.4	46.5	0.1	0.2%
63.0%	46.4	46.4	0.1	0.2%
64.2%	46.3	46.4	0.1	0.1%
65.4%	46.3	46.4	0.0	0.1%
66.7%	46.3	46.3	0.0	0.1%
67.9%	46.3	46.3	0.0	0.1%
69.1%	46.2	46.3	0.1	0.2%
70.4%	46.2	46.3	0.1	0.1%
71.6%	46.1	46.2	0.1	0.1%
72.8%	46.1	46.1	0.0	-0.1%
74.1%	45.9	45.9	0.0	0.0%
75.3%	45.8	45.9	0.1	0.1%
76.5%	45.7	45.8	0.0	0.1%
77.8%	45.7	45.7	0.0	0.1%
79.0%	45.7	45.7	0.0	0.0%
80.2%	45.6	45.6	0.0	0.1%
81.5%	45.5	45.6	0.1	0.2%
82.7%	45.5	45.5	0.0	0.1%
84.0%	45.4	45.4	0.0	0.0%
85.2%	45.3	45.3	0.0	0.0%
86.4%	45.2	45.2	0.0	0.0%
87.7%	45.2	45.1	0.0	-0.1%
88.9%	45.1	45.1	0.1	0.1%
90.1%	45.0	45.1	0.0	0.1%
91.4%	44.9	45.0	0.1	0.1%
92.6%	44.9	44.9	0.1	0.1%
93.8%	44.9	44.9	0.0	0.1%
95.1%	44.7	44.8	0.0	0.1%
96.3%	44.7	44.7	0.0	0.0%
97.5%	44.6	44.7	0.0	0.1%
98.8%	44.3	44.3	0.0	0.1%
100.0%	43.7	43.7	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	55.3	55.2	0.0	-0.1%
1.2%	55.0	55.2	0.2	0.3%
2.5%	54.8	55.0	0.1	0.3%
3.7%	54.6	54.6	0.0	0.0%
4.9%	54.1	54.1	0.0	0.0%
6.2%	53.9	54.0	0.2	0.3%
7.4%	53.5	53.5	0.1	0.1%
8.6%	53.2	53.4	0.2	0.4%
9.9%	53.0	53.0	0.0	0.0%
11.1%	52.8	53.0	0.2	0.4%
12.3%	52.7	52.9	0.2	0.3%
13.6%	52.7	52.7	0.0	0.1%
14.8%	52.6	52.7	0.1	0.3%
16.0%	52.5	52.6	0.1	0.2%
17.3%	52.5	52.6	0.1	0.2%
18.5%	52.4	52.6	0.1	0.3%
19.8%	52.4	52.5	0.1	0.2%
21.0%	52.4	52.5	0.1	0.2%
22.2%	52.4	52.4	0.1	0.1%
23.5%	52.3	52.4	0.1	0.1%
24.7%	52.1	52.2	0.1	0.2%
25.9%	52.1	52.2	0.1	0.2%
27.2%	51.9	52.0	0.1	0.3%
28.4%	51.8	52.0	0.2	0.3%
29.6%	51.8	52.0	0.2	0.3%
30.9%	51.7	51.9	0.2	0.4%
32.1%	51.6	51.8	0.1	0.3%
33.3%	51.4	51.6	0.2	0.3%
34.6%	51.4	51.6	0.2	0.3%
35.8%	51.4	51.5	0.1	0.2%
37.0%	51.3	51.4	0.1	0.2%
38.3%	51.2	51.4	0.2	0.4%
39.5%	51.2	51.4	0.1	0.3%
40.7%	51.1	51.3	0.2	0.3%
42.0%	51.1	51.3	0.1	0.3%
43.2%	51.1	51.3	0.2	0.3%
44.4%	51.1	51.2	0.2	0.3%
45.7%	51.0	51.2	0.2	0.4%
46.9%	51.0	51.2	0.1	0.3%
48.1%	50.9	51.1	0.2	0.4%
49.4%	50.9	51.1	0.2	0.3%
50.6%	50.8	51.0	0.2	0.4%
51.9%	50.6	51.0	0.3	0.7%
53.1%	50.6	50.8	0.2	0.3%
54.3%	50.6	50.8	0.2	0.3%
55.6%	50.5	50.7	0.2	0.4%
56.8%	50.5	50.6	0.1	0.2%
58.0%	50.5	50.6	0.1	0.2%
59.3%	50.5	50.6	0.1	0.1%
60.5%	50.3	50.3	0.0	0.1%
61.7%	50.3	50.3	0.0	0.0%
63.0%	50.2	50.2	0.0	0.1%
64.2%	50.2	50.2	0.0	0.0%
65.4%	50.1	50.1	0.0	0.1%
66.7%	50.1	50.1	0.0	0.1%
67.9%	50.0	50.1	0.1	0.1%
69.1%	49.8	50.0	0.2	0.5%
70.4%	49.8	49.9	0.1	0.2%
71.6%	49.7	49.9	0.1	0.3%
72.8%	49.7	49.8	0.2	0.3%
74.1%	49.5	49.8	0.3	0.6%
75.3%	49.5	49.7	0.2	0.4%
76.5%	49.4	49.5	0.1	0.2%
77.8%	49.4	49.5	0.1	0.1%
79.0%	49.1	49.2	0.1	0.3%
80.2%	49.0	49.1	0.2	0.3%
81.5%	48.8	48.9	0.1	0.2%
82.7%	48.8	48.9	0.1	0.2%
84.0%	48.7	48.9	0.2	0.3%
85.2%	48.6	48.8	0.1	0.3%
86.4%	48.6	48.7	0.1	0.2%
87.7%	48.6	48.7	0.1	0.2%
88.9%	48.5	48.6	0.1	0.3%
90.1%	48.4	48.4	0.0	0.0%
91.4%	48.2	48.3	0.1	0.3%
92.6%	48.2	48.3	0.1	0.3%
93.8%	48.1	48.1	0.0	0.1%
95.1%	48.0	48.0	0.0	0.0%
96.3%	47.8	47.9	0.0	0.1%
97.5%	47.5	47.6	0.1	0.2%
98.8%	47.5	47.5	0.0	0.0%
100.0%	47.1	47.1	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.5	60.1	0.6	1.0%
1.2%	58.7	59.6	0.9	1.6%
2.5%	58.6	59.4	0.8	1.3%
3.7%	58.4	58.9	0.5	0.9%
4.9%	58.2	58.5	0.3	0.6%
6.2%	57.7	58.4	0.7	1.3%
7.4%	57.5	58.3	0.9	1.5%
8.6%	57.3	58.3	1.0	1.8%
9.9%	57.3	58.2	0.9	1.6%
11.1%	57.3	58.2	0.9	1.6%
12.3%	57.1	58.1	0.9	1.6%
13.6%	57.1	57.9	0.8	1.4%
14.8%	57.1	57.6	0.6	1.0%
16.0%	57.0	57.6	0.6	1.0%
17.3%	57.0	57.4	0.4	0.7%
18.5%	56.9	57.4	0.5	0.9%
19.8%	56.5	57.2	0.6	1.1%
21.0%	56.5	57.1	0.6	1.1%
22.2%	56.5	57.1	0.6	1.1%
23.5%	56.5	57.1	0.6	1.0%
24.7%	56.4	57.0	0.6	1.1%
25.9%	56.4	57.0	0.6	1.1%
27.2%	56.4	57.0	0.7	1.2%
28.4%	56.3	56.8	0.4	0.8%
29.6%	56.3	56.7	0.5	0.8%
30.9%	56.2	56.7	0.5	0.8%
32.1%	56.2	56.6	0.3	0.6%
33.3%	56.2	56.5	0.3	0.6%
34.6%	56.2	56.5	0.4	0.7%
35.8%	56.1	56.5	0.4	0.7%
37.0%	56.1	56.5	0.4	0.7%
38.3%	56.0	56.5	0.5	0.8%
39.5%	56.0	56.4	0.5	0.8%
40.7%	55.9	56.3	0.4	0.7%
42.0%	55.8	56.2	0.4	0.6%
43.2%	55.8	56.2	0.4	0.7%
44.4%	55.7	56.2	0.5	0.9%
45.7%	55.7	56.1	0.4	0.7%
46.9%	55.7	56.1	0.4	0.7%
48.1%	55.6	55.9	0.4	0.6%
49.4%	55.6	55.9	0.3	0.6%
50.6%	55.5	55.9	0.4	0.7%
51.9%	55.4	55.8	0.4	0.7%
53.1%	55.4	55.8	0.4	0.7%
54.3%	55.4	55.7	0.4	0.6%
55.6%	55.4	55.7	0.3	0.6%
56.8%	55.3	55.7	0.3	0.6%
58.0%	55.0	55.6	0.6	1.1%
59.3%	55.0	55.6	0.6	1.1%
60.5%	54.9	55.6	0.6	1.2%
61.7%	54.9	55.5	0.6	1.1%
63.0%	54.8	55.3	0.6	1.0%
64.2%	54.7	55.3	0.6	1.1%
65.4%	54.6	55.0	0.4	0.7%
66.7%	54.6	55.0	0.4	0.7%
67.9%	54.5	54.9	0.4	0.7%
69.1%	54.5	54.9	0.4	0.7%
70.4%	54.2	54.6	0.4	0.8%
71.6%	54.2	54.6	0.4	0.7%
72.8%	54.1	54.5	0.4	0.8%
74.1%	53.8	54.4	0.5	1.0%
75.3%	53.8	54.3	0.5	0.9%
76.5%	53.7	54.1	0.4	0.7%
77.8%	53.6	53.9	0.3	0.5%
79.0%	53.6	53.8	0.2	0.4%
80.2%	53.5	53.7	0.1	0.3%
81.5%	53.4	53.6	0.2	0.4%
82.7%	53.3	53.6	0.3	0.5%
84.0%	53.3	53.5	0.3	0.5%
85.2%	53.0	53.5	0.5	1.0%
86.4%	52.9	53.3	0.4	0.7%
87.7%	52.9	53.1	0.2	0.4%
88.9%	52.8	53.0	0.1	0.3%
90.1%	52.8	53.0	0.2	0.3%
91.4%	52.7	52.9	0.2	0.4%
92.6%	52.5	52.8	0.2	0.5%
93.8%	52.5	52.5	0.0	0.0%
95.1%	52.4	52.5	0.1	0.2%
96.3%	52.3	52.5	0.2	0.4%
97.5%	51.5	51.5	0.0	0.0%
98.8%	50.5	50.5	0.0	-0.1%
100.0%	49.2	49.2	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	63.3	62.9	-0.4	-0.6%
1.2%	63.1	62.7	-0.4	-0.6%
2.5%	62.9	62.6	-0.4	-0.6%
3.7%	62.4	62.3	-0.1	-0.2%
4.9%	62.0	62.2	0.2	0.4%
6.2%	61.8	62.1	0.3	0.5%
7.4%	61.6	62.1	0.4	0.7%
8.6%	61.6	61.8	0.2	0.4%
9.9%	61.5	61.7	0.1	0.2%
11.1%	61.4	61.7	0.2	0.4%
12.3%	61.4	61.6	0.2	0.3%
13.6%	61.4	61.5	0.1	0.1%
14.8%	61.3	61.5	0.2	0.2%
16.0%	61.3	61.4	0.2	0.3%
17.3%	61.1	61.4	0.2	0.4%
18.5%	61.0	61.2	0.2	0.3%
19.8%	61.0	61.1	0.1	0.2%
21.0%	61.0	61.1	0.1	0.2%
22.2%	60.6	61.1	0.5	0.8%
23.5%	60.5	61.0	0.5	0.8%
24.7%	60.5	60.8	0.3	0.6%
25.9%	60.3	60.7	0.4	0.6%
27.2%	60.2	60.4	0.2	0.3%
28.4%	60.1	60.3	0.2	0.3%
29.6%	60.1	60.3	0.2	0.3%
30.9%	60.1	60.2	0.1	0.2%
32.1%	60.1	60.2	0.1	0.2%
33.3%	60.1	60.1	0.0	0.1%
34.6%	60.1	60.1	0.0	0.0%
35.8%	59.9	60.1	0.2	0.3%
37.0%	59.8	60.0	0.2	0.4%
38.3%	59.7	60.0	0.2	0.4%
39.5%	59.7	59.9	0.2	0.4%
40.7%	59.7	59.9	0.2	0.3%
42.0%	59.5	59.8	0.3	0.5%
43.2%	59.5	59.8	0.4	0.6%
44.4%	59.4	59.8	0.4	0.7%
45.7%	59.4	59.7	0.4	0.6%
46.9%	59.4	59.7	0.3	0.5%
48.1%	59.3	59.6	0.3	0.5%
49.4%	59.3	59.6	0.3	0.5%
50.6%	59.3	59.6	0.3	0.5%
51.9%	59.3	59.6	0.3	0.5%
53.1%	59.2	59.5	0.3	0.6%
54.3%	59.2	59.5	0.3	0.6%
55.6%	59.2	59.5	0.3	0.5%
56.8%	59.2	59.4	0.3	0.4%
58.0%	59.2	59.4	0.3	0.4%
59.3%	59.1	59.4	0.3	0.5%
60.5%	59.1	59.4	0.3	0.5%
61.7%	59.1	59.4	0.3	0.5%
63.0%	59.0	59.3	0.3	0.5%
64.2%	59.0	59.3	0.3	0.5%
65.4%	58.9	59.3	0.4	0.6%
66.7%	58.9	59.3	0.4	0.7%
67.9%	58.7	59.3	0.6	1.0%
69.1%	58.7	59.1	0.5	0.8%
70.4%	58.6	59.1	0.5	0.8%
71.6%	58.6	59.0	0.4	0.8%
72.8%	58.5	59.0	0.5	0.8%
74.1%	58.5	58.9	0.3	0.6%
75.3%	58.5	58.7	0.2	0.4%
76.5%	58.5	58.6	0.2	0.3%
77.8%	58.4	58.6	0.2	0.3%
79.0%	58.3	58.6	0.3	0.5%
80.2%	58.3	58.5	0.2	0.4%
81.5%	58.2	58.4	0.2	0.4%
82.7%	58.2	58.4	0.2	0.4%
84.0%	58.2	58.4	0.2	0.4%
85.2%	58.1	58.3	0.2	0.3%
86.4%	58.0	58.3	0.3	0.5%
87.7%	58.0	58.2	0.2	0.3%
88.9%	57.9	58.1	0.3	0.5%
90.1%	57.7	57.9	0.2	0.3%
91.4%	57.1	57.8	0.7	1.2%
92.6%	57.1	57.0	0.0	-0.1%
93.8%	56.9	57.0	0.0	0.1%
95.1%	56.9	56.9	0.0	0.1%
96.3%	56.7	56.9	0.2	0.3%
97.5%	56.4	56.5	0.1	0.2%
98.8%	56.2	56.2	0.0	0.0%
100.0%	54.2	54.1	0.0	-0.1%

Table SQ-08-5b

Sacramento River below Hamilton City, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	64.0	64.1	0.1	0.1%
1.2%	64.0	63.9	-0.1	-0.1%
2.5%	63.9	63.5	-0.4	-0.7%
3.7%	63.4	63.2	-0.3	-0.4%
4.9%	63.2	63.1	-0.1	-0.1%
6.2%	62.5	63.0	0.6	0.9%
7.4%	62.3	63.0	0.7	1.1%
8.6%	62.2	62.7	0.5	0.9%
9.9%	62.1	62.2	0.1	0.2%
11.1%	62.1	62.2	0.1	0.1%
12.3%	62.1	61.8	-0.4	-0.6%
13.6%	62.0	61.7	-0.3	-0.5%
14.8%	62.0	61.7	-0.3	-0.4%
16.0%	61.8	61.7	-0.1	-0.1%
17.3%	61.7	61.6	-0.1	-0.1%
18.5%	61.7	61.6	-0.1	-0.1%
19.8%	61.6	61.6	0.0	0.1%
21.0%	61.4	61.5	0.1	0.2%
22.2%	61.4	61.5	0.0	0.1%
23.5%	61.4	61.3	-0.1	-0.1%
24.7%	61.3	61.2	-0.1	-0.2%
25.9%	61.2	61.2	-0.1	-0.1%
27.2%	61.2	61.1	0.0	-0.1%
28.4%	61.1	61.1	-0.1	-0.1%
29.6%	61.1	61.0	-0.1	-0.2%
30.9%	61.1	61.0	-0.1	-0.2%
32.1%	61.1	60.9	-0.2	-0.3%
33.3%	61.0	60.9	-0.1	-0.2%
34.6%	61.0	60.9	-0.1	-0.2%
35.8%	61.0	60.9	-0.1	-0.2%
37.0%	61.0	60.9	-0.1	-0.1%
38.3%	61.0	60.9	-0.1	-0.2%
39.5%	60.8	60.9	0.1	0.1%
40.7%	60.8	60.8	0.0	0.0%
42.0%	60.7	60.8	0.1	0.1%
43.2%	60.7	60.7	0.0	0.0%
44.4%	60.7	60.7	0.1	0.1%
45.7%	60.6	60.7	0.1	0.1%
46.9%	60.6	60.7	0.1	0.1%
48.1%	60.6	60.6	0.1	0.1%
49.4%	60.5	60.6	0.1	0.2%
50.6%	60.5	60.6	0.1	0.1%
51.9%	60.5	60.6	0.1	0.1%
53.1%	60.2	60.6	0.4	0.6%
54.3%	60.2	60.5	0.3	0.5%
55.6%	60.2	60.4	0.3	0.4%
56.8%	60.2	60.4	0.2	0.4%
58.0%	60.1	60.4	0.3	0.5%
59.3%	60.1	60.4	0.3	0.5%
60.5%	60.0	60.3	0.3	0.5%
61.7%	60.0	60.3	0.3	0.4%
63.0%	60.0	60.3	0.3	0.4%
64.2%	60.0	60.3	0.2	0.4%
65.4%	60.0	60.2	0.2	0.3%
66.7%	60.0	60.1	0.1	0.2%
67.9%	60.0	60.1	0.1	0.2%
69.1%	59.9	60.0	0.1	0.2%
70.4%	59.9	60.0	0.2	0.3%
71.6%	59.9	60.0	0.1	0.2%
72.8%	59.8	60.0	0.1	0.2%
74.1%	59.8	60.0	0.2	0.3%
75.3%	59.7	59.9	0.3	0.4%
76.5%	59.7	59.9	0.3	0.4%
77.8%	59.6	59.8	0.2	0.3%
79.0%	59.6	59.8	0.2	0.4%
80.2%	59.6	59.8	0.2	0.3%
81.5%	59.6	59.8	0.1	0.2%
82.7%	59.6	59.7	0.1	0.2%
84.0%	59.5	59.6	0.1	0.2%
85.2%	59.5	59.6	0.1	0.2%
86.4%	59.4	59.6	0.1	0.2%
87.7%	59.4	59.6	0.2	0.3%
88.9%	59.3	59.5	0.1	0.2%
90.1%	59.3	59.3	0.0	0.0%
91.4%	59.1	59.3	0.1	0.2%
92.6%	59.1	59.2	0.1	0.2%
93.8%	59.1	59.1	0.0	0.1%
95.1%	59.1	59.0	0.0	0.0%
96.3%	58.8	58.9	0.1	0.1%
97.5%	58.4	58.1	-0.3	-0.4%
98.8%	58.1	58.1	0.0	-0.1%
100.0%	57.6	58.0	0.5	0.8%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.2	65.6	-0.6	-0.9%
1.2%	66.0	65.4	-0.7	-1.0%
2.5%	65.0	65.3	0.3	0.4%
3.7%	65.0	64.6	-0.4	-0.6%
4.9%	64.7	64.4	-0.2	-0.4%
6.2%	64.5	64.3	-0.2	-0.3%
7.4%	64.2	64.2	0.0	0.0%
8.6%	64.1	64.0	-0.1	-0.1%
9.9%	64.0	64.0	0.0	0.0%
11.1%	63.9	63.9	0.0	0.0%
12.3%	63.8	63.8	0.0	0.0%
13.6%	63.7	63.5	-0.2	-0.4%
14.8%	63.6	63.4	-0.2	-0.4%
16.0%	63.4	63.4	0.0	0.0%
17.3%	63.3	63.2	-0.1	-0.2%
18.5%	63.2	63.1	-0.1	-0.2%
19.8%	63.2	63.0	-0.1	-0.2%
21.0%	63.1	63.0	-0.1	-0.2%
22.2%	63.0	62.9	-0.1	-0.1%
23.5%	62.9	62.7	-0.2	-0.3%
24.7%	62.9	62.7	-0.2	-0.3%
25.9%	62.9	62.7	-0.2	-0.4%
27.2%	62.7	62.6	-0.1	-0.2%
28.4%	62.7	62.6	-0.1	-0.1%
29.6%	62.6	62.6	0.0	0.0%
30.9%	62.5	62.5	0.0	0.0%
32.1%	62.4	62.4	0.0	0.0%
33.3%	62.4	62.4	0.0	0.0%
34.6%	62.4	62.3	-0.1	-0.1%
35.8%	62.3	62.2	-0.1	-0.2%
37.0%	62.3	62.1	-0.2	-0.3%
38.3%	62.2	62.1	-0.2	-0.3%
39.5%	62.1	62.1	0.0	0.0%
40.7%	61.9	62.0	0.0	0.0%
42.0%	61.8	61.9	0.1	0.1%
43.2%	61.8	61.8	0.0	0.0%
44.4%	61.6	61.8	0.2	0.3%
45.7%	61.6	61.8	0.2	0.3%
46.9%	61.5	61.7	0.2	0.3%
48.1%	61.3	61.6	0.3	0.4%
49.4%	61.3	61.4	0.1	0.2%
50.6%	61.3	61.4	0.1	0.1%
51.9%	61.3	61.3	0.0	0.0%
53.1%	61.2	61.2	0.0	0.0%
54.3%	61.2	61.2	-0.1	-0.1%
55.6%	61.2	61.2	0.0	-0.1%
56.8%	61.2	61.1	0.0	0.0%
58.0%	61.1	61.1	0.0	0.0%
59.3%	61.1	61.1	0.0	0.0%
60.5%	61.1	61.1	0.0	0.0%
61.7%	61.1	61.0	-0.1	-0.1%
63.0%	61.1	61.0	-0.1	-0.1%
64.2%	61.0	61.0	0.0	0.0%
65.4%	61.0	61.0	0.0	0.0%
66.7%	60.9	61.0	0.1	0.1%
67.9%	60.8	60.9	0.1	0.1%
69.1%	60.7	60.9	0.2	0.2%
70.4%	60.7	60.9	0.2	0.3%
71.6%	60.7	60.9	0.2	0.3%
72.8%	60.5	60.7	0.2	0.4%
74.1%	60.5	60.7	0.3	0.4%
75.3%	60.4	60.7	0.3	0.5%
76.5%	60.4	60.7	0.3	0.5%
77.8%	60.4	60.6	0.2	0.3%
79.0%	60.4	60.5	0.2	0.3%
80.2%	60.3	60.5	0.2	0.4%
81.5%	60.3	60.4	0.1	0.2%
82.7%	60.2	60.2	0.0	0.0%
84.0%	60.1	60.2	0.0	0.1%
85.2%	60.1	60.2	0.0	0.0%
86.4%	60.0	59.8	-0.2	-0.3%
87.7%	59.9	59.8	-0.1	-0.2%
88.9%	59.9	59.7	-0.2	-0.3%
90.1%	59.8	59.7	-0.1	-0.2%
91.4%	59.8	59.6	-0.2	-0.3%
92.6%	59.7	59.5	-0.2	-0.4%
93.8%	59.5	59.4	-0.1	-0.2%
95.1%	59.4	59.4	0.0	0.1%
96.3%	59.3	59.2	-0.1	-0.2%
97.5%	59.2	59.2	0.0	0.0%
98.8%	59.1	59.1	0.0	0.0%
100.0%	58.8	58.6	-0.3	-0.5%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	69.7	69.0	-0.6	-0.9%
1.2%	69.6	66.9	-2.7	-3.9%
2.5%	68.1	65.2	-2.9	-4.2%
3.7%	67.2	65.2	-2.0	-3.0%
4.9%	66.3	65.0	-1.2	-1.9%
6.2%	65.3	64.3	-1.0	-1.5%
7.4%	65.0	64.3	-0.7	-1.1%
8.6%	64.9	64.3	-0.6	-1.0%
9.9%	64.6	64.0	-0.5	-0.8%
11.1%	64.5	64.0	-0.6	-0.9%
12.3%	64.5	63.8	-0.7	-1.1%
13.6%	64.2	63.7	-0.6	-0.9%
14.8%	64.0	63.7	-0.3	-0.5%
16.0%	63.9	63.6	-0.3	-0.4%
17.3%	63.8	63.6	-0.2	-0.3%
18.5%	63.7	63.5	-0.2	-0.3%
19.8%	63.7	63.4	-0.3	-0.4%
21.0%	63.6	63.3	-0.3	-0.5%
22.2%	63.6	63.3	-0.3	-0.4%
23.5%	63.4	63.0	-0.3	-0.5%
24.7%	63.1	63.0	-0.1	-0.1%
25.9%	63.1	63.0	-0.1	-0.1%
27.2%	63.0	62.9	-0.1	-0.1%
28.4%	62.8	62.9	0.1	0.2%
29.6%	62.6	62.8	0.2	0.3%
30.9%	62.6	62.7	0.1	0.2%
32.1%	62.6	62.6	0.1	0.1%
33.3%	62.5	62.6	0.1	0.1%
34.6%	62.5	62.6	0.0	0.1%
35.8%	62.5	62.6	0.0	0.1%
37.0%	62.5	62.4	-0.1	-0.1%
38.3%	62.5	62.4	-0.1	-0.1%
39.5%	62.4	62.4	-0.1	-0.1%
40.7%	62.4	62.3	-0.1	-0.1%
42.0%	62.4	62.3	-0.1	-0.2%
43.2%	62.2	62.2	0.0	0.0%
44.4%	62.2	62.2	0.0	0.0%
45.7%	62.1	62.1	0.0	0.0%
46.9%	62.1	62.1	0.0	0.0%
48.1%	61.9	62.1	0.2	0.3%
49.4%	61.9	62.1	0.2	0.3%
50.6%	61.9	62.0	0.1	0.1%
51.9%	61.9	62.0	0.1	0.1%
53.1%	61.8	61.9	0.1	0.2%
54.3%	61.8	61.9	0.1	0.2%
55.6%	61.8	61.9	0.1	0.2%
56.8%	61.8	61.8	0.1	0.1%
58.0%	61.8	61.8	0.1	0.1%
59.3%	61.7	61.8	0.1	0.2%
60.5%	61.7	61.8	0.1	0.2%
61.7%	61.7	61.8	0.1	0.2%
63.0%	61.7	61.7	0.0	0.0%
64.2%	61.7	61.7	0.0	0.0%
65.4%	61.6	61.6	0.1	0.1%
66.7%	61.5	61.6	0.1	0.2%
67.9%	61.5	61.6	0.1	0.2%
69.1%	61.5	61.6	0.1	0.2%
70.4%	61.4	61.6	0.2	0.3%
71.6%	61.3	61.5	0.2	0.4%
72.8%	61.3	61.5	0.2	0.4%
74.1%	61.3	61.5	0.2	0.4%
75.3%	61.2	61.3	0.1	0.2%
76.5%	61.2	61.3	0.1	0.1%
77.8%	61.2	61.3	0.1	0.2%
79.0%	61.1	61.3	0.2	0.3%
80.2%	61.0	61.1	0.2	0.3%
81.5%	61.0	61.1	0.1	0.2%
82.7%	60.9	61.0	0.1	0.2%
84.0%	60.7	61.0	0.3	0.5%
85.2%	60.6	60.9	0.3	0.5%
86.4%	60.5	60.9	0.4	0.7%
87.7%	60.4	60.8	0.4	0.7%
88.9%	60.3	60.5	0.2	0.4%
90.1%	60.3	60.5	0.2	0.3%
91.4%	60.2	60.2	0.0	0.0%
92.6%	60.2	60.2	0.0	0.0%
93.8%	60.1	60.1	0.0	0.0%
95.1%	59.9	60.0	0.0	0.1%
96.3%	59.8	60.0	0.1	0.2%
97.5%	59.7	59.9	0.2	0.4%
98.8%	59.6	59.8	0.2	0.4%
100.0%	59.6	59.8	0.2	0.3%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.8	67.6	-0.1	-0.2%
1.2%	66.9	66.4	-0.5	-0.7%
2.5%	66.8	66.2	-0.6	-0.9%
3.7%	66.8	65.7	-1.2	-1.7%
4.9%	66.7	65.6	-1.1	-1.7%
6.2%	66.5	65.2	-1.2	-1.8%
7.4%	65.9	65.0	-0.9	-1.4%
8.6%	65.3	64.7	-0.6	-0.9%
9.9%	64.8	64.5	-0.3	-0.5%
11.1%	64.4	64.4	0.0	-0.1%
12.3%	64.3	63.9	-0.3	-0.5%
13.6%	64.2	63.4	-0.8	-1.3%
14.8%	64.1	63.4	-0.7	-1.1%
16.0%	64.0	63.3	-0.7	-1.0%
17.3%	63.3	63.3	0.0	0.0%
18.5%	63.2	63.0	-0.2	-0.4%
19.8%	63.2	63.0	-0.2	-0.3%
21.0%	63.0	62.8	-0.1	-0.2%
22.2%	62.8	62.6	-0.2	-0.4%
23.5%	62.8	62.5	-0.4	-0.6%
24.7%	62.6	62.4	-0.2	-0.4%
25.9%	62.6	62.2	-0.3	-0.5%
27.2%	62.6	62.2	-0.4	-0.6%
28.4%	62.4	62.0	-0.4	-0.6%
29.6%	62.4	62.0	-0.4	-0.6%
30.9%	62.4	62.0	-0.4	-0.7%
32.1%	62.3	61.9	-0.4	-0.7%
33.3%	62.3	61.8	-0.5	-0.8%
34.6%	62.2	61.8	-0.4	-0.6%
35.8%	62.1	61.8	-0.3	-0.5%
37.0%	62.1	61.7	-0.4	-0.6%
38.3%	62.0	61.6	-0.4	-0.6%
39.5%	62.0	61.6	-0.4	-0.6%
40.7%	61.8	61.4	-0.4	-0.7%
42.0%	61.7	61.4	-0.3	-0.5%
43.2%	61.6	61.4	-0.3	-0.4%
44.4%	61.5	61.3	-0.2	-0.3%
45.7%	61.5	61.2	-0.3	-0.6%
46.9%	61.5	61.1	-0.4	-0.6%
48.1%	61.4	61.1	-0.3	-0.5%
49.4%	61.4	61.0	-0.4	-0.6%
50.6%	61.4	61.0	-0.3	-0.5%
51.9%	61.2	61.0	-0.2	-0.3%
53.1%	61.0	61.0	0.0	0.0%
54.3%	60.9	61.0	0.1	0.1%
55.6%	60.8	60.9	0.1	0.2%
56.8%	60.7	60.9	0.2	0.4%
58.0%	60.7	60.8	0.2	0.3%
59.3%	60.6	60.8	0.3	0.4%
60.5%	60.6	60.8	0.2	0.4%
61.7%	60.6	60.7	0.2	0.3%
63.0%	60.5	60.4	-0.1	-0.2%
64.2%	60.4	60.3	-0.1	-0.2%
65.4%	60.3	60.2	0.0	-0.1%
66.7%	60.1	60.1	0.0	0.0%
67.9%	60.0	60.0	0.0	0.0%
69.1%	59.9	59.9	0.0	0.0%
70.4%	59.8	59.9	0.1	0.2%
71.6%	59.6	59.9	0.3	0.4%
72.8%	59.6	59.8	0.2	0.3%
74.1%	59.5	59.6	0.1	0.2%
75.3%	59.3	59.5	0.2	0.3%
76.5%	59.2	59.3	0.1	0.1%
77.8%	59.2	59.3	0.1	0.1%
79.0%	59.2	59.2	0.0	0.1%
80.2%	59.1	59.2	0.0	0.0%
81.5%	59.1	59.1	0.0	0.1%
82.7%	59.1	59.1	0.1	0.1%
84.0%	58.9	59.1	0.1	0.2%
85.2%	58.8	59.0	0.1	0.2%
86.4%	58.8	58.9	0.1	0.1%
87.7%	58.8	58.9	0.1	0.1%
88.9%	58.7	58.8	0.1	0.2%
90.1%	58.7	58.7	0.0	0.1%
91.4%	58.6	58.6	0.0	0.0%
92.6%	58.5	58.6	0.0	0.0%
93.8%	58.5	58.3	-0.2	-0.3%
95.1%	58.2	58.0	-0.2	-0.3%
96.3%	58.0	57.6	-0.4	-0.7%
97.5%	57.3	57.4	0.0	0.1%
98.8%	57.0	56.9	-0.1	-0.1%
100.0%	56.8	56.8	0.0	-0.1%

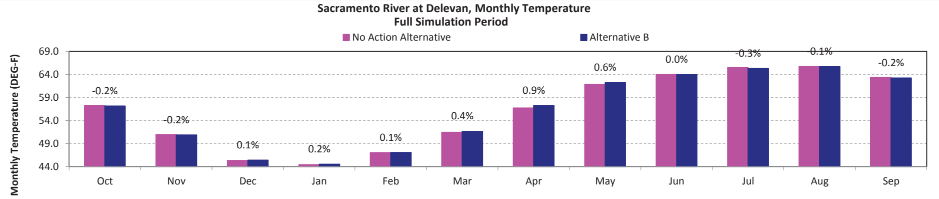
Table SQ-09-5a
Sacramento River at Delevan, Monthly Temperature
Long-term Average and Average by Water Year Type

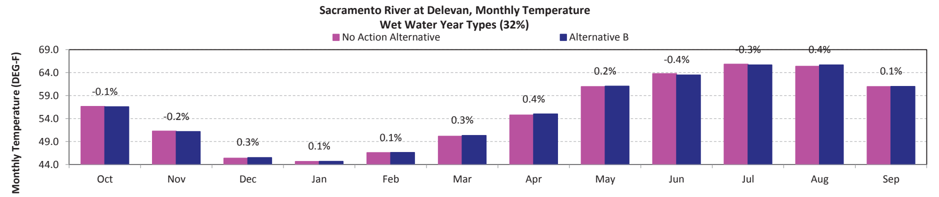
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	57.3	51.0	45.3	44.4	47.0	51.4	56.7	61.9	64.0	65.5	65.7	63.4
Alternative B	57.2	50.9	45.4	44.5	47.1	51.6	57.3	62.2	64.0	65.3	65.7	63.2
Difference	-0.1	-0.1	0.1	0.1	0.0	0.2	0.5	0.3	0.0	-0.2	0.0	-0.1
Percent Difference[3]	-0.2%	-0.2%	0.1%	0.2%	0.1%	0.4%	0.9%	0.6%	0.0%	-0.3%	-0.1%	-0.2%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	56.6	51.3	45.4	44.7	46.6	50.2	54.8	61.0	63.8	65.9	65.4	60.9
Alternative B	56.6	51.2	45.5	44.7	46.6	50.3	55.0	61.1	63.5	65.7	65.7	61.0
Difference	-0.1	-0.1	0.1	0.0	0.0	0.2	0.2	0.1	-0.3	-0.2	0.3	0.0
Percent Difference	-0.1%	-0.2%	0.3%	0.1%	0.1%	0.3%	0.4%	0.2%	-0.4%	-0.3%	0.4%	0.1%
Above Normal (15%)												
No Action Alternative	56.8	50.6	45.7	44.8	46.9	51.3	56.8	62.7	64.0	64.7	65.5	62.8
Alternative B	56.8	50.6	45.9	44.8	47.0	51.6	57.2	62.8	64.0	64.4	65.6	63.0
Difference	0.0	0.0	0.1	0.1	0.1	0.2	0.4	0.1	0.0	-0.3	0.1	0.2
Percent Difference	0.0%	0.0%	0.3%	0.2%	0.1%	0.5%	0.8%	0.2%	0.1%	-0.4%	0.1%	0.3%
Below Normal (17%)												
No Action Alternative	56.6	50.7	45.5	44.2	46.5	51.5	57.6	62.3	63.7	65.0	65.2	64.1
Alternative B	56.4	50.6	45.5	44.3	46.6	51.8	58.2	62.8	63.8	64.9	65.3	63.7
Difference	-0.2	0.0	0.0	0.1	0.0	0.3	0.7	0.5	0.1	-0.1	0.1	-0.4
Percent Difference	-0.4%	0.0%	0.0%	0.2%	0.1%	0.6%	1.2%	0.8%	0.1%	-0.2%	0.1%	-0.6%
Dry (22%)												
No Action Alternative	57.6	51.2	45.3	44.1	47.3	52.2	58.1	62.0	64.2	64.9	65.4	64.7
Alternative B	57.5	51.0	45.3	44.3	47.3	52.5	58.9	62.5	64.5	64.8	65.3	64.5
Difference	-0.1	-0.1	0.0	0.2	0.0	0.2	0.7	0.4	0.3	-0.1	-0.1	-0.3
Percent Difference	-0.1%	-0.3%	-0.1%	0.5%	0.1%	0.4%	1.3%	0.7%	0.4%	-0.2%	-0.1%	-0.4%
Critical (15%)												
No Action Alternative	59.6	50.7	44.7	44.3	48.2	53.1	57.8	62.3	64.3	66.8	67.8	66.2
Alternative B	59.2	50.5	44.7	44.4	48.3	53.2	58.6	63.1	64.4	66.6	66.9	65.8
Difference	-0.4	-0.2	0.0	0.1	0.1	0.2	0.8	0.8	0.1	-0.1	-0.9	-0.4
Percent Difference	-0.6%	-0.4%	0.0%	0.3%	0.1%	0.3%	1.4%	1.3%	0.1%	-0.2%	-1.3%	-0.7%

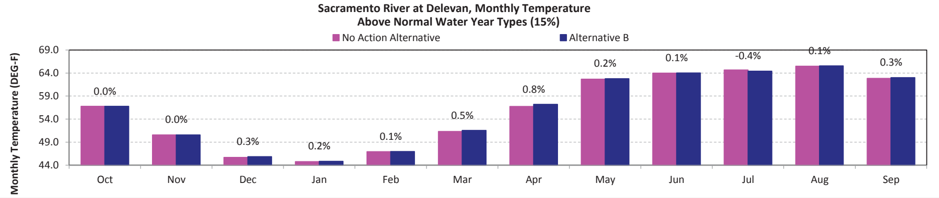
1 Based on the 82-year simulation period

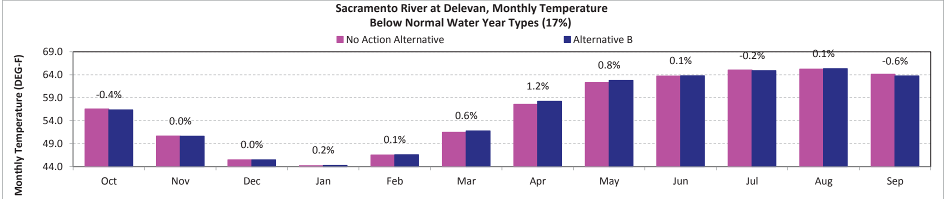
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

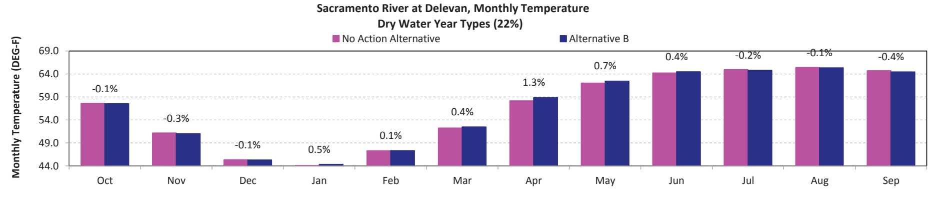
3 Relative difference of the monthly average


Sacramento River at Delevan, Monthly Temperature
Full Simulation Period


Sacramento River at Delevan, Monthly Temperature
Wet Water Year Types (32%)


Sacramento River at Delevan, Monthly Temperature
Above Normal Water Year Types (15%)


Sacramento River at Delevan, Monthly Temperature
Below Normal Water Year Types (17%)


Sacramento River at Delevan, Monthly Temperature
Dry Water Year Types (22%)

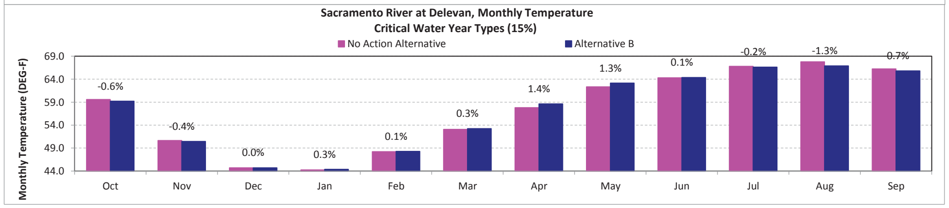

Sacramento River at Delevan, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-09-5b
Sacramento River at Delevan, Monthly Temperature
Probability of Exceedance

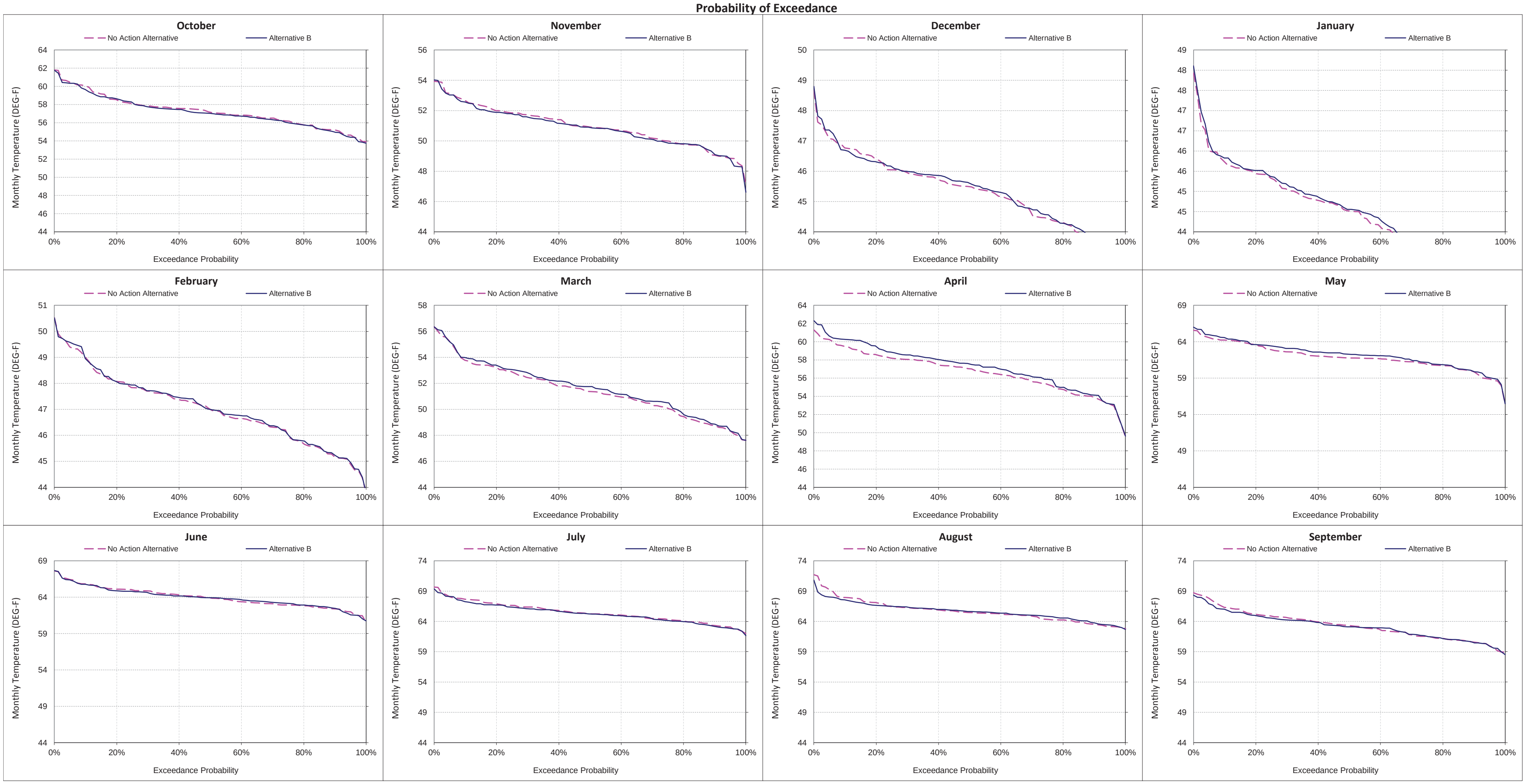


Table SQ-09-5b

Sacramento River at Delevan, Monthly Temperature
Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative B Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	61.8	61.8	0.0	-0.1%
1.2%	61.8	61.4	-0.3	-0.5%
2.5%	60.7	60.4	-0.3	-0.5%
3.7%	60.7	60.4	-0.3	-0.4%
4.9%	60.5	60.3	-0.1	-0.2%
6.2%	60.3	60.3	0.0	0.0%
7.4%	60.2	60.3	0.1	0.2%
8.6%	60.2	59.8	-0.3	-0.5%
9.9%	60.1	59.7	-0.4	-0.7%
11.1%	59.9	59.4	-0.5	-0.8%
12.3%	59.4	59.2	-0.1	-0.2%
13.6%	59.3	59.0	-0.3	-0.6%
14.8%	59.2	58.9	-0.3	-0.5%
16.0%	59.1	58.9	-0.3	-0.5%
17.3%	58.6	58.7	0.2	0.3%
18.5%	58.6	58.7	0.1	0.3%
19.8%	58.6	58.7	0.1	0.2%
21.0%	58.3	58.5	0.2	0.3%
22.2%	58.3	58.4	0.1	0.3%
23.5%	58.2	58.4	0.1	0.3%
24.7%	58.1	58.3	0.2	0.3%
25.9%	58.0	58.0	0.0	-0.1%
27.2%	58.0	57.9	-0.1	-0.1%
28.4%	57.9	57.9	0.0	0.0%
29.6%	57.9	57.8	-0.1	-0.2%
30.9%	57.8	57.7	-0.2	-0.3%
32.1%	57.8	57.6	-0.1	-0.2%
33.3%	57.7	57.6	-0.1	-0.2%
34.6%	57.7	57.6	-0.2	-0.3%
35.8%	57.7	57.5	-0.2	-0.3%
37.0%	57.6	57.5	-0.1	-0.2%
38.3%	57.6	57.5	-0.1	-0.2%
39.5%	57.6	57.5	-0.1	-0.2%
40.7%	57.6	57.4	-0.1	-0.2%
42.0%	57.6	57.3	-0.2	-0.4%
43.2%	57.5	57.2	-0.3	-0.6%
44.4%	57.5	57.1	-0.4	-0.6%
45.7%	57.5	57.1	-0.4	-0.6%
46.9%	57.4	57.1	-0.4	-0.6%
48.1%	57.4	57.1	-0.3	-0.5%
49.4%	57.2	57.1	-0.1	-0.3%
50.6%	57.1	57.0	-0.1	-0.2%
51.9%	57.1	56.9	-0.1	-0.2%
53.1%	57.0	56.9	-0.1	-0.2%
54.3%	57.0	56.9	-0.2	-0.3%
55.6%	57.0	56.8	-0.1	-0.2%
56.8%	56.9	56.8	0.0	-0.1%
58.0%	56.8	56.8	-0.1	-0.1%
59.3%	56.8	56.8	-0.1	-0.2%
60.5%	56.8	56.7	-0.1	-0.2%
61.7%	56.8	56.7	-0.1	-0.2%
63.0%	56.8	56.6	-0.2	-0.3%
64.2%	56.7	56.6	-0.1	-0.2%
65.4%	56.6	56.5	-0.1	-0.2%
66.7%	56.5	56.5	-0.1	-0.1%
67.9%	56.5	56.4	-0.1	-0.2%
69.1%	56.5	56.4	-0.1	-0.2%
70.4%	56.5	56.3	-0.2	-0.3%
71.6%	56.3	56.3	-0.1	-0.1%
72.8%	56.3	56.2	-0.1	-0.1%
74.1%	56.2	56.1	-0.1	-0.2%
75.3%	56.2	56.0	-0.2	-0.4%
76.5%	56.0	55.9	-0.1	-0.2%
77.8%	55.9	55.9	-0.1	-0.1%
79.0%	55.8	55.8	0.0	0.0%
80.2%	55.7	55.7	0.0	0.0%
81.5%	55.7	55.7	-0.1	-0.1%
82.7%	55.7	55.7	-0.1	-0.1%
84.0%	55.3	55.4	0.1	0.2%
85.2%	55.3	55.3	0.0	-0.1%
86.4%	55.3	55.2	0.0	-0.1%
87.7%	55.2	55.1	-0.1	-0.2%
88.9%	55.2	55.1	-0.2	-0.3%
90.1%	55.2	54.9	-0.3	-0.5%
91.4%	55.1	54.9	-0.2	-0.3%
92.6%	54.8	54.7	-0.1	-0.2%
93.8%	54.6	54.5	-0.2	-0.3%
95.1%	54.6	54.4	-0.2	-0.4%
96.3%	54.4	54.4	0.0	0.0%
97.5%	54.3	53.9	-0.4	-0.7%
98.8%	53.9	53.9	-0.1	-0.1%
100.0%	53.9	53.7	0.0	-0.3%

November

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative B Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	53.9	54.0	0.1	0.2%
1.2%	53.9	54.0	0.1	0.2%
2.5%	53.9	53.4	-0.4	-0.8%
3.7%	53.2	53.2	0.0	0.0%
4.9%	53.1	53.0	-0.1	-0.2%
6.2%	53.0	53.0	0.0	0.0%
7.4%	52.9	52.8	-0.1	-0.2%
8.6%	52.8	52.6	-0.2	-0.3%
9.9%	52.7	52.6	-0.1	-0.2%
11.1%	52.5	52.5	0.0	-0.1%
12.3%	52.5	52.4	0.0	0.0%
13.6%	52.4	52.1	-0.3	-0.5%
14.8%	52.4	52.1	-0.3	-0.5%
16.0%	52.3	52.0	-0.2	-0.5%
17.3%	52.2	52.0	-0.3	-0.5%
18.5%	52.1	51.9	-0.2	-0.3%
19.8%	52.0	51.9	-0.1	-0.2%
21.0%	52.0	51.9	-0.1	-0.2%
22.2%	51.9	51.8	-0.1	-0.2%
23.5%	51.9	51.8	-0.1	-0.2%
24.7%	51.8	51.8	0.0	-0.1%
25.9%	51.8	51.7	-0.1	-0.2%
27.2%	51.8	51.7	-0.1	-0.2%
28.4%	51.7	51.6	-0.1	-0.3%
29.6%	51.7	51.6	-0.1	-0.3%
30.9%	51.7	51.5	-0.2	-0.3%
32.1%	51.6	51.5	-0.2	-0.4%
33.3%	51.6	51.4	-0.2	-0.3%
34.6%	51.5	51.4	-0.1	-0.2%
35.8%	51.5	51.3	-0.2	-0.3%
37.0%	51.5	51.3	-0.1	-0.3%
38.3%	51.4	51.3	-0.1	-0.3%
39.5%	51.4	51.2	-0.2	-0.5%
40.7%	51.4	51.2	-0.3	-0.5%
42.0%	51.2	51.1	-0.1	-0.2%
43.2%	51.1	51.1	0.0	0.0%
44.4%	51.0	51.1	0.0	0.1%
45.7%	51.0	51.0	0.0	0.1%
46.9%	51.0	50.9	-0.1	-0.1%
48.1%	51.0	50.9	-0.1	-0.1%
49.4%	50.9	50.9	0.0	-0.1%
50.6%	50.9	50.9	0.0	-0.1%
51.9%	50.9	50.8	0.0	-0.1%
53.1%	50.9	50.8	0.0	-0.1%
54.3%	50.8	50.8	0.0	0.0%
55.6%	50.8	50.8	0.0	0.1%
56.8%	50.8	50.8	0.0	0.0%
58.0%	50.7	50.7	0.0	-0.1%
59.3%	50.7	50.6	-0.1	-0.2%
60.5%	50.7	50.6	0.0	-0.1%
61.7%	50.6	50.6	-0.1	-0.1%
63.0%	50.6	50.5	-0.1	-0.1%
64.2%	50.5	50.3	-0.3	-0.5%
65.4%	50.5	50.2	-0.3	-0.6%
66.7%	50.4	50.2	-0.2	-0.4%
67.9%	50.4	50.1	-0.3	-0.5%
69.1%	50.2	50.1	-0.1	-0.2%
70.4%	50.2	50.1	-0.1	-0.2%
71.6%	50.1	50.0	-0.2	-0.3%
72.8%	50.0	50.0	-0.1	-0.1%
74.1%	50.0	49.9	-0.1	-0.2%
75.3%	50.0	49.9	-0.1	-0.3%
76.5%	49.9	49.8	-0.1	-0.1%
77.8%	49.9	49.8	0.0	-0.1%
79.0%	49.8	49.8	0.0	0.0%
80.2%	49.8	49.8	0.0	0.1%
81.5%	49.7	49.8	0.1	0.1%
82.7%	49.7	49.8	0.0	0.0%
84.0%	49.7	49.8	0.0	0.0%
85.2%	49.7	49.7	0.0	0.1%
86.4%	49.6	49.6	0.0	-0.1%
87.7%	49.3	49.4	0.1	0.3%
88.9%	49.1	49.3	0.2	0.5%
90.1%	49.1	49.1	0.0	0.1%
91.4%	49.0	49.0	0.0	0.1%
92.6%	49.0	49.0	0.0	0.0%
93.8%	48.9	49.0	0.1	0.2%
95.1%	48.8	48.8	0.0	-0.1%
96.3%	48.8	48.3	-0.5	-1.0%
97.5%	48.5	48.3	-0.2	-0.4%
98.8%	48.4	48.3	-0.1	-0.1%
100.0%	47.1	46.6	-0.5	-1.1%

December

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative B Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	48.7	48.8	0.1	0.3%
1.2%	47.6	47.8	0.2	0.4%
2.5%	47.5	47.7	0.2	0.4%
3.7%	47.3	47.4	0.0	0.1%
4.9%	47.1	47.4	0.3	0.6%
6.2%	47.1	47.2	0.2	0.4%
7.4%	46.9	47.0	0.1	0.1%
8.6%	46.9	46.7	-0.2	-0.4%
9.9%	46.8	46.7	-0.1	-0.2%
11.1%	46.7	46.7	-0.1	-0.2%
12.3%	46.7	46.6	-0.2	-0.4%
13.6%	46.7	46.5	-0.2	-0.5%
14.8%	46.6	46.4	-0.1	-0.3%
16.0%	46.5	46.4	-0.1	-0.3%
17.3%	46.5	46.4	-0.2	-0.4%
18.5%	46.5	46.3	-0.2	-0.4%
19.8%	46.4	46.3	-0.1	-0.2%
21.0%	46.4	46.3	-0.1	-0.2%
22.2%	46.2	46.3	0.0	0.1%
23.5%	46.1	46.2	0.1	0.3%
24.7%	46.0	46.2	0.1	0.3%
25.9%	46.0	46.1	0.0	0.1%
27.2%	46.0	46.1	0.0	0.1%
28.4%	46.0	46.0	0.0	0.0%
29.6%	46.0	46.0	0.0	0.1%
30.9%	45.9	46.0	0.1	0.2%
32.1%	45.9	46.0	0.1	0.2%
33.3%	45.9	45.9	0.1	0.1%
34.6%	45.9	45.9	0.1	0.1%
35.8%	45.8	45.9	0.1	0.1%
37.0%	45.8	45.9	0.1	0.2%
38.3%	45.8	45.9	0.1	0.1%
39.5%	45.8	45.9	0.1	0.2%
40.7%	45.7	45.9	0.2	0.4%
42.0%	45.7	45.8	0.2	0.3%
43.2%	45.6	45.8	0.2	0.4%
44.4%	45.6	45.7	0.1	0.3%
45.7%	45.5	45.7	0.1	0.3%
46.9%	45.5	45.7	0.2	0.4%
48.1%	45.5	45.6	0.1	0.3%
49.4%	45.5	45.6	0.1	0.3%
50.6%	45.5	45.6	0.1	0.2%
51.9%	45.4	45.5	0.1	0.2%
53.1%	45.4	45.5	0.1	0.2%
54.3%	45.4	45.4	0.1	0.1%
55.6%	45.4	45.4	0.1	0.1%
56.8%	45.3	45.4	0.0	0.1%
58.0%	45.3	45.3	0.1	0.1%
59.3%	45.2	45.3	0.1	0.3%
60.5%	45.2	45.3	0.1	0.3%
61.7%	45.1	45.3	0.1	0.3%
63.0%	45.1	45.1	0.1	0.2%
64.2%	45.0	45.0	0.0	-0.1%
65.4%	45.0	44.9	-0.2	-0.4%
66.7%	44.9	44.8	-0.1	-0.2%
67.9%	44.8	44.8	-0.1	-0.1%
69.1%	44.7	44.8	0.0	0.1%
70.4%	44.5	44.7	0.2	0.5%
71.6%	44.5	44.7	0.2	0.5%
72.8%	44.5	44.6	0.1	0.3%
74.1%	44.5	44.6	0.1	0.2%
75.3%	44.4	44.6	0.1	0.3%
76.5%	44.4	44.4	0.1	0.2%
77.8%	44.3	44.4	0.0	0.1%
79.0%	44.3	44.3	0.0	-0.1%
80.2%	44.3	44.3	0.0	0.0%
81.5%	44.2	44.2	0.0	0.0%
82.7%	44.2	44.2	0.0	0.1%
84.0%	44.0	44.1	0.1	0.3%
85.2%	44.0	44.1	0.1	0.3%
86.4%	43.8	44.0	0.2	0.4%
87.7%	43.8	43.9	0.1	0.2%
88.9%	43.7	43.9	0.2	0.5%
90.1%	43.6	43.8	0.3	0.6%
91.4%	43.5	43.8	0.3	0.6%
92.6%	43.5	43.7	0.2	0.5%
93.8%	43.4	43.6	0.2	0.4%
95.1%	43.4	43.5	0.1	0.3%
96.3%	43.4	43.5	0.1	0.2%
97.5%	43.2	43.5	0.3	0.6%
98.8%	43.0	42.6	-0.4	-0.9%
100.0%	41.6	41.7	0.1	0.3%

January

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative B Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	47.9	48.1	0.2	0.4%
1.2%	47.4	47.5	0.1	0.2%
2.5%	46.7	47.0	0.3	0.6%
3.7%	46.5	46.7	0.1	0.3%
4.9%	46.0	46.2	0.2	0.5%
6.2%	46.0	46.0	0.0	0.0%
7.4%	46.0	45.9	-0.1	-0.1%
8.6%	45.8	45.9	0.1	0.1%
9.9%	45.7	45.8	0.1	0.2%
11.1%	45.6	45.8	0.2	0.4%
12.3%	45.6	45.7	0.1	0.2%
13.6%	45.6	45.7	0.1	0.2%
14.8%	45.6	45.6	0.1	0.1%
16.0%	45.6	45.6	0.0	0.0%
17.3%	45.5	45.6	0.0	0.1%
18.5%	45.5	45.5	0.0	0.1%
19.8%	45.4	45.5	0.1	0.2%
21.0%	45.4	45.5	0.1	0.2%
22.2%	45.4	45.5	0.1	0.2%
23.5%	45.4	45.4	0.0	0.0%
24.7%	45.3	45.4	0.0	0.1%
25.9%	45.3	45.4	0.1	0.1%
27.2%	45.2	45.3	0.1	0.2%
28.4%	45.1	45.2	0.1	0.3%
29.6%	45.1	45.2	0.1	0.3%
30.9%	45.0	45.1	0.1	0.2%
32.1%	45.0	45.1	0.1	0.2%
33.3%	45.0	45.0	0.1	0.1%
34.6%	44.9	45.0	0.1	0.3%
35.8%	44.9	44.9	0.1	0.2%
37.0%	44.8	44.9	0.1	0.2%
38.3%	44.8	44.9	0.1	0.2%
39.5%	44.8	44.9	0.1	0.2%
40.7%	44.8	44.8	0.1	0.1%
42.0%	44.7	44.8	0.1	0.1%
43.2%	44.7	44.7	0.0	0.1%
44.4%	44.7	44.7	0.0	0.1%
45.7%	44.7	44.7	0.0	0.1%
46.9%	44.6	44.7	0.0	0.0%
48.1%	44.6	44.6	0.1	0.1%
49.4%	44.5	44.6	0.0	0.1%
50.6%	44.5	44.6	0.0	0.1%
51.9%	44.5	44.5	0.0	0.1%
53.1%	44.5	44.5	0.0	0.1%
54.3%	44.4	44.5	0.1	0.3%
55.6%	44.3	44.5	0.1	0.3%
56.8%	44.2	44.4	0.2	0.5%
58.0%	44.2	44.4	0.2	0.4%
59.3%	44.2	44.3	0.2	0.4%
60.5%	44.1	44.3	0.2	0.4%
61.7%	44.1	44.2	0.1	0.3%
63.0%	44.0	44.1	0.1	0.2%
64.2%	44.0	44.1	0.1	0.3%
65.4%	43.9	44.0	0.0	0.1%
66.7%	43.9	43.9	0.1	0.1%
67.9%	43.9	43.8	0.0	-0.1%
69.1%	43.8	43.8	0.1	0.2%
70.4%	43.7	43.8	0.2	0.4%
71.6%	43.6	43.8	0.2	0.4%
72.8%	43.5	43.7	0.1	0.3%
74.1%	43.5	43.7	0.1	0.3%
75.3%	43.5	43.7	0.2	0.4%
76.5%	43.4	43.6	0.2	0.5%
77.8%	43.4	43.6	0.2	0.6%
79.0%	43.3	43.6	0.3	0.6%
80.2%	43.3	43.5	0.2	0.6%
81.5%	43.2	43.5	0.2	0.5%
82.7%	43.2	43.4	0.2	0.5%
84.0%	43.1	43.4	0.3	0.6%
85.2%	43.1	43.2	0.1	0.3%
86.4%	43.1	43.2	0.1	0.3%
87.7%	43.1	43.2	0.1	0.2%
88.9%	43.0	43.0	0.0	0.0%
90.1%	42.8	42.9	0.1	0.3%
91.4%	42.8	42.8	0.1	0.2%
92.6%	42.7	42.7	0.0	0.0%
93.8%	42.7	42.7	0.0	0.0%
95.1%	42.7	42.7	0.0	0.0%
96.3%	42.4	42.5	0.1	0.3%
97.5%	42.2	42.3	0.2	0.4%
98.8%	41.8	42.0	0.2	0.4%
100.0%	41.5	41.8	0.3	0.8%

Table SQ-09-5b

Sacramento River at Delevan, Monthly Temperature

Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.5	50.5	0.0	0.0%
1.2%	49.9	49.8	-0.1	-0.2%
2.5%	49.7	49.7	0.0	0.0%
3.7%	49.6	49.6	0.0	0.0%
4.9%	49.4	49.6	0.2	0.4%
6.2%	49.3	49.5	0.2	0.4%
7.4%	49.3	49.5	0.1	0.3%
8.6%	49.2	49.4	0.2	0.5%
9.9%	49.0	49.0	-0.1	-0.1%
11.1%	48.8	48.8	0.0	0.0%
12.3%	48.6	48.7	0.1	0.2%
13.6%	48.4	48.6	0.1	0.3%
14.8%	48.4	48.5	0.2	0.3%
16.0%	48.3	48.3	0.0	-0.1%
17.3%	48.2	48.3	0.1	0.2%
18.5%	48.2	48.1	0.0	-0.1%
19.8%	48.1	48.1	0.0	0.0%
21.0%	48.1	48.0	-0.1	-0.1%
22.2%	48.0	48.0	-0.1	-0.2%
23.5%	47.9	48.0	0.0	0.1%
24.7%	47.8	47.9	0.1	0.2%
25.9%	47.8	47.9	0.1	0.2%
27.2%	47.8	47.8	0.0	0.0%
28.4%	47.8	47.8	0.0	0.1%
29.6%	47.7	47.7	0.0	0.0%
30.9%	47.7	47.7	0.0	0.0%
32.1%	47.6	47.7	0.1	0.2%
33.3%	47.6	47.7	0.1	0.1%
34.6%	47.6	47.6	0.0	0.0%
35.8%	47.6	47.6	0.0	0.1%
37.0%	47.5	47.6	0.0	0.1%
38.3%	47.4	47.5	0.1	0.2%
39.5%	47.4	47.5	0.1	0.2%
40.7%	47.3	47.4	0.1	0.2%
42.0%	47.3	47.4	0.1	0.2%
43.2%	47.3	47.4	0.1	0.2%
44.4%	47.3	47.4	0.1	0.3%
45.7%	47.2	47.2	0.0	0.0%
46.9%	47.2	47.2	0.0	0.0%
48.1%	47.2	47.1	-0.1	-0.2%
49.4%	47.0	47.0	0.0	-0.1%
50.6%	47.0	47.0	0.0	0.1%
51.9%	47.0	47.0	0.0	0.0%
53.1%	46.9	46.9	0.0	0.1%
54.3%	46.8	46.8	0.1	0.1%
55.6%	46.7	46.8	0.1	0.2%
56.8%	46.7	46.8	0.1	0.2%
58.0%	46.6	46.8	0.1	0.3%
59.3%	46.6	46.8	0.1	0.3%
60.5%	46.6	46.7	0.1	0.2%
61.7%	46.6	46.7	0.1	0.3%
63.0%	46.6	46.7	0.1	0.2%
64.2%	46.6	46.6	0.1	0.1%
65.4%	46.5	46.6	0.1	0.2%
66.7%	46.5	46.6	0.1	0.2%
67.9%	46.4	46.4	0.0	0.0%
69.1%	46.3	46.4	0.0	0.1%
70.4%	46.3	46.4	0.1	0.1%
71.6%	46.3	46.3	0.0	0.1%
72.8%	46.2	46.2	0.0	0.0%
74.1%	46.2	46.2	-0.1	-0.1%
75.3%	45.9	46.0	0.0	0.1%
76.5%	45.8	45.8	0.0	0.0%
77.8%	45.8	45.8	0.0	0.1%
79.0%	45.8	45.8	0.0	0.1%
80.2%	45.7	45.8	0.1	0.3%
81.5%	45.6	45.7	0.1	0.1%
82.7%	45.6	45.6	0.1	0.1%
84.0%	45.6	45.6	0.0	0.1%
85.2%	45.5	45.6	0.1	0.1%
86.4%	45.4	45.4	0.0	-0.1%
87.7%	45.3	45.3	0.1	0.1%
88.9%	45.3	45.3	0.0	0.1%
90.1%	45.1	45.2	0.1	0.2%
91.4%	45.1	45.1	0.0	0.0%
92.6%	45.1	45.1	0.0	0.0%
93.8%	45.1	45.1	0.0	0.1%
95.1%	44.9	44.9	0.1	0.2%
96.3%	44.7	44.7	0.0	0.1%
97.5%	44.6	44.7	0.0	0.1%
98.8%	44.4	44.4	0.0	0.0%
100.0%	43.8	43.8	0.0	0.0%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.4	56.3	0.0	0.0%
1.2%	56.0	56.1	0.1	0.2%
2.5%	55.6	56.1	0.4	0.8%
3.7%	55.6	55.5	0.0	0.0%
4.9%	55.2	55.2	0.0	0.0%
6.2%	54.9	55.0	0.1	0.2%
7.4%	54.4	54.4	0.0	0.1%
8.6%	54.0	54.0	0.0	0.1%
9.9%	53.8	54.0	0.2	0.4%
11.1%	53.7	53.9	0.2	0.4%
12.3%	53.5	53.9	0.4	0.7%
13.6%	53.4	53.7	0.3	0.5%
14.8%	53.4	53.7	0.3	0.6%
16.0%	53.4	53.7	0.3	0.6%
17.3%	53.4	53.5	0.1	0.3%
18.5%	53.3	53.4	0.1	0.2%
19.8%	53.3	53.4	0.1	0.3%
21.0%	53.1	53.3	0.2	0.5%
22.2%	53.0	53.2	0.1	0.2%
23.5%	52.9	53.1	0.1	0.3%
24.7%	52.9	53.1	0.2	0.3%
25.9%	52.8	53.0	0.3	0.5%
27.2%	52.6	53.0	0.3	0.6%
28.4%	52.6	52.9	0.3	0.6%
29.6%	52.5	52.8	0.4	0.7%
30.9%	52.4	52.7	0.3	0.6%
32.1%	52.4	52.5	0.2	0.3%
33.3%	52.3	52.4	0.1	0.2%
34.6%	52.3	52.4	0.1	0.3%
35.8%	52.3	52.3	0.0	0.1%
37.0%	52.1	52.2	0.2	0.3%
38.3%	51.9	52.2	0.3	0.5%
39.5%	51.8	52.2	0.4	0.7%
40.7%	51.8	52.2	0.4	0.7%
42.0%	51.8	52.1	0.3	0.7%
43.2%	51.7	52.1	0.3	0.7%
44.4%	51.7	51.9	0.2	0.4%
45.7%	51.6	51.8	0.2	0.3%
46.9%	51.6	51.8	0.2	0.3%
48.1%	51.5	51.8	0.3	0.5%
49.4%	51.4	51.7	0.4	0.7%
50.6%	51.4	51.7	0.4	0.7%
51.9%	51.4	51.6	0.3	0.5%
53.1%	51.3	51.6	0.3	0.5%
54.3%	51.2	51.5	0.3	0.7%
55.6%	51.1	51.5	0.4	0.7%
56.8%	51.1	51.3	0.2	0.4%
58.0%	51.0	51.2	0.2	0.4%
59.3%	51.0	51.2	0.2	0.4%
60.5%	50.9	51.2	0.2	0.4%
61.7%	50.9	51.1	0.2	0.4%
63.0%	50.9	50.9	0.1	0.1%
64.2%	50.7	50.9	0.1	0.2%
65.4%	50.7	50.8	0.1	0.3%
66.7%	50.6	50.7	0.1	0.3%
67.9%	50.5	50.6	0.2	0.3%
69.1%	50.5	50.6	0.2	0.3%
70.4%	50.3	50.6	0.3	0.7%
71.6%	50.3	50.6	0.3	0.7%
72.8%	50.2	50.6	0.4	0.8%
74.1%	50.2	50.5	0.4	0.7%
75.3%	50.0	50.5	0.4	0.9%
76.5%	50.0	50.1	0.1	0.2%
77.8%	49.7	50.0	0.3	0.5%
79.0%	49.5	49.8	0.3	0.7%
80.2%	49.4	49.6	0.1	0.3%
81.5%	49.2	49.5	0.2	0.4%
82.7%	49.2	49.4	0.2	0.4%
84.0%	49.1	49.4	0.2	0.5%
85.2%	49.0	49.3	0.2	0.5%
86.4%	48.9	49.2	0.3	0.6%
87.7%	48.9	49.1	0.2	0.4%
88.9%	48.8	48.9	0.1	0.2%
90.1%	48.7	48.8	0.1	0.2%
91.4%	48.6	48.7	0.1	0.2%
92.6%	48.6	48.7	0.1	0.2%
93.8%	48.5	48.7	0.2	0.5%
95.1%	48.3	48.3	0.0	0.0%
96.3%	48.1	48.2	0.1	0.3%
97.5%	48.0	48.2	0.2	0.4%
98.8%	47.7	47.7	0.0	0.0%
100.0%	47.6	47.6	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	61.3	62.3	1.0	1.6%
1.2%	60.9	61.9	1.0	1.7%
2.5%	60.4	61.9	1.5	2.5%
3.7%	60.3	61.1	0.8	1.2%
4.9%	60.3	60.6	0.4	0.7%
6.2%	60.0	60.4	0.4	0.7%
7.4%	59.7	60.3	0.7	1.2%
8.6%	59.6	60.3	0.7	1.2%
9.9%	59.5	60.3	0.8	1.3%
11.1%	59.4	60.2	0.8	1.4%
12.3%	59.2	60.2	1.0	1.7%
13.6%	59.1	60.2	1.0	1.7%
14.8%	59.1	60.1	1.0	1.8%
16.0%	58.7	60.0	1.3	2.2%
17.3%	58.6	59.8	1.2	2.1%
18.5%	58.6	59.6	1.0	1.6%
19.8%	58.6	59.5	0.9	1.6%
21.0%	58.5	59.2	0.7	1.2%
22.2%	58.4	59.1	0.7	1.2%
23.5%	58.3	58.9	0.6	1.0%
24.7%	58.2	58.9	0.7	1.1%
25.9%	58.1	58.8	0.6	1.1%
27.2%	58.1	58.7	0.5	0.9%
28.4%	58.1	58.6	0.5	0.8%
29.6%	58.1	58.5	0.5	0.8%
30.9%	58.1	58.5	0.5	0.8%
32.1%	58.0	58.4	0.4	0.7%
33.3%	58.0	58.4	0.5	0.8%
34.6%	57.9	58.4	0.4	0.7%
35.8%	57.9	58.3	0.4	0.7%
37.0%	57.9	58.2	0.4	0.7%
38.3%	57.7	58.1	0.4	0.8%
39.5%	57.5	58.1	0.6	1.0%
40.7%	57.4	58.0	0.6	1.0%
42.0%	57.4	57.9	0.5	1.0%
43.2%	57.4	57.9	0.5	0.9%
44.4%	57.3	57.8	0.5	0.9%
45.7%	57.2	57.7	0.5	0.9%
46.9%	57.2	57.7	0.4	0.8%
48.1%	57.2	57.7	0.5	0.9%
49.4%	57.0	57.6	0.6	1.0%
50.6%	57.0	57.5	0.5	0.8%
51.9%	56.8	57.4	0.6	1.1%
53.1%	56.8	57.4	0.6	1.1%
54.3%	56.7	57.2	0.5	0.9%
55.6%	56.6	57.2	0.6	1.1%
56.8%	56.5	57.2	0.7	1.2%
58.0%	56.5	57.2	0.7	1.2%
59.3%	56.4	57.0	0.6	1.1%
60.5%	56.4	57.0	0.6	1.0%
61.7%	56.3	56.9	0.6	1.0%
63.0%	56.3	56.7	0.4	0.8%
64.2%	56.1	56.5	0.4	0.8%
65.4%	56.0	56.5	0.4	0.7%
66.7%	56.0	56.4	0.4	0.7%
67.9%	55.9	56.3	0.4	0.8%
69.1%	55.8	56.3	0.4	0.8%
70.4%	55.6	56.1	0.5	1.0%
71.6%	55.6	56.1	0.5	1.0%
72.8%	55.5	56.1	0.6	1.1%
74.1%	55.4	55.9	0.4	0.8%
75.3%	55.3	55.9	0.6	1.1%
76.5%	55.1	55.8	0.7	1.2%
77.8%	54.8	55.1	0.3	0.5%
79.0%	54.8	55.0	0.2	0.3%
80.2%	54.7	55.0	0.2	0.5%
81.5%	54.5	54.7	0.2	0.4%
82.7%	54.3	54.7	0.3	0.6%
84.0%	54.2	54.7	0.5	0.9%
85.2%	54.1	54.5	0.4	0.7%
86.4%	54.1	54.3	0.2	0.5%
87.7%	54.0	54.3	0.3	0.5%
88.9%	54.0	54.2	0.1	0.3%
90.1%	53.9	54.1	0.2	0.4%
91.4%	53.7	54.1	0.4	0.8%
92.6%	53.5	53.5	0.0	0.0%
93.8%	53.3	53.2	0.0	-0.1%
95.1%	53.1	53.2	0.0	0.1%
96.3%	52.9	53.1	0.1	0.3%
97.5%	51.9	52.0	0.1	0.2%
98.8%	50.8	50.8	0.0	0.1%
100.0%	49.5	49.6	0.1	0.2%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.6	66.0	0.4	0.6%
1.2%	65.5	65.7	0.2	0.3%
2.5%	64.9	65.7	0.8	1.2%
3.7%	64.7	65.0	0.3	0.4%
4.9%	64.6	65.0	0.4	0.6%
6.2%	64.4	64.9	0.5	0.8%
7.4%	64.4	64.8	0.4	0.7%
8.6%	64.2	64.6	0.4	0.6%
9.9%	64.2	64.6	0.4	0.6%
11.1%	64.2	64.4	0.2	0.3%
12.3%	64.2	64.4	0.2	0.3%
13.6%	64.1	64.3	0.2	0.3%
14.8%	64.0	64.1	0.1	0.2%
16.0%	63.9	64.1	0.2	0.4%
17.3%	63.8	64.0	0.2	0.4%
18.5%	63.7	63.6	0.0	-0.1%
19.8%	63.6	63.6	0.0	0.0%
21.0%	63.4	63.6	0.2	0.2%
22.2%	63.4	63.6	0.2	0.3%
23.5%	62.9	63.5	0.6	0.9%
24.7%	62.9	63.4	0.5	0.8%
25.9%	62.8	63.4	0.6	0.9%
27.2%	62.7	63.3	0.5	0.9%
28.4%	62.7	63.2	0.5	0.8%
29.6%	62.6	63.1	0.5	0.7%
30.9%	62.6	63.1	0.5	0.7%
32.1%	62.6	63.1	0.5	0.8%
33.3%	62.5	63.1	0.5	0.9%
34.6%	62.5	62.9	0.4	0.7%
35.8%	62.3	62.9	0.6	1.0%
37.0%	62.1	62.7	0.6	0.9%
38.3%	62.1	62.6	0.5	0.8%
39.5%	62.0	62.6	0.5	0.9%
40.7%	62.0	62.6	0.6	0.9%
42.0%	62.0	62.5	0.5	0.8%
43.2%	61.9	62.5	0.5	0.9%
44.4%	61.9	62.5	0.6	0.9%
45.7%	61.9	62.5	0.6	1.0%
46.9%	61.8	62.5	0.6	1.0%
48.1%	61.8	62.3	0.5	0.8%
49.4%	61.8	62.3	0.5	0.8%
50.6%	61.8	62.3	0.5	0.8%
51.9%	61.8	62.3	0.5	0.8%
53.1%	61.7	62.2	0.5	0.7%
54.3%	61.7	62.2	0.4	0.7%
55.6%	61.7	62.1	0.4	0.7%
56.8%	61.7	62.1	0.4	0.7%
58.0%	61.7	62.1	0.4	0.6%
59.3%	61.7	62.1	0.4	0.7%
60.5%	61.6	62.1	0.4	0.7%
61.7%	61.6	62.1	0.4	0.7%
63.0%	61.5	62.0	0.6	0.9%
64.2%	61.5	61.9	0.5	0.8%
65.4%	61.4	61.9	0.5	0.7%
66.7%	61.3	61.8	0.5	0.7%
67.9%	61.3	61.6	0.3	0.6%
69.1%	61.3	61.6	0.4	0.6%
70.4%	61.3	61.4	0.2	0.3%
71.6%	61.2	61.4	0.2	0.4%
72.8%	61.1	61.2	0.2	0.3%
74.1%	61.0	61.2	0.2	0.3%
75.3%	60.8	61.1	0.3	0.5%
76.5%	60.8	60.9	0.1	0.2%
77.8%	60.8	60.9	0.1	0.2%
79.0%	60.8	60.9	0.1	0.2%
80.2%	60.7	60.8	0.1	0.2%
81.5%	60.7	60.8	0.1	0.1%
82.7%	60.7	60.7	0.1	0.1%
84.0%	60.4	60.4	0.0	0.1%
85.2%	60.2	60.3	0.1	0.1%
86.4%	60.2	60.2	0.1	0.1%
87.7%	60.1	60.2	0.1	0.1%
88.9%	60.0	60.1	0.0	0.1%
90.1%	59.8	59.9	0.0	0.1%
91.4%	59.5	59.8	0.4	0.6%
92.6%	59.0	59.7	0.7	1.2%
93.8%	59.0	59.1	0.2	0.3%
95.1%	58.9	59.1	0.2	0.3%
96.3%	58.7	59.0	0.3	0.5%
97.5%	58.6	58.8	0.2	0.4%
98.8%	58.0	58.1	0.1	0.2%
100.0%	55.5	55.5	0.0	0.0%

Table SQ-09-5b

Sacramento River at Delevan, Monthly Temperature

Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.6	67.7	0.1	0.1%
1.2%	67.5	67.5	0.0	0.0%
2.5%	66.7	66.6	-0.1	-0.1%
3.7%	66.6	66.4	-0.2	-0.2%
4.9%	66.4	66.4	0.0	-0.1%
6.2%	66.4	66.2	-0.2	-0.2%
7.4%	65.9	65.9	0.0	0.0%
8.6%	65.8	65.8	-0.1	-0.1%
9.9%	65.8	65.8	-0.1	-0.1%
11.1%	65.8	65.7	-0.1	-0.1%
12.3%	65.7	65.6	-0.1	-0.1%
13.6%	65.5	65.6	0.1	0.2%
14.8%	65.3	65.3	0.0	0.0%
16.0%	65.3	65.3	0.0	0.0%
17.3%	65.2	65.0	-0.2	-0.3%
18.5%	65.2	64.9	-0.2	-0.3%
19.8%	65.1	64.9	-0.2	-0.3%
21.0%	65.1	64.9	-0.2	-0.4%
22.2%	65.1	64.8	-0.3	-0.4%
23.5%	65.1	64.8	-0.2	-0.4%
24.7%	65.0	64.8	-0.2	-0.4%
25.9%	64.9	64.8	-0.1	-0.2%
27.2%	64.9	64.7	-0.2	-0.2%
28.4%	64.9	64.7	-0.2	-0.3%
29.6%	64.9	64.7	-0.2	-0.3%
30.9%	64.8	64.5	-0.3	-0.5%
32.1%	64.6	64.4	-0.2	-0.3%
33.3%	64.6	64.3	-0.2	-0.3%
34.6%	64.5	64.3	-0.2	-0.3%
35.8%	64.5	64.3	-0.2	-0.3%
37.0%	64.4	64.3	-0.2	-0.3%
38.3%	64.4	64.2	-0.2	-0.4%
39.5%	64.4	64.2	-0.2	-0.3%
40.7%	64.2	64.2	-0.1	-0.1%
42.0%	64.2	64.1	-0.1	-0.1%
43.2%	64.2	64.1	-0.1	-0.1%
44.4%	64.1	64.1	-0.1	-0.1%
45.7%	64.1	64.0	-0.1	-0.2%
46.9%	64.1	64.0	-0.2	-0.3%
48.1%	64.0	63.9	0.0	0.0%
49.4%	63.9	63.9	0.0	0.0%
50.6%	63.9	63.9	0.1	0.1%
51.9%	63.8	63.9	0.1	0.1%
53.1%	63.8	63.9	0.1	0.1%
54.3%	63.7	63.8	0.1	0.2%
55.6%	63.7	63.8	0.1	0.2%
56.8%	63.6	63.8	0.2	0.3%
58.0%	63.5	63.7	0.3	0.4%
59.3%	63.4	63.7	0.3	0.5%
60.5%	63.4	63.6	0.2	0.4%
61.7%	63.3	63.6	0.2	0.4%
63.0%	63.3	63.5	0.2	0.4%
64.2%	63.2	63.5	0.3	0.4%
65.4%	63.2	63.4	0.2	0.4%
66.7%	63.1	63.4	0.3	0.4%
67.9%	63.1	63.4	0.3	0.4%
69.1%	63.1	63.4	0.2	0.4%
70.4%	63.1	63.2	0.2	0.2%
71.6%	63.0	63.2	0.3	0.4%
72.8%	62.9	63.2	0.3	0.4%
74.1%	62.9	63.2	0.3	0.4%
75.3%	62.9	63.1	0.2	0.3%
76.5%	62.9	63.1	0.2	0.3%
77.8%	62.9	62.9	0.1	0.1%
79.0%	62.8	62.9	0.1	0.1%
80.2%	62.8	62.9	0.1	0.1%
81.5%	62.8	62.9	0.0	0.1%
82.7%	62.7	62.8	0.2	0.3%
84.0%	62.6	62.8	0.2	0.3%
85.2%	62.6	62.7	0.1	0.2%
86.4%	62.5	62.7	0.2	0.3%
87.7%	62.5	62.6	0.1	0.2%
88.9%	62.4	62.5	0.1	0.2%
90.1%	62.4	62.4	0.1	0.1%
91.4%	62.4	62.3	-0.1	-0.1%
92.6%	62.1	62.0	-0.2	-0.2%
93.8%	62.0	61.8	-0.2	-0.3%
95.1%	62.0	61.6	-0.4	-0.7%
96.3%	61.6	61.5	-0.1	-0.1%
97.5%	61.5	61.5	0.0	0.0%
98.8%	61.5	61.0	-0.4	-0.7%
100.0%	60.5	60.7	0.2	0.3%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	69.7	69.4	-0.3	-0.4%
1.2%	69.6	68.7	-0.9	-1.3%
2.5%	68.7	68.7	0.0	0.0%
3.7%	68.4	68.1	-0.3	-0.4%
4.9%	68.1	68.1	0.0	0.0%
6.2%	67.9	68.1	0.2	0.3%
7.4%	67.8	67.5	-0.3	-0.4%
8.6%	67.8	67.5	-0.3	-0.5%
9.9%	67.7	67.3	-0.4	-0.6%
11.1%	67.6	67.2	-0.4	-0.6%
12.3%	67.6	67.0	-0.5	-0.8%
13.6%	67.5	66.9	-0.6	-0.9%
14.8%	67.5	66.9	-0.6	-0.8%
16.0%	67.1	66.8	-0.4	-0.5%
17.3%	67.1	66.8	-0.3	-0.5%
18.5%	67.0	66.7	-0.3	-0.4%
19.8%	66.9	66.7	-0.2	-0.3%
21.0%	66.8	66.7	-0.1	-0.2%
22.2%	66.7	66.7	0.0	0.0%
23.5%	66.7	66.4	-0.2	-0.3%
24.7%	66.7	66.4	-0.3	-0.4%
25.9%	66.6	66.3	-0.3	-0.5%
27.2%	66.4	66.2	-0.2	-0.2%
28.4%	66.4	66.2	-0.2	-0.3%
29.6%	66.4	66.1	-0.3	-0.4%
30.9%	66.4	66.1	-0.3	-0.5%
32.1%	66.4	66.0	-0.3	-0.5%
33.3%	66.3	65.9	-0.4	-0.5%
34.6%	66.1	65.9	-0.2	-0.3%
35.8%	66.0	65.9	-0.1	-0.1%
37.0%	65.9	65.9	0.1	0.1%
38.3%	65.9	65.9	0.0	0.0%
39.5%	65.8	65.7	-0.2	-0.2%
40.7%	65.8	65.6	-0.1	-0.2%
42.0%	65.7	65.5	-0.1	-0.2%
43.2%	65.6	65.5	-0.1	-0.2%
44.4%	65.5	65.4	0.0	-0.1%
45.7%	65.4	65.3	-0.1	-0.2%
46.9%	65.4	65.3	-0.1	-0.1%
48.1%	65.4	65.3	-0.1	-0.1%
49.4%	65.3	65.3	0.0	0.0%
50.6%	65.2	65.2	0.0	-0.1%
51.9%	65.2	65.2	0.0	-0.1%
53.1%	65.2	65.2	-0.1	-0.1%
54.3%	65.2	65.1	0.0	-0.1%
55.6%	65.2	65.1	-0.1	-0.1%
56.8%	65.1	65.0	-0.1	-0.2%
58.0%	65.1	65.0	-0.1	-0.2%
59.3%	65.1	65.0	-0.1	-0.2%
60.5%	65.0	64.9	-0.1	-0.2%
61.7%	65.0	64.8	-0.1	-0.2%
63.0%	64.9	64.8	-0.1	-0.1%
64.2%	64.9	64.8	-0.1	-0.1%
65.4%	64.8	64.8	-0.1	-0.1%
66.7%	64.7	64.7	0.0	0.1%
67.9%	64.6	64.7	0.2	0.2%
69.1%	64.5	64.6	0.1	0.2%
70.4%	64.5	64.4	-0.1	-0.2%
71.6%	64.5	64.3	-0.2	-0.3%
72.8%	64.4	64.3	-0.1	-0.2%
74.1%	64.4	64.2	-0.3	-0.4%
75.3%	64.3	64.1	-0.2	-0.2%
76.5%	64.2	64.1	-0.2	-0.3%
77.8%	64.2	64.0	-0.2	-0.2%
79.0%	64.1	64.0	-0.1	-0.2%
80.2%	64.1	64.0	-0.1	-0.1%
81.5%	63.9	63.9	0.0	0.0%
82.7%	63.9	63.9	0.0	0.0%
84.0%	63.9	63.7	-0.2	-0.3%
85.2%	63.9	63.5	-0.3	-0.5%
86.4%	63.7	63.5	-0.2	-0.4%
87.7%	63.7	63.4	-0.3	-0.4%
88.9%	63.4	63.3	-0.1	-0.2%
90.1%	63.3	63.2	-0.1	-0.2%
91.4%	63.2	63.0	-0.2	-0.4%
92.6%	63.2	63.0	-0.2	-0.3%
93.8%	63.1	62.9	-0.2	-0.3%
95.1%	63.1	62.8	-0.2	-0.4%
96.3%	62.7	62.8	0.1	0.1%
97.5%	62.7	62.7	0.1	0.1%
98.8%	62.4	62.4	0.0	0.0%
100.0%	62.0	61.7	-0.3	-0.5%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	71.7	70.8	-0.9	-1.2%
1.2%	71.5	68.8	-2.7	-3.7%
2.5%	69.9	68.4	-1.5	-2.1%
3.7%	69.7	68.1	-1.5	-2.2%
4.9%	69.3	68.0	-1.2	-1.8%
6.2%	68.9	68.0	-0.9	-1.3%
7.4%	68.2	67.9	-0.3	-0.4%
8.6%	68.0	67.6	-0.4	-0.5%
9.9%	67.9	67.6	-0.4	-0.6%
11.1%	67.9	67.4	-0.5	-0.7%
12.3%	67.9	67.3	-0.5	-0.8%
13.6%	67.8	67.2	-0.7	-1.0%
14.8%	67.7	67.1	-0.6	-0.9%
16.0%	67.3	67.0	-0.2	-0.4%
17.3%	67.2	66.8	-0.4	-0.6%
18.5%	67.1	66.7	-0.4	-0.6%
19.8%	67.1	66.6	-0.5	-0.7%
21.0%	67.0	66.6	-0.4	-0.5%
22.2%	66.9	66.6	-0.4	-0.6%
23.5%	66.6	66.5	0.0	0.0%
24.7%	66.5	66.5	0.1	0.1%
25.9%	66.4	66.5	0.1	0.1%
27.2%	66.4	66.4	0.1	0.1%
28.4%	66.3	66.4	0.1	0.1%
29.6%	66.3	66.4	0.1	0.1%
30.9%	66.2	66.3	0.0	0.0%
32.1%	66.2	66.2	0.1	0.1%
33.3%	66.2	66.2	0.0	0.1%
34.6%	66.1	66.2	0.1	0.1%
35.8%	66.1	66.2	0.1	0.1%
37.0%	66.0	66.1	0.1	0.1%
38.3%	66.0	66.1	0.1	0.2%
39.5%	65.9	66.0	0.1	0.1%
40.7%	65.9	66.0	0.1	0.2%
42.0%	65.8	66.0	0.2	0.3%
43.2%	65.8	65.9	0.1	0.2%
44.4%	65.8	65.8	0.1	0.1%
45.7%	65.7	65.8	0.2	0.3%
46.9%	65.5	65.8	0.3	0.4%
48.1%	65.5	65.7	0.2	0.3%
49.4%	65.5	65.6	0.1	0.2%
50.6%	65.5	65.6	0.2	0.2%
51.9%	65.4	65.6	0.2	0.3%
53.1%	65.4	65.6	0.2	0.3%
54.3%	65.4	65.6	0.2	0.3%
55.6%	65.3	65.5	0.2	0.3%
56.8%	65.3	65.5	0.2	0.3%
58.0%	65.3	65.4	0.1	0.2%
59.3%	65.3	65.4	0.1	0.2%
60.5%	65.2	65.4	0.2	0.3%
61.7%	65.1	65.4	0.2	0.3%
63.0%	65.1	65.2	0.1	0.1%
64.2%	65.1	65.2	0.0	0.1%
65.4%	65.1	65.1	0.0	0.0%
66.7%	65.0	65.1	0.1	0.2%
67.9%	65.0	65.0	0.1	0.1%
69.1%	65.0	65.0	0.1	0.1%
70.4%	64.8	65.0	0.2	0.3%
71.6%	64.8	65.0	0.2	0.3%
72.8%	64.4	65.0	0.6	0.9%
74.1%	64.4	64.9	0.5	0.8%
75.3%	64.3	64.8	0.5	0.8%
76.5%	64.3	64.8	0.5	0.8%
77.8%	64.3	64.7	0.4	0.6%
79.0%	64.2	64.6	0.3	0.5%
80.2%	64.2	64.6	0.3	0.5%
81.5%	64.2	64.6	0.4	0.6%
82.7%	64.1	64.4	0.3	0.4%
84.0%	63.9	64.3	0.4	0.6%
85.2%	63.9	64.1	0.2	0.3%
86.4%	63.8	64.1	0.3	0.4%
87.7%	63.6	64.1	0.5	0.7%
88.9%	63.6	63.9	0.3	0.4%
90.1%	63.5	63.8	0.2	0.4%
91.4%	63.4	63.6	0.1	0.2%
92.6%	63.4	63.5	0.1	0.2%
93.8%	63.2	63.5	0.3	0.4%
95.1%	63.2	63.4	0.2	0.4%
96.3%	63.1	63.3	0.2	0.3%
97.5%	63.1	63.2	0.0	0.1%
98.8%	63.0	63.0	0.0	0.0%
100.0%	62.8	62.7	-0.1	-0.2%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	68.7	68.3	-0.4	-0.6%
1.2%	68.5	68.0	-0.5	-0.7%
2.5%	68.3	68.0	-0.3	-0.5%
3.7%	68.2	67.5	-0.6	-0.9%
4.9%	67.8	66.9	-0.9	-1.3%
6.2%	67.4	66.7	-0.7	-1.0%
7.4%	67.0	66.2	-0.8	-1.2%
8.6%	66.6	66.1	-0.5	-0.8%
9.9%	66.3	66.0	-0.3	-0.5%
11.1%	66.3	65.8	-0.5	-0.8%
12.3%	66.1	65.5	-0.6	-0.9%
13.6%	66.0	65.5	-0.5	-0.8%
14.8%	66.0	65.5	-0.5	-0.8%
16.0%	65.7	65.4	-0.2	-0.4%
17.3%	65.4	65.2	-0.2	-0.3%
18.5%	65.3	65.0	-0.2	-0.4%
19.8%	65.2	65.0	-0.2	-0.3%
21.0%	65.1	64.9	-0.2	-0.3%
22.2%	65.0	64.8	-0.2	-0.3%
23.5%	65.0	64.6	-0.3	-0.5%
24.7%	64.9	64.5	-0.4	-0.6%
25.9%	64.8	64.5	-0.3	-0.4%
27.2%	64.7	64.4	-0.3	-0.5%
28.4%	64.7	64.3	-0.4	-0.7%
29.6%	64.7	64.2	-0.5	-0.7%
30.9%	64.5	64.2	-0.3	-0.5%
32.1%	64.5	64.2	-0.3	-0.5%
33.3%	64.4	64.2	-0.2	-0.3%
34.6%	64.3	64.2	-0.2	-0.3%
35.8%	64.3	64.1	-0.2	-0.2%
37.0%	64.2	64.0	-0.2	-0.3%
38.3%	64.0	63.9	-0.1	-0.1%
39.5%	64.0	63.8	-0.1	-0.2%
40.7%	63.9	63.8	-0.1	-0.2%
42.0%	63.8	63.5	-0.4	-0.6%
43.2%	63.7	63.4	-0.3	-0.5%
44.4%	63.6	63.3	-0.3	-0.4%
45.7%	63.5	63.3	-0.1	-0.2%
46.9%	63.5	63.3	-0.2	-0.3%
48.1%	63.4	63.2	-0.2	-0.4%
49.4%	63.4	63.1	-0.3	-0.4%
50.6%	63.3	63.1	-0.2	-0.3%
51.9%	63.2	63.1	-0.1	-0.2%
53.1%	63.2	63.0	-0.2	-0.3%
54.3%	63.0	63.0	0.0	0.0%
55.6%	62.9	63.0	0.1	0.2%
56.8%	62.8	63.0	0.1	0.2%
58.0%	62.8	63.0	0.2	0.3%
59.3%	62.8	62.9	0.2	0.3%
60.5%	62.5	62.9	0.4	0.7%
61.7%	62.5	62.9	0.4	0.7%
63.0%	62.4	62.9	0.5	0.8%
64.2%	62.3	62.7	0.3	0.5%
65.4%	62.3	62.4	0.2	0.3%
66.7%	62.2	62.3	0.0	0.1%
67.9%	62.2	62.2	0.0	0.0%
69.1%	61.8	61.9	0.0	0.1%
70.4%	61.8	61.9	0.1	0.1%
71.6%	61.6	61.8	0.2	0.4%
72.8%	61.5	61.7	0.1	0.2%
74.1%	61.5	61.7	0.1	0.2%
75.3%	61.5	61.5	0.0	-0.1%
76.5%	61.4	61.4	0.1	0.1%
77.8%	61.2	61.4	0.1	0.2%
79.0%	61.2	61.3	0.1	0.2%
80.2%	61.2	61.2	0.0	0.0%
81.5%	61.0	61.0	0.0	0.0%
82.7%	61.0	61.0	0.1	0.1%
84.0%	60.9	61.0	0.1	0.1%
85.2%	60.9	61.0	0.1	0.1%
86.4%	60.9	60.8	-0.1	-0.1%
87.7%	60.8	60.8	0.0	0.0%
88.9%	60.6	60.7	0.0	0.0%
90.1%	60.6	60.4	-0.1	-0.2%
91.4%	60.5	60.4	0.0	-0.1%
92.6%	60.4	60.4	0.0	-0.1%
93.8%	60.3	60.3	0.0	0.0%
95.1%	59.9	59.9	0.0	-0.1%
96.3%	59.7	59.6	-0.1	-0.1%
97.5%	59.2	59.5	0.4	0.6%
98.8%	59.0	59.0	0.0	0.1%
100.0%	59.0	58.5	-0.4	-0.7%

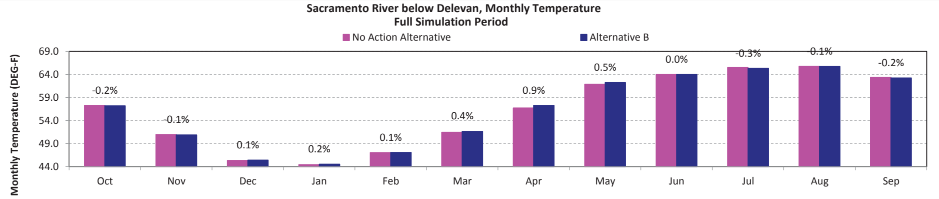
Table SQ-10-5a
Sacramento River below Delevan, Monthly Temperature
Long-term Average and Average by Water Year Type

	Monthly Temperature (DEG-F)											
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period[1]												
No Action Alternative	57.3	51.0	45.3	44.4	47.0	51.4	56.7	61.9	64.0	65.5	65.8	63.4
Alternative B	57.2	50.9	45.4	44.5	47.1	51.7	57.2	62.2	64.0	65.3	65.7	63.2
Difference	-0.1	-0.1	0.1	0.1	0.0	0.2	0.5	0.3	0.0	-0.2	0.0	-0.1
Percent Difference[3]	-0.2%	-0.1%	0.1%	0.2%	0.1%	0.4%	0.9%	0.5%	0.0%	-0.3%	-0.1%	-0.2%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	56.6	51.3	45.4	44.7	46.6	50.2	54.8	61.0	63.8	65.9	65.4	61.0
Alternative B	56.6	51.2	45.5	44.7	46.6	50.3	55.0	61.1	63.5	65.7	65.7	61.0
Difference	0.0	-0.1	0.1	0.0	0.0	0.2	0.2	0.1	-0.3	-0.2	0.3	0.1
Percent Difference	-0.1%	-0.1%	0.3%	0.1%	0.1%	0.3%	0.4%	0.1%	-0.4%	-0.3%	0.4%	0.1%
Above Normal (15%)												
No Action Alternative	56.8	50.6	45.7	44.8	46.9	51.3	56.8	62.7	64.0	64.7	65.5	62.9
Alternative B	56.8	50.6	45.9	44.8	47.0	51.6	57.2	62.8	64.1	64.4	65.6	63.0
Difference	0.0	0.0	0.2	0.1	0.1	0.2	0.4	0.1	0.0	-0.3	0.1	0.2
Percent Difference	0.0%	0.1%	0.3%	0.2%	0.1%	0.5%	0.8%	0.2%	0.1%	-0.4%	0.1%	0.3%
Below Normal (17%)												
No Action Alternative	56.6	50.7	45.5	44.2	46.5	51.5	57.6	62.3	63.7	65.1	65.3	64.1
Alternative B	56.4	50.7	45.5	44.3	46.6	51.8	58.2	62.8	63.8	64.9	65.3	63.8
Difference	-0.2	0.0	0.0	0.1	0.0	0.3	0.6	0.5	0.1	-0.1	0.1	-0.4
Percent Difference	-0.3%	0.0%	0.0%	0.2%	0.1%	0.6%	1.1%	0.7%	0.1%	-0.2%	0.1%	-0.6%
Dry (22%)												
No Action Alternative	57.6	51.2	45.3	44.1	47.3	52.3	58.2	62.0	64.3	65.0	65.4	64.7
Alternative B	57.6	51.1	45.3	44.3	47.3	52.5	58.9	62.5	64.5	64.8	65.4	64.5
Difference	-0.1	-0.1	0.0	0.2	0.0	0.2	0.7	0.4	0.2	-0.1	-0.1	-0.3
Percent Difference	-0.1%	-0.2%	0.0%	0.5%	0.1%	0.4%	1.2%	0.7%	0.4%	-0.2%	-0.1%	-0.4%
Critical (15%)												
No Action Alternative	59.6	50.7	44.7	44.3	48.2	53.1	57.8	62.4	64.3	66.8	67.8	66.3
Alternative B	59.2	50.5	44.7	44.4	48.3	53.2	58.6	63.1	64.4	66.7	66.9	65.8
Difference	-0.3	-0.2	0.0	0.1	0.1	0.2	0.8	0.8	0.1	-0.2	-0.9	-0.4
Percent Difference	-0.6%	-0.4%	0.0%	0.3%	0.1%	0.3%	1.3%	1.2%	0.1%	-0.2%	-1.3%	-0.6%

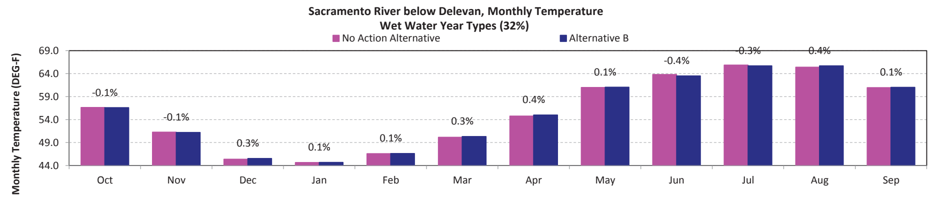
1 Based on the 82-year simulation period

2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

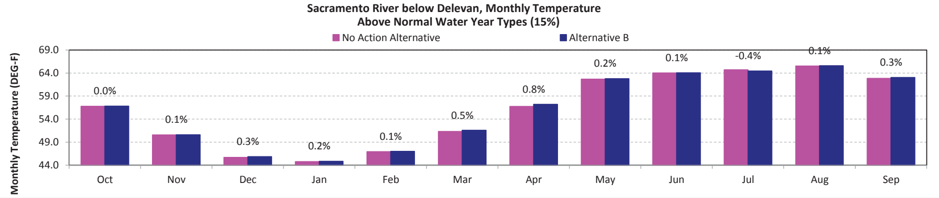
3 Relative difference of the monthly average



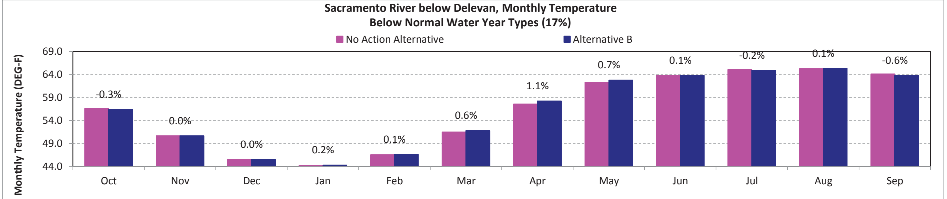
Sacramento River below Delevan, Monthly Temperature
Full Simulation Period



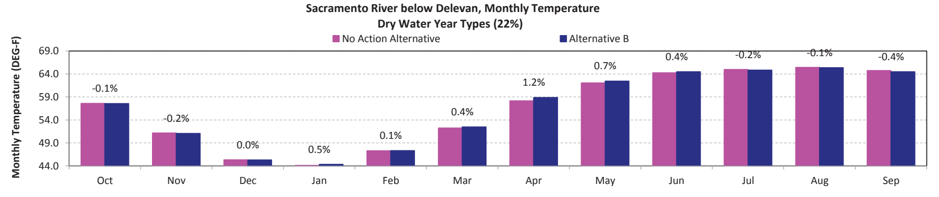
Sacramento River below Delevan, Monthly Temperature
Wet Water Year Types (32%)



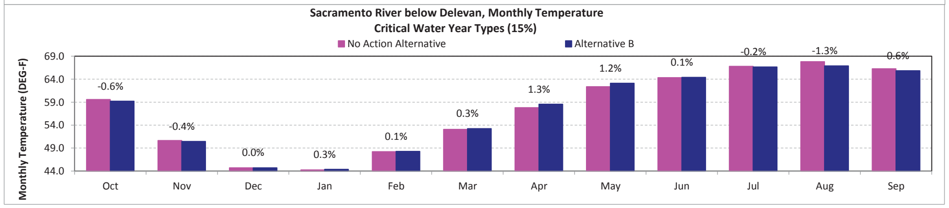
Sacramento River below Delevan, Monthly Temperature
Above Normal Water Year Types (15%)



Sacramento River below Delevan, Monthly Temperature
Below Normal Water Year Types (17%)



Sacramento River below Delevan, Monthly Temperature
Dry Water Year Types (22%)



Sacramento River below Delevan, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-10-5b
Sacramento River below Delevan, Monthly Temperature
Probability of Exceedance

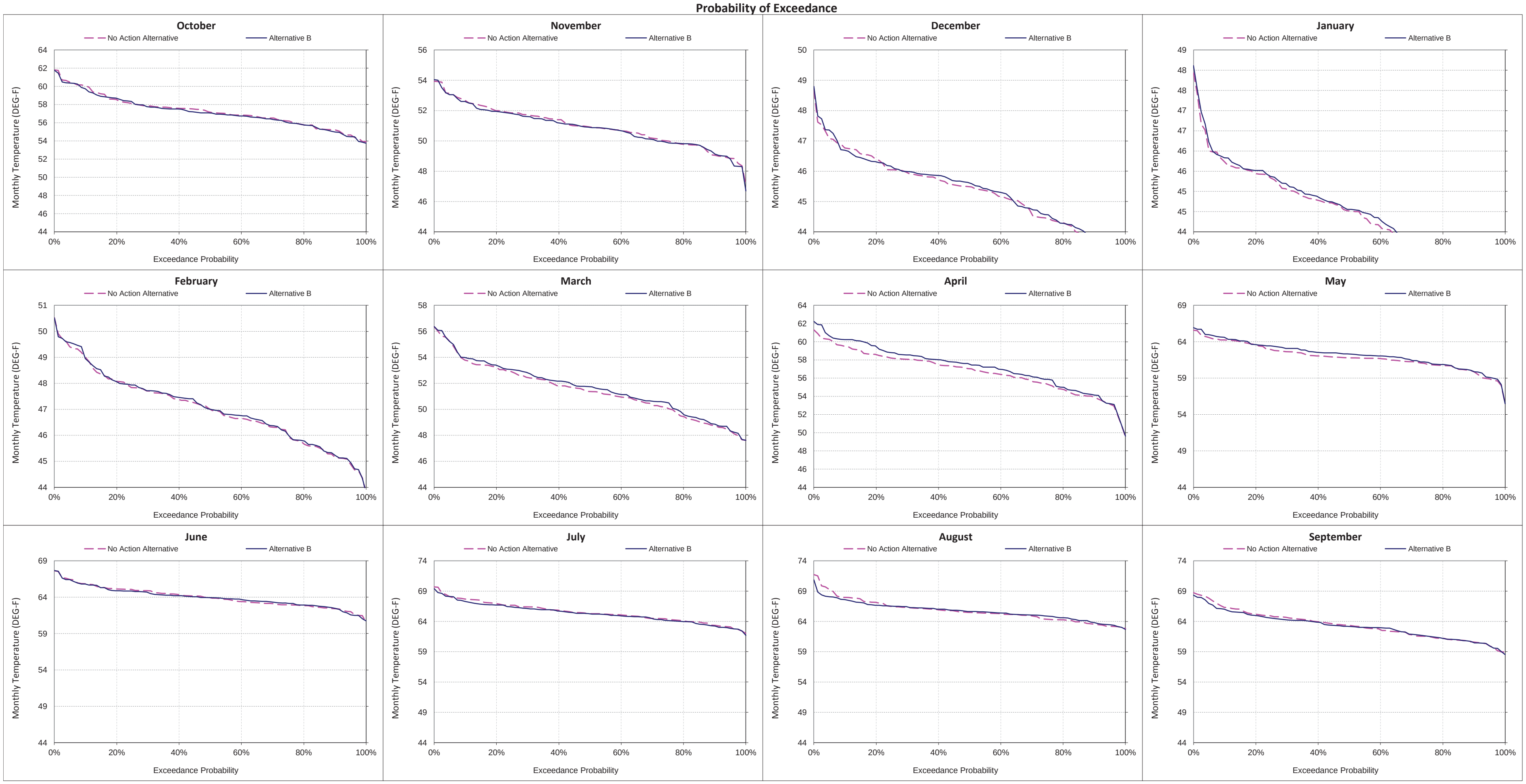


Table SQ-10-5b

Sacramento River below Delevan, Monthly Temperature
Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	61.8	61.8	0.0	-0.1%
1.2%	61.8	61.5	-0.3	-0.5%
2.5%	60.7	60.5	-0.2	-0.4%
3.7%	60.7	60.4	-0.3	-0.4%
4.9%	60.5	60.4	-0.1	-0.2%
6.2%	60.4	60.3	0.0	0.0%
7.4%	60.2	60.3	0.1	0.2%
8.6%	60.2	59.9	-0.3	-0.5%
9.9%	60.1	59.7	-0.3	-0.5%
11.1%	59.9	59.4	-0.5	-0.8%
12.3%	59.4	59.3	-0.1	-0.2%
13.6%	59.3	59.1	-0.3	-0.5%
14.8%	59.2	58.9	-0.3	-0.5%
16.0%	59.1	58.9	-0.3	-0.5%
17.3%	58.6	58.8	0.2	0.3%
18.5%	58.6	58.7	0.1	0.2%
19.8%	58.6	58.7	0.1	0.3%
21.0%	58.4	58.6	0.2	0.4%
22.2%	58.3	58.4	0.2	0.3%
23.5%	58.2	58.4	0.2	0.3%
24.7%	58.1	58.3	0.2	0.4%
25.9%	58.0	58.0	0.0	0.0%
27.2%	58.0	58.0	0.0	0.0%
28.4%	57.9	58.0	0.1	0.1%
29.6%	57.9	57.8	-0.1	-0.2%
30.9%	57.8	57.7	-0.1	-0.2%
32.1%	57.8	57.7	-0.1	-0.1%
33.3%	57.7	57.7	-0.1	-0.1%
34.6%	57.7	57.6	-0.1	-0.2%
35.8%	57.7	57.5	-0.2	-0.3%
37.0%	57.7	57.5	-0.1	-0.2%
38.3%	57.6	57.5	-0.1	-0.1%
39.5%	57.6	57.5	-0.1	-0.1%
40.7%	57.6	57.5	-0.1	-0.1%
42.0%	57.6	57.4	-0.2	-0.3%
43.2%	57.5	57.2	-0.3	-0.6%
44.4%	57.5	57.2	-0.3	-0.6%
45.7%	57.5	57.1	-0.3	-0.6%
46.9%	57.5	57.1	-0.4	-0.6%
48.1%	57.4	57.1	-0.3	-0.5%
49.4%	57.2	57.1	-0.1	-0.2%
50.6%	57.1	57.0	-0.1	-0.1%
51.9%	57.1	57.0	-0.1	-0.2%
53.1%	57.0	56.9	-0.1	-0.2%
54.3%	57.0	56.9	-0.1	-0.2%
55.6%	57.0	56.9	-0.1	-0.2%
56.8%	56.9	56.9	0.0	0.0%
58.0%	56.8	56.8	0.0	-0.1%
59.3%	56.8	56.8	-0.1	-0.1%
60.5%	56.8	56.7	-0.1	-0.2%
61.7%	56.8	56.7	-0.1	-0.2%
63.0%	56.8	56.6	-0.1	-0.3%
64.2%	56.7	56.6	-0.1	-0.2%
65.4%	56.6	56.6	-0.1	-0.1%
66.7%	56.5	56.5	0.0	0.0%
67.9%	56.5	56.4	-0.1	-0.2%
69.1%	56.5	56.4	-0.1	-0.2%
70.4%	56.5	56.3	-0.2	-0.3%
71.6%	56.3	56.3	-0.1	-0.1%
72.8%	56.3	56.3	0.0	0.0%
74.1%	56.2	56.1	-0.1	-0.2%
75.3%	56.2	56.0	-0.2	-0.4%
76.5%	56.0	55.9	-0.1	-0.2%
77.8%	55.9	55.9	0.0	0.0%
79.0%	55.8	55.8	0.0	0.0%
80.2%	55.8	55.7	0.0	0.0%
81.5%	55.7	55.7	0.0	-0.1%
82.7%	55.7	55.7	-0.1	-0.1%
84.0%	55.3	55.5	0.1	0.3%
85.2%	55.3	55.3	0.0	-0.1%
86.4%	55.3	55.3	0.0	0.0%
87.7%	55.2	55.2	-0.1	-0.2%
88.9%	55.2	55.1	-0.2	-0.3%
90.1%	55.2	55.0	-0.2	-0.4%
91.4%	55.1	54.9	-0.1	-0.3%
92.6%	54.8	54.7	-0.1	-0.1%
93.8%	54.7	54.5	-0.2	-0.3%
95.1%	54.6	54.4	-0.2	-0.4%
96.3%	54.4	54.4	0.1	0.1%
97.5%	54.3	53.9	-0.4	-0.7%
98.8%	53.9	53.9	-0.1	-0.1%
100.0%	53.9	53.7	0.0	-0.3%

November				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.9	54.0	0.1	0.2%
1.2%	53.9	54.0	0.1	0.2%
2.5%	53.9	53.5	-0.4	-0.7%
3.7%	53.2	53.2	0.0	0.0%
4.9%	53.1	53.1	-0.1	-0.2%
6.2%	53.0	53.0	0.0	0.0%
7.4%	52.9	52.8	-0.1	-0.2%
8.6%	52.8	52.6	-0.2	-0.3%
9.9%	52.7	52.6	-0.1	-0.2%
11.1%	52.5	52.5	0.0	0.0%
12.3%	52.5	52.4	0.0	0.0%
13.6%	52.4	52.2	-0.3	-0.5%
14.8%	52.4	52.1	-0.3	-0.5%
16.0%	52.3	52.0	-0.2	-0.5%
17.3%	52.2	52.0	-0.2	-0.4%
18.5%	52.1	52.0	-0.1	-0.3%
19.8%	52.0	51.9	0.0	-0.1%
21.0%	52.0	51.9	-0.1	-0.1%
22.2%	51.9	51.9	-0.1	-0.1%
23.5%	51.9	51.8	0.0	-0.1%
24.7%	51.9	51.8	0.0	-0.1%
25.9%	51.8	51.8	-0.1	-0.2%
27.2%	51.8	51.7	-0.1	-0.2%
28.4%	51.7	51.6	-0.1	-0.2%
29.6%	51.7	51.6	-0.1	-0.2%
30.9%	51.7	51.6	-0.1	-0.2%
32.1%	51.6	51.5	-0.2	-0.3%
33.3%	51.6	51.5	-0.2	-0.3%
34.6%	51.5	51.5	-0.1	-0.2%
35.8%	51.5	51.4	-0.2	-0.3%
37.0%	51.5	51.4	-0.1	-0.2%
38.3%	51.4	51.3	-0.1	-0.2%
39.5%	51.4	51.2	-0.2	-0.4%
40.7%	51.4	51.2	-0.2	-0.5%
42.0%	51.2	51.1	-0.1	-0.2%
43.2%	51.1	51.1	0.0	0.1%
44.4%	51.0	51.1	0.1	0.2%
45.7%	51.0	51.0	0.0	0.1%
46.9%	51.0	51.0	0.0	0.0%
48.1%	51.0	50.9	0.0	-0.1%
49.4%	50.9	50.9	0.0	0.0%
50.6%	50.9	50.9	0.0	0.0%
51.9%	50.9	50.9	0.0	0.0%
53.1%	50.9	50.9	0.0	0.0%
54.3%	50.8	50.9	0.0	0.1%
55.6%	50.8	50.8	0.0	0.1%
56.8%	50.8	50.8	0.0	0.0%
58.0%	50.7	50.7	0.0	0.0%
59.3%	50.7	50.7	0.0	-0.1%
60.5%	50.7	50.7	0.0	0.0%
61.7%	50.6	50.6	-0.1	-0.1%
63.0%	50.6	50.5	-0.1	-0.1%
64.2%	50.5	50.3	-0.2	-0.5%
65.4%	50.5	50.2	-0.3	-0.5%
66.7%	50.4	50.2	-0.2	-0.4%
67.9%	50.4	50.1	-0.3	-0.5%
69.1%	50.2	50.1	-0.1	-0.2%
70.4%	50.2	50.1	-0.1	-0.2%
71.6%	50.1	50.0	-0.2	-0.3%
72.8%	50.0	50.0	-0.1	-0.1%
74.1%	50.0	49.9	-0.1	-0.2%
75.3%	50.0	49.9	-0.1	-0.2%
76.5%	49.9	49.9	0.0	-0.1%
77.8%	49.9	49.8	0.0	0.0%
79.0%	49.8	49.8	0.0	0.1%
80.2%	49.8	49.8	0.0	0.1%
81.5%	49.8	49.8	0.1	0.1%
82.7%	49.7	49.8	0.1	0.1%
84.0%	49.7	49.8	0.0	0.1%
85.2%	49.7	49.7	0.0	0.1%
86.4%	49.6	49.6	0.0	0.0%
87.7%	49.3	49.4	0.1	0.3%
88.9%	49.1	49.3	0.2	0.5%
90.1%	49.1	49.1	0.1	0.2%
91.4%	49.0	49.0	0.0	0.1%
92.6%	49.0	49.0	0.0	0.0%
93.8%	48.9	49.0	0.1	0.2%
95.1%	48.8	48.8	0.0	-0.1%
96.3%	48.8	48.3	-0.5	-1.0%
97.5%	48.5	48.3	-0.2	-0.4%
98.8%	48.4	48.3	0.0	-0.1%
100.0%	47.1	46.7	-0.4	-0.9%

December				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	48.7	48.8	0.1	0.3%
1.2%	47.6	47.8	0.2	0.4%
2.5%	47.5	47.7	0.2	0.4%
3.7%	47.3	47.4	0.0	0.1%
4.9%	47.1	47.4	0.3	0.6%
6.2%	47.1	47.2	0.2	0.4%
7.4%	46.9	47.0	0.1	0.2%
8.6%	46.9	46.7	-0.2	-0.4%
9.9%	46.8	46.7	-0.1	-0.2%
11.1%	46.7	46.7	-0.1	-0.2%
12.3%	46.7	46.6	-0.2	-0.4%
13.6%	46.7	46.5	-0.2	-0.5%
14.8%	46.6	46.5	-0.1	-0.3%
16.0%	46.5	46.4	-0.1	-0.3%
17.3%	46.5	46.4	-0.2	-0.4%
18.5%	46.5	46.3	-0.2	-0.4%
19.8%	46.4	46.3	-0.1	-0.2%
21.0%	46.4	46.3	-0.1	-0.1%
22.2%	46.2	46.3	0.0	0.1%
23.5%	46.0	46.2	0.1	0.3%
24.7%	46.0	46.2	0.1	0.3%
25.9%	46.0	46.1	0.0	0.1%
27.2%	46.0	46.1	0.0	0.1%
28.4%	46.0	46.0	0.0	0.0%
29.6%	46.0	46.0	0.0	0.1%
30.9%	45.9	46.0	0.1	0.2%
32.1%	45.9	46.0	0.1	0.1%
33.3%	45.9	45.9	0.1	0.1%
34.6%	45.9	45.9	0.1	0.1%
35.8%	45.8	45.9	0.1	0.2%
37.0%	45.8	45.9	0.1	0.2%
38.3%	45.8	45.9	0.1	0.1%
39.5%	45.8	45.9	0.1	0.3%
40.7%	45.7	45.9	0.2	0.4%
42.0%	45.7	45.8	0.2	0.3%
43.2%	45.6	45.8	0.2	0.4%
44.4%	45.6	45.7	0.1	0.3%
45.7%	45.5	45.7	0.1	0.3%
46.9%	45.5	45.7	0.2	0.4%
48.1%	45.5	45.6	0.1	0.3%
49.4%	45.5	45.6	0.1	0.3%
50.6%	45.5	45.6	0.1	0.2%
51.9%	45.4	45.5	0.1	0.2%
53.1%	45.4	45.5	0.1	0.2%
54.3%	45.4	45.4	0.1	0.1%
55.6%	45.3	45.4	0.1	0.1%
56.8%	45.3	45.4	0.0	0.1%
58.0%	45.3	45.3	0.1	0.1%
59.3%	45.2	45.3	0.1	0.3%
60.5%	45.2	45.3	0.1	0.3%
61.7%	45.1	45.3	0.1	0.3%
63.0%	45.1	45.1	0.1	0.2%
64.2%	45.0	45.0	0.0	-0.1%
65.4%	45.0	44.9	-0.2	-0.4%
66.7%	44.9	44.8	-0.1	-0.2%
67.9%	44.8	44.8	-0.1	-0.1%
69.1%	44.7	44.8	0.0	0.1%
70.4%	44.5	44.7	0.2	0.5%
71.6%	44.5	44.7	0.2	0.5%
72.8%	44.5	44.6	0.1	0.3%
74.1%	44.5	44.6	0.1	0.2%
75.3%	44.4	44.6	0.1	0.3%
76.5%	44.4	44.4	0.1	0.2%
77.8%	44.3	44.4	0.0	0.1%
79.0%	44.3	44.3	0.0	-0.1%
80.2%	44.3	44.3	0.0	0.0%
81.5%	44.2	44.2	0.0	0.0%
82.7%	44.2	44.2	0.1	0.1%
84.0%	44.0	44.1	0.1	0.3%
85.2%	44.0	44.1	0.1	0.3%
86.4%	43.8	44.0	0.2	0.5%
87.7%	43.8	43.9	0.1	0.2%
88.9%	43.7	43.9	0.3	0.6%
90.1%	43.6	43.9	0.3	0.7%
91.4%	43.5	43.8	0.2	0.6%
92.6%	43.5	43.7	0.2	0.5%
93.8%	43.4	43.6	0.2	0.4%
95.1%	43.4	43.5	0.1	0.3%
96.3%	43.4	43.5	0.1	0.2%
97.5%	43.2	43.5	0.3	0.7%
98.8%	43.0	42.6	-0.4	-0.9%
100.0%	41.6	41.7	0.1	0.3%

January				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.9	48.1	0.2	0.4%
1.2%	47.4	47.5	0.1	0.2%
2.5%	46.7	47.0	0.3	0.6%
3.7%	46.5	46.7	0.1	0.3%
4.9%	46.0	46.2	0.2	0.5%
6.2%	46.0	46.0	0.0	0.0%
7.4%	46.0	45.9	-0.1	-0.1%
8.6%	45.8	45.9	0.1	0.1%
9.9%	45.7	45.8	0.1	0.2%
11.1%	45.6	45.8	0.2	0.4%
12.3%	45.6	45.7	0.1	0.2%
13.6%	45.6	45.7	0.1	0.2%
14.8%	45.6	45.6	0.1	0.1%
16.0%	45.6	45.6	0.0	0.0%
17.3%	45.5	45.6	0.0	0.1%
18.5%	45.5	45.5	0.0	0.1%
19.8%	45.4	45.5	0.1	0.2%
21.0%	45.4	45.5	0.1	0.2%
22.2%	45.4	45.5	0.1	0.2%
23.5%	45.4	45.4	0.0	0.0%
24.7%	45.3	45.4	0.0	0.1%
25.9%	45.3	45.4	0.1	0.1%
27.2%	45.2	45.3	0.1	0.2%
28.4%	45.1	45.2	0.1	0.3%
29.6%	45.1	45.2	0.1	0.3%
30.9%	45.0	45.1	0.1	0.2%
32.1%	45.0	45.1	0.1	0.2%
33.3%	45.0	45.0	0.1	0.1%
34.6%	44.9	45.0	0.1	0.3%
35.8%	44.9	44.9	0.1	0.2%
37.0%	44.8	44.9	0.1	0.2%
38.3%	44.8	44.9	0.1	0.2%
39.5%	44.8	44.9	0.1	0.2%
40.7%	44.8	44.8	0.1	0.1%
42.0%	44.7	44.8	0.1	0.1%
43.2%	44.7	44.8	0.0	0.1%
44.4%	44.7	44.7	0.0	0.1%
45.7%	44.7	44.7	0.0	0.1%
46.9%	44.6	44.7	0.0	0.0%
48.1%	44.6	44.6	0.1	0.1%
49.4%	44.5	44.6	0.0	0.1%
50.6%	44.5	44.6	0.0	0.1%
51.9%	44.5	44.5	0.0	0.1%
53.1%	44.5	44.5	0.0	0.1%
54.3%	44.4	44.5	0.1	0.3%
55.6%	44.3	44.5	0.1	0.3%
56.8%	44.2	44.4	0.2	0.5%
58.0%	44.2	44.4	0.2	0.4%
59.3%	44.2	44.3	0.2	0.4%
60.5%	44.1	44.3	0.2	0.4%
61.7%	44.1	44.2	0.1	0.3%
63.0%	44.0	44.1	0.1	0.2%
64.2%	43.9	44.1	0.1	0.3%
65.4%	43.9	44.0	0.0	0.1%
66.7%	43.9	43.9	0.1	0.1%
67.9%	43.9	43.8	0.0	-0.1%
69.1%	43.8	43.8	0.1	0.2%
70.4%	43.7	43.8	0.2	0.4%
71.6%	43.6	43.8	0.2	0.4%
72.8%	43.5	43.7	0.1	0.3%
74.1%	43.5	43.7	0.1	0.3%
75.3%	43.5	43.7	0.2	0.4%
76.5%	43.4	43.6	0.2	0.5%
77.8%	43.4	43.6	0.2	0.6%
79.0%	43.3	43.6	0.3	0.6%
80.2%	43.3	43.5	0.2	0.5%
81.5%	43.2	43.4	0.2	0.5%
82.7%	43.2	43.4	0.2	0.5%
84.0%	43.1	43.4	0.3	0.6%
85.2%	43.1	43.2	0.1	0.3%
86.4%	43.1	43.2	0.1	0.3%
87.7%	43.1	43.2	0.1	0.2%
88.9%	43.0	43.0	0.0	0.1%
90.1%	42.8	42.9	0.1	0.3%
91.4%	42.8	42.8	0.1	0.2%
92.6%	42.7	42.7	0.0	0.0%
93.8%	42.7	42.7	0.0	0.0%
95.1%	42.7	42.7	0.0	0.0%
96.3%	42.4	42.5	0.1	0.3%
97.5%	42.2	42.3	0.2	0.4%
98.8%	41.8	42.0	0.2	0.4%
100.0%	41.5	41.8	0.3	0.8%

Table SQ-10-5b

Sacramento River below Delevan, Monthly Temperature

Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.5	50.5	0.0	0.0%
1.2%	49.9	49.8	-0.1	-0.2%
2.5%	49.7	49.7	0.0	0.0%
3.7%	49.6	49.6	0.0	0.0%
4.9%	49.4	49.6	0.2	0.3%
6.2%	49.3	49.5	0.2	0.4%
7.4%	49.3	49.5	0.1	0.3%
8.6%	49.2	49.4	0.2	0.5%
9.9%	49.0	49.0	-0.1	-0.1%
11.1%	48.8	48.8	0.0	0.0%
12.3%	48.6	48.7	0.1	0.2%
13.6%	48.4	48.6	0.1	0.3%
14.8%	48.4	48.5	0.2	0.3%
16.0%	48.3	48.3	0.0	-0.1%
17.3%	48.2	48.2	0.1	0.2%
18.5%	48.2	48.1	0.0	-0.1%
19.8%	48.1	48.1	0.0	0.0%
21.0%	48.1	48.0	-0.1	-0.1%
22.2%	48.0	48.0	-0.1	-0.1%
23.5%	47.9	48.0	0.0	0.1%
24.7%	47.8	47.9	0.1	0.2%
25.9%	47.8	47.9	0.1	0.2%
27.2%	47.8	47.8	0.0	0.0%
28.4%	47.8	47.8	0.0	0.0%
29.6%	47.7	47.7	0.0	0.0%
30.9%	47.7	47.7	0.0	0.0%
32.1%	47.6	47.7	0.1	0.1%
33.3%	47.6	47.7	0.1	0.1%
34.6%	47.6	47.6	0.0	0.0%
35.8%	47.6	47.6	0.0	0.1%
37.0%	47.5	47.6	0.0	0.1%
38.3%	47.4	47.5	0.1	0.2%
39.5%	47.4	47.5	0.1	0.1%
40.7%	47.3	47.4	0.1	0.2%
42.0%	47.3	47.4	0.1	0.2%
43.2%	47.3	47.4	0.1	0.2%
44.4%	47.3	47.4	0.1	0.3%
45.7%	47.2	47.2	0.0	0.0%
46.9%	47.2	47.2	0.0	0.0%
48.1%	47.2	47.1	-0.1	-0.2%
49.4%	47.0	47.0	0.0	-0.1%
50.6%	47.0	47.0	0.0	0.1%
51.9%	47.0	47.0	0.0	0.0%
53.1%	46.9	46.9	0.0	0.1%
54.3%	46.8	46.8	0.1	0.1%
55.6%	46.7	46.8	0.1	0.2%
56.8%	46.7	46.8	0.1	0.2%
58.0%	46.6	46.8	0.1	0.3%
59.3%	46.6	46.8	0.1	0.3%
60.5%	46.6	46.7	0.1	0.2%
61.7%	46.6	46.7	0.1	0.3%
63.0%	46.6	46.7	0.1	0.2%
64.2%	46.6	46.6	0.1	0.1%
65.4%	46.5	46.6	0.1	0.2%
66.7%	46.5	46.6	0.1	0.2%
67.9%	46.4	46.4	0.0	0.0%
69.1%	46.3	46.4	0.0	0.1%
70.4%	46.3	46.4	0.1	0.1%
71.6%	46.3	46.3	0.0	0.1%
72.8%	46.2	46.2	0.0	0.0%
74.1%	46.2	46.2	-0.1	-0.1%
75.3%	45.9	46.0	0.0	0.1%
76.5%	45.8	45.8	0.0	0.0%
77.8%	45.8	45.8	0.0	0.1%
79.0%	45.8	45.8	0.0	0.1%
80.2%	45.7	45.8	0.1	0.3%
81.5%	45.6	45.7	0.1	0.1%
82.7%	45.6	45.6	0.1	0.1%
84.0%	45.6	45.6	0.0	0.1%
85.2%	45.5	45.6	0.1	0.1%
86.4%	45.4	45.4	0.0	-0.1%
87.7%	45.3	45.3	0.1	0.1%
88.9%	45.3	45.3	0.0	0.1%
90.1%	45.1	45.2	0.1	0.2%
91.4%	45.1	45.1	0.0	0.0%
92.6%	45.1	45.1	0.0	0.0%
93.8%	45.1	45.1	0.0	0.1%
95.1%	44.9	44.9	0.1	0.2%
96.3%	44.7	44.7	0.0	0.1%
97.5%	44.6	44.7	0.0	0.1%
98.8%	44.4	44.3	0.0	-0.1%
100.0%	43.8	43.8	0.0	0.0%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.4	56.4	0.0	0.0%
1.2%	56.0	56.1	0.1	0.1%
2.5%	55.6	56.1	0.4	0.8%
3.7%	55.6	55.5	0.0	0.0%
4.9%	55.2	55.2	0.0	0.0%
6.2%	54.9	55.0	0.1	0.2%
7.4%	54.4	54.4	0.0	0.0%
8.6%	54.0	54.0	0.0	0.1%
9.9%	53.8	54.0	0.2	0.4%
11.1%	53.7	53.9	0.2	0.4%
12.3%	53.5	53.9	0.4	0.7%
13.6%	53.4	53.8	0.3	0.6%
14.8%	53.4	53.7	0.3	0.6%
16.0%	53.4	53.7	0.3	0.6%
17.3%	53.4	53.5	0.1	0.3%
18.5%	53.3	53.4	0.1	0.2%
19.8%	53.3	53.4	0.1	0.3%
21.0%	53.1	53.3	0.2	0.4%
22.2%	53.1	53.1	0.1	0.2%
23.5%	52.9	53.1	0.2	0.3%
24.7%	52.9	53.1	0.2	0.3%
25.9%	52.8	53.0	0.3	0.5%
27.2%	52.6	53.0	0.4	0.7%
28.4%	52.6	52.9	0.3	0.6%
29.6%	52.5	52.8	0.4	0.7%
30.9%	52.4	52.7	0.3	0.6%
32.1%	52.4	52.5	0.2	0.3%
33.3%	52.3	52.4	0.1	0.2%
34.6%	52.3	52.4	0.1	0.3%
35.8%	52.3	52.3	0.0	0.1%
37.0%	52.1	52.2	0.2	0.3%
38.3%	52.0	52.2	0.3	0.5%
39.5%	51.8	52.2	0.4	0.7%
40.7%	51.8	52.2	0.4	0.7%
42.0%	51.8	52.1	0.3	0.7%
43.2%	51.7	52.1	0.3	0.7%
44.4%	51.7	51.9	0.2	0.4%
45.7%	51.6	51.8	0.2	0.3%
46.9%	51.6	51.8	0.2	0.3%
48.1%	51.5	51.8	0.3	0.6%
49.4%	51.4	51.8	0.4	0.7%
50.6%	51.4	51.7	0.4	0.7%
51.9%	51.4	51.6	0.3	0.5%
53.1%	51.3	51.6	0.3	0.5%
54.3%	51.2	51.5	0.3	0.7%
55.6%	51.1	51.5	0.4	0.7%
56.8%	51.1	51.3	0.2	0.4%
58.0%	51.0	51.2	0.2	0.4%
59.3%	51.0	51.2	0.2	0.4%
60.5%	50.9	51.1	0.2	0.4%
61.7%	50.9	51.1	0.2	0.4%
63.0%	50.9	50.9	0.1	0.1%
64.2%	50.7	50.9	0.1	0.2%
65.4%	50.7	50.8	0.1	0.3%
66.7%	50.6	50.7	0.1	0.3%
67.9%	50.5	50.6	0.2	0.3%
69.1%	50.5	50.6	0.2	0.4%
70.4%	50.3	50.6	0.3	0.7%
71.6%	50.3	50.6	0.3	0.6%
72.8%	50.2	50.6	0.4	0.8%
74.1%	50.2	50.5	0.4	0.7%
75.3%	50.0	50.5	0.4	0.9%
76.5%	50.0	50.1	0.1	0.2%
77.8%	49.7	50.0	0.3	0.5%
79.0%	49.5	49.8	0.3	0.7%
80.2%	49.4	49.6	0.1	0.3%
81.5%	49.2	49.5	0.2	0.4%
82.7%	49.2	49.4	0.2	0.4%
84.0%	49.1	49.4	0.2	0.5%
85.2%	49.0	49.3	0.2	0.4%
86.4%	48.9	49.2	0.3	0.6%
87.7%	48.9	49.1	0.2	0.4%
88.9%	48.8	48.9	0.1	0.2%
90.1%	48.7	48.9	0.1	0.2%
91.4%	48.6	48.7	0.1	0.2%
92.6%	48.6	48.7	0.1	0.2%
93.8%	48.5	48.7	0.2	0.5%
95.1%	48.3	48.3	0.0	0.0%
96.3%	48.1	48.2	0.1	0.3%
97.5%	48.0	48.2	0.2	0.4%
98.8%	47.7	47.7	0.0	0.0%
100.0%	47.6	47.6	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	61.3	62.2	0.9	1.5%
1.2%	60.9	61.9	1.0	1.6%
2.5%	60.4	61.9	1.5	2.4%
3.7%	60.3	61.0	0.7	1.2%
4.9%	60.3	60.7	0.4	0.7%
6.2%	60.0	60.4	0.4	0.6%
7.4%	59.7	60.3	0.7	1.1%
8.6%	59.6	60.3	0.6	1.1%
9.9%	59.5	60.2	0.7	1.2%
11.1%	59.4	60.2	0.8	1.3%
12.3%	59.2	60.2	1.0	1.7%
13.6%	59.1	60.1	1.0	1.7%
14.8%	59.1	60.1	1.0	1.7%
16.0%	58.7	60.0	1.3	2.1%
17.3%	58.7	59.9	1.2	2.0%
18.5%	58.6	59.6	1.0	1.6%
19.8%	58.6	59.6	0.9	1.6%
21.0%	58.5	59.2	0.7	1.2%
22.2%	58.4	59.0	0.6	1.1%
23.5%	58.3	58.9	0.6	0.9%
24.7%	58.2	58.8	0.6	1.0%
25.9%	58.2	58.8	0.6	1.1%
27.2%	58.1	58.6	0.4	0.8%
28.4%	58.1	58.6	0.5	0.8%
29.6%	58.1	58.6	0.5	0.8%
30.9%	58.1	58.5	0.5	0.8%
32.1%	58.1	58.5	0.4	0.7%
33.3%	58.0	58.4	0.5	0.8%
34.6%	57.9	58.4	0.4	0.7%
35.8%	57.9	58.1	0.3	0.5%
37.0%	57.9	58.1	0.2	0.4%
38.3%	57.7	58.1	0.4	0.6%
39.5%	57.5	58.0	0.5	0.9%
40.7%	57.4	58.0	0.6	1.0%
42.0%	57.4	57.9	0.5	0.9%
43.2%	57.4	57.8	0.4	0.8%
44.4%	57.3	57.8	0.4	0.8%
45.7%	57.2	57.7	0.5	0.9%
46.9%	57.2	57.7	0.4	0.8%
48.1%	57.2	57.6	0.4	0.8%
49.4%	57.0	57.6	0.6	1.0%
50.6%	57.0	57.5	0.4	0.8%
51.9%	56.8	57.4	0.6	1.1%
53.1%	56.8	57.4	0.6	1.1%
54.3%	56.7	57.2	0.5	0.9%
55.6%	56.6	57.2	0.6	1.1%
56.8%	56.5	57.2	0.7	1.2%
58.0%	56.5	57.2	0.7	1.2%
59.3%	56.4	57.0	0.5	0.9%
60.5%	56.4	56.9	0.6	1.0%
61.7%	56.3	56.9	0.6	1.0%
63.0%	56.3	56.7	0.4	0.8%
64.2%	56.1	56.5	0.4	0.7%
65.4%	56.0	56.5	0.4	0.8%
66.7%	56.0	56.4	0.4	0.7%
67.9%	55.9	56.3	0.4	0.7%
69.1%	55.8	56.3	0.4	0.8%
70.4%	55.6	56.1	0.5	0.9%
71.6%	55.6	56.1	0.5	1.0%
72.8%	55.5	56.0	0.5	0.9%
74.1%	55.4	55.9	0.4	0.8%
75.3%	55.3	55.9	0.6	1.1%
76.5%	55.1	55.8	0.7	1.2%
77.8%	54.8	55.1	0.3	0.5%
79.0%	54.8	55.0	0.2	0.3%
80.2%	54.7	55.0	0.2	0.5%
81.5%	54.5	54.7	0.2	0.4%
82.7%	54.3	54.7	0.3	0.6%
84.0%	54.2	54.6	0.5	0.9%
85.2%	54.1	54.5	0.4	0.7%
86.4%	54.1	54.3	0.2	0.4%
87.7%	54.0	54.3	0.3	0.5%
88.9%	54.0	54.2	0.2	0.4%
90.1%	53.9	54.1	0.2	0.4%
91.4%	53.7	54.1	0.4	0.8%
92.6%	53.5	53.5	0.0	0.0%
93.8%	53.3	53.2	0.0	-0.1%
95.1%	53.1	53.2	0.0	0.1%
96.3%	52.9	53.1	0.1	0.3%
97.5%	51.9	52.0	0.1	0.2%
98.8%	50.8	50.8	0.0	0.1%
100.0%	49.5	49.6	0.1	0.2%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.6	65.9	0.3	0.5%
1.2%	65.5	65.7	0.2	0.3%
2.5%	64.9	65.7	0.8	1.2%
3.7%	64.7	65.0	0.3	0.4%
4.9%	64.6	65.0	0.4	0.6%
6.2%	64.4	64.9	0.4	0.7%
7.4%	64.4	64.7	0.3	0.5%
8.6%	64.2	64.6	0.4	0.6%
9.9%	64.2	64.6	0.4	0.6%
11.1%	64.2	64.3	0.1	0.2%
12.3%	64.2	64.3	0.2	0.2%
13.6%	64.1	64.3	0.2	0.3%
14.8%	64.0	64.1	0.1	0.1%
16.0%	63.9	64.1	0.2	0.4%
17.3%	63.8	64.0	0.2	0.3%
18.5%	63.7	63.6	-0.1	-0.1%
19.8%	63.6	63.6	0.0	-0.1%
21.0%	63.4	63.5	0.1	0.2%
22.2%	63.4	63.5	0.1	0.2%
23.5%	63.0	63.4	0.5	0.8%
24.7%	62.9	63.4	0.5	0.8%
25.9%	62.8	63.4	0.6	0.9%
27.2%	62.8	63.3	0.5	0.9%
28.4%	62.7	63.2	0.5	0.8%
29.6%	62.6	63.1	0.5	0.7%
30.9%	62.6	63.1	0.5	0.7%
32.1%	62.6	63.1	0.5	0.8%
33.3%	62.5	63.1	0.6	0.9%
34.6%	62.5	62.9	0.4	0.6%
35.8%	62.3	62.9	0.6	0.9%
37.0%	62.1	62.6	0.5	0.8%
38.3%	62.1	62.6	0.5	0.8%
39.5%	62.1	62.5	0.5	0.8%
40.7%	62.0	62.5	0.5	0.7%
42.0%	62.0	62.5	0.5	0.8%
43.2%	62.0	62.5	0.5	0.9%
44.4%	61.9	62.5	0.6	0.9%
45.7%	61.9	62.5	0.6	0.9%
46.9%	61.9	62.4	0.5	0.9%
48.1%	61.8	62.3	0.5	0.8%
49.4%	61.8	62.3	0.5	0.9%
50.6%	61.8	62.3	0.5	0.8%
51.9%	61.8	62.3	0.5	0.8%
53.1%	61.8	62.2	0.4	0.7%
54.3%	61.7	62.1	0.4	0.6%
55.6%	61.7	62.1	0.4	0.7%
56.8%	61.7	62.1	0.4	0.6%
58.0%	61.7	62.1	0.4	0.6%
59.3%	61.7	62.1	0.3	0.6%
60.5%	61.7	62.0	0.4	0.6%
61.7%	61.6	62.0	0.4	0.6%
63.0%	61.5	61.9	0.5	0.8%
64.2%	61.5	61.9	0.5	0.8%
65.4%	61.4	61.9	0.5	0.7%
66.7%	61.4	61.8	0.5	0.8%
67.9%	61.3	61.7	0.4	0.6%
69.1%	61.3	61.6	0.3	0.5%
70.4%	61.3	61.4	0.2	0.2%
71.6%	61.2	61.4	0.2	0.3%
72.8%	61.1	61.2	0.2	0.3%
74.1%	61.0	61.2	0.2	0.3%
75.3%	60.9	61.2	0.3	0.5%
76.5%	60.8	60.9	0.1	0.2%
77.8%	60.8	60.9	0.1	0.2%
79.0%	60.8	60.9	0.1	0.2%
80.2%	60.7	60.9	0.1	0.2%
81.5%	60.7	60.8	0.1	0.1%
82.7%	60.7	60.7	0.0	0.1%
84.0%	60.4	60.4	0.1	0.1%
85.2%	60.2	60.3	0.0	0.1%
86.4%	60.2	60.2	0.1	0.1%
87.7%	60.1	60.2	0.1	0.1%
88.9%	60.1	60.1	0.0	0.1%
90.1%	59.8	59.9	0.0	0.1%
91.4%	59.5	59.8	0.4	0.6%
92.6%	59.0	59.7	0.7	1.1%
93.8%	59.0	59.2	0.2	0.3%
95.1%	58.9	59.1	0.2	0.3%
96.3%	58.7	59.0	0.3	0.5%
97.5%	58.6	58.8	0.2	0.4%
98.8%	58.0	58.1	0.1	0.2%
100.0%	55.5	55.5	0.0	0.0%

Table SQ-10-5b

Sacramento River below Delevan, Monthly Temperature

Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.6	67.7	0.0	0.1%
1.2%	67.6	67.5	0.0	0.0%
2.5%	66.7	66.6	-0.1	-0.1%
3.7%	66.6	66.4	-0.2	-0.3%
4.9%	66.4	66.4	0.0	-0.1%
6.2%	66.4	66.2	-0.2	-0.3%
7.4%	66.0	66.0	0.0	0.0%
8.6%	65.9	65.8	-0.1	-0.1%
9.9%	65.9	65.8	0.0	-0.1%
11.1%	65.8	65.7	-0.1	-0.1%
12.3%	65.7	65.7	-0.1	-0.1%
13.6%	65.5	65.6	0.1	0.2%
14.8%	65.4	65.3	-0.1	-0.1%
16.0%	65.3	65.3	0.0	0.0%
17.3%	65.2	65.0	-0.2	-0.3%
18.5%	65.2	64.9	-0.3	-0.4%
19.8%	65.1	64.9	-0.2	-0.4%
21.0%	65.1	64.9	-0.2	-0.3%
22.2%	65.1	64.9	-0.3	-0.4%
23.5%	65.1	64.8	-0.2	-0.4%
24.7%	65.1	64.8	-0.2	-0.4%
25.9%	64.9	64.8	-0.1	-0.2%
27.2%	64.9	64.8	-0.2	-0.2%
28.4%	64.9	64.7	-0.2	-0.3%
29.6%	64.9	64.7	-0.2	-0.3%
30.9%	64.9	64.5	-0.4	-0.6%
32.1%	64.6	64.4	-0.2	-0.4%
33.3%	64.6	64.3	-0.2	-0.4%
34.6%	64.5	64.3	-0.2	-0.3%
35.8%	64.5	64.3	-0.2	-0.4%
37.0%	64.4	64.3	-0.2	-0.3%
38.3%	64.4	64.2	-0.2	-0.3%
39.5%	64.4	64.2	-0.2	-0.3%
40.7%	64.3	64.2	-0.1	-0.1%
42.0%	64.2	64.1	-0.1	-0.1%
43.2%	64.2	64.1	-0.1	-0.2%
44.4%	64.2	64.0	-0.1	-0.2%
45.7%	64.2	64.0	-0.1	-0.2%
46.9%	64.1	64.0	-0.2	-0.3%
48.1%	64.0	64.0	0.0	0.0%
49.4%	64.0	63.9	0.0	0.0%
50.6%	63.9	63.9	0.0	0.1%
51.9%	63.9	63.9	0.0	0.1%
53.1%	63.8	63.9	0.1	0.1%
54.3%	63.7	63.8	0.1	0.1%
55.6%	63.7	63.8	0.1	0.1%
56.8%	63.6	63.8	0.2	0.3%
58.0%	63.5	63.8	0.3	0.4%
59.3%	63.4	63.7	0.3	0.5%
60.5%	63.4	63.6	0.2	0.4%
61.7%	63.3	63.6	0.2	0.4%
63.0%	63.3	63.5	0.2	0.3%
64.2%	63.3	63.5	0.2	0.4%
65.4%	63.2	63.5	0.2	0.4%
66.7%	63.2	63.4	0.3	0.4%
67.9%	63.1	63.4	0.3	0.4%
69.1%	63.1	63.4	0.2	0.4%
70.4%	63.1	63.3	0.1	0.2%
71.6%	63.0	63.2	0.2	0.4%
72.8%	63.0	63.2	0.3	0.4%
74.1%	63.0	63.2	0.3	0.4%
75.3%	62.9	63.1	0.2	0.3%
76.5%	62.9	63.1	0.2	0.3%
77.8%	62.9	63.0	0.0	0.1%
79.0%	62.9	62.9	0.1	0.1%
80.2%	62.8	62.9	0.1	0.1%
81.5%	62.8	62.9	0.0	0.1%
82.7%	62.7	62.9	0.2	0.3%
84.0%	62.6	62.8	0.2	0.3%
85.2%	62.6	62.7	0.1	0.2%
86.4%	62.5	62.7	0.2	0.3%
87.7%	62.5	62.6	0.1	0.2%
88.9%	62.4	62.6	0.1	0.2%
90.1%	62.4	62.5	0.0	0.1%
91.4%	62.4	62.3	-0.1	-0.1%
92.6%	62.2	62.0	-0.2	-0.2%
93.8%	62.0	61.9	-0.2	-0.3%
95.1%	62.0	61.6	-0.4	-0.7%
96.3%	61.6	61.5	-0.1	-0.2%
97.5%	61.5	61.5	0.0	0.0%
98.8%	61.5	61.0	-0.4	-0.7%
100.0%	60.6	60.7	0.2	0.3%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	69.7	69.4	-0.3	-0.4%
1.2%	69.6	68.7	-0.9	-1.3%
2.5%	68.7	68.6	-0.1	-0.1%
3.7%	68.5	68.2	-0.3	-0.4%
4.9%	68.1	68.1	0.0	0.1%
6.2%	67.9	68.1	0.2	0.3%
7.4%	67.9	67.5	-0.3	-0.5%
8.6%	67.8	67.5	-0.3	-0.5%
9.9%	67.7	67.3	-0.4	-0.6%
11.1%	67.6	67.2	-0.5	-0.7%
12.3%	67.6	67.1	-0.5	-0.8%
13.6%	67.6	66.9	-0.6	-0.9%
14.8%	67.5	66.9	-0.6	-0.9%
16.0%	67.1	66.8	-0.4	-0.5%
17.3%	67.1	66.8	-0.3	-0.5%
18.5%	67.0	66.8	-0.3	-0.4%
19.8%	67.0	66.7	-0.2	-0.4%
21.0%	66.8	66.7	-0.1	-0.2%
22.2%	66.7	66.7	0.0	0.0%
23.5%	66.7	66.4	-0.3	-0.4%
24.7%	66.7	66.4	-0.3	-0.4%
25.9%	66.7	66.3	-0.3	-0.5%
27.2%	66.4	66.3	-0.2	-0.2%
28.4%	66.4	66.2	-0.2	-0.3%
29.6%	66.4	66.2	-0.2	-0.4%
30.9%	66.4	66.1	-0.3	-0.5%
32.1%	66.4	66.1	-0.3	-0.5%
33.3%	66.3	66.0	-0.4	-0.6%
34.6%	66.2	66.0	-0.2	-0.3%
35.8%	66.0	65.9	-0.1	-0.1%
37.0%	65.9	65.9	0.0	0.1%
38.3%	65.9	65.9	0.0	0.0%
39.5%	65.9	65.7	-0.2	-0.2%
40.7%	65.8	65.7	-0.1	-0.2%
42.0%	65.7	65.6	-0.1	-0.2%
43.2%	65.6	65.5	-0.1	-0.2%
44.4%	65.5	65.4	0.0	-0.1%
45.7%	65.5	65.3	-0.1	-0.2%
46.9%	65.4	65.3	-0.1	-0.1%
48.1%	65.4	65.3	-0.1	-0.1%
49.4%	65.3	65.3	0.0	0.0%
50.6%	65.3	65.2	0.0	-0.1%
51.9%	65.3	65.2	-0.1	-0.1%
53.1%	65.3	65.2	-0.1	-0.1%
54.3%	65.2	65.2	0.0	-0.1%
55.6%	65.2	65.1	-0.1	-0.1%
56.8%	65.1	65.0	-0.1	-0.2%
58.0%	65.1	65.0	-0.1	-0.2%
59.3%	65.1	65.0	-0.1	-0.2%
60.5%	65.0	64.9	-0.1	-0.2%
61.7%	65.0	64.8	-0.2	-0.2%
63.0%	64.9	64.8	-0.1	-0.1%
64.2%	64.9	64.8	-0.1	-0.1%
65.4%	64.8	64.8	-0.1	-0.1%
66.7%	64.7	64.7	0.0	0.1%
67.9%	64.6	64.7	0.1	0.2%
69.1%	64.5	64.6	0.1	0.2%
70.4%	64.5	64.4	-0.1	-0.2%
71.6%	64.5	64.3	-0.2	-0.3%
72.8%	64.4	64.3	-0.1	-0.2%
74.1%	64.4	64.2	-0.3	-0.4%
75.3%	64.3	64.2	-0.1	-0.2%
76.5%	64.3	64.1	-0.2	-0.3%
77.8%	64.2	64.1	-0.2	-0.2%
79.0%	64.2	64.0	-0.2	-0.3%
80.2%	64.1	64.0	-0.1	-0.2%
81.5%	63.9	63.9	0.0	0.0%
82.7%	63.9	63.9	0.0	-0.1%
84.0%	63.9	63.7	-0.2	-0.4%
85.2%	63.9	63.5	-0.3	-0.5%
86.4%	63.7	63.5	-0.2	-0.4%
87.7%	63.7	63.4	-0.3	-0.5%
88.9%	63.4	63.3	-0.1	-0.2%
90.1%	63.3	63.2	-0.1	-0.2%
91.4%	63.3	63.0	-0.2	-0.4%
92.6%	63.2	63.0	-0.2	-0.3%
93.8%	63.1	63.0	-0.2	-0.3%
95.1%	63.1	62.9	-0.2	-0.4%
96.3%	62.7	62.8	0.1	0.1%
97.5%	62.7	62.7	0.1	0.1%
98.8%	62.4	62.4	0.0	0.0%
100.0%	62.0	61.7	-0.3	-0.6%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	71.7	70.8	-0.9	-1.2%
1.2%	71.5	68.8	-2.7	-3.7%
2.5%	69.9	68.4	-1.5	-2.2%
3.7%	69.7	68.2	-1.5	-2.2%
4.9%	69.3	68.1	-1.2	-1.8%
6.2%	68.9	68.0	-0.9	-1.3%
7.4%	68.2	67.9	-0.3	-0.4%
8.6%	68.0	67.6	-0.3	-0.5%
9.9%	68.0	67.6	-0.4	-0.6%
11.1%	68.0	67.5	-0.5	-0.7%
12.3%	67.9	67.3	-0.5	-0.8%
13.6%	67.8	67.2	-0.7	-1.0%
14.8%	67.7	67.1	-0.6	-0.9%
16.0%	67.3	67.0	-0.2	-0.4%
17.3%	67.3	66.8	-0.4	-0.7%
18.5%	67.2	66.7	-0.4	-0.6%
19.8%	67.1	66.7	-0.5	-0.7%
21.0%	67.0	66.7	-0.4	-0.5%
22.2%	67.0	66.6	-0.4	-0.6%
23.5%	66.6	66.6	0.0	0.0%
24.7%	66.5	66.6	0.1	0.1%
25.9%	66.4	66.5	0.1	0.1%
27.2%	66.4	66.5	0.1	0.1%
28.4%	66.3	66.4	0.1	0.2%
29.6%	66.3	66.4	0.1	0.1%
30.9%	66.3	66.3	0.0	0.0%
32.1%	66.2	66.3	0.1	0.1%
33.3%	66.2	66.2	0.0	0.1%
34.6%	66.1	66.2	0.1	0.1%
35.8%	66.1	66.2	0.1	0.1%
37.0%	66.1	66.1	0.1	0.1%
38.3%	66.0	66.1	0.1	0.2%
39.5%	65.9	66.0	0.1	0.1%
40.7%	65.9	66.0	0.1	0.2%
42.0%	65.8	66.0	0.2	0.3%
43.2%	65.8	65.9	0.1	0.2%
44.4%	65.8	65.9	0.1	0.1%
45.7%	65.7	65.9	0.2	0.3%
46.9%	65.6	65.8	0.3	0.4%
48.1%	65.5	65.7	0.2	0.2%
49.4%	65.5	65.7	0.2	0.2%
50.6%	65.5	65.6	0.2	0.3%
51.9%	65.4	65.6	0.2	0.3%
53.1%	65.4	65.6	0.2	0.3%
54.3%	65.4	65.6	0.2	0.3%
55.6%	65.4	65.6	0.2	0.3%
56.8%	65.3	65.5	0.2	0.3%
58.0%	65.3	65.4	0.1	0.2%
59.3%	65.3	65.4	0.1	0.2%
60.5%	65.2	65.4	0.2	0.3%
61.7%	65.2	65.4	0.2	0.3%
63.0%	65.2	65.2	0.1	0.1%
64.2%	65.1	65.2	0.0	0.1%
65.4%	65.1	65.1	0.0	0.0%
66.7%	65.0	65.1	0.1	0.2%
67.9%	65.0	65.1	0.1	0.1%
69.1%	65.0	65.1	0.1	0.1%
70.4%	64.9	65.0	0.2	0.3%
71.6%	64.8	65.0	0.2	0.4%
72.8%	64.4	65.0	0.6	0.9%
74.1%	64.4	64.9	0.5	0.8%
75.3%	64.3	64.8	0.5	0.8%
76.5%	64.3	64.8	0.5	0.8%
77.8%	64.3	64.7	0.4	0.6%
79.0%	64.3	64.6	0.3	0.5%
80.2%	64.3	64.6	0.3	0.5%
81.5%	64.2	64.6	0.4	0.6%
82.7%	64.2	64.4	0.3	0.4%
84.0%	63.9	64.3	0.4	0.6%
85.2%	63.9	64.1	0.2	0.3%
86.4%	63.9	64.1	0.3	0.4%
87.7%	63.7	64.1	0.5	0.7%
88.9%	63.6	63.9	0.3	0.4%
90.1%	63.5	63.8	0.2	0.4%
91.4%	63.5	63.6	0.1	0.2%
92.6%	63.4	63.5	0.1	0.2%
93.8%	63.2	63.5	0.3	0.4%
95.1%	63.2	63.4	0.2	0.4%
96.3%	63.2	63.4	0.2	0.3%
97.5%	63.1	63.2	0.0	0.1%
98.8%	63.0	63.0	0.0	0.0%
100.0%	62.8	62.7	-0.1	-0.2%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	68.7	68.3	-0.4	-0.6%
1.2%	68.5	68.0	-0.5	-0.7%
2.5%	68.3	68.0	-0.3	-0.5%
3.7%	68.2	67.6	-0.6	-0.9%
4.9%	67.8	67.0	-0.9	-1.3%
6.2%	67.4	66.7	-0.7	-1.0%
7.4%	67.0	66.2	-0.8	-1.3%
8.6%	66.6	66.1	-0.5	-0.8%
9.9%	66.3	66.0	-0.3	-0.4%
11.1%	66.3	65.8	-0.5	-0.8%
12.3%	66.1	65.6	-0.6	-0.8%
13.6%	66.0	65.5	-0.5	-0.8%
14.8%	66.0	65.5	-0.5	-0.8%
16.0%	65.7	65.5	-0.2	-0.3%
17.3%	65.4	65.2	-0.2	-0.3%
18.5%	65.3	65.0	-0.2	-0.4%
19.8%	65.2	65.0	-0.2	-0.3%
21.0%	65.1	64.9	-0.2	-0.3%
22.2%	65.0	64.8	-0.2	-0.4%
23.5%	65.0	64.7	-0.3	-0.5%
24.7%	64.9	64.6	-0.4	-0.5%
25.9%	64.8	64.5	-0.3	-0.4%
27.2%	64.8	64.4	-0.3	-0.5%
28.4%	64.8	64.3	-0.4	-0.7%
29.6%	64.7	64.3	-0.4	-0.7%
30.9%	64.6	64.2	-0.3	-0.5%
32.1%	64.5	64.2	-0.3	-0.5%
33.3%	64.4	64.2	-0.2	-0.4%
34.6%	64.4	64.2	-0.2	-0.3%
35.8%	64.3	64.2	-0.1	-0.2%
37.0%	64.2	64.1	-0.2	-0.3%
38.3%	64.0	63.9	-0.1	-0.1%
39.5%	64.0	63.9	-0.1	-0.2%
40.7%	63.9	63.8	-0.1	-0.2%
42.0%	63.8	63.5	-0.3	-0.5%
43.2%	63.7	63.4	-0.3	-0.5%
44.4%	63.6	63.4	-0.3	-0.4%
45.7%	63.5	63.3	-0.2	-0.2%
46.9%	63.5	63.3	-0.2	-0.3%
48.1%	63.4	63.2	-0.2	-0.3%
49.4%	63.4	63.2	-0.2	-0.3%
50.6%	63.3	63.2	-0.1	-0.2%
51.9%	63.2	63.1	-0.1	-0.1%
53.1%	63.2	63.0	-0.1	-0.2%
54.3%	63.0	63.0	0.0	0.0%
55.6%	62.9	63.0	0.1	0.2%
56.8%	62.8	63.0	0.1	0.2%
58.0%	62.8	63.0	0.2	0.3%
59.3%	62.8	63.0	0.2	0.3%
60.5%	62.5	62.9	0.4	0.7%
61.7%	62.5	62.9	0.4	0.7%
63.0%	62.4	62.9	0.5	0.9%
64.2%	62.3	62.7	0.3	0.5%
65.4%	62.3	62.5	0.2	0.3%
66.7%	62.3	62.3	0.0	0.1%
67.9%	62.2	62.2	0.0	0.0%
69.1%	61.9	61.9	0.0	0.1%
70.4%	61.8	61.9	0.1	0.1%
71.6%	61.6	61.8	0.2	0.4%
72.8%	61.6	61.7	0.1	0.2%
74.1%	61.6	61.7	0.1	0.2%
75.3%	61.5	61.5	0.0	0.0%
76.5%	61.4	61.5	0.1	0.1%
77.8%	61.2	61.4	0.1	0.2%
79.0%	61.2	61.3	0.1	0.2%
80.2%	61.2	61.2	0.0	0.0%
81.5%	61.0	61.1	0.0	0.0%
82.7%	61.0	61.1	0.1	0.1%
84.0%	61.0	61.0	0.1	0.1%
85.2%	60.9	61.0	0.1	0.1%
86.4%	60.9	60.8	-0.1	-0.1%
87.7%	60.8	60.8	0.0	0.0%
88.9%	60.7	60.7	0.1	0.1%
90.1%	60.6	60.5	-0.1	-0.2%
91.4%	60.5	60.5	0.0	-0.1%
92.6%	60.4	60.4	0.0	-0.1%
93.8%	60.3	60.4	0.0	0.0%
95.1%	60.0	59.9	0.0	0.0%
96.3%	59.7	59.6	-0.1	-0.1%
97.5%	59.2	59.6	0.4	0.7%
98.8%	59.0	59.0	0.1	0.1%
100.0%	59.0	58.5	-0.4	-0.7%

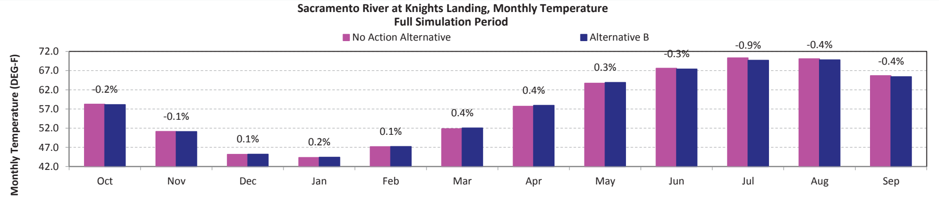
Table SQ-11-5a
Sacramento River at Knights Landing, Monthly Temperature
Long-term Average and Average by Water Year Type

Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	58.3	51.1	45.2	44.4	47.2	51.9	57.7	63.7	67.6	70.3	70.1	65.7
Alternative B	58.1	51.1	45.2	44.4	47.2	52.0	57.9	63.9	67.4	69.7	69.8	65.4
Difference	-0.1	0.0	0.0	0.1	0.0	0.2	0.2	0.2	-0.2	-0.6	-0.3	-0.3
Percent Difference[3]	-0.2%	-0.1%	0.1%	0.2%	0.1%	0.4%	0.4%	0.3%	-0.3%	-0.9%	-0.4%	-0.4%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	57.6	51.3	45.2	44.7	46.8	50.6	55.4	62.5	67.1	70.7	70.0	63.5
Alternative B	57.5	51.3	45.3	44.7	46.8	50.7	55.6	62.6	66.8	70.2	70.1	63.3
Difference	-0.1	0.0	0.1	0.0	0.0	0.2	0.1	0.1	-0.3	-0.5	0.1	-0.1
Percent Difference	-0.2%	-0.1%	0.2%	0.0%	0.1%	0.3%	0.3%	0.2%	-0.5%	-0.8%	0.2%	-0.2%
Above Normal (15%)												
No Action Alternative	58.0	50.7	45.5	44.8	47.0	51.7	57.6	64.4	67.9	69.8	70.1	65.4
Alternative B	57.9	50.7	45.6	44.8	47.1	51.9	57.8	64.5	67.8	68.9	69.8	65.4
Difference	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.1	-0.1	-0.9	-0.2	0.0
Percent Difference	0.0%	0.1%	0.2%	0.1%	0.1%	0.5%	0.5%	0.2%	-0.2%	-1.3%	-0.4%	0.0%
Below Normal (17%)												
No Action Alternative	57.7	51.0	45.3	44.2	46.7	51.9	58.6	64.2	67.7	70.1	69.8	66.5
Alternative B	57.5	51.0	45.3	44.2	46.7	52.2	58.9	64.4	67.5	69.4	69.6	66.0
Difference	-0.2	0.0	0.0	0.1	0.0	0.3	0.3	0.2	-0.1	-0.7	-0.2	-0.4
Percent Difference	-0.4%	0.0%	0.0%	0.1%	0.1%	0.6%	0.5%	0.3%	-0.2%	-1.0%	-0.3%	-0.6%
Dry (22%)												
No Action Alternative	58.6	51.4	45.2	44.0	47.4	52.6	59.4	64.2	68.2	69.9	69.7	67.0
Alternative B	58.5	51.4	45.2	44.1	47.5	52.8	59.7	64.3	68.0	69.3	69.2	66.6
Difference	0.0	-0.1	0.0	0.2	0.0	0.2	0.3	0.1	-0.1	-0.6	-0.5	-0.4
Percent Difference	-0.1%	-0.1%	-0.1%	0.4%	0.1%	0.3%	0.5%	0.2%	-0.2%	-0.9%	-0.7%	-0.6%
Critical (15%)												
No Action Alternative	60.1	50.9	44.7	44.1	48.4	53.6	59.3	64.4	67.5	70.7	71.1	67.8
Alternative B	59.9	50.8	44.7	44.2	48.5	53.7	59.5	64.8	67.2	70.3	70.1	67.4
Difference	-0.2	-0.1	0.0	0.1	0.0	0.1	0.3	0.3	-0.3	-0.4	-0.9	-0.4
Percent Difference	-0.3%	-0.3%	0.0%	0.2%	0.1%	0.2%	0.4%	0.5%	-0.4%	-0.5%	-1.3%	-0.6%

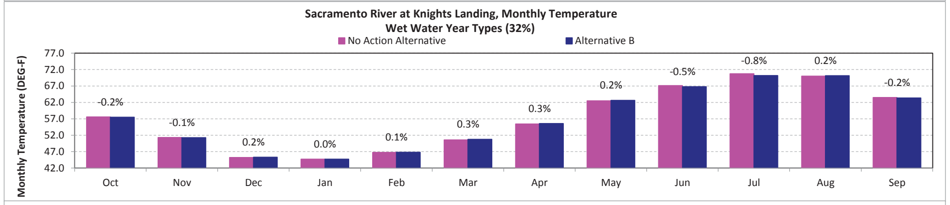
1 Based on the 82-year simulation period

2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

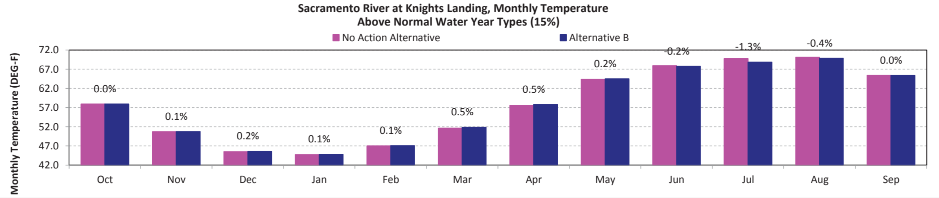
3 Relative difference of the monthly average



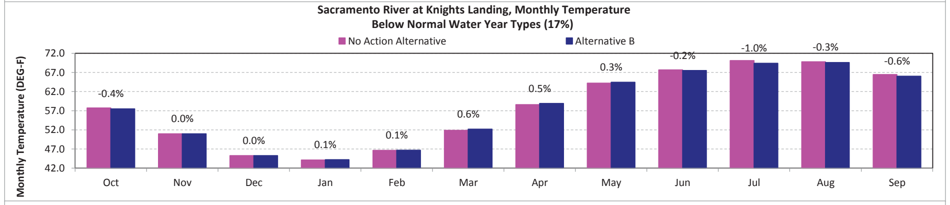
Sacramento River at Knights Landing, Monthly Temperature
Full Simulation Period



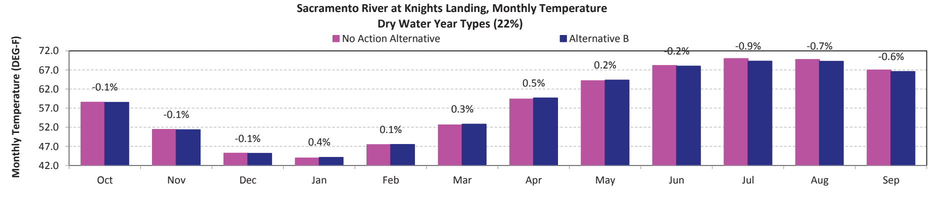
Sacramento River at Knights Landing, Monthly Temperature
Wet Water Year Types (32%)



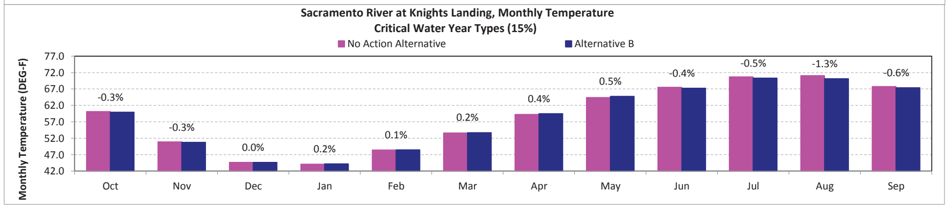
Sacramento River at Knights Landing, Monthly Temperature
Above Normal Water Year Types (15%)



Sacramento River at Knights Landing, Monthly Temperature
Below Normal Water Year Types (17%)



Sacramento River at Knights Landing, Monthly Temperature
Dry Water Year Types (22%)



Sacramento River at Knights Landing, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-11-5b
Sacramento River at Knights Landing, Monthly Temperature
Probability of Exceedance

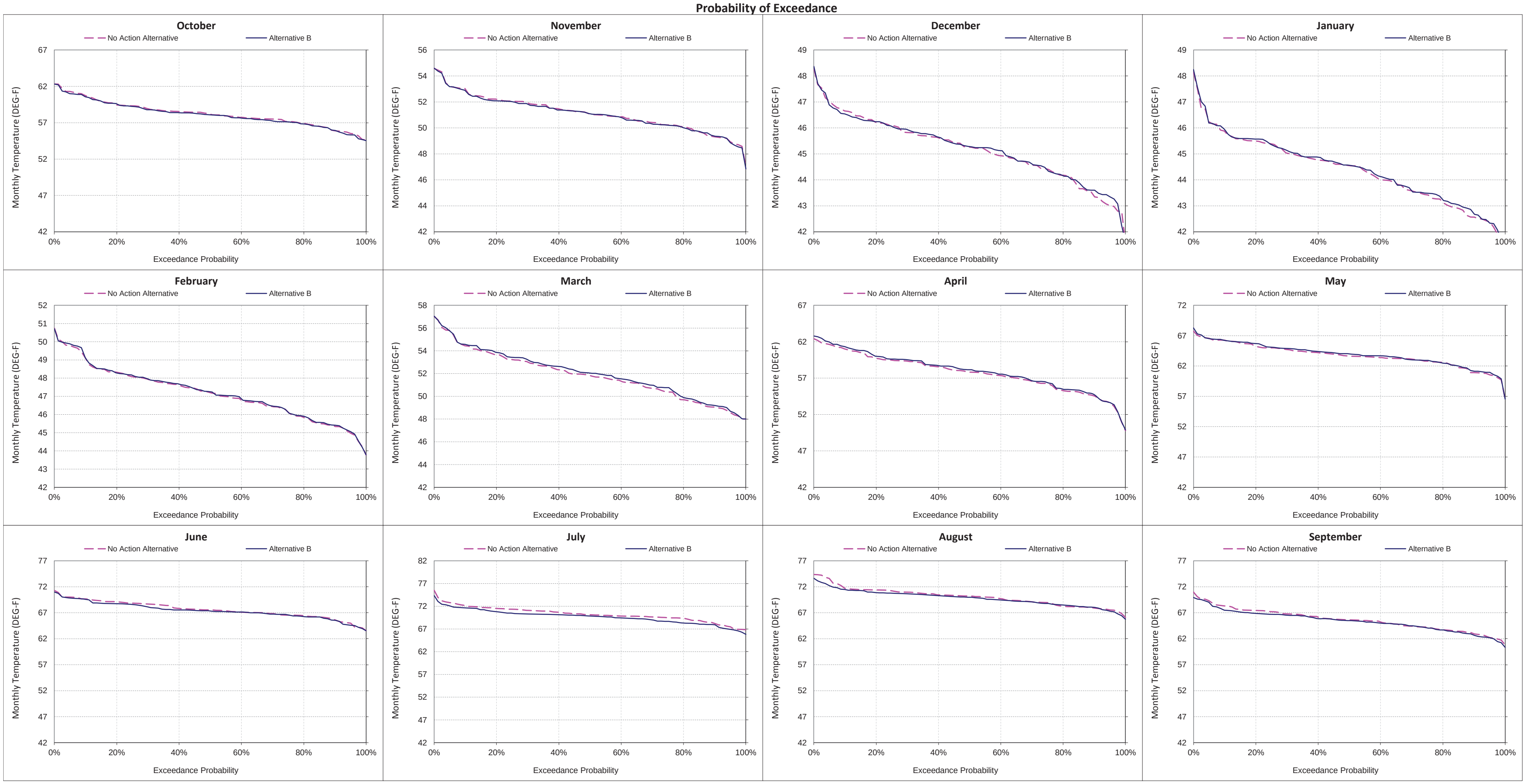


Table SQ-11-5b

Sacramento River at Knights Landing, Monthly Temperature
Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	62.3	62.3	0.0	0.0%
1.2%	62.3	62.2	-0.1	-0.2%
2.5%	61.7	61.4	-0.4	-0.6%
3.7%	61.3	61.3	-0.1	-0.1%
4.9%	61.3	61.0	-0.3	-0.5%
6.2%	61.2	61.0	-0.2	-0.3%
7.4%	61.0	60.9	-0.2	-0.3%
8.6%	61.0	60.9	-0.1	-0.2%
9.9%	60.7	60.6	-0.2	-0.3%
11.1%	60.5	60.4	-0.1	-0.2%
12.3%	60.4	60.2	-0.2	-0.3%
13.6%	60.1	60.1	0.0	0.0%
14.8%	60.0	60.0	0.0	0.1%
16.0%	59.8	59.8	-0.1	-0.1%
17.3%	59.8	59.7	-0.1	-0.1%
18.5%	59.7	59.7	0.0	-0.1%
19.8%	59.4	59.6	0.2	0.3%
21.0%	59.4	59.4	0.0	-0.1%
22.2%	59.4	59.3	-0.1	-0.1%
23.5%	59.3	59.3	0.0	-0.1%
24.7%	59.3	59.2	-0.1	-0.2%
25.9%	59.3	59.2	-0.1	-0.2%
27.2%	59.2	59.1	-0.1	-0.2%
28.4%	59.2	58.9	-0.2	-0.4%
29.6%	59.0	58.8	-0.2	-0.3%
30.9%	58.8	58.8	0.0	-0.1%
32.1%	58.8	58.7	0.0	-0.1%
33.3%	58.8	58.6	-0.1	-0.2%
34.6%	58.7	58.6	-0.1	-0.2%
35.8%	58.6	58.5	-0.1	-0.2%
37.0%	58.6	58.4	-0.2	-0.4%
38.3%	58.6	58.4	-0.2	-0.3%
39.5%	58.6	58.4	-0.2	-0.3%
40.7%	58.5	58.4	-0.1	-0.2%
42.0%	58.5	58.4	-0.1	-0.2%
43.2%	58.5	58.4	-0.1	-0.2%
44.4%	58.4	58.3	-0.1	-0.2%
45.7%	58.4	58.2	-0.2	-0.3%
46.9%	58.4	58.2	-0.2	-0.4%
48.1%	58.3	58.2	-0.2	-0.3%
49.4%	58.3	58.1	-0.2	-0.3%
50.6%	58.1	58.1	0.0	0.0%
51.9%	58.1	58.0	0.0	-0.1%
53.1%	58.1	58.0	-0.1	-0.1%
54.3%	57.9	58.0	0.1	0.1%
55.6%	57.9	57.9	0.0	0.0%
56.8%	57.9	57.7	-0.2	-0.3%
58.0%	57.9	57.7	-0.2	-0.3%
59.3%	57.7	57.7	-0.1	-0.1%
60.5%	57.7	57.6	-0.1	-0.2%
61.7%	57.7	57.6	-0.1	-0.1%
63.0%	57.6	57.6	-0.1	-0.1%
64.2%	57.6	57.5	-0.2	-0.3%
65.4%	57.6	57.4	-0.1	-0.2%
66.7%	57.6	57.4	-0.1	-0.2%
67.9%	57.5	57.4	-0.2	-0.3%
69.1%	57.5	57.3	-0.2	-0.3%
70.4%	57.5	57.2	-0.3	-0.5%
71.6%	57.5	57.1	-0.3	-0.6%
72.8%	57.4	57.1	-0.3	-0.5%
74.1%	57.2	57.1	0.0	-0.1%
75.3%	57.2	57.1	-0.1	-0.1%
76.5%	57.1	57.0	-0.1	-0.2%
77.8%	57.1	57.0	0.0	0.0%
79.0%	57.0	56.9	-0.1	-0.2%
80.2%	56.9	56.8	-0.1	-0.1%
81.5%	56.8	56.8	0.0	0.0%
82.7%	56.7	56.6	-0.1	-0.3%
84.0%	56.6	56.5	-0.1	-0.1%
85.2%	56.5	56.5	0.0	0.0%
86.4%	56.4	56.4	-0.1	-0.1%
87.7%	56.3	56.3	0.0	0.1%
88.9%	56.0	56.0	0.0	0.0%
90.1%	55.9	55.9	0.0	0.1%
91.4%	55.8	55.7	-0.1	-0.2%
92.6%	55.8	55.6	-0.2	-0.3%
93.8%	55.7	55.4	-0.3	-0.6%
95.1%	55.5	55.3	-0.2	-0.3%
96.3%	55.5	55.3	-0.1	-0.3%
97.5%	55.2	54.8	-0.4	-0.7%
98.8%	54.7	54.7	0.0	0.0%
100.0%	54.7	54.6	0.0	-0.2%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.6	54.6	0.0	0.0%
1.2%	54.5	54.4	-0.1	-0.1%
2.5%	54.3	54.2	-0.1	-0.2%
3.7%	53.5	53.4	0.0	0.0%
4.9%	53.2	53.2	0.0	-0.1%
6.2%	53.1	53.2	0.0	0.0%
7.4%	53.1	53.1	0.0	-0.1%
8.6%	53.0	53.0	-0.1	-0.1%
9.9%	53.0	52.9	-0.1	-0.3%
11.1%	52.6	52.6	0.0	0.0%
12.3%	52.5	52.4	0.0	-0.1%
13.6%	52.5	52.4	0.0	-0.1%
14.8%	52.4	52.3	-0.1	-0.3%
16.0%	52.4	52.2	-0.2	-0.3%
17.3%	52.2	52.2	-0.1	-0.1%
18.5%	52.2	52.1	-0.1	-0.2%
19.8%	52.2	52.1	-0.1	-0.3%
21.0%	52.2	52.1	-0.1	-0.2%
22.2%	52.1	52.1	0.0	0.0%
23.5%	52.1	52.1	0.0	0.0%
24.7%	52.1	52.0	0.0	-0.1%
25.9%	52.0	52.0	-0.1	-0.1%
27.2%	52.0	51.9	-0.2	-0.3%
28.4%	52.0	51.9	-0.2	-0.3%
29.6%	52.0	51.9	-0.1	-0.2%
30.9%	51.8	51.7	-0.1	-0.2%
32.1%	51.8	51.7	-0.1	-0.2%
33.3%	51.8	51.7	-0.1	-0.2%
34.6%	51.8	51.7	-0.1	-0.2%
35.8%	51.8	51.7	-0.1	-0.2%
37.0%	51.5	51.5	0.0	0.0%
38.3%	51.5	51.5	0.0	0.0%
39.5%	51.5	51.4	-0.1	-0.2%
40.7%	51.4	51.4	-0.1	-0.1%
42.0%	51.4	51.4	0.0	0.0%
43.2%	51.3	51.3	0.0	0.0%
44.4%	51.3	51.3	0.0	0.0%
45.7%	51.2	51.3	0.0	0.1%
46.9%	51.2	51.3	0.0	0.0%
48.1%	51.2	51.2	0.0	0.0%
49.4%	51.1	51.1	0.0	0.0%
50.6%	51.0	51.1	0.0	0.1%
51.9%	51.0	51.0	0.0	0.0%
53.1%	51.0	51.0	0.0	0.1%
54.3%	51.0	51.0	0.0	0.1%
55.6%	50.9	51.0	0.1	0.1%
56.8%	50.9	50.9	0.0	0.1%
58.0%	50.9	50.9	0.0	0.0%
59.3%	50.9	50.9	0.0	0.0%
60.5%	50.9	50.8	-0.1	-0.2%
61.7%	50.7	50.6	-0.1	-0.2%
63.0%	50.7	50.6	-0.1	-0.3%
64.2%	50.6	50.6	-0.1	-0.1%
65.4%	50.5	50.6	0.0	0.1%
66.7%	50.5	50.5	0.0	0.0%
67.9%	50.5	50.4	-0.2	-0.3%
69.1%	50.4	50.4	-0.1	-0.2%
70.4%	50.4	50.3	-0.1	-0.3%
71.6%	50.4	50.3	-0.1	-0.3%
72.8%	50.3	50.2	0.0	0.0%
74.1%	50.2	50.2	0.0	0.0%
75.3%	50.2	50.2	0.0	0.0%
76.5%	50.2	50.2	-0.1	-0.1%
77.8%	50.2	50.2	0.0	-0.1%
79.0%	50.1	50.1	0.0	0.0%
80.2%	50.1	50.0	-0.1	-0.2%
81.5%	50.0	49.9	-0.1	-0.2%
82.7%	49.9	49.8	-0.1	-0.3%
84.0%	49.7	49.8	0.1	0.2%
85.2%	49.7	49.7	0.0	0.1%
86.4%	49.6	49.6	0.0	0.0%
87.7%	49.4	49.6	0.2	0.4%
88.9%	49.4	49.4	0.1	0.2%
90.1%	49.3	49.4	0.1	0.1%
91.4%	49.3	49.3	0.1	0.1%
92.6%	49.2	49.3	0.1	0.1%
93.8%	49.2	49.2	0.0	0.0%
95.1%	48.9	48.9	-0.1	-0.1%
96.3%	48.8	48.7	-0.1	-0.2%
97.5%	48.7	48.5	-0.2	-0.4%
98.8%	48.6	48.5	-0.1	-0.2%
100.0%	47.1	46.8	-0.2	-0.5%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	48.3	48.4	0.1	0.2%
1.2%	47.7	47.7	0.0	0.1%
2.5%	47.5	47.5	-0.1	-0.2%
3.7%	47.2	47.4	0.2	0.4%
4.9%	47.0	46.9	-0.1	-0.3%
6.2%	46.9	46.8	-0.1	-0.3%
7.4%	46.8	46.7	-0.1	-0.2%
8.6%	46.7	46.6	-0.2	-0.4%
9.9%	46.7	46.5	-0.1	-0.2%
11.1%	46.6	46.5	-0.1	-0.3%
12.3%	46.6	46.4	-0.2	-0.4%
13.6%	46.5	46.4	-0.1	-0.1%
14.8%	46.5	46.3	-0.1	-0.3%
16.0%	46.4	46.3	-0.1	-0.2%
17.3%	46.3	46.3	0.0	-0.1%
18.5%	46.3	46.3	-0.1	-0.1%
19.8%	46.2	46.2	0.0	0.0%
21.0%	46.2	46.2	0.0	0.1%
22.2%	46.2	46.2	0.0	0.0%
23.5%	46.1	46.1	0.0	-0.1%
24.7%	46.1	46.1	0.0	0.0%
25.9%	46.1	46.0	-0.1	-0.1%
27.2%	46.0	46.0	-0.1	-0.1%
28.4%	45.8	46.0	0.1	0.3%
29.6%	45.8	46.0	0.1	0.3%
30.9%	45.8	45.9	0.1	0.1%
32.1%	45.8	45.8	0.0	0.0%
33.3%	45.7	45.8	0.1	0.2%
34.6%	45.7	45.8	0.1	0.2%
35.8%	45.7	45.8	0.1	0.2%
37.0%	45.7	45.8	0.1	0.2%
38.3%	45.7	45.7	0.1	0.2%
39.5%	45.6	45.7	0.0	0.0%
40.7%	45.6	45.6	0.0	0.1%
42.0%	45.5	45.5	0.0	0.0%
43.2%	45.5	45.5	-0.1	-0.1%
44.4%	45.5	45.4	0.0	-0.1%
45.7%	45.4	45.4	0.0	-0.1%
46.9%	45.4	45.4	0.0	-0.1%
48.1%	45.3	45.3	0.0	0.1%
49.4%	45.3	45.3	0.0	0.1%
50.6%	45.3	45.3	0.0	0.0%
51.9%	45.2	45.2	0.0	0.1%
53.1%	45.2	45.2	0.0	0.1%
54.3%	45.2	45.2	0.0	0.1%
55.6%	45.1	45.2	0.1	0.2%
56.8%	45.0	45.2	0.2	0.4%
58.0%	45.0	45.2	0.2	0.4%
59.3%	44.9	45.1	0.2	0.4%
60.5%	44.9	45.1	0.2	0.4%
61.7%	44.9	44.9	0.0	0.1%
63.0%	44.8	44.9	0.1	0.1%
64.2%	44.8	44.8	0.0	0.0%
65.4%	44.7	44.7	0.0	0.0%
66.7%	44.7	44.7	0.0	0.0%
67.9%	44.7	44.7	0.0	0.0%
69.1%	44.6	44.7	0.1	0.2%
70.4%	44.6	44.6	0.0	0.0%
71.6%	44.6	44.6	0.0	0.0%
72.8%	44.4	44.5	0.1	0.2%
74.1%	44.4	44.5	0.0	0.1%
75.3%	44.4	44.3	-0.1	-0.2%
76.5%	44.3	44.3	0.0	-0.1%
77.8%	44.2	44.2	0.0	0.0%
79.0%	44.2	44.2	0.0	0.1%
80.2%	44.2	44.1	0.0	-0.1%
81.5%	44.2	44.1	0.0	-0.1%
82.7%	44.1	44.0	-0.1	-0.2%
84.0%	43.9	44.0	0.1	0.3%
85.2%	43.7	43.9	0.2	0.5%
86.4%	43.7	43.7	0.1	0.2%
87.7%	43.6	43.6	0.0	0.1%
88.9%	43.6	43.6	0.1	0.1%
90.1%	43.3	43.6	0.3	0.6%
91.4%	43.3	43.5	0.2	0.4%
92.6%	43.2	43.4	0.3	0.6%
93.8%	43.1	43.4	0.4	0.8%
95.1%	43.0	43.3	0.3	0.8%
96.3%	43.0	43.3	0.3	0.7%
97.5%	42.8	43.1	0.3	0.7%
98.8%	42.8	42.3	-0.5	-1.3%
100.0%	41.5	41.6	0.0	0.1%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	48.1	48.2	0.1	0.2%
1.2%	47.5	47.6	0.0	0.1%
2.5%	46.8	47.0	0.3	0.6%
3.7%	46.7	46.8	0.1	0.2%
4.9%	46.2	46.2	0.0	-0.1%
6.2%	46.1	46.2	0.0	0.0%
7.4%	46.1	46.1	0.0	-0.1%
8.6%	45.9	46.1	0.2	0.4%
9.9%	45.9	45.9	0.1	0.1%
11.1%	45.7	45.7	0.0	0.1%
12.3%	45.7	45.6	0.0	0.0%
13.6%	45.6	45.6	0.0	0.1%
14.8%	45.6	45.6	0.0	0.0%
16.0%	45.5	45.6	0.0	0.1%
17.3%	45.5	45.6	0.1	0.2%
18.5%	45.5	45.6	0.1	0.2%
19.8%	45.5	45.6	0.1	0.2%
21.0%	45.5	45.6	0.1	0.2%
22.2%	45.4	45.6	0.1	0.3%
23.5%	45.4	45.5	0.1	0.2%
24.7%	45.4	45.4	0.0	0.0%
25.9%	45.4	45.3	-0.1	-0.1%
27.2%	45.2	45.2	0.0	0.0%
28.4%	45.2	45.2	0.0	0.1%
29.6%	45.0	45.1	0.1	0.2%
30.9%	45.0	45.1	0.1	0.2%
32.1%	45.0	45.0	0.0	0.1%
33.3%	44.9	45.0	0.1	0.2%
34.6%	44.9	44.9	0.0	0.0%
35.8%	44.9	44.9	0.0	0.0%
37.0%	44.8	44.9	0.0	0.1%
38.3%	44.8	44.9	0.1	0.2%
39.5%	44.8	44.9	0.1	0.2%
40.7%	44.8	44.9	0.1	0.2%
42.0%	44.7	44.8	0.0	0.0%
43.2%	44.7	44.7	0.0	0.0%
44.4%	44.7	44.7	0.1	0.1%
45.7%	44.6	44.7	0.1	0.2%
46.9%	44.6	44.6	0.0	0.1%
48.1%	44.6	44.6	0.0	0.0%
49.4%	44.6	44.6	0.0	0.0%
50.6%	44.5	44.6	0.0	0.0%
51.9%	44.5	44.5	0.0	0.0%
53.1%	44.5	44.5	0.0	-0.1%
54.3%	44.4	44.5	0.1	0.1%
55.6%	44.3	44.4	0.1	0.2%
56.8%	44.2	44.4	0.1	0.3%
58.0%	44.1	44.2	0.1	0.2%
59.3%	44.0	44.2	0.1	0.2%
60.5%	44.0	44.1	0.1	0.3%
61.7%	44.0	44.1	0.1	0.2%
63.0%	44.0	44.0	0.1	0.1%
64.2%	43.9	44.0	0.1	0.2%
65.4%	43.8	43.8	0.0	-0.1%
66.7%	43.8	43.8	0.0	0.0%
67.9%	43.6	43.8	0.1	0.3%
69.1%	43.6	43.7	0.1	0.2%
70.4%	43.6	43.5	0.0	-0.1%
71.6%	43.5	43.5	0.0	0.0%
72.8%	43.5	43.5	0.0	0.1%
74.1%	43.4	43.5	0.1	0.1%
75.3%	43.4	43.5	0.1	0.2%
76.5%	43.3	43.5	0.2	0.4%
77.8%	43.3	43.4	0.2	0.4%
79.0%	43.3	43.4	0.1	0.3%
80.2%	43.1	43.2	0.1	0.2%
81.5%	43.0	43.2	0.2	0.4%
82.7%	43.0	43.1	0.1	0.3%
84.0%	42.9	43.1	0.1	0.3%
85.2%	42.9	43.0	0.1	0.3%
86.4%	42.8	43.0	0.1	0.3%
87.7%	42.6	42.9	0.3	0.6%
88.9%	42.6	42.9	0.3	0.7%
90.1%	42.6	42.7	0.1	0.3%
91.4%	42.5	42.6	0.1	0.3%
92.6%	42.5	42.5	0.0	0.0%
93.8%	42.4	42.5	0.0	0.1%
95.1%	42.4	42.3	0.0	-0.1%
96.3%	42.2	42.3	0.1	0.3%
97.5%	41.9	42.1	0.2	0.4%
98.8%	41.3	41.7	0.4	0.9%
100.0%	41.3	41.3	0.0	0.0%

Table SQ-11-5b

Sacramento River at Knights Landing, Monthly Temperature
Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.7	50.7	0.0	-0.1%
1.2%	50.1	50.0	-0.1	-0.2%
2.5%	50.0	50.0	0.0	-0.1%
3.7%	49.8	49.9	0.1	0.2%
4.9%	49.8	49.9	0.1	0.2%
6.2%	49.7	49.8	0.1	0.2%
7.4%	49.6	49.8	0.1	0.2%
8.6%	49.5	49.7	0.2	0.4%
9.9%	49.1	49.1	0.0	0.0%
11.1%	48.7	48.8	0.1	0.2%
12.3%	48.6	48.7	0.1	0.2%
13.6%	48.5	48.5	0.0	0.0%
14.8%	48.5	48.5	0.0	0.1%
16.0%	48.5	48.5	0.0	0.0%
17.3%	48.3	48.4	0.1	0.2%
18.5%	48.3	48.4	0.1	0.1%
19.8%	48.3	48.3	0.0	-0.1%
21.0%	48.3	48.3	0.0	-0.1%
22.2%	48.2	48.2	0.0	0.0%
23.5%	48.1	48.2	0.1	0.1%
24.7%	48.1	48.2	0.1	0.2%
25.9%	48.1	48.1	0.0	0.1%
27.2%	48.0	48.1	0.0	0.0%
28.4%	48.0	48.0	0.0	0.1%
29.6%	48.0	48.0	0.0	0.0%
30.9%	47.9	47.9	0.0	0.0%
32.1%	47.8	47.9	0.0	0.1%
33.3%	47.8	47.9	0.1	0.2%
34.6%	47.8	47.8	0.1	0.1%
35.8%	47.7	47.8	0.1	0.1%
37.0%	47.7	47.8	0.1	0.1%
38.3%	47.7	47.7	0.0	0.1%
39.5%	47.7	47.7	0.0	0.1%
40.7%	47.6	47.6	0.1	0.2%
42.0%	47.5	47.6	0.1	0.2%
43.2%	47.5	47.5	0.1	0.2%
44.4%	47.5	47.5	0.0	0.0%
45.7%	47.4	47.4	0.0	-0.1%
46.9%	47.3	47.4	0.1	0.1%
48.1%	47.3	47.3	0.0	0.0%
49.4%	47.2	47.3	0.0	0.1%
50.6%	47.2	47.2	0.1	0.1%
51.9%	47.2	47.1	-0.1	-0.2%
53.1%	47.0	47.1	0.0	0.1%
54.3%	47.0	47.0	0.1	0.1%
55.6%	47.0	47.0	0.1	0.1%
56.8%	46.9	47.0	0.1	0.3%
58.0%	46.9	47.0	0.1	0.3%
59.3%	46.9	47.0	0.1	0.2%
60.5%	46.7	46.8	0.1	0.1%
61.7%	46.7	46.8	0.1	0.1%
63.0%	46.7	46.8	0.1	0.2%
64.2%	46.7	46.7	0.1	0.1%
65.4%	46.7	46.7	0.1	0.1%
66.7%	46.6	46.7	0.1	0.2%
67.9%	46.5	46.6	0.1	0.2%
69.1%	46.5	46.5	0.0	0.1%
70.4%	46.4	46.5	0.0	0.1%
71.6%	46.4	46.4	0.0	0.0%
72.8%	46.3	46.4	0.0	0.1%
74.1%	46.3	46.3	0.0	0.0%
75.3%	46.1	46.1	0.0	0.0%
76.5%	46.0	46.0	0.0	0.1%
77.8%	45.9	45.9	0.0	0.1%
79.0%	45.9	45.9	0.0	0.1%
80.2%	45.8	45.9	0.1	0.2%
81.5%	45.8	45.8	0.0	0.1%
82.7%	45.6	45.7	0.1	0.1%
84.0%	45.6	45.6	0.0	0.0%
85.2%	45.5	45.6	0.1	0.2%
86.4%	45.5	45.5	0.1	0.1%
87.7%	45.4	45.5	0.0	0.1%
88.9%	45.4	45.4	0.0	0.0%
90.1%	45.3	45.4	0.1	0.2%
91.4%	45.3	45.4	0.0	0.1%
92.6%	45.3	45.2	0.0	0.0%
93.8%	45.1	45.1	0.1	0.1%
95.1%	45.0	45.0	0.1	0.2%
96.3%	44.9	44.9	0.1	0.1%
97.5%	44.5	44.5	0.0	0.0%
98.8%	44.2	44.2	0.0	-0.1%
100.0%	43.8	43.8	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	57.0	57.0	0.0	0.0%
1.2%	56.7	56.7	0.0	0.0%
2.5%	56.1	56.2	0.2	0.3%
3.7%	55.8	56.0	0.2	0.4%
4.9%	55.8	55.8	0.0	-0.1%
6.2%	55.4	55.5	0.1	0.1%
7.4%	54.7	54.7	0.0	0.0%
8.6%	54.6	54.6	0.0	0.0%
9.9%	54.4	54.6	0.1	0.2%
11.1%	54.4	54.5	0.1	0.1%
12.3%	54.2	54.5	0.3	0.6%
13.6%	54.1	54.5	0.3	0.6%
14.8%	54.0	54.1	0.1	0.2%
16.0%	54.0	54.1	0.1	0.2%
17.3%	53.9	54.1	0.2	0.3%
18.5%	53.8	54.0	0.3	0.5%
19.8%	53.6	53.9	0.2	0.4%
21.0%	53.6	53.8	0.2	0.4%
22.2%	53.5	53.7	0.3	0.5%
23.5%	53.3	53.5	0.2	0.4%
24.7%	53.2	53.4	0.2	0.4%
25.9%	53.2	53.4	0.2	0.4%
27.2%	53.2	53.4	0.2	0.4%
28.4%	53.1	53.4	0.3	0.6%
29.6%	53.1	53.3	0.2	0.4%
30.9%	52.9	53.1	0.2	0.3%
32.1%	52.9	53.0	0.1	0.2%
33.3%	52.7	53.0	0.2	0.4%
34.6%	52.7	52.8	0.2	0.3%
35.8%	52.7	52.8	0.1	0.2%
37.0%	52.6	52.7	0.1	0.2%
38.3%	52.5	52.7	0.2	0.4%
39.5%	52.3	52.6	0.3	0.6%
40.7%	52.3	52.6	0.3	0.6%
42.0%	52.3	52.5	0.3	0.5%
43.2%	52.0	52.4	0.4	0.7%
44.4%	52.0	52.4	0.4	0.8%
45.7%	52.0	52.2	0.3	0.5%
46.9%	52.0	52.1	0.1	0.3%
48.1%	51.9	52.1	0.2	0.3%
49.4%	51.9	52.1	0.2	0.4%
50.6%	51.8	52.0	0.3	0.5%
51.9%	51.7	52.0	0.3	0.6%
53.1%	51.7	52.0	0.3	0.5%
54.3%	51.7	51.9	0.3	0.5%
55.6%	51.6	51.8	0.3	0.5%
56.8%	51.5	51.8	0.3	0.7%
58.0%	51.4	51.6	0.2	0.3%
59.3%	51.4	51.6	0.1	0.3%
60.5%	51.3	51.5	0.2	0.5%
61.7%	51.2	51.5	0.2	0.5%
63.0%	51.2	51.4	0.2	0.4%
64.2%	51.2	51.3	0.1	0.2%
65.4%	51.2	51.2	0.0	0.1%
66.7%	51.0	51.2	0.2	0.4%
67.9%	50.8	51.1	0.3	0.6%
69.1%	50.7	51.0	0.3	0.5%
70.4%	50.7	51.0	0.3	0.6%
71.6%	50.7	50.8	0.1	0.3%
72.8%	50.5	50.8	0.3	0.5%
74.1%	50.4	50.8	0.4	0.7%
75.3%	50.4	50.8	0.4	0.8%
76.5%	50.4	50.5	0.1	0.3%
77.8%	49.9	50.3	0.3	0.7%
79.0%	49.7	50.0	0.3	0.6%
80.2%	49.7	49.9	0.2	0.4%
81.5%	49.6	49.8	0.2	0.4%
82.7%	49.6	49.8	0.2	0.4%
84.0%	49.5	49.6	0.2	0.4%
85.2%	49.4	49.5	0.1	0.2%
86.4%	49.2	49.4	0.2	0.4%
87.7%	49.1	49.3	0.2	0.3%
88.9%	49.1	49.2	0.2	0.4%
90.1%	49.0	49.2	0.1	0.3%
91.4%	49.0	49.1	0.2	0.3%
92.6%	48.9	49.1	0.2	0.4%
93.8%	48.8	49.0	0.2	0.5%
95.1%	48.6	48.7	0.1	0.3%
96.3%	48.4	48.6	0.2	0.4%
97.5%	48.3	48.3	0.1	0.1%
98.8%	48.0	48.0	0.0	0.0%
100.0%	48.0	48.0	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	62.4	62.8	0.4	0.6%
1.2%	62.2	62.7	0.5	0.8%
2.5%	61.8	62.5	0.6	1.0%
3.7%	61.7	62.1	0.4	0.6%
4.9%	61.6	62.0	0.3	0.5%
6.2%	61.5	61.7	0.2	0.3%
7.4%	61.2	61.6	0.4	0.7%
8.6%	61.2	61.4	0.2	0.3%
9.9%	61.0	61.3	0.3	0.5%
11.1%	60.9	61.2	0.3	0.5%
12.3%	60.7	61.0	0.3	0.5%
13.6%	60.7	60.9	0.2	0.3%
14.8%	60.5	60.8	0.3	0.5%
16.0%	60.5	60.8	0.3	0.5%
17.3%	59.9	60.6	0.7	1.2%
18.5%	59.9	60.3	0.4	0.6%
19.8%	59.7	60.0	0.3	0.5%
21.0%	59.7	60.0	0.3	0.5%
22.2%	59.5	59.9	0.4	0.6%
23.5%	59.5	59.6	0.1	0.2%
24.7%	59.5	59.6	0.1	0.2%
25.9%	59.4	59.6	0.2	0.4%
27.2%	59.4	59.6	0.2	0.3%
28.4%	59.4	59.6	0.2	0.3%
29.6%	59.4	59.5	0.2	0.3%
30.9%	59.3	59.5	0.2	0.3%
32.1%	59.3	59.4	0.1	0.2%
33.3%	59.2	59.4	0.2	0.4%
34.6%	59.1	59.4	0.2	0.4%
35.8%	58.7	58.9	0.1	0.2%
37.0%	58.7	58.8	0.2	0.3%
38.3%	58.6	58.8	0.2	0.3%
39.5%	58.6	58.8	0.2	0.3%
40.7%	58.5	58.7	0.1	0.2%
42.0%	58.4	58.7	0.2	0.4%
43.2%	58.2	58.7	0.4	0.7%
44.4%	58.1	58.6	0.4	0.8%
45.7%	58.1	58.4	0.3	0.6%
46.9%	58.1	58.3	0.2	0.4%
48.1%	58.0	58.2	0.2	0.4%
49.4%	57.8	58.2	0.3	0.6%
50.6%	57.8	58.2	0.3	0.6%
51.9%	57.8	58.0	0.2	0.3%
53.1%	57.8	58.0	0.2	0.3%
54.3%	57.7	57.9	0.2	0.3%
55.6%	57.6	57.9	0.3	0.5%
56.8%	57.5	57.8	0.3	0.5%
58.0%	57.4	57.7	0.3	0.6%
59.3%	57.4	57.5	0.2	0.3%
60.5%	57.3	57.5	0.2	0.4%
61.7%	57.2	57.5	0.3	0.5%
63.0%	57.1	57.3	0.1	0.2%
64.2%	57.0	57.2	0.2	0.4%
65.4%	57.0	57.2	0.2	0.4%
66.7%	56.8	57.2	0.3	0.6%
67.9%	56.8	57.0	0.2	0.4%
69.1%	56.7	56.8	0.1	0.2%
70.4%	56.5	56.6	0.0	0.1%
71.6%	56.4	56.5	0.2	0.3%
72.8%	56.3	56.5	0.2	0.4%
74.1%	56.3	56.5	0.2	0.4%
75.3%	56.2	56.3	0.1	0.2%
76.5%	56.0	56.2	0.3	0.5%
77.8%	55.5	55.6	0.2	0.3%
79.0%	55.4	55.6	0.2	0.4%
80.2%	55.3	55.4	0.2	0.3%
81.5%	55.2	55.4	0.3	0.5%
82.7%	55.2	55.4	0.2	0.4%
84.0%	55.2	55.4	0.2	0.4%
85.2%	55.1	55.4	0.3	0.5%
86.4%	54.9	55.2	0.3	0.5%
87.7%	54.8	55.0	0.2	0.4%
88.9%	54.7	54.9	0.2	0.4%
90.1%	54.5	54.7	0.1	0.3%
91.4%	54.2	54.2	0.0	0.0%
92.6%	53.9	53.9	0.0	0.0%
93.8%	53.8	53.8	0.0	-0.1%
95.1%	53.6	53.6	0.0	0.0%
96.3%	53.1	53.4	0.2	0.4%
97.5%	52.3	52.4	0.1	0.2%
98.8%	50.9	51.0	0.0	0.1%
100.0%	49.8	49.9	0.1	0.2%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.7	68.3	0.5	0.8%
1.2%	67.1	67.3	0.3	0.4%
2.5%	66.8	67.1	0.4	0.5%
3.7%	66.7	66.7	0.0	0.0%
4.9%	66.6	66.5	-0.1	-0.1%
6.2%	66.3	66.4	0.1	0.2%
7.4%	66.3	66.4	0.1	0.2%
8.6%	66.3	66.4	0.1	0.2%
9.9%	66.3	66.2	0.0	0.0%
11.1%	66.1	66.1	0.0	0.1%
12.3%	66.1	66.0	0.0	-0.1%
13.6%	66.0	66.0	0.0	-0.1%
14.8%	65.8	66.0	0.1	0.2%
16.0%	65.7	65.9	0.2	0.4%
17.3%	65.7	65.9	0.3	0.4%
18.5%	65.6	65.7	0.1	0.2%
19.8%	65.3	65.7	0.4	0.7%
21.0%	65.1	65.7	0.5	0.8%
22.2%	65.0	65.4	0.4	0.6%
23.5%	65.0	65.2	0.2	0.2%
24.7%	65.0	65.1	0.1	0.2%
25.9%	65.0	65.1	0.1	0.1%
27.2%	64.9	65.0	0.0	0.1%
28.4%	64.9	64.9	0.0	0.1%
29.6%	64.7	64.9	0.1	0.2%
30.9%	64.7	64.9	0.2	0.3%
32.1%	64.5	64.8	0.3	0.5%
33.3%	64.5	64.7	0.3	0.4%
34.6%	64.4	64.7	0.3	0.4%
35.8%	64.4	64.7	0.3	0.5%
37.0%	64.3	64.6	0.3	0.4%
38.3%	64.3	64.5	0.2	0.4%
39.5%	64.2	64.4	0.2	0.2%
40.7%	64.1	64.4	0.2	0.3%
42.0%	64.1	64.3	0.2	0.2%
43.2%	64.1	64.3	0.2	0.3%
44.4%	64.0	64.2	0.2	0.4%
45.7%	63.9	64.1	0.2	0.3%
46.9%	63.8	64.1	0.2	0.3%
48.1%	63.7	64.0	0.3	0.5%
49.4%	63.7	64.0	0.4	0.6%
50.6%	63.6	64.0	0.3	0.5%
51.9%	63.6	63.9	0.3	0.5%
53.1%	63.6	63.9	0.3	0.5%
54.3%	63.6	63.7	0.1	0.2%
55.6%	63.5	63.7	0.2	0.3%
56.8%	63.5	63.7	0.2	0.3%
58.0%	63.5	63.7	0.2	0.4%
59.3%	63.4	63.7	0.3	0.4%
60.5%	63.4	63.7	0.3	0.4%
61.7%	63.3	63.6	0.3	0.6%
63.0%	63.3	63.5	0.3	0.4%
64.2%	63.3	63.5	0.2	0.4%
65.4%	63.2	63.5	0.2	0.3%
66.7%	63.2	63.4	0.1	0.2%
67.9%	63.2	63.1	-0.1	-0.1%
69.1%	63.2	63.1	-0.1	-0.2%
70.4%	63.1	63.0	-0.1	-0.1%
71.6%	63.0	63.0	-0.1	-0.1%
72.8%	63.0	63.0	0.0	0.0%
74.1%	62.8	62.9	0.1	0.2%
75.3%	62.8	62.9	0.1	0.2%
76.5%	62.7	62.7	0.1	0.1%
77.8%	62.7	62.7	0.1	0.1%
79.0%	62.6	62.6	0.0	-0.1%
80.2%	62.6	62.5	-0.2	-0.2%
81.5%	62.4	62.4	0.0	0.0%
82.7%	62.2	62.2	0.0	0.0%
84.0%	62.1	62.1	0.0	0.0%
85.2%	61.7	62.0	0.3	0.5%
86.4%	61.7	61.8	0.1	0.2%
87.7%	61.6	61.7	0.1	0.2%
88.9%	60.9	61.3	0.4	0.6%
90.1%	60.9	61.1	0.2	0.4%
91.4%	60.9	61.1	0.2	0.4%
92.6%	60.8	61.1	0.2	0.4%
93.8%	60.8	61.0	0.2	0.3%
95.1%	60.5	60.9	0.4	0.7%
96.3%	60.4	60.6	0.2	0.3%
97.5%	60.1	60.3	0.2	0.4%
98.8%	59.7	59.9	0.2	0.3%
100.0%	56.5	56.5	0.0	0.0%

Table SQ-11-5b

Sacramento River at Knights Landing, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	71.3	71.0	-0.3	-0.5%
1.2%	70.9	70.7	-0.2	-0.2%
2.5%	70.0	70.0	0.0	0.0%
3.7%	70.0	69.9	-0.1	-0.1%
4.9%	70.0	69.8	-0.2	-0.3%
6.2%	70.0	69.8	-0.2	-0.3%
7.4%	69.9	69.7	-0.2	-0.3%
8.6%	69.7	69.7	0.0	0.0%
9.9%	69.7	69.6	-0.1	-0.1%
11.1%	69.6	69.5	-0.1	-0.2%
12.3%	69.4	68.9	-0.5	-0.8%
13.6%	69.4	68.9	-0.5	-0.7%
14.8%	69.3	68.8	-0.5	-0.7%
16.0%	69.2	68.8	-0.4	-0.5%
17.3%	69.1	68.8	-0.4	-0.5%
18.5%	69.1	68.8	-0.4	-0.6%
19.8%	69.1	68.7	-0.4	-0.6%
21.0%	69.0	68.7	-0.3	-0.5%
22.2%	69.0	68.7	-0.3	-0.4%
23.5%	68.9	68.7	-0.2	-0.3%
24.7%	68.9	68.6	-0.3	-0.4%
25.9%	68.8	68.5	-0.3	-0.4%
27.2%	68.8	68.4	-0.4	-0.6%
28.4%	68.7	68.4	-0.4	-0.5%
29.6%	68.7	68.1	-0.6	-0.8%
30.9%	68.7	68.0	-0.7	-1.0%
32.1%	68.6	67.9	-0.7	-1.0%
33.3%	68.6	67.9	-0.6	-0.9%
34.6%	68.5	67.7	-0.8	-1.2%
35.8%	68.4	67.6	-0.8	-1.1%
37.0%	68.4	67.6	-0.8	-1.1%
38.3%	67.9	67.6	-0.4	-0.6%
39.5%	67.9	67.5	-0.3	-0.5%
40.7%	67.8	67.5	-0.2	-0.4%
42.0%	67.8	67.5	-0.2	-0.3%
43.2%	67.7	67.5	-0.2	-0.3%
44.4%	67.7	67.4	-0.3	-0.4%
45.7%	67.7	67.4	-0.2	-0.4%
46.9%	67.6	67.4	-0.2	-0.3%
48.1%	67.6	67.4	-0.2	-0.3%
49.4%	67.5	67.4	-0.2	-0.3%
50.6%	67.5	67.3	-0.3	-0.4%
51.9%	67.5	67.2	-0.2	-0.3%
53.1%	67.5	67.2	-0.2	-0.3%
54.3%	67.4	67.2	-0.2	-0.2%
55.6%	67.3	67.2	-0.2	-0.2%
56.8%	67.2	67.2	-0.1	-0.1%
58.0%	67.2	67.2	-0.1	-0.1%
59.3%	67.1	67.1	0.0	0.0%
60.5%	67.1	67.1	0.0	0.0%
61.7%	67.1	67.1	0.0	0.0%
63.0%	67.1	67.0	-0.1	-0.1%
64.2%	67.0	67.0	0.0	-0.1%
65.4%	67.0	67.0	0.0	-0.1%
66.7%	67.0	67.0	-0.1	-0.1%
67.9%	66.9	66.8	-0.1	-0.2%
69.1%	66.8	66.8	-0.1	-0.1%
70.4%	66.8	66.7	-0.1	-0.2%
71.6%	66.7	66.7	0.0	0.0%
72.8%	66.6	66.7	0.1	0.1%
74.1%	66.6	66.7	0.1	0.2%
75.3%	66.5	66.5	0.0	0.0%
76.5%	66.5	66.4	-0.1	-0.2%
77.8%	66.5	66.4	-0.1	-0.2%
79.0%	66.5	66.4	-0.1	-0.2%
80.2%	66.4	66.3	-0.2	-0.3%
81.5%	66.3	66.2	-0.1	-0.2%
82.7%	66.3	66.2	-0.1	-0.1%
84.0%	66.3	66.2	-0.1	-0.1%
85.2%	66.2	66.2	0.0	0.0%
86.4%	66.1	65.9	-0.2	-0.3%
87.7%	66.0	65.9	-0.2	-0.2%
88.9%	65.9	65.6	-0.3	-0.5%
90.1%	65.6	65.6	-0.1	-0.1%
91.4%	65.3	65.3	0.0	0.0%
92.6%	65.2	64.8	-0.4	-0.6%
93.8%	65.1	64.7	-0.4	-0.6%
95.1%	65.0	64.6	-0.4	-0.6%
96.3%	64.3	64.6	0.3	0.4%
97.5%	64.2	64.2	0.0	0.0%
98.8%	64.1	63.9	-0.2	-0.3%
100.0%	63.5	63.5	0.0	0.0%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	75.5	74.3	-1.2	-1.6%
1.2%	73.9	73.1	-0.9	-1.2%
2.5%	73.2	72.4	-0.8	-1.1%
3.7%	73.0	72.4	-0.6	-0.8%
4.9%	72.8	72.1	-0.7	-1.0%
6.2%	72.7	71.8	-0.9	-1.2%
7.4%	72.5	71.8	-0.7	-1.0%
8.6%	72.3	71.7	-0.6	-0.8%
9.9%	72.2	71.6	-0.5	-0.7%
11.1%	72.0	71.6	-0.3	-0.5%
12.3%	71.9	71.5	-0.4	-0.6%
13.6%	71.9	71.5	-0.4	-0.5%
14.8%	71.7	71.2	-0.5	-0.7%
16.0%	71.7	71.2	-0.5	-0.7%
17.3%	71.7	71.0	-0.7	-0.9%
18.5%	71.7	71.0	-0.7	-1.0%
19.8%	71.5	70.8	-0.7	-1.0%
21.0%	71.5	70.7	-0.8	-1.1%
22.2%	71.5	70.6	-0.8	-1.2%
23.5%	71.4	70.5	-0.9	-1.2%
24.7%	71.3	70.5	-0.9	-1.2%
25.9%	71.3	70.4	-0.9	-1.3%
27.2%	71.3	70.4	-0.9	-1.2%
28.4%	71.2	70.3	-0.9	-1.2%
29.6%	71.1	70.3	-0.8	-1.1%
30.9%	71.1	70.3	-0.8	-1.1%
32.1%	71.0	70.3	-0.7	-1.1%
33.3%	71.0	70.3	-0.7	-1.0%
34.6%	70.9	70.2	-0.7	-1.0%
35.8%	70.9	70.2	-0.7	-1.0%
37.0%	70.9	70.2	-0.7	-1.0%
38.3%	70.8	70.2	-0.6	-0.8%
39.5%	70.7	70.2	-0.5	-0.8%
40.7%	70.7	70.1	-0.6	-0.8%
42.0%	70.5	70.1	-0.4	-0.6%
43.2%	70.5	70.1	-0.4	-0.6%
44.4%	70.4	70.0	-0.3	-0.5%
45.7%	70.3	70.0	-0.3	-0.5%
46.9%	70.3	70.0	-0.3	-0.4%
48.1%	70.2	70.0	-0.2	-0.3%
49.4%	70.2	69.9	-0.3	-0.4%
50.6%	70.1	69.8	-0.3	-0.4%
51.9%	70.1	69.8	-0.3	-0.4%
53.1%	70.1	69.8	-0.3	-0.5%
54.3%	70.0	69.7	-0.3	-0.4%
55.6%	70.0	69.6	-0.3	-0.5%
56.8%	69.9	69.6	-0.3	-0.5%
58.0%	69.9	69.5	-0.5	-0.7%
59.3%	69.9	69.4	-0.4	-0.6%
60.5%	69.8	69.4	-0.4	-0.6%
61.7%	69.8	69.4	-0.5	-0.7%
63.0%	69.8	69.3	-0.5	-0.7%
64.2%	69.8	69.3	-0.5	-0.8%
65.4%	69.8	69.2	-0.6	-0.8%
66.7%	69.8	69.2	-0.5	-0.8%
67.9%	69.8	69.2	-0.5	-0.8%
69.1%	69.7	69.1	-0.6	-0.9%
70.4%	69.6	68.9	-0.7	-1.0%
71.6%	69.6	68.7	-0.9	-1.3%
72.8%	69.6	68.7	-0.8	-1.2%
74.1%	69.5	68.7	-0.9	-1.3%
75.3%	69.4	68.7	-0.8	-1.1%
76.5%	69.4	68.6	-0.9	-1.3%
77.8%	69.4	68.5	-0.9	-1.4%
79.0%	69.4	68.4	-1.0	-1.4%
80.2%	69.3	68.3	-1.1	-1.5%
81.5%	69.1	68.3	-0.9	-1.3%
82.7%	68.9	68.2	-0.7	-1.0%
84.0%	68.9	68.2	-0.7	-1.0%
85.2%	68.9	68.0	-0.8	-1.2%
86.4%	68.6	68.0	-0.6	-0.9%
87.7%	68.5	68.0	-0.5	-0.7%
88.9%	68.5	68.0	-0.5	-0.7%
90.1%	68.2	67.9	-0.2	-0.3%
91.4%	67.9	67.4	-0.5	-0.8%
92.6%	67.9	67.1	-0.7	-1.1%
93.8%	67.6	67.1	-0.5	-0.8%
95.1%	67.5	66.9	-0.6	-0.9%
96.3%	67.0	66.8	-0.2	-0.3%
97.5%	66.9	66.6	-0.4	-0.5%
98.8%	66.9	66.3	-0.7	-1.0%
100.0%	66.8	65.8	-1.0	-1.6%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	74.4	73.6	-0.7	-1.0%
1.2%	74.3	73.1	-1.2	-1.6%
2.5%	74.2	72.9	-1.4	-1.8%
3.7%	73.8	72.6	-1.2	-1.7%
4.9%	73.6	72.2	-1.4	-1.9%
6.2%	72.7	71.9	-0.8	-1.0%
7.4%	72.6	71.8	-0.8	-1.1%
8.6%	72.3	71.5	-0.7	-1.0%
9.9%	71.7	71.5	-0.3	-0.4%
11.1%	71.6	71.3	-0.3	-0.4%
12.3%	71.5	71.3	-0.2	-0.3%
13.6%	71.5	71.3	-0.2	-0.3%
14.8%	71.4	71.3	-0.2	-0.2%
16.0%	71.4	71.3	-0.2	-0.3%
17.3%	71.4	71.0	-0.4	-0.6%
18.5%	71.4	71.0	-0.4	-0.6%
19.8%	71.4	70.9	-0.5	-0.7%
21.0%	71.4	70.9	-0.5	-0.7%
22.2%	71.4	70.8	-0.6	-0.8%
23.5%	71.4	70.8	-0.6	-0.8%
24.7%	71.2	70.8	-0.5	-0.6%
25.9%	71.1	70.7	-0.4	-0.5%
27.2%	71.0	70.7	-0.3	-0.4%
28.4%	71.0	70.7	-0.3	-0.4%
29.6%	71.0	70.7	-0.3	-0.4%
30.9%	71.0	70.6	-0.3	-0.4%
32.1%	70.9	70.6	-0.3	-0.5%
33.3%	70.8	70.6	-0.3	-0.4%
34.6%	70.7	70.5	-0.2	-0.3%
35.8%	70.7	70.4	-0.2	-0.3%
37.0%	70.7	70.4	-0.2	-0.3%
38.3%	70.7	70.4	-0.3	-0.4%
39.5%	70.5	70.3	-0.1	-0.2%
40.7%	70.4	70.3	-0.2	-0.2%
42.0%	70.4	70.2	-0.2	-0.2%
43.2%	70.4	70.2	-0.2	-0.3%
44.4%	70.3	70.1	-0.2	-0.3%
45.7%	70.3	70.1	-0.3	-0.4%
46.9%	70.3	70.0	-0.2	-0.3%
48.1%	70.2	70.0	-0.2	-0.3%
49.4%	70.2	70.0	-0.2	-0.3%
50.6%	70.2	70.0	-0.2	-0.3%
51.9%	70.1	69.9	-0.2	-0.3%
53.1%	70.1	69.8	-0.3	-0.4%
54.3%	70.0	69.8	-0.3	-0.4%
55.6%	70.0	69.6	-0.4	-0.6%
56.8%	70.0	69.6	-0.4	-0.6%
58.0%	69.9	69.6	-0.4	-0.6%
59.3%	69.8	69.5	-0.3	-0.4%
60.5%	69.7	69.5	-0.2	-0.3%
61.7%	69.5	69.4	-0.1	-0.1%
63.0%	69.4	69.3	-0.1	-0.1%
64.2%	69.4	69.3	-0.1	-0.2%
65.4%	69.4	69.2	-0.1	-0.2%
66.7%	69.3	69.2	-0.1	-0.2%
67.9%	69.2	69.1	-0.1	-0.1%
69.1%	69.2	69.1	0.0	0.0%
70.4%	69.1	69.1	0.0	0.0%
71.6%	69.0	68.9	-0.1	-0.2%
72.8%	69.0	68.9	-0.1	-0.2%
74.1%	69.0	68.8	-0.2	-0.3%
75.3%	68.9	68.8	-0.2	-0.2%
76.5%	68.7	68.6	-0.1	-0.2%
77.8%	68.4	68.6	0.1	0.2%
79.0%	68.3	68.5	0.2	0.4%
80.2%	68.2	68.5	0.3	0.4%
81.5%	68.2	68.4	0.2	0.3%
82.7%	68.2	68.4	0.2	0.3%
84.0%	68.1	68.3	0.1	0.2%
85.2%	68.1	68.2	0.1	0.1%
86.4%	68.1	68.2	0.1	0.1%
87.7%	68.1	68.1	0.0	0.0%
88.9%	68.0	68.1	0.1	0.1%
90.1%	67.9	68.0	0.2	0.2%
91.4%	67.8	67.9	0.1	0.1%
92.6%	67.7	67.6	-0.2	-0.2%
93.8%	67.7	67.5	-0.2	-0.3%
95.1%	67.5	67.3	-0.2	-0.4%
96.3%	67.5	67.2	-0.3	-0.5%
97.5%	67.3	66.8	-0.5	-0.7%
98.8%	66.8	66.4	-0.4	-0.6%
100.0%	66.1	65.8	-0.4	-0.5%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	71.0	69.9	-1.0	-1.5%
1.2%	70.1	69.6	-0.5	-0.7%
2.5%	69.6	69.5	-0.1	-0.1%
3.7%	69.6	69.3	-0.3	-0.5%
4.9%	69.3	69.0	-0.3	-0.4%
6.2%	68.8	68.2	-0.6	-0.8%
7.4%	68.5	68.1	-0.4	-0.6%
8.6%	68.4	67.9	-0.6	-0.8%
9.9%	68.3	67.5	-0.8	-1.2%
11.1%	68.3	67.4	-0.9	-1.3%
12.3%	68.1	67.4	-0.7	-1.1%
13.6%	67.7	67.3	-0.4	-0.7%
14.8%	67.7	67.2	-0.5	-0.7%
16.0%	67.5	67.1	-0.5	-0.7%
17.3%	67.5	67.0	-0.5	-0.7%
18.5%	67.5	66.9	-0.5	-0.8%
19.8%	67.5	66.9	-0.6	-0.8%
21.0%	67.4	66.8	-0.6	-0.9%
22.2%	67.4	66.8	-0.6	-0.9%
23.5%	67.3	66.7	-0.6	-0.9%
24.7%	67.2	66.7	-0.5	-0.8%
25.9%	67.2	66.7	-0.5	-0.8%
27.2%	67.1	66.7	-0.4	-0.6%
28.4%	66.8	66.7	-0.2	-0.3%
29.6%	66.8	66.5	-0.3	-0.4%
30.9%	66.8	66.5	-0.3	-0.4%
32.1%	66.7	66.5	-0.2	-0.4%
33.3%	66.7	66.5	-0.2	-0.3%
34.6%	66.6	66.4	-0.2	-0.3%
35.8%	66.4	66.4	0.0	-0.1%
37.0%	66.4	66.2	-0.2	-0.3%
38.3%	66.3	66.1	-0.2	-0.3%
39.5%	66.3	65.9	-0.4	-0.6%
40.7%	66.0	65.9	-0.1	-0.2%
42.0%	65.9	65.9	-0.1	-0.1%
43.2%	65.9	65.8	0.0	-0.1%
44.4%	65.8	65.8	0.0	-0.1%
45.7%	65.8	65.7	-0.1	-0.1%
46.9%	65.7	65.6	-0.1	-0.2%
48.1%	65.7	65.5	-0.2	-0.2%
49.4%	65.6	65.5	-0.1	-0.2%
50.6%	65.6	65.5	-0.1	-0.2%
51.9%	65.6	65.5	-0.1	-0.2%
53.1%	65.6	65.4	-0.2	-0.3%
54.3%	65.5	65.4	-0.1	-0.2%
55.6%	65.5	65.2	-0.3	-0.5%
56.8%	65.4	65.2	-0.3	-0.4%
58.0%	65.4	65.1	-0.3	-0.4%
59.3%	65.4	65.1	-0.3	-0.4%
60.5%	65.1	65.0	-0.2	-0.3%
61.7%	65.0	64.9	0.0	-0.1%
63.0%	65.0	64.9	0.0	-0.1%
64.2%	64.9	64.8	0.0	0.0%
65.4%	64.8	64.8	0.0	0.0%
66.7%	64.5	64.8	0.3	0.4%
67.9%	64.5	64.7	0.2	0.3%
69.1%	64.4	64.5	0.1	0.1%
70.4%	64.4	64.5	0.1	0.1%
71.6%	64.3	64.4	0.1	0.2%
72.8%	64.3	64.3	0.0	0.0%
74.1%	64.3	64.2	-0.1	-0.1%
75.3%	64.3	64.0	-0.2	-0.3%
76.5%	64.0	64.0	0.0	0.0%
77.8%	63.9	63.8	-0.1	-0.1%
79.0%	63.8	63.7	-0.1	-0.1%
80.2%	63.7	63.7	0.0	0.0%
81.5%	63.7	63.5	-0.2	-0.3%
82.7%	63.6	63.5	-0.1	-0.2%
84.0%	63.5	63.3	-0.2	-0.2%
85.2%	63.4	63.3	-0.2	-0.2%
86.4%	63.4	63.1	-0.3	-0.5%
87.7%	63.2	63.0	-0.2	-0.4%
88.9%	63.2	63.0	-0.3	-0.4%
90.1%	62.9	62.6	-0.3	-0.4%
91.4%	62.8	62.5	-0.4	-0.6%
92.6%	62.8	62.3	-0.5	-0.8%
93.8%	62.5	62.3	-0.2	-0.3%
95.1%	62.2	62.2	0.0	-0.1%
96.3%	62.1	62.0	-0.1	-0.2%
97.5%	61.9	61.4	-0.5	-0.8%
98.8%	61.7	61.3	-0.5	-0.8%
100.0%	60.8	60.4	-0.4	-0.7%

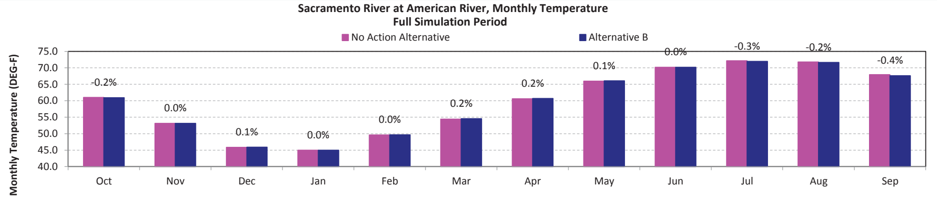
Table SQ-12-5a
Sacramento River at American River, Monthly Temperature
Long-term Average and Average by Water Year Type

Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	61.0	53.2	45.9	45.0	49.6	54.4	60.6	66.0	70.2	72.2	71.8	67.9
Alternative B	60.9	53.1	45.9	45.0	49.6	54.5	60.7	66.1	70.2	72.0	71.7	67.6
Difference	-0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.0	-0.2	-0.2	-0.3
Percent Difference[3]	-0.2%	0.0%	0.1%	0.0%	0.0%	0.2%	0.2%	0.1%	0.0%	-0.3%	-0.2%	-0.4%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	60.5	53.7	46.4	45.8	49.5	53.3	58.5	64.2	68.8	72.3	71.7	66.0
Alternative B	60.4	53.7	46.5	45.8	49.5	53.3	58.5	64.2	68.8	72.1	71.8	65.8
Difference	-0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.0	-0.2	0.1	-0.2
Percent Difference	-0.2%	0.0%	0.1%	0.0%	0.0%	0.1%	0.1%	0.1%	-0.1%	-0.3%	0.1%	-0.3%
Above Normal (15%)												
No Action Alternative	60.4	52.1	45.7	45.1	49.4	54.0	60.5	66.2	70.4	71.3	70.9	66.9
Alternative B	60.2	52.1	45.7	45.1	49.4	54.1	60.6	66.3	70.5	70.8	70.8	66.8
Difference	-0.2	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.0	-0.4	-0.1	-0.1
Percent Difference	-0.3%	0.0%	0.1%	0.0%	0.1%	0.1%	0.2%	0.2%	0.1%	-0.6%	-0.1%	-0.1%
Below Normal (17%)												
No Action Alternative	60.8	53.1	45.9	44.3	48.9	54.5	61.0	66.0	70.4	71.8	71.9	69.3
Alternative B	60.6	53.1	46.0	44.3	48.9	54.7	61.1	66.1	70.6	71.7	71.8	69.0
Difference	-0.2	0.0	0.0	0.0	0.0	0.2	0.1	0.1	0.1	-0.2	-0.1	-0.3
Percent Difference	-0.3%	0.0%	0.0%	0.0%	0.0%	0.4%	0.2%	0.2%	0.1%	-0.2%	-0.2%	-0.5%
Dry (22%)												
No Action Alternative	61.2	53.1	45.8	44.1	49.6	55.1	61.9	67.2	71.5	71.9	71.4	69.0
Alternative B	61.1	53.2	45.9	44.1	49.6	55.3	62.1	67.2	71.5	71.6	71.1	68.6
Difference	-0.1	0.0	0.1	0.0	0.0	0.2	0.2	0.1	0.1	-0.3	-0.3	-0.4
Percent Difference	-0.2%	0.0%	0.2%	0.0%	0.0%	0.3%	0.3%	0.1%	0.1%	-0.4%	-0.4%	-0.6%
Critical (15%)												
No Action Alternative	62.9	52.9	44.7	44.7	50.8	55.9	62.8	67.6	70.6	73.6	73.3	69.9
Alternative B	62.9	52.9	44.8	44.8	50.9	56.0	62.8	67.6	70.5	73.6	72.7	69.4
Difference	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1	-0.2	0.0	-0.6	-0.5
Percent Difference	0.0%	-0.1%	0.1%	0.1%	0.2%	0.2%	0.1%	0.1%	-0.2%	-0.1%	-0.8%	-0.6%

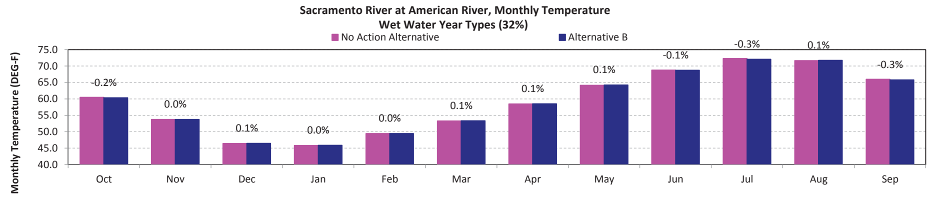
1 Based on the 82-year simulation period

2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

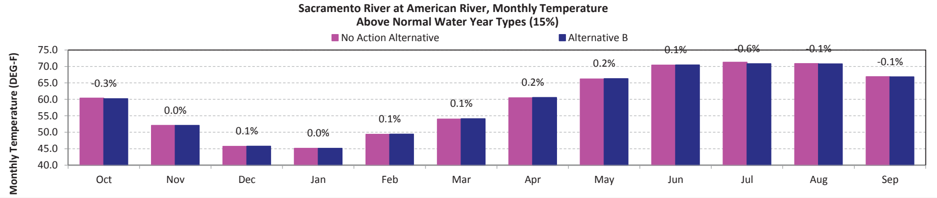
3 Relative difference of the monthly average



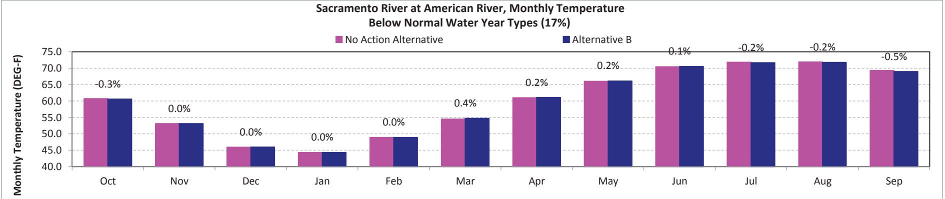
Sacramento River at American River, Monthly Temperature
Full Simulation Period



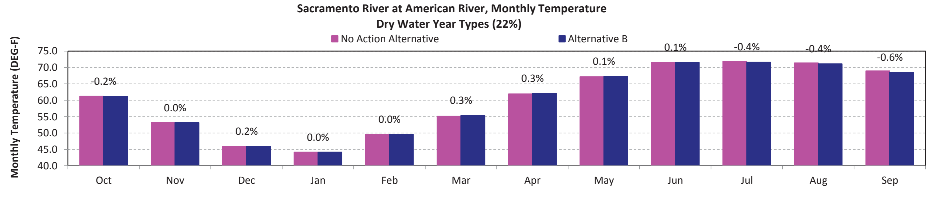
Sacramento River at American River, Monthly Temperature
Wet Water Year Types (32%)



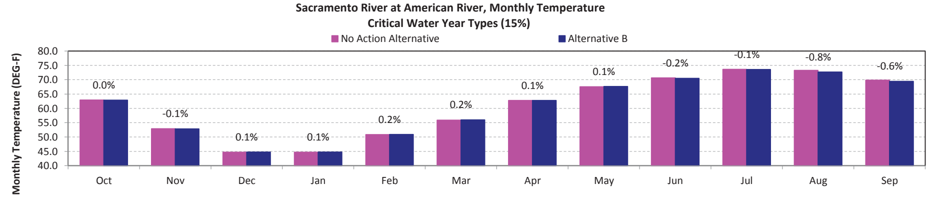
Sacramento River at American River, Monthly Temperature
Above Normal Water Year Types (15%)



Sacramento River at American River, Monthly Temperature
Below Normal Water Year Types (17%)



Sacramento River at American River, Monthly Temperature
Dry Water Year Types (22%)



Sacramento River at American River, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-12-5b

Sacramento River at American River, Monthly Temperature

Probability of Exceedance

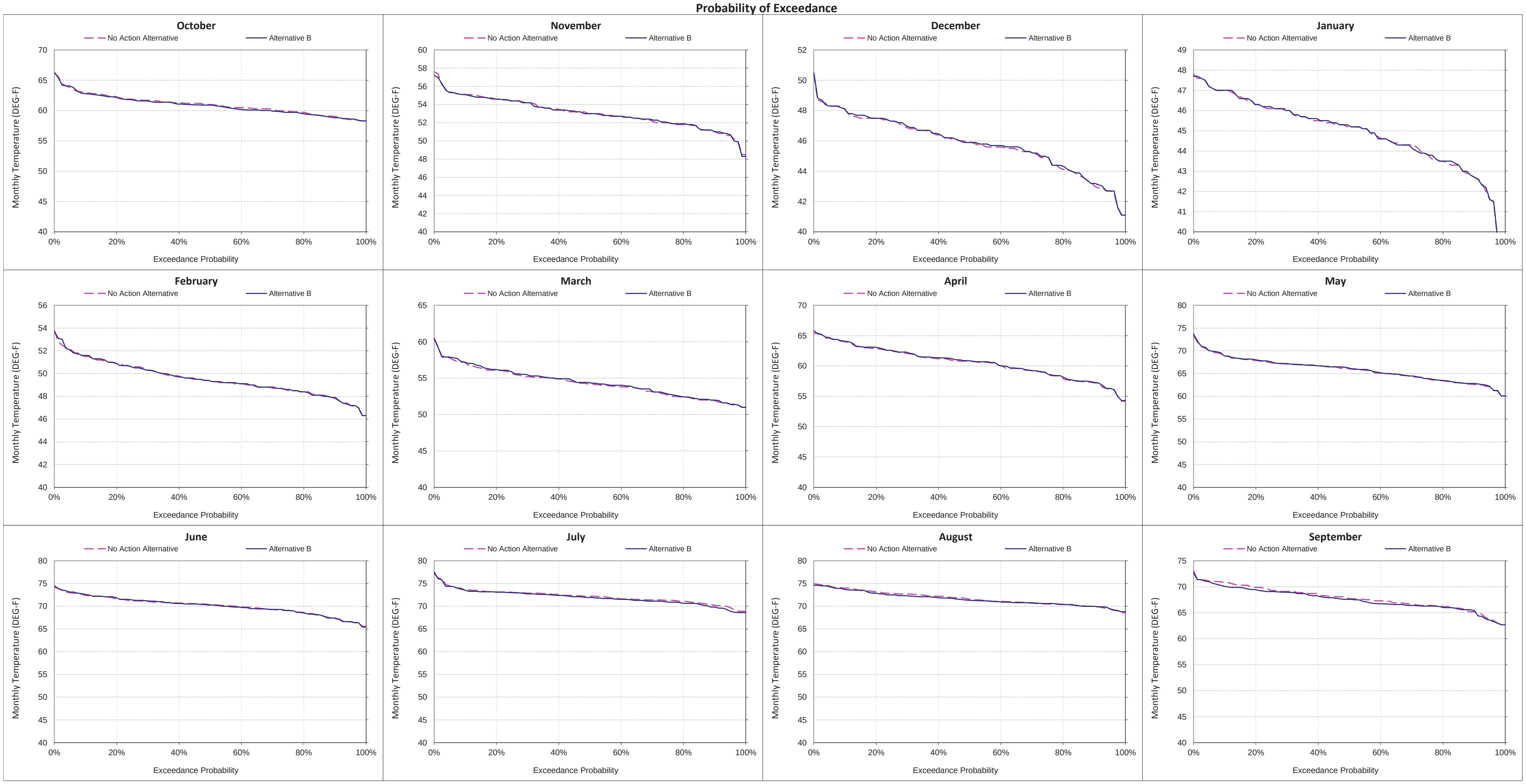


Table SQ-12-5b

Sacramento River at American River, Monthly Temperature
Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.2	66.3	0.1	0.2%
1.2%	65.6	65.4	-0.2	-0.3%
2.5%	64.4	64.2	-0.2	-0.3%
3.7%	64.1	64.1	0.0	0.0%
4.9%	63.8	64.1	0.3	0.5%
6.2%	63.4	63.8	0.4	0.6%
7.4%	63.2	63.2	0.0	0.0%
8.6%	63.1	62.9	-0.2	-0.3%
9.9%	62.9	62.8	-0.1	-0.2%
11.1%	62.9	62.7	-0.2	-0.3%
12.3%	62.8	62.7	-0.1	-0.2%
13.6%	62.8	62.6	-0.2	-0.3%
14.8%	62.7	62.5	-0.2	-0.3%
16.0%	62.6	62.4	-0.2	-0.3%
17.3%	62.4	62.3	-0.1	-0.2%
18.5%	62.4	62.3	-0.1	-0.2%
19.8%	62.3	62.2	-0.1	-0.2%
21.0%	62.1	62.0	-0.1	-0.2%
22.2%	62.0	61.9	-0.1	-0.2%
23.5%	61.9	61.8	-0.1	-0.2%
24.7%	61.9	61.8	-0.1	-0.2%
25.9%	61.8	61.7	-0.1	-0.2%
27.2%	61.8	61.6	-0.2	-0.3%
28.4%	61.7	61.6	-0.1	-0.2%
29.6%	61.7	61.6	-0.1	-0.2%
30.9%	61.7	61.5	-0.2	-0.3%
32.1%	61.6	61.4	-0.2	-0.3%
33.3%	61.6	61.4	-0.2	-0.3%
34.6%	61.4	61.4	0.0	0.0%
35.8%	61.4	61.4	0.0	0.0%
37.0%	61.4	61.4	0.0	0.0%
38.3%	61.3	61.2	-0.1	-0.2%
39.5%	61.3	61.1	-0.2	-0.3%
40.7%	61.3	61.1	-0.2	-0.3%
42.0%	61.2	61.0	-0.2	-0.3%
43.2%	61.2	61.0	-0.2	-0.3%
44.4%	61.2	61.0	-0.2	-0.3%
45.7%	61.2	60.9	-0.3	-0.5%
46.9%	61.2	60.9	-0.3	-0.5%
48.1%	61.0	60.9	-0.1	-0.2%
49.4%	61.0	60.9	-0.1	-0.2%
50.6%	61.0	60.9	-0.1	-0.2%
51.9%	60.9	60.8	-0.1	-0.2%
53.1%	60.9	60.7	-0.2	-0.3%
54.3%	60.7	60.6	-0.1	-0.2%
55.6%	60.6	60.5	-0.1	-0.2%
56.8%	60.5	60.4	-0.1	-0.2%
58.0%	60.5	60.3	-0.2	-0.3%
59.3%	60.5	60.2	-0.3	-0.5%
60.5%	60.5	60.2	-0.3	-0.5%
61.7%	60.5	60.1	-0.4	-0.7%
63.0%	60.4	60.1	-0.3	-0.5%
64.2%	60.3	60.1	-0.2	-0.3%
65.4%	60.3	60.1	-0.2	-0.3%
66.7%	60.3	60.0	-0.3	-0.5%
67.9%	60.3	60.0	-0.3	-0.5%
69.1%	60.3	60.0	-0.3	-0.5%
70.4%	60.1	59.9	-0.2	-0.3%
71.6%	60.0	59.9	-0.1	-0.2%
72.8%	60.0	59.8	-0.2	-0.3%
74.1%	59.9	59.7	-0.2	-0.3%
75.3%	59.9	59.7	-0.2	-0.3%
76.5%	59.8	59.7	-0.1	-0.2%
77.8%	59.8	59.7	-0.1	-0.2%
79.0%	59.7	59.6	-0.1	-0.2%
80.2%	59.7	59.4	-0.3	-0.5%
81.5%	59.5	59.4	-0.1	-0.2%
82.7%	59.4	59.3	-0.1	-0.2%
84.0%	59.3	59.3	0.0	0.0%
85.2%	59.2	59.2	0.0	0.0%
86.4%	59.1	59.1	0.0	0.0%
87.7%	59.1	59.0	-0.1	-0.2%
88.9%	59.1	58.9	-0.2	-0.3%
90.1%	59.0	58.8	-0.2	-0.3%
91.4%	58.9	58.8	-0.1	-0.2%
92.6%	58.7	58.7	0.0	0.0%
93.8%	58.6	58.7	0.1	0.2%
95.1%	58.5	58.6	0.1	0.2%
96.3%	58.5	58.6	0.1	0.2%
97.5%	58.4	58.4	0.0	0.0%
98.8%	58.3	58.3	0.0	0.0%
100.0%	58.3	58.3	0.0	0.0%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	57.6	57.2	-0.4	-0.7%
1.2%	57.4	57.0	-0.4	-0.7%
2.5%	56.2	56.3	0.1	0.2%
3.7%	55.7	55.6	-0.1	-0.2%
4.9%	55.4	55.3	-0.1	-0.2%
6.2%	55.3	55.3	0.0	0.0%
7.4%	55.2	55.2	0.0	0.0%
8.6%	55.1	55.1	0.0	0.0%
9.9%	55.1	55.1	0.0	0.0%
11.1%	55.1	55.0	-0.1	-0.2%
12.3%	55.1	54.9	-0.2	-0.4%
13.6%	55.0	54.8	-0.2	-0.4%
14.8%	54.9	54.8	-0.1	-0.2%
16.0%	54.8	54.8	0.0	0.0%
17.3%	54.7	54.7	0.0	0.0%
18.5%	54.6	54.7	0.1	0.2%
19.8%	54.6	54.6	0.0	0.0%
21.0%	54.6	54.6	0.0	0.0%
22.2%	54.6	54.5	-0.1	-0.2%
23.5%	54.5	54.5	0.0	0.0%
24.7%	54.4	54.4	0.0	0.0%
25.9%	54.4	54.4	0.0	0.0%
27.2%	54.4	54.4	0.0	0.0%
28.4%	54.3	54.2	-0.1	-0.2%
29.6%	54.2	54.2	0.0	0.0%
30.9%	54.2	54.2	0.0	0.0%
32.1%	54.1	53.8	-0.3	-0.6%
33.3%	53.8	53.7	-0.1	-0.2%
34.6%	53.7	53.7	0.0	0.0%
35.8%	53.6	53.6	0.0	0.0%
37.0%	53.6	53.6	0.0	0.0%
38.3%	53.5	53.4	-0.1	-0.2%
39.5%	53.5	53.4	-0.1	-0.2%
40.7%	53.4	53.4	0.0	0.0%
42.0%	53.3	53.4	0.1	0.2%
43.2%	53.2	53.3	0.1	0.2%
44.4%	53.2	53.3	0.1	0.2%
45.7%	53.2	53.2	0.0	0.0%
46.9%	53.2	53.2	0.0	0.0%
48.1%	53.2	53.0	-0.2	-0.4%
49.4%	53.0	53.0	0.0	0.0%
50.6%	53.0	53.0	0.0	0.0%
51.9%	53.0	53.0	0.0	0.0%
53.1%	53.0	52.9	-0.1	-0.2%
54.3%	52.9	52.8	-0.1	-0.2%
55.6%	52.8	52.8	0.0	0.0%
56.8%	52.7	52.8	0.1	0.2%
58.0%	52.7	52.7	0.0	0.0%
59.3%	52.7	52.7	0.0	0.0%
60.5%	52.6	52.7	0.1	0.2%
61.7%	52.6	52.6	0.0	0.0%
63.0%	52.6	52.6	0.0	0.0%
64.2%	52.5	52.5	0.0	0.0%
65.4%	52.5	52.5	0.0	0.0%
66.7%	52.4	52.4	0.0	0.0%
67.9%	52.3	52.4	0.1	0.2%
69.1%	52.3	52.4	0.1	0.2%
70.4%	52.1	52.3	0.2	0.4%
71.6%	52.0	52.3	0.3	0.6%
72.8%	52.0	52.1	0.1	0.2%
74.1%	52.0	52.1	0.1	0.2%
75.3%	52.0	52.0	0.0	0.0%
76.5%	51.9	51.9	0.0	0.0%
77.8%	51.8	51.9	0.1	0.2%
79.0%	51.8	51.9	0.1	0.2%
80.2%	51.8	51.9	0.1	0.2%
81.5%	51.8	51.8	0.0	0.0%
82.7%	51.7	51.8	0.1	0.2%
84.0%	51.7	51.7	0.0	0.0%
85.2%	51.2	51.3	0.1	0.2%
86.4%	51.2	51.2	0.0	0.0%
87.7%	51.2	51.2	0.0	0.0%
88.9%	51.1	51.2	0.1	0.2%
90.1%	51.0	51.0	0.0	0.0%
91.4%	50.8	51.0	0.2	0.4%
92.6%	50.8	50.9	0.1	0.2%
93.8%	50.6	50.8	0.2	0.4%
95.1%	50.6	50.7	0.1	0.2%
96.3%	50.2	50.0	-0.2	-0.4%
97.5%	49.9	49.9	0.0	0.0%
98.8%	48.5	48.3	-0.2	-0.4%
100.0%	48.5	48.3	-0.2	-0.4%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.4	50.5	0.1	0.2%
1.2%	48.7	48.8	0.1	0.2%
2.5%	48.6	48.7	0.1	0.2%
3.7%	48.5	48.4	-0.1	-0.2%
4.9%	48.3	48.3	0.0	0.0%
6.2%	48.3	48.3	0.0	0.0%
7.4%	48.3	48.3	0.0	0.0%
8.6%	48.3	48.2	-0.1	-0.2%
9.9%	48.1	48.1	0.0	0.0%
11.1%	47.8	47.8	0.0	0.0%
12.3%	47.6	47.8	0.2	0.4%
13.6%	47.6	47.7	0.1	0.2%
14.8%	47.5	47.7	0.2	0.4%
16.0%	47.5	47.7	0.2	0.4%
17.3%	47.5	47.6	0.1	0.2%
18.5%	47.5	47.5	0.0	0.0%
19.8%	47.5	47.5	0.0	0.0%
21.0%	47.5	47.5	0.0	0.0%
22.2%	47.4	47.5	0.1	0.2%
23.5%	47.4	47.4	0.0	0.0%
24.7%	47.3	47.3	0.0	0.0%
25.9%	47.3	47.3	0.0	0.0%
27.2%	47.2	47.2	0.0	0.0%
28.4%	47.0	47.2	0.2	0.4%
29.6%	46.9	47.0	0.1	0.2%
30.9%	46.8	46.9	0.1	0.2%
32.1%	46.8	46.9	0.1	0.2%
33.3%	46.7	46.7	0.0	0.0%
34.6%	46.7	46.7	0.0	0.0%
35.8%	46.7	46.7	0.0	0.0%
37.0%	46.6	46.7	0.1	0.2%
38.3%	46.5	46.5	0.0	0.0%
39.5%	46.4	46.5	0.1	0.2%
40.7%	46.4	46.4	0.0	0.0%
42.0%	46.2	46.2	0.0	0.0%
43.2%	46.2	46.2	0.0	0.0%
44.4%	46.1	46.2	0.1	0.2%
45.7%	46.1	46.1	0.0	0.0%
46.9%	46.0	46.0	0.0	0.0%
48.1%	46.0	45.9	-0.1	-0.2%
49.4%	45.9	45.9	0.0	0.0%
50.6%	45.9	45.9	0.0	0.0%
51.9%	45.8	45.9	0.1	0.2%
53.1%	45.7	45.8	0.1	0.2%
54.3%	45.7	45.8	0.1	0.2%
55.6%	45.6	45.8	0.2	0.4%
56.8%	45.6	45.7	0.1	0.2%
58.0%	45.6	45.7	0.1	0.2%
59.3%	45.6	45.7	0.1	0.2%
60.5%	45.6	45.7	0.1	0.2%
61.7%	45.5	45.6	0.1	0.2%
63.0%	45.5	45.6	0.1	0.2%
64.2%	45.5	45.6	0.1	0.2%
65.4%	45.4	45.6	0.2	0.4%
66.7%	45.3	45.5	0.2	0.4%
67.9%	45.3	45.3	0.0	0.0%
69.1%	45.3	45.3	0.0	0.0%
70.4%	45.2	45.2	0.0	0.0%
71.6%	45.1	45.2	0.1	0.2%
72.8%	44.9	45.0	0.1	0.2%
74.1%	44.9	45.0	0.1	0.2%
75.3%	44.9	44.9	0.0	0.0%
76.5%	44.4	44.4	0.0	0.0%
77.8%	44.4	44.4	0.0	0.0%
79.0%	44.2	44.4	0.2	0.5%
80.2%	44.1	44.3	0.2	0.5%
81.5%	44.1	44.1	0.0	0.0%
82.7%	44.0	44.0	0.0	0.0%
84.0%	43.9	43.9	0.0	0.0%
85.2%	43.7	43.9	0.2	0.5%
86.4%	43.6	43.6	0.0	0.0%
87.7%	43.4	43.4	0.0	0.0%
88.9%	43.3	43.2	-0.1	-0.2%
90.1%	43.0	43.2	0.2	0.5%
91.4%	42.9	43.1	0.2	0.5%
92.6%	42.9	43.0	0.1	0.2%
93.8%	42.7	42.7	0.0	0.0%
95.1%	42.7	42.7	0.0	0.0%
96.3%	42.6	42.7	0.1	0.2%
97.5%	41.6	41.6	0.0	0.0%
98.8%	41.1	41.1	0.0	0.0%
100.0%	41.1	41.1	0.0	0.0%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.8	47.7	-0.1	-0.2%
1.2%	47.6	47.7	0.1	0.2%
2.5%	47.6	47.6	0.0	0.0%
3.7%	47.5	47.5	0.0	0.0%
4.9%	47.2	47.2	0.0	0.0%
6.2%	47.1	47.1	0.0	0.0%
7.4%	47.0	47.0	0.0	0.0%
8.6%	47.0	47.0	0.0	0.0%
9.9%	47.0	47.0	0.0	0.0%
11.1%	47.0	47.0	0.0	0.0%
12.3%	46.9	47.0	0.1	0.2%
13.6%	46.8	46.8	0.0	0.0%
14.8%	46.7	46.6	-0.1	-0.2%
16.0%	46.6	46.6	0.0	0.0%
17.3%	46.5	46.6	0.1	0.2%
18.5%	46.5	46.5	0.0	0.0%
19.8%	46.3	46.3	0.0	0.0%
21.0%	46.3	46.3	0.0	0.0%
22.2%	46.2	46.2	0.0	0.0%
23.5%	46.1	46.2	0.1	0.2%
24.7%	46.1	46.2	0.1	0.2%
25.9%	46.1	46.1	0.0	0.0%
27.2%	46.1	46.1	0.0	0.0%
28.4%	46.1	46.1	0.0	0.0%
29.6%	46.1	46.0	-0.1	-0.2%
30.9%	46.0	46.0	0.0	0.0%
32.1%	45.8	45.8	0.0	0.0%
33.3%	45.7	45.8	0.1	0.2%
34.6%	45.7	45.7	0.0	0.0%
35.8%	45.7	45.7	0.0	0.0%
37.0%	45.6	45.6	0.0	0.0%
38.3%	45.5	45.6	0.1	0.2%
39.5%	45.5	45.6	0.1	0.2%
40.7%	45.5	45.5	0.0	0.0%
42.0%	45.4	45.5	0.1	0.2%
43.2%	45.4	45.5	0.1	0.2%
44.4%	45.4	45.4	0.0	0.0%
45.7%	45.3	45.4	0.1	0.2%
46.9%	45.3	45.3	0.0	0.0%
48.1%	45.3	45.3	0.0	0.0%
49.4%	45.2	45.3	0.1	0.2%
50.6%	45.2	45.2	0.0	0.0%
51.9%	45.2	45.2	0.0	0.0%
53.1%	45.2	45.2	0.0	0.0%
54.3%	45.1	45.1	0.0	0.0%
55.6%	45.1	45.1	0.0	0.0%
56.8%	44.9	44.9	0.0	0.0%
58.0%	44.8	44.9	0.1	0.2%
59.3%	44.7	44.6	-0.1	-0.2%
60.5%	44.6	44.6	0.0	0.0%
61.7%	44.6	44.6	0.0	0.0%
63.0%	44.5	44.5	0.0	0.0%
64.2%	44.4	44.4	0.0	0.0%
65.4%	44.4	44.3	-0.1	-0.2%
66.7%	44.3	44.3	0.0	0.0%
67.9%	44.3	44.3	0.0	0.0%
69.1%	44.3	44.3	0.0	0.0%
70.4%	44.3	44.1	-0.2	-0.5%
71.6%	44.2	44.0	-0.2	-0.5%
72.8%	44.0	43.9	-0.1	-0.2%
74.1%	43.9	43.9	0.0	0.0%
75.3%	43.8	43.8	0.0	0.0%
76.5%	43.6	43.8	0.2	0.5%
77.8%	43.6	43.6	0.0	0.0%
79.0%	43.5	43.5	0.0	0.0%
80.2%	43.5	43.5	0.0	0.0%
81.5%	43.4	43.5	0.1	0.2%
82.7%	43.3	43.5	0.2	0.5%
84.0%	43.3	43.4	0.1	0.2%
85.2%	43.3	43.3	0.0	0.0%
86.4%	43.0	43.0	0.0	0.0%
87.7%	42.9	43.0	0.1	0.2%
88.9%	42.8	42.8	0.0	0.0%
90.1%	42.7	42.7	0.0	0.0%
91.4%	42.6	42.6	0.0	0.0%
92.6%	42.4	42.3	-0.1	-0.2%
93.8%	42.0	42.2	0.2	0.5%
95.1%	41.6	41.6	0.0	0.0%
96.3%	41.5	41.5	0.0	0.0%
97.5%	39.7	39.7	0.0	0.0%
98.8%	39.3	39.3	0.0	0.0%
100.0%	39.3	39.3	0.0	0.0%

Table SQ-12-5b

Sacramento River at American River, Monthly Temperature
Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.8	53.7	-0.1	-0.2%
1.2%	52.8	53.1	0.3	0.6%
2.5%	52.5	53.0	0.5	1.0%
3.7%	52.3	52.2	-0.1	-0.2%
4.9%	52.2	52.1	-0.1	-0.2%
6.2%	51.9	51.8	-0.1	-0.2%
7.4%	51.7	51.8	0.1	0.2%
8.6%	51.6	51.6	0.0	0.0%
9.9%	51.5	51.6	0.1	0.2%
11.1%	51.5	51.6	0.1	0.2%
12.3%	51.3	51.3	0.0	0.0%
13.6%	51.2	51.3	0.1	0.2%
14.8%	51.2	51.3	0.1	0.2%
16.0%	51.1	51.2	0.1	0.2%
17.3%	51.0	51.0	0.0	0.0%
18.5%	51.0	51.0	0.0	0.0%
19.8%	50.9	50.9	0.0	0.0%
21.0%	50.9	50.7	-0.2	-0.4%
22.2%	50.7	50.7	0.0	0.0%
23.5%	50.7	50.7	0.0	0.0%
24.7%	50.6	50.6	0.0	0.0%
25.9%	50.6	50.5	-0.1	-0.2%
27.2%	50.6	50.5	-0.1	-0.2%
28.4%	50.5	50.4	-0.1	-0.2%
29.6%	50.3	50.3	0.0	0.0%
30.9%	50.3	50.3	0.0	0.0%
32.1%	50.2	50.2	0.0	0.0%
33.3%	50.1	50.1	0.0	0.0%
34.6%	50.0	50.0	0.0	0.0%
35.8%	49.9	50.0	0.1	0.2%
37.0%	49.8	49.9	0.1	0.2%
38.3%	49.8	49.8	0.0	0.0%
39.5%	49.7	49.8	0.1	0.2%
40.7%	49.7	49.7	0.0	0.0%
42.0%	49.6	49.6	0.0	0.0%
43.2%	49.6	49.6	0.0	0.0%
44.4%	49.5	49.6	0.1	0.2%
45.7%	49.5	49.5	0.0	0.0%
46.9%	49.5	49.5	0.0	0.0%
48.1%	49.4	49.4	0.0	0.0%
49.4%	49.4	49.4	0.0	0.0%
50.6%	49.3	49.3	0.0	0.0%
51.9%	49.3	49.3	0.0	0.0%
53.1%	49.2	49.3	0.1	0.2%
54.3%	49.2	49.2	0.0	0.0%
55.6%	49.2	49.2	0.0	0.0%
56.8%	49.2	49.2	0.0	0.0%
58.0%	49.1	49.2	0.1	0.2%
59.3%	49.1	49.1	0.0	0.0%
60.5%	49.1	49.1	0.0	0.0%
61.7%	49.0	49.1	0.1	0.2%
63.0%	49.0	49.0	0.0	0.0%
64.2%	48.9	49.0	0.1	0.2%
65.4%	48.8	48.8	0.0	0.0%
66.7%	48.8	48.8	0.0	0.0%
67.9%	48.8	48.8	0.0	0.0%
69.1%	48.8	48.8	0.0	0.0%
70.4%	48.7	48.8	0.1	0.2%
71.6%	48.7	48.7	0.0	0.0%
72.8%	48.7	48.7	0.0	0.0%
74.1%	48.6	48.6	0.0	0.0%
75.3%	48.5	48.6	0.1	0.2%
76.5%	48.5	48.5	0.0	0.0%
77.8%	48.5	48.5	0.0	0.0%
79.0%	48.4	48.4	0.0	0.0%
80.2%	48.4	48.4	0.0	0.0%
81.5%	48.4	48.3	-0.1	-0.2%
82.7%	48.2	48.1	-0.1	-0.2%
84.0%	48.1	48.1	0.0	0.0%
85.2%	48.1	48.1	0.0	0.0%
86.4%	48.1	48.0	-0.1	-0.2%
87.7%	48.0	48.0	0.0	0.0%
88.9%	47.9	47.9	0.0	0.0%
90.1%	47.8	47.9	0.1	0.2%
91.4%	47.6	47.6	0.0	0.0%
92.6%	47.4	47.4	0.0	0.0%
93.8%	47.3	47.4	0.1	0.2%
95.1%	47.2	47.2	0.0	0.0%
96.3%	47.1	47.2	0.1	0.2%
97.5%	47.0	47.0	0.0	0.0%
98.8%	46.3	46.3	0.0	0.0%
100.0%	46.3	46.3	0.0	0.0%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.5	60.4	-0.1	-0.2%
1.2%	59.3	59.3	0.0	0.0%
2.5%	57.9	58.0	0.1	0.2%
3.7%	57.8	57.9	0.1	0.2%
4.9%	57.8	57.9	0.1	0.2%
6.2%	57.5	57.8	0.3	0.5%
7.4%	57.3	57.7	0.4	0.7%
8.6%	57.2	57.3	0.1	0.2%
9.9%	57.2	57.2	0.0	0.0%
11.1%	56.7	57.0	0.3	0.5%
12.3%	56.7	57.0	0.3	0.5%
13.6%	56.5	56.8	0.3	0.5%
14.8%	56.4	56.7	0.3	0.5%
16.0%	56.2	56.4	0.2	0.4%
17.3%	56.1	56.3	0.2	0.4%
18.5%	56.1	56.2	0.1	0.2%
19.8%	56.1	56.2	0.1	0.2%
21.0%	56.1	56.1	0.0	0.0%
22.2%	56.0	56.1	0.1	0.2%
23.5%	55.9	56.1	0.2	0.4%
24.7%	55.7	55.9	0.2	0.4%
25.9%	55.5	55.6	0.1	0.2%
27.2%	55.4	55.6	0.2	0.4%
28.4%	55.3	55.5	0.2	0.4%
29.6%	55.2	55.5	0.3	0.5%
30.9%	55.2	55.3	0.1	0.2%
32.1%	55.1	55.3	0.2	0.4%
33.3%	55.1	55.3	0.2	0.4%
34.6%	55.1	55.2	0.1	0.2%
35.8%	55.1	55.1	0.0	0.0%
37.0%	55.1	55.0	-0.1	-0.2%
38.3%	55.0	55.0	0.0	0.0%
39.5%	54.9	54.9	0.0	0.0%
40.7%	54.9	54.9	0.0	0.0%
42.0%	54.7	54.9	0.2	0.4%
43.2%	54.6	54.9	0.3	0.5%
44.4%	54.5	54.7	0.2	0.4%
45.7%	54.4	54.4	0.0	0.0%
46.9%	54.3	54.4	0.1	0.2%
48.1%	54.3	54.4	0.1	0.2%
49.4%	54.2	54.4	0.2	0.4%
50.6%	54.2	54.3	0.1	0.2%
51.9%	54.1	54.3	0.2	0.4%
53.1%	54.1	54.2	0.1	0.2%
54.3%	54.0	54.2	0.2	0.4%
55.6%	54.0	54.1	0.1	0.2%
56.8%	53.9	54.0	0.1	0.2%
58.0%	53.9	54.0	0.1	0.2%
59.3%	53.8	54.0	0.2	0.4%
60.5%	53.8	54.0	0.2	0.4%
61.7%	53.8	53.9	0.1	0.2%
63.0%	53.8	53.9	0.1	0.2%
64.2%	53.7	53.7	0.0	0.0%
65.4%	53.6	53.6	0.0	0.0%
66.7%	53.5	53.5	0.0	0.0%
67.9%	53.2	53.5	0.3	0.6%
69.1%	53.2	53.5	0.3	0.6%
70.4%	53.1	53.1	0.0	0.0%
71.6%	53.1	53.1	0.0	0.0%
72.8%	52.9	53.1	0.2	0.4%
74.1%	52.8	52.9	0.1	0.2%
75.3%	52.6	52.8	0.2	0.4%
76.5%	52.5	52.7	0.2	0.4%
77.8%	52.5	52.6	0.1	0.2%
79.0%	52.4	52.5	0.1	0.2%
80.2%	52.4	52.4	0.0	0.0%
81.5%	52.4	52.4	0.0	0.0%
82.7%	52.2	52.3	0.1	0.2%
84.0%	52.1	52.2	0.1	0.2%
85.2%	52.0	52.1	0.1	0.2%
86.4%	52.0	52.1	0.1	0.2%
87.7%	52.0	52.1	0.1	0.2%
88.9%	52.0	52.0	0.0	0.0%
90.1%	51.9	52.0	0.1	0.2%
91.4%	51.7	51.9	0.2	0.4%
92.6%	51.6	51.6	0.0	0.0%
93.8%	51.6	51.6	0.0	0.0%
95.1%	51.4	51.4	0.0	0.0%
96.3%	51.3	51.4	0.1	0.2%
97.5%	51.3	51.3	0.0	0.0%
98.8%	51.0	51.0	0.0	0.0%
100.0%	51.0	51.0	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.4	65.8	0.4	0.6%
1.2%	65.4	65.3	-0.1	-0.2%
2.5%	65.2	65.2	0.0	0.0%
3.7%	64.6	64.8	0.2	0.3%
4.9%	64.6	64.7	0.1	0.2%
6.2%	64.4	64.4	0.0	0.0%
7.4%	64.3	64.4	0.1	0.2%
8.6%	64.1	64.2	0.1	0.2%
9.9%	64.0	64.1	0.1	0.2%
11.1%	63.9	64.0	0.1	0.2%
12.3%	63.6	63.8	0.2	0.3%
13.6%	63.2	63.3	0.1	0.2%
14.8%	63.2	63.2	0.0	0.0%
16.0%	63.0	63.1	0.1	0.2%
17.3%	63.0	63.1	0.1	0.2%
18.5%	62.9	63.1	0.2	0.3%
19.8%	62.9	63.1	0.2	0.3%
21.0%	62.8	63.0	0.2	0.3%
22.2%	62.7	62.8	0.1	0.2%
23.5%	62.6	62.6	0.0	0.0%
24.7%	62.5	62.6	0.1	0.2%
25.9%	62.5	62.4	-0.1	-0.2%
27.2%	62.3	62.3	0.0	0.0%
28.4%	62.1	62.3	0.2	0.3%
29.6%	62.1	62.3	0.2	0.3%
30.9%	62.0	62.1	0.1	0.2%
32.1%	61.9	62.0	0.1	0.2%
33.3%	61.6	61.6	0.0	0.0%
34.6%	61.5	61.5	0.0	0.0%
35.8%	61.4	61.5	0.1	0.2%
37.0%	61.4	61.5	0.1	0.2%
38.3%	61.3	61.4	0.1	0.2%
39.5%	61.2	61.4	0.2	0.3%
40.7%	61.2	61.3	0.1	0.2%
42.0%	61.2	61.3	0.1	0.2%
43.2%	61.1	61.3	0.2	0.3%
44.4%	60.9	61.2	0.3	0.5%
45.7%	60.9	61.0	0.1	0.2%
46.9%	60.8	61.0	0.2	0.3%
48.1%	60.8	60.9	0.1	0.2%
49.4%	60.8	60.9	0.1	0.2%
50.6%	60.8	60.8	0.0	0.0%
51.9%	60.7	60.7	0.0	0.0%
53.1%	60.6	60.7	0.1	0.2%
54.3%	60.6	60.7	0.1	0.2%
55.6%	60.6	60.7	0.1	0.2%
56.8%	60.5	60.6	0.1	0.2%
58.0%	60.5	60.6	0.1	0.2%
59.3%	60.1	60.1	0.0	0.0%
60.5%	60.0	60.0	0.0	0.0%
61.7%	59.6	60.0	0.4	0.7%
63.0%	59.6	59.7	0.1	0.2%
64.2%	59.6	59.7	0.1	0.2%
65.4%	59.6	59.6	0.0	0.0%
66.7%	59.5	59.6	0.1	0.2%
67.9%	59.3	59.4	0.1	0.2%
69.1%	59.3	59.3	0.0	0.0%
70.4%	59.2	59.2	0.0	0.0%
71.6%	59.1	59.2	0.1	0.2%
72.8%	59.1	59.0	-0.1	-0.2%
74.1%	59.0	59.0	0.0	0.0%
75.3%	58.5	58.6	0.1	0.2%
76.5%	58.4	58.5	0.1	0.2%
77.8%	58.4	58.4	0.0	0.0%
79.0%	58.4	58.4	0.0	0.0%
80.2%	57.8	58.1	0.3	0.5%
81.5%	57.7	57.8	0.1	0.2%
82.7%	57.6	57.7	0.1	0.2%
84.0%	57.5	57.6	0.1	0.2%
85.2%	57.5	57.5	0.0	0.0%
86.4%	57.4	57.5	0.1	0.2%
87.7%	57.4	57.5	0.1	0.2%
88.9%	57.3	57.4	0.1	0.2%
90.1%	57.2	57.3	0.1	0.2%
91.4%	57.2	57.2	0.0	0.0%
92.6%	56.5	56.8	0.3	0.5%
93.8%	56.3	56.3	0.0	0.0%
95.1%	56.2	56.3	0.1	0.2%
96.3%	56.1	56.1	0.0	0.0%
97.5%	55.0	55.0	0.0	0.0%
98.8%	54.2	54.3	0.1	0.2%
100.0%	54.2	54.3	0.1	0.2%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.4	73.7	0.3	0.4%
1.2%	71.9	72.2	0.3	0.4%
2.5%	71.0	71.0	0.0	0.0%
3.7%	70.6	70.8	0.2	0.3%
4.9%	70.1	70.1	0.0	0.0%
6.2%	69.7	69.9	0.2	0.3%
7.4%	69.6	69.8	0.2	0.3%
8.6%	69.4	69.6	0.2	0.3%
9.9%	68.9	68.9	0.0	0.0%
11.1%	68.8	68.9	0.1	0.1%
12.3%	68.6	68.4	-0.2	-0.3%
13.6%	68.4	68.4	0.0	0.0%
14.8%	68.3	68.3	0.0	0.0%
16.0%	68.1	68.2	0.1	0.1%
17.3%	68.1	68.2	0.1	0.1%
18.5%	67.9	68.2	0.3	0.4%
19.8%	67.9	68.1	0.2	0.3%
21.0%	67.8	67.9	0.1	0.1%
22.2%	67.6	67.8	0.2	0.3%
23.5%	67.6	67.8	0.2	0.3%
24.7%	67.4	67.6	0.2	0.3%
25.9%	67.3	67.4	0.1	0.1%
27.2%	67.2	67.2	0.0	0.0%
28.4%	67.2	67.2	0.0	0.0%
29.6%	67.1	67.2	0.1	0.1%
30.9%	67.1	67.1	0.0	0.0%
32.1%	67.1	67.0	-0.1	-0.1%
33.3%	67.0	67.0	0.0	0.0%
34.6%	66.9	67.0	0.1	0.1%
35.8%	66.9	66.9	0.0	0.0%
37.0%	66.8	66.9	0.1	0.1%
38.3%	66.8	66.9	0.1	0.1%
39.5%	66.8	66.7	-0.1	-0.1%
40.7%	66.7	66.7	0.0	0.0%
42.0%	66.6	66.6	0.0	0.0%
43.2%	66.6	66.5	-0.1	-0.2%
44.4%	66.5	66.5	0.0	0.0%
45.7%	66.5	66.5	0.0	0.0%
46.9%	66.2	66.5	0.3	0.5%
48.1%	66.2	66.4	0.2	0.3%
49.4%	66.1	66.3	0.2	0.3%
50.6%	66.0	66.1	0.1	0.2%
51.9%	65.9	66.0	0.1	0.2%
53.1%	65.9	65.9	0.0	0.0%
54.3%	65.8	65.9	0.1	0.2%
55.6%	65.7	65.9	0.2	0.3%
56.8%	65.7	65.7	0.0	0.0%
58.0%	65.2	65.4	0.2	0.3%
59.3%	65.1	65.3	0.2	0.3%
60.5%	65.1	65.1	0.0	0.0%
61.7%	65.0	65.0	0.0	0.0%
63.0%	65.0	65.0	0.0	0.0%
64.2%	64.9	64.9	0.0	0.0%
65.4%	64.8	64.9	0.1	0.2%
66.7%	64.6	64.7	0.1	0.2%
67.9%	64.6	64.6	0.0	0.0%
69.1%	64.5	64.5	0.0	0.0%
70.4%	64.3	64.5	0.2	0.3%
71.6%	64.2	64.3	0.1	0.2%
72.8%	64.2	64.2	0.0	0.0%
74.1%	63.9	63.9	0.0	0.0%
75.3%	63.8	63.9	0.1	0.2%
76.5%	63.6	63.8	0.2	0.3%
77.8%	63.6	63.6	0.0	0.0%
79.0%	63.5	63.5	0.0	0.0%
80.2%	63.4	63.5	0.1	0.2%
81.5%	63.3	63.4	0.1	0.2%
82.7%	63.1	63.2	0.1	0.2%
84.0%	63.0	63.1	0.1	0.2%
85.2%	63.0	63.0	0.0	0.0%
86.4%	62.9	62.9	0.0	0.0%
87.7%	62.7	62.8	0.1	0.2%
88.9%	62.7	62.8	0.1	0.2%
90.1%	62.6	62.8	0.2	0.3%
91.4%	62.5	62.7	0.2	0.3%
92.6%	62.5	62.6	0.1	0.2%
93.8%	62.2	62.5	0.3	0.5%
95.1%	62.1	62.2	0.1	0.2%
96.3%	61.3	61.3	0.0	0.0%
97.5%	61.2	61.3	0.1	0.2%
98.8%	60.1	60.1	0.0	0.0%
100.0%	60.1	60.1	0.0	0.0%

Table SQ-12-5b

Sacramento River at American River, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	74.2	74.5	0.3	0.4%
1.2%	73.9	73.9	0.0	0.0%
2.5%	73.5	73.6	0.1	0.1%
3.7%	73.1	73.4	0.3	0.4%
4.9%	73.0	73.1	0.1	0.1%
6.2%	72.9	73.1	0.2	0.3%
7.4%	72.8	72.9	0.1	0.1%
8.6%	72.7	72.8	0.1	0.1%
9.9%	72.4	72.6	0.2	0.3%
11.1%	72.3	72.5	0.2	0.3%
12.3%	72.2	72.2	0.0	0.0%
13.6%	72.2	72.2	0.0	0.0%
14.8%	72.2	72.2	0.0	0.0%
16.0%	72.1	72.1	0.0	0.0%
17.3%	72.0	72.1	0.1	0.1%
18.5%	71.9	72.1	0.2	0.3%
19.8%	71.6	71.9	0.3	0.4%
21.0%	71.5	71.5	0.0	0.0%
22.2%	71.5	71.5	0.0	0.0%
23.5%	71.3	71.5	0.2	0.3%
24.7%	71.2	71.4	0.2	0.3%
25.9%	71.2	71.3	0.1	0.1%
27.2%	71.2	71.3	0.1	0.1%
28.4%	71.1	71.3	0.2	0.3%
29.6%	71.1	71.2	0.1	0.1%
30.9%	71.0	71.1	0.1	0.1%
32.1%	70.9	71.1	0.2	0.3%
33.3%	70.9	71.0	0.1	0.1%
34.6%	70.9	71.0	0.1	0.1%
35.8%	70.8	70.8	0.0	0.0%
37.0%	70.8	70.8	0.0	0.0%
38.3%	70.8	70.6	-0.2	-0.3%
39.5%	70.7	70.6	-0.1	-0.1%
40.7%	70.7	70.6	-0.1	-0.1%
42.0%	70.6	70.5	-0.1	-0.1%
43.2%	70.6	70.5	-0.1	-0.1%
44.4%	70.6	70.5	-0.1	-0.1%
45.7%	70.5	70.5	0.0	0.0%
46.9%	70.5	70.4	-0.1	-0.1%
48.1%	70.5	70.4	-0.1	-0.1%
49.4%	70.4	70.3	-0.1	-0.1%
50.6%	70.3	70.3	0.0	0.0%
51.9%	70.3	70.2	-0.1	-0.1%
53.1%	70.2	70.1	-0.1	-0.1%
54.3%	70.2	70.0	-0.2	-0.3%
55.6%	70.1	70.0	-0.1	-0.1%
56.8%	70.1	69.9	-0.2	-0.3%
58.0%	70.0	69.8	-0.2	-0.3%
59.3%	70.0	69.8	-0.2	-0.3%
60.5%	69.8	69.7	-0.1	-0.1%
61.7%	69.8	69.7	-0.1	-0.1%
63.0%	69.8	69.5	-0.3	-0.4%
64.2%	69.7	69.5	-0.2	-0.3%
65.4%	69.6	69.4	-0.2	-0.3%
66.7%	69.5	69.4	-0.1	-0.1%
67.9%	69.4	69.4	0.0	0.0%
69.1%	69.3	69.3	0.0	0.0%
70.4%	69.3	69.3	0.0	0.0%
71.6%	69.2	69.3	0.1	0.1%
72.8%	69.1	69.3	0.2	0.3%
74.1%	69.1	69.1	0.0	0.0%
75.3%	69.1	69.1	0.0	0.0%
76.5%	68.9	69.0	0.1	0.1%
77.8%	68.7	68.7	0.0	0.0%
79.0%	68.7	68.6	-0.1	-0.1%
80.2%	68.6	68.5	-0.1	-0.1%
81.5%	68.4	68.3	-0.1	-0.1%
82.7%	68.4	68.3	-0.1	-0.1%
84.0%	68.2	68.1	-0.1	-0.1%
85.2%	68.1	68.1	0.0	0.0%
86.4%	67.8	67.8	0.0	0.0%
87.7%	67.6	67.4	-0.2	-0.3%
88.9%	67.4	67.4	0.0	0.0%
90.1%	67.2	67.4	0.2	0.3%
91.4%	67.2	67.1	-0.1	-0.1%
92.6%	66.7	66.6	-0.1	-0.1%
93.8%	66.6	66.6	0.0	0.0%
95.1%	66.6	66.6	0.0	0.0%
96.3%	66.4	66.4	0.0	0.0%
97.5%	66.4	66.4	0.0	0.0%
98.8%	65.6	65.4	-0.2	-0.3%
100.0%	65.6	65.4	-0.2	-0.3%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	77.2	77.5	0.3	0.4%
1.2%	76.2	76.1	-0.1	-0.1%
2.5%	76.1	75.8	-0.3	-0.4%
3.7%	74.8	74.4	-0.4	-0.5%
4.9%	74.5	74.4	-0.1	-0.1%
6.2%	74.2	74.3	0.1	0.1%
7.4%	74.0	74.0	0.0	0.0%
8.6%	73.7	74.0	0.3	0.4%
9.9%	73.6	73.5	-0.1	-0.1%
11.1%	73.6	73.3	-0.3	-0.4%
12.3%	73.5	73.3	-0.2	-0.3%
13.6%	73.5	73.3	-0.2	-0.3%
14.8%	73.4	73.2	-0.2	-0.3%
16.0%	73.3	73.2	-0.1	-0.1%
17.3%	73.2	73.2	0.0	0.0%
18.5%	73.2	73.2	0.0	0.0%
19.8%	73.1	73.1	0.0	0.0%
21.0%	73.1	73.1	0.0	0.0%
22.2%	73.1	73.1	0.0	0.0%
23.5%	73.1	73.0	-0.1	-0.1%
24.7%	73.1	73.0	-0.1	-0.1%
25.9%	73.0	73.0	0.0	0.0%
27.2%	73.0	72.9	-0.1	-0.1%
28.4%	73.0	72.9	-0.1	-0.1%
29.6%	72.9	72.7	-0.2	-0.3%
30.9%	72.9	72.7	-0.2	-0.3%
32.1%	72.9	72.7	-0.2	-0.3%
33.3%	72.9	72.6	-0.3	-0.4%
34.6%	72.8	72.6	-0.2	-0.3%
35.8%	72.8	72.6	-0.2	-0.3%
37.0%	72.7	72.5	-0.2	-0.3%
38.3%	72.6	72.5	-0.1	-0.1%
39.5%	72.6	72.4	-0.2	-0.3%
40.7%	72.5	72.4	-0.1	-0.1%
42.0%	72.4	72.3	-0.1	-0.1%
43.2%	72.4	72.2	-0.2	-0.3%
44.4%	72.4	72.1	-0.3	-0.4%
45.7%	72.3	72.1	-0.2	-0.3%
46.9%	72.3	72.1	-0.2	-0.3%
48.1%	72.2	72.0	-0.2	-0.3%
49.4%	72.2	71.9	-0.3	-0.4%
50.6%	72.2	71.9	-0.3	-0.4%
51.9%	72.2	71.8	-0.4	-0.6%
53.1%	72.1	71.8	-0.3	-0.4%
54.3%	72.1	71.7	-0.4	-0.6%
55.6%	72.0	71.7	-0.3	-0.4%
56.8%	71.8	71.7	-0.1	-0.1%
58.0%	71.8	71.6	-0.2	-0.3%
59.3%	71.7	71.5	-0.2	-0.3%
60.5%	71.6	71.5	-0.1	-0.1%
61.7%	71.6	71.5	-0.1	-0.1%
63.0%	71.6	71.4	-0.2	-0.3%
64.2%	71.5	71.3	-0.2	-0.3%
65.4%	71.5	71.3	-0.2	-0.3%
66.7%	71.5	71.3	-0.2	-0.3%
67.9%	71.4	71.2	-0.2	-0.3%
69.1%	71.4	71.1	-0.3	-0.4%
70.4%	71.4	71.1	-0.3	-0.4%
71.6%	71.4	71.1	-0.3	-0.4%
72.8%	71.4	71.1	-0.3	-0.4%
74.1%	71.3	71.0	-0.3	-0.4%
75.3%	71.3	70.9	-0.4	-0.6%
76.5%	71.3	70.9	-0.4	-0.6%
77.8%	71.2	70.9	-0.3	-0.4%
79.0%	71.1	70.8	-0.3	-0.4%
80.2%	71.1	70.7	-0.4	-0.6%
81.5%	71.0	70.6	-0.4	-0.6%
82.7%	70.9	70.6	-0.3	-0.4%
84.0%	70.8	70.6	-0.2	-0.3%
85.2%	70.7	70.4	-0.3	-0.4%
86.4%	70.6	70.2	-0.4	-0.6%
87.7%	70.5	70.1	-0.4	-0.6%
88.9%	70.3	69.8	-0.5	-0.7%
90.1%	70.2	69.8	-0.4	-0.6%
91.4%	70.1	69.6	-0.5	-0.7%
92.6%	70.0	69.6	-0.4	-0.6%
93.8%	70.0	69.3	-0.7	-1.0%
95.1%	69.7	68.9	-0.8	-1.1%
96.3%	69.2	68.7	-0.5	-0.7%
97.5%	68.9	68.6	-0.3	-0.4%
98.8%	68.9	68.6	-0.3	-0.4%
100.0%	68.9	68.6	-0.3	-0.4%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	75.0	74.6	-0.4	-0.5%
1.2%	74.8	74.6	-0.2	-0.3%
2.5%	74.7	74.5	-0.2	-0.3%
3.7%	74.7	74.5	-0.2	-0.3%
4.9%	74.5	74.3	-0.2	-0.3%
6.2%	74.2	74.1	-0.1	-0.1%
7.4%	74.1	73.9	-0.2	-0.3%
8.6%	74.1	73.9	-0.2	-0.3%
9.9%	74.0	73.7	-0.3	-0.4%
11.1%	74.0	73.6	-0.4	-0.5%
12.3%	73.9	73.6	-0.3	-0.4%
13.6%	73.7	73.5	-0.2	-0.3%
14.8%	73.5	73.5	0.0	0.0%
16.0%	73.4	73.5	0.1	0.1%
17.3%	73.4	73.1	-0.3	-0.4%
18.5%	73.3	72.9	-0.4	-0.5%
19.8%	73.2	72.9	-0.3	-0.4%
21.0%	73.2	72.7	-0.5	-0.7%
22.2%	72.9	72.7	-0.2	-0.3%
23.5%	72.9	72.5	-0.4	-0.5%
24.7%	72.8	72.5	-0.3	-0.4%
25.9%	72.8	72.5	-0.3	-0.4%
27.2%	72.7	72.3	-0.4	-0.6%
28.4%	72.7	72.3	-0.4	-0.6%
29.6%	72.7	72.3	-0.4	-0.6%
30.9%	72.7	72.2	-0.5	-0.7%
32.1%	72.6	72.2	-0.4	-0.6%
33.3%	72.6	72.1	-0.5	-0.7%
34.6%	72.5	72.1	-0.4	-0.6%
35.8%	72.4	72.1	-0.3	-0.4%
37.0%	72.2	72.1	-0.1	-0.1%
38.3%	72.2	72.0	-0.2	-0.3%
39.5%	72.2	71.9	-0.3	-0.4%
40.7%	72.2	71.8	-0.4	-0.6%
42.0%	72.2	71.8	-0.4	-0.6%
43.2%	72.0	71.8	-0.2	-0.3%
44.4%	71.9	71.7	-0.2	-0.3%
45.7%	71.9	71.6	-0.3	-0.4%
46.9%	71.9	71.5	-0.4	-0.6%
48.1%	71.8	71.4	-0.4	-0.6%
49.4%	71.6	71.3	-0.3	-0.4%
50.6%	71.5	71.3	-0.2	-0.3%
51.9%	71.4	71.3	-0.1	-0.1%
53.1%	71.4	71.2	-0.2	-0.3%
54.3%	71.3	71.2	-0.1	-0.1%
55.6%	71.2	71.2	0.0	0.0%
56.8%	71.1	71.1	0.0	0.0%
58.0%	71.1	71.0	-0.1	-0.1%
59.3%	71.1	71.0	-0.1	-0.1%
60.5%	71.1	70.9	-0.2	-0.3%
61.7%	71.0	70.9	-0.1	-0.1%
63.0%	71.0	70.9	-0.1	-0.1%
64.2%	71.0	70.8	-0.2	-0.3%
65.4%	70.9	70.8	-0.1	-0.1%
66.7%	70.9	70.8	-0.1	-0.1%
67.9%	70.8	70.8	0.0	0.0%
69.1%	70.7	70.8	0.1	0.1%
70.4%	70.7	70.8	0.1	0.1%
71.6%	70.6	70.7	0.1	0.1%
72.8%	70.6	70.6	0.0	0.0%
74.1%	70.5	70.6	0.1	0.1%
75.3%	70.5	70.6	0.1	0.1%
76.5%	70.5	70.6	0.1	0.1%
77.8%	70.5	70.5	0.0	0.0%
79.0%	70.5	70.4	-0.1	-0.1%
80.2%	70.4	70.4	0.0	0.0%
81.5%	70.4	70.4	0.0	0.0%
82.7%	70.4	70.3	-0.1	-0.1%
84.0%	70.2	70.2	0.0	0.0%
85.2%	70.2	70.1	-0.1	-0.1%
86.4%	70.1	70.0	-0.1	-0.1%
87.7%	70.0	70.0	0.0	0.0%
88.9%	70.0	70.0	0.0	0.0%
90.1%	69.9	70.0	0.1	0.1%
91.4%	69.9	69.9	0.0	0.0%
92.6%	69.7	69.9	0.2	0.3%
93.8%	69.5	69.8	0.3	0.4%
95.1%	69.4	69.4	0.0	0.0%
96.3%	69.1	69.2	0.1	0.1%
97.5%	69.1	69.0	-0.1	-0.1%
98.8%	68.6	68.8	0.2	0.3%
100.0%	68.6	68.8	0.2	0.3%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.1	72.7	-0.4	-0.5%
1.2%	71.4	71.4	0.0	0.0%
2.5%	71.3	71.4	0.1	0.1%
3.7%	71.3	71.1	-0.2	-0.3%
4.9%	71.1	71.0	-0.1	-0.1%
6.2%	71.1	70.7	-0.4	-0.6%
7.4%	71.0	70.5	-0.5	-0.7%
8.6%	71.0	70.3	-0.7	-1.0%
9.9%	70.8	70.1	-0.7	-1.0%
11.1%	70.8	70.0	-0.8	-1.1%
12.3%	70.6	69.9	-0.7	-1.0%
13.6%	70.4	69.9	-0.5	-0.7%
14.8%	70.3	69.9	-0.4	-0.6%
16.0%	70.3	69.8	-0.5	-0.7%
17.3%	70.3	69.6	-0.7	-1.0%
18.5%	70.0	69.5	-0.5	-0.7%
19.8%	69.9	69.5	-0.4	-0.6%
21.0%	69.9	69.3	-0.6	-0.9%
22.2%	69.8	69.2	-0.6	-0.9%
23.5%	69.7	69.1	-0.6	-0.9%
24.7%	69.3	69.1	-0.2	-0.3%
25.9%	69.3	69.1	-0.2	-0.3%
27.2%	69.2	69.0	-0.2	-0.3%
28.4%	69.1	69.0	-0.1	-0.1%
29.6%	69.1	69.0	-0.1	-0.1%
30.9%	69.1	68.9	-0.2	-0.3%
32.1%	69.1	68.9	-0.2	-0.3%
33.3%	68.9	68.7	-0.2	-0.3%
34.6%	68.9	68.7	-0.2	-0.3%
35.8%	68.9	68.7	-0.2	-0.3%
37.0%	68.7	68.4	-0.3	-0.4%
38.3%	68.7	68.3	-0.4	-0.6%
39.5%	68.7	68.3	-0.4	-0.6%
40.7%	68.3	68.1	-0.2	-0.3%
42.0%	68.3	68.0	-0.3	-0.4%
43.2%	68.2	67.9	-0.3	-0.4%
44.4%	68.1	67.9	-0.2	-0.3%
45.7%	68.1	67.8	-0.3	-0.4%
46.9%	68.1	67.7	-0.4	-0.6%
48.1%	68.1	67.6	-0.5	-0.7%
49.4%	67.8	67.6	-0.2	-0.3%
50.6%	67.7	67.6	-0.1	-0.1%
51.9%	67.7	67.5	-0.2	-0.3%
53.1%	67.6	67.5	-0.1	-0.1%
54.3%	67.6	67.2	-0.4	-0.6%
55.6%	67.5	67.1	-0.4	-0.6%
56.8%	67.5	66.9	-0.6	-0.9%
58.0%	67.3	66.8	-0.5	-0.7%
59.3%	67.3	66.8	-0.5	-0.7%
60.5%	67.3	66.7	-0.6	-0.9%
61.7%	67.2	66.7	-0.5	-0.7%
63.0%	67.2	66.7	-0.5	-0.7%
64.2%	66.9	66.6	-0.3	-0.4%
65.4%	66.9	66.6	-0.3	-0.4%
66.7%	66.9	66.6	-0.3	-0.4%
67.9%	66.8	66.5	-0.3	-0.4%
69.1%	66.7	66.4	-0.3	-0.4%
70.4%	66.7	66.4	-0.3	-0.4%
71.6%	66.5	66.4	-0.1	-0.2%
72.8%	66.4	66.3	-0.1	-0.2%
74.1%	66.4	66.3	-0.1	-0.2%
75.3%	66.4	66.3	-0.1	-0.2%
76.5%	66.4	66.3	-0.1	-0.2%
77.8%	66.3	66.3	0.0	0.0%
79.0%	66.3	66.2	-0.1	-0.2%
80.2%	66.2	66.0	-0.2	-0.3%
81.5%	66.2	66.0	-0.2	-0.3%
82.7%	66.0	66.0	0.0	0.0%
84.0%	65.9	65.9	0.0	0.0%
85.2%	65.9	65.7	-0.2	-0.3%
86.4%	65.8	65.6	-0.2	-0.3%
87.7%	65.3	65.6	0.3	0.5%
88.9%	65.2	65.6	0.4	0.6%
90.1%	65.2	65.4	0.2	0.3%
91.4%	65.0	64.4	-0.6	-0.9%
92.6%	64.7	64.3	-0.4	-0.6%
93.8%	64.0	63.8	-0.2	-0.3%
95.1%	63.9	63.6	-0.3	-0.5%
96.3%	63.5	63.3	-0.2	-0.3%
97.5%	63.0	63.0	0.0	0.0%
98.8%	62.7	62.7	0.0	0.0%
100.0%	62.7	62.7	0.0	0.0%

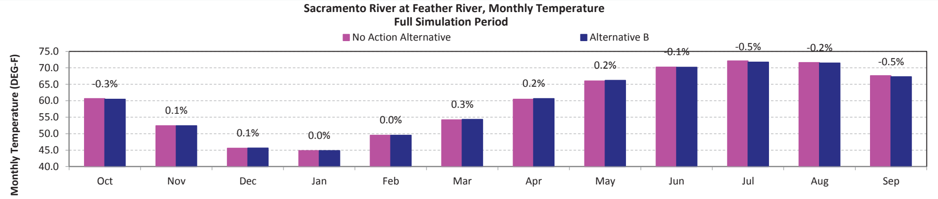
Table SQ-13-5a
Sacramento River at Feather River, Monthly Temperature
Long-term Average and Average by Water Year Type

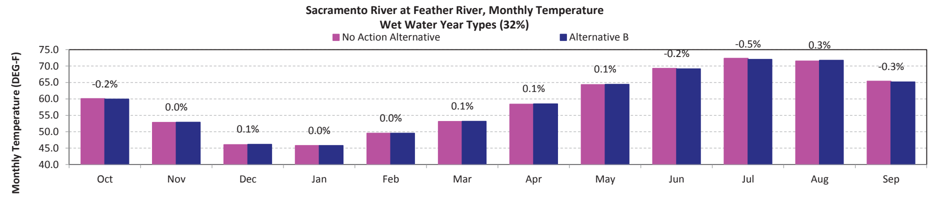
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	60.6	52.4	45.6	44.8	49.5	54.2	60.5	66.0	70.3	72.1	71.6	67.6
Alternative B	60.5	52.4	45.6	44.8	49.5	54.3	60.6	66.2	70.2	71.7	71.5	67.3
Difference	-0.2	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.0	-0.4	-0.1	-0.3
Percent Difference[3]	-0.3%	0.1%	0.1%	0.0%	0.0%	0.3%	0.2%	0.2%	-0.1%	-0.5%	-0.2%	-0.5%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	60.1	52.9	46.1	45.8	49.5	53.1	58.4	64.3	69.3	72.4	71.5	65.4
Alternative B	59.9	52.9	46.1	45.8	49.5	53.2	58.5	64.4	69.2	72.0	71.8	65.2
Difference	-0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.1	-0.1	-0.3	0.2	-0.2
Percent Difference	-0.2%	0.0%	0.1%	0.0%	0.0%	0.1%	0.1%	0.1%	-0.2%	-0.5%	0.3%	-0.3%
Above Normal (15%)												
No Action Alternative	60.1	51.4	45.4	44.9	49.3	53.8	60.4	66.4	70.5	71.2	70.6	66.5
Alternative B	59.9	51.5	45.5	44.9	49.3	54.0	60.6	66.5	70.5	70.6	70.5	66.4
Difference	-0.2	0.1	0.0	0.0	0.0	0.1	0.1	0.2	0.1	-0.7	-0.1	-0.1
Percent Difference	-0.3%	0.2%	0.1%	0.0%	0.0%	0.2%	0.2%	0.3%	0.1%	-0.9%	-0.1%	-0.2%
Below Normal (17%)												
No Action Alternative	60.5	52.3	45.6	44.2	48.9	54.3	61.0	66.4	70.5	72.2	71.6	69.2
Alternative B	60.3	52.4	45.6	44.2	48.9	54.6	61.2	66.6	70.6	71.7	71.6	68.9
Difference	-0.2	0.1	0.1	0.0	0.0	0.2	0.2	0.2	0.1	-0.5	-0.1	-0.3
Percent Difference	-0.4%	0.2%	0.1%	-0.1%	0.0%	0.4%	0.3%	0.3%	0.2%	-0.6%	-0.1%	-0.4%
Dry (22%)												
No Action Alternative	60.8	52.4	45.5	44.0	49.4	54.9	61.8	67.0	71.3	71.7	71.1	68.8
Alternative B	60.7	52.4	45.6	44.0	49.4	55.1	62.0	67.1	71.4	71.2	70.7	68.3
Difference	-0.1	0.0	0.1	0.0	0.0	0.2	0.2	0.1	0.1	-0.4	-0.4	-0.5
Percent Difference	-0.2%	0.1%	0.2%	0.1%	0.0%	0.4%	0.4%	0.2%	0.1%	-0.6%	-0.5%	-0.7%
Critical (15%)												
No Action Alternative	62.3	52.4	44.6	44.5	50.4	55.5	62.5	67.3	70.2	73.2	73.1	69.7
Alternative B	62.2	52.3	44.6	44.5	50.5	55.6	62.6	67.5	69.9	73.1	72.4	69.2
Difference	-0.1	0.0	0.0	0.0	0.1	0.2	0.2	0.2	-0.4	-0.1	-0.7	-0.5
Percent Difference	-0.2%	-0.1%	0.1%	0.1%	0.2%	0.3%	0.3%	0.3%	-0.5%	-0.1%	-0.9%	-0.7%

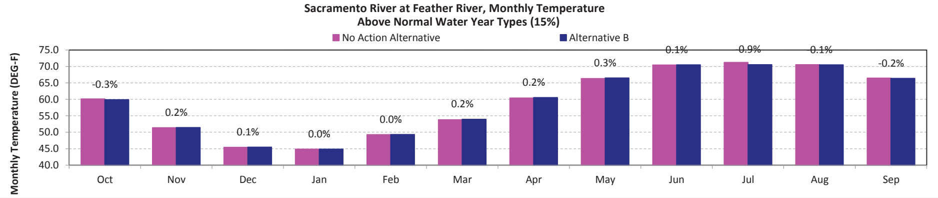
1 Based on the 82-year simulation period

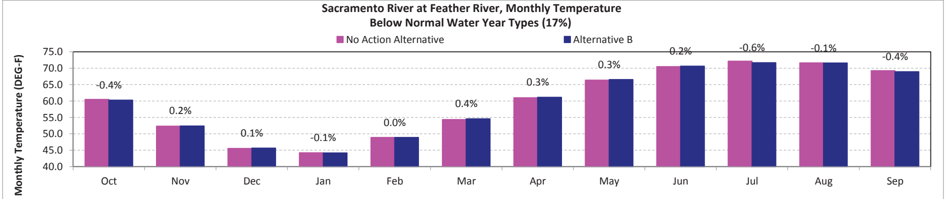
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

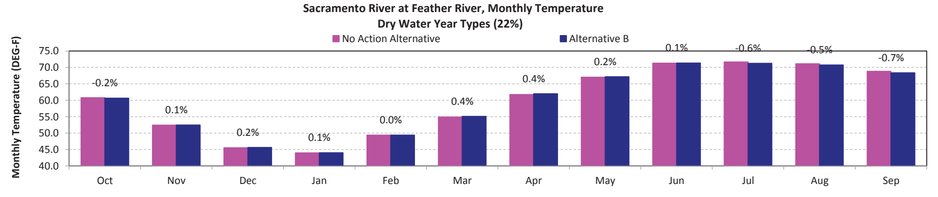
3 Relative difference of the monthly average











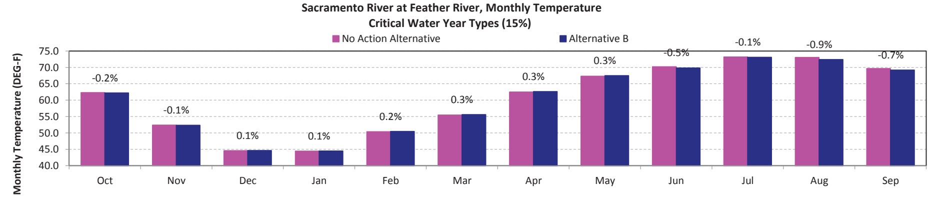


Figure SQ-13-5b
Sacramento River at Feather River, Monthly Temperature
Probability of Exceedance

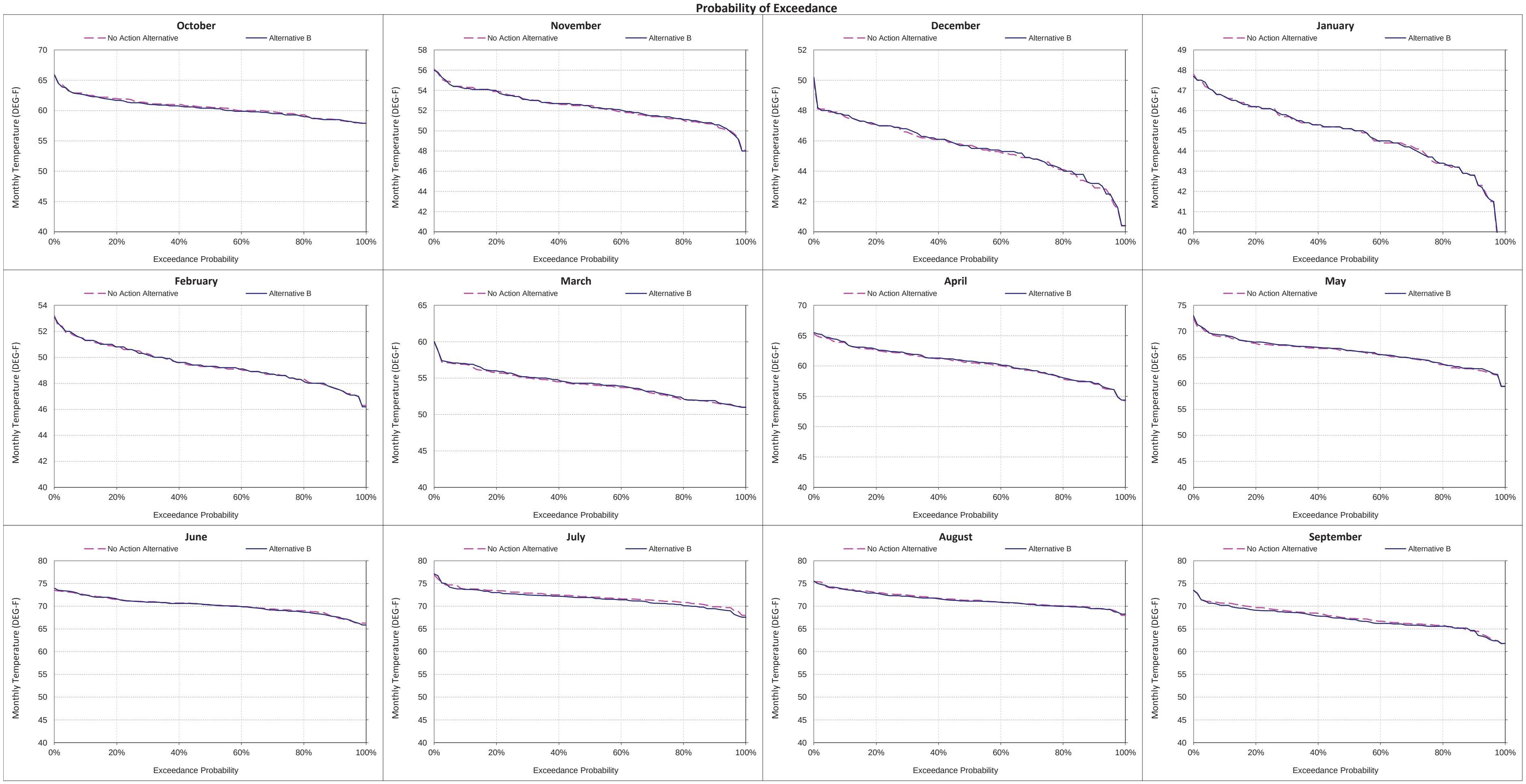


Table SQ-13-5b

Sacramento River at Feather River, Monthly Temperature

Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative B Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	65.9	65.9	0.0	0.0%
1.2%	64.6	64.5	-0.1	-0.2%
2.5%	64.3	63.9	-0.4	-0.6%
3.7%	63.7	63.8	0.1	0.2%
4.9%	63.0	63.2	0.2	0.3%
6.2%	62.9	62.9	0.0	0.0%
7.4%	62.9	62.8	-0.1	-0.2%
8.6%	62.9	62.7	-0.2	-0.3%
9.9%	62.7	62.6	-0.1	-0.2%
11.1%	62.5	62.4	-0.1	-0.2%
12.3%	62.5	62.3	-0.2	-0.3%
13.6%	62.3	62.3	0.0	0.0%
14.8%	62.2	62.1	-0.1	-0.2%
16.0%	62.2	62.0	-0.2	-0.3%
17.3%	62.2	61.9	-0.3	-0.5%
18.5%	62.0	61.8	-0.2	-0.3%
19.8%	62.0	61.7	-0.3	-0.5%
21.0%	61.9	61.7	-0.2	-0.3%
22.2%	61.9	61.6	-0.3	-0.5%
23.5%	61.9	61.4	-0.5	-0.8%
24.7%	61.8	61.3	-0.5	-0.8%
25.9%	61.5	61.3	-0.2	-0.3%
27.2%	61.4	61.3	-0.1	-0.2%
28.4%	61.4	61.2	-0.2	-0.3%
29.6%	61.3	61.1	-0.2	-0.3%
30.9%	61.1	61.0	-0.1	-0.2%
32.1%	61.1	61.0	-0.1	-0.2%
33.3%	61.1	60.9	-0.2	-0.3%
34.6%	61.1	60.9	-0.2	-0.3%
35.8%	61.0	60.9	-0.1	-0.2%
37.0%	61.0	60.8	-0.2	-0.3%
38.3%	61.0	60.8	-0.2	-0.3%
39.5%	61.0	60.8	-0.2	-0.3%
40.7%	61.0	60.7	-0.3	-0.5%
42.0%	60.8	60.6	-0.2	-0.3%
43.2%	60.8	60.6	-0.2	-0.3%
44.4%	60.8	60.6	-0.2	-0.3%
45.7%	60.7	60.5	-0.2	-0.3%
46.9%	60.6	60.4	-0.2	-0.3%
48.1%	60.6	60.4	-0.2	-0.3%
49.4%	60.6	60.4	-0.2	-0.3%
50.6%	60.5	60.4	-0.1	-0.2%
51.9%	60.5	60.3	-0.2	-0.3%
53.1%	60.5	60.3	-0.2	-0.3%
54.3%	60.4	60.1	-0.3	-0.5%
55.6%	60.4	60.0	-0.4	-0.7%
56.8%	60.2	60.0	-0.2	-0.3%
58.0%	60.1	59.9	-0.2	-0.3%
59.3%	60.0	59.9	-0.1	-0.2%
60.5%	60.0	59.9	-0.1	-0.2%
61.7%	60.0	59.9	-0.1	-0.2%
63.0%	60.0	59.8	-0.2	-0.3%
64.2%	60.0	59.8	-0.2	-0.3%
65.4%	60.0	59.8	-0.2	-0.3%
66.7%	60.0	59.7	-0.3	-0.5%
67.9%	59.9	59.7	-0.2	-0.3%
69.1%	59.9	59.6	-0.3	-0.5%
70.4%	59.8	59.5	-0.3	-0.5%
71.6%	59.7	59.5	-0.2	-0.3%
72.8%	59.6	59.5	-0.1	-0.2%
74.1%	59.5	59.3	-0.2	-0.3%
75.3%	59.5	59.3	-0.2	-0.3%
76.5%	59.5	59.3	-0.2	-0.3%
77.8%	59.3	59.3	0.0	0.0%
79.0%	59.3	59.1	-0.2	-0.3%
80.2%	59.3	59.0	-0.3	-0.5%
81.5%	58.9	59.0	0.1	0.2%
82.7%	58.8	58.7	-0.1	-0.2%
84.0%	58.7	58.7	0.0	0.0%
85.2%	58.7	58.6	-0.1	-0.2%
86.4%	58.6	58.5	-0.1	-0.2%
87.7%	58.6	58.5	-0.1	-0.2%
88.9%	58.6	58.5	-0.1	-0.2%
90.1%	58.5	58.5	0.0	0.0%
91.4%	58.4	58.5	0.1	0.2%
92.6%	58.3	58.4	0.1	0.2%
93.8%	58.3	58.2	-0.1	-0.2%
95.1%	58.1	58.2	0.1	0.2%
96.3%	58.1	58.0	-0.1	-0.2%
97.5%	58.0	58.0	0.0	0.0%
98.8%	57.9	57.9	0.0	0.0%
100.0%	57.9	57.9	0.0	0.0%

November				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative B Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	56.1	56.0	-0.1	-0.2%
1.2%	55.7	55.8	0.1	0.2%
2.5%	55.1	55.3	0.2	0.4%
3.7%	54.9	55.0	0.1	0.2%
4.9%	54.9	54.6	-0.3	-0.5%
6.2%	54.4	54.4	0.0	0.0%
7.4%	54.4	54.4	0.0	0.0%
8.6%	54.4	54.3	-0.1	-0.2%
9.9%	54.3	54.2	-0.1	-0.2%
11.1%	54.3	54.2	-0.1	-0.2%
12.3%	54.3	54.1	-0.2	-0.4%
13.6%	54.1	54.1	0.0	0.0%
14.8%	54.1	54.1	0.0	0.0%
16.0%	54.1	54.1	0.0	0.0%
17.3%	54.1	54.1	0.0	0.0%
18.5%	53.9	54.0	0.1	0.2%
19.8%	53.9	54.0	0.1	0.2%
21.0%	53.9	53.7	-0.2	-0.4%
22.2%	53.7	53.6	-0.1	-0.2%
23.5%	53.6	53.5	-0.1	-0.2%
24.7%	53.5	53.5	0.0	0.0%
25.9%	53.5	53.4	-0.1	-0.2%
27.2%	53.4	53.4	0.0	0.0%
28.4%	53.2	53.1	-0.1	-0.2%
29.6%	53.1	53.1	0.0	0.0%
30.9%	53.1	53.0	-0.1	-0.2%
32.1%	53.0	53.0	0.0	0.0%
33.3%	53.0	53.0	0.0	0.0%
34.6%	52.9	52.8	-0.1	-0.2%
35.8%	52.8	52.8	0.0	0.0%
37.0%	52.7	52.8	0.1	0.2%
38.3%	52.7	52.7	0.0	0.0%
39.5%	52.7	52.7	0.0	0.0%
40.7%	52.6	52.7	0.1	0.2%
42.0%	52.6	52.7	0.1	0.2%
43.2%	52.6	52.7	0.1	0.2%
44.4%	52.5	52.6	0.1	0.2%
45.7%	52.5	52.6	0.1	0.2%
46.9%	52.5	52.6	0.1	0.2%
48.1%	52.5	52.5	0.0	0.0%
49.4%	52.5	52.5	0.0	0.0%
50.6%	52.5	52.3	-0.2	-0.4%
51.9%	52.3	52.3	0.0	0.0%
53.1%	52.2	52.3	0.1	0.2%
54.3%	52.2	52.2	0.0	0.0%
55.6%	52.1	52.2	0.1	0.2%
56.8%	52.1	52.2	0.1	0.2%
58.0%	52.0	52.1	0.1	0.2%
59.3%	51.9	52.1	0.2	0.4%
60.5%	51.9	52.0	0.1	0.2%
61.7%	51.8	51.9	0.1	0.2%
63.0%	51.8	51.9	0.1	0.2%
64.2%	51.7	51.8	0.1	0.2%
65.4%	51.6	51.8	0.2	0.4%
66.7%	51.6	51.7	0.1	0.2%
67.9%	51.5	51.6	0.1	0.2%
69.1%	51.4	51.5	0.1	0.2%
70.4%	51.4	51.5	0.1	0.2%
71.6%	51.4	51.5	0.1	0.2%
72.8%	51.4	51.4	0.0	0.0%
74.1%	51.3	51.4	0.1	0.2%
75.3%	51.2	51.4	0.2	0.4%
76.5%	51.2	51.3	0.1	0.2%
77.8%	51.2	51.2	0.0	0.0%
79.0%	51.2	51.2	0.0	0.0%
80.2%	51.0	51.1	0.1	0.2%
81.5%	50.9	51.1	0.2	0.4%
82.7%	50.9	51.0	0.1	0.2%
84.0%	50.9	51.0	0.1	0.2%
85.2%	50.8	50.9	0.1	0.2%
86.4%	50.8	50.8	0.0	0.0%
87.7%	50.7	50.8	0.1	0.2%
88.9%	50.7	50.8	0.1	0.2%
90.1%	50.7	50.6	-0.1	-0.2%
91.4%	50.3	50.6	0.3	0.6%
92.6%	50.2	50.4	0.2	0.4%
93.8%	50.1	50.2	0.1	0.2%
95.1%	50.0	49.9	-0.1	-0.2%
96.3%	49.7	49.6	-0.1	-0.2%
97.5%	49.3	49.2	-0.1	-0.2%
98.8%	48.1	48.0	-0.1	-0.2%
100.0%	48.1	48.0	-0.1	-0.2%

December				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative B Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	50.0	50.2	0.2	0.4%
1.2%	48.1	48.2	0.1	0.2%
2.5%	48.1	48.0	-0.1	-0.2%
3.7%	48.1	48.0	-0.1	-0.2%
4.9%	47.9	48.0	0.1	0.2%
6.2%	47.9	47.9	0.0	0.0%
7.4%	47.9	47.8	-0.1	-0.2%
8.6%	47.8	47.8	0.0	0.0%
9.9%	47.6	47.7	0.1	0.2%
11.1%	47.5	47.7	0.2	0.4%
12.3%	47.5	47.5	0.0	0.0%
13.6%	47.4	47.4	0.0	0.0%
14.8%	47.3	47.3	0.0	0.0%
16.0%	47.3	47.3	0.0	0.0%
17.3%	47.2	47.2	0.0	0.0%
18.5%	47.1	47.2	0.1	0.2%
19.8%	47.1	47.1	0.0	0.0%
21.0%	47.0	47.0	0.0	0.0%
22.2%	47.0	47.0	0.0	0.0%
23.5%	47.0	47.0	0.0	0.0%
24.7%	47.0	47.0	0.0	0.0%
25.9%	46.9	46.9	0.0	0.0%
27.2%	46.9	46.9	0.0	0.0%
28.4%	46.6	46.8	0.2	0.4%
29.6%	46.6	46.8	0.2	0.4%
30.9%	46.5	46.7	0.2	0.4%
32.1%	46.4	46.6	0.2	0.4%
33.3%	46.3	46.5	0.2	0.4%
34.6%	46.2	46.3	0.1	0.2%
35.8%	46.2	46.3	0.1	0.2%
37.0%	46.2	46.2	0.0	0.0%
38.3%	46.1	46.2	0.1	0.2%
39.5%	46.1	46.1	0.0	0.0%
40.7%	46.1	46.1	0.0	0.0%
42.0%	46.1	46.1	0.0	0.0%
43.2%	45.9	46.0	0.1	0.2%
44.4%	45.9	45.9	0.0	0.0%
45.7%	45.8	45.8	0.0	0.0%
46.9%	45.8	45.7	-0.1	-0.2%
48.1%	45.7	45.7	0.0	0.0%
49.4%	45.7	45.7	0.0	0.0%
50.6%	45.7	45.5	-0.2	-0.4%
51.9%	45.6	45.5	-0.1	-0.2%
53.1%	45.5	45.5	0.0	0.0%
54.3%	45.4	45.5	0.1	0.2%
55.6%	45.4	45.5	0.1	0.2%
56.8%	45.3	45.4	0.1	0.2%
58.0%	45.3	45.4	0.1	0.2%
59.3%	45.3	45.4	0.1	0.2%
60.5%	45.2	45.3	0.1	0.2%
61.7%	45.2	45.3	0.1	0.2%
63.0%	45.1	45.3	0.2	0.4%
64.2%	45.1	45.3	0.2	0.4%
65.4%	45.0	45.2	0.2	0.4%
66.7%	44.9	45.2	0.3	0.7%
67.9%	44.9	44.9	0.0	0.0%
69.1%	44.9	44.9	0.0	0.0%
70.4%	44.8	44.8	0.0	0.0%
71.6%	44.8	44.8	0.0	0.0%
72.8%	44.7	44.7	0.0	0.0%
74.1%	44.6	44.6	0.0	0.0%
75.3%	44.6	44.4	-0.2	-0.4%
76.5%	44.3	44.4	0.1	0.2%
77.8%	44.2	44.3	0.1	0.2%
79.0%	44.1	44.2	0.1	0.2%
80.2%	44.1	44.0	-0.1	-0.2%
81.5%	44.0	44.0	0.0	0.0%
82.7%	43.8	44.0	0.2	0.5%
84.0%	43.8	43.8	0.0	0.0%
85.2%	43.4	43.8	0.4	0.9%
86.4%	43.4	43.8	0.4	0.9%
87.7%	43.3	43.3	0.0	0.0%
88.9%	43.2	43.2	0.0	0.0%
90.1%	42.9	43.2	0.3	0.7%
91.4%	42.9	43.2	0.3	0.7%
92.6%	42.9	43.0	0.1	0.2%
93.8%	42.8	42.5	-0.3	-0.7%
95.1%	42.4	42.5	0.1	0.2%
96.3%	41.8	42.0	0.2	0.5%
97.5%	41.5	41.6	0.1	0.2%
98.8%	40.4	40.4	0.0	0.0%
100.0%	40.4	40.4	0.0	0.0%

January				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative B Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	47.8	47.7	-0.1	-0.2%
1.2%	47.5	47.5	0.0	0.0%
2.5%	47.5	47.5	0.0	0.0%
3.7%	47.2	47.4	0.2	0.4%
4.9%	47.1	47.1	0.0	0.0%
6.2%	47.0	47.0	0.0	0.0%
7.4%	46.8	46.8	0.0	0.0%
8.6%	46.8	46.8	0.0	0.0%
9.9%	46.7	46.7	0.0	0.0%
11.1%	46.6	46.6	0.0	0.0%
12.3%	46.6	46.5	-0.1	-0.2%
13.6%	46.5	46.5	0.0	0.0%
14.8%	46.4	46.4	0.0	0.0%
16.0%	46.4	46.3	-0.1	-0.2%
17.3%	46.2	46.3	0.1	0.2%
18.5%	46.2	46.2	0.0	0.0%
19.8%	46.2	46.2	0.0	0.0%
21.0%	46.1	46.2	0.1	0.2%
22.2%	46.1	46.1	0.0	0.0%
23.5%	46.1	46.1	0.0	0.0%
24.7%	46.1	46.1	0.0	0.0%
25.9%	46.1	46.0	-0.1	-0.2%
27.2%	45.8	45.9	0.1	0.2%
28.4%	45.7	45.8	0.1	0.2%
29.6%	45.7	45.8	0.1	0.2%
30.9%	45.7	45.7	0.0	0.0%
32.1%	45.5	45.6	0.1	0.2%
33.3%	45.5	45.5	0.0	0.0%
34.6%	45.4	45.5	0.1	0.2%
35.8%	45.4	45.4	0.0	0.0%
37.0%	45.4	45.4	0.0	0.0%
38.3%	45.3	45.3	0.0	0.0%
39.5%	45.3	45.3	0.0	0.0%
40.7%	45.2	45.3	0.1	0.2%
42.0%	45.2	45.2	0.0	0.0%
43.2%	45.2	45.2	0.0	0.0%
44.4%	45.2	45.2	0.0	0.0%
45.7%	45.2	45.2	0.0	0.0%
46.9%	45.2	45.2	0.0	0.0%
48.1%	45.1	45.1	0.0	0.0%
49.4%	45.1	45.1	0.0	0.0%
50.6%	45.1	45.1	0.0	0.0%
51.9%	45.0	45.0	0.0	0.0%
53.1%	45.0	45.0	0.0	0.0%
54.3%	44.9	45.0	0.1	0.2%
55.6%	44.9	44.9	0.0	0.0%
56.8%	44.7	44.7	0.0	0.0%
58.0%	44.5	44.6	0.1	0.2%
59.3%	44.5	44.5	0.0	0.0%
60.5%	44.4	44.5	0.1	0.2%
61.7%	44.4	44.5	0.1	0.2%
63.0%	44.4	44.5	0.1	0.2%
64.2%	44.4	44.4	0.0	0.0%
65.4%	44.4	44.4	0.0	0.0%
66.7%	44.4	44.3	-0.1	-0.2%
67.9%	44.3	44.2	-0.1	-0.2%
69.1%	44.3	44.2	-0.1	-0.2%
70.4%	44.2	44.1	-0.1	-0.2%
71.6%	44.1	44.0	-0.1	-0.2%
72.8%	44.1	43.9	-0.2	-0.5%
74.1%	43.9	43.8	-0.1	-0.2%
75.3%	43.7	43.7	0.0	0.0%
76.5%	43.5	43.7	0.2	0.5%
77.8%	43.4	43.5	0.1	0.2%
79.0%	43.4	43.4	0.0	0.0%
80.2%	43.3	43.4	0.1	0.2%
81.5%	43.3	43.3	0.0	0.0%
82.7%	43.2	43.3	0.1	0.2%
84.0%	43.2	43.2	0.0	0.0%
85.2%	43.2	43.2	0.0	0.0%
86.4%	42.9	42.9	0.0	0.0%
87.7%	42.9	42.9	0.0	0.0%
88.9%	42.8	42.8	0.0	0.0%
90.1%	42.8	42.8	0.0	0.0%
91.4%	42.3	42.3	0.0	0.0%
92.6%	42.3	42.2	-0.1	-0.2%
93.8%	41.9	41.8	-0.1	-0.2%
95.1%	41.5	41.6	0.1	0.2%
96.3%	41.5	41.5	0.0	0.0%
97.5%	39.7	39.8	0.1	0.3%
98.8%	39.0	39.0	0.0	0.0%
100.0%	39.0	39.0	0.0	0.0%

Table SQ-13-5b

Sacramento River at Feather River, Monthly Temperature
Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.2	53.1	-0.1	-0.2%
1.2%	52.4	52.6	0.2	0.4%
2.5%	52.4	52.3	-0.1	-0.2%
3.7%	51.9	52.0	0.1	0.2%
4.9%	51.9	52.0	0.1	0.2%
6.2%	51.7	51.8	0.1	0.2%
7.4%	51.6	51.6	0.0	0.0%
8.6%	51.6	51.5	-0.1	-0.2%
9.9%	51.3	51.3	0.0	0.0%
11.1%	51.3	51.3	0.0	0.0%
12.3%	51.2	51.3	0.1	0.2%
13.6%	51.1	51.2	0.1	0.2%
14.8%	51.1	51.0	-0.1	-0.2%
16.0%	51.0	51.0	0.0	0.0%
17.3%	50.9	51.0	0.1	0.2%
18.5%	50.9	51.0	0.1	0.2%
19.8%	50.8	50.8	0.0	0.0%
21.0%	50.8	50.8	0.0	0.0%
22.2%	50.6	50.8	0.2	0.4%
23.5%	50.6	50.6	0.0	0.0%
24.7%	50.6	50.6	0.0	0.0%
25.9%	50.5	50.5	0.0	0.0%
27.2%	50.5	50.3	-0.2	-0.4%
28.4%	50.3	50.3	0.0	0.0%
29.6%	50.3	50.2	-0.1	-0.2%
30.9%	50.2	50.1	-0.1	-0.2%
32.1%	50.0	50.0	0.0	0.0%
33.3%	50.0	50.0	0.0	0.0%
34.6%	50.0	50.0	0.0	0.0%
35.8%	49.9	49.9	0.0	0.0%
37.0%	49.8	49.9	0.1	0.2%
38.3%	49.7	49.7	0.0	0.0%
39.5%	49.6	49.6	0.0	0.0%
40.7%	49.6	49.6	0.0	0.0%
42.0%	49.5	49.6	0.1	0.2%
43.2%	49.4	49.5	0.1	0.2%
44.4%	49.4	49.4	0.0	0.0%
45.7%	49.4	49.4	0.0	0.0%
46.9%	49.3	49.4	0.1	0.2%
48.1%	49.3	49.3	0.0	0.0%
49.4%	49.3	49.3	0.0	0.0%
50.6%	49.3	49.3	0.0	0.0%
51.9%	49.2	49.3	0.1	0.2%
53.1%	49.2	49.2	0.0	0.0%
54.3%	49.2	49.2	0.0	0.0%
55.6%	49.1	49.2	0.1	0.2%
56.8%	49.1	49.2	0.1	0.2%
58.0%	49.1	49.2	0.1	0.2%
59.3%	49.1	49.1	0.0	0.0%
60.5%	49.0	49.1	0.1	0.2%
61.7%	49.0	49.0	0.0	0.0%
63.0%	48.9	48.9	0.0	0.0%
64.2%	48.9	48.9	0.0	0.0%
65.4%	48.9	48.9	0.0	0.0%
66.7%	48.8	48.8	0.0	0.0%
67.9%	48.7	48.8	0.1	0.2%
69.1%	48.7	48.7	0.0	0.0%
70.4%	48.7	48.7	0.0	0.0%
71.6%	48.7	48.6	-0.1	-0.2%
72.8%	48.6	48.6	0.0	0.0%
74.1%	48.6	48.6	0.0	0.0%
75.3%	48.4	48.4	0.0	0.0%
76.5%	48.4	48.4	0.0	0.0%
77.8%	48.3	48.3	0.0	0.0%
79.0%	48.3	48.3	0.0	0.0%
80.2%	48.3	48.1	-0.2	-0.4%
81.5%	48.1	48.0	-0.1	-0.2%
82.7%	48.0	48.0	0.0	0.0%
84.0%	48.0	48.0	0.0	0.0%
85.2%	48.0	48.0	0.0	0.0%
86.4%	47.9	48.0	0.1	0.2%
87.7%	47.8	47.8	0.0	0.0%
88.9%	47.7	47.7	0.0	0.0%
90.1%	47.6	47.6	0.0	0.0%
91.4%	47.5	47.5	0.0	0.0%
92.6%	47.4	47.4	0.0	0.0%
93.8%	47.2	47.2	0.0	0.0%
95.1%	47.2	47.1	-0.1	-0.2%
96.3%	47.1	47.1	0.0	0.0%
97.5%	47.0	47.0	0.0	0.0%
98.8%	46.3	46.2	-0.1	-0.2%
100.0%	46.3	46.2	-0.1	-0.2%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.0	60.0	0.0	0.0%
1.2%	58.8	58.8	0.0	0.0%
2.5%	57.2	57.4	0.2	0.3%
3.7%	57.1	57.3	0.2	0.4%
4.9%	57.1	57.2	0.1	0.2%
6.2%	57.0	57.1	0.1	0.2%
7.4%	57.0	57.1	0.1	0.2%
8.6%	56.9	57.0	0.1	0.2%
9.9%	56.9	57.0	0.1	0.2%
11.1%	56.8	56.9	0.1	0.2%
12.3%	56.5	56.9	0.4	0.7%
13.6%	56.2	56.7	0.5	0.9%
14.8%	56.1	56.5	0.4	0.7%
16.0%	56.0	56.2	0.2	0.4%
17.3%	56.0	56.1	0.1	0.2%
18.5%	55.8	56.0	0.2	0.4%
19.8%	55.8	56.0	0.2	0.4%
21.0%	55.7	55.9	0.2	0.4%
22.2%	55.7	55.9	0.2	0.4%
23.5%	55.6	55.7	0.1	0.2%
24.7%	55.4	55.7	0.3	0.5%
25.9%	55.4	55.5	0.1	0.2%
27.2%	55.2	55.3	0.1	0.2%
28.4%	55.1	55.2	0.1	0.2%
29.6%	55.0	55.2	0.2	0.4%
30.9%	55.0	55.1	0.1	0.2%
32.1%	54.9	55.1	0.2	0.4%
33.3%	54.9	55.0	0.1	0.2%
34.6%	54.8	55.0	0.2	0.4%
35.8%	54.8	55.0	0.2	0.4%
37.0%	54.7	54.9	0.2	0.4%
38.3%	54.6	54.8	0.2	0.4%
39.5%	54.5	54.8	0.3	0.6%
40.7%	54.5	54.6	0.1	0.2%
42.0%	54.4	54.5	0.1	0.2%
43.2%	54.3	54.4	0.1	0.2%
44.4%	54.2	54.3	0.1	0.2%
45.7%	54.2	54.3	0.1	0.2%
46.9%	54.2	54.3	0.1	0.2%
48.1%	54.2	54.3	0.1	0.2%
49.4%	54.1	54.3	0.2	0.4%
50.6%	54.1	54.3	0.2	0.4%
51.9%	54.0	54.2	0.2	0.4%
53.1%	54.0	54.2	0.2	0.4%
54.3%	53.9	54.0	0.1	0.2%
55.6%	53.9	54.0	0.1	0.2%
56.8%	53.9	54.0	0.1	0.2%
58.0%	53.8	54.0	0.2	0.4%
59.3%	53.7	53.9	0.2	0.4%
60.5%	53.7	53.9	0.2	0.4%
61.7%	53.7	53.8	0.1	0.2%
63.0%	53.7	53.7	0.0	0.0%
64.2%	53.5	53.6	0.1	0.2%
65.4%	53.4	53.6	0.2	0.4%
66.7%	53.4	53.4	0.0	0.0%
67.9%	53.2	53.2	0.0	0.0%
69.1%	53.0	53.2	0.2	0.4%
70.4%	52.9	53.2	0.3	0.6%
71.6%	52.9	53.0	0.1	0.2%
72.8%	52.7	52.9	0.2	0.4%
74.1%	52.7	52.8	0.1	0.2%
75.3%	52.5	52.7	0.2	0.4%
76.5%	52.4	52.6	0.2	0.4%
77.8%	52.3	52.4	0.1	0.2%
79.0%	52.1	52.4	0.3	0.6%
80.2%	52.1	52.1	0.0	0.0%
81.5%	52.0	52.0	0.0	0.0%
82.7%	52.0	52.0	0.0	0.0%
84.0%	51.9	52.0	0.1	0.2%
85.2%	51.9	51.9	0.0	0.0%
86.4%	51.9	51.9	0.0	0.0%
87.7%	51.8	51.9	0.1	0.2%
88.9%	51.7	51.9	0.2	0.4%
90.1%	51.6	51.9	0.3	0.6%
91.4%	51.5	51.6	0.1	0.2%
92.6%	51.4	51.5	0.1	0.2%
93.8%	51.4	51.4	0.0	0.0%
95.1%	51.3	51.4	0.1	0.2%
96.3%	51.2	51.2	0.0	0.0%
97.5%	51.2	51.1	-0.1	-0.2%
98.8%	51.0	51.0	0.0	0.0%
100.0%	51.0	51.0	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.3	65.5	0.2	0.3%
1.2%	64.9	65.3	0.4	0.6%
2.5%	64.7	65.2	0.5	0.8%
3.7%	64.6	64.8	0.2	0.3%
4.9%	64.5	64.7	0.2	0.3%
6.2%	64.1	64.5	0.4	0.6%
7.4%	63.9	64.4	0.5	0.8%
8.6%	63.9	64.1	0.2	0.3%
9.9%	63.9	64.0	0.1	0.2%
11.1%	63.4	63.4	0.0	0.0%
12.3%	63.2	63.2	0.0	0.0%
13.6%	63.1	63.1	0.0	0.0%
14.8%	62.9	63.1	0.2	0.3%
16.0%	62.9	63.1	0.2	0.3%
17.3%	62.8	63.0	0.2	0.3%
18.5%	62.8	63.0	0.2	0.3%
19.8%	62.6	62.8	0.2	0.3%
21.0%	62.5	62.6	0.1	0.2%
22.2%	62.4	62.6	0.2	0.3%
23.5%	62.3	62.5	0.2	0.3%
24.7%	62.3	62.4	0.1	0.2%
25.9%	62.2	62.4	0.2	0.3%
27.2%	62.2	62.3	0.1	0.2%
28.4%	62.2	62.3	0.1	0.2%
29.6%	62.0	62.1	0.1	0.2%
30.9%	61.8	62.0	0.2	0.3%
32.1%	61.8	61.9	0.1	0.2%
33.3%	61.6	61.9	0.3	0.5%
34.6%	61.6	61.8	0.2	0.3%
35.8%	61.4	61.4	0.0	0.0%
37.0%	61.4	61.3	-0.1	-0.2%
38.3%	61.3	61.3	0.0	0.0%
39.5%	61.2	61.3	0.1	0.2%
40.7%	61.2	61.3	0.1	0.2%
42.0%	61.2	61.2	0.0	0.0%
43.2%	61.1	61.2	0.1	0.2%
44.4%	60.9	61.2	0.3	0.5%
45.7%	60.9	61.0	0.1	0.2%
46.9%	60.9	61.0	0.1	0.2%
48.1%	60.6	60.9	0.3	0.5%
49.4%	60.6	60.8	0.2	0.3%
50.6%	60.5	60.8	0.3	0.5%
51.9%	60.5	60.7	0.2	0.3%
53.1%	60.4	60.6	0.2	0.3%
54.3%	60.4	60.6	0.2	0.3%
55.6%	60.4	60.5	0.1	0.2%
56.8%	60.3	60.5	0.2	0.3%
58.0%	60.1	60.4	0.3	0.5%
59.3%	60.1	60.3	0.2	0.3%
60.5%	60.0	60.1	0.1	0.2%
61.7%	59.9	60.1	0.2	0.3%
63.0%	59.8	60.0	0.2	0.3%
64.2%	59.6	59.7	0.1	0.2%
65.4%	59.6	59.6	0.0	0.0%
66.7%	59.4	59.5	0.1	0.2%
67.9%	59.3	59.5	0.2	0.3%
69.1%	59.3	59.4	0.1	0.2%
70.4%	59.2	59.2	0.0	0.0%
71.6%	59.0	59.2	0.2	0.3%
72.8%	58.9	58.9	0.0	0.0%
74.1%	58.8	58.9	0.1	0.2%
75.3%	58.6	58.6	0.0	0.0%
76.5%	58.5	58.6	0.1	0.2%
77.8%	58.4	58.4	0.0	0.0%
79.0%	58.0	58.2	0.2	0.3%
80.2%	57.8	58.0	0.2	0.3%
81.5%	57.7	57.9	0.2	0.3%
82.7%	57.7	57.7	0.0	0.0%
84.0%	57.5	57.6	0.1	0.2%
85.2%	57.4	57.5	0.1	0.2%
86.4%	57.4	57.5	0.1	0.2%
87.7%	57.4	57.4	0.0	0.0%
88.9%	57.3	57.4	0.1	0.2%
90.1%	57.0	57.1	0.1	0.2%
91.4%	57.0	57.1	0.1	0.2%
92.6%	56.4	56.6	0.2	0.4%
93.8%	56.2	56.4	0.2	0.4%
95.1%	56.2	56.2	0.0	0.0%
96.3%	56.0	56.1	0.1	0.2%
97.5%	54.9	54.9	0.0	0.0%
98.8%	54.3	54.4	0.1	0.2%
100.0%	54.3	54.4	0.1	0.2%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	72.5	73.0	0.5	0.7%
1.2%	70.9	71.3	0.4	0.6%
2.5%	70.8	70.9	0.1	0.1%
3.7%	70.0	70.4	0.4	0.6%
4.9%	70.0	69.7	-0.3	-0.4%
6.2%	69.3	69.5	0.2	0.3%
7.4%	69.1	69.4	0.3	0.4%
8.6%	69.0	69.3	0.3	0.4%
9.9%	69.0	69.3	0.3	0.4%
11.1%	69.0	69.1	0.1	0.1%
12.3%	68.6	69.0	0.4	0.6%
13.6%	68.6	68.7	0.1	0.1%
14.8%	68.3	68.3	0.0	0.0%
16.0%	68.2	68.2	0.0	0.0%
17.3%	68.0	68.1	0.1	0.1%
18.5%	67.8	68.0	0.2	0.3%
19.8%	67.7	67.9	0.2	0.3%
21.0%	67.5	67.9	0.4	0.6%
22.2%	67.5	67.9	0.4	0.6%
23.5%	67.5	67.8	0.3	0.4%
24.7%	67.4	67.7	0.3	0.4%
25.9%	67.3	67.5	0.2	0.3%
27.2%	67.3	67.4	0.1	0.1%
28.4%	67.3	67.4	0.1	0.1%
29.6%	67.3	67.4	0.1	0.1%
30.9%	67.2	67.3	0.1	0.1%
32.1%	67.1	67.2	0.1	0.1%
33.3%	67.1	67.1	0.0	0.0%
34.6%	67.0	67.1	0.1	0.1%
35.8%	66.9	67.1	0.2	0.3%
37.0%	66.8	67.0	0.2	0.3%
38.3%	66.8	67.0	0.2	0.3%
39.5%	66.7	66.9	0.2	0.3%
40.7%	66.7	66.9	0.2	0.3%
42.0%	66.7	66.8	0.1	0.1%
43.2%	66.7	66.8	0.1	0.1%
44.4%	66.7	66.7	0.0	0.0%
45.7%	66.6	66.7	0.1	0.2%
46.9%	66.4	66.7	0.3	0.5%
48.1%	66.4	66.5	0.1	0.2%
49.4%	66.3	66.3	0.0	0.0%
50.6%	66.3	66.3	0.0	0.0%
51.9%	66.2	66.2	0.0	0.0%
53.1%	66.1	66.1	0.0	0.0%
54.3%	66.1	66.0	-0.1	-0.2%
55.6%	65.8	66.0	0.2	0.3%
56.8%	65.7	65.9	0.2	0.3%
58.0%	65.7	65.9	0.2	0.3%
59.3%	65.6	65.5	-0.1	-0.2%
60.5%	65.5	65.5	0.0	0.0%
61.7%	65.5	65.4	-0.1	-0.2%
63.0%	65.2	65.4	0.2	0.3%
64.2%	65.1	65.3	0.2	0.3%
65.4%	65.0	65.1	0.1	0.2%
66.7%	65.0	65.0	0.0	0.0%
67.9%	65.0	65.0	0.0	0.0%
69.1%	64.9	64.9	0.0	0.0%
70.4%	64.8	64.7	-0.1	-0.2%
71.6%	64.6	64.7	0.1	0.2%
72.8%	64.5	64.6	0.1	0.2%
74.1%	64.4	64.5	0.1	0.2%
75.3%	64.4	64.4	0.0	0.0%
76.5%	64.1	64.1	0.0	0.0%
77.8%	63.9	64.0	0.1	0.2%
79.0%	63.6	63.9	0.3	0.5%
80.2%	63.6	63.6	0.0	0.0%
81.5%	63.5	63.4	-0.1	-0.2%
82.7%	63.0	63.4	0.4	0.6%
84.0%	63.0	63.2	0.2	0.3%
85.2%	62.9	63.2	0.3	0.5%
86.4%	62.8	62.9	0.1	0.2%
87.7%	62.8	62.9	0.1	0.2%
88.9%	62.8	62.9	0.1	0.2%
90.1%	62.7	62.8	0.1	0.2%
91.4%	62.5	62.8	0.3	0.5%
92.6%	62.4	62.8	0.4	0.6%
93.8%	62.2	62.5	0.3	0.5%
95.1%	62.1	62.2	0.1	0.2%
96.3%	61.7	61.8	0.1	0.2%
97.5%	61.6	61.7	0.1	0.2%
98.8%	59.4	59.4	0.0	0.0%
100.0%	59.4	59.4	0.0	0.0%

Table SQ-13-5b

Sacramento River at Feather River, Monthly Temperature

Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.5	74.0	0.5	0.7%
1.2%	73.4	73.5	0.1	0.1%
2.5%	73.3	73.4	0.1	0.1%
3.7%	73.2	73.4	0.2	0.3%
4.9%	73.1	73.3	0.2	0.3%
6.2%	73.0	73.1	0.1	0.1%
7.4%	72.8	72.9	0.1	0.1%
8.6%	72.7	72.5	-0.2	-0.3%
9.9%	72.5	72.5	0.0	0.0%
11.1%	72.4	72.3	-0.1	-0.1%
12.3%	72.3	72.1	-0.2	-0.3%
13.6%	72.1	72.0	-0.1	-0.1%
14.8%	72.1	72.0	-0.1	-0.1%
16.0%	71.8	72.0	0.2	0.3%
17.3%	71.8	72.0	0.2	0.3%
18.5%	71.6	71.8	0.2	0.3%
19.8%	71.5	71.7	0.2	0.3%
21.0%	71.5	71.4	-0.1	-0.1%
22.2%	71.3	71.3	0.0	0.0%
23.5%	71.2	71.1	-0.1	-0.1%
24.7%	71.2	71.1	-0.1	-0.1%
25.9%	71.1	71.1	0.0	0.0%
27.2%	71.1	71.0	-0.1	-0.1%
28.4%	71.0	71.0	0.0	0.0%
29.6%	71.0	70.9	-0.1	-0.1%
30.9%	71.0	70.9	-0.1	-0.1%
32.1%	71.0	70.9	-0.1	-0.1%
33.3%	70.8	70.9	0.1	0.1%
34.6%	70.8	70.8	0.0	0.0%
35.8%	70.8	70.8	0.0	0.0%
37.0%	70.7	70.6	-0.1	-0.1%
38.3%	70.7	70.6	-0.1	-0.1%
39.5%	70.7	70.6	-0.1	-0.1%
40.7%	70.7	70.6	-0.1	-0.1%
42.0%	70.7	70.6	-0.1	-0.1%
43.2%	70.7	70.6	-0.1	-0.1%
44.4%	70.6	70.6	0.0	0.0%
45.7%	70.6	70.5	-0.1	-0.1%
46.9%	70.4	70.5	0.1	0.1%
48.1%	70.4	70.4	0.0	0.0%
49.4%	70.3	70.4	0.1	0.1%
50.6%	70.2	70.3	0.1	0.1%
51.9%	70.2	70.2	0.0	0.0%
53.1%	70.1	70.2	0.1	0.1%
54.3%	70.1	70.1	0.0	0.0%
55.6%	70.1	70.1	0.0	0.0%
56.8%	70.1	70.0	-0.1	-0.1%
58.0%	70.1	70.0	-0.1	-0.1%
59.3%	70.0	70.0	0.0	0.0%
60.5%	69.9	69.9	0.0	0.0%
61.7%	69.9	69.9	0.0	0.0%
63.0%	69.8	69.7	-0.1	-0.1%
64.2%	69.8	69.7	-0.1	-0.1%
65.4%	69.6	69.6	0.0	0.0%
66.7%	69.6	69.5	-0.1	-0.1%
67.9%	69.5	69.3	-0.2	-0.3%
69.1%	69.4	69.2	-0.2	-0.3%
70.4%	69.4	69.2	-0.2	-0.3%
71.6%	69.3	69.1	-0.2	-0.3%
72.8%	69.2	69.1	-0.1	-0.1%
74.1%	69.2	69.1	-0.1	-0.1%
75.3%	69.2	68.9	-0.3	-0.4%
76.5%	69.0	68.9	-0.1	-0.1%
77.8%	69.0	68.9	-0.1	-0.1%
79.0%	69.0	68.8	-0.2	-0.3%
80.2%	69.0	68.7	-0.3	-0.4%
81.5%	68.9	68.7	-0.2	-0.3%
82.7%	68.8	68.5	-0.3	-0.4%
84.0%	68.8	68.4	-0.4	-0.6%
85.2%	68.6	68.3	-0.3	-0.4%
86.4%	68.6	68.2	-0.4	-0.6%
87.7%	68.2	68.0	-0.2	-0.3%
88.9%	67.8	67.8	0.0	0.0%
90.1%	67.7	67.7	0.0	0.0%
91.4%	67.3	67.6	0.3	0.4%
92.6%	67.3	67.2	-0.1	-0.1%
93.8%	67.2	67.2	0.0	0.0%
95.1%	66.9	66.8	-0.1	-0.1%
96.3%	66.4	66.5	0.1	0.2%
97.5%	66.3	66.3	0.0	0.0%
98.8%	66.3	65.9	-0.4	-0.6%
100.0%	66.3	65.9	-0.4	-0.6%

July				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	76.9	77.1	0.2	0.3%
1.2%	76.0	76.7	0.7	0.9%
2.5%	75.3	75.1	-0.2	-0.3%
3.7%	74.7	75.0	0.3	0.4%
4.9%	74.7	74.2	-0.5	-0.7%
6.2%	74.7	74.0	-0.7	-0.9%
7.4%	74.5	73.8	-0.7	-0.9%
8.6%	73.9	73.8	-0.1	-0.1%
9.9%	73.8	73.7	-0.1	-0.1%
11.1%	73.8	73.7	-0.1	-0.1%
12.3%	73.8	73.7	-0.1	-0.1%
13.6%	73.8	73.6	-0.2	-0.3%
14.8%	73.7	73.5	-0.2	-0.3%
16.0%	73.6	73.3	-0.3	-0.4%
17.3%	73.5	73.3	-0.2	-0.3%
18.5%	73.5	73.0	-0.5	-0.7%
19.8%	73.5	73.0	-0.5	-0.7%
21.0%	73.4	73.0	-0.4	-0.5%
22.2%	73.4	72.8	-0.6	-0.8%
23.5%	73.3	72.8	-0.5	-0.7%
24.7%	73.1	72.7	-0.4	-0.5%
25.9%	73.1	72.7	-0.4	-0.5%
27.2%	73.1	72.6	-0.5	-0.7%
28.4%	72.9	72.6	-0.3	-0.4%
29.6%	72.9	72.5	-0.4	-0.5%
30.9%	72.9	72.5	-0.4	-0.5%
32.1%	72.9	72.4	-0.5	-0.7%
33.3%	72.8	72.4	-0.4	-0.5%
34.6%	72.8	72.4	-0.4	-0.5%
35.8%	72.6	72.3	-0.3	-0.4%
37.0%	72.6	72.3	-0.3	-0.4%
38.3%	72.5	72.2	-0.3	-0.4%
39.5%	72.5	72.2	-0.3	-0.4%
40.7%	72.5	72.2	-0.3	-0.4%
42.0%	72.4	72.1	-0.3	-0.4%
43.2%	72.4	72.1	-0.3	-0.4%
44.4%	72.3	72.0	-0.3	-0.4%
45.7%	72.3	71.9	-0.4	-0.6%
46.9%	72.1	71.9	-0.2	-0.3%
48.1%	72.1	71.9	-0.2	-0.3%
49.4%	72.1	71.9	-0.2	-0.3%
50.6%	72.0	71.9	-0.1	-0.1%
51.9%	72.0	71.7	-0.3	-0.4%
53.1%	72.0	71.7	-0.3	-0.4%
54.3%	71.8	71.6	-0.2	-0.3%
55.6%	71.8	71.5	-0.3	-0.4%
56.8%	71.8	71.5	-0.3	-0.4%
58.0%	71.7	71.5	-0.2	-0.3%
59.3%	71.7	71.4	-0.3	-0.4%
60.5%	71.6	71.4	-0.2	-0.3%
61.7%	71.6	71.4	-0.2	-0.3%
63.0%	71.6	71.2	-0.4	-0.6%
64.2%	71.6	71.2	-0.4	-0.6%
65.4%	71.5	71.2	-0.3	-0.4%
66.7%	71.5	71.1	-0.4	-0.6%
67.9%	71.4	71.0	-0.4	-0.6%
69.1%	71.4	70.8	-0.6	-0.8%
70.4%	71.3	70.7	-0.6	-0.8%
71.6%	71.2	70.7	-0.5	-0.7%
72.8%	71.2	70.6	-0.6	-0.8%
74.1%	71.1	70.6	-0.5	-0.7%
75.3%	71.1	70.5	-0.6	-0.8%
76.5%	71.1	70.5	-0.6	-0.8%
77.8%	71.0	70.4	-0.6	-0.8%
79.0%	70.9	70.4	-0.5	-0.7%
80.2%	70.8	70.1	-0.7	-1.0%
81.5%	70.8	70.1	-0.7	-1.0%
82.7%	70.6	70.0	-0.6	-0.8%
84.0%	70.6	70.0	-0.6	-0.8%
85.2%	70.5	69.8	-0.7	-1.0%
86.4%	70.4	69.8	-0.6	-0.9%
87.7%	70.2	69.5	-0.7	-1.0%
88.9%	69.9	69.5	-0.4	-0.6%
90.1%	69.9	69.5	-0.4	-0.6%
91.4%	69.9	69.3	-0.6	-0.9%
92.6%	69.8	69.2	-0.6	-0.9%
93.8%	69.7	69.1	-0.6	-0.9%
95.1%	69.7	69.0	-0.7	-1.0%
96.3%	69.0	68.2	-0.8	-1.2%
97.5%	68.9	67.9	-1.0	-1.5%
98.8%	68.0	67.6	-0.4	-0.6%
100.0%	68.0	67.6	-0.4	-0.6%

August				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	75.4	75.5	0.1	0.1%
1.2%	75.4	75.0	-0.4	-0.5%
2.5%	75.3	74.8	-0.5	-0.7%
3.7%	74.4	74.6	0.2	0.3%
4.9%	74.1	74.2	0.1	0.1%
6.2%	74.0	74.2	0.2	0.3%
7.4%	74.0	74.1	0.1	0.1%
8.6%	73.8	73.9	0.1	0.1%
9.9%	73.8	73.7	-0.1	-0.1%
11.1%	73.8	73.6	-0.2	-0.3%
12.3%	73.7	73.5	-0.2	-0.3%
13.6%	73.4	73.3	-0.1	-0.1%
14.8%	73.4	73.3	-0.1	-0.1%
16.0%	73.4	73.1	-0.3	-0.4%
17.3%	73.3	72.9	-0.4	-0.5%
18.5%	73.2	72.9	-0.3	-0.4%
19.8%	73.0	72.9	-0.1	-0.1%
21.0%	73.0	72.7	-0.3	-0.4%
22.2%	72.9	72.6	-0.3	-0.4%
23.5%	72.7	72.4	-0.3	-0.4%
24.7%	72.7	72.3	-0.4	-0.6%
25.9%	72.6	72.3	-0.3	-0.4%
27.2%	72.6	72.3	-0.3	-0.4%
28.4%	72.6	72.2	-0.4	-0.6%
29.6%	72.5	72.2	-0.3	-0.4%
30.9%	72.4	72.1	-0.3	-0.4%
32.1%	72.3	72.1	-0.2	-0.3%
33.3%	72.2	71.9	-0.3	-0.4%
34.6%	72.1	71.8	-0.3	-0.4%
35.8%	72.1	71.8	-0.3	-0.4%
37.0%	72.0	71.8	-0.2	-0.3%
38.3%	71.8	71.8	0.0	0.0%
39.5%	71.8	71.7	-0.1	-0.1%
40.7%	71.7	71.6	-0.1	-0.1%
42.0%	71.6	71.4	-0.2	-0.3%
43.2%	71.6	71.4	-0.2	-0.3%
44.4%	71.6	71.3	-0.3	-0.4%
45.7%	71.5	71.3	-0.2	-0.3%
46.9%	71.4	71.2	-0.2	-0.3%
48.1%	71.3	71.2	-0.1	-0.1%
49.4%	71.3	71.1	-0.2	-0.3%
50.6%	71.3	71.1	-0.2	-0.3%
51.9%	71.3	71.1	-0.2	-0.3%
53.1%	71.3	71.1	-0.2	-0.3%
54.3%	71.2	71.1	-0.1	-0.1%
55.6%	71.1	71.0	-0.1	-0.1%
56.8%	71.0	71.0	0.0	0.0%
58.0%	71.0	71.0	0.0	0.0%
59.3%	70.9	70.9	0.0	0.0%
60.5%	70.8	70.9	0.1	0.1%
61.7%	70.8	70.8	0.0	0.0%
63.0%	70.7	70.8	0.1	0.1%
64.2%	70.7	70.8	0.1	0.1%
65.4%	70.7	70.7	0.0	0.0%
66.7%	70.6	70.6	0.0	0.0%
67.9%	70.5	70.5	0.0	0.0%
69.1%	70.5	70.4	-0.1	-0.1%
70.4%	70.5	70.4	-0.1	-0.1%
71.6%	70.4	70.2	-0.2	-0.3%
72.8%	70.3	70.2	-0.1	-0.1%
74.1%	70.3	70.1	-0.2	-0.3%
75.3%	70.2	70.1	-0.1	-0.1%
76.5%	70.2	70.1	-0.1	-0.1%
77.8%	70.1	70.0	-0.1	-0.1%
79.0%	70.1	70.0	-0.1	-0.1%
80.2%	70.1	70.0	-0.1	-0.1%
81.5%	70.0	70.0	0.0	0.0%
82.7%	70.0	69.9	-0.1	-0.1%
84.0%	70.0	69.9	-0.1	-0.1%
85.2%	69.9	69.8	-0.1	-0.1%
86.4%	69.9	69.8	-0.1	-0.1%
87.7%	69.9	69.7	-0.2	-0.3%
88.9%	69.7	69.5	-0.2	-0.3%
90.1%	69.5	69.5	0.0	0.0%
91.4%	69.5	69.5	0.0	0.0%
92.6%	69.4	69.5	0.1	0.1%
93.8%	69.4	69.3	-0.1	-0.1%
95.1%	69.3	69.3	0.0	0.0%
96.3%	69.1	68.8	-0.3	-0.4%
97.5%	68.7	68.7	0.0	0.0%
98.8%	68.0	68.3	0.3	0.4%
100.0%	68.0	68.3	0.3	0.4%

September				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.5	73.5	0.0	0.0%
1.2%	72.9	72.8	-0.1	-0.1%
2.5%	71.5	71.4	-0.1	-0.1%
3.7%	71.1	71.2	0.1	0.1%
4.9%	71.1	70.7	-0.4	-0.6%
6.2%	70.9	70.7	-0.2	-0.3%
7.4%	70.9	70.5	-0.4	-0.6%
8.6%	70.7	70.2	-0.5	-0.7%
9.9%	70.7	70.2	-0.5	-0.7%
11.1%	70.7	70.2	-0.5	-0.7%
12.3%	70.6	69.9	-0.7	-1.0%
13.6%	70.4	69.7	-0.7	-1.0%
14.8%	70.3	69.6	-0.7	-1.0%
16.0%	70.1	69.6	-0.5	-0.7%
17.3%	70.0	69.4	-0.6	-0.9%
18.5%	69.9	69.2	-0.7	-1.0%
19.8%	69.7	69.2	-0.5	-0.7%
21.0%	69.7	69.1	-0.6	-0.9%
22.2%	69.7	69.0	-0.7	-1.0%
23.5%	69.5	69.0	-0.5	-0.7%
24.7%	69.4	69.0	-0.4	-0.6%
25.9%	69.3	69.0	-0.3	-0.4%
27.2%	69.2	68.8	-0.4	-0.6%
28.4%	69.1	68.8	-0.3	-0.4%
29.6%	69.0	68.7	-0.3	-0.4%
30.9%	68.9	68.7	-0.2	-0.3%
32.1%	68.9	68.6	-0.3	-0.4%
33.3%	68.7	68.6	-0.1	-0.1%
34.6%	68.7	68.5	-0.2	-0.3%
35.8%	68.6	68.4	-0.2	-0.3%
37.0%	68.5	68.2	-0.3	-0.4%
38.3%	68.5	68.0	-0.5	-0.7%
39.5%	68.5	67.9	-0.6	-0.9%
40.7%	68.3	67.8	-0.5	-0.7%
42.0%	68.2	67.8	-0.4	-0.6%
43.2%	67.9	67.7	-0.2	-0.3%
44.4%	67.9	67.5	-0.4	-0.6%
45.7%	67.8	67.4	-0.4	-0.6%
46.9%	67.6	67.4	-0.2	-0.3%
48.1%	67.5	67.3	-0.2	-0.3%
49.4%	67.5	67.2	-0.3	-0.4%
50.6%	67.3	67.1	-0.2	-0.3%
51.9%	67.3	67.1	-0.2	-0.3%
53.1%	67.2	66.8	-0.4	-0.6%
54.3%	67.2	66.7	-0.5	-0.7%
55.6%	67.2	66.7	-0.5	-0.7%
56.8%	67.0	66.5	-0.5	-0.7%
58.0%	66.9	66.3	-0.6	-0.9%
59.3%	66.7	66.2	-0.5	-0.7%
60.5%	66.7	66.2	-0.5	-0.7%
61.7%	66.6	66.2	-0.4	-0.6%
63.0%	66.5	66.2	-0.3	-0.5%
64.2%	66.4	66.1	-0.3	-0.5%
65.4%	66.4	66.1	-0.3	-0.5%
66.7%	66.3	66.1	-0.2	-0.3%
67.9%	66.2	65.9	-0.3	-0.5%
69.1%	66.2	65.9	-0.3	-0.5%
70.4%	66.1	65.8	-0.3	-0.5%
71.6%	66.1	65.8	-0.3	-0.5%
72.8%	66.1	65.8	-0.3	-0.5%
74.1%	66.0	65.7	-0.3	-0.5%
75.3%	66.0	65.6	-0.4	-0.6%
76.5%	65.9	65.6	-0.3	-0.5%
77.8%	65.8	65.6	-0.2	-0.3%
79.0%	65.8	65.6	-0.2	-0.3%
80.2%	65.8	65.6	-0.2	-0.3%
81.5%	65.5	65.6	0.1	0.2%
82.7%	65.5	65.4	-0.1	-0.2%
84.0%	65.4	65.2	-0.2	-0.3%
85.2%	65.2	65.2	0.0	0.0%
86.4%	65.2	65.2	0.0	0.0%
87.7%	64.8	65.2	0.4	0.6%
88.9%	64.6	64.7	0.1	0.2%
90.1%	64.5	64.7	0.2	0.3%
91.4%	64.5	63.6	-0.9	-1.4%
92.6%	63.8	63.4	-0.4	-0.6%
93.8%	63.5	63.2	-0.3	-0.5%
95.1%	63.0	62.7	-0.3	-0.5%
96.3%	62.6	62.4	-0.2	-0.3%
97.5%	62.4	62.4	0.0	0.0%
98.8%	61.8	61.8	0.0	0.0%
100.0%	61.8	61.8	0.0	0.0%

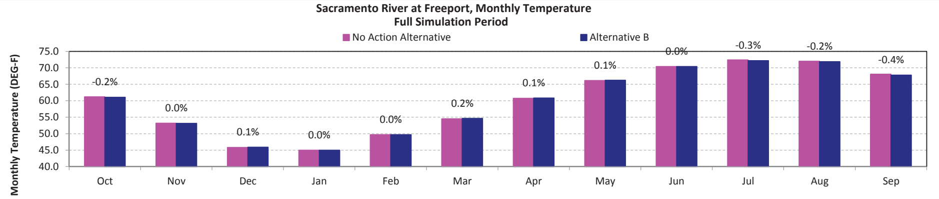
Table SQ-14-5a
Sacramento River at Freeport, Monthly Temperature
Long-term Average and Average by Water Year Type

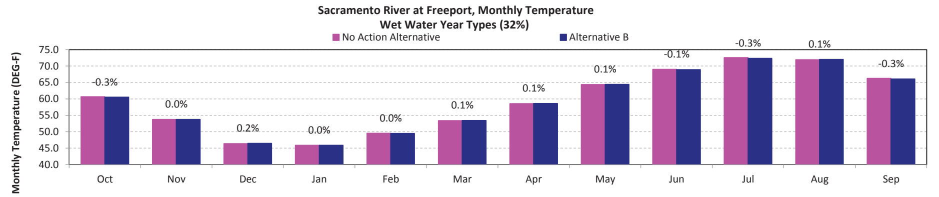
	Monthly Temperature (DEG-F)											
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period[1]												
No Action Alternative	61.2	53.2	45.8	45.0	49.7	54.5	60.7	66.2	70.4	72.5	72.0	68.1
Alternative B	61.1	53.2	45.9	45.0	49.7	54.6	60.8	66.2	70.4	72.2	71.9	67.8
Difference	-0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.0	-0.2	-0.1	-0.3
Percent Difference[3]	-0.2%	0.0%	0.1%	0.0%	0.0%	0.2%	0.1%	0.1%	0.0%	-0.3%	-0.2%	-0.4%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	60.7	53.8	46.4	45.9	49.5	53.4	58.6	64.4	69.0	72.6	72.0	66.2
Alternative B	60.5	53.7	46.5	45.9	49.5	53.4	58.6	64.4	68.9	72.3	72.0	66.1
Difference	-0.2	0.0	0.1	0.0	0.0	0.0	0.1	0.1	-0.1	-0.2	0.1	-0.2
Percent Difference	-0.3%	0.0%	0.2%	0.0%	0.0%	0.1%	0.1%	0.1%	-0.1%	-0.3%	0.1%	-0.3%
Above Normal (15%)												
No Action Alternative	60.5	52.1	45.6	45.1	49.5	54.1	60.6	66.4	70.6	71.5	71.1	67.1
Alternative B	60.3	52.1	45.7	45.2	49.5	54.2	60.7	66.5	70.7	71.1	71.0	67.0
Difference	-0.2	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.0	-0.4	-0.1	-0.1
Percent Difference	-0.3%	0.0%	0.1%	0.0%	0.0%	0.2%	0.2%	0.2%	0.1%	-0.6%	-0.1%	-0.1%
Below Normal (17%)												
No Action Alternative	60.9	53.1	45.9	44.3	49.0	54.6	61.2	66.2	70.7	72.1	72.2	69.4
Alternative B	60.7	53.2	45.9	44.3	49.0	54.8	61.2	66.3	70.8	72.0	72.0	69.1
Difference	-0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.1	0.1	-0.2	-0.1	-0.3
Percent Difference	-0.3%	0.0%	0.1%	0.0%	0.0%	0.4%	0.1%	0.1%	0.1%	-0.2%	-0.1%	-0.4%
Dry (22%)												
No Action Alternative	61.4	53.2	45.8	44.2	49.7	55.3	62.0	67.3	71.7	72.2	71.6	69.1
Alternative B	61.3	53.2	45.9	44.1	49.7	55.4	62.2	67.4	71.8	71.9	71.4	68.7
Difference	-0.1	0.0	0.1	0.0	0.0	0.2	0.2	0.1	0.1	-0.3	-0.3	-0.4
Percent Difference	-0.2%	0.0%	0.2%	0.0%	0.0%	0.3%	0.3%	0.1%	0.1%	-0.4%	-0.4%	-0.5%
Critical (15%)												
No Action Alternative	63.0	52.9	44.7	44.8	51.0	56.1	62.9	67.7	70.9	73.9	73.4	70.0
Alternative B	63.0	52.9	44.7	44.8	51.1	56.1	62.9	67.8	70.7	73.8	72.9	69.5
Difference	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1	-0.2	0.0	-0.5	-0.4
Percent Difference	0.0%	-0.1%	0.1%	0.1%	0.1%	0.2%	0.0%	0.1%	-0.2%	0.0%	-0.7%	-0.6%

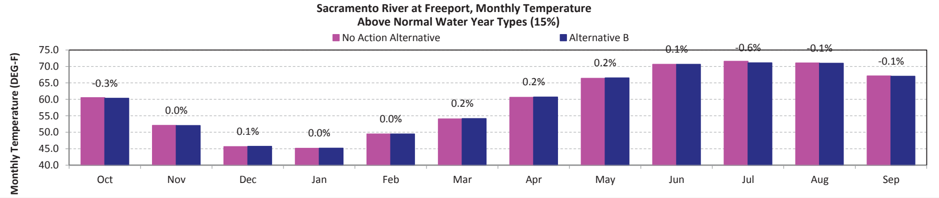
1 Based on the 82-year simulation period

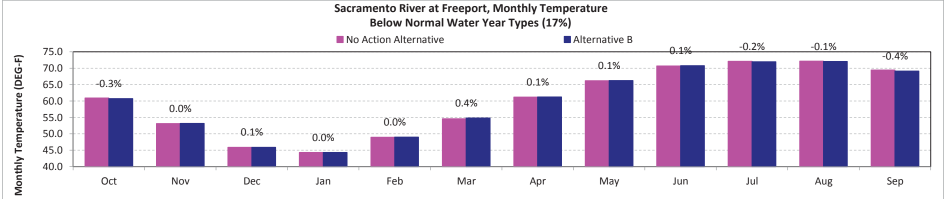
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

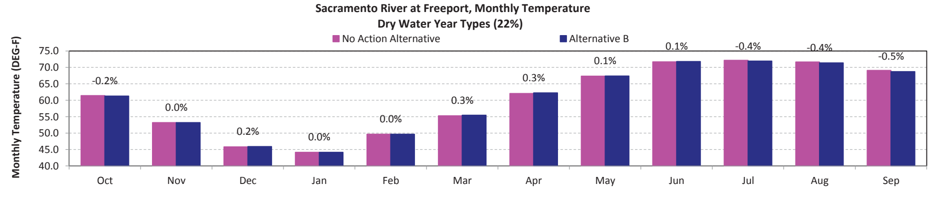
3 Relative difference of the monthly average


Sacramento River at Freeport, Monthly Temperature
Full Simulation Period


Sacramento River at Freeport, Monthly Temperature
Wet Water Year Types (32%)


Sacramento River at Freeport, Monthly Temperature
Above Normal Water Year Types (15%)


Sacramento River at Freeport, Monthly Temperature
Below Normal Water Year Types (17%)


Sacramento River at Freeport, Monthly Temperature
Dry Water Year Types (22%)

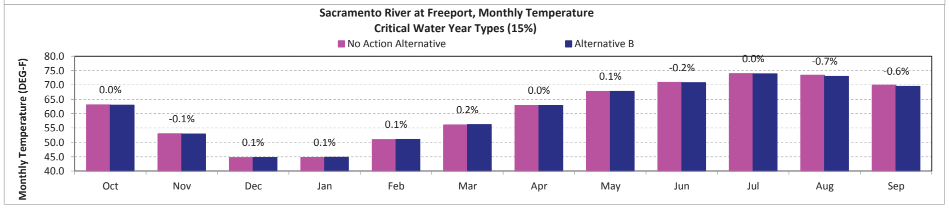

Sacramento River at Freeport, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-14-5b
Sacramento River at Freeport, Monthly Temperature
Probability of Exceedance

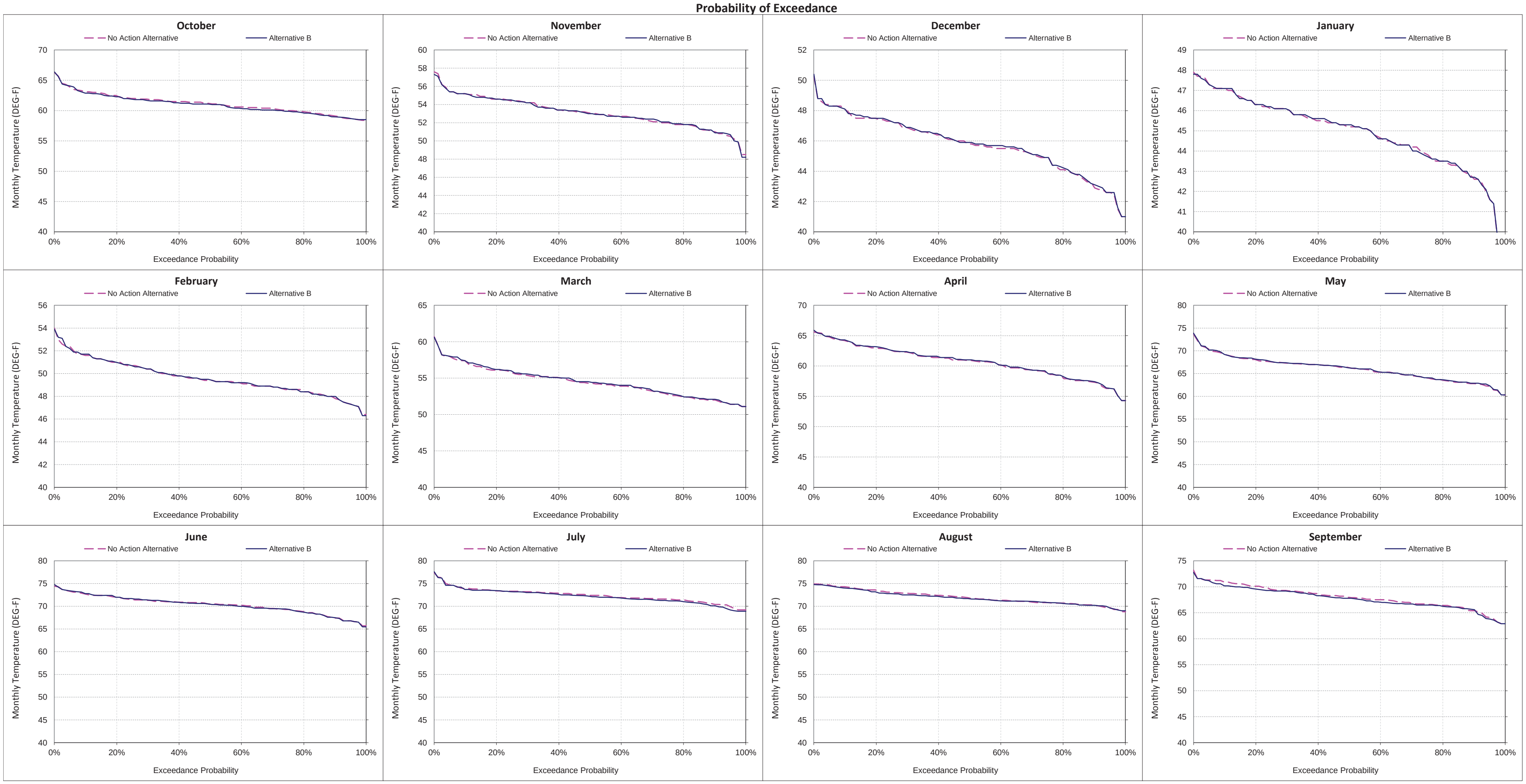


Table SQ-14-5b

Sacramento River at Freeport, Monthly Temperature
Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.3	66.4	0.1	0.2%
1.2%	65.7	65.6	-0.1	-0.2%
2.5%	64.5	64.4	-0.1	-0.2%
3.7%	64.3	64.2	-0.1	-0.2%
4.9%	63.9	64.1	0.2	0.3%
6.2%	63.5	63.9	0.4	0.6%
7.4%	63.4	63.3	-0.1	-0.2%
8.6%	63.3	63.1	-0.2	-0.3%
9.9%	63.1	62.9	-0.2	-0.3%
11.1%	63.1	62.9	-0.2	-0.3%
12.3%	63.0	62.8	-0.2	-0.3%
13.6%	63.0	62.8	-0.2	-0.3%
14.8%	62.9	62.7	-0.2	-0.3%
16.0%	62.8	62.5	-0.3	-0.5%
17.3%	62.5	62.4	-0.1	-0.2%
18.5%	62.5	62.4	-0.1	-0.2%
19.8%	62.5	62.3	-0.2	-0.3%
21.0%	62.2	62.3	0.1	0.2%
22.2%	62.1	62.0	-0.1	-0.2%
23.5%	62.1	62.0	-0.1	-0.2%
24.7%	62.0	61.9	-0.1	-0.2%
25.9%	62.0	61.8	-0.2	-0.3%
27.2%	61.9	61.8	-0.1	-0.2%
28.4%	61.9	61.8	-0.1	-0.2%
29.6%	61.9	61.7	-0.2	-0.3%
30.9%	61.8	61.6	-0.2	-0.3%
32.1%	61.8	61.6	-0.2	-0.3%
33.3%	61.8	61.6	-0.2	-0.3%
34.6%	61.7	61.6	-0.1	-0.2%
35.8%	61.6	61.5	-0.1	-0.2%
37.0%	61.5	61.5	0.0	0.0%
38.3%	61.5	61.3	-0.2	-0.3%
39.5%	61.5	61.3	-0.2	-0.3%
40.7%	61.5	61.2	-0.3	-0.5%
42.0%	61.5	61.2	-0.3	-0.5%
43.2%	61.4	61.2	-0.2	-0.3%
44.4%	61.4	61.1	-0.3	-0.5%
45.7%	61.4	61.1	-0.3	-0.5%
46.9%	61.4	61.1	-0.3	-0.5%
48.1%	61.2	61.1	-0.1	-0.2%
49.4%	61.2	61.1	-0.1	-0.2%
50.6%	61.1	61.0	-0.1	-0.2%
51.9%	61.1	61.0	-0.1	-0.2%
53.1%	60.9	61.0	0.1	0.2%
54.3%	60.9	60.9	0.0	0.0%
55.6%	60.8	60.6	-0.2	-0.3%
56.8%	60.7	60.5	-0.2	-0.3%
58.0%	60.6	60.4	-0.2	-0.3%
59.3%	60.6	60.4	-0.2	-0.3%
60.5%	60.6	60.3	-0.3	-0.5%
61.7%	60.5	60.3	-0.2	-0.3%
63.0%	60.5	60.2	-0.3	-0.5%
64.2%	60.5	60.2	-0.3	-0.5%
65.4%	60.5	60.2	-0.3	-0.5%
66.7%	60.4	60.1	-0.3	-0.5%
67.9%	60.4	60.1	-0.3	-0.5%
69.1%	60.4	60.1	-0.3	-0.5%
70.4%	60.3	60.1	-0.2	-0.3%
71.6%	60.2	60.0	-0.2	-0.3%
72.8%	60.1	60.0	-0.1	-0.2%
74.1%	60.1	59.9	-0.2	-0.3%
75.3%	60.0	59.9	-0.1	-0.2%
76.5%	60.0	59.8	-0.2	-0.3%
77.8%	59.9	59.8	-0.1	-0.2%
79.0%	59.9	59.7	-0.2	-0.3%
80.2%	59.8	59.6	-0.2	-0.3%
81.5%	59.7	59.6	-0.1	-0.2%
82.7%	59.7	59.5	-0.2	-0.3%
84.0%	59.5	59.4	-0.1	-0.2%
85.2%	59.5	59.3	-0.2	-0.3%
86.4%	59.3	59.2	-0.1	-0.2%
87.7%	59.3	59.2	-0.1	-0.2%
88.9%	59.2	59.0	-0.2	-0.3%
90.1%	59.1	59.0	-0.1	-0.2%
91.4%	59.0	58.9	-0.1	-0.2%
92.6%	58.8	58.9	0.1	0.2%
93.8%	58.7	58.8	0.1	0.2%
95.1%	58.7	58.7	0.0	0.0%
96.3%	58.6	58.6	0.0	0.0%
97.5%	58.5	58.5	0.0	0.0%
98.8%	58.4	58.5	0.1	0.2%
100.0%	58.4	58.5	0.1	0.2%

November				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	57.6	57.3	-0.3	-0.5%
1.2%	57.4	57.1	-0.3	-0.5%
2.5%	56.2	56.2	0.0	0.0%
3.7%	55.9	55.8	-0.1	-0.2%
4.9%	55.4	55.4	0.0	0.0%
6.2%	55.4	55.4	0.0	0.0%
7.4%	55.2	55.2	0.0	0.0%
8.6%	55.2	55.2	0.0	0.0%
9.9%	55.2	55.2	0.0	0.0%
11.1%	55.1	55.1	0.0	0.0%
12.3%	55.1	54.9	-0.2	-0.4%
13.6%	55.1	54.8	-0.3	-0.5%
14.8%	54.9	54.8	-0.1	-0.2%
16.0%	54.9	54.8	-0.1	-0.2%
17.3%	54.8	54.7	-0.1	-0.2%
18.5%	54.6	54.7	0.1	0.2%
19.8%	54.6	54.6	0.0	0.0%
21.0%	54.6	54.6	0.0	0.0%
22.2%	54.6	54.5	-0.1	-0.2%
23.5%	54.5	54.5	0.0	0.0%
24.7%	54.4	54.5	0.1	0.2%
25.9%	54.4	54.4	0.0	0.0%
27.2%	54.4	54.3	-0.1	-0.2%
28.4%	54.3	54.3	0.0	0.0%
29.6%	54.3	54.2	-0.1	-0.2%
30.9%	54.2	54.2	0.0	0.0%
32.1%	54.2	53.9	-0.3	-0.6%
33.3%	53.8	53.7	-0.1	-0.2%
34.6%	53.8	53.7	-0.1	-0.2%
35.8%	53.7	53.6	-0.1	-0.2%
37.0%	53.6	53.6	0.0	0.0%
38.3%	53.6	53.6	0.0	0.0%
39.5%	53.4	53.4	0.0	0.0%
40.7%	53.4	53.4	0.0	0.0%
42.0%	53.3	53.4	0.1	0.2%
43.2%	53.3	53.3	0.0	0.0%
44.4%	53.3	53.3	0.0	0.0%
45.7%	53.2	53.3	0.1	0.2%
46.9%	53.2	53.2	0.0	0.0%
48.1%	53.2	53.1	-0.1	-0.2%
49.4%	53.1	53.0	-0.1	-0.2%
50.6%	53.0	53.0	0.0	0.0%
51.9%	53.0	52.9	-0.1	-0.2%
53.1%	52.9	52.9	0.0	0.0%
54.3%	52.9	52.9	0.0	0.0%
55.6%	52.9	52.7	-0.2	-0.4%
56.8%	52.8	52.7	-0.1	-0.2%
58.0%	52.7	52.7	0.0	0.0%
59.3%	52.7	52.7	0.0	0.0%
60.5%	52.7	52.6	-0.1	-0.2%
61.7%	52.7	52.6	-0.1	-0.2%
63.0%	52.6	52.6	0.0	0.0%
64.2%	52.5	52.6	0.1	0.2%
65.4%	52.5	52.5	0.0	0.0%
66.7%	52.4	52.5	0.1	0.2%
67.9%	52.3	52.4	0.1	0.2%
69.1%	52.2	52.4	0.2	0.4%
70.4%	52.1	52.4	0.3	0.6%
71.6%	52.1	52.3	0.2	0.4%
72.8%	52.0	52.1	0.1	0.2%
74.1%	52.0	52.1	0.1	0.2%
75.3%	52.0	52.1	0.1	0.2%
76.5%	51.8	51.9	0.1	0.2%
77.8%	51.8	51.9	0.1	0.2%
79.0%	51.8	51.9	0.1	0.2%
80.2%	51.8	51.8	0.0	0.0%
81.5%	51.8	51.8	0.0	0.0%
82.7%	51.7	51.8	0.1	0.2%
84.0%	51.6	51.7	0.1	0.2%
85.2%	51.3	51.3	0.0	0.0%
86.4%	51.2	51.3	0.1	0.2%
87.7%	51.2	51.2	0.0	0.0%
88.9%	51.1	51.2	0.1	0.2%
90.1%	51.0	50.9	-0.1	-0.2%
91.4%	50.8	50.9	0.1	0.2%
92.6%	50.8	50.9	0.1	0.2%
93.8%	50.6	50.8	0.2	0.4%
95.1%	50.5	50.7	0.2	0.4%
96.3%	50.2	50.0	-0.2	-0.4%
97.5%	49.9	49.9	0.0	0.0%
98.8%	48.5	48.2	-0.3	-0.6%
100.0%	48.5	48.2	-0.3	-0.6%

December				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.3	50.4	0.1	0.2%
1.2%	48.8	48.8	0.0	0.0%
2.5%	48.6	48.8	0.2	0.4%
3.7%	48.4	48.4	0.0	0.0%
4.9%	48.4	48.3	-0.1	-0.2%
6.2%	48.3	48.3	0.0	0.0%
7.4%	48.3	48.3	0.0	0.0%
8.6%	48.3	48.2	-0.1	-0.2%
9.9%	48.1	48.1	0.0	0.0%
11.1%	47.9	47.8	-0.1	-0.2%
12.3%	47.6	47.8	0.2	0.4%
13.6%	47.5	47.7	0.2	0.4%
14.8%	47.5	47.7	0.2	0.4%
16.0%	47.5	47.6	0.1	0.2%
17.3%	47.5	47.6	0.1	0.2%
18.5%	47.5	47.5	0.0	0.0%
19.8%	47.5	47.5	0.0	0.0%
21.0%	47.4	47.5	0.1	0.2%
22.2%	47.4	47.5	0.1	0.2%
23.5%	47.3	47.4	0.1	0.2%
24.7%	47.3	47.3	0.0	0.0%
25.9%	47.2	47.2	0.0	0.0%
27.2%	47.2	47.2	0.0	0.0%
28.4%	46.9	47.1	0.2	0.4%
29.6%	46.9	46.9	0.0	0.0%
30.9%	46.8	46.9	0.1	0.2%
32.1%	46.7	46.8	0.1	0.2%
33.3%	46.7	46.7	0.0	0.0%
34.6%	46.6	46.6	0.0	0.0%
35.8%	46.6	46.6	0.0	0.0%
37.0%	46.5	46.6	0.1	0.2%
38.3%	46.5	46.5	0.0	0.0%
39.5%	46.4	46.5	0.1	0.2%
40.7%	46.4	46.4	0.0	0.0%
42.0%	46.2	46.2	0.0	0.0%
43.2%	46.1	46.2	0.1	0.2%
44.4%	46.1	46.1	0.0	0.0%
45.7%	46.0	46.0	0.0	0.0%
46.9%	46.0	45.9	-0.1	-0.2%
48.1%	46.0	45.9	-0.1	-0.2%
49.4%	45.8	45.9	0.1	0.2%
50.6%	45.8	45.9	0.1	0.2%
51.9%	45.7	45.8	0.1	0.2%
53.1%	45.7	45.8	0.1	0.2%
54.3%	45.7	45.8	0.1	0.2%
55.6%	45.6	45.7	0.1	0.2%
56.8%	45.6	45.7	0.1	0.2%
58.0%	45.5	45.7	0.2	0.4%
59.3%	45.5	45.7	0.2	0.4%
60.5%	45.5	45.7	0.2	0.4%
61.7%	45.5	45.6	0.1	0.2%
63.0%	45.5	45.6	0.1	0.2%
64.2%	45.5	45.6	0.1	0.2%
65.4%	45.4	45.5	0.1	0.2%
66.7%	45.3	45.5	0.2	0.4%
67.9%	45.3	45.3	0.0	0.0%
69.1%	45.2	45.2	0.0	0.0%
70.4%	45.1	45.1	0.0	0.0%
71.6%	45.0	45.1	0.1	0.2%
72.8%	44.9	45.0	0.1	0.2%
74.1%	44.9	44.9	0.0	0.0%
75.3%	44.9	44.9	0.0	0.0%
76.5%	44.4	44.4	0.0	0.0%
77.8%	44.3	44.4	0.1	0.2%
79.0%	44.1	44.3	0.2	0.5%
80.2%	44.1	44.2	0.1	0.2%
81.5%	44.0	44.1	0.1	0.2%
82.7%	43.9	43.9	0.0	0.0%
84.0%	43.8	43.8	0.0	0.0%
85.2%	43.7	43.8	0.1	0.2%
86.4%	43.5	43.6	0.1	0.2%
87.7%	43.3	43.4	0.1	0.2%
88.9%	43.3	43.2	-0.1	-0.2%
90.1%	42.9	43.1	0.2	0.5%
91.4%	42.8	43.0	0.2	0.5%
92.6%	42.8	42.9	0.1	0.2%
93.8%	42.6	42.6	0.0	0.0%
95.1%	42.6	42.6	0.0	0.0%
96.3%	42.5	42.6	0.1	0.2%
97.5%	41.5	41.6	0.1	0.2%
98.8%	41.0	41.0	0.0	0.0%
100.0%	41.0	41.0	0.0	0.0%

January				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.9	47.8	-0.1	-0.2%
1.2%	47.7	47.8	0.1	0.2%
2.5%	47.7	47.6	-0.1	-0.2%
3.7%	47.6	47.5	-0.1	-0.2%
4.9%	47.3	47.3	0.0	0.0%
6.2%	47.1	47.2	0.1	0.2%
7.4%	47.1	47.1	0.0	0.0%
8.6%	47.1	47.1	0.0	0.0%
9.9%	47.1	47.1	0.0	0.0%
11.1%	47.0	47.1	0.1	0.2%
12.3%	47.0	47.1	0.1	0.2%
13.6%	46.8	46.8	0.0	0.0%
14.8%	46.7	46.6	-0.1	-0.2%
16.0%	46.6	46.6	0.0	0.0%
17.3%	46.5	46.5	0.0	0.0%
18.5%	46.5	46.5	0.0	0.0%
19.8%	46.3	46.3	0.0	0.0%
21.0%	46.3	46.3	0.0	0.0%
22.2%	46.2	46.3	0.1	0.2%
23.5%	46.2	46.2	0.0	0.0%
24.7%	46.1	46.2	0.1	0.2%
25.9%	46.1	46.1	0.0	0.0%
27.2%	46.1	46.1	0.0	0.0%
28.4%	46.1	46.1	0.0	0.0%
29.6%	46.1	46.1	0.0	0.0%
30.9%	46.0	46.0	0.0	0.0%
32.1%	45.8	45.8	0.0	0.0%
33.3%	45.8	45.8	0.0	0.0%
34.6%	45.8	45.8	0.0	0.0%
35.8%	45.7	45.8	0.1	0.2%
37.0%	45.6	45.7	0.1	0.2%
38.3%	45.6	45.6	0.0	0.0%
39.5%	45.5	45.6	0.1	0.2%
40.7%	45.5	45.6	0.1	0.2%
42.0%	45.5	45.6	0.1	0.2%
43.2%	45.4	45.5	0.1	0.2%
44.4%	45.4	45.4	0.0	0.0%
45.7%	45.4	45.4	0.0	0.0%
46.9%	45.3	45.3	0.0	0.0%
48.1%	45.3	45.3	0.0	0.0%
49.4%	45.2	45.3	0.1	0.2%
50.6%	45.2	45.3	0.1	0.2%
51.9%	45.2	45.2	0.0	0.0%
53.1%	45.2	45.2	0.0	0.0%
54.3%	45.1	45.1	0.0	0.0%
55.6%	45.1	45.1	0.0	0.0%
56.8%	45.0	45.0	0.0	0.0%
58.0%	44.8	44.8	0.0	0.0%
59.3%	44.7	44.6	-0.1	-0.2%
60.5%	44.6	44.6	0.0	0.0%
61.7%	44.5	44.6	0.1	0.2%
63.0%	44.5	44.5	0.0	0.0%
64.2%	44.4	44.4	0.0	0.0%
65.4%	44.4	44.3	-0.1	-0.2%
66.7%	44.3	44.3	0.0	0.0%
67.9%	44.3	44.3	0.0	0.0%
69.1%	44.3	44.3	0.0	0.0%
70.4%	44.2	44.0	-0.2	-0.5%
71.6%	44.2	44.0	-0.2	-0.5%
72.8%	44.0	43.9	-0.1	-0.2%
74.1%	43.9	43.8	-0.1	-0.2%
75.3%	43.8	43.7	-0.1	-0.2%
76.5%	43.6	43.6	0.0	0.0%
77.8%	43.5	43.6	0.1	0.2%
79.0%	43.5	43.5	0.0	0.0%
80.2%	43.5	43.5	0.0	0.0%
81.5%	43.4	43.5	0.1	0.2%
82.7%	43.3	43.4	0.1	0.2%
84.0%	43.3	43.4	0.1	0.2%
85.2%	43.2	43.2	0.0	0.0%
86.4%	43.0	43.0	0.0	0.0%
87.7%	42.9	43.0	0.1	0.2%
88.9%	42.8	42.7	-0.1	-0.2%
90.1%	42.6	42.7	0.1	0.2%
91.4%	42.6	42.6	0.0	0.0%
92.6%	42.4	42.3	-0.1	-0.2%
93.8%	42.0	42.1	0.1	0.2%
95.1%	41.6	41.6	0.0	0.0%
96.3%	41.4	41.4	0.0	0.0%
97.5%	39.7	39.7	0.0	0.0%
98.8%	39.2	39.2	0.0	0.0%
100.0%	39.2	39.2	0.0	0.0%

Table SQ-14-5b

Sacramento River at Freeport, Monthly Temperature
Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.0	53.9	-0.1	-0.2%
1.2%	53.0	53.2	0.2	0.4%
2.5%	52.6	53.1	0.5	1.0%
3.7%	52.4	52.4	0.0	0.0%
4.9%	52.4	52.2	-0.2	-0.4%
6.2%	52.0	51.9	-0.1	-0.2%
7.4%	51.7	51.9	0.2	0.4%
8.6%	51.7	51.7	0.0	0.0%
9.9%	51.6	51.7	0.1	0.2%
11.1%	51.6	51.7	0.1	0.2%
12.3%	51.4	51.4	0.0	0.0%
13.6%	51.3	51.3	0.0	0.0%
14.8%	51.3	51.3	0.0	0.0%
16.0%	51.2	51.2	0.0	0.0%
17.3%	51.1	51.1	0.0	0.0%
18.5%	51.0	51.1	0.1	0.2%
19.8%	51.0	51.0	0.0	0.0%
21.0%	51.0	50.9	-0.1	-0.2%
22.2%	50.8	50.8	0.0	0.0%
23.5%	50.7	50.8	0.1	0.2%
24.7%	50.7	50.7	0.0	0.0%
25.9%	50.7	50.6	-0.1	-0.2%
27.2%	50.6	50.6	0.0	0.0%
28.4%	50.5	50.5	0.0	0.0%
29.6%	50.4	50.4	0.0	0.0%
30.9%	50.4	50.4	0.0	0.0%
32.1%	50.2	50.2	0.0	0.0%
33.3%	50.1	50.1	0.0	0.0%
34.6%	50.0	50.1	0.1	0.2%
35.8%	50.0	50.0	0.0	0.0%
37.0%	49.9	49.9	0.0	0.0%
38.3%	49.8	49.9	0.1	0.2%
39.5%	49.8	49.8	0.0	0.0%
40.7%	49.8	49.8	0.0	0.0%
42.0%	49.7	49.7	0.0	0.0%
43.2%	49.6	49.7	0.1	0.2%
44.4%	49.6	49.6	0.0	0.0%
45.7%	49.6	49.6	0.0	0.0%
46.9%	49.5	49.5	0.0	0.0%
48.1%	49.4	49.5	0.1	0.2%
49.4%	49.4	49.5	0.1	0.2%
50.6%	49.4	49.4	0.0	0.0%
51.9%	49.3	49.3	0.0	0.0%
53.1%	49.3	49.3	0.0	0.0%
54.3%	49.3	49.3	0.0	0.0%
55.6%	49.3	49.3	0.0	0.0%
56.8%	49.3	49.2	-0.1	-0.2%
58.0%	49.2	49.2	0.0	0.0%
59.3%	49.2	49.2	0.0	0.0%
60.5%	49.1	49.2	0.1	0.2%
61.7%	49.1	49.2	0.1	0.2%
63.0%	49.0	49.1	0.1	0.2%
64.2%	48.9	49.0	0.1	0.2%
65.4%	48.9	48.9	0.0	0.0%
66.7%	48.9	48.9	0.0	0.0%
67.9%	48.9	48.9	0.0	0.0%
69.1%	48.9	48.9	0.0	0.0%
70.4%	48.8	48.8	0.0	0.0%
71.6%	48.8	48.8	0.0	0.0%
72.8%	48.7	48.7	0.0	0.0%
74.1%	48.6	48.7	0.1	0.2%
75.3%	48.6	48.6	0.0	0.0%
76.5%	48.6	48.6	0.0	0.0%
77.8%	48.6	48.6	0.0	0.0%
79.0%	48.6	48.4	-0.2	-0.4%
80.2%	48.4	48.4	0.0	0.0%
81.5%	48.4	48.4	0.0	0.0%
82.7%	48.3	48.2	-0.1	-0.2%
84.0%	48.2	48.2	0.0	0.0%
85.2%	48.2	48.1	-0.1	-0.2%
86.4%	48.1	48.1	0.0	0.0%
87.7%	48.0	48.0	0.0	0.0%
88.9%	48.0	48.0	0.0	0.0%
90.1%	47.8	48.0	0.2	0.4%
91.4%	47.7	47.7	0.0	0.0%
92.6%	47.5	47.5	0.0	0.0%
93.8%	47.4	47.4	0.0	0.0%
95.1%	47.3	47.3	0.0	0.0%
96.3%	47.2	47.2	0.0	0.0%
97.5%	47.1	47.1	0.0	0.0%
98.8%	46.4	46.3	-0.1	-0.2%
100.0%	46.4	46.3	-0.1	-0.2%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.7	60.6	-0.1	-0.2%
1.2%	59.5	59.5	0.0	0.0%
2.5%	58.2	58.2	0.0	0.0%
3.7%	58.0	58.1	0.1	0.2%
4.9%	58.0	58.0	0.0	0.0%
6.2%	57.7	57.9	0.2	0.3%
7.4%	57.5	57.9	0.4	0.7%
8.6%	57.4	57.5	0.1	0.2%
9.9%	57.4	57.4	0.0	0.0%
11.1%	56.9	57.1	0.2	0.4%
12.3%	56.8	57.1	0.3	0.5%
13.6%	56.6	56.9	0.3	0.5%
14.8%	56.6	56.8	0.2	0.4%
16.0%	56.3	56.6	0.3	0.5%
17.3%	56.2	56.5	0.3	0.5%
18.5%	56.1	56.3	0.2	0.4%
19.8%	56.1	56.2	0.1	0.2%
21.0%	56.1	56.2	0.1	0.2%
22.2%	56.1	56.1	0.0	0.0%
23.5%	56.0	56.1	0.1	0.2%
24.7%	55.8	56.0	0.2	0.4%
25.9%	55.6	55.7	0.1	0.2%
27.2%	55.5	55.7	0.2	0.4%
28.4%	55.5	55.6	0.1	0.2%
29.6%	55.4	55.6	0.2	0.4%
30.9%	55.3	55.5	0.2	0.4%
32.1%	55.2	55.4	0.2	0.4%
33.3%	55.2	55.4	0.2	0.4%
34.6%	55.2	55.2	0.0	0.0%
35.8%	55.2	55.2	0.0	0.0%
37.0%	55.2	55.1	-0.1	-0.2%
38.3%	55.1	55.1	0.0	0.0%
39.5%	55.1	55.1	0.0	0.0%
40.7%	55.0	55.0	0.0	0.0%
42.0%	54.9	55.0	0.1	0.2%
43.2%	54.7	55.0	0.3	0.5%
44.4%	54.6	54.8	0.2	0.4%
45.7%	54.5	54.5	0.0	0.0%
46.9%	54.4	54.5	0.1	0.2%
48.1%	54.4	54.5	0.1	0.2%
49.4%	54.3	54.5	0.2	0.4%
50.6%	54.3	54.4	0.1	0.2%
51.9%	54.2	54.4	0.2	0.4%
53.1%	54.2	54.3	0.1	0.2%
54.3%	54.1	54.3	0.2	0.4%
55.6%	54.1	54.2	0.1	0.2%
56.8%	54.1	54.2	0.1	0.2%
58.0%	53.9	54.1	0.2	0.4%
59.3%	53.9	54.0	0.1	0.2%
60.5%	53.9	54.0	0.1	0.2%
61.7%	53.9	54.0	0.1	0.2%
63.0%	53.8	54.0	0.2	0.4%
64.2%	53.8	53.7	-0.1	-0.2%
65.4%	53.7	53.7	0.0	0.0%
66.7%	53.5	53.7	0.2	0.4%
67.9%	53.4	53.6	0.2	0.4%
69.1%	53.3	53.5	0.2	0.4%
70.4%	53.2	53.2	0.0	0.0%
71.6%	53.1	53.2	0.1	0.2%
72.8%	53.0	53.1	0.1	0.2%
74.1%	52.9	53.0	0.1	0.2%
75.3%	52.7	52.9	0.2	0.4%
76.5%	52.6	52.8	0.2	0.4%
77.8%	52.6	52.7	0.1	0.2%
79.0%	52.5	52.6	0.1	0.2%
80.2%	52.4	52.4	0.0	0.0%
81.5%	52.4	52.4	0.0	0.0%
82.7%	52.3	52.4	0.1	0.2%
84.0%	52.1	52.3	0.2	0.4%
85.2%	52.1	52.2	0.1	0.2%
86.4%	52.1	52.2	0.1	0.2%
87.7%	52.0	52.1	0.1	0.2%
88.9%	52.0	52.1	0.1	0.2%
90.1%	52.0	52.1	0.1	0.2%
91.4%	51.8	52.0	0.2	0.4%
92.6%	51.6	51.7	0.1	0.2%
93.8%	51.6	51.6	0.0	0.0%
95.1%	51.4	51.4	0.0	0.0%
96.3%	51.4	51.4	0.0	0.0%
97.5%	51.3	51.4	0.1	0.2%
98.8%	51.1	51.1	0.0	0.0%
100.0%	51.1	51.1	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.6	65.9	0.3	0.5%
1.2%	65.5	65.4	-0.1	-0.2%
2.5%	65.4	65.3	-0.1	-0.2%
3.7%	64.9	64.9	0.0	0.0%
4.9%	64.8	64.9	0.1	0.2%
6.2%	64.5	64.7	0.2	0.3%
7.4%	64.4	64.5	0.1	0.2%
8.6%	64.3	64.3	0.0	0.0%
9.9%	64.2	64.3	0.1	0.2%
11.1%	64.0	64.1	0.1	0.2%
12.3%	63.8	63.9	0.1	0.2%
13.6%	63.3	63.4	0.1	0.2%
14.8%	63.3	63.4	0.1	0.2%
16.0%	63.3	63.3	0.0	0.0%
17.3%	63.2	63.3	0.1	0.2%
18.5%	63.0	63.2	0.2	0.3%
19.8%	63.0	63.2	0.2	0.3%
21.0%	62.9	63.1	0.2	0.3%
22.2%	62.9	63.0	0.1	0.2%
23.5%	62.8	62.8	0.0	0.0%
24.7%	62.6	62.6	0.0	0.0%
25.9%	62.4	62.5	0.1	0.2%
27.2%	62.4	62.4	0.0	0.0%
28.4%	62.3	62.4	0.1	0.2%
29.6%	62.3	62.4	0.1	0.2%
30.9%	62.2	62.2	0.0	0.0%
32.1%	62.0	62.2	0.2	0.3%
33.3%	61.7	61.8	0.1	0.2%
34.6%	61.6	61.7	0.1	0.2%
35.8%	61.6	61.6	0.0	0.0%
37.0%	61.5	61.6	0.1	0.2%
38.3%	61.4	61.6	0.2	0.3%
39.5%	61.4	61.6	0.2	0.3%
40.7%	61.4	61.4	0.0	0.0%
42.0%	61.3	61.4	0.1	0.2%
43.2%	61.3	61.4	0.1	0.2%
44.4%	61.0	61.4	0.4	0.7%
45.7%	61.0	61.1	0.1	0.2%
46.9%	61.0	61.1	0.1	0.2%
48.1%	61.0	61.0	0.0	0.0%
49.4%	60.9	61.0	0.1	0.2%
50.6%	60.9	61.0	0.1	0.2%
51.9%	60.8	60.9	0.1	0.2%
53.1%	60.7	60.9	0.2	0.3%
54.3%	60.7	60.8	0.1	0.2%
55.6%	60.7	60.8	0.1	0.2%
56.8%	60.6	60.7	0.1	0.2%
58.0%	60.6	60.6	0.0	0.0%
59.3%	60.2	60.2	0.0	0.0%
60.5%	60.1	60.1	0.0	0.0%
61.7%	59.8	60.1	0.3	0.5%
63.0%	59.7	59.8	0.1	0.2%
64.2%	59.7	59.8	0.1	0.2%
65.4%	59.7	59.8	0.1	0.2%
66.7%	59.6	59.7	0.1	0.2%
67.9%	59.4	59.5	0.1	0.2%
69.1%	59.4	59.4	0.0	0.0%
70.4%	59.3	59.3	0.0	0.0%
71.6%	59.2	59.3	0.1	0.2%
72.8%	59.2	59.2	0.0	0.0%
74.1%	59.1	59.2	0.1	0.2%
75.3%	58.6	58.7	0.1	0.2%
76.5%	58.6	58.7	0.1	0.2%
77.8%	58.5	58.5	0.0	0.0%
79.0%	58.5	58.5	0.0	0.0%
80.2%	57.9	58.2	0.3	0.5%
81.5%	57.9	57.9	0.0	0.0%
82.7%	57.7	57.8	0.1	0.2%
84.0%	57.6	57.7	0.1	0.2%
85.2%	57.6	57.7	0.1	0.2%
86.4%	57.6	57.6	0.0	0.0%
87.7%	57.5	57.6	0.1	0.2%
88.9%	57.4	57.5	0.1	0.2%
90.1%	57.3	57.4	0.1	0.2%
91.4%	57.2	57.2	0.0	0.0%
92.6%	56.6	56.9	0.3	0.5%
93.8%	56.3	56.4	0.1	0.2%
95.1%	56.3	56.3	0.0	0.0%
96.3%	56.2	56.2	0.0	0.0%
97.5%	55.1	55.1	0.0	0.0%
98.8%	54.3	54.3	0.0	0.0%
100.0%	54.3	54.3	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.7	73.9	0.2	0.3%
1.2%	72.3	72.5	0.2	0.3%
2.5%	71.1	71.1	0.0	0.0%
3.7%	70.8	71.0	0.2	0.3%
4.9%	70.4	70.2	-0.2	-0.3%
6.2%	69.9	70.2	0.3	0.4%
7.4%	69.8	70.1	0.3	0.4%
8.6%	69.6	69.8	0.2	0.3%
9.9%	69.2	69.2	0.0	0.0%
11.1%	69.0	69.0	0.0	0.0%
12.3%	68.8	68.7	-0.1	-0.1%
13.6%	68.6	68.6	0.0	0.0%
14.8%	68.4	68.5	0.1	0.1%
16.0%	68.3	68.5	0.2	0.3%
17.3%	68.3	68.4	0.1	0.1%
18.5%	68.1	68.4	0.3	0.4%
19.8%	68.1	68.2	0.1	0.1%
21.0%	67.8	68.1	0.3	0.4%
22.2%	67.7	68.0	0.3	0.4%
23.5%	67.7	67.9	0.2	0.3%
24.7%	67.6	67.7	0.1	0.1%
25.9%	67.5	67.5	0.0	0.0%
27.2%	67.5	67.4	-0.1	-0.1%
28.4%	67.4	67.4	0.0	0.0%
29.6%	67.3	67.4	0.1	0.1%
30.9%	67.3	67.3	0.0	0.0%
32.1%	67.2	67.2	0.0	0.0%
33.3%	67.2	67.2	0.0	0.0%
34.6%	67.1	67.2	0.1	0.1%
35.8%	67.1	67.1	0.0	0.0%
37.0%	67.0	67.0	0.0	0.0%
38.3%	67.0	67.0	0.0	0.0%
39.5%	67.0	67.0	0.0	0.0%
40.7%	66.9	66.9	0.0	0.0%
42.0%	66.8	66.8	0.0	0.0%
43.2%	66.8	66.8	0.0	0.0%
44.4%	66.7	66.7	0.0	0.0%
45.7%	66.6	66.7	0.1	0.2%
46.9%	66.4	66.6	0.2	0.3%
48.1%	66.4	66.5	0.1	0.2%
49.4%	66.4	66.3	-0.1	-0.2%
50.6%	66.2	66.2	0.0	0.0%
51.9%	66.1	66.2	0.1	0.2%
53.1%	66.0	66.0	0.0	0.0%
54.3%	66.0	66.0	0.0	0.0%
55.6%	65.9	66.0	0.1	0.2%
56.8%	65.8	66.0	0.2	0.3%
58.0%	65.4	65.6	0.2	0.3%
59.3%	65.3	65.4	0.1	0.2%
60.5%	65.3	65.3	0.0	0.0%
61.7%	65.3	65.3	0.0	0.0%
63.0%	65.3	65.2	-0.1	-0.2%
64.2%	65.1	65.1	0.0	0.0%
65.4%	65.1	65.1	0.0	0.0%
66.7%	64.8	64.9	0.1	0.2%
67.9%	64.7	64.7	0.0	0.0%
69.1%	64.7	64.7	0.0	0.0%
70.4%	64.5	64.7	0.2	0.3%
71.6%	64.4	64.4	0.0	0.0%
72.8%	64.3	64.3	0.0	0.0%
74.1%	64.1	64.1	0.0	0.0%
75.3%	64.0	64.1	0.1	0.2%
76.5%	63.8	64.0	0.2	0.3%
77.8%	63.7	63.7	0.0	0.0%
79.0%	63.7	63.7	0.0	0.0%
80.2%	63.5	63.6	0.1	0.2%
81.5%	63.4	63.5	0.1	0.2%
82.7%	63.3	63.4	0.1	0.2%
84.0%	63.1	63.3	0.2	0.3%
85.2%	63.1	63.1	0.0	0.0%
86.4%	63.1	63.1	0.0	0.0%
87.7%	62.9	63.1	0.2	0.3%
88.9%	62.8	62.9	0.1	0.2%
90.1%	62.8	62.9	0.1	0.2%
91.4%	62.7	62.9	0.2	0.3%
92.6%	62.6	62.7	0.1	0.2%
93.8%	62.3	62.7	0.4	0.6%
95.1%	62.2	62.3	0.1	0.2%
96.3%	61.4	61.5	0.1	0.2%
97.5%	61.3	61.4	0.1	0.2%
98.8%	60.3	60.3	0.0	0.0%
100.0%	60.3	60.3	0.0	0.0%

Table SQ-14-5b

Sacramento River at Freeport, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	74.4	74.8	0.4	0.5%
1.2%	74.3	74.2	-0.1	-0.1%
2.5%	73.7	73.7	0.0	0.0%
3.7%	73.5	73.5	0.0	0.0%
4.9%	73.3	73.4	0.1	0.1%
6.2%	73.1	73.3	0.2	0.3%
7.4%	73.1	73.2	0.1	0.1%
8.6%	72.9	73.1	0.2	0.3%
9.9%	72.7	72.8	0.1	0.1%
11.1%	72.5	72.8	0.3	0.4%
12.3%	72.4	72.5	0.1	0.1%
13.6%	72.4	72.4	0.0	0.0%
14.8%	72.4	72.4	0.0	0.0%
16.0%	72.4	72.4	0.0	0.0%
17.3%	72.3	72.4	0.1	0.1%
18.5%	72.1	72.4	0.3	0.4%
19.8%	72.0	72.0	0.0	0.0%
21.0%	71.9	72.0	0.1	0.1%
22.2%	71.7	71.7	0.0	0.0%
23.5%	71.6	71.7	0.1	0.1%
24.7%	71.5	71.7	0.2	0.3%
25.9%	71.4	71.6	0.2	0.3%
27.2%	71.4	71.6	0.2	0.3%
28.4%	71.4	71.4	0.0	0.0%
29.6%	71.3	71.4	0.1	0.1%
30.9%	71.3	71.3	0.0	0.0%
32.1%	71.1	71.3	0.2	0.3%
33.3%	71.1	71.3	0.2	0.3%
34.6%	71.1	71.2	0.1	0.1%
35.8%	71.0	71.1	0.1	0.1%
37.0%	71.0	71.0	0.0	0.0%
38.3%	71.0	70.9	-0.1	-0.1%
39.5%	70.9	70.9	0.0	0.0%
40.7%	70.9	70.8	-0.1	-0.1%
42.0%	70.9	70.8	-0.1	-0.1%
43.2%	70.8	70.7	-0.1	-0.1%
44.4%	70.8	70.7	-0.1	-0.1%
45.7%	70.8	70.6	-0.2	-0.3%
46.9%	70.8	70.6	-0.2	-0.3%
48.1%	70.7	70.6	-0.1	-0.1%
49.4%	70.5	70.5	0.0	0.0%
50.6%	70.5	70.4	-0.1	-0.1%
51.9%	70.5	70.4	-0.1	-0.1%
53.1%	70.4	70.3	-0.1	-0.1%
54.3%	70.4	70.3	-0.1	-0.1%
55.6%	70.4	70.2	-0.2	-0.3%
56.8%	70.3	70.2	-0.1	-0.1%
58.0%	70.3	70.1	-0.2	-0.3%
59.3%	70.2	70.0	-0.2	-0.3%
60.5%	70.2	70.0	-0.2	-0.3%
61.7%	70.1	69.9	-0.2	-0.3%
63.0%	70.1	69.8	-0.3	-0.4%
64.2%	69.8	69.6	-0.2	-0.3%
65.4%	69.8	69.6	-0.2	-0.3%
66.7%	69.8	69.6	-0.2	-0.3%
67.9%	69.6	69.6	0.0	0.0%
69.1%	69.5	69.5	0.0	0.0%
70.4%	69.5	69.5	0.0	0.0%
71.6%	69.4	69.5	0.1	0.1%
72.8%	69.4	69.4	0.0	0.0%
74.1%	69.3	69.4	0.1	0.1%
75.3%	69.3	69.3	0.0	0.0%
76.5%	69.0	69.1	0.1	0.1%
77.8%	69.0	68.9	-0.1	-0.1%
79.0%	68.9	68.8	-0.1	-0.1%
80.2%	68.8	68.7	-0.1	-0.1%
81.5%	68.6	68.5	-0.1	-0.1%
82.7%	68.6	68.5	-0.1	-0.1%
84.0%	68.3	68.3	0.0	0.0%
85.2%	68.3	68.3	0.0	0.0%
86.4%	68.0	68.0	0.0	0.0%
87.7%	67.7	67.6	-0.1	-0.1%
88.9%	67.6	67.6	0.0	0.0%
90.1%	67.4	67.5	0.1	0.1%
91.4%	67.4	67.3	-0.1	-0.1%
92.6%	66.9	66.8	-0.1	-0.1%
93.8%	66.8	66.8	0.0	0.0%
95.1%	66.8	66.8	0.0	0.0%
96.3%	66.6	66.6	0.0	0.0%
97.5%	66.6	66.5	-0.1	-0.2%
98.8%	65.7	65.5	-0.2	-0.3%
100.0%	65.7	65.5	-0.2	-0.3%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	77.4	77.6	0.2	0.3%
1.2%	76.4	76.3	-0.1	-0.1%
2.5%	76.3	76.2	-0.1	-0.1%
3.7%	75.0	74.6	-0.4	-0.5%
4.9%	74.7	74.6	-0.1	-0.1%
6.2%	74.6	74.6	0.0	0.0%
7.4%	74.3	74.2	-0.1	-0.1%
8.6%	74.0	74.2	0.2	0.3%
9.9%	73.9	73.7	-0.2	-0.3%
11.1%	73.9	73.7	-0.2	-0.3%
12.3%	73.8	73.5	-0.3	-0.4%
13.6%	73.8	73.5	-0.3	-0.4%
14.8%	73.7	73.5	-0.2	-0.3%
16.0%	73.6	73.5	-0.1	-0.1%
17.3%	73.6	73.5	-0.1	-0.1%
18.5%	73.5	73.5	0.0	0.0%
19.8%	73.4	73.4	0.0	0.0%
21.0%	73.4	73.4	0.0	0.0%
22.2%	73.3	73.3	0.0	0.0%
23.5%	73.3	73.3	0.0	0.0%
24.7%	73.3	73.2	-0.1	-0.1%
25.9%	73.3	73.2	-0.1	-0.1%
27.2%	73.3	73.2	-0.1	-0.1%
28.4%	73.2	73.1	-0.1	-0.1%
29.6%	73.2	73.0	-0.2	-0.3%
30.9%	73.2	73.0	-0.2	-0.3%
32.1%	73.1	73.0	-0.1	-0.1%
33.3%	73.1	73.0	-0.1	-0.1%
34.6%	73.0	72.9	-0.1	-0.1%
35.8%	73.0	72.8	-0.2	-0.3%
37.0%	73.0	72.8	-0.2	-0.3%
38.3%	72.9	72.8	-0.1	-0.1%
39.5%	72.9	72.6	-0.3	-0.4%
40.7%	72.8	72.5	-0.3	-0.4%
42.0%	72.8	72.5	-0.3	-0.4%
43.2%	72.8	72.5	-0.3	-0.4%
44.4%	72.6	72.4	-0.2	-0.3%
45.7%	72.6	72.4	-0.2	-0.3%
46.9%	72.6	72.4	-0.2	-0.3%
48.1%	72.6	72.3	-0.3	-0.4%
49.4%	72.4	72.2	-0.2	-0.3%
50.6%	72.4	72.1	-0.3	-0.4%
51.9%	72.4	72.1	-0.3	-0.4%
53.1%	72.4	72.0	-0.4	-0.6%
54.3%	72.4	72.0	-0.4	-0.6%
55.6%	72.3	72.0	-0.3	-0.4%
56.8%	72.1	71.9	-0.2	-0.3%
58.0%	71.9	71.9	0.0	0.0%
59.3%	71.9	71.8	-0.1	-0.1%
60.5%	71.9	71.8	-0.1	-0.1%
61.7%	71.8	71.7	-0.1	-0.1%
63.0%	71.8	71.6	-0.2	-0.3%
64.2%	71.8	71.6	-0.2	-0.3%
65.4%	71.8	71.5	-0.3	-0.4%
66.7%	71.8	71.5	-0.3	-0.4%
67.9%	71.7	71.5	-0.2	-0.3%
69.1%	71.7	71.5	-0.2	-0.3%
70.4%	71.7	71.4	-0.3	-0.4%
71.6%	71.6	71.3	-0.3	-0.4%
72.8%	71.6	71.3	-0.3	-0.4%
74.1%	71.6	71.3	-0.3	-0.4%
75.3%	71.6	71.2	-0.4	-0.6%
76.5%	71.5	71.2	-0.3	-0.4%
77.8%	71.4	71.2	-0.2	-0.3%
79.0%	71.4	71.1	-0.3	-0.4%
80.2%	71.4	71.0	-0.4	-0.6%
81.5%	71.2	70.9	-0.3	-0.4%
82.7%	71.1	70.8	-0.3	-0.4%
84.0%	71.1	70.8	-0.3	-0.4%
85.2%	71.0	70.7	-0.3	-0.4%
86.4%	70.9	70.5	-0.4	-0.6%
87.7%	70.7	70.4	-0.3	-0.4%
88.9%	70.6	70.1	-0.5	-0.7%
90.1%	70.4	70.1	-0.3	-0.4%
91.4%	70.4	69.9	-0.5	-0.7%
92.6%	70.3	69.8	-0.5	-0.7%
93.8%	70.3	69.5	-0.8	-1.1%
95.1%	69.9	69.2	-0.7	-1.0%
96.3%	69.5	69.0	-0.5	-0.7%
97.5%	69.2	68.9	-0.3	-0.4%
98.8%	69.2	68.9	-0.3	-0.4%
100.0%	69.2	68.9	-0.3	-0.4%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	74.9	74.8	-0.1	-0.1%
1.2%	74.9	74.7	-0.2	-0.3%
2.5%	74.8	74.7	-0.1	-0.1%
3.7%	74.8	74.6	-0.2	-0.3%
4.9%	74.7	74.5	-0.2	-0.3%
6.2%	74.4	74.4	0.0	0.0%
7.4%	74.4	74.2	-0.2	-0.3%
8.6%	74.3	74.1	-0.2	-0.3%
9.9%	74.3	74.0	-0.3	-0.4%
11.1%	74.2	74.0	-0.2	-0.3%
12.3%	74.1	73.9	-0.2	-0.3%
13.6%	73.9	73.8	-0.1	-0.1%
14.8%	73.8	73.7	-0.1	-0.1%
16.0%	73.7	73.6	-0.1	-0.1%
17.3%	73.6	73.5	-0.1	-0.1%
18.5%	73.6	73.2	-0.4	-0.5%
19.8%	73.6	73.2	-0.4	-0.5%
21.0%	73.3	72.9	-0.4	-0.5%
22.2%	73.3	72.9	-0.4	-0.5%
23.5%	73.1	72.8	-0.3	-0.4%
24.7%	73.1	72.8	-0.3	-0.4%
25.9%	73.0	72.7	-0.3	-0.4%
27.2%	73.0	72.7	-0.3	-0.4%
28.4%	72.9	72.5	-0.4	-0.5%
29.6%	72.9	72.5	-0.4	-0.5%
30.9%	72.8	72.5	-0.3	-0.4%
32.1%	72.8	72.5	-0.3	-0.4%
33.3%	72.7	72.4	-0.3	-0.4%
34.6%	72.7	72.3	-0.4	-0.6%
35.8%	72.7	72.3	-0.4	-0.6%
37.0%	72.5	72.2	-0.3	-0.4%
38.3%	72.5	72.2	-0.3	-0.4%
39.5%	72.4	72.2	-0.2	-0.3%
40.7%	72.4	72.1	-0.3	-0.4%
42.0%	72.3	72.0	-0.3	-0.4%
43.2%	72.3	72.0	-0.3	-0.4%
44.4%	72.2	72.0	-0.2	-0.3%
45.7%	72.1	71.8	-0.3	-0.4%
46.9%	72.1	71.8	-0.3	-0.4%
48.1%	72.0	71.7	-0.3	-0.4%
49.4%	71.9	71.7	-0.2	-0.3%
50.6%	71.7	71.6	-0.1	-0.1%
51.9%	71.7	71.6	-0.1	-0.1%
53.1%	71.6	71.5	-0.1	-0.1%
54.3%	71.6	71.5	-0.1	-0.1%
55.6%	71.6	71.4	-0.2	-0.3%
56.8%	71.4	71.4	0.0	0.0%
58.0%	71.3	71.3	0.0	0.0%
59.3%	71.3	71.2	-0.1	-0.1%
60.5%	71.3	71.2	-0.1	-0.1%
61.7%	71.3	71.1	-0.2	-0.3%
63.0%	71.2	71.1	-0.1	-0.1%
64.2%	71.2	71.1	-0.1	-0.1%
65.4%	71.1	71.1	0.0	0.0%
66.7%	71.1	71.1	0.0	0.0%
67.9%	71.1	71.1	0.0	0.0%
69.1%	71.0	71.1	0.1	0.1%
70.4%	70.9	71.0	0.1	0.1%
71.6%	70.8	71.0	0.2	0.3%
72.8%	70.8	70.9	0.1	0.1%
74.1%	70.8	70.9	0.1	0.1%
75.3%	70.8	70.8	0.0	0.0%
76.5%	70.7	70.8	0.1	0.1%
77.8%	70.7	70.8	0.1	0.1%
79.0%	70.7	70.7	0.0	0.0%
80.2%	70.7	70.6	-0.1	-0.1%
81.5%	70.6	70.5	-0.1	-0.1%
82.7%	70.6	70.5	-0.1	-0.1%
84.0%	70.5	70.5	0.0	0.0%
85.2%	70.4	70.3	-0.1	-0.1%
86.4%	70.3	70.3	0.0	0.0%
87.7%	70.3	70.2	-0.1	-0.1%
88.9%	70.3	70.2	-0.1	-0.1%
90.1%	70.2	70.2	0.0	0.0%
91.4%	70.1	70.1	0.0	0.0%
92.6%	69.9	70.1	0.2	0.3%
93.8%	69.7	70.0	0.3	0.4%
95.1%	69.7	69.6	-0.1	-0.1%
96.3%	69.3	69.4	0.1	0.1%
97.5%	69.3	69.2	-0.1	-0.1%
98.8%	68.8	69.0	0.2	0.3%
100.0%	68.8	69.0	0.2	0.3%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.2	72.8	-0.4	-0.5%
1.2%	71.6	71.6	0.0	0.0%
2.5%	71.5	71.6	0.1	0.1%
3.7%	71.3	71.3	0.0	0.0%
4.9%	71.3	71.2	-0.1	-0.1%
6.2%	71.3	70.8	-0.5	-0.7%
7.4%	71.2	70.6	-0.6	-0.8%
8.6%	71.2	70.6	-0.6	-0.8%
9.9%	70.9	70.2	-0.7	-1.0%
11.1%	70.9	70.2	-0.7	-1.0%
12.3%	70.7	70.1	-0.6	-0.8%
13.6%	70.6	70.0	-0.6	-0.8%
14.8%	70.6	70.0	-0.6	-0.8%
16.0%	70.5	69.9	-0.6	-0.9%
17.3%	70.3	69.9	-0.4	-0.6%
18.5%	70.1	69.7	-0.4	-0.6%
19.8%	70.1	69.6	-0.5	-0.7%
21.0%	70.1	69.5	-0.6	-0.9%
22.2%	69.9	69.4	-0.5	-0.7%
23.5%	69.9	69.3	-0.6	-0.9%
24.7%	69.5	69.3	-0.2	-0.3%
25.9%	69.4	69.2	-0.2	-0.3%
27.2%	69.3	69.2	-0.1	-0.1%
28.4%	69.3	69.2	-0.1	-0.1%
29.6%	69.3	69.2	-0.1	-0.1%
30.9%	69.2	69.1	-0.1	-0.1%
32.1%	69.2	69.1	-0.1	-0.1%
33.3%	69.1	68.9	-0.2	-0.3%
34.6%	69.0	68.8	-0.2	-0.3%
35.8%	68.9	68.8	-0.1	-0.1%
37.0%	68.9	68.6	-0.3	-0.4%
38.3%	68.7	68.6	-0.1	-0.1%
39.5%	68.7	68.3	-0.4	-0.6%
40.7%	68.4	68.3	-0.1	-0.1%
42.0%	68.4	68.2	-0.2	-0.3%
43.2%	68.3	68.1	-0.2	-0.3%
44.4%	68.3	68.0	-0.3	-0.4%
45.7%	68.3	67.9	-0.4	-0.6%
46.9%	68.2	67.9	-0.3	-0.4%
48.1%	68.2	67.8	-0.4	-0.6%
49.4%	68.0	67.8	-0.2	-0.3%
50.6%	67.9	67.8	-0.1	-0.1%
51.9%	67.9	67.7	-0.2	-0.3%
53.1%	67.8	67.6	-0.2	-0.3%
54.3%	67.8	67.5	-0.3	-0.4%
55.6%	67.6	67.3	-0.3	-0.4%
56.8%	67.6	67.3	-0.3	-0.4%
58.0%	67.5	67.1	-0.4	-0.6%
59.3%	67.5	67.1	-0.4	-0.6%
60.5%	67.5	67.0	-0.5	-0.7%
61.7%	67.5	67.0	-0.5	-0.7%
63.0%	67.4	66.9	-0.5	-0.7%
64.2%	67.3	66.8	-0.5	-0.7%
65.4%	67.1	66.8	-0.3	-0.4%
66.7%	67.1	66.8	-0.3	-0.4%
67.9%	67.0	66.7	-0.3	-0.4%
69.1%	67.0	66.7	-0.3	-0.4%
70.4%	66.8	66.7	-0.1	-0.1%
71.6%	66.7	66.5	-0.2	-0.3%
72.8%	66.7	66.5	-0.2	-0.3%
74.1%	66.7	66.5	-0.2	-0.3%
75.3%	66.6	66.5	-0.1	-0.2%
76.5%	66.6	66.5	-0.1	-0.2%
77.8%	66.5	66.4	-0.1	-0.2%
79.0%	66.4	66.4	0.0	0.0%
80.2%	66.4	66.2	-0.2	-0.3%
81.5%	66.4	66.2	-0.2	-0.3%
82.7%	66.2	66.1	-0.1	-0.2%
84.0%	66.1	66.1	0.0	0.0%
85.2%	66.1	66.0	-0.1	-0.2%
86.4%	66.0	65.8	-0.2	-0.3%
87.7%	65.5	65.8	0.3	0.5%
88.9%	65.4	65.7	0.3	0.5%
90.1%	65.4	65.6	0.2	0.3%
91.4%	65.2	64.7	-0.5	-0.8%
92.6%	64.9	64.5	-0.4	-0.6%
93.8%	64.2	63.9	-0.3	-0.5%
95.1%	64.1	63.8	-0.3	-0.5%
96.3%	63.8	63.6	-0.2	-0.3%
97.5%	63.2	63.2	0.0	0.0%
98.8%	62.9	62.9	0.0	0.0%
100.0%	62.9	62.9	0.0	0.0%

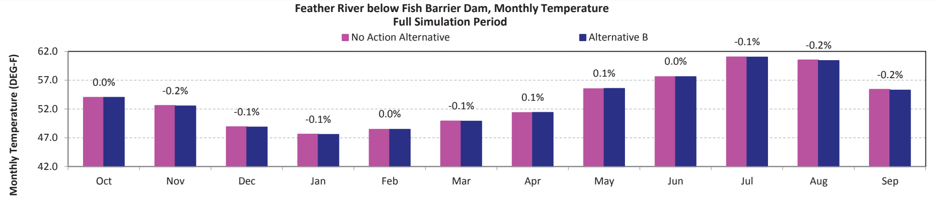
Table SQ-15-5a
Feather River below Fish Barrier Dam, Monthly Temperature
Long-term Average and Average by Water Year Type

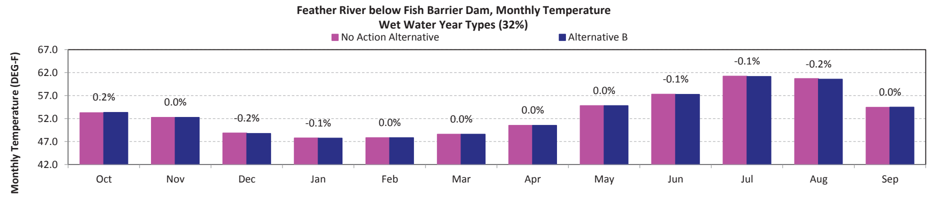
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	54.0	52.6	48.9	47.6	48.5	49.9	51.4	55.5	57.6	61.0	60.5	55.4
Alternative B	54.0	52.5	48.9	47.6	48.5	49.9	51.4	55.6	57.6	61.0	60.4	55.3
Difference	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	-0.1
Percent Difference[3]	0.0%	-0.2%	-0.1%	-0.1%	0.0%	-0.1%	0.1%	0.1%	0.0%	-0.1%	-0.2%	-0.2%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	53.2	52.2	48.9	47.8	47.8	48.6	50.5	54.8	57.3	61.2	60.7	54.4
Alternative B	53.3	52.2	48.8	47.7	47.8	48.6	50.5	54.8	57.3	61.2	60.6	54.5
Difference	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
Percent Difference	0.2%	0.0%	-0.2%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.2%	0.0%
Above Normal (15%)												
No Action Alternative	53.3	52.0	48.8	47.5	48.1	48.8	51.5	55.7	57.8	60.7	59.8	54.5
Alternative B	53.3	52.0	48.6	47.5	48.1	48.8	51.5	55.7	57.6	60.7	59.9	54.5
Difference	0.0	0.0	-0.2	0.0	0.0	-0.1	0.0	0.0	-0.2	0.0	0.1	0.0
Percent Difference	0.0%	0.0%	-0.4%	-0.1%	0.0%	-0.2%	0.0%	0.0%	-0.3%	0.0%	0.1%	-0.1%
Below Normal (17%)												
No Action Alternative	53.8	52.3	48.5	47.5	48.4	50.3	52.0	55.9	57.8	60.8	59.9	55.6
Alternative B	54.0	52.4	48.5	47.4	48.5	50.2	52.1	56.0	57.7	60.8	60.0	55.6
Difference	0.1	0.0	0.1	-0.1	0.0	-0.1	0.1	0.0	-0.1	0.0	0.1	0.0
Percent Difference	0.3%	0.1%	0.1%	-0.2%	0.0%	-0.1%	0.1%	0.0%	-0.2%	0.0%	0.1%	-0.1%
Dry (22%)												
No Action Alternative	54.3	52.8	49.0	47.5	48.9	51.1	51.9	55.7	57.7	60.8	60.2	55.9
Alternative B	54.4	52.7	49.0	47.5	49.0	51.2	52.0	55.9	57.8	60.8	60.0	55.6
Difference	0.1	0.0	0.0	-0.1	0.0	0.1	0.0	0.1	0.1	0.0	-0.2	-0.3
Percent Difference	0.2%	-0.1%	0.0%	-0.1%	0.0%	0.3%	0.0%	0.2%	0.3%	0.0%	-0.4%	-0.5%
Critical (15%)												
No Action Alternative	56.2	54.0	49.5	47.4	49.2	51.3	51.5	55.9	57.7	61.6	61.8	57.2
Alternative B	55.7	53.4	49.4	47.3	49.2	51.0	51.6	56.0	57.9	61.4	61.5	56.9
Difference	-0.5	-0.6	-0.1	-0.1	0.0	-0.3	0.1	0.1	0.2	-0.2	-0.3	-0.3
Percent Difference	-0.9%	-1.2%	-0.2%	-0.2%	0.0%	-0.7%	0.3%	0.2%	0.4%	-0.3%	-0.5%	-0.6%

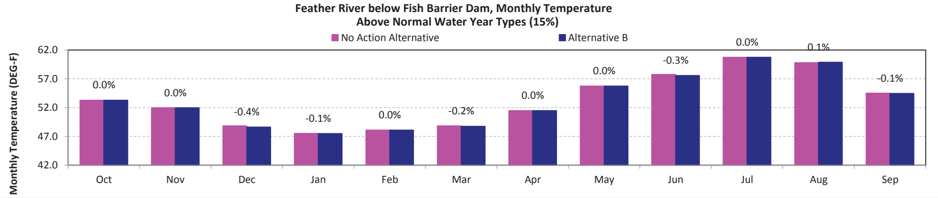
1 Based on the 82-year simulation period

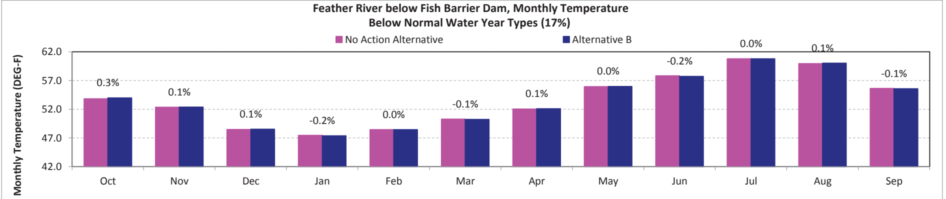
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

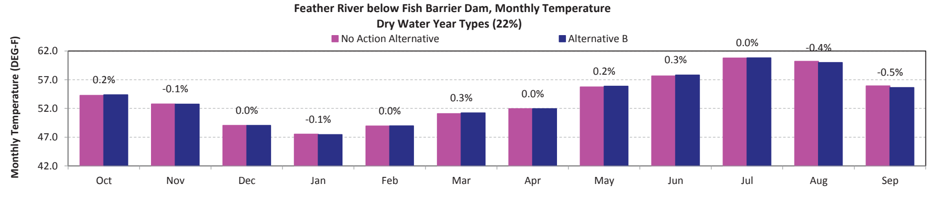
3 Relative difference of the monthly average


Feather River below Fish Barrier Dam, Monthly Temperature
Full Simulation Period


Feather River below Fish Barrier Dam, Monthly Temperature
Wet Water Year Types (32%)


Feather River below Fish Barrier Dam, Monthly Temperature
Above Normal Water Year Types (15%)


Feather River below Fish Barrier Dam, Monthly Temperature
Below Normal Water Year Types (17%)


Feather River below Fish Barrier Dam, Monthly Temperature
Dry Water Year Types (22%)

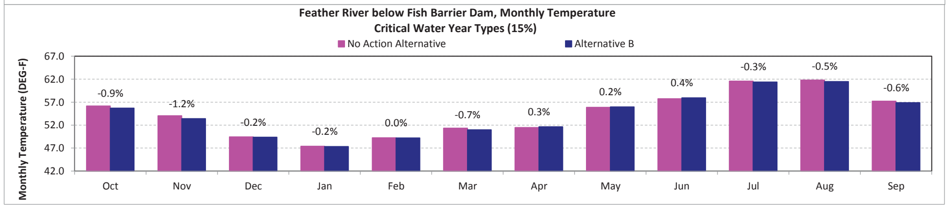

Feather River below Fish Barrier Dam, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-15-5b
Feather River below Fish Barrier Dam, Monthly Temperature
Probability of Exceedance

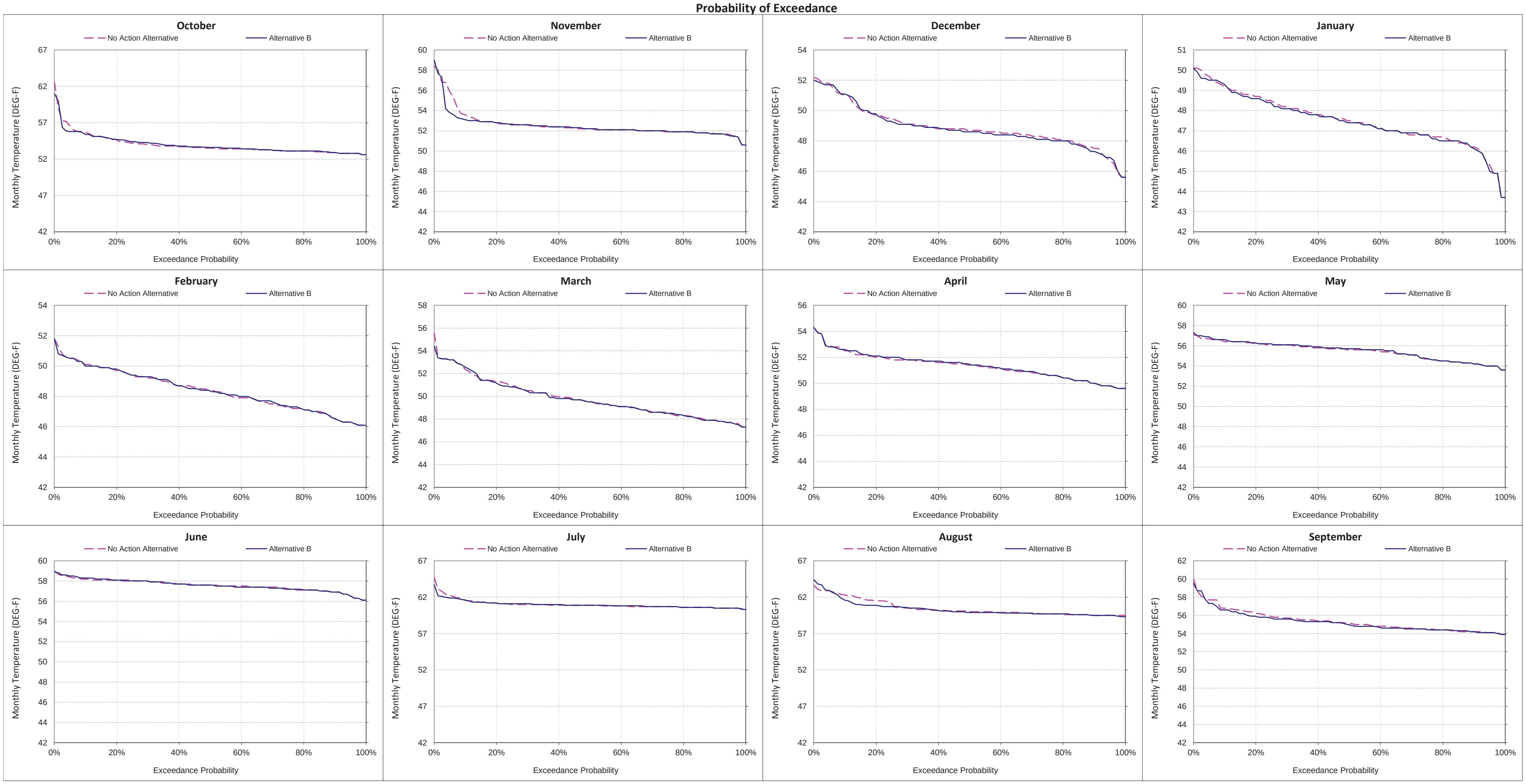


Table SQ-15-5b

Feather River below Fish Barrier Dam, Monthly Temperature
Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	62.6	61.0	-1.6	-2.6%
1.2%	59.1	60.0	0.9	1.5%
2.5%	57.3	56.4	-0.9	-1.6%
3.7%	57.2	55.9	-1.3	-2.3%
4.9%	56.6	55.8	-0.8	-1.4%
6.2%	56.0	55.8	-0.2	-0.4%
7.4%	55.8	55.8	0.0	0.0%
8.6%	55.8	55.7	-0.1	-0.2%
9.9%	55.7	55.4	-0.3	-0.5%
11.1%	55.5	55.4	-0.1	-0.2%
12.3%	55.2	55.1	-0.1	-0.2%
13.6%	55.2	55.1	-0.1	-0.2%
14.8%	55.1	55.1	0.0	0.0%
16.0%	55.0	55.0	0.0	0.0%
17.3%	54.8	54.9	0.1	0.2%
18.5%	54.7	54.8	0.1	0.2%
19.8%	54.7	54.7	0.0	0.0%
21.0%	54.4	54.7	0.3	0.6%
22.2%	54.4	54.6	0.2	0.4%
23.5%	54.3	54.5	0.2	0.4%
24.7%	54.2	54.4	0.2	0.4%
25.9%	54.2	54.4	0.2	0.4%
27.2%	54.1	54.3	0.2	0.4%
28.4%	54.1	54.3	0.2	0.4%
29.6%	54.0	54.3	0.3	0.6%
30.9%	54.0	54.2	0.2	0.4%
32.1%	53.9	54.2	0.3	0.6%
33.3%	53.8	54.1	0.3	0.6%
34.6%	53.8	54.0	0.2	0.4%
35.8%	53.8	53.9	0.1	0.2%
37.0%	53.8	53.9	0.1	0.2%
38.3%	53.8	53.9	0.1	0.2%
39.5%	53.7	53.8	0.1	0.2%
40.7%	53.7	53.8	0.1	0.2%
42.0%	53.7	53.8	0.1	0.2%
43.2%	53.7	53.7	0.0	0.0%
44.4%	53.6	53.7	0.1	0.2%
45.7%	53.6	53.7	0.1	0.2%
46.9%	53.6	53.7	0.1	0.2%
48.1%	53.5	53.6	0.1	0.2%
49.4%	53.5	53.6	0.1	0.2%
50.6%	53.5	53.6	0.1	0.2%
51.9%	53.5	53.6	0.1	0.2%
53.1%	53.4	53.6	0.2	0.4%
54.3%	53.4	53.5	0.1	0.2%
55.6%	53.4	53.5	0.1	0.2%
56.8%	53.4	53.5	0.1	0.2%
58.0%	53.4	53.5	0.1	0.2%
59.3%	53.4	53.5	0.1	0.2%
60.5%	53.4	53.4	0.0	0.0%
61.7%	53.4	53.4	0.0	0.0%
63.0%	53.4	53.4	0.0	0.0%
64.2%	53.3	53.4	0.1	0.2%
65.4%	53.3	53.3	0.0	0.0%
66.7%	53.3	53.3	0.0	0.0%
67.9%	53.3	53.3	0.0	0.0%
69.1%	53.2	53.3	0.1	0.2%
70.4%	53.2	53.2	0.0	0.0%
71.6%	53.2	53.2	0.0	0.0%
72.8%	53.1	53.2	0.1	0.2%
74.1%	53.1	53.1	0.0	0.0%
75.3%	53.1	53.1	0.0	0.0%
76.5%	53.1	53.1	0.0	0.0%
77.8%	53.1	53.1	0.0	0.0%
79.0%	53.1	53.1	0.0	0.0%
80.2%	53.1	53.1	0.0	0.0%
81.5%	53.1	53.1	0.0	0.0%
82.7%	53.1	53.1	0.0	0.0%
84.0%	53.0	53.1	0.1	0.2%
85.2%	53.0	53.1	0.1	0.2%
86.4%	53.0	53.0	0.0	0.0%
87.7%	52.9	53.0	0.1	0.2%
88.9%	52.9	52.9	0.0	0.0%
90.1%	52.9	52.9	0.0	0.0%
91.4%	52.8	52.8	0.0	0.0%
92.6%	52.8	52.8	0.0	0.0%
93.8%	52.8	52.8	0.0	0.0%
95.1%	52.8	52.8	0.0	0.0%
96.3%	52.8	52.8	0.0	0.0%
97.5%	52.8	52.8	0.0	0.0%
98.8%	52.6	52.6	0.0	0.0%
100.0%	52.6	52.6	0.0	0.0%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	58.4	59.0	0.6	1.0%
1.2%	58.0	57.7	-0.3	-0.5%
2.5%	56.8	57.3	0.5	0.9%
3.7%	56.8	54.2	-2.6	-4.6%
4.9%	55.9	53.8	-2.1	-3.8%
6.2%	55.3	53.6	-1.7	-3.1%
7.4%	54.3	53.3	-1.0	-1.8%
8.6%	53.7	53.2	-0.5	-0.9%
9.9%	53.6	53.1	-0.5	-0.9%
11.1%	53.4	53.0	-0.4	-0.7%
12.3%	53.3	53.0	-0.3	-0.6%
13.6%	53.1	53.0	-0.1	-0.2%
14.8%	53.0	52.9	-0.1	-0.2%
16.0%	52.9	52.9	0.0	0.0%
17.3%	52.9	52.9	0.0	0.0%
18.5%	52.9	52.9	0.0	0.0%
19.8%	52.8	52.8	0.0	0.0%
21.0%	52.7	52.8	0.1	0.2%
22.2%	52.7	52.7	0.0	0.0%
23.5%	52.7	52.7	0.0	0.0%
24.7%	52.7	52.6	-0.1	-0.2%
25.9%	52.6	52.6	0.0	0.0%
27.2%	52.6	52.6	0.0	0.0%
28.4%	52.6	52.6	0.0	0.0%
29.6%	52.6	52.6	0.0	0.0%
30.9%	52.5	52.6	0.1	0.2%
32.1%	52.5	52.5	0.0	0.0%
33.3%	52.5	52.5	0.0	0.0%
34.6%	52.4	52.5	0.1	0.2%
35.8%	52.4	52.5	0.1	0.2%
37.0%	52.4	52.4	0.0	0.0%
38.3%	52.4	52.4	0.0	0.0%
39.5%	52.4	52.4	0.0	0.0%
40.7%	52.4	52.4	0.0	0.0%
42.0%	52.3	52.4	0.1	0.2%
43.2%	52.3	52.4	0.1	0.2%
44.4%	52.3	52.3	0.0	0.0%
45.7%	52.2	52.3	0.1	0.2%
46.9%	52.2	52.3	0.1	0.2%
48.1%	52.2	52.2	0.0	0.0%
49.4%	52.2	52.2	0.0	0.0%
50.6%	52.2	52.2	0.0	0.0%
51.9%	52.1	52.2	0.1	0.2%
53.1%	52.1	52.1	0.0	0.0%
54.3%	52.1	52.1	0.0	0.0%
55.6%	52.1	52.1	0.0	0.0%
56.8%	52.1	52.1	0.0	0.0%
58.0%	52.1	52.1	0.0	0.0%
59.3%	52.1	52.1	0.0	0.0%
60.5%	52.1	52.1	0.0	0.0%
61.7%	52.1	52.1	0.0	0.0%
63.0%	52.1	52.1	0.0	0.0%
64.2%	52.1	52.1	0.0	0.0%
65.4%	52.0	52.0	0.0	0.0%
66.7%	52.0	52.0	0.0	0.0%
67.9%	52.0	52.0	0.0	0.0%
69.1%	52.0	52.0	0.0	0.0%
70.4%	52.0	52.0	0.0	0.0%
71.6%	52.0	52.0	0.0	0.0%
72.8%	52.0	52.0	0.0	0.0%
74.1%	51.9	52.0	0.1	0.2%
75.3%	51.9	51.9	0.0	0.0%
76.5%	51.9	51.9	0.0	0.0%
77.8%	51.9	51.9	0.0	0.0%
79.0%	51.9	51.9	0.0	0.0%
80.2%	51.9	51.9	0.0	0.0%
81.5%	51.9	51.9	0.0	0.0%
82.7%	51.9	51.9	0.0	0.0%
84.0%	51.9	51.8	-0.1	-0.2%
85.2%	51.8	51.8	0.0	0.0%
86.4%	51.8	51.8	0.0	0.0%
87.7%	51.8	51.8	0.0	0.0%
88.9%	51.8	51.7	-0.1	-0.2%
90.1%	51.7	51.7	0.0	0.0%
91.4%	51.7	51.7	0.0	0.0%
92.6%	51.7	51.7	0.0	0.0%
93.8%	51.7	51.6	-0.1	-0.2%
95.1%	51.6	51.5	-0.1	-0.2%
96.3%	51.4	51.5	0.1	0.2%
97.5%	51.3	51.4	0.1	0.2%
98.8%	50.6	50.6	0.0	0.0%
100.0%	50.6	50.6	0.0	0.0%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	52.2	52.0	-0.2	-0.4%
1.2%	52.1	51.9	-0.2	-0.4%
2.5%	51.9	51.8	-0.1	-0.2%
3.7%	51.8	51.7	-0.1	-0.2%
4.9%	51.8	51.7	-0.1	-0.2%
6.2%	51.5	51.7	0.2	0.4%
7.4%	51.2	51.4	0.2	0.4%
8.6%	51.1	51.1	0.0	0.0%
9.9%	51.0	51.1	0.1	0.2%
11.1%	51.0	51.0	0.0	0.0%
12.3%	50.6	50.9	0.3	0.6%
13.6%	50.3	50.6	0.3	0.6%
14.8%	50.1	50.1	0.0	0.0%
16.0%	49.9	50.0	0.1	0.2%
17.3%	49.9	50.0	0.1	0.2%
18.5%	49.8	49.8	0.0	0.0%
19.8%	49.7	49.8	0.1	0.2%
21.0%	49.7	49.6	-0.1	-0.2%
22.2%	49.6	49.5	-0.1	-0.2%
23.5%	49.5	49.3	-0.2	-0.4%
24.7%	49.5	49.3	-0.2	-0.4%
25.9%	49.4	49.2	-0.2	-0.4%
27.2%	49.3	49.1	-0.2	-0.4%
28.4%	49.2	49.1	-0.1	-0.2%
29.6%	49.1	49.1	0.0	0.0%
30.9%	49.1	49.1	0.0	0.0%
32.1%	49.1	49.0	-0.1	-0.2%
33.3%	49.0	49.0	0.0	0.0%
34.6%	49.0	49.0	0.0	0.0%
35.8%	49.0	48.9	-0.1	-0.2%
37.0%	48.9	48.9	0.0	0.0%
38.3%	48.9	48.9	0.0	0.0%
39.5%	48.8	48.9	0.1	0.2%
40.7%	48.8	48.8	0.0	0.0%
42.0%	48.8	48.8	0.0	0.0%
43.2%	48.8	48.7	-0.1	-0.2%
44.4%	48.8	48.7	-0.1	-0.2%
45.7%	48.8	48.7	-0.1	-0.2%
46.9%	48.8	48.7	-0.1	-0.2%
48.1%	48.8	48.6	-0.2	-0.4%
49.4%	48.7	48.6	-0.1	-0.2%
50.6%	48.7	48.6	-0.1	-0.2%
51.9%	48.7	48.6	-0.1	-0.2%
53.1%	48.7	48.6	-0.1	-0.2%
54.3%	48.7	48.5	-0.2	-0.4%
55.6%	48.6	48.5	-0.1	-0.2%
56.8%	48.6	48.5	-0.1	-0.2%
58.0%	48.6	48.4	-0.2	-0.4%
59.3%	48.6	48.4	-0.2	-0.4%
60.5%	48.5	48.4	-0.1	-0.2%
61.7%	48.5	48.4	-0.1	-0.2%
63.0%	48.5	48.4	-0.1	-0.2%
64.2%	48.5	48.4	-0.1	-0.2%
65.4%	48.5	48.3	-0.2	-0.4%
66.7%	48.4	48.3	-0.1	-0.2%
67.9%	48.4	48.3	-0.1	-0.2%
69.1%	48.4	48.2	-0.2	-0.4%
70.4%	48.3	48.2	-0.1	-0.2%
71.6%	48.3	48.1	-0.2	-0.4%
72.8%	48.3	48.1	-0.2	-0.4%
74.1%	48.2	48.1	-0.1	-0.2%
75.3%	48.2	48.1	-0.1	-0.2%
76.5%	48.2	48.0	-0.2	-0.4%
77.8%	48.1	48.0	-0.1	-0.2%
79.0%	48.1	48.0	-0.1	-0.2%
80.2%	48.0	48.0	0.0	0.0%
81.5%	48.0	48.0	0.0	0.0%
82.7%	48.0	47.8	-0.2	-0.4%
84.0%	47.8	47.8	0.0	0.0%
85.2%	47.8	47.7	-0.1	-0.2%
86.4%	47.7	47.6	-0.1	-0.2%
87.7%	47.6	47.5	-0.1	-0.2%
88.9%	47.6	47.3	-0.3	-0.6%
90.1%	47.5	47.3	-0.2	-0.4%
91.4%	47.5	47.2	-0.3	-0.6%
92.6%	47.1	47.1	0.0	0.0%
93.8%	46.9	46.9	0.0	0.0%
95.1%	46.7	46.9	0.2	0.4%
96.3%	46.5	46.7	0.2	0.4%
97.5%	45.9	46.0	0.1	0.2%
98.8%	45.6	45.6	0.0	0.0%
100.0%	45.6	45.6	0.0	0.0%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.1	50.1	0.0	0.0%
1.2%	50.1	49.9	-0.2	-0.4%
2.5%	50.0	49.6	-0.4	-0.8%
3.7%	49.8	49.6	-0.2	-0.4%
4.9%	49.7	49.5	-0.2	-0.4%
6.2%	49.5	49.5	0.0	0.0%
7.4%	49.4	49.5	0.1	0.2%
8.6%	49.3	49.4	0.1	0.2%
9.9%	49.2	49.3	0.1	0.2%
11.1%	49.1	49.1	0.0	0.0%
12.3%	49.0	48.9	-0.1	-0.2%
13.6%	49.0	48.9	-0.1	-0.2%
14.8%	48.9	48.8	-0.1	-0.2%
16.0%	48.8	48.7	-0.1	-0.2%
17.3%	48.8	48.7	-0.1	-0.2%
18.5%	48.8	48.6	-0.2	-0.4%
19.8%	48.7	48.6	-0.1	-0.2%
21.0%	48.7	48.6	-0.1	-0.2%
22.2%	48.6	48.5	-0.1	-0.2%
23.5%	48.5	48.4	-0.1	-0.2%
24.7%	48.5	48.4	-0.1	-0.2%
25.9%	48.4	48.2	-0.2	-0.4%
27.2%	48.3	48.2	-0.1	-0.2%
28.4%	48.2	48.1	-0.1	-0.2%
29.6%	48.2	48.1	-0.1	-0.2%
30.9%	48.1	48.1	0.0	0.0%
32.1%	48.1	48.0	-0.1	-0.2%
33.3%	48.1	48.0	-0.1	-0.2%
34.6%	48.0	47.9	-0.1	-0.2%
35.8%	48.0	47.9	-0.1	-0.2%
37.0%	47.9	47.8	-0.1	-0.2%
38.3%	47.9	47.8	-0.1	-0.2%
39.5%	47.8	47.8	0.0	0.0%
40.7%	47.8	47.7	-0.1	-0.2%
42.0%	47.7	47.7	0.0	0.0%
43.2%	47.7	47.7	0.0	0.0%
44.4%	47.7	47.7	0.0	0.0%
45.7%	47.6	47.6	0.0	0.0%
46.9%	47.6	47.5	-0.1	-0.2%
48.1%	47.6	47.5	-0.1	-0.2%
49.4%	47.5	47.4	-0.1	-0.2%
50.6%	47.5	47.4	-0.1	-0.2%
51.9%	47.4	47.4	0.0	0.0%
53.1%	47.4	47.4	0.0	0.0%
54.3%	47.4	47.3	-0.1	-0.2%
55.6%	47.3	47.3	0.0	0.0%
56.8%	47.3	47.3	0.0	0.0%
58.0%	47.2	47.2	0.0	0.0%
59.3%	47.2	47.1	-0.1	-0.2%
60.5%	47.1	47.1	0.0	0.0%
61.7%	47.0	47.0	0.0	0.0%
63.0%	47.0	47.0	0.0	0.0%
64.2%	47.0	47.0	0.0	0.0%
65.4%	47.0	47.0	0.0	0.0%
66.7%	46.9	46.9	0.0	0.0%
67.9%	46.9	46.9	0.0	0.0%
69.1%	46.8	46.9	0.1	0.2%
70.4%	46.8	46.9	0.1	0.2%
71.6%	46.8	46.9	0.1	0.2%
72.8%	46.8	46.8	0.0	0.0%
74.1%	46.8	46.8	0.0	0.0%
75.3%	46.8	46.8	0.0	0.0%
76.5%	46.7	46.6	-0.1	-0.2%
77.8%	46.7	46.6	-0.1	-0.2%
79.0%	46.7	46.5	-0.2	-0.4%
80.2%	46.7	46.5	-0.2	-0.4%
81.5%	46.6	46.5	-0.1	-0.2%
82.7%	46.5	46.5	0.0	0.0%
84.0%	46.5	46.5	0.0	0.0%
85.2%	46.4	46.5	0.1	0.2%
86.4%	46.4	46.4	0.0	0.0%
87.7%	46.3	46.4	0.1	0.2%
88.9%	46.2	46.2	0.0	0.0%
90.1%	46.2	46.1	-0.1	-0.2%
91.4%	46.1	46.0	-0.1	-0.2%
92.6%	45.9	45.9	0.0	0.0%
93.8%	45.5	45.5	0.0	0.0%
95.1%	45.3	45.0	-0.3	-0.7%
96.3%	44.9	44.9	0.0	0.0%
97.5%	44.9	44.9	0.0	0.0%
98.8%	43.7	43.7	0.0	0.0%
100.0%	43.7	43.7	0.0	0.0%

Table SQ-15-5b

Feather River below Fish Barrier Dam, Monthly Temperature
Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	51.8	51.8	0.0	0.0%
1.2%	51.3	50.8	-0.5	-1.0%
2.5%	50.8	50.7	-0.1	-0.2%
3.7%	50.6	50.6	0.0	0.0%
4.9%	50.5	50.5	0.0	0.0%
6.2%	50.5	50.5	0.0	0.0%
7.4%	50.4	50.3	-0.1	-0.2%
8.6%	50.3	50.3	0.0	0.0%
9.9%	50.1	50.0	-0.1	-0.2%
11.1%	50.1	50.0	-0.1	-0.2%
12.3%	50.0	50.0	0.0	0.0%
13.6%	50.0	50.0	0.0	0.0%
14.8%	49.9	49.9	0.0	0.0%
16.0%	49.9	49.9	0.0	0.0%
17.3%	49.9	49.9	0.0	0.0%
18.5%	49.8	49.8	0.0	0.0%
19.8%	49.7	49.8	0.1	0.2%
21.0%	49.7	49.7	0.0	0.0%
22.2%	49.6	49.6	0.0	0.0%
23.5%	49.5	49.5	0.0	0.0%
24.7%	49.4	49.4	0.0	0.0%
25.9%	49.3	49.4	0.1	0.2%
27.2%	49.3	49.3	0.0	0.0%
28.4%	49.3	49.3	0.0	0.0%
29.6%	49.2	49.3	0.1	0.2%
30.9%	49.2	49.3	0.1	0.2%
32.1%	49.2	49.2	0.0	0.0%
33.3%	49.2	49.1	-0.1	-0.2%
34.6%	49.0	49.1	0.1	0.2%
35.8%	49.0	49.1	0.1	0.2%
37.0%	48.9	49.0	0.1	0.2%
38.3%	48.8	48.8	0.0	0.0%
39.5%	48.7	48.7	0.0	0.0%
40.7%	48.7	48.7	0.0	0.0%
42.0%	48.7	48.6	-0.1	-0.2%
43.2%	48.7	48.5	-0.2	-0.4%
44.4%	48.6	48.5	-0.1	-0.2%
45.7%	48.6	48.5	-0.1	-0.2%
46.9%	48.5	48.4	-0.1	-0.2%
48.1%	48.5	48.4	-0.1	-0.2%
49.4%	48.4	48.4	0.0	0.0%
50.6%	48.4	48.3	-0.1	-0.2%
51.9%	48.3	48.3	0.0	0.0%
53.1%	48.3	48.2	-0.1	-0.2%
54.3%	48.2	48.2	0.0	0.0%
55.6%	48.1	48.1	0.0	0.0%
56.8%	48.0	48.1	0.1	0.2%
58.0%	47.9	48.1	0.2	0.4%
59.3%	47.9	48.0	0.1	0.2%
60.5%	47.9	48.0	0.1	0.2%
61.7%	47.9	48.0	0.1	0.2%
63.0%	47.9	47.9	0.0	0.0%
64.2%	47.8	47.8	0.0	0.0%
65.4%	47.7	47.7	0.0	0.0%
66.7%	47.6	47.7	0.1	0.2%
67.9%	47.6	47.7	0.1	0.2%
69.1%	47.5	47.7	0.2	0.4%
70.4%	47.5	47.6	0.1	0.2%
71.6%	47.4	47.5	0.1	0.2%
72.8%	47.4	47.4	0.0	0.0%
74.1%	47.3	47.4	0.1	0.2%
75.3%	47.3	47.3	0.0	0.0%
76.5%	47.2	47.3	0.1	0.2%
77.8%	47.2	47.3	0.1	0.2%
79.0%	47.2	47.2	0.0	0.0%
80.2%	47.1	47.1	0.0	0.0%
81.5%	47.1	47.1	0.0	0.0%
82.7%	47.0	47.0	0.0	0.0%
84.0%	47.0	47.0	0.0	0.0%
85.2%	47.0	46.9	-0.1	-0.2%
86.4%	46.9	46.9	0.0	0.0%
87.7%	46.9	46.8	-0.1	-0.2%
88.9%	46.6	46.6	0.0	0.0%
90.1%	46.5	46.5	0.0	0.0%
91.4%	46.4	46.4	0.0	0.0%
92.6%	46.3	46.3	0.0	0.0%
93.8%	46.3	46.3	0.0	0.0%
95.1%	46.3	46.3	0.0	0.0%
96.3%	46.2	46.2	0.0	0.0%
97.5%	46.1	46.1	0.0	0.0%
98.8%	46.1	46.1	0.0	0.0%
100.0%	46.1	46.1	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	55.6	54.4	-1.2	-2.2%
1.2%	53.4	53.4	0.0	0.0%
2.5%	53.3	53.3	0.0	0.0%
3.7%	53.3	53.3	0.0	0.0%
4.9%	53.2	53.2	0.0	0.0%
6.2%	53.2	53.2	0.0	0.0%
7.4%	52.9	52.9	0.0	0.0%
8.6%	52.8	52.8	0.0	0.0%
9.9%	52.4	52.6	0.2	0.4%
11.1%	52.2	52.4	0.2	0.4%
12.3%	51.9	52.2	0.3	0.6%
13.6%	51.8	52.0	0.2	0.4%
14.8%	51.5	51.4	-0.1	-0.2%
16.0%	51.5	51.4	-0.1	-0.2%
17.3%	51.4	51.4	0.0	0.0%
18.5%	51.4	51.3	-0.1	-0.2%
19.8%	51.3	51.2	-0.1	-0.2%
21.0%	51.3	51.0	-0.3	-0.6%
22.2%	51.2	50.9	-0.3	-0.6%
23.5%	51.1	50.9	-0.2	-0.4%
24.7%	50.9	50.8	-0.1	-0.2%
25.9%	50.9	50.8	-0.1	-0.2%
27.2%	50.7	50.7	0.0	0.0%
28.4%	50.7	50.6	-0.1	-0.2%
29.6%	50.5	50.5	0.0	0.0%
30.9%	50.5	50.3	-0.2	-0.4%
32.1%	50.4	50.3	-0.1	-0.2%
33.3%	50.3	50.3	0.0	0.0%
34.6%	50.3	50.3	0.0	0.0%
35.8%	50.3	50.3	0.0	0.0%
37.0%	50.2	49.9	-0.3	-0.6%
38.3%	50.0	49.9	-0.1	-0.2%
39.5%	50.0	49.8	-0.2	-0.4%
40.7%	49.9	49.8	-0.1	-0.2%
42.0%	49.9	49.8	-0.1	-0.2%
43.2%	49.9	49.8	-0.1	-0.2%
44.4%	49.8	49.7	-0.1	-0.2%
45.7%	49.7	49.7	0.0	0.0%
46.9%	49.7	49.7	0.0	0.0%
48.1%	49.6	49.6	0.0	0.0%
49.4%	49.5	49.5	0.0	0.0%
50.6%	49.5	49.5	0.0	0.0%
51.9%	49.4	49.4	0.0	0.0%
53.1%	49.3	49.4	0.1	0.2%
54.3%	49.3	49.3	0.0	0.0%
55.6%	49.3	49.3	0.0	0.0%
56.8%	49.2	49.2	0.0	0.0%
58.0%	49.2	49.2	0.0	0.0%
59.3%	49.1	49.1	0.0	0.0%
60.5%	49.1	49.1	0.0	0.0%
61.7%	49.1	49.1	0.0	0.0%
63.0%	49.1	49.0	-0.1	-0.2%
64.2%	49.0	49.0	0.0	0.0%
65.4%	48.9	48.9	0.0	0.0%
66.7%	48.8	48.8	0.0	0.0%
67.9%	48.8	48.8	0.0	0.0%
69.1%	48.7	48.6	-0.1	-0.2%
70.4%	48.6	48.6	0.0	0.0%
71.6%	48.6	48.6	0.0	0.0%
72.8%	48.6	48.6	0.0	0.0%
74.1%	48.6	48.5	-0.1	-0.2%
75.3%	48.5	48.5	0.0	0.0%
76.5%	48.4	48.5	0.1	0.2%
77.8%	48.3	48.4	0.1	0.2%
79.0%	48.3	48.4	0.1	0.2%
80.2%	48.3	48.3	0.0	0.0%
81.5%	48.3	48.2	-0.1	-0.2%
82.7%	48.2	48.2	0.0	0.0%
84.0%	48.1	48.1	0.0	0.0%
85.2%	48.1	48.0	-0.1	-0.2%
86.4%	48.0	47.9	-0.1	-0.2%
87.7%	47.9	47.9	0.0	0.0%
88.9%	47.9	47.9	0.0	0.0%
90.1%	47.9	47.9	0.0	0.0%
91.4%	47.8	47.8	0.0	0.0%
92.6%	47.8	47.8	0.0	0.0%
93.8%	47.7	47.7	0.0	0.0%
95.1%	47.7	47.7	0.0	0.0%
96.3%	47.6	47.6	0.0	0.0%
97.5%	47.6	47.5	-0.1	-0.2%
98.8%	47.3	47.3	0.0	0.0%
100.0%	47.3	47.3	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.3	54.3	0.0	0.0%
1.2%	53.9	53.9	0.0	0.0%
2.5%	53.8	53.8	0.0	0.0%
3.7%	53.0	52.9	-0.1	-0.2%
4.9%	52.9	52.8	-0.1	-0.2%
6.2%	52.8	52.8	0.0	0.0%
7.4%	52.8	52.7	-0.1	-0.2%
8.6%	52.8	52.6	-0.2	-0.4%
9.9%	52.5	52.6	0.1	0.2%
11.1%	52.5	52.5	0.0	0.0%
12.3%	52.3	52.5	0.2	0.4%
13.6%	52.2	52.5	0.3	0.6%
14.8%	52.2	52.3	0.1	0.2%
16.0%	52.2	52.2	0.0	0.0%
17.3%	52.1	52.2	0.1	0.2%
18.5%	52.1	52.1	0.0	0.0%
19.8%	52.0	52.1	0.1	0.2%
21.0%	52.0	52.1	0.1	0.2%
22.2%	52.0	52.0	0.0	0.0%
23.5%	51.9	52.0	0.1	0.2%
24.7%	51.9	52.0	0.1	0.2%
25.9%	51.8	52.0	0.2	0.4%
27.2%	51.8	52.0	0.2	0.4%
28.4%	51.8	51.9	0.1	0.2%
29.6%	51.8	51.8	0.0	0.0%
30.9%	51.8	51.8	0.0	0.0%
32.1%	51.8	51.8	0.0	0.0%
33.3%	51.7	51.8	0.1	0.2%
34.6%	51.7	51.8	0.1	0.2%
35.8%	51.7	51.7	0.0	0.0%
37.0%	51.7	51.7	0.0	0.0%
38.3%	51.7	51.7	0.0	0.0%
39.5%	51.6	51.7	0.1	0.2%
40.7%	51.6	51.7	0.1	0.2%
42.0%	51.6	51.6	0.0	0.0%
43.2%	51.6	51.6	0.0	0.0%
44.4%	51.5	51.6	0.1	0.2%
45.7%	51.5	51.6	0.1	0.2%
46.9%	51.5	51.6	0.1	0.2%
48.1%	51.5	51.5	0.0	0.0%
49.4%	51.4	51.5	0.1	0.2%
50.6%	51.4	51.4	0.0	0.0%
51.9%	51.4	51.4	0.0	0.0%
53.1%	51.3	51.4	0.1	0.2%
54.3%	51.3	51.3	0.0	0.0%
55.6%	51.2	51.3	0.1	0.2%
56.8%	51.2	51.3	0.1	0.2%
58.0%	51.2	51.2	0.0	0.0%
59.3%	51.1	51.2	0.1	0.2%
60.5%	51.1	51.1	0.0	0.0%
61.7%	51.0	51.1	0.1	0.2%
63.0%	51.0	51.1	0.1	0.2%
64.2%	51.0	51.0	0.0	0.0%
65.4%	50.9	51.0	0.1	0.2%
66.7%	50.9	51.0	0.1	0.2%
67.9%	50.9	50.9	0.0	0.0%
69.1%	50.9	50.9	0.0	0.0%
70.4%	50.8	50.9	0.1	0.2%
71.6%	50.8	50.8	0.0	0.0%
72.8%	50.7	50.7	0.0	0.0%
74.1%	50.7	50.7	0.0	0.0%
75.3%	50.6	50.6	0.0	0.0%
76.5%	50.6	50.6	0.0	0.0%
77.8%	50.6	50.6	0.0	0.0%
79.0%	50.5	50.5	0.0	0.0%
80.2%	50.4	50.4	0.0	0.0%
81.5%	50.4	50.4	0.0	0.0%
82.7%	50.3	50.3	0.0	0.0%
84.0%	50.2	50.2	0.0	0.0%
85.2%	50.2	50.2	0.0	0.0%
86.4%	50.2	50.2	0.0	0.0%
87.7%	50.2	50.2	0.0	0.0%
88.9%	50.0	50.0	0.0	0.0%
90.1%	50.0	50.0	0.0	0.0%
91.4%	49.9	49.9	0.0	0.0%
92.6%	49.8	49.8	0.0	0.0%
93.8%	49.8	49.8	0.0	0.0%
95.1%	49.8	49.8	0.0	0.0%
96.3%	49.7	49.7	0.0	0.0%
97.5%	49.6	49.6	0.0	0.0%
98.8%	49.6	49.6	0.0	0.0%
100.0%	49.6	49.6	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	57.1	57.3	0.2	0.4%
1.2%	57.0	57.0	0.0	0.0%
2.5%	56.7	57.0	0.3	0.5%
3.7%	56.7	56.9	0.2	0.4%
4.9%	56.7	56.9	0.2	0.4%
6.2%	56.6	56.7	0.1	0.2%
7.4%	56.6	56.6	0.0	0.0%
8.6%	56.6	56.6	0.0	0.0%
9.9%	56.4	56.6	0.2	0.4%
11.1%	56.4	56.5	0.1	0.2%
12.3%	56.4	56.4	0.0	0.0%
13.6%	56.4	56.4	0.0	0.0%
14.8%	56.4	56.4	0.0	0.0%
16.0%	56.4	56.4	0.0	0.0%
17.3%	56.3	56.4	0.1	0.2%
18.5%	56.3	56.3	0.0	0.0%
19.8%	56.2	56.3	0.1	0.2%
21.0%	56.2	56.2	0.0	0.0%
22.2%	56.2	56.2	0.0	0.0%
23.5%	56.1	56.2	0.1	0.2%
24.7%	56.1	56.2	0.1	0.2%
25.9%	56.1	56.1	0.0	0.0%
27.2%	56.1	56.1	0.0	0.0%
28.4%	56.1	56.1	0.0	0.0%
29.6%	56.1	56.1	0.0	0.0%
30.9%	56.1	56.1	0.0	0.0%
32.1%	56.0	56.1	0.1	0.2%
33.3%	56.0	56.1	0.1	0.2%
34.6%	55.9	56.0	0.1	0.2%
35.8%	55.9	56.0	0.1	0.2%
37.0%	55.9	56.0	0.1	0.2%
38.3%	55.8	55.9	0.1	0.2%
39.5%	55.8	55.9	0.1	0.2%
40.7%	55.8	55.9	0.1	0.2%
42.0%	55.8	55.8	0.0	0.0%
43.2%	55.7	55.8	0.1	0.2%
44.4%	55.7	55.8	0.1	0.2%
45.7%	55.7	55.8	0.1	0.2%
46.9%	55.7	55.8	0.1	0.2%
48.1%	55.7	55.7	0.0	0.0%
49.4%	55.6	55.7	0.1	0.2%
50.6%	55.6	55.7	0.1	0.2%
51.9%	55.6	55.7	0.1	0.2%
53.1%	55.6	55.7	0.1	0.2%
54.3%	55.6	55.6	0.0	0.0%
55.6%	55.6	55.6	0.0	0.0%
56.8%	55.6	55.6	0.0	0.0%
58.0%	55.5	55.6	0.1	0.2%
59.3%	55.5	55.6	0.1	0.2%
60.5%	55.4	55.6	0.2	0.4%
61.7%	55.4	55.5	0.1	0.2%
63.0%	55.4	55.5	0.1	0.2%
64.2%	55.3	55.5	0.2	0.4%
65.4%	55.2	55.2	0.0	0.0%
66.7%	55.2	55.2	0.0	0.0%
67.9%	55.2	55.2	0.0	0.0%
69.1%	55.1	55.1	0.0	0.0%
70.4%	55.1	55.1	0.0	0.0%
71.6%	55.0	55.1	0.1	0.2%
72.8%	54.8	54.8	0.0	0.0%
74.1%	54.7	54.8	0.1	0.2%
75.3%	54.7	54.7	0.0	0.0%
76.5%	54.6	54.6	0.0	0.0%
77.8%	54.6	54.6	0.0	0.0%
79.0%	54.5	54.5	0.0	0.0%
80.2%	54.5	54.5	0.0	0.0%
81.5%	54.5	54.5	0.0	0.0%
82.7%	54.4	54.4	0.0	0.0%
84.0%	54.4	54.4	0.0	0.0%
85.2%	54.4	54.4	0.0	0.0%
86.4%	54.3	54.3	0.0	0.0%
87.7%	54.3	54.3	0.0	0.0%
88.9%	54.3	54.3	0.0	0.0%
90.1%	54.2	54.2	0.0	0.0%
91.4%	54.2	54.2	0.0	0.0%
92.6%	54.1	54.1	0.0	0.0%
93.8%	54.0	54.0	0.0	0.0%
95.1%	54.0	54.0	0.0	0.0%
96.3%	54.0	54.0	0.0	0.0%
97.5%	54.0	54.0	0.0	0.0%
98.8%	53.6	53.6	0.0	0.0%
100.0%	53.6	53.6	0.0	0.0%

Table SQ-15-5b

Feather River below Fish Barrier Dam, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.0	58.9	-0.1	-0.2%
1.2%	58.7	58.8	0.1	0.2%
2.5%	58.5	58.6	0.1	0.2%
3.7%	58.5	58.6	0.1	0.2%
4.9%	58.4	58.5	0.1	0.2%
6.2%	58.3	58.5	0.2	0.3%
7.4%	58.3	58.4	0.1	0.2%
8.6%	58.2	58.3	0.1	0.2%
9.9%	58.2	58.3	0.1	0.2%
11.1%	58.2	58.3	0.1	0.2%
12.3%	58.1	58.3	0.2	0.3%
13.6%	58.1	58.2	0.1	0.2%
14.8%	58.1	58.2	0.1	0.2%
16.0%	58.1	58.2	0.1	0.2%
17.3%	58.1	58.2	0.1	0.2%
18.5%	58.1	58.1	0.0	0.0%
19.8%	58.1	58.1	0.0	0.0%
21.0%	58.1	58.1	0.0	0.0%
22.2%	58.1	58.0	-0.1	-0.2%
23.5%	58.1	58.0	-0.1	-0.2%
24.7%	58.1	58.0	-0.1	-0.2%
25.9%	58.0	58.0	0.0	0.0%
27.2%	58.0	58.0	0.0	0.0%
28.4%	58.0	58.0	0.0	0.0%
29.6%	58.0	58.0	0.0	0.0%
30.9%	57.9	57.9	0.0	0.0%
32.1%	57.9	57.9	0.0	0.0%
33.3%	57.9	57.9	0.0	0.0%
34.6%	57.8	57.9	0.1	0.2%
35.8%	57.8	57.8	0.0	0.0%
37.0%	57.8	57.8	0.0	0.0%
38.3%	57.8	57.7	-0.1	-0.2%
39.5%	57.7	57.7	0.0	0.0%
40.7%	57.7	57.7	0.0	0.0%
42.0%	57.7	57.7	0.0	0.0%
43.2%	57.7	57.6	-0.1	-0.2%
44.4%	57.6	57.6	0.0	0.0%
45.7%	57.6	57.6	0.0	0.0%
46.9%	57.6	57.6	0.0	0.0%
48.1%	57.6	57.6	0.0	0.0%
49.4%	57.6	57.6	0.0	0.0%
50.6%	57.6	57.6	0.0	0.0%
51.9%	57.6	57.5	-0.1	-0.2%
53.1%	57.5	57.5	0.0	0.0%
54.3%	57.5	57.5	0.0	0.0%
55.6%	57.5	57.5	0.0	0.0%
56.8%	57.5	57.5	0.0	0.0%
58.0%	57.5	57.4	-0.1	-0.2%
59.3%	57.5	57.4	-0.1	-0.2%
60.5%	57.5	57.4	-0.1	-0.2%
61.7%	57.5	57.4	-0.1	-0.2%
63.0%	57.4	57.4	0.0	0.0%
64.2%	57.4	57.4	0.0	0.0%
65.4%	57.4	57.4	0.0	0.0%
66.7%	57.4	57.4	0.0	0.0%
67.9%	57.4	57.4	0.0	0.0%
69.1%	57.4	57.3	-0.1	-0.2%
70.4%	57.4	57.3	-0.1	-0.2%
71.6%	57.4	57.3	-0.1	-0.2%
72.8%	57.3	57.3	0.0	0.0%
74.1%	57.3	57.2	-0.1	-0.2%
75.3%	57.2	57.2	0.0	0.0%
76.5%	57.2	57.2	0.0	0.0%
77.8%	57.1	57.2	0.1	0.2%
79.0%	57.1	57.2	0.1	0.2%
80.2%	57.1	57.1	0.0	0.0%
81.5%	57.1	57.1	0.0	0.0%
82.7%	57.1	57.1	0.0	0.0%
84.0%	57.1	57.1	0.0	0.0%
85.2%	57.1	57.0	-0.1	-0.2%
86.4%	57.0	57.0	0.0	0.0%
87.7%	57.0	57.0	0.0	0.0%
88.9%	56.9	56.9	0.0	0.0%
90.1%	56.9	56.9	0.0	0.0%
91.4%	56.9	56.9	0.0	0.0%
92.6%	56.7	56.7	0.0	0.0%
93.8%	56.7	56.7	0.0	0.0%
95.1%	56.5	56.5	0.0	0.0%
96.3%	56.3	56.3	0.0	0.0%
97.5%	56.3	56.3	0.0	0.0%
98.8%	56.1	56.1	0.0	0.0%
100.0%	56.1	56.1	0.0	0.0%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	64.7	63.7	-1.0	-1.5%
1.2%	63.1	62.2	-0.9	-1.4%
2.5%	62.8	62.1	-0.7	-1.1%
3.7%	62.4	62.0	-0.4	-0.6%
4.9%	62.3	61.9	-0.4	-0.6%
6.2%	62.1	61.9	-0.2	-0.3%
7.4%	61.9	61.8	-0.1	-0.2%
8.6%	61.9	61.7	-0.2	-0.3%
9.9%	61.6	61.6	0.0	0.0%
11.1%	61.5	61.5	0.0	0.0%
12.3%	61.5	61.3	-0.2	-0.3%
13.6%	61.4	61.3	-0.1	-0.2%
14.8%	61.3	61.3	0.0	0.0%
16.0%	61.3	61.3	0.0	0.0%
17.3%	61.3	61.2	-0.1	-0.2%
18.5%	61.2	61.2	0.0	0.0%
19.8%	61.2	61.2	0.0	0.0%
21.0%	61.1	61.1	0.0	0.0%
22.2%	61.1	61.1	0.0	0.0%
23.5%	61.1	61.1	0.0	0.0%
24.7%	61.0	61.1	0.1	0.2%
25.9%	61.0	61.1	0.1	0.2%
27.2%	61.0	61.1	0.1	0.2%
28.4%	61.0	61.1	0.1	0.2%
29.6%	61.0	61.1	0.1	0.2%
30.9%	61.0	61.1	0.1	0.2%
32.1%	61.0	61.0	0.0	0.0%
33.3%	61.0	61.0	0.0	0.0%
34.6%	61.0	61.0	0.0	0.0%
35.8%	61.0	61.0	0.0	0.0%
37.0%	60.9	61.0	0.1	0.2%
38.3%	60.9	61.0	0.1	0.2%
39.5%	60.9	61.0	0.1	0.2%
40.7%	60.9	61.0	0.1	0.2%
42.0%	60.9	60.9	0.0	0.0%
43.2%	60.9	60.9	0.0	0.0%
44.4%	60.9	60.9	0.0	0.0%
45.7%	60.9	60.9	0.0	0.0%
46.9%	60.9	60.9	0.0	0.0%
48.1%	60.9	60.9	0.0	0.0%
49.4%	60.9	60.9	0.0	0.0%
50.6%	60.9	60.9	0.0	0.0%
51.9%	60.9	60.9	0.0	0.0%
53.1%	60.9	60.9	0.0	0.0%
54.3%	60.8	60.9	0.1	0.2%
55.6%	60.8	60.9	0.1	0.2%
56.8%	60.8	60.8	0.0	0.0%
58.0%	60.8	60.8	0.0	0.0%
59.3%	60.8	60.8	0.0	0.0%
60.5%	60.8	60.8	0.0	0.0%
61.7%	60.8	60.8	0.0	0.0%
63.0%	60.7	60.8	0.1	0.2%
64.2%	60.7	60.8	0.1	0.2%
65.4%	60.7	60.8	0.1	0.2%
66.7%	60.7	60.8	0.1	0.2%
67.9%	60.7	60.7	0.0	0.0%
69.1%	60.7	60.7	0.0	0.0%
70.4%	60.7	60.7	0.0	0.0%
71.6%	60.7	60.7	0.0	0.0%
72.8%	60.7	60.7	0.0	0.0%
74.1%	60.7	60.7	0.0	0.0%
75.3%	60.7	60.7	0.0	0.0%
76.5%	60.7	60.7	0.0	0.0%
77.8%	60.7	60.7	0.0	0.0%
79.0%	60.6	60.6	0.0	0.0%
80.2%	60.6	60.6	0.0	0.0%
81.5%	60.6	60.6	0.0	0.0%
82.7%	60.6	60.6	0.0	0.0%
84.0%	60.6	60.6	0.0	0.0%
85.2%	60.6	60.6	0.0	0.0%
86.4%	60.6	60.6	0.0	0.0%
87.7%	60.6	60.6	0.0	0.0%
88.9%	60.6	60.6	0.0	0.0%
90.1%	60.5	60.5	0.0	0.0%
91.4%	60.5	60.5	0.0	0.0%
92.6%	60.5	60.5	0.0	0.0%
93.8%	60.5	60.5	0.0	0.0%
95.1%	60.5	60.5	0.0	0.0%
96.3%	60.5	60.5	0.0	0.0%
97.5%	60.5	60.5	0.0	0.0%
98.8%	60.4	60.3	-0.1	-0.2%
100.0%	60.4	60.3	-0.1	-0.2%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	63.6	64.4	0.8	1.3%
1.2%	63.1	63.8	0.7	1.1%
2.5%	62.9	63.7	0.8	1.3%
3.7%	62.9	63.0	0.1	0.2%
4.9%	62.9	62.9	0.0	0.0%
6.2%	62.7	62.6	-0.1	-0.2%
7.4%	62.6	62.4	-0.2	-0.3%
8.6%	62.4	61.9	-0.5	-0.8%
9.9%	62.3	61.6	-0.7	-1.1%
11.1%	62.2	61.5	-0.7	-1.1%
12.3%	62.2	61.2	-1.0	-1.6%
13.6%	62.0	61.0	-1.0	-1.6%
14.8%	61.9	61.0	-0.9	-1.5%
16.0%	61.7	60.9	-0.8	-1.3%
17.3%	61.6	60.9	-0.7	-1.1%
18.5%	61.6	60.9	-0.7	-1.1%
19.8%	61.5	60.9	-0.6	-1.0%
21.0%	61.5	60.8	-0.7	-1.1%
22.2%	61.5	60.7	-0.8	-1.3%
23.5%	61.4	60.7	-0.7	-1.1%
24.7%	61.3	60.7	-0.6	-1.0%
25.9%	60.6	60.7	0.1	0.2%
27.2%	60.6	60.7	0.1	0.2%
28.4%	60.6	60.6	0.0	0.0%
29.6%	60.5	60.6	0.1	0.2%
30.9%	60.5	60.5	0.0	0.0%
32.1%	60.3	60.5	0.2	0.3%
33.3%	60.3	60.5	0.2	0.3%
34.6%	60.3	60.5	0.2	0.3%
35.8%	60.3	60.4	0.1	0.2%
37.0%	60.3	60.3	0.0	0.0%
38.3%	60.3	60.2	-0.1	-0.2%
39.5%	60.2	60.2	0.0	0.0%
40.7%	60.2	60.1	-0.1	-0.2%
42.0%	60.2	60.1	-0.1	-0.2%
43.2%	60.1	60.1	0.0	0.0%
44.4%	60.1	60.0	-0.1	-0.2%
45.7%	60.1	60.0	-0.1	-0.2%
46.9%	60.1	60.0	-0.1	-0.2%
48.1%	60.1	60.0	-0.1	-0.2%
49.4%	60.1	59.9	-0.2	-0.3%
50.6%	60.0	59.9	-0.1	-0.2%
51.9%	60.0	59.9	-0.1	-0.2%
53.1%	60.0	59.9	-0.1	-0.2%
54.3%	60.0	59.9	-0.1	-0.2%
55.6%	60.0	59.9	-0.1	-0.2%
56.8%	60.0	59.9	-0.1	-0.2%
58.0%	59.9	59.9	0.0	0.0%
59.3%	59.9	59.9	0.0	0.0%
60.5%	59.9	59.8	-0.1	-0.2%
61.7%	59.9	59.8	-0.1	-0.2%
63.0%	59.9	59.8	-0.1	-0.2%
64.2%	59.9	59.8	-0.1	-0.2%
65.4%	59.9	59.8	-0.1	-0.2%
66.7%	59.8	59.8	0.0	0.0%
67.9%	59.8	59.8	0.0	0.0%
69.1%	59.8	59.8	0.0	0.0%
70.4%	59.8	59.7	-0.1	-0.2%
71.6%	59.8	59.7	-0.1	-0.2%
72.8%	59.7	59.7	0.0	0.0%
74.1%	59.7	59.7	0.0	0.0%
75.3%	59.7	59.7	0.0	0.0%
76.5%	59.7	59.7	0.0	0.0%
77.8%	59.7	59.7	0.0	0.0%
79.0%	59.7	59.7	0.0	0.0%
80.2%	59.6	59.7	0.1	0.2%
81.5%	59.6	59.7	0.1	0.2%
82.7%	59.6	59.6	0.0	0.0%
84.0%	59.6	59.6	0.0	0.0%
85.2%	59.6	59.6	0.0	0.0%
86.4%	59.6	59.6	0.0	0.0%
87.7%	59.6	59.6	0.0	0.0%
88.9%	59.5	59.5	0.0	0.0%
90.1%	59.5	59.5	0.0	0.0%
91.4%	59.5	59.5	0.0	0.0%
92.6%	59.5	59.5	0.0	0.0%
93.8%	59.5	59.5	0.0	0.0%
95.1%	59.5	59.5	0.0	0.0%
96.3%	59.5	59.5	0.0	0.0%
97.5%	59.5	59.4	-0.1	-0.2%
98.8%	59.5	59.3	-0.2	-0.3%
100.0%	59.5	59.3	-0.2	-0.3%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.0	59.5	-0.5	-0.8%
1.2%	58.7	58.7	0.0	0.0%
2.5%	58.1	58.7	0.6	1.0%
3.7%	57.9	57.8	-0.1	-0.2%
4.9%	57.7	57.3	-0.4	-0.7%
6.2%	57.7	57.3	-0.4	-0.7%
7.4%	57.7	57.0	-0.7	-1.2%
8.6%	56.8	56.6	-0.2	-0.4%
9.9%	56.8	56.6	-0.2	-0.4%
11.1%	56.7	56.6	-0.1	-0.2%
12.3%	56.7	56.4	-0.3	-0.5%
13.6%	56.6	56.4	-0.2	-0.4%
14.8%	56.6	56.2	-0.4	-0.7%
16.0%	56.5	56.2	-0.3	-0.5%
17.3%	56.4	56.0	-0.4	-0.7%
18.5%	56.4	55.9	-0.5	-0.9%
19.8%	56.2	55.9	-0.3	-0.5%
21.0%	56.2	55.8	-0.4	-0.7%
22.2%	56.1	55.8	-0.3	-0.5%
23.5%	56.0	55.8	-0.2	-0.4%
24.7%	55.9	55.7	-0.2	-0.4%
25.9%	55.8	55.6	-0.2	-0.4%
27.2%	55.8	55.6	-0.2	-0.4%
28.4%	55.7	55.6	-0.1	-0.2%
29.6%	55.7	55.6	-0.1	-0.2%
30.9%	55.7	55.6	-0.1	-0.2%
32.1%	55.6	55.5	-0.1	-0.2%
33.3%	55.6	55.4	-0.2	-0.4%
34.6%	55.5	55.4	-0.1	-0.2%
35.8%	55.5	55.3	-0.2	-0.4%
37.0%	55.5	55.3	-0.2	-0.4%
38.3%	55.5	55.3	-0.2	-0.4%
39.5%	55.4	55.3	-0.1	-0.2%
40.7%	55.4	55.3	-0.1	-0.2%
42.0%	55.4	55.3	-0.1	-0.2%
43.2%	55.4	55.3	-0.1	-0.2%
44.4%	55.3	55.2	-0.1	-0.2%
45.7%	55.2	55.2	0.0	0.0%
46.9%	55.2	55.2	0.0	0.0%
48.1%	55.2	55.1	-0.1	-0.2%
49.4%	55.1	55.0	-0.1	-0.2%
50.6%	55.1	54.9	-0.2	-0.4%
51.9%	55.0	54.8	-0.2	-0.4%
53.1%	55.0	54.8	-0.2	-0.4%
54.3%	55.0	54.8	-0.2	-0.4%
55.6%	55.0	54.8	-0.2	-0.4%
56.8%	54.9	54.8	-0.1	-0.2%
58.0%	54.8	54.8	0.0	0.0%
59.3%	54.8	54.7	-0.1	-0.2%
60.5%	54.8	54.6	-0.2	-0.4%
61.7%	54.8	54.6	-0.2	-0.4%
63.0%	54.7	54.6	-0.1	-0.2%
64.2%	54.7	54.6	-0.1	-0.2%
65.4%	54.7	54.6	-0.1	-0.2%
66.7%	54.6	54.6	0.0	0.0%
67.9%	54.6	54.5	-0.1	-0.2%
69.1%	54.6	54.5	-0.1	-0.2%
70.4%	54.6	54.5	-0.1	-0.2%
71.6%	54.5	54.5	0.0	0.0%
72.8%	54.5	54.5	0.0	0.0%
74.1%	54.5	54.5	0.0	0.0%
75.3%	54.5	54.4	-0.1	-0.2%
76.5%	54.5	54.4	-0.1	-0.2%
77.8%	54.4	54.4	0.0	0.0%
79.0%	54.4	54.4	0.0	0.0%
80.2%	54.4	54.4	0.0	0.0%
81.5%	54.4	54.4	0.0	0.0%
82.7%	54.3	54.4	0.1	0.2%
84.0%	54.3	54.3	0.0	0.0%
85.2%	54.2	54.3	0.1	0.2%
86.4%	54.2	54.3	0.1	0.2%
87.7%	54.2	54.3	0.1	0.2%
88.9%	54.2	54.2	0.0	0.0%
90.1%	54.2	54.2	0.0	0.0%
91.4%	54.2	54.1	-0.1	-0.2%
92.6%	54.2	54.1	-0.1	-0.2%
93.8%	54.1	54.1	0.0	0.0%
95.1%	54.1	54.1	0.0	0.0%
96.3%	54.1	54.1	0.0	0.0%
97.5%	54.1	54.0	-0.1	-0.2%
98.8%	53.9	53.9	0.0	0.0%
100.0%	53.9	53.9	0.0	0.0%

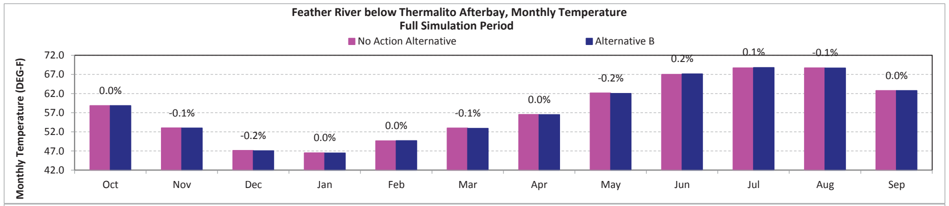
Table SQ-16-5a
Feather River below Thermalito Afterbay, Monthly Temperature
Long-term Average and Average by Water Year Type

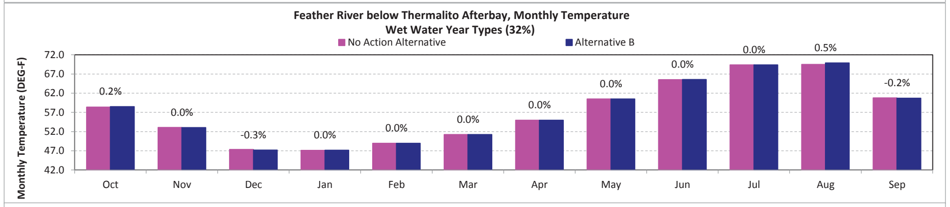
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	58.8	53.0	47.1	46.5	49.7	53.0	56.5	62.2	67.0	68.7	68.7	62.8
Alternative B	58.8	53.0	47.0	46.5	49.7	52.9	56.5	62.0	67.1	68.8	68.7	62.8
Difference	0.0	-0.1	-0.1	0.0	0.0	-0.1	0.0	-0.1	0.1	0.1	0.0	0.0
Percent Difference[3]	0.0%	-0.1%	-0.2%	0.0%	0.0%	-0.1%	0.0%	-0.2%	0.2%	0.1%	-0.1%	0.0%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	58.4	53.1	47.3	47.1	49.0	51.2	55.0	60.5	65.5	69.4	69.5	60.8
Alternative B	58.5	53.1	47.2	47.1	49.0	51.2	55.0	60.5	65.6	69.4	69.9	60.7
Difference	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	-0.1
Percent Difference	0.2%	0.0%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	-0.2%
Above Normal (15%)												
No Action Alternative	58.4	51.9	46.7	46.6	49.4	52.6	57.1	62.7	67.3	67.6	67.3	61.3
Alternative B	58.5	51.9	46.5	46.5	49.4	52.4	57.1	62.7	67.5	67.6	67.5	61.1
Difference	0.0	0.0	-0.2	0.0	0.0	-0.2	0.0	0.0	0.2	0.0	0.2	-0.2
Percent Difference	0.0%	0.0%	-0.4%	0.0%	0.0%	-0.3%	0.0%	0.0%	0.3%	0.0%	0.2%	-0.3%
Below Normal (17%)												
No Action Alternative	59.4	53.1	46.5	46.2	49.6	53.7	57.4	62.6	67.4	68.0	68.0	65.2
Alternative B	59.4	53.1	46.5	46.0	49.6	53.7	57.4	62.6	67.7	68.0	68.2	65.1
Difference	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	-0.1	0.3	0.1	0.2	-0.1
Percent Difference	0.0%	0.0%	0.0%	-0.3%	0.0%	0.0%	0.1%	-0.1%	0.4%	0.1%	0.3%	-0.1%
Dry (22%)												
No Action Alternative	59.1	53.2	47.5	45.7	50.1	54.5	57.3	62.9	68.1	67.9	67.5	63.8
Alternative B	59.0	53.2	47.3	45.7	50.1	54.3	57.4	62.6	68.3	68.1	67.2	64.0
Difference	-0.1	0.0	-0.2	0.0	0.0	-0.2	0.1	-0.2	0.2	0.1	-0.3	0.2
Percent Difference	-0.1%	0.0%	-0.3%	0.0%	0.1%	-0.3%	0.1%	-0.4%	0.3%	0.2%	-0.4%	0.3%
Critical (15%)												
No Action Alternative	59.2	53.8	47.4	46.2	50.8	53.9	57.0	63.3	67.7	70.2	70.6	64.1
Alternative B	59.1	53.4	47.4	46.3	50.7	53.8	56.7	62.9	67.6	70.4	69.6	64.0
Difference	-0.1	-0.4	0.0	0.1	0.0	-0.1	-0.3	-0.4	0.0	0.2	-1.0	0.0
Percent Difference	-0.2%	-0.8%	0.0%	0.1%	0.0%	-0.1%	-0.6%	-0.6%	0.0%	0.3%	-1.4%	0.0%

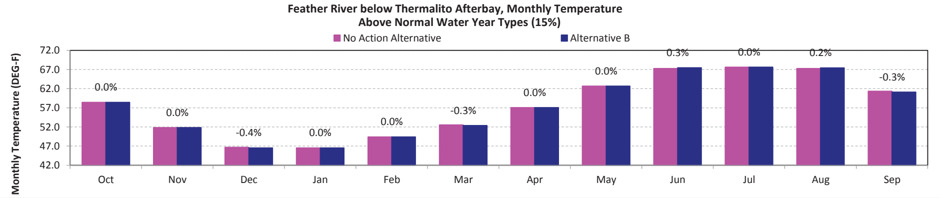
1 Based on the 82-year simulation period

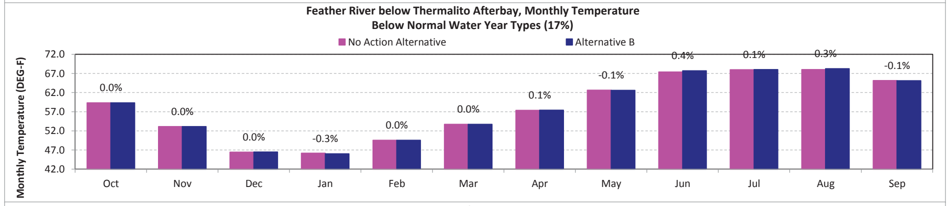
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

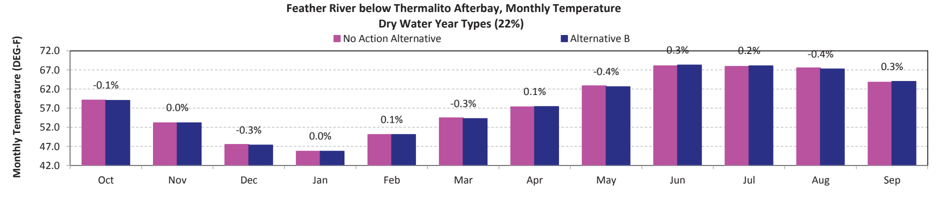
3 Relative difference of the monthly average


Feather River below Thermalito Afterbay, Monthly Temperature
Full Simulation Period


Feather River below Thermalito Afterbay, Monthly Temperature
Wet Water Year Types (32%)


Feather River below Thermalito Afterbay, Monthly Temperature
Above Normal Water Year Types (15%)


Feather River below Thermalito Afterbay, Monthly Temperature
Below Normal Water Year Types (17%)


Feather River below Thermalito Afterbay, Monthly Temperature
Dry Water Year Types (22%)

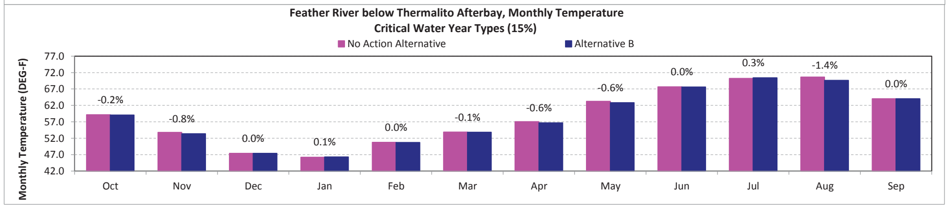

Feather River below Thermalito Afterbay, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-16-5b
Feather River below Thermalito Afterbay, Monthly Temperature
Probability of Exceedance

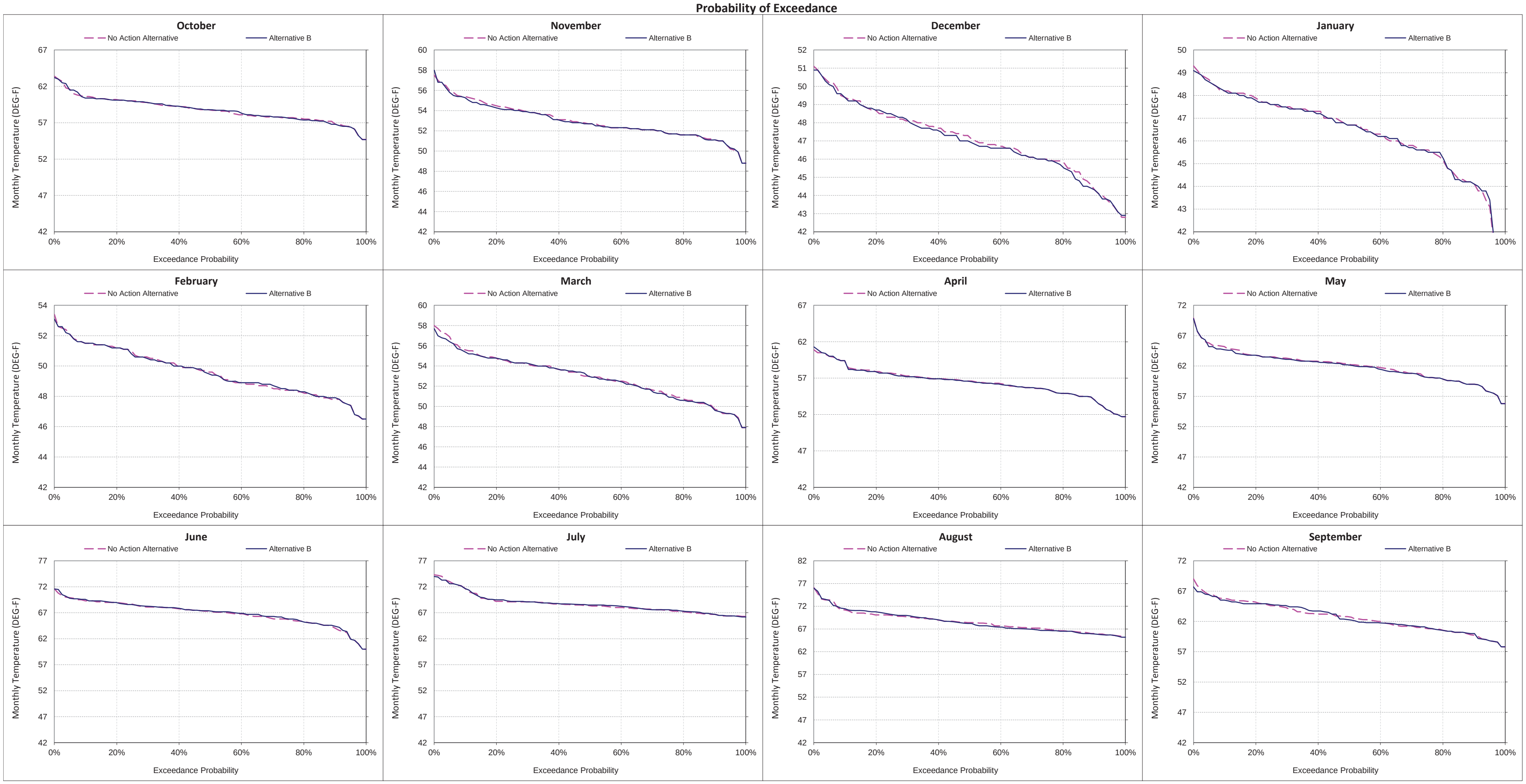


Table SQ-16-5b

Feather River below Thermalito Afterbay, Monthly Temperature
Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	63.4	63.2	-0.2	-0.3%
1.2%	63.0	63.0	0.0	0.0%
2.5%	62.7	62.5	-0.2	-0.3%
3.7%	61.8	62.4	0.6	1.0%
4.9%	61.6	61.5	-0.1	-0.2%
6.2%	61.0	61.5	0.5	0.8%
7.4%	60.8	61.2	0.4	0.7%
8.6%	60.7	60.6	-0.1	-0.2%
9.9%	60.6	60.4	-0.2	-0.3%
11.1%	60.6	60.4	-0.2	-0.3%
12.3%	60.5	60.4	-0.1	-0.2%
13.6%	60.3	60.3	0.0	0.0%
14.8%	60.3	60.3	0.0	0.0%
16.0%	60.3	60.3	0.0	0.0%
17.3%	60.2	60.2	0.0	0.0%
18.5%	60.2	60.1	-0.1	-0.2%
19.8%	60.2	60.1	-0.1	-0.2%
21.0%	60.1	60.1	0.0	0.0%
22.2%	60.1	60.1	0.0	0.0%
23.5%	60.0	60.0	0.0	0.0%
24.7%	60.0	60.0	0.0	0.0%
25.9%	60.0	59.9	-0.1	-0.2%
27.2%	59.9	59.9	0.0	0.0%
28.4%	59.8	59.9	0.1	0.2%
29.6%	59.8	59.8	0.0	0.0%
30.9%	59.7	59.7	0.0	0.0%
32.1%	59.6	59.6	0.0	0.0%
33.3%	59.5	59.6	0.1	0.2%
34.6%	59.4	59.6	0.2	0.3%
35.8%	59.4	59.4	0.0	0.0%
37.0%	59.3	59.4	0.1	0.2%
38.3%	59.3	59.3	0.0	0.0%
39.5%	59.2	59.3	0.1	0.2%
40.7%	59.2	59.2	0.0	0.0%
42.0%	59.2	59.1	-0.1	-0.2%
43.2%	59.0	59.1	0.1	0.2%
44.4%	59.0	59.0	0.0	0.0%
45.7%	58.9	58.9	0.0	0.0%
46.9%	58.8	58.9	0.1	0.2%
48.1%	58.8	58.8	0.0	0.0%
49.4%	58.8	58.8	0.0	0.0%
50.6%	58.7	58.8	0.1	0.2%
51.9%	58.7	58.7	0.0	0.0%
53.1%	58.6	58.7	0.1	0.2%
54.3%	58.6	58.7	0.1	0.2%
55.6%	58.6	58.6	0.0	0.0%
56.8%	58.3	58.6	0.3	0.5%
58.0%	58.2	58.6	0.4	0.7%
59.3%	58.1	58.5	0.4	0.7%
60.5%	58.1	58.2	0.1	0.2%
61.7%	58.0	58.1	0.1	0.2%
63.0%	58.0	58.1	0.1	0.2%
64.2%	57.9	58.0	0.1	0.2%
65.4%	57.9	58.0	0.1	0.2%
66.7%	57.9	57.9	0.0	0.0%
67.9%	57.8	57.9	0.1	0.2%
69.1%	57.8	57.9	0.1	0.2%
70.4%	57.8	57.8	0.0	0.0%
71.6%	57.8	57.8	0.0	0.0%
72.8%	57.7	57.8	0.1	0.2%
74.1%	57.7	57.7	0.0	0.0%
75.3%	57.7	57.6	-0.1	-0.2%
76.5%	57.7	57.6	-0.1	-0.2%
77.8%	57.6	57.5	-0.1	-0.2%
79.0%	57.6	57.4	-0.2	-0.3%
80.2%	57.5	57.4	-0.1	-0.2%
81.5%	57.5	57.4	-0.1	-0.2%
82.7%	57.4	57.3	-0.1	-0.2%
84.0%	57.4	57.3	-0.1	-0.2%
85.2%	57.3	57.2	-0.1	-0.2%
86.4%	57.3	57.2	-0.1	-0.2%
87.7%	57.2	57.0	-0.2	-0.3%
88.9%	57.2	56.8	-0.4	-0.7%
90.1%	56.8	56.8	0.0	0.0%
91.4%	56.8	56.6	-0.2	-0.4%
92.6%	56.6	56.5	-0.1	-0.2%
93.8%	56.5	56.5	0.0	0.0%
95.1%	56.5	56.4	-0.1	-0.2%
96.3%	56.1	56.1	0.0	0.0%
97.5%	55.2	55.2	0.0	0.0%
98.8%	54.7	54.7	0.0	0.0%
100.0%	54.7	54.7	0.0	0.0%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	57.5	58.0	0.5	0.9%
1.2%	57.0	56.8	-0.2	-0.4%
2.5%	56.6	56.8	0.2	0.4%
3.7%	56.5	56.3	-0.2	-0.4%
4.9%	56.0	55.8	-0.2	-0.4%
6.2%	55.8	55.5	-0.3	-0.5%
7.4%	55.5	55.4	-0.1	-0.2%
8.6%	55.4	55.4	0.0	0.0%
9.9%	55.4	55.3	-0.1	-0.2%
11.1%	55.3	55.0	-0.3	-0.5%
12.3%	55.2	54.8	-0.4	-0.7%
13.6%	55.1	54.8	-0.3	-0.5%
14.8%	55.0	54.6	-0.4	-0.7%
16.0%	54.8	54.6	-0.2	-0.4%
17.3%	54.6	54.5	-0.1	-0.2%
18.5%	54.6	54.4	-0.2	-0.4%
19.8%	54.5	54.3	-0.2	-0.4%
21.0%	54.4	54.2	-0.2	-0.4%
22.2%	54.4	54.1	-0.3	-0.6%
23.5%	54.3	54.1	-0.2	-0.4%
24.7%	54.2	54.1	-0.1	-0.2%
25.9%	54.1	54.0	-0.1	-0.2%
27.2%	54.1	54.0	-0.1	-0.2%
28.4%	54.0	53.9	-0.1	-0.2%
29.6%	53.9	53.9	0.0	0.0%
30.9%	53.8	53.8	0.0	0.0%
32.1%	53.8	53.8	0.0	0.0%
33.3%	53.7	53.7	0.0	0.0%
34.6%	53.7	53.6	-0.1	-0.2%
35.8%	53.6	53.6	0.0	0.0%
37.0%	53.6	53.4	-0.2	-0.4%
38.3%	53.4	53.1	-0.3	-0.6%
39.5%	53.1	53.1	0.0	0.0%
40.7%	53.1	53.0	-0.1	-0.2%
42.0%	53.1	52.9	-0.2	-0.4%
43.2%	53.1	52.9	-0.2	-0.4%
44.4%	52.9	52.8	-0.1	-0.2%
45.7%	52.9	52.8	-0.1	-0.2%
46.9%	52.8	52.8	0.0	0.0%
48.1%	52.8	52.7	-0.1	-0.2%
49.4%	52.7	52.7	0.0	0.0%
50.6%	52.7	52.7	0.0	0.0%
51.9%	52.7	52.5	-0.2	-0.4%
53.1%	52.5	52.5	0.0	0.0%
54.3%	52.5	52.4	-0.1	-0.2%
55.6%	52.4	52.4	0.0	0.0%
56.8%	52.3	52.3	0.0	0.0%
58.0%	52.3	52.3	0.0	0.0%
59.3%	52.3	52.3	0.0	0.0%
60.5%	52.3	52.3	0.0	0.0%
61.7%	52.3	52.3	0.0	0.0%
63.0%	52.2	52.2	0.0	0.0%
64.2%	52.2	52.2	0.0	0.0%
65.4%	52.2	52.2	0.0	0.0%
66.7%	52.1	52.1	0.0	0.0%
67.9%	52.1	52.1	0.0	0.0%
69.1%	52.1	52.1	0.0	0.0%
70.4%	52.1	52.1	0.0	0.0%
71.6%	52.0	52.0	0.0	0.0%
72.8%	52.0	52.0	0.0	0.0%
74.1%	51.8	51.8	0.0	0.0%
75.3%	51.7	51.7	0.0	0.0%
76.5%	51.7	51.7	0.0	0.0%
77.8%	51.7	51.7	0.0	0.0%
79.0%	51.6	51.6	0.0	0.0%
80.2%	51.6	51.6	0.0	0.0%
81.5%	51.6	51.6	0.0	0.0%
82.7%	51.6	51.6	0.0	0.0%
84.0%	51.6	51.6	0.0	0.0%
85.2%	51.3	51.5	0.2	0.4%
86.4%	51.3	51.2	-0.1	-0.2%
87.7%	51.2	51.1	-0.1	-0.2%
88.9%	51.2	51.1	-0.1	-0.2%
90.1%	51.1	51.1	0.0	0.0%
91.4%	51.0	51.0	0.0	0.0%
92.6%	51.0	51.0	0.0	0.0%
93.8%	50.6	50.6	0.0	0.0%
95.1%	50.2	50.3	0.1	0.2%
96.3%	50.1	50.2	0.1	0.2%
97.5%	49.9	49.9	0.0	0.0%
98.8%	48.8	48.8	0.0	0.0%
100.0%	48.8	48.8	0.0	0.0%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	51.1	50.9	-0.2	-0.4%
1.2%	50.9	50.9	0.0	0.0%
2.5%	50.6	50.6	0.0	0.0%
3.7%	50.4	50.3	-0.1	-0.2%
4.9%	50.2	50.1	-0.1	-0.2%
6.2%	50.2	50.0	-0.2	-0.4%
7.4%	49.9	49.6	-0.3	-0.6%
8.6%	49.5	49.6	0.1	0.2%
9.9%	49.4	49.4	0.0	0.0%
11.1%	49.3	49.2	-0.1	-0.2%
12.3%	49.3	49.2	-0.1	-0.2%
13.6%	49.2	49.2	0.0	0.0%
14.8%	49.2	49.0	-0.2	-0.4%
16.0%	48.9	48.9	0.0	0.0%
17.3%	48.8	48.8	0.0	0.0%
18.5%	48.7	48.8	0.1	0.2%
19.8%	48.7	48.7	0.0	0.0%
21.0%	48.5	48.7	0.2	0.4%
22.2%	48.5	48.6	0.1	0.2%
23.5%	48.3	48.5	0.2	0.4%
24.7%	48.3	48.5	0.2	0.4%
25.9%	48.3	48.4	0.1	0.2%
27.2%	48.2	48.3	0.1	0.2%
28.4%	48.2	48.3	0.1	0.2%
29.6%	48.1	48.2	0.1	0.2%
30.9%	48.1	48.0	-0.1	-0.2%
32.1%	48.1	47.9	-0.2	-0.4%
33.3%	48.0	47.8	-0.2	-0.4%
34.6%	48.0	47.7	-0.3	-0.6%
35.8%	47.9	47.7	-0.2	-0.4%
37.0%	47.8	47.7	-0.1	-0.2%
38.3%	47.8	47.6	-0.2	-0.4%
39.5%	47.7	47.6	-0.1	-0.2%
40.7%	47.7	47.5	-0.2	-0.4%
42.0%	47.5	47.3	-0.2	-0.4%
43.2%	47.5	47.3	-0.2	-0.4%
44.4%	47.5	47.3	-0.2	-0.4%
45.7%	47.4	47.3	-0.1	-0.2%
46.9%	47.4	47.0	-0.4	-0.8%
48.1%	47.3	47.0	-0.3	-0.6%
49.4%	47.3	47.0	-0.3	-0.6%
50.6%	47.1	46.9	-0.2	-0.4%
51.9%	47.0	46.8	-0.2	-0.4%
53.1%	46.9	46.7	-0.2	-0.4%
54.3%	46.9	46.7	-0.2	-0.4%
55.6%	46.8	46.7	-0.1	-0.2%
56.8%	46.8	46.6	-0.2	-0.4%
58.0%	46.8	46.6	-0.2	-0.4%
59.3%	46.7	46.6	-0.1	-0.2%
60.5%	46.7	46.6	-0.1	-0.2%
61.7%	46.6	46.6	0.0	0.0%
63.0%	46.6	46.6	0.0	0.0%
64.2%	46.6	46.4	-0.2	-0.4%
65.4%	46.5	46.3	-0.2	-0.4%
66.7%	46.3	46.2	-0.1	-0.2%
67.9%	46.2	46.2	0.0	0.0%
69.1%	46.1	46.1	0.0	0.0%
70.4%	46.1	46.1	0.0	0.0%
71.6%	46.0	46.0	0.0	0.0%
72.8%	46.0	46.0	0.0	0.0%
74.1%	46.0	46.0	0.0	0.0%
75.3%	46.0	45.9	-0.1	-0.2%
76.5%	45.9	45.9	0.0	0.0%
77.8%	45.9	45.8	-0.1	-0.2%
79.0%	45.9	45.7	-0.2	-0.4%
80.2%	45.8	45.5	-0.3	-0.7%
81.5%	45.5	45.4	-0.1	-0.2%
82.7%	45.5	45.3	-0.2	-0.4%
84.0%	45.3	44.9	-0.4	-0.9%
85.2%	45.3	44.8	-0.5	-1.1%
86.4%	44.9	44.5	-0.4	-0.9%
87.7%	44.8	44.5	-0.3	-0.7%
88.9%	44.6	44.4	-0.2	-0.4%
90.1%	44.3	44.3	0.0	0.0%
91.4%	44.1	44.1	0.0	0.0%
92.6%	44.0	43.8	-0.2	-0.5%
93.8%	43.8	43.8	0.0	0.0%
95.1%	43.6	43.7	0.1	0.2%
96.3%	43.4	43.4	0.0	0.0%
97.5%	43.1	43.1	0.0	0.0%
98.8%	42.8	42.9	0.1	0.2%
100.0%	42.8	42.9	0.1	0.2%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	49.3	49.1	-0.2	-0.4%
1.2%	49.1	49.0	-0.1	-0.2%
2.5%	48.9	48.9	0.0	0.0%
3.7%	48.8	48.7	-0.1	-0.2%
4.9%	48.7	48.6	-0.1	-0.2%
6.2%	48.5	48.5	0.0	0.0%
7.4%	48.4	48.4	0.0	0.0%
8.6%	48.2	48.3	0.1	0.2%
9.9%	48.2	48.2	0.0	0.0%
11.1%	48.2	48.1	-0.1	-0.2%
12.3%	48.1	48.1	0.0	0.0%
13.6%	48.1	48.1	0.0	0.0%
14.8%	48.1	48.0	-0.1	-0.2%
16.0%	48.1	48.0	-0.1	-0.2%
17.3%	48.0	47.9	-0.1	-0.2%
18.5%	48.0	47.9	-0.1	-0.2%
19.8%	47.9	47.8	-0.1	-0.2%
21.0%	47.8	47.7	-0.1	-0.2%
22.2%	47.7	47.7	0.0	0.0%
23.5%	47.7	47.7	0.0	0.0%
24.7%	47.6	47.6	0.0	0.0%
25.9%	47.6	47.6	0.0	0.0%
27.2%	47.5	47.6	0.1	0.2%
28.4%	47.5	47.5	0.0	0.0%
29.6%	47.5	47.5	0.0	0.0%
30.9%	47.5	47.4	-0.1	-0.2%
32.1%	47.4	47.4	0.0	0.0%
33.3%	47.4	47.4	0.0	0.0%
34.6%	47.4	47.4	0.0	0.0%
35.8%	47.4	47.3	-0.1	-0.2%
37.0%	47.3	47.3	0.0	0.0%
38.3%	47.3	47.3	0.0	0.0%
39.5%	47.3	47.2	-0.1	-0.2%
40.7%	47.3	47.2	-0.1	-0.2%
42.0%	47.0	47.1	0.1	0.2%
43.2%	47.0	47.0	0.0	0.0%
44.4%	47.0	47.0	0.0	0.0%
45.7%	47.0	46.8	-0.2	-0.4%
46.9%	46.9	46.8	-0.1	-0.2%
48.1%	46.8	46.8	0.0	0.0%
49.4%	46.7	46.7	0.0	0.0%
50.6%	46.7	46.7	0.0	0.0%
51.9%	46.7	46.7	0.0	0.0%
53.1%	46.7	46.6	-0.1	-0.2%
54.3%	46.5	46.5	0.0	0.0%
55.6%	46.5	46.4	-0.1	-0.2%
56.8%	46.4	46.4	0.0	0.0%
58.0%	46.3	46.3	0.0	0.0%
59.3%	46.3	46.2	-0.1	-0.2%
60.5%	46.3	46.2	-0.1	-0.2%
61.7%	46.1	46.2	0.1	0.2%
63.0%	46.0	46.1	0.1	0.2%
64.2%	46.0	46.1	0.1	0.2%
65.4%	46.0	46.1	0.1	0.2%
66.7%	45.9	45.8	-0.1	-0.2%
67.9%	45.8	45.8	0.0	0.0%
69.1%	45.8	45.7	-0.1	-0.2%
70.4%	45.8	45.7	-0.1	-0.2%
71.6%	45.7	45.6	-0.1	-0.2%
72.8%	45.6	45.6	0.0	0.0%
74.1%	45.6	45.6	0.0	0.0%
75.3%	45.6	45.5	-0.1	-0.2%
76.5%	45.5	45.5	0.0	0.0%
77.8%	45.4	45.5	0.1	0.2%
79.0%	45.3	45.5	0.2	0.4%
80.2%	45.1	45.2	0.1	0.2%
81.5%	44.8	44.8	0.0	0.0%
82.7%	44.7	44.7	0.0	0.0%
84.0%	44.5	44.3	-0.2	-0.4%
85.2%	44.3	44.3	0.0	0.0%
86.4%	44.3	44.2	-0.1	-0.2%
87.7%	44.2	44.2	0.0	0.0%
88.9%	44.2	44.2	0.0	0.0%
90.1%	44.1	44.1	0.0	0.0%
91.4%	43.8	44.0	0.2	0.5%
92.6%	43.8	43.8	0.0	0.0%
93.8%	43.4	43.8	0.4	0.9%
95.1%	43.1	43.4	0.3	0.7%
96.3%	41.6	41.8	0.2	0.5%
97.5%	41.4	41.4	0.0	0.0%
98.8%	41.2	41.2	0.0	0.0%
100.0%	41.2	41.2	0.0	0.0%

Table SQ-16-5b

Feather River below Thermalito Afterbay, Monthly Temperature
Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.4	53.1	-0.3	-0.6%
1.2%	52.6	52.6	0.0	0.0%
2.5%	52.5	52.6	0.1	0.2%
3.7%	52.4	52.2	-0.2	-0.4%
4.9%	52.1	52.1	0.0	0.0%
6.2%	51.8	51.8	0.0	0.0%
7.4%	51.7	51.6	-0.1	-0.2%
8.6%	51.6	51.6	0.0	0.0%
9.9%	51.5	51.5	0.0	0.0%
11.1%	51.5	51.5	0.0	0.0%
12.3%	51.4	51.5	0.1	0.2%
13.6%	51.4	51.4	0.0	0.0%
14.8%	51.4	51.4	0.0	0.0%
16.0%	51.4	51.4	0.0	0.0%
17.3%	51.3	51.3	0.0	0.0%
18.5%	51.3	51.2	-0.1	-0.2%
19.8%	51.2	51.2	0.0	0.0%
21.0%	51.2	51.2	0.0	0.0%
22.2%	51.1	51.1	0.0	0.0%
23.5%	51.1	51.1	0.0	0.0%
24.7%	51.0	50.8	-0.2	-0.4%
25.9%	50.7	50.6	-0.1	-0.2%
27.2%	50.6	50.6	0.0	0.0%
28.4%	50.6	50.6	0.0	0.0%
29.6%	50.6	50.5	-0.1	-0.2%
30.9%	50.5	50.4	-0.1	-0.2%
32.1%	50.5	50.4	-0.1	-0.2%
33.3%	50.4	50.3	-0.1	-0.2%
34.6%	50.3	50.3	0.0	0.0%
35.8%	50.2	50.2	0.0	0.0%
37.0%	50.2	50.2	0.0	0.0%
38.3%	50.2	50.0	-0.2	-0.4%
39.5%	50.0	50.0	0.0	0.0%
40.7%	49.9	50.0	0.1	0.2%
42.0%	49.9	49.9	0.0	0.0%
43.2%	49.9	49.9	0.0	0.0%
44.4%	49.9	49.9	0.0	0.0%
45.7%	49.8	49.8	0.0	0.0%
46.9%	49.7	49.8	0.1	0.2%
48.1%	49.7	49.6	-0.1	-0.2%
49.4%	49.6	49.5	-0.1	-0.2%
50.6%	49.6	49.4	-0.2	-0.4%
51.9%	49.4	49.4	0.0	0.0%
53.1%	49.4	49.3	-0.1	-0.2%
54.3%	49.1	49.1	0.0	0.0%
55.6%	49.1	49.0	-0.1	-0.2%
56.8%	49.0	49.0	0.0	0.0%
58.0%	48.9	49.0	0.1	0.2%
59.3%	48.9	48.9	0.0	0.0%
60.5%	48.9	48.9	0.0	0.0%
61.7%	48.8	48.9	0.1	0.2%
63.0%	48.8	48.9	0.1	0.2%
64.2%	48.8	48.9	0.1	0.2%
65.4%	48.7	48.9	0.2	0.4%
66.7%	48.7	48.8	0.1	0.2%
67.9%	48.7	48.8	0.1	0.2%
69.1%	48.6	48.8	0.2	0.4%
70.4%	48.5	48.7	0.2	0.4%
71.6%	48.5	48.6	0.1	0.2%
72.8%	48.4	48.5	0.1	0.2%
74.1%	48.4	48.5	0.1	0.2%
75.3%	48.4	48.4	0.0	0.0%
76.5%	48.4	48.4	0.0	0.0%
77.8%	48.3	48.4	0.1	0.2%
79.0%	48.3	48.3	0.0	0.0%
80.2%	48.2	48.3	0.1	0.2%
81.5%	48.2	48.2	0.0	0.0%
82.7%	48.1	48.1	0.0	0.0%
84.0%	48.1	48.0	-0.1	-0.2%
85.2%	47.9	48.0	0.1	0.2%
86.4%	47.9	48.0	0.1	0.2%
87.7%	47.9	47.9	0.0	0.0%
88.9%	47.8	47.9	0.1	0.2%
90.1%	47.8	47.9	0.1	0.2%
91.4%	47.8	47.8	0.0	0.0%
92.6%	47.6	47.6	0.0	0.0%
93.8%	47.5	47.5	0.0	0.0%
95.1%	47.4	47.4	0.0	0.0%
96.3%	46.8	46.8	0.0	0.0%
97.5%	46.7	46.7	0.0	0.0%
98.8%	46.5	46.5	0.0	0.0%
100.0%	46.5	46.5	0.0	0.0%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	58.0	57.7	-0.3	-0.5%
1.2%	57.7	57.0	-0.7	-1.2%
2.5%	57.3	56.8	-0.5	-0.9%
3.7%	57.2	56.7	-0.5	-0.9%
4.9%	56.9	56.4	-0.5	-0.9%
6.2%	56.2	56.2	0.0	0.0%
7.4%	56.1	55.7	-0.4	-0.7%
8.6%	55.7	55.6	-0.1	-0.2%
9.9%	55.6	55.4	-0.2	-0.4%
11.1%	55.5	55.2	-0.3	-0.5%
12.3%	55.5	55.2	-0.3	-0.5%
13.6%	55.2	55.1	-0.1	-0.2%
14.8%	55.0	55.0	0.0	0.0%
16.0%	54.9	54.9	0.0	0.0%
17.3%	54.9	54.8	-0.1	-0.2%
18.5%	54.9	54.8	-0.1	-0.2%
19.8%	54.8	54.8	0.0	0.0%
21.0%	54.6	54.7	0.1	0.2%
22.2%	54.6	54.6	0.0	0.0%
23.5%	54.5	54.6	0.1	0.2%
24.7%	54.3	54.4	0.1	0.2%
25.9%	54.3	54.3	0.0	0.0%
27.2%	54.3	54.3	0.0	0.0%
28.4%	54.3	54.3	0.0	0.0%
29.6%	54.2	54.3	0.1	0.2%
30.9%	54.1	54.2	0.1	0.2%
32.1%	54.0	54.1	0.1	0.2%
33.3%	54.0	54.0	0.0	0.0%
34.6%	54.0	54.0	0.0	0.0%
35.8%	54.0	54.0	0.0	0.0%
37.0%	54.0	53.8	-0.2	-0.4%
38.3%	53.8	53.8	0.0	0.0%
39.5%	53.7	53.7	0.0	0.0%
40.7%	53.6	53.6	0.0	0.0%
42.0%	53.6	53.6	0.0	0.0%
43.2%	53.4	53.5	0.1	0.2%
44.4%	53.4	53.5	0.1	0.2%
45.7%	53.4	53.4	0.0	0.0%
46.9%	53.1	53.4	0.3	0.6%
48.1%	53.0	53.3	0.3	0.6%
49.4%	53.0	53.0	0.0	0.0%
50.6%	53.0	52.9	-0.1	-0.2%
51.9%	52.9	52.9	0.0	0.0%
53.1%	52.9	52.7	-0.2	-0.4%
54.3%	52.7	52.7	0.0	0.0%
55.6%	52.7	52.6	-0.1	-0.2%
56.8%	52.6	52.6	0.0	0.0%
58.0%	52.5	52.6	0.1	0.2%
59.3%	52.5	52.5	0.0	0.0%
60.5%	52.5	52.4	-0.1	-0.2%
61.7%	52.4	52.2	-0.2	-0.4%
63.0%	52.2	52.2	0.0	0.0%
64.2%	52.2	52.1	-0.1	-0.2%
65.4%	52.0	52.0	0.0	0.0%
66.7%	51.8	51.8	0.0	0.0%
67.9%	51.8	51.7	-0.1	-0.2%
69.1%	51.7	51.7	0.0	0.0%
70.4%	51.6	51.4	-0.2	-0.4%
71.6%	51.5	51.3	-0.2	-0.4%
72.8%	51.5	51.3	-0.2	-0.4%
74.1%	51.2	51.2	0.0	0.0%
75.3%	51.2	50.9	-0.3	-0.6%
76.5%	51.1	50.9	-0.2	-0.4%
77.8%	50.9	50.7	-0.2	-0.4%
79.0%	50.9	50.6	-0.3	-0.6%
80.2%	50.7	50.6	-0.1	-0.2%
81.5%	50.6	50.5	-0.1	-0.2%
82.7%	50.6	50.5	-0.1	-0.2%
84.0%	50.4	50.4	0.0	0.0%
85.2%	50.3	50.4	0.1	0.2%
86.4%	50.3	50.4	0.1	0.2%
87.7%	50.2	50.2	0.0	0.0%
88.9%	50.1	50.0	-0.1	-0.2%
90.1%	49.7	49.6	-0.1	-0.2%
91.4%	49.6	49.5	-0.1	-0.2%
92.6%	49.3	49.4	0.1	0.2%
93.8%	49.3	49.3	0.0	0.0%
95.1%	49.3	49.3	0.0	0.0%
96.3%	49.2	49.2	0.0	0.0%
97.5%	48.9	48.8	-0.1	-0.2%
98.8%	47.9	47.9	0.0	0.0%
100.0%	47.9	47.9	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.9	61.3	0.4	0.7%
1.2%	60.5	60.9	0.4	0.7%
2.5%	60.5	60.5	0.0	0.0%
3.7%	60.3	60.4	0.1	0.2%
4.9%	60.0	60.0	0.0	0.0%
6.2%	59.9	60.0	0.1	0.2%
7.4%	59.7	59.6	-0.1	-0.2%
8.6%	59.4	59.4	0.0	0.0%
9.9%	59.4	59.4	0.0	0.0%
11.1%	58.4	58.2	-0.2	-0.3%
12.3%	58.3	58.2	-0.1	-0.2%
13.6%	58.2	58.1	-0.1	-0.2%
14.8%	58.2	58.1	-0.1	-0.2%
16.0%	58.1	58.1	0.0	0.0%
17.3%	58.1	57.9	-0.2	-0.3%
18.5%	58.1	57.9	-0.2	-0.3%
19.8%	57.9	57.9	0.0	0.0%
21.0%	57.9	57.7	-0.2	-0.3%
22.2%	57.7	57.7	0.0	0.0%
23.5%	57.7	57.7	0.0	0.0%
24.7%	57.7	57.6	-0.1	-0.2%
25.9%	57.6	57.4	-0.2	-0.3%
27.2%	57.6	57.3	-0.3	-0.5%
28.4%	57.4	57.3	-0.1	-0.2%
29.6%	57.3	57.2	-0.1	-0.2%
30.9%	57.3	57.2	-0.1	-0.2%
32.1%	57.2	57.2	0.0	0.0%
33.3%	57.2	57.1	-0.1	-0.2%
34.6%	57.1	57.1	0.0	0.0%
35.8%	57.1	57.0	-0.1	-0.2%
37.0%	57.0	56.9	-0.1	-0.2%
38.3%	56.9	56.9	0.0	0.0%
39.5%	56.9	56.9	0.0	0.0%
40.7%	56.9	56.9	0.0	0.0%
42.0%	56.9	56.8	-0.1	-0.2%
43.2%	56.8	56.8	0.0	0.0%
44.4%	56.8	56.8	0.0	0.0%
45.7%	56.8	56.7	-0.1	-0.2%
46.9%	56.7	56.7	0.0	0.0%
48.1%	56.6	56.6	0.0	0.0%
49.4%	56.6	56.6	0.0	0.0%
50.6%	56.6	56.5	-0.1	-0.2%
51.9%	56.5	56.4	-0.1	-0.2%
53.1%	56.4	56.4	0.0	0.0%
54.3%	56.4	56.3	-0.1	-0.2%
55.6%	56.3	56.3	0.0	0.0%
56.8%	56.3	56.3	0.0	0.0%
58.0%	56.3	56.2	-0.1	-0.2%
59.3%	56.3	56.2	-0.1	-0.2%
60.5%	56.2	56.1	-0.1	-0.2%
61.7%	56.1	56.0	-0.1	-0.2%
63.0%	55.9	56.0	0.1	0.2%
64.2%	55.9	55.9	0.0	0.0%
65.4%	55.8	55.8	0.0	0.0%
66.7%	55.8	55.8	0.0	0.0%
67.9%	55.7	55.7	0.0	0.0%
69.1%	55.7	55.7	0.0	0.0%
70.4%	55.6	55.7	0.1	0.2%
71.6%	55.6	55.6	0.0	0.0%
72.8%	55.6	55.6	0.0	0.0%
74.1%	55.5	55.5	0.0	0.0%
75.3%	55.4	55.4	0.0	0.0%
76.5%	55.2	55.2	0.0	0.0%
77.8%	55.0	55.0	0.0	0.0%
79.0%	54.9	54.9	0.0	0.0%
80.2%	54.9	54.9	0.0	0.0%
81.5%	54.9	54.9	0.0	0.0%
82.7%	54.8	54.8	0.0	0.0%
84.0%	54.7	54.7	0.0	0.0%
85.2%	54.5	54.5	0.0	0.0%
86.4%	54.5	54.5	0.0	0.0%
87.7%	54.5	54.5	0.0	0.0%
88.9%	54.4	54.4	0.0	0.0%
90.1%	54.0	54.0	0.0	0.0%
91.4%	53.5	53.5	0.0	0.0%
92.6%	53.2	53.2	0.0	0.0%
93.8%	52.7	52.7	0.0	0.0%
95.1%	52.5	52.5	0.0	0.0%
96.3%	52.1	52.1	0.0	0.0%
97.5%	52.0	52.0	0.0	0.0%
98.8%	51.7	51.7	0.0	0.0%
100.0%	51.7	51.7	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	69.9	69.8	-0.1	-0.1%
1.2%	67.7	67.7	0.0	0.0%
2.5%	66.7	66.7	0.0	0.0%
3.7%	66.0	66.3	0.3	0.5%
4.9%	65.8	65.2	-0.6	-0.9%
6.2%	65.4	65.2	-0.2	-0.3%
7.4%	65.4	64.8	-0.6	-0.9%
8.6%	65.3	64.8	-0.5	-0.8%
9.9%	65.2	64.7	-0.5	-0.8%
11.1%	64.8	64.6	-0.2	-0.3%
12.3%	64.8	64.6	-0.2	-0.3%
13.6%	64.7	64.1	-0.6	-0.9%
14.8%	64.6	64.0	-0.6	-0.9%
16.0%	64.0	63.9	-0.1	-0.2%
17.3%	63.9	63.8	-0.1	-0.2%
18.5%	63.8	63.8	0.0	0.0%
19.8%	63.8	63.8	0.0	0.0%
21.0%	63.7	63.7	0.0	0.0%
22.2%	63.5	63.5	0.0	0.0%
23.5%	63.5	63.5	0.0	0.0%
24.7%	63.5	63.5	0.0	0.0%
25.9%	63.5	63.3	-0.2	-0.3%
27.2%	63.3	63.3	0.0	0.0%
28.4%	63.3	63.2	-0.1	-0.2%
29.6%	63.3	63.1	-0.2	-0.3%
30.9%	63.2	63.1	-0.1	-0.2%
32.1%	63.1	63.0	-0.1	-0.2%
33.3%	63.1	62.9	-0.2	-0.3%
34.6%	62.9	62.8	-0.1	-0.2%
35.8%	62.8	62.8	0.0	0.0%
37.0%	62.8	62.8	0.0	0.0%
38.3%	62.8	62.7	-0.1	-0.2%
39.5%	62.8	62.7	-0.1	-0.2%
40.7%	62.7	62.6	-0.1	-0.2%
42.0%	62.7	62.6	-0.1	-0.2%
43.2%	62.7	62.5	-0.2	-0.3%
44.4%	62.6	62.5	-0.1	-0.2%
45.7%	62.6	62.4	-0.2	-0.3%
46.9%	62.5	62.4	-0.1	-0.2%
48.1%	62.4	62.2	-0.2	-0.3%
49.4%	62.4	62.2	-0.2	-0.3%
50.6%	62.2	62.1	-0.1	-0.2%
51.9%	62.2	62.0	-0.2	-0.3%
53.1%	62.1	61.9	-0.2	-0.3%
54.3%	62.0	61.9	-0.1	-0.2%
55.6%	62.0	61.9	-0.1	-0.2%
56.8%	61.9	61.8	-0.1	-0.2%
58.0%	61.9	61.8	-0.1	-0.2%
59.3%	61.8	61.5	-0.3	-0.5%
60.5%	61.7	61.4	-0.3	-0.5%
61.7%	61.6	61.2	-0.4	-0.6%
63.0%	61.5	61.1	-0.4	-0.7%
64.2%	61.4	61.1	-0.3	-0.5%
65.4%	61.1	61.0	-0.1	-0.2%
66.7%	61.1	60.9	-0.2	-0.3%
67.9%	61.0	60.8	-0.2	-0.3%
69.1%	60.8	60.8	0.0	0.0%
70.4%	60.8	60.8	0.0	0.0%
71.6%	60.8	60.7	-0.1	-0.2%
72.8%	60.7	60.4	-0.3	-0.5%
74.1%	60.2	60.2	0.0	0.0%
75.3%	60.1	60.1	0.0	0.0%
76.5%	60.1	60.1	0.0	0.0%
77.8%	60.0	60.0	0.0	0.0%
79.0%	60.0	60.0	0.0	0.0%
80.2%	59.8	59.8	0.0	0.0%
81.5%	59.6	59.6	0.0	0.0%
82.7%	59.6	59.6	0.0	0.0%
84.0%	59.5	59.5	0.0	0.0%
85.2%	59.5	59.5	0.0	0.0%
86.4%	59.2	59.2	0.0	0.0%
87.7%	59.0	59.0	0.0	0.0%
88.9%	59.0	59.0	0.0	0.0%
90.1%	59.0	59.0	0.0	0.0%
91.4%	58.9	58.9	0.0	0.0%
92.6%	58.6	58.6	0.0	0.0%
93.8%	57.9	57.9	0.0	0.0%
95.1%	57.7	57.7	0.0	0.0%
96.3%	57.5	57.5	0.0	0.0%
97.5%	57.1	57.1	0.0	0.0%
98.8%	55.8	55.8	0.0	0.0%
100.0%	55.8	55.8	0.0	0.0%

Table SQ-16-5b

Feather River below Thermalito Afterbay, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	71.6	71.6	0.0	0.0%
1.2%	70.8	71.5	0.7	1.0%
2.5%	70.3	70.5	0.2	0.3%
3.7%	70.0	70.2	0.2	0.3%
4.9%	69.9	69.8	-0.1	-0.1%
6.2%	69.8	69.7	-0.1	-0.1%
7.4%	69.5	69.7	0.2	0.3%
8.6%	69.5	69.6	0.1	0.1%
9.9%	69.3	69.6	0.3	0.4%
11.1%	69.3	69.3	0.0	0.0%
12.3%	69.3	69.3	0.0	0.0%
13.6%	69.1	69.3	0.2	0.3%
14.8%	69.1	69.3	0.2	0.3%
16.0%	69.0	69.2	0.2	0.3%
17.3%	69.0	69.1	0.1	0.1%
18.5%	69.0	69.0	0.0	0.0%
19.8%	69.0	69.0	0.0	0.0%
21.0%	68.9	68.8	-0.1	-0.1%
22.2%	68.8	68.7	-0.1	-0.1%
23.5%	68.7	68.6	-0.1	-0.1%
24.7%	68.7	68.6	-0.1	-0.1%
25.9%	68.5	68.5	0.0	0.0%
27.2%	68.3	68.4	0.1	0.1%
28.4%	68.2	68.3	0.1	0.1%
29.6%	68.1	68.3	0.2	0.3%
30.9%	68.1	68.2	0.1	0.1%
32.1%	68.1	68.2	0.1	0.1%
33.3%	68.1	68.1	0.0	0.0%
34.6%	68.0	68.1	0.1	0.1%
35.8%	68.0	68.0	0.0	0.0%
37.0%	68.0	68.0	0.0	0.0%
38.3%	67.9	68.0	0.1	0.1%
39.5%	67.8	67.9	0.1	0.1%
40.7%	67.7	67.8	0.1	0.1%
42.0%	67.6	67.6	0.0	0.0%
43.2%	67.6	67.6	0.0	0.0%
44.4%	67.5	67.5	0.0	0.0%
45.7%	67.5	67.5	0.0	0.0%
46.9%	67.4	67.4	0.0	0.0%
48.1%	67.3	67.4	0.1	0.1%
49.4%	67.3	67.4	0.1	0.1%
50.6%	67.2	67.3	0.1	0.1%
51.9%	67.1	67.2	0.1	0.1%
53.1%	67.1	67.2	0.1	0.1%
54.3%	67.1	67.2	0.1	0.1%
55.6%	67.0	67.2	0.2	0.3%
56.8%	66.9	67.1	0.2	0.3%
58.0%	66.8	67.0	0.2	0.3%
59.3%	66.8	66.9	0.1	0.1%
60.5%	66.8	66.9	0.1	0.1%
61.7%	66.6	66.7	0.1	0.2%
63.0%	66.4	66.7	0.3	0.5%
64.2%	66.3	66.7	0.4	0.6%
65.4%	66.3	66.7	0.4	0.6%
66.7%	66.3	66.4	0.1	0.2%
67.9%	66.2	66.3	0.1	0.2%
69.1%	66.0	66.3	0.3	0.5%
70.4%	65.8	66.3	0.5	0.8%
71.6%	65.8	66.2	0.4	0.6%
72.8%	65.8	66.2	0.4	0.6%
74.1%	65.8	65.9	0.1	0.2%
75.3%	65.7	65.8	0.1	0.2%
76.5%	65.5	65.8	0.3	0.5%
77.8%	65.4	65.7	0.3	0.5%
79.0%	65.4	65.4	0.0	0.0%
80.2%	65.3	65.2	-0.1	-0.2%
81.5%	65.1	65.1	0.0	0.0%
82.7%	65.0	65.0	0.0	0.0%
84.0%	65.0	65.0	0.0	0.0%
85.2%	64.8	64.8	0.0	0.0%
86.4%	64.6	64.6	0.0	0.0%
87.7%	64.6	64.6	0.0	0.0%
88.9%	64.4	64.6	0.2	0.3%
90.1%	64.0	64.4	0.4	0.6%
91.4%	63.6	64.2	0.6	0.9%
92.6%	63.4	63.6	0.2	0.3%
93.8%	63.2	63.4	0.2	0.3%
95.1%	61.9	61.9	0.0	0.0%
96.3%	61.7	61.7	0.0	0.0%
97.5%	61.0	61.0	0.0	0.0%
98.8%	60.0	60.0	0.0	0.0%
100.0%	60.0	60.0	0.0	0.0%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	74.3	74.0	-0.3	-0.4%
1.2%	74.2	73.9	-0.3	-0.4%
2.5%	74.0	73.3	-0.7	-0.9%
3.7%	73.3	73.3	0.0	0.0%
4.9%	73.0	72.6	-0.4	-0.5%
6.2%	72.6	72.6	0.0	0.0%
7.4%	72.3	72.4	0.1	0.1%
8.6%	72.2	72.2	0.0	0.0%
9.9%	71.7	71.7	0.0	0.0%
11.1%	71.0	71.4	0.4	0.6%
12.3%	70.8	70.8	0.0	0.0%
13.6%	70.7	70.4	-0.3	-0.4%
14.8%	69.8	70.0	0.2	0.3%
16.0%	69.8	69.9	0.1	0.1%
17.3%	69.6	69.6	0.0	0.0%
18.5%	69.6	69.6	0.0	0.0%
19.8%	69.2	69.5	0.3	0.4%
21.0%	69.2	69.5	0.3	0.4%
22.2%	69.2	69.5	0.3	0.4%
23.5%	69.1	69.3	0.2	0.3%
24.7%	69.1	69.2	0.1	0.1%
25.9%	69.1	69.2	0.1	0.1%
27.2%	69.1	69.2	0.1	0.1%
28.4%	69.1	69.2	0.1	0.1%
29.6%	69.1	69.1	0.0	0.0%
30.9%	69.1	69.1	0.0	0.0%
32.1%	69.1	69.1	0.0	0.0%
33.3%	69.0	69.0	0.0	0.0%
34.6%	69.0	68.9	-0.1	-0.1%
35.8%	68.9	68.9	0.0	0.0%
37.0%	68.8	68.9	0.1	0.1%
38.3%	68.7	68.8	0.1	0.1%
39.5%	68.7	68.8	0.1	0.1%
40.7%	68.7	68.7	0.0	0.0%
42.0%	68.6	68.7	0.1	0.1%
43.2%	68.6	68.7	0.1	0.1%
44.4%	68.5	68.7	0.2	0.3%
45.7%	68.5	68.6	0.1	0.1%
46.9%	68.5	68.6	0.1	0.1%
48.1%	68.4	68.6	0.2	0.3%
49.4%	68.4	68.5	0.1	0.1%
50.6%	68.3	68.5	0.2	0.3%
51.9%	68.3	68.5	0.2	0.3%
53.1%	68.3	68.5	0.2	0.3%
54.3%	68.3	68.5	0.2	0.3%
55.6%	68.2	68.4	0.2	0.3%
56.8%	68.1	68.4	0.3	0.4%
58.0%	68.0	68.4	0.4	0.6%
59.3%	68.0	68.3	0.3	0.4%
60.5%	68.0	68.2	0.2	0.3%
61.7%	67.9	68.2	0.3	0.4%
63.0%	67.9	68.1	0.2	0.3%
64.2%	67.8	68.0	0.2	0.3%
65.4%	67.8	67.9	0.1	0.1%
66.7%	67.8	67.8	0.0	0.0%
67.9%	67.7	67.7	0.0	0.0%
69.1%	67.7	67.6	-0.1	-0.1%
70.4%	67.6	67.6	0.0	0.0%
71.6%	67.6	67.6	0.0	0.0%
72.8%	67.6	67.6	0.0	0.0%
74.1%	67.5	67.6	0.1	0.1%
75.3%	67.5	67.6	0.1	0.1%
76.5%	67.3	67.5	0.2	0.3%
77.8%	67.3	67.5	0.2	0.3%
79.0%	67.2	67.4	0.2	0.3%
80.2%	67.2	67.3	0.1	0.1%
81.5%	67.1	67.2	0.1	0.1%
82.7%	67.0	67.2	0.2	0.3%
84.0%	66.9	67.2	0.3	0.4%
85.2%	66.9	67.1	0.2	0.3%
86.4%	66.8	66.9	0.1	0.1%
87.7%	66.8	66.9	0.1	0.1%
88.9%	66.7	66.8	0.1	0.1%
90.1%	66.7	66.7	0.0	0.0%
91.4%	66.5	66.5	0.0	0.0%
92.6%	66.4	66.5	0.1	0.2%
93.8%	66.4	66.4	0.0	0.0%
95.1%	66.4	66.4	0.0	0.0%
96.3%	66.4	66.4	0.0	0.0%
97.5%	66.4	66.3	-0.1	-0.2%
98.8%	66.3	66.2	-0.1	-0.2%
100.0%	66.3	66.2	-0.1	-0.2%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	76.1	76.0	-0.1	-0.1%
1.2%	74.8	75.3	0.5	0.7%
2.5%	73.6	73.7	0.1	0.1%
3.7%	73.4	73.5	0.1	0.1%
4.9%	73.4	73.3	-0.1	-0.1%
6.2%	73.2	72.2	-1.0	-1.4%
7.4%	71.9	72.0	0.1	0.1%
8.6%	71.2	71.6	0.4	0.6%
9.9%	71.2	71.5	0.3	0.4%
11.1%	71.0	71.2	0.2	0.3%
12.3%	70.6	71.1	0.5	0.7%
13.6%	70.5	71.1	0.6	0.9%
14.8%	70.5	71.1	0.6	0.9%
16.0%	70.5	71.0	0.5	0.7%
17.3%	70.3	70.9	0.6	0.9%
18.5%	70.3	70.8	0.5	0.7%
19.8%	70.1	70.8	0.7	1.0%
21.0%	70.1	70.7	0.6	0.9%
22.2%	70.1	70.5	0.4	0.6%
23.5%	70.1	70.4	0.3	0.4%
24.7%	70.0	70.2	0.2	0.3%
25.9%	69.9	70.1	0.2	0.3%
27.2%	69.8	70.0	0.2	0.3%
28.4%	69.8	70.0	0.2	0.3%
29.6%	69.7	70.0	0.3	0.4%
30.9%	69.6	69.9	0.3	0.4%
32.1%	69.6	69.7	0.1	0.1%
33.3%	69.4	69.6	0.2	0.3%
34.6%	69.4	69.5	0.1	0.1%
35.8%	69.3	69.5	0.2	0.3%
37.0%	69.3	69.2	-0.1	-0.1%
38.3%	69.2	69.2	0.0	0.0%
39.5%	69.0	69.1	0.1	0.1%
40.7%	68.9	68.9	0.0	0.0%
42.0%	68.7	68.7	0.0	0.0%
43.2%	68.7	68.7	0.0	0.0%
44.4%	68.7	68.6	-0.1	-0.1%
45.7%	68.6	68.5	-0.1	-0.1%
46.9%	68.5	68.4	-0.1	-0.1%
48.1%	68.5	68.3	-0.2	-0.3%
49.4%	68.4	68.2	-0.2	-0.3%
50.6%	68.4	68.2	-0.2	-0.3%
51.9%	68.4	67.9	-0.5	-0.7%
53.1%	68.3	67.7	-0.6	-0.9%
54.3%	68.3	67.7	-0.6	-0.9%
55.6%	68.2	67.7	-0.5	-0.7%
56.8%	68.2	67.6	-0.6	-0.9%
58.0%	67.7	67.5	-0.2	-0.3%
59.3%	67.7	67.4	-0.3	-0.4%
60.5%	67.7	67.4	-0.3	-0.4%
61.7%	67.6	67.2	-0.4	-0.6%
63.0%	67.5	67.2	-0.3	-0.4%
64.2%	67.5	67.1	-0.4	-0.6%
65.4%	67.4	67.1	-0.3	-0.4%
66.7%	67.3	67.0	-0.3	-0.4%
67.9%	67.3	67.0	-0.3	-0.4%
69.1%	67.2	67.0	-0.2	-0.3%
70.4%	67.2	66.9	-0.3	-0.4%
71.6%	67.2	66.8	-0.4	-0.6%
72.8%	67.2	66.7	-0.5	-0.7%
74.1%	67.0	66.7	-0.3	-0.4%
75.3%	66.9	66.7	-0.2	-0.3%
76.5%	66.8	66.6	-0.2	-0.3%
77.8%	66.7	66.6	-0.1	-0.1%
79.0%	66.6	66.5	-0.1	-0.2%
80.2%	66.6	66.5	-0.1	-0.2%
81.5%	66.5	66.5	0.0	0.0%
82.7%	66.5	66.5	0.0	0.0%
84.0%	66.4	66.3	-0.1	-0.2%
85.2%	66.3	66.1	-0.2	-0.3%
86.4%	66.3	66.0	-0.3	-0.5%
87.7%	66.2	66.0	-0.2	-0.3%
88.9%	66.0	66.0	0.0	0.0%
90.1%	66.0	65.9	-0.1	-0.2%
91.4%	65.9	65.8	-0.1	-0.2%
92.6%	65.9	65.7	-0.2	-0.3%
93.8%	65.7	65.7	0.0	0.0%
95.1%	65.7	65.7	0.0	0.0%
96.3%	65.6	65.6	0.0	0.0%
97.5%	65.5	65.4	-0.1	-0.2%
98.8%	65.4	65.2	-0.2	-0.3%
100.0%	65.4	65.2	-0.2	-0.3%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	69.0	67.7	-1.3	-1.9%
1.2%	67.9	66.9	-1.0	-1.5%
2.5%	67.3	66.9	-0.4	-0.6%
3.7%	66.8	66.5	-0.3	-0.4%
4.9%	66.4	66.4	0.0	0.0%
6.2%	66.4	66.1	-0.3	-0.5%
7.4%	66.0	66.1	0.1	0.2%
8.6%	65.8	65.5	-0.3	-0.5%
9.9%	65.8	65.5	-0.3	-0.5%
11.1%	65.7	65.4	-0.3	-0.5%
12.3%	65.5	65.2	-0.3	-0.5%
13.6%	65.5	65.2	-0.3	-0.5%
14.8%	65.4	65.1	-0.3	-0.5%
16.0%	65.4	64.9	-0.5	-0.8%
17.3%	65.3	64.9	-0.4	-0.6%
18.5%	65.3	64.9	-0.4	-0.6%
19.8%	65.2	64.9	-0.3	-0.5%
21.0%	65.0	64.9	-0.1	-0.2%
22.2%	64.9	64.9	0.0	0.0%
23.5%	64.8	64.9	0.1	0.2%
24.7%	64.6	64.8	0.2	0.3%
25.9%	64.6	64.7	0.1	0.2%
27.2%	64.5	64.7	0.2	0.3%
28.4%	64.4	64.6	0.2	0.3%
29.6%	64.3	64.6	0.3	0.5%
30.9%	64.0	64.4	0.4	0.6%
32.1%	64.0	64.4	0.4	0.6%
33.3%	63.6	64.4	0.8	1.3%
34.6%	63.6	64.3	0.7	1.1%
35.8%	63.4	64.1	0.7	1.1%
37.0%	63.3	63.8	0.5	0.8%
38.3%	63.3	63.7	0.4	0.6%
39.5%	63.2	63.7	0.5	0.8%
40.7%	63.2	63.7	0.5	0.8%
42.0%	63.2	63.6	0.4	0.6%
43.2%	63.2	63.5	0.3	0.5%
44.4%	63.2	63.2	0.0	0.0%
45.7%	62.9	63.2	0.3	0.5%
46.9%	62.9	62.4	-0.5	-0.8%
48.1%	62.8	62.4	-0.4	-0.6%
49.4%	62.8	62.3	-0.5	-0.8%
50.6%	62.7	62.2	-0.5	-0.8%
51.9%	62.4	62.1	-0.3	-0.5%
53.1%	62.4	61.9	-0.5	-0.8%
54.3%	62.3	61.9	-0.4	-0.6%
55.6%	62.3	61.8	-0.5	-0.8%
56.8%	62.2	61.8	-0.4	-0.6%
58.0%	62.1	61.8	-0.3	-0.5%
59.3%	62.0	61.8	-0.2	-0.3%
60.5%	62.0	61.7	-0.3	-0.5%
61.7%	61.7	61.7	0.0	0.0%
63.0%	61.6	61.7	0.1	0.2%
64.2%	61.4	61.6	0.2	0.3%
65.4%	61.3	61.5	0.2	0.3%
66.7%	61.2	61.5	0.3	0.5%
67.9%	61.2	61.4	0.2	0.3%
69.1%	61.2	61.3	0.1	0.2%
70.4%	61.2	61.3	0.1	0.2%
71.6%	61.0	61.2	0.2	0.3%
72.8%	61.0	61.1	0.1	0.2%
74.1%	60.9	61.1	0.2	0.3%
75.3%	60.8	60.9	0.1	0.2%
76.5%	60.8	60.8	0.0	0.0%
77.8%	60.7	60.7	0.0	0.0%
79.0%	60.7	60.6	-0.1	-0.2%
80.2%	60.5	60.5	0.0	0.0%
81.5%	60.4	60.4	0.0	0.0%
82.7%	60.3	60.4	0.1	0.2%
84.0%	60.2	60.2	0.0	0.0%
85.2%	60.2	60.2	0.0	0.0%
86.4%	60.2	60.2	0.0	0.0%
87.7%	60.0	60.1	0.1	0.2%
88.9%	59.8	60.0	0.2	0.3%
90.1%	59.7	60.0	0.3	0.5%
91.4%	59.5	59.2	-0.3	-0.5%
92.6%	59.1	59.1	0.0	0.0%
93.8%	59.0	59.0	0.0	0.0%
95.1%	58.8	58.8	0.0	0.0%
96.3%	58.7	58.7	0.0	0.0%
97.5%	58.6	58.6	0.0	0.0%
98.8%	57.8	57.8	0.0	0.0%
100.0%	57.8	57.8	0.0	0.0%

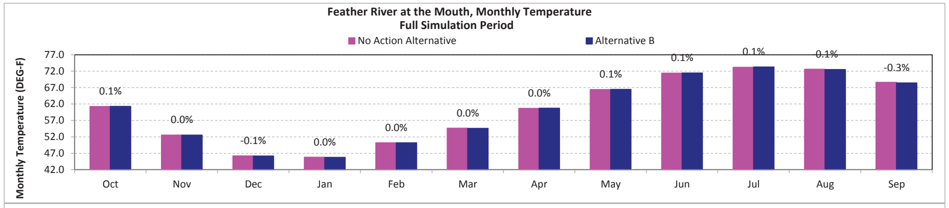
Table SQ-17-5a
Feather River at the Mouth, Monthly Temperature
Long-term Average and Average by Water Year Type

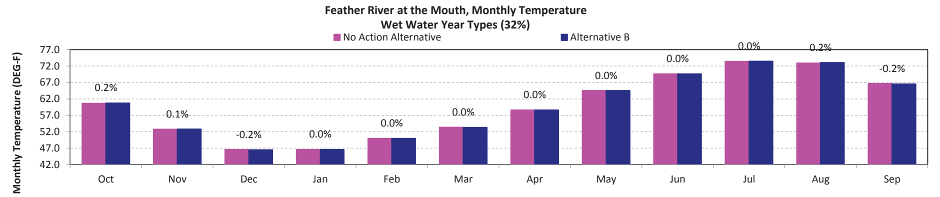
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	61.3	52.5	46.2	45.8	50.2	54.6	60.7	66.4	71.4	73.2	72.6	68.6
Alternative B	61.3	52.5	46.2	45.8	50.2	54.6	60.7	66.5	71.4	73.3	72.5	68.4
Difference	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	-0.2
Percent Difference[3]	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	-0.1%	-0.3%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	60.7	52.8	46.6	46.6	50.0	53.4	58.6	64.5	69.7	73.4	72.9	66.7
Alternative B	60.8	52.8	46.5	46.6	50.0	53.3	58.6	64.5	69.6	73.5	73.1	66.6
Difference	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1
Percent Difference	0.2%	0.1%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.2%
Above Normal (15%)												
No Action Alternative	60.5	51.4	46.0	46.0	50.2	54.4	60.5	66.4	71.4	72.1	71.0	66.8
Alternative B	60.5	51.5	45.9	46.0	50.1	54.4	60.5	66.4	71.3	72.1	71.1	66.6
Difference	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.2
Percent Difference	0.0%	0.0%	-0.3%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.1%	0.0%	-0.2%
Below Normal (17%)												
No Action Alternative	61.3	52.5	45.8	45.4	49.7	55.0	60.8	66.6	71.7	72.7	71.9	70.0
Alternative B	61.3	52.5	45.8	45.4	49.7	55.0	60.8	66.6	71.6	72.8	72.0	70.0
Difference	0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Percent Difference	0.1%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%
Dry (22%)												
No Action Alternative	61.6	52.7	46.3	44.8	50.2	55.4	62.0	67.7	72.9	72.8	72.1	70.2
Alternative B	61.6	52.8	46.2	44.8	50.2	55.4	62.0	67.9	73.1	72.9	71.7	69.9
Difference	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.1	-0.3	-0.3
Percent Difference	0.1%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.2%	0.3%	0.1%	-0.5%	-0.5%
Critical (15%)												
No Action Alternative	62.6	52.6	45.7	45.3	51.1	55.8	63.1	68.1	72.3	74.9	74.7	70.3
Alternative B	62.5	52.6	46.0	45.3	51.0	55.8	63.2	68.1	72.5	75.1	74.3	69.9
Difference	-0.1	0.0	0.2	0.0	0.0	0.0	0.1	0.1	0.2	0.1	-0.5	-0.4
Percent Difference	-0.2%	-0.1%	0.5%	0.0%	-0.1%	0.0%	0.1%	0.1%	0.3%	0.2%	-0.6%	-0.6%

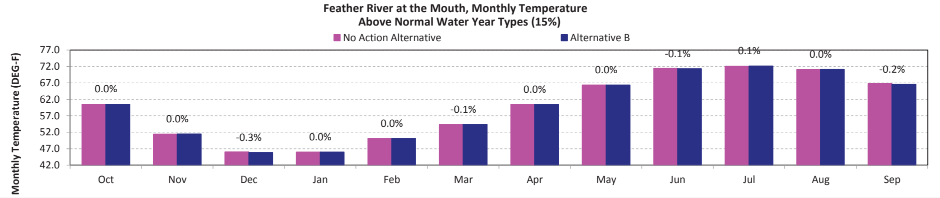
1 Based on the 82-year simulation period

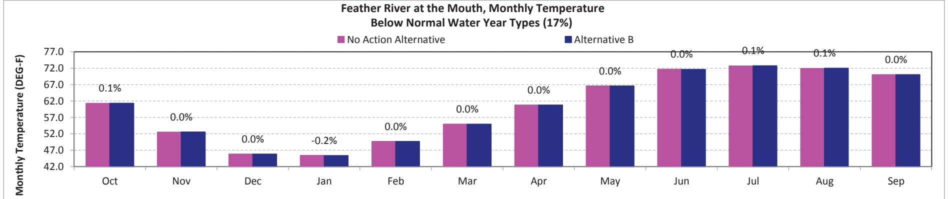
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

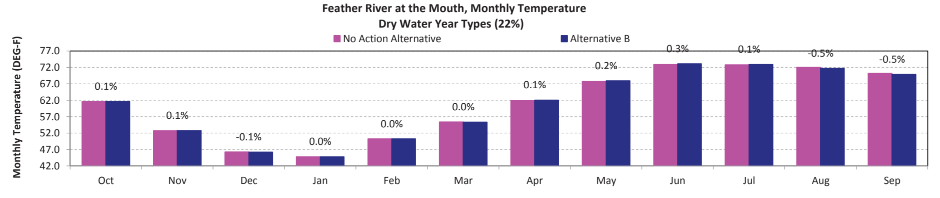
3 Relative difference of the monthly average


Feather River at the Mouth, Monthly Temperature
Full Simulation Period


Feather River at the Mouth, Monthly Temperature
Wet Water Year Types (32%)


Feather River at the Mouth, Monthly Temperature
Above Normal Water Year Types (15%)


Feather River at the Mouth, Monthly Temperature
Below Normal Water Year Types (17%)


Feather River at the Mouth, Monthly Temperature
Dry Water Year Types (22%)

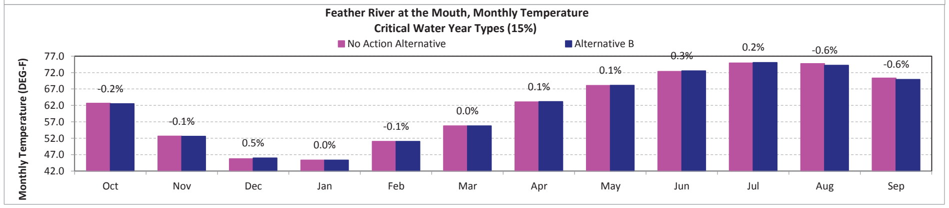

Feather River at the Mouth, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-17-5b
Feather River at the Mouth, Monthly Temperature
Probability of Exceedance

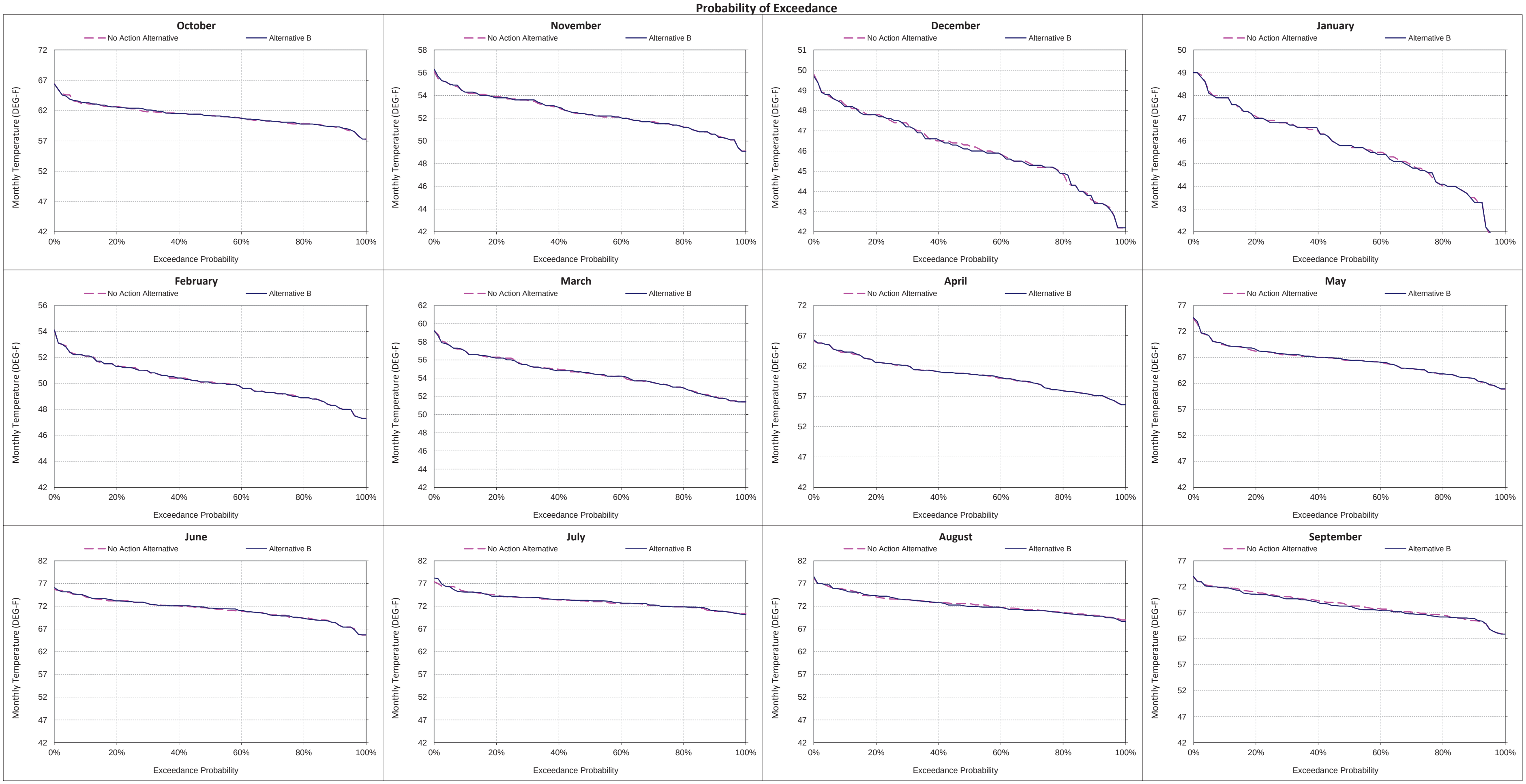


Table SQ-17-5b

Feather River at the Mouth, Monthly Temperature
Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.4	66.4	0.0	0.0%
1.2%	65.5	65.5	0.0	0.0%
2.5%	64.8	64.6	-0.2	-0.3%
3.7%	64.6	64.4	-0.2	-0.3%
4.9%	64.6	63.9	-0.7	-1.1%
6.2%	63.6	63.7	0.1	0.2%
7.4%	63.5	63.6	0.1	0.2%
8.6%	63.2	63.4	0.2	0.3%
9.9%	63.2	63.3	0.1	0.2%
11.1%	63.1	63.3	0.2	0.3%
12.3%	63.1	63.1	0.0	0.0%
13.6%	63.0	63.1	0.1	0.2%
14.8%	62.9	62.9	0.0	0.0%
16.0%	62.7	62.9	0.2	0.3%
17.3%	62.7	62.7	0.0	0.0%
18.5%	62.7	62.6	-0.1	-0.2%
19.8%	62.7	62.6	-0.1	-0.2%
21.0%	62.6	62.5	-0.1	-0.2%
22.2%	62.5	62.5	0.0	0.0%
23.5%	62.4	62.4	0.0	0.0%
24.7%	62.3	62.4	0.1	0.2%
25.9%	62.3	62.4	0.1	0.2%
27.2%	62.1	62.4	0.3	0.5%
28.4%	61.9	62.3	0.4	0.6%
29.6%	61.8	62.1	0.3	0.5%
30.9%	61.8	62.1	0.3	0.5%
32.1%	61.8	62.0	0.2	0.3%
33.3%	61.7	61.9	0.2	0.3%
34.6%	61.7	61.9	0.2	0.3%
35.8%	61.6	61.6	0.0	0.0%
37.0%	61.6	61.6	0.0	0.0%
38.3%	61.6	61.5	-0.1	-0.2%
39.5%	61.5	61.5	0.0	0.0%
40.7%	61.5	61.5	0.0	0.0%
42.0%	61.5	61.5	0.0	0.0%
43.2%	61.4	61.4	0.0	0.0%
44.4%	61.4	61.4	0.0	0.0%
45.7%	61.4	61.4	0.0	0.0%
46.9%	61.4	61.4	0.0	0.0%
48.1%	61.3	61.2	-0.1	-0.2%
49.4%	61.2	61.2	0.0	0.0%
50.6%	61.2	61.1	-0.1	-0.2%
51.9%	61.1	61.1	0.0	0.0%
53.1%	61.0	61.1	0.1	0.2%
54.3%	61.0	61.0	0.0	0.0%
55.6%	61.0	61.0	0.0	0.0%
56.8%	60.9	60.9	0.0	0.0%
58.0%	60.9	60.8	-0.1	-0.2%
59.3%	60.8	60.8	0.0	0.0%
60.5%	60.7	60.7	0.0	0.0%
61.7%	60.5	60.6	0.1	0.2%
63.0%	60.5	60.6	0.1	0.2%
64.2%	60.4	60.5	0.1	0.2%
65.4%	60.4	60.5	0.1	0.2%
66.7%	60.4	60.4	0.0	0.0%
67.9%	60.3	60.3	0.0	0.0%
69.1%	60.2	60.3	0.1	0.2%
70.4%	60.2	60.2	0.0	0.0%
71.6%	60.2	60.2	0.0	0.0%
72.8%	60.1	60.1	0.0	0.0%
74.1%	59.9	60.1	0.2	0.3%
75.3%	59.9	60.1	0.2	0.3%
76.5%	59.8	60.1	0.3	0.5%
77.8%	59.8	59.9	0.1	0.2%
79.0%	59.8	59.8	0.0	0.0%
80.2%	59.8	59.8	0.0	0.0%
81.5%	59.8	59.8	0.0	0.0%
82.7%	59.8	59.8	0.0	0.0%
84.0%	59.7	59.7	0.0	0.0%
85.2%	59.7	59.6	-0.1	-0.2%
86.4%	59.5	59.5	0.0	0.0%
87.7%	59.4	59.4	0.0	0.0%
88.9%	59.4	59.4	0.0	0.0%
90.1%	59.3	59.3	0.0	0.0%
91.4%	59.3	59.3	0.0	0.0%
92.6%	59.1	59.1	0.0	0.0%
93.8%	58.8	59.0	0.2	0.3%
95.1%	58.6	58.8	0.2	0.3%
96.3%	58.5	58.5	0.0	0.0%
97.5%	57.8	57.8	0.0	0.0%
98.8%	57.3	57.3	0.0	0.0%
100.0%	57.3	57.3	0.0	0.0%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.1	56.3	0.2	0.4%
1.2%	55.5	55.7	0.2	0.4%
2.5%	55.3	55.3	0.0	0.0%
3.7%	55.2	55.2	0.0	0.0%
4.9%	55.0	55.0	0.0	0.0%
6.2%	54.8	54.9	0.1	0.2%
7.4%	54.8	54.9	0.1	0.2%
8.6%	54.5	54.5	0.0	0.0%
9.9%	54.3	54.3	0.0	0.0%
11.1%	54.2	54.3	0.1	0.2%
12.3%	54.2	54.3	0.1	0.2%
13.6%	54.2	54.2	0.0	0.0%
14.8%	54.1	54.0	-0.1	-0.2%
16.0%	54.1	54.0	-0.1	-0.2%
17.3%	54.0	54.0	0.0	0.0%
18.5%	53.9	53.9	0.0	0.0%
19.8%	53.9	53.8	-0.1	-0.2%
21.0%	53.9	53.8	-0.1	-0.2%
22.2%	53.8	53.8	0.0	0.0%
23.5%	53.7	53.8	0.1	0.2%
24.7%	53.7	53.7	0.0	0.0%
25.9%	53.7	53.6	-0.1	-0.2%
27.2%	53.6	53.6	0.0	0.0%
28.4%	53.6	53.6	0.0	0.0%
29.6%	53.6	53.6	0.0	0.0%
30.9%	53.5	53.6	0.1	0.2%
32.1%	53.5	53.6	0.1	0.2%
33.3%	53.3	53.4	0.1	0.2%
34.6%	53.2	53.3	0.1	0.2%
35.8%	53.1	53.1	0.0	0.0%
37.0%	53.1	53.1	0.0	0.0%
38.3%	53.0	53.1	0.1	0.2%
39.5%	53.0	53.0	0.0	0.0%
40.7%	52.8	52.9	0.1	0.2%
42.0%	52.7	52.7	0.0	0.0%
43.2%	52.6	52.6	0.0	0.0%
44.4%	52.5	52.5	0.0	0.0%
45.7%	52.4	52.5	0.1	0.2%
46.9%	52.4	52.4	0.0	0.0%
48.1%	52.4	52.4	0.0	0.0%
49.4%	52.3	52.3	0.0	0.0%
50.6%	52.3	52.3	0.0	0.0%
51.9%	52.2	52.2	0.0	0.0%
53.1%	52.2	52.2	0.0	0.0%
54.3%	52.1	52.2	0.1	0.2%
55.6%	52.1	52.2	0.1	0.2%
56.8%	52.1	52.2	0.1	0.2%
58.0%	52.1	52.1	0.0	0.0%
59.3%	52.1	52.1	0.0	0.0%
60.5%	52.0	52.0	0.0	0.0%
61.7%	52.0	52.0	0.0	0.0%
63.0%	51.9	51.9	0.0	0.0%
64.2%	51.8	51.8	0.0	0.0%
65.4%	51.8	51.8	0.0	0.0%
66.7%	51.7	51.7	0.0	0.0%
67.9%	51.7	51.7	0.0	0.0%
69.1%	51.7	51.7	0.0	0.0%
70.4%	51.7	51.6	-0.1	-0.2%
71.6%	51.6	51.5	-0.1	-0.2%
72.8%	51.5	51.5	0.0	0.0%
74.1%	51.5	51.5	0.0	0.0%
75.3%	51.5	51.5	0.0	0.0%
76.5%	51.4	51.4	0.0	0.0%
77.8%	51.4	51.4	0.0	0.0%
79.0%	51.3	51.3	0.0	0.0%
80.2%	51.2	51.2	0.0	0.0%
81.5%	51.2	51.2	0.0	0.0%
82.7%	51.0	51.0	0.0	0.0%
84.0%	50.9	50.9	0.0	0.0%
85.2%	50.8	50.8	0.0	0.0%
86.4%	50.8	50.8	0.0	0.0%
87.7%	50.8	50.8	0.0	0.0%
88.9%	50.6	50.6	0.0	0.0%
90.1%	50.5	50.6	0.1	0.2%
91.4%	50.4	50.3	-0.1	-0.2%
92.6%	50.3	50.3	0.0	0.0%
93.8%	50.2	50.2	0.0	0.0%
95.1%	50.1	50.1	0.0	0.0%
96.3%	50.1	50.1	0.0	0.0%
97.5%	49.4	49.4	0.0	0.0%
98.8%	49.1	49.1	0.0	0.0%
100.0%	49.1	49.1	0.0	0.0%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	49.8	49.7	-0.1	-0.2%
1.2%	49.4	49.4	0.0	0.0%
2.5%	48.9	48.9	0.0	0.0%
3.7%	48.9	48.8	-0.1	-0.2%
4.9%	48.7	48.8	0.1	0.2%
6.2%	48.6	48.6	0.0	0.0%
7.4%	48.5	48.5	0.0	0.0%
8.6%	48.5	48.4	-0.1	-0.2%
9.9%	48.3	48.2	-0.1	-0.2%
11.1%	48.2	48.2	0.0	0.0%
12.3%	48.1	48.2	0.1	0.2%
13.6%	48.1	48.1	0.0	0.0%
14.8%	48.0	47.9	-0.1	-0.2%
16.0%	47.9	47.8	-0.1	-0.2%
17.3%	47.8	47.8	0.0	0.0%
18.5%	47.8	47.8	0.0	0.0%
19.8%	47.8	47.8	0.0	0.0%
21.0%	47.8	47.7	-0.1	-0.2%
22.2%	47.7	47.7	0.0	0.0%
23.5%	47.6	47.6	0.0	0.0%
24.7%	47.5	47.6	0.1	0.2%
25.9%	47.4	47.5	0.1	0.2%
27.2%	47.4	47.5	0.1	0.2%
28.4%	47.4	47.4	0.0	0.0%
29.6%	47.4	47.2	-0.2	-0.4%
30.9%	47.2	47.2	0.0	0.0%
32.1%	47.1	47.1	0.0	0.0%
33.3%	47.0	46.9	-0.1	-0.2%
34.6%	47.0	46.9	-0.1	-0.2%
35.8%	46.8	46.6	-0.2	-0.4%
37.0%	46.6	46.6	0.0	0.0%
38.3%	46.6	46.6	0.0	0.0%
39.5%	46.5	46.6	0.1	0.2%
40.7%	46.5	46.5	0.0	0.0%
42.0%	46.5	46.4	-0.1	-0.2%
43.2%	46.5	46.4	-0.1	-0.2%
44.4%	46.4	46.3	-0.1	-0.2%
45.7%	46.4	46.3	-0.1	-0.2%
46.9%	46.4	46.2	-0.2	-0.4%
48.1%	46.3	46.1	-0.2	-0.4%
49.4%	46.3	46.1	-0.2	-0.4%
50.6%	46.2	46.0	-0.2	-0.4%
51.9%	46.2	46.0	-0.2	-0.4%
53.1%	46.1	46.0	-0.1	-0.2%
54.3%	46.0	46.0	0.0	0.0%
55.6%	46.0	45.9	-0.1	-0.2%
56.8%	46.0	45.9	-0.1	-0.2%
58.0%	45.9	45.9	0.0	0.0%
59.3%	45.9	45.9	0.0	0.0%
60.5%	45.8	45.8	0.0	0.0%
61.7%	45.7	45.6	-0.1	-0.2%
63.0%	45.6	45.6	0.0	0.0%
64.2%	45.5	45.5	0.0	0.0%
65.4%	45.5	45.5	0.0	0.0%
66.7%	45.5	45.5	0.0	0.0%
67.9%	45.5	45.4	-0.1	-0.2%
69.1%	45.4	45.3	-0.1	-0.2%
70.4%	45.3	45.3	0.0	0.0%
71.6%	45.2	45.3	0.1	0.2%
72.8%	45.2	45.3	0.1	0.2%
74.1%	45.2	45.2	0.0	0.0%
75.3%	45.2	45.2	0.0	0.0%
76.5%	45.2	45.2	0.0	0.0%
77.8%	45.1	45.1	0.0	0.0%
79.0%	45.0	44.9	-0.1	-0.2%
80.2%	44.8	44.9	0.1	0.2%
81.5%	44.4	44.8	0.4	0.9%
82.7%	44.3	44.3	0.0	0.0%
84.0%	44.3	44.3	0.0	0.0%
85.2%	44.0	44.0	0.0	0.0%
86.4%	44.0	44.0	0.0	0.0%
87.7%	43.9	43.8	-0.1	-0.2%
88.9%	43.6	43.8	0.2	0.5%
90.1%	43.5	43.4	-0.1	-0.2%
91.4%	43.4	43.4	0.0	0.0%
92.6%	43.4	43.4	0.0	0.0%
93.8%	43.3	43.3	0.0	0.0%
95.1%	43.2	43.1	-0.1	-0.2%
96.3%	42.8	42.8	0.0	0.0%
97.5%	42.2	42.2	0.0	0.0%
98.8%	42.2	42.2	0.0	0.0%
100.0%	42.2	42.2	0.0	0.0%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	49.0	49.0	0.0	0.0%
1.2%	49.0	49.0	0.0	0.0%
2.5%	48.9	48.8	-0.1	-0.2%
3.7%	48.6	48.6	0.0	0.0%
4.9%	48.2	48.1	-0.1	-0.2%
6.2%	48.0	48.0	0.0	0.0%
7.4%	48.0	47.9	-0.1	-0.2%
8.6%	47.9	47.9	0.0	0.0%
9.9%	47.9	47.9	0.0	0.0%
11.1%	47.9	47.9	0.0	0.0%
12.3%	47.6	47.6	0.0	0.0%
13.6%	47.6	47.6	0.0	0.0%
14.8%	47.4	47.5	0.1	0.2%
16.0%	47.3	47.3	0.0	0.0%
17.3%	47.3	47.3	0.0	0.0%
18.5%	47.2	47.2	0.0	0.0%
19.8%	47.1	47.0	-0.1	-0.2%
21.0%	47.0	47.0	0.0	0.0%
22.2%	47.0	47.0	0.0	0.0%
23.5%	46.9	46.9	0.0	0.0%
24.7%	46.9	46.8	-0.1	-0.2%
25.9%	46.9	46.8	-0.1	-0.2%
27.2%	46.8	46.8	0.0	0.0%
28.4%	46.8	46.8	0.0	0.0%
29.6%	46.8	46.8	0.0	0.0%
30.9%	46.8	46.7	-0.1	-0.2%
32.1%	46.7	46.7	0.0	0.0%
33.3%	46.6	46.6	0.0	0.0%
34.6%	46.6	46.6	0.0	0.0%
35.8%	46.6	46.6	0.0	0.0%
37.0%	46.5	46.6	0.1	0.2%
38.3%	46.5	46.6	0.1	0.2%
39.5%	46.5	46.6	0.1	0.2%
40.7%	46.3	46.3	0.0	0.0%
42.0%	46.3	46.3	0.0	0.0%
43.2%	46.2	46.2	0.0	0.0%
44.4%	46.0	46.0	0.0	0.0%
45.7%	45.9	45.9	0.0	0.0%
46.9%	45.8	45.8	0.0	0.0%
48.1%	45.8	45.8	0.0	0.0%
49.4%	45.8	45.8	0.0	0.0%
50.6%	45.7	45.8	0.1	0.2%
51.9%	45.7	45.7	0.0	0.0%
53.1%	45.7	45.7	0.0	0.0%
54.3%	45.7	45.7	0.0	0.0%
55.6%	45.6	45.6	0.0	0.0%
56.8%	45.6	45.5	-0.1	-0.2%
58.0%	45.5	45.5	0.0	0.0%
59.3%	45.5	45.4	-0.1	-0.2%
60.5%	45.5	45.4	-0.1	-0.2%
61.7%	45.4	45.4	0.0	0.0%
63.0%	45.3	45.2	-0.1	-0.2%
64.2%	45.3	45.1	-0.2	-0.4%
65.4%	45.2	45.1	-0.1	-0.2%
66.7%	45.1	45.1	0.0	0.0%
67.9%	45.1	45.0	-0.1	-0.2%
69.1%	45.0	44.9	-0.1	-0.2%
70.4%	44.9	44.8	-0.1	-0.2%
71.6%	44.8	44.8	0.0	0.0%
72.8%	44.8	44.7	-0.1	-0.2%
74.1%	44.7	44.7	0.0	0.0%
75.3%	44.6	44.6	0.0	0.0%
76.5%	44.4	44.6	0.2	0.5%
77.8%	44.2	44.2	0.0	0.0%
79.0%	44.1	44.1	0.0	0.0%
80.2%	44.0	44.1	0.1	0.2%
81.5%	44.0	44.0	0.0	0.0%
82.7%	44.0	44.0	0.0	0.0%
84.0%	44.0	44.0	0.0	0.0%
85.2%	43.9	43.9	0.0	0.0%
86.4%	43.8	43.8	0.0	0.0%
87.7%	43.7	43.7	0.0	0.0%
88.9%	43.5	43.5	0.0	0.0%
90.1%	43.5	43.3	-0.2	-0.5%
91.4%	43.3	43.3	0.0	0.0%
92.6%	43.3	43.3	0.0	0.0%
93.8%	42.2	42.2	0.0	0.0%
95.1%	41.9	42.0	0.1	0.2%
96.3%	41.6	41.6	0.0	0.0%
97.5%	41.0	41.0	0.0	0.0%
98.8%	41.0	41.0	0.0	0.0%
100.0%	41.0	41.0	0.0	0.0%

Table SQ-17-5b

Feather River at the Mouth, Monthly Temperature

Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative B Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	54.1	54.1	0.0	0.0%
1.2%	53.1	53.1	0.0	0.0%
2.5%	53.0	53.0	0.0	0.0%
3.7%	52.9	52.8	-0.1	-0.2%
4.9%	52.4	52.4	0.0	0.0%
6.2%	52.3	52.2	-0.1	-0.2%
7.4%	52.2	52.2	0.0	0.0%
8.6%	52.2	52.2	0.0	0.0%
9.9%	52.1	52.1	0.0	0.0%
11.1%	52.1	52.1	0.0	0.0%
12.3%	52.1	52.0	-0.1	-0.2%
13.6%	51.7	51.7	0.0	0.0%
14.8%	51.6	51.7	0.1	0.2%
16.0%	51.5	51.5	0.0	0.0%
17.3%	51.5	51.5	0.0	0.0%
18.5%	51.5	51.5	0.0	0.0%
19.8%	51.4	51.3	-0.1	-0.2%
21.0%	51.3	51.3	0.0	0.0%
22.2%	51.3	51.2	-0.1	-0.2%
23.5%	51.2	51.2	0.0	0.0%
24.7%	51.2	51.2	0.0	0.0%
25.9%	51.2	51.1	-0.1	-0.2%
27.2%	51.0	51.0	0.0	0.0%
28.4%	51.0	51.0	0.0	0.0%
29.6%	51.0	51.0	0.0	0.0%
30.9%	50.8	50.8	0.0	0.0%
32.1%	50.8	50.8	0.0	0.0%
33.3%	50.7	50.7	0.0	0.0%
34.6%	50.6	50.6	0.0	0.0%
35.8%	50.6	50.6	0.0	0.0%
37.0%	50.4	50.5	0.1	0.2%
38.3%	50.4	50.5	0.1	0.2%
39.5%	50.4	50.4	0.0	0.0%
40.7%	50.4	50.4	0.0	0.0%
42.0%	50.4	50.3	-0.1	-0.2%
43.2%	50.3	50.3	0.0	0.0%
44.4%	50.2	50.2	0.0	0.0%
45.7%	50.2	50.2	0.0	0.0%
46.9%	50.1	50.1	0.0	0.0%
48.1%	50.1	50.1	0.0	0.0%
49.4%	50.1	50.1	0.0	0.0%
50.6%	50.1	50.0	-0.1	-0.2%
51.9%	50.0	50.0	0.0	0.0%
53.1%	50.0	50.0	0.0	0.0%
54.3%	50.0	50.0	0.0	0.0%
55.6%	50.0	49.9	-0.1	-0.2%
56.8%	49.9	49.9	0.0	0.0%
58.0%	49.9	49.9	0.0	0.0%
59.3%	49.8	49.8	0.0	0.0%
60.5%	49.6	49.6	0.0	0.0%
61.7%	49.6	49.6	0.0	0.0%
63.0%	49.6	49.6	0.0	0.0%
64.2%	49.4	49.4	0.0	0.0%
65.4%	49.4	49.4	0.0	0.0%
66.7%	49.4	49.4	0.0	0.0%
67.9%	49.3	49.3	0.0	0.0%
69.1%	49.3	49.3	0.0	0.0%
70.4%	49.3	49.3	0.0	0.0%
71.6%	49.2	49.2	0.0	0.0%
72.8%	49.2	49.2	0.0	0.0%
74.1%	49.1	49.2	0.1	0.2%
75.3%	49.1	49.1	0.0	0.0%
76.5%	49.1	49.0	-0.1	-0.2%
77.8%	49.0	49.0	0.0	0.0%
79.0%	48.9	48.9	0.0	0.0%
80.2%	48.9	48.9	0.0	0.0%
81.5%	48.9	48.9	0.0	0.0%
82.7%	48.8	48.8	0.0	0.0%
84.0%	48.8	48.8	0.0	0.0%
85.2%	48.7	48.7	0.0	0.0%
86.4%	48.5	48.6	0.1	0.2%
87.7%	48.4	48.4	0.0	0.0%
88.9%	48.3	48.3	0.0	0.0%
90.1%	48.3	48.3	0.0	0.0%
91.4%	48.1	48.1	0.0	0.0%
92.6%	48.0	48.0	0.0	0.0%
93.8%	48.0	48.0	0.0	0.0%
95.1%	48.0	48.0	0.0	0.0%
96.3%	47.5	47.5	0.0	0.0%
97.5%	47.4	47.4	0.0	0.0%
98.8%	47.3	47.3	0.0	0.0%
100.0%	47.3	47.3	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative B Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	59.2	59.2	0.0	0.0%
1.2%	58.8	58.7	-0.1	-0.2%
2.5%	58.1	57.9	-0.2	-0.3%
3.7%	57.9	57.8	-0.1	-0.2%
4.9%	57.6	57.6	0.0	0.0%
6.2%	57.3	57.3	0.0	0.0%
7.4%	57.2	57.3	0.1	0.2%
8.6%	57.2	57.2	0.0	0.0%
9.9%	57.1	57.0	-0.1	-0.2%
11.1%	56.6	56.6	0.0	0.0%
12.3%	56.6	56.6	0.0	0.0%
13.6%	56.6	56.6	0.0	0.0%
14.8%	56.5	56.5	0.0	0.0%
16.0%	56.4	56.5	0.1	0.2%
17.3%	56.3	56.4	0.1	0.2%
18.5%	56.3	56.3	0.0	0.0%
19.8%	56.3	56.2	-0.1	-0.2%
21.0%	56.3	56.2	-0.1	-0.2%
22.2%	56.2	56.2	0.0	0.0%
23.5%	56.2	56.0	-0.2	-0.4%
24.7%	56.2	56.0	-0.2	-0.4%
25.9%	56.0	55.9	-0.1	-0.2%
27.2%	55.7	55.6	-0.1	-0.2%
28.4%	55.5	55.5	0.0	0.0%
29.6%	55.5	55.5	0.0	0.0%
30.9%	55.3	55.3	0.0	0.0%
32.1%	55.2	55.2	0.0	0.0%
33.3%	55.2	55.2	0.0	0.0%
34.6%	55.2	55.1	-0.1	-0.2%
35.8%	55.1	55.1	0.0	0.0%
37.0%	55.1	55.0	-0.1	-0.2%
38.3%	55.0	54.9	-0.1	-0.2%
39.5%	55.0	54.8	-0.2	-0.4%
40.7%	54.9	54.8	-0.1	-0.2%
42.0%	54.9	54.8	-0.1	-0.2%
43.2%	54.7	54.8	0.1	0.2%
44.4%	54.7	54.8	0.1	0.2%
45.7%	54.7	54.7	0.0	0.0%
46.9%	54.6	54.7	0.1	0.2%
48.1%	54.6	54.6	0.0	0.0%
49.4%	54.5	54.6	0.1	0.2%
50.6%	54.5	54.5	0.0	0.0%
51.9%	54.4	54.4	0.0	0.0%
53.1%	54.4	54.4	0.0	0.0%
54.3%	54.3	54.4	0.1	0.2%
55.6%	54.2	54.2	0.0	0.0%
56.8%	54.2	54.2	0.0	0.0%
58.0%	54.2	54.2	0.0	0.0%
59.3%	54.2	54.2	0.0	0.0%
60.5%	54.2	54.2	0.0	0.0%
61.7%	53.9	54.1	0.2	0.4%
63.0%	53.8	53.9	0.1	0.2%
64.2%	53.7	53.7	0.0	0.0%
65.4%	53.7	53.7	0.0	0.0%
66.7%	53.7	53.7	0.0	0.0%
67.9%	53.6	53.7	0.1	0.2%
69.1%	53.6	53.6	0.0	0.0%
70.4%	53.5	53.5	0.0	0.0%
71.6%	53.4	53.4	0.0	0.0%
72.8%	53.4	53.3	-0.1	-0.2%
74.1%	53.3	53.3	0.0	0.0%
75.3%	53.2	53.2	0.0	0.0%
76.5%	53.0	53.0	0.0	0.0%
77.8%	53.0	53.0	0.0	0.0%
79.0%	53.0	53.0	0.0	0.0%
80.2%	52.9	52.9	0.0	0.0%
81.5%	52.7	52.7	0.0	0.0%
82.7%	52.6	52.6	0.0	0.0%
84.0%	52.5	52.4	-0.1	-0.2%
85.2%	52.3	52.3	0.0	0.0%
86.4%	52.2	52.2	0.0	0.0%
87.7%	52.2	52.1	-0.1	-0.2%
88.9%	52.0	52.0	0.0	0.0%
90.1%	52.0	51.9	-0.1	-0.2%
91.4%	51.8	51.8	0.0	0.0%
92.6%	51.8	51.8	0.0	0.0%
93.8%	51.6	51.7	0.1	0.2%
95.1%	51.5	51.5	0.0	0.0%
96.3%	51.5	51.5	0.0	0.0%
97.5%	51.5	51.4	-0.1	-0.2%
98.8%	51.4	51.4	0.0	0.0%
100.0%	51.4	51.4	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative B Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	66.1	66.3	0.2	0.3%
1.2%	65.8	65.8	0.0	0.0%
2.5%	65.8	65.8	0.0	0.0%
3.7%	65.6	65.6	0.0	0.0%
4.9%	65.5	65.5	0.0	0.0%
6.2%	64.8	64.8	0.0	0.0%
7.4%	64.6	64.6	0.0	0.0%
8.6%	64.3	64.6	0.3	0.5%
9.9%	64.3	64.3	0.0	0.0%
11.1%	64.3	64.3	0.0	0.0%
12.3%	64.0	64.3	0.3	0.5%
13.6%	63.9	64.0	0.1	0.2%
14.8%	63.8	63.8	0.0	0.0%
16.0%	63.3	63.3	0.0	0.0%
17.3%	63.2	63.2	0.0	0.0%
18.5%	63.1	63.1	0.0	0.0%
19.8%	62.6	62.6	0.0	0.0%
21.0%	62.6	62.6	0.0	0.0%
22.2%	62.5	62.5	0.0	0.0%
23.5%	62.4	62.4	0.0	0.0%
24.7%	62.4	62.4	0.0	0.0%
25.9%	62.2	62.2	0.0	0.0%
27.2%	62.1	62.2	0.1	0.2%
28.4%	62.1	62.1	0.0	0.0%
29.6%	62.1	62.1	0.0	0.0%
30.9%	61.9	61.9	0.0	0.0%
32.1%	61.4	61.4	0.0	0.0%
33.3%	61.4	61.4	0.0	0.0%
34.6%	61.3	61.3	0.0	0.0%
35.8%	61.3	61.3	0.0	0.0%
37.0%	61.3	61.3	0.0	0.0%
38.3%	61.2	61.2	0.0	0.0%
39.5%	61.1	61.1	0.0	0.0%
40.7%	61.0	61.0	0.0	0.0%
42.0%	60.9	60.9	0.0	0.0%
43.2%	60.9	60.9	0.0	0.0%
44.4%	60.9	60.9	0.0	0.0%
45.7%	60.8	60.8	0.0	0.0%
46.9%	60.8	60.8	0.0	0.0%
48.1%	60.8	60.8	0.0	0.0%
49.4%	60.7	60.7	0.0	0.0%
50.6%	60.6	60.6	0.0	0.0%
51.9%	60.6	60.6	0.0	0.0%
53.1%	60.5	60.5	0.0	0.0%
54.3%	60.5	60.5	0.0	0.0%
55.6%	60.4	60.4	0.0	0.0%
56.8%	60.3	60.4	0.1	0.2%
58.0%	60.2	60.3	0.1	0.2%
59.3%	60.0	60.2	0.2	0.3%
60.5%	60.0	60.0	0.0	0.0%
61.7%	59.9	59.9	0.0	0.0%
63.0%	59.9	59.9	0.0	0.0%
64.2%	59.7	59.8	0.1	0.2%
65.4%	59.5	59.6	0.1	0.2%
66.7%	59.5	59.5	0.0	0.0%
67.9%	59.5	59.5	0.0	0.0%
69.1%	59.3	59.4	0.1	0.2%
70.4%	59.2	59.2	0.0	0.0%
71.6%	59.1	59.1	0.0	0.0%
72.8%	58.9	58.9	0.0	0.0%
74.1%	58.4	58.4	0.0	0.0%
75.3%	58.3	58.3	0.0	0.0%
76.5%	58.1	58.1	0.0	0.0%
77.8%	58.1	58.1	0.0	0.0%
79.0%	58.0	58.0	0.0	0.0%
80.2%	57.9	57.9	0.0	0.0%
81.5%	57.8	57.8	0.0	0.0%
82.7%	57.8	57.8	0.0	0.0%
84.0%	57.7	57.7	0.0	0.0%
85.2%	57.6	57.6	0.0	0.0%
86.4%	57.5	57.5	0.0	0.0%
87.7%	57.4	57.4	0.0	0.0%
88.9%	57.3	57.3	0.0	0.0%
90.1%	57.1	57.1	0.0	0.0%
91.4%	57.1	57.1	0.0	0.0%
92.6%	57.1	57.1	0.0	0.0%
93.8%	56.8	56.8	0.0	0.0%
95.1%	56.5	56.5	0.0	0.0%
96.3%	56.3	56.3	0.0	0.0%
97.5%	55.9	55.9	0.0	0.0%
98.8%	55.6	55.6	0.0	0.0%
100.0%	55.6	55.6	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative B Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	74.4	74.6	0.2	0.3%
1.2%	73.5	73.9	0.4	0.5%
2.5%	71.7	71.7	0.0	0.0%
3.7%	71.4	71.5	0.1	0.1%
4.9%	71.2	71.2	0.0	0.0%
6.2%	70.1	70.1	0.0	0.0%
7.4%	69.9	69.9	0.0	0.0%
8.6%	69.5	69.8	0.3	0.4%
9.9%	69.4	69.5	0.1	0.1%
11.1%	69.2	69.2	0.0	0.0%
12.3%	69.1	69.1	0.0	0.0%
13.6%	69.1	69.1	0.0	0.0%
14.8%	69.0	69.1	0.1	0.1%
16.0%	68.9	68.9	0.0	0.0%
17.3%	68.6	68.8	0.2	0.3%
18.5%	68.4	68.8	0.4	0.6%
19.8%	68.2	68.6	0.4	0.6%
21.0%	68.2	68.2	0.0	0.0%
22.2%	68.1	68.1	0.0	0.0%
23.5%	68.1	68.1	0.0	0.0%
24.7%	67.9	68.0	0.1	0.1%
25.9%	67.7	67.9	0.2	0.3%
27.2%	67.7	67.7	0.0	0.0%
28.4%	67.5	67.7	0.2	0.3%
29.6%	67.5	67.6	0.1	0.1%
30.9%	67.5	67.5	0.0	0.0%
32.1%	67.4	67.5	0.1	0.1%
33.3%	67.4	67.5	0.1	0.1%
34.6%	67.2	67.4	0.2	0.3%
35.8%	67.2	67.2	0.0	0.0%
37.0%	67.2	67.2	0.0	0.0%
38.3%	67.1	67.1	0.0	0.0%
39.5%	67.0	67.0	0.0	0.0%
40.7%	67.0	67.0	0.0	0.0%
42.0%	67.0	67.0	0.0	0.0%
43.2%	66.9	66.9	0.0	0.0%
44.4%	66.9	66.9	0.0	0.0%
45.7%	66.8	66.8	0.0	0.0%
46.9%	66.6	66.8	0.2	0.3%
48.1%	66.5	66.6	0.1	0.2%
49.4%	66.4	66.5	0.1	0.2%
50.6%	66.4	66.4	0.0	0.0%
51.9%	66.4	66.4	0.0	0.0%
53.1%	66.4	66.4	0.0	0.0%
54.3%	66.4	66.3	-0.1	-0.2%
55.6%	66.3	66.2	-0.1	-0.2%
56.8%	66.2	66.2	0.0	0.0%
58.0%	66.2	66.1	-0.1	-0.2%
59.3%	66.1	66.1	0.0	0.0%
60.5%	66.0	66.0	0.0	0.0%
61.7%	65.8	66.0	0.2	0.3%
63.0%	65.7	65.7	0.0	0.0%
64.2%	65.6	65.6	0.0	0.0%
65.4%	65.3	65.3	0.0	0.0%
66.7%	64.9	64.9	0.0	0.0%
67.9%	64.9	64.9	0.0	0.0%
69.1%	64.8	64.8	0.0	0.0%
70.4%	64.8	64.8	0.0	0.0%
71.6%	64.7	64.7	0.0	0.0%
72.8%	64.6	64.6	0.0	0.0%
74.1%	64.6	64.6	0.0	0.0%
75.3%	64.1	64.1	0.0	0.0%
76.5%	64.0	64.0	0.0	0.0%
77.8%	64.0	64.0	0.0	0.0%
79.0%	63.8	63.8	0.0	0.0%
80.2%	63.8	63.8	0.0	0.0%
81.5%	63.7	63.7	0.0	0.0%
82.7%	63.7	63.7	0.0	0.0%
84.0%	63.5	63.5	0.0	0.0%
85.2%	63.2	63.2	0.0	0.0%
86.4%	63.1	63.1	0.0	0.0%
87.7%	63.1	63.1	0.0	0.0%
88.9%	63.0	63.0	0.0	0.0%
90.1%	62.9	62.9	0.0	0.0%
91.4%	62.4	62.4	0.0	0.0%
92.6%	62.2	62.3	0.1	0.2%
93.8%	62.1	62.1	0.0	0.0%
95.1%	61.7	61.7	0.0	0.0%
96.3%	61.6	61.6	0.0	0.0%
97.5%	61.2	61.2	0.0	0.0%
98.8%	60.9	60.9	0.0	0.0%
100.0%	60.9	60.9	0.0	0.0%

Table SQ-17-5b

Feather River at the Mouth, Monthly Temperature
Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	75.7	76.1	0.4	0.5%
1.2%	75.5	75.5	0.0	0.0%
2.5%	75.5	75.2	-0.3	-0.4%
3.7%	75.1	75.2	0.1	0.1%
4.9%	75.0	75.2	0.2	0.3%
6.2%	74.6	74.7	0.1	0.1%
7.4%	74.6	74.6	0.0	0.0%
8.6%	74.6	74.6	0.0	0.0%
9.9%	74.1	74.3	0.2	0.3%
11.1%	73.8	74.0	0.2	0.3%
12.3%	73.7	73.7	0.0	0.0%
13.6%	73.6	73.7	0.1	0.1%
14.8%	73.5	73.7	0.2	0.3%
16.0%	73.4	73.7	0.3	0.4%
17.3%	73.2	73.5	0.3	0.4%
18.5%	73.2	73.4	0.2	0.3%
19.8%	73.2	73.2	0.0	0.0%
21.0%	73.2	73.2	0.0	0.0%
22.2%	73.2	73.1	-0.1	-0.1%
23.5%	73.2	73.0	-0.2	-0.3%
24.7%	72.9	73.0	0.1	0.1%
25.9%	72.9	72.9	0.0	0.0%
27.2%	72.8	72.9	0.1	0.1%
28.4%	72.8	72.9	0.1	0.1%
29.6%	72.7	72.7	0.0	0.0%
30.9%	72.4	72.4	0.0	0.0%
32.1%	72.3	72.4	0.1	0.1%
33.3%	72.3	72.2	-0.1	-0.1%
34.6%	72.2	72.2	0.0	0.0%
35.8%	72.2	72.2	0.0	0.0%
37.0%	72.1	72.1	0.0	0.0%
38.3%	72.1	72.1	0.0	0.0%
39.5%	72.1	72.1	0.0	0.0%
40.7%	72.0	72.1	0.1	0.1%
42.0%	72.0	72.1	0.1	0.1%
43.2%	71.9	72.1	0.2	0.3%
44.4%	71.9	72.0	0.1	0.1%
45.7%	71.7	71.9	0.2	0.3%
46.9%	71.7	71.9	0.2	0.3%
48.1%	71.7	71.8	0.1	0.1%
49.4%	71.6	71.6	0.0	0.0%
50.6%	71.5	71.6	0.1	0.1%
51.9%	71.4	71.5	0.1	0.1%
53.1%	71.3	71.5	0.2	0.3%
54.3%	71.3	71.5	0.2	0.3%
55.6%	71.1	71.4	0.3	0.4%
56.8%	71.1	71.4	0.3	0.4%
58.0%	71.0	71.4	0.4	0.6%
59.3%	71.0	71.1	0.1	0.1%
60.5%	70.9	71.1	0.2	0.3%
61.7%	70.8	70.8	0.0	0.0%
63.0%	70.8	70.8	0.0	0.0%
64.2%	70.7	70.7	0.0	0.0%
65.4%	70.6	70.6	0.0	0.0%
66.7%	70.6	70.5	-0.1	-0.1%
67.9%	70.3	70.4	0.1	0.1%
69.1%	70.1	70.1	0.0	0.0%
70.4%	70.1	70.0	-0.1	-0.1%
71.6%	70.1	70.0	-0.1	-0.1%
72.8%	70.0	69.9	-0.1	-0.1%
74.1%	70.0	69.9	-0.1	-0.1%
75.3%	69.6	69.9	0.3	0.4%
76.5%	69.6	69.6	0.0	0.0%
77.8%	69.5	69.6	0.1	0.1%
79.0%	69.5	69.5	0.0	0.0%
80.2%	69.4	69.3	-0.1	-0.1%
81.5%	69.4	69.2	-0.2	-0.3%
82.7%	69.2	69.0	-0.2	-0.3%
84.0%	69.0	69.0	0.0	0.0%
85.2%	69.0	68.9	-0.1	-0.1%
86.4%	69.0	68.9	-0.1	-0.1%
87.7%	68.9	68.8	-0.1	-0.1%
88.9%	68.5	68.5	0.0	0.0%
90.1%	68.4	68.4	0.0	0.0%
91.4%	67.8	67.8	0.0	0.0%
92.6%	67.4	67.4	0.0	0.0%
93.8%	67.4	67.4	0.0	0.0%
95.1%	67.4	67.4	0.0	0.0%
96.3%	67.0	66.8	-0.2	-0.3%
97.5%	65.8	65.8	0.0	0.0%
98.8%	65.7	65.7	0.0	0.0%
100.0%	65.7	65.7	0.0	0.0%

July				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	77.4	78.2	0.8	1.0%
1.2%	77.0	78.1	1.1	1.4%
2.5%	76.4	76.9	0.5	0.7%
3.7%	76.4	76.4	0.0	0.0%
4.9%	76.3	76.3	0.0	0.0%
6.2%	76.3	75.7	-0.6	-0.8%
7.4%	76.1	75.3	-0.8	-1.1%
8.6%	75.5	75.2	-0.3	-0.4%
9.9%	75.3	75.1	-0.2	-0.3%
11.1%	75.1	75.1	0.0	0.0%
12.3%	75.1	75.1	0.0	0.0%
13.6%	75.0	75.0	0.0	0.0%
14.8%	74.8	75.0	0.2	0.3%
16.0%	74.8	74.7	-0.1	-0.1%
17.3%	74.6	74.6	0.0	0.0%
18.5%	74.6	74.2	-0.4	-0.5%
19.8%	74.5	74.2	-0.3	-0.4%
21.0%	74.3	74.2	-0.1	-0.1%
22.2%	74.1	74.2	0.1	0.1%
23.5%	74.1	74.1	0.0	0.0%
24.7%	74.1	74.1	0.0	0.0%
25.9%	74.0	74.1	0.1	0.1%
27.2%	74.0	74.0	0.0	0.0%
28.4%	73.9	74.0	0.1	0.1%
29.6%	73.9	74.0	0.1	0.1%
30.9%	73.9	74.0	0.1	0.1%
32.1%	73.9	73.9	0.0	0.0%
33.3%	73.9	73.9	0.0	0.0%
34.6%	73.6	73.8	0.2	0.3%
35.8%	73.6	73.7	0.1	0.1%
37.0%	73.5	73.6	0.1	0.1%
38.3%	73.5	73.5	0.0	0.0%
39.5%	73.4	73.5	0.1	0.1%
40.7%	73.4	73.5	0.1	0.1%
42.0%	73.4	73.4	0.0	0.0%
43.2%	73.3	73.4	0.1	0.1%
44.4%	73.3	73.3	0.0	0.0%
45.7%	73.3	73.3	0.0	0.0%
46.9%	73.2	73.3	0.1	0.1%
48.1%	73.2	73.3	0.1	0.1%
49.4%	73.1	73.3	0.2	0.3%
50.6%	73.0	73.2	0.2	0.3%
51.9%	73.0	73.2	0.2	0.3%
53.1%	73.0	73.2	0.2	0.3%
54.3%	73.0	73.2	0.2	0.3%
55.6%	72.8	73.1	0.3	0.4%
56.8%	72.7	73.0	0.3	0.4%
58.0%	72.7	72.8	0.1	0.1%
59.3%	72.6	72.8	0.2	0.3%
60.5%	72.6	72.7	0.1	0.1%
61.7%	72.6	72.7	0.1	0.1%
63.0%	72.6	72.7	0.1	0.1%
64.2%	72.6	72.6	0.0	0.0%
65.4%	72.6	72.6	0.0	0.0%
66.7%	72.5	72.6	0.1	0.1%
67.9%	72.3	72.6	0.3	0.4%
69.1%	72.2	72.3	0.1	0.1%
70.4%	72.2	72.3	0.1	0.1%
71.6%	72.1	72.2	0.1	0.1%
72.8%	72.0	72.0	0.0	0.0%
74.1%	72.0	72.0	0.0	0.0%
75.3%	71.9	72.0	0.1	0.1%
76.5%	71.9	71.9	0.0	0.0%
77.8%	71.9	71.9	0.0	0.0%
79.0%	71.9	71.9	0.0	0.0%
80.2%	71.9	71.9	0.0	0.0%
81.5%	71.8	71.8	0.0	0.0%
82.7%	71.7	71.8	0.1	0.1%
84.0%	71.7	71.8	0.1	0.1%
85.2%	71.6	71.7	0.1	0.1%
86.4%	71.5	71.7	0.2	0.3%
87.7%	71.1	71.5	0.4	0.6%
88.9%	71.0	71.1	0.1	0.1%
90.1%	70.9	71.1	0.2	0.3%
91.4%	70.9	70.9	0.0	0.0%
92.6%	70.9	70.9	0.0	0.0%
93.8%	70.7	70.8	0.1	0.1%
95.1%	70.7	70.7	0.0	0.0%
96.3%	70.5	70.5	0.0	0.0%
97.5%	70.5	70.4	-0.1	-0.1%
98.8%	70.4	70.2	-0.2	-0.3%
100.0%	70.4	70.2	-0.2	-0.3%

August				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	78.2	78.5	0.3	0.4%
1.2%	77.0	77.0	0.0	0.0%
2.5%	77.0	77.0	0.0	0.0%
3.7%	76.7	76.7	0.0	0.0%
4.9%	76.3	76.7	0.4	0.5%
6.2%	76.0	75.9	-0.1	-0.1%
7.4%	75.9	75.9	0.0	0.0%
8.6%	75.9	75.7	-0.2	-0.3%
9.9%	75.7	75.5	-0.2	-0.3%
11.1%	75.7	75.2	-0.5	-0.7%
12.3%	75.4	75.1	-0.3	-0.4%
13.6%	75.2	75.1	-0.1	-0.1%
14.8%	74.4	75.0	0.6	0.8%
16.0%	74.4	74.6	0.2	0.3%
17.3%	74.3	74.5	0.2	0.3%
18.5%	74.3	74.4	0.1	0.1%
19.8%	74.1	74.4	0.3	0.4%
21.0%	73.9	74.2	0.3	0.4%
22.2%	73.8	74.2	0.4	0.5%
23.5%	73.7	74.2	0.5	0.7%
24.7%	73.6	74.0	0.4	0.5%
25.9%	73.6	73.8	0.2	0.3%
27.2%	73.5	73.6	0.1	0.1%
28.4%	73.5	73.5	0.0	0.0%
29.6%	73.5	73.4	-0.1	-0.1%
30.9%	73.4	73.4	0.0	0.0%
32.1%	73.3	73.3	0.0	0.0%
33.3%	73.2	73.3	0.1	0.1%
34.6%	73.2	73.1	-0.1	-0.1%
35.8%	73.1	73.0	-0.1	-0.1%
37.0%	72.9	73.0	0.1	0.1%
38.3%	72.9	72.9	0.0	0.0%
39.5%	72.8	72.8	0.0	0.0%
40.7%	72.8	72.8	0.0	0.0%
42.0%	72.8	72.6	-0.2	-0.3%
43.2%	72.7	72.3	-0.4	-0.6%
44.4%	72.6	72.3	-0.3	-0.4%
45.7%	72.6	72.3	-0.3	-0.4%
46.9%	72.6	72.3	-0.3	-0.4%
48.1%	72.6	72.1	-0.5	-0.7%
49.4%	72.6	72.0	-0.6	-0.8%
50.6%	72.5	72.0	-0.5	-0.7%
51.9%	72.3	72.0	-0.3	-0.4%
53.1%	72.3	71.9	-0.4	-0.6%
54.3%	72.3	71.8	-0.5	-0.7%
55.6%	72.2	71.8	-0.4	-0.6%
56.8%	71.9	71.8	-0.1	-0.1%
58.0%	71.9	71.8	-0.1	-0.1%
59.3%	71.8	71.8	0.0	0.0%
60.5%	71.7	71.7	0.0	0.0%
61.7%	71.6	71.5	-0.1	-0.1%
63.0%	71.6	71.3	-0.3	-0.4%
64.2%	71.6	71.3	-0.3	-0.4%
65.4%	71.5	71.3	-0.2	-0.3%
66.7%	71.3	71.3	0.0	0.0%
67.9%	71.3	71.1	-0.2	-0.3%
69.1%	71.3	71.1	-0.2	-0.3%
70.4%	71.2	71.1	-0.1	-0.1%
71.6%	71.2	71.0	-0.2	-0.3%
72.8%	71.1	71.0	-0.1	-0.1%
74.1%	71.0	71.0	0.0	0.0%
75.3%	71.0	70.9	-0.1	-0.1%
76.5%	70.8	70.8	0.0	0.0%
77.8%	70.8	70.7	-0.1	-0.1%
79.0%	70.7	70.6	-0.1	-0.1%
80.2%	70.7	70.5	-0.2	-0.3%
81.5%	70.5	70.4	-0.1	-0.1%
82.7%	70.5	70.3	-0.2	-0.3%
84.0%	70.3	70.2	-0.1	-0.1%
85.2%	70.3	70.1	-0.2	-0.3%
86.4%	70.3	70.1	-0.2	-0.3%
87.7%	70.1	70.0	-0.1	-0.1%
88.9%	70.0	70.0	0.0	0.0%
90.1%	70.0	69.8	-0.2	-0.3%
91.4%	69.9	69.8	-0.1	-0.1%
92.6%	69.8	69.8	0.0	0.0%
93.8%	69.6	69.5	-0.1	-0.1%
95.1%	69.6	69.5	-0.1	-0.1%
96.3%	69.5	69.4	-0.1	-0.1%
97.5%	69.3	69.1	-0.2	-0.3%
98.8%	69.0	68.7	-0.3	-0.4%
100.0%	69.0	68.7	-0.3	-0.4%

September				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.9	74.0	0.1	0.1%
1.2%	73.1	73.0	-0.1	-0.1%
2.5%	72.9	73.0	0.1	0.1%
3.7%	72.4	72.2	-0.2	-0.3%
4.9%	72.2	72.1	-0.1	-0.1%
6.2%	72.1	72.0	-0.1	-0.1%
7.4%	71.9	72.0	0.1	0.1%
8.6%	71.9	71.9	0.0	0.0%
9.9%	71.9	71.8	-0.1	-0.1%
11.1%	71.9	71.8	-0.1	-0.1%
12.3%	71.7	71.6	-0.1	-0.1%
13.6%	71.7	71.4	-0.3	-0.4%
14.8%	71.5	71.3	-0.2	-0.3%
16.0%	71.3	70.8	-0.5	-0.7%
17.3%	71.2	70.7	-0.5	-0.7%
18.5%	71.1	70.6	-0.5	-0.7%
19.8%	71.0	70.6	-0.4	-0.6%
21.0%	70.8	70.5	-0.3	-0.4%
22.2%	70.8	70.5	-0.3	-0.4%
23.5%	70.6	70.5	-0.1	-0.1%
24.7%	70.5	70.3	-0.2	-0.3%
25.9%	70.4	70.2	-0.2	-0.3%
27.2%	70.2	70.2	0.0	0.0%
28.4%	70.2	69.9	-0.3	-0.4%
29.6%	70.1	69.7	-0.4	-0.6%
30.9%	70.1	69.7	-0.4	-0.6%
32.1%	69.9	69.7	-0.2	-0.3%
33.3%	69.8	69.7	-0.1	-0.1%
34.6%	69.7	69.5	-0.2	-0.3%
35.8%	69.6	69.5	-0.1	-0.1%
37.0%	69.6	69.4	-0.2	-0.3%
38.3%	69.5	69.2	-0.3	-0.4%
39.5%	69.4	69.1	-0.3	-0.4%
40.7%	69.2	68.8	-0.4	-0.6%
42.0%	69.1	68.8	-0.3	-0.4%
43.2%	69.0	68.7	-0.3	-0.4%
44.4%	69.0	68.4	-0.6	-0.9%
45.7%	68.9	68.4	-0.5	-0.7%
46.9%	68.9	68.3	-0.6	-0.9%
48.1%	68.8	68.3	-0.5	-0.7%
49.4%	68.4	68.3	-0.1	-0.1%
50.6%	68.3	68.2	-0.1	-0.1%
51.9%	68.3	67.9	-0.4	-0.6%
53.1%	68.3	67.7	-0.6	-0.9%
54.3%	68.2	67.6	-0.6	-0.9%
55.6%	68.0	67.6	-0.4	-0.6%
56.8%	67.9	67.6	-0.3	-0.4%
58.0%	67.8	67.6	-0.2	-0.3%
59.3%	67.8	67.5	-0.3	-0.4%
60.5%	67.7	67.4	-0.3	-0.4%
61.7%	67.7	67.4	-0.3	-0.4%
63.0%	67.7	67.4	-0.3	-0.4%
64.2%	67.2	67.2	0.0	0.0%
65.4%	67.2	67.2	0.0	0.0%
66.7%	67.2	67.2	0.0	0.0%
67.9%	67.2	66.9	-0.3	-0.4%
69.1%	67.2	66.8	-0.4	-0.6%
70.4%	67.1	66.8	-0.3	-0.4%
71.6%	67.1	66.7	-0.4	-0.6%
72.8%	66.9	66.7	-0.2	-0.3%
74.1%	66.9	66.7	-0.2	-0.3%
75.3%	66.7	66.5	-0.2	-0.3%
76.5%	66.7	66.4	-0.3	-0.4%
77.8%	66.7	66.3	-0.4	-0.6%
79.0%	66.6	66.2	-0.4	-0.6%
80.2%	66.5	66.2	-0.3	-0.5%
81.5%	66.4	66.2	-0.2	-0.3%
82.7%	66.1	66.1	0.0	0.0%
84.0%	66.0	66.1	0.1	0.2%
85.2%	66.0	66.0	0.0	0.0%
86.4%	65.9	66.0	0.1	0.2%
87.7%	65.6	66.0	0.4	0.6%
88.9%	65.5	65.9	0.4	0.6%
90.1%	65.5	65.9	0.4	0.6%
91.4%	65.4	65.5	0.1	0.2%
92.6%	65.2	65.4	0.2	0.3%
93.8%	64.9	64.9	0.0	0.0%
95.1%	63.8	63.8	0.0	0.0%
96.3%	63.4	63.4	0.0	0.0%
97.5%	63.1	63.1	0.0	0.0%
98.8%	63.0	62.9	-0.1	-0.2%
100.0%	63.0	62.9	-0.1	-0.2%

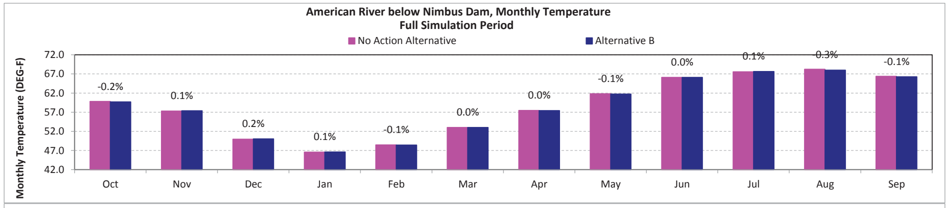
Table SQ-18-5a
American River below Nimbus Dam, Monthly Temperature
Long-term Average and Average by Water Year Type

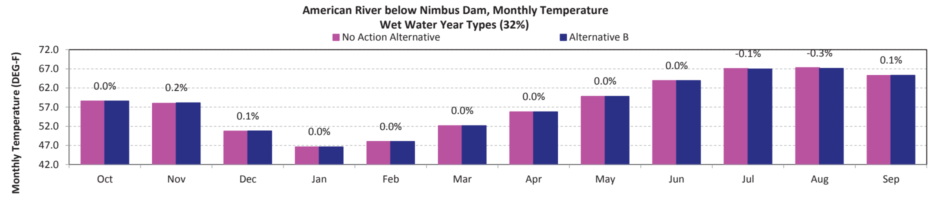
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	59.8	57.3	50.0	46.6	48.5	53.0	57.5	61.8	66.1	67.5	68.2	66.4
Alternative B	59.7	57.4	50.1	46.6	48.4	53.0	57.4	61.8	66.1	67.6	68.0	66.3
Difference	-0.1	0.1	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	-0.2	-0.1
Percent Difference[3]	-0.2%	0.1%	0.2%	0.1%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.1%	-0.3%	-0.1%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	58.6	58.0	50.7	46.6	48.0	52.1	55.8	59.8	63.9	67.0	67.3	65.2
Alternative B	58.6	58.1	50.7	46.6	48.0	52.1	55.7	59.8	63.9	67.0	67.1	65.3
Difference	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	0.1
Percent Difference	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.3%	0.1%
Above Normal (15%)												
No Action Alternative	58.3	56.8	49.8	46.7	48.2	52.8	57.1	61.1	65.6	66.6	67.8	65.7
Alternative B	58.0	56.9	49.9	46.7	48.2	52.8	57.1	61.1	65.6	66.6	67.8	65.8
Difference	-0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Percent Difference	-0.5%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.1%
Below Normal (17%)												
No Action Alternative	58.1	57.0	50.1	46.2	47.4	52.9	57.5	61.1	65.7	66.3	68.3	66.6
Alternative B	58.1	57.1	50.1	46.2	47.4	53.0	57.5	61.1	65.6	66.7	67.9	66.4
Difference	0.1	0.0	0.0	0.0	-0.1	0.1	0.0	-0.1	-0.1	0.4	-0.4	-0.2
Percent Difference	0.1%	0.1%	0.0%	0.1%	-0.1%	0.3%	0.0%	-0.2%	-0.2%	0.6%	-0.6%	-0.3%
Dry (22%)												
No Action Alternative	60.5	57.2	49.7	46.5	48.8	53.3	58.5	63.9	67.9	67.5	68.2	66.8
Alternative B	59.9	57.3	49.9	46.5	48.7	53.4	58.6	63.7	67.8	67.8	68.0	66.8
Difference	-0.6	0.1	0.2	0.0	-0.2	0.1	0.1	-0.2	-0.1	0.3	-0.2	0.0
Percent Difference	-1.0%	0.2%	0.5%	0.1%	-0.4%	0.1%	0.2%	-0.3%	-0.2%	0.4%	-0.2%	0.0%
Critical (15%)												
No Action Alternative	64.8	56.8	48.7	46.9	50.2	54.7	59.6	64.3	68.9	71.1	70.4	68.3
Alternative B	65.1	56.9	48.8	47.0	50.3	54.6	59.4	64.2	69.1	70.9	70.2	67.9
Difference	0.2	0.1	0.1	0.1	0.1	-0.1	-0.2	-0.1	0.2	-0.2	-0.2	-0.4
Percent Difference	0.4%	0.3%	0.2%	0.2%	0.2%	-0.2%	-0.3%	-0.2%	0.3%	-0.3%	-0.4%	-0.6%

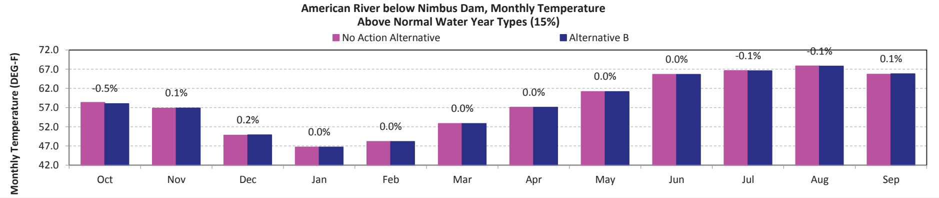
1 Based on the 82-year simulation period

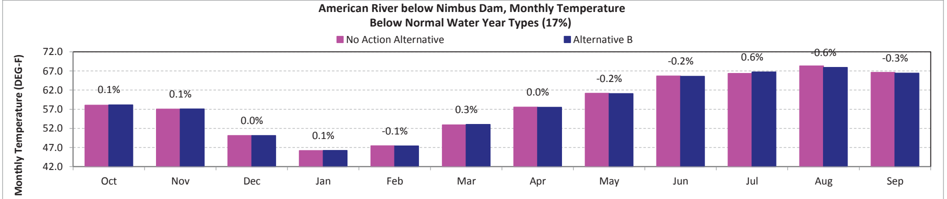
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

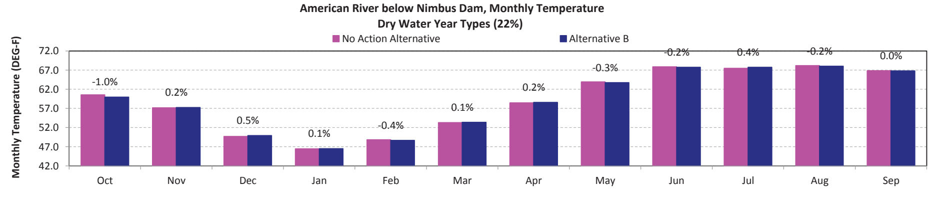
3 Relative difference of the monthly average


American River below Nimbus Dam, Monthly Temperature
Full Simulation Period


American River below Nimbus Dam, Monthly Temperature
Wet Water Year Types (32%)


American River below Nimbus Dam, Monthly Temperature
Above Normal Water Year Types (15%)


American River below Nimbus Dam, Monthly Temperature
Below Normal Water Year Types (17%)


American River below Nimbus Dam, Monthly Temperature
Dry Water Year Types (22%)

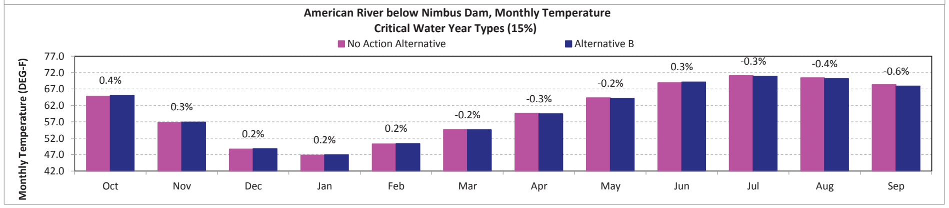

American River below Nimbus Dam, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-18-5b
American River below Nimbus Dam, Monthly Temperature
Probability of Exceedance

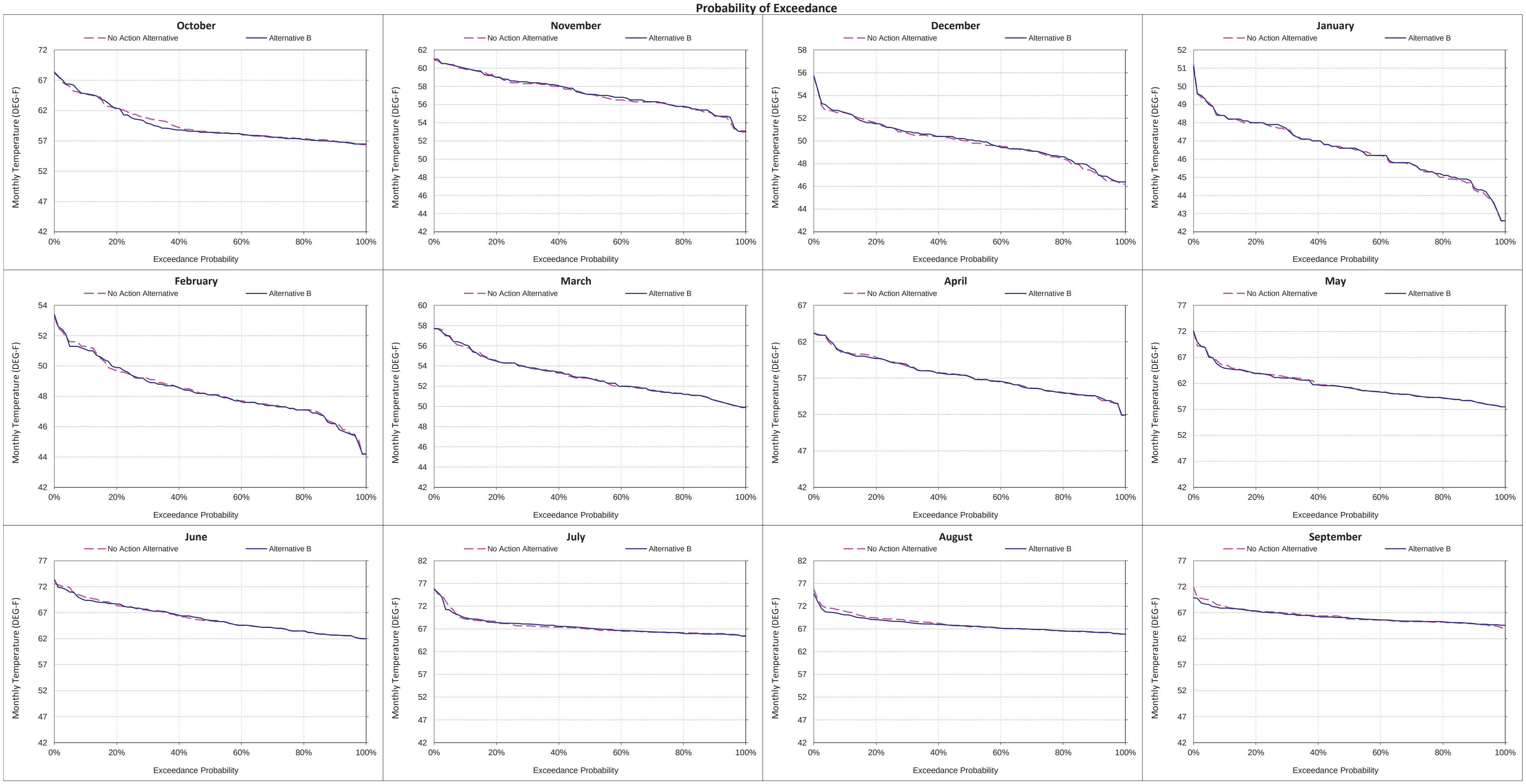


Table SQ-18-5b

American River below Nimbus Dam, Monthly Temperature
Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	68.4	68.2	-0.2	-0.3%
1.2%	67.7	67.6	-0.1	-0.1%
2.5%	66.7	67.1	0.4	0.6%
3.7%	66.3	66.4	0.1	0.2%
4.9%	66.0	66.4	0.4	0.6%
6.2%	65.2	66.2	1.0	1.5%
7.4%	65.1	65.5	0.4	0.6%
8.6%	64.8	64.9	0.1	0.2%
9.9%	64.8	64.8	0.0	0.0%
11.1%	64.6	64.7	0.1	0.2%
12.3%	64.5	64.6	0.1	0.2%
13.6%	64.4	64.4	0.0	0.0%
14.8%	64.2	63.9	-0.3	-0.5%
16.0%	62.9	63.7	0.8	1.3%
17.3%	62.7	63.2	0.5	0.8%
18.5%	62.6	62.7	0.1	0.2%
19.8%	62.3	62.4	0.1	0.2%
21.0%	62.2	62.3	0.1	0.2%
22.2%	62.1	61.3	-0.8	-1.3%
23.5%	61.8	61.3	-0.5	-0.8%
24.7%	61.4	60.8	-0.6	-1.0%
25.9%	61.4	60.6	-0.8	-1.3%
27.2%	61.1	60.5	-0.6	-1.0%
28.4%	60.9	60.4	-0.5	-0.8%
29.6%	60.8	59.9	-0.9	-1.5%
30.9%	60.6	59.8	-0.8	-1.3%
32.1%	60.5	59.5	-1.0	-1.7%
33.3%	60.4	59.4	-1.0	-1.7%
34.6%	60.3	59.1	-1.2	-2.0%
35.8%	60.2	59.1	-1.1	-1.8%
37.0%	59.8	59.0	-0.8	-1.3%
38.3%	59.5	58.9	-0.6	-1.0%
39.5%	59.3	58.8	-0.5	-0.8%
40.7%	59.1	58.8	-0.3	-0.5%
42.0%	58.9	58.7	-0.2	-0.3%
43.2%	58.9	58.6	-0.3	-0.5%
44.4%	58.8	58.6	-0.2	-0.3%
45.7%	58.6	58.6	0.0	0.0%
46.9%	58.6	58.4	-0.2	-0.3%
48.1%	58.6	58.4	-0.2	-0.3%
49.4%	58.4	58.4	0.0	0.0%
50.6%	58.4	58.4	0.0	0.0%
51.9%	58.4	58.3	-0.1	-0.2%
53.1%	58.4	58.3	-0.1	-0.2%
54.3%	58.3	58.3	0.0	0.0%
55.6%	58.3	58.3	0.0	0.0%
56.8%	58.2	58.2	0.0	0.0%
58.0%	58.2	58.2	0.0	0.0%
59.3%	58.2	58.2	0.0	0.0%
60.5%	58.1	58.0	-0.1	-0.2%
61.7%	58.0	58.0	0.0	0.0%
63.0%	57.9	57.9	0.0	0.0%
64.2%	57.8	57.9	0.1	0.2%
65.4%	57.8	57.9	0.1	0.2%
66.7%	57.7	57.8	0.1	0.2%
67.9%	57.7	57.8	0.1	0.2%
69.1%	57.6	57.7	0.1	0.2%
70.4%	57.6	57.6	0.0	0.0%
71.6%	57.5	57.6	0.1	0.2%
72.8%	57.5	57.6	0.1	0.2%
74.1%	57.5	57.4	-0.1	-0.2%
75.3%	57.5	57.4	-0.1	-0.2%
76.5%	57.5	57.4	-0.1	-0.2%
77.8%	57.4	57.4	0.0	0.0%
79.0%	57.4	57.3	-0.1	-0.2%
80.2%	57.4	57.2	-0.2	-0.3%
81.5%	57.3	57.2	-0.1	-0.2%
82.7%	57.2	57.1	-0.1	-0.2%
84.0%	57.2	57.1	-0.1	-0.2%
85.2%	57.2	57.0	-0.2	-0.3%
86.4%	57.2	57.0	-0.2	-0.3%
87.7%	57.1	57.0	-0.1	-0.2%
88.9%	57.1	56.9	-0.2	-0.4%
90.1%	56.9	56.9	0.0	0.0%
91.4%	56.8	56.8	0.0	0.0%
92.6%	56.8	56.8	0.0	0.0%
93.8%	56.8	56.7	-0.1	-0.2%
95.1%	56.7	56.6	-0.1	-0.2%
96.3%	56.6	56.5	-0.1	-0.2%
97.5%	56.5	56.5	0.0	0.0%
98.8%	56.4	56.5	0.1	0.2%
100.0%	56.4	56.5	0.1	0.2%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.9	61.0	0.1	0.2%
1.2%	60.8	61.0	0.2	0.3%
2.5%	60.5	60.5	0.0	0.0%
3.7%	60.5	60.5	0.0	0.0%
4.9%	60.4	60.4	0.0	0.0%
6.2%	60.4	60.3	-0.1	-0.2%
7.4%	60.0	60.2	0.2	0.3%
8.6%	60.0	60.1	0.1	0.2%
9.9%	59.9	60.0	0.1	0.2%
11.1%	59.8	59.9	0.1	0.2%
12.3%	59.8	59.8	0.0	0.0%
13.6%	59.7	59.7	0.0	0.0%
14.8%	59.6	59.7	0.1	0.2%
16.0%	59.6	59.3	-0.3	-0.5%
17.3%	59.3	59.2	-0.1	-0.2%
18.5%	59.3	59.2	-0.1	-0.2%
19.8%	59.1	59.0	-0.1	-0.2%
21.0%	59.0	59.0	0.0	0.0%
22.2%	58.7	58.8	0.1	0.2%
23.5%	58.6	58.8	0.2	0.3%
24.7%	58.4	58.6	0.2	0.3%
25.9%	58.4	58.6	0.2	0.3%
27.2%	58.4	58.5	0.1	0.2%
28.4%	58.3	58.5	0.2	0.3%
29.6%	58.3	58.5	0.2	0.3%
30.9%	58.3	58.4	0.1	0.2%
32.1%	58.3	58.4	0.1	0.2%
33.3%	58.3	58.4	0.1	0.2%
34.6%	58.2	58.3	0.1	0.2%
35.8%	58.2	58.3	0.1	0.2%
37.0%	58.1	58.2	0.1	0.2%
38.3%	58.0	58.2	0.2	0.3%
39.5%	58.0	58.1	0.1	0.2%
40.7%	57.9	58.0	0.1	0.2%
42.0%	57.7	57.9	0.2	0.3%
43.2%	57.7	57.8	0.1	0.2%
44.4%	57.6	57.8	0.2	0.3%
45.7%	57.5	57.4	-0.1	-0.2%
46.9%	57.4	57.3	-0.1	-0.2%
48.1%	57.2	57.2	0.0	0.0%
49.4%	57.2	57.1	-0.1	-0.2%
50.6%	57.1	57.1	0.0	0.0%
51.9%	57.0	57.1	0.1	0.2%
53.1%	56.9	57.0	0.1	0.2%
54.3%	56.8	57.0	0.2	0.4%
55.6%	56.7	57.0	0.3	0.5%
56.8%	56.6	56.9	0.3	0.5%
58.0%	56.5	56.8	0.3	0.5%
59.3%	56.5	56.8	0.3	0.5%
60.5%	56.5	56.8	0.3	0.5%
61.7%	56.4	56.7	0.3	0.5%
63.0%	56.4	56.5	0.1	0.2%
64.2%	56.3	56.5	0.2	0.4%
65.4%	56.3	56.5	0.2	0.4%
66.7%	56.3	56.5	0.2	0.4%
67.9%	56.3	56.3	0.0	0.0%
69.1%	56.3	56.3	0.0	0.0%
70.4%	56.3	56.3	0.0	0.0%
71.6%	56.2	56.3	0.1	0.2%
72.8%	56.2	56.2	0.0	0.0%
74.1%	56.2	56.1	-0.1	-0.2%
75.3%	56.0	56.0	0.0	0.0%
76.5%	55.9	55.9	0.0	0.0%
77.8%	55.8	55.8	0.0	0.0%
79.0%	55.8	55.8	0.0	0.0%
80.2%	55.7	55.8	0.1	0.2%
81.5%	55.7	55.7	0.0	0.0%
82.7%	55.6	55.5	-0.1	-0.2%
84.0%	55.4	55.5	0.1	0.2%
85.2%	55.4	55.4	0.0	0.0%
86.4%	55.2	55.4	0.2	0.4%
87.7%	55.2	55.4	0.2	0.4%
88.9%	55.1	55.1	0.0	0.0%
90.1%	54.7	54.8	0.1	0.2%
91.4%	54.7	54.7	0.0	0.0%
92.6%	54.6	54.7	0.1	0.2%
93.8%	54.6	54.7	0.1	0.2%
95.1%	54.0	54.6	0.6	1.1%
96.3%	53.3	53.5	0.2	0.4%
97.5%	53.3	53.1	-0.2	-0.4%
98.8%	53.1	53.0	-0.1	-0.2%
100.0%	53.1	53.0	-0.1	-0.2%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	55.7	55.7	0.0	0.0%
1.2%	54.5	54.5	0.0	0.0%
2.5%	53.1	53.3	0.2	0.4%
3.7%	52.7	53.2	0.5	0.9%
4.9%	52.7	52.9	0.2	0.4%
6.2%	52.6	52.7	0.1	0.2%
7.4%	52.5	52.7	0.2	0.4%
8.6%	52.5	52.6	0.1	0.2%
9.9%	52.5	52.5	0.0	0.0%
11.1%	52.4	52.4	0.0	0.0%
12.3%	52.3	52.3	0.0	0.0%
13.6%	52.1	52.0	-0.1	-0.2%
14.8%	52.0	51.8	-0.2	-0.4%
16.0%	51.9	51.7	-0.2	-0.4%
17.3%	51.8	51.6	-0.2	-0.4%
18.5%	51.7	51.6	-0.1	-0.2%
19.8%	51.6	51.5	-0.1	-0.2%
21.0%	51.4	51.5	0.1	0.2%
22.2%	51.3	51.4	0.1	0.2%
23.5%	51.2	51.2	0.0	0.0%
24.7%	51.2	51.2	0.0	0.0%
25.9%	51.1	51.1	0.0	0.0%
27.2%	50.8	51.0	0.2	0.4%
28.4%	50.8	50.9	0.1	0.2%
29.6%	50.7	50.8	0.1	0.2%
30.9%	50.6	50.8	0.2	0.4%
32.1%	50.5	50.7	0.2	0.4%
33.3%	50.5	50.7	0.2	0.4%
34.6%	50.5	50.6	0.1	0.2%
35.8%	50.5	50.6	0.1	0.2%
37.0%	50.4	50.6	0.2	0.4%
38.3%	50.4	50.5	0.1	0.2%
39.5%	50.4	50.4	0.0	0.0%
40.7%	50.4	50.4	0.0	0.0%
42.0%	50.3	50.4	0.1	0.2%
43.2%	50.3	50.4	0.1	0.2%
44.4%	50.2	50.4	0.2	0.4%
45.7%	50.1	50.2	0.1	0.2%
46.9%	50.1	50.2	0.1	0.2%
48.1%	50.0	50.2	0.2	0.4%
49.4%	50.0	50.1	0.1	0.2%
50.6%	49.8	50.1	0.3	0.6%
51.9%	49.8	50.0	0.2	0.4%
53.1%	49.8	50.0	0.2	0.4%
54.3%	49.7	49.9	0.2	0.4%
55.6%	49.6	49.9	0.3	0.6%
56.8%	49.6	49.7	0.1	0.2%
58.0%	49.6	49.6	0.0	0.0%
59.3%	49.6	49.5	-0.1	-0.2%
60.5%	49.5	49.4	-0.1	-0.2%
61.7%	49.5	49.4	-0.1	-0.2%
63.0%	49.4	49.3	-0.1	-0.2%
64.2%	49.3	49.3	0.0	0.0%
65.4%	49.3	49.3	0.0	0.0%
66.7%	49.2	49.3	0.1	0.2%
67.9%	49.2	49.2	0.0	0.0%
69.1%	49.1	49.2	0.1	0.2%
70.4%	49.1	49.1	0.0	0.0%
71.6%	49.1	49.1	0.0	0.0%
72.8%	48.9	49.0	0.1	0.2%
74.1%	48.8	48.9	0.1	0.2%
75.3%	48.6	48.8	0.2	0.4%
76.5%	48.6	48.7	0.1	0.2%
77.8%	48.6	48.7	0.1	0.2%
79.0%	48.5	48.6	0.1	0.2%
80.2%	48.4	48.6	0.2	0.4%
81.5%	48.3	48.4	0.1	0.2%
82.7%	48.0	48.3	0.3	0.6%
84.0%	48.0	48.0	0.0	0.0%
85.2%	47.9	48.0	0.1	0.2%
86.4%	47.5	48.0	0.5	1.1%
87.7%	47.5	47.9	0.4	0.8%
88.9%	47.4	47.6	0.2	0.4%
90.1%	47.2	47.5	0.3	0.6%
91.4%	47.1	47.0	-0.1	-0.2%
92.6%	46.8	46.9	0.1	0.2%
93.8%	46.5	46.9	0.4	0.9%
95.1%	46.5	46.7	0.2	0.4%
96.3%	46.5	46.5	0.0	0.0%
97.5%	46.4	46.4	0.0	0.0%
98.8%	46.2	46.4	0.2	0.4%
100.0%	46.2	46.4	0.2	0.4%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	51.2	51.1	-0.1	-0.2%
1.2%	49.6	49.6	0.0	0.0%
2.5%	49.4	49.5	0.1	0.2%
3.7%	49.2	49.3	0.1	0.2%
4.9%	49.1	49.0	-0.1	-0.2%
6.2%	48.9	48.9	0.0	0.0%
7.4%	48.4	48.5	0.1	0.2%
8.6%	48.4	48.4	0.0	0.0%
9.9%	48.4	48.4	0.0	0.0%
11.1%	48.2	48.2	0.0	0.0%
12.3%	48.2	48.2	0.0	0.0%
13.6%	48.2	48.2	0.0	0.0%
14.8%	48.1	48.2	0.1	0.2%
16.0%	48.0	48.1	0.1	0.2%
17.3%	48.0	48.1	0.1	0.2%
18.5%	48.0	48.0	0.0	0.0%
19.8%	48.0	48.0	0.0	0.0%
21.0%	48.0	48.0	0.0	0.0%
22.2%	48.0	48.0	0.0	0.0%
23.5%	47.9	47.9	0.0	0.0%
24.7%	47.8	47.9	0.1	0.2%
25.9%	47.8	47.9	0.1	0.2%
27.2%	47.7	47.9	0.2	0.4%
28.4%	47.7	47.8	0.1	0.2%
29.6%	47.6	47.7	0.1	0.2%
30.9%	47.6	47.5	-0.1	-0.2%
32.1%	47.3	47.3	0.0	0.0%
33.3%	47.3	47.2	-0.1	-0.2%
34.6%	47.1	47.1	0.0	0.0%
35.8%	47.1	47.1	0.0	0.0%
37.0%	47.1	47.1	0.0	0.0%
38.3%	47.0	47.0	0.0	0.0%
39.5%	47.0	47.0	0.0	0.0%
40.7%	47.0	47.0	0.0	0.0%
42.0%	46.8	46.8	0.0	0.0%
43.2%	46.8	46.8	0.0	0.0%
44.4%	46.7	46.7	0.0	0.0%
45.7%	46.7	46.7	0.0	0.0%
46.9%	46.7	46.6	-0.1	-0.2%
48.1%	46.6	46.6	0.0	0.0%
49.4%	46.6	46.6	0.0	0.0%
50.6%	46.6	46.6	0.0	0.0%
51.9%	46.5	46.6	0.1	0.2%
53.1%	46.5	46.5	0.0	0.0%
54.3%	46.4	46.4	0.0	0.0%
55.6%	46.4	46.2	-0.2	-0.4%
56.8%	46.3	46.2	-0.1	-0.2%
58.0%	46.2	46.2	0.0	0.0%
59.3%	46.2	46.2	0.0	0.0%
60.5%	46.2	46.2	0.0	0.0%
61.7%	46.1	46.2	0.1	0.2%
63.0%	45.8	45.9	0.1	0.2%
64.2%	45.8	45.8	0.0	0.0%
65.4%	45.8	45.8	0.0	0.0%
66.7%	45.8	45.8	0.0	0.0%
67.9%	45.8	45.8	0.0	0.0%
69.1%	45.7	45.8	0.1	0.2%
70.4%	45.7	45.7	0.0	0.0%
71.6%	45.6	45.6	0.0	0.0%
72.8%	45.4	45.4	0.0	0.0%
74.1%	45.3	45.4	0.1	0.2%
75.3%	45.3	45.3	0.0	0.0%
76.5%	45.3	45.3	0.0	0.0%
77.8%	45.2	45.2	0.0	0.0%
79.0%	45.0	45.2	0.2	0.4%
80.2%	45.0	45.1	0.1	0.2%
81.5%	44.9	45.1	0.2	0.4%
82.7%	44.9	45.0	0.1	0.2%
84.0%	44.9	45.0	0.1	0.2%
85.2%	44.8	44.9	0.1	0.2%
86.4%	44.8	44.9	0.1	0.2%
87.7%	44.7	44.9	0.2	0.4%
88.9%	44.7	44.8	0.1	0.2%
90.1%	44.3	44.4	0.1	0.2%
91.4%	44.2	44.3	0.1	0.2%
92.6%	44.2	44.3	0.1	0.2%
93.8%	44.0	44.2	0.2	0.5%
95.1%	43.8	43.9	0.1	0.2%
96.3%	43.6	43.6	0.0	0.0%
97.5%	43.1	43.1	0.0	0.0%
98.8%	42.6	42.6	0.0	0.0%
100.0%	42.6	42.6	0.0	0.0%

Table SQ-18-5b

American River below Nimbus Dam, Monthly Temperature

Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.3	53.4	0.1	0.2%
1.2%	52.5	52.6	0.1	0.2%
2.5%	52.3	52.4	0.1	0.2%
3.7%	51.9	52.1	0.2	0.4%
4.9%	51.6	51.3	-0.3	-0.6%
6.2%	51.6	51.3	-0.3	-0.6%
7.4%	51.6	51.3	-0.3	-0.6%
8.6%	51.3	51.2	-0.1	-0.2%
9.9%	51.3	51.1	-0.2	-0.4%
11.1%	51.2	51.0	-0.2	-0.4%
12.3%	51.2	51.0	-0.2	-0.4%
13.6%	50.8	50.7	-0.1	-0.2%
14.8%	50.5	50.6	0.1	0.2%
16.0%	50.3	50.4	0.1	0.2%
17.3%	49.9	50.3	0.4	0.8%
18.5%	49.8	50.0	0.2	0.4%
19.8%	49.7	49.9	0.2	0.4%
21.0%	49.6	49.9	0.3	0.6%
22.2%	49.6	49.7	0.1	0.2%
23.5%	49.5	49.6	0.1	0.2%
24.7%	49.4	49.4	0.0	0.0%
25.9%	49.2	49.3	0.1	0.2%
27.2%	49.2	49.2	0.0	0.0%
28.4%	49.2	49.2	0.0	0.0%
29.6%	49.2	49.0	-0.2	-0.4%
30.9%	49.1	48.9	-0.2	-0.4%
32.1%	49.1	48.9	-0.2	-0.4%
33.3%	48.9	48.8	-0.1	-0.2%
34.6%	48.9	48.8	-0.1	-0.2%
35.8%	48.8	48.7	-0.1	-0.2%
37.0%	48.8	48.7	-0.1	-0.2%
38.3%	48.7	48.7	0.0	0.0%
39.5%	48.6	48.6	0.0	0.0%
40.7%	48.5	48.5	0.0	0.0%
42.0%	48.5	48.4	-0.1	-0.2%
43.2%	48.5	48.4	-0.1	-0.2%
44.4%	48.4	48.3	-0.1	-0.2%
45.7%	48.3	48.2	-0.1	-0.2%
46.9%	48.2	48.2	0.0	0.0%
48.1%	48.2	48.2	0.0	0.0%
49.4%	48.1	48.1	0.0	0.0%
50.6%	48.1	48.1	0.0	0.0%
51.9%	48.1	48.1	0.0	0.0%
53.1%	48.1	48.0	-0.1	-0.2%
54.3%	48.0	47.9	-0.1	-0.2%
55.6%	47.9	47.9	0.0	0.0%
56.8%	47.8	47.8	0.0	0.0%
58.0%	47.8	47.7	-0.1	-0.2%
59.3%	47.7	47.7	0.0	0.0%
60.5%	47.7	47.6	-0.1	-0.2%
61.7%	47.6	47.6	0.0	0.0%
63.0%	47.6	47.6	0.0	0.0%
64.2%	47.6	47.6	0.0	0.0%
65.4%	47.5	47.5	0.0	0.0%
66.7%	47.5	47.5	0.0	0.0%
67.9%	47.5	47.4	-0.1	-0.2%
69.1%	47.4	47.4	0.0	0.0%
70.4%	47.4	47.4	0.0	0.0%
71.6%	47.4	47.3	-0.1	-0.2%
72.8%	47.3	47.3	0.0	0.0%
74.1%	47.3	47.3	0.0	0.0%
75.3%	47.2	47.2	0.0	0.0%
76.5%	47.2	47.2	0.0	0.0%
77.8%	47.1	47.1	0.0	0.0%
79.0%	47.1	47.1	0.0	0.0%
80.2%	47.1	47.1	0.0	0.0%
81.5%	47.1	47.1	0.0	0.0%
82.7%	47.1	46.9	-0.2	-0.4%
84.0%	47.0	46.9	-0.1	-0.2%
85.2%	46.9	46.8	-0.1	-0.2%
86.4%	46.7	46.7	0.0	0.0%
87.7%	46.4	46.3	-0.1	-0.2%
88.9%	46.3	46.2	-0.1	-0.2%
90.1%	46.2	46.2	0.0	0.0%
91.4%	46.1	45.8	-0.3	-0.7%
92.6%	45.8	45.7	-0.1	-0.2%
93.8%	45.8	45.6	-0.2	-0.4%
95.1%	45.5	45.5	0.0	0.0%
96.3%	45.4	45.5	0.1	0.2%
97.5%	45.2	44.9	-0.3	-0.7%
98.8%	44.2	44.2	0.0	0.0%
100.0%	44.2	44.2	0.0	0.0%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	57.7	57.7	0.0	0.0%
1.2%	57.7	57.7	0.0	0.0%
2.5%	57.6	57.4	-0.2	-0.3%
3.7%	57.1	57.0	-0.1	-0.2%
4.9%	56.9	57.0	0.1	0.2%
6.2%	56.4	56.4	0.0	0.0%
7.4%	56.1	56.4	0.3	0.5%
8.6%	56.0	56.3	0.3	0.5%
9.9%	55.9	56.1	0.2	0.4%
11.1%	55.8	56.0	0.2	0.4%
12.3%	55.5	55.4	-0.1	-0.2%
13.6%	55.3	55.3	0.0	0.0%
14.8%	55.3	55.0	-0.3	-0.5%
16.0%	54.9	55.0	0.1	0.2%
17.3%	54.9	54.7	-0.2	-0.4%
18.5%	54.6	54.6	0.0	0.0%
19.8%	54.6	54.5	-0.1	-0.2%
21.0%	54.3	54.4	0.1	0.2%
22.2%	54.3	54.3	0.0	0.0%
23.5%	54.3	54.3	0.0	0.0%
24.7%	54.3	54.3	0.0	0.0%
25.9%	54.2	54.3	0.1	0.2%
27.2%	54.1	54.0	-0.1	-0.2%
28.4%	54.0	54.0	0.0	0.0%
29.6%	54.0	53.9	-0.1	-0.2%
30.9%	53.8	53.8	0.0	0.0%
32.1%	53.7	53.8	0.1	0.2%
33.3%	53.7	53.7	0.0	0.0%
34.6%	53.6	53.6	0.0	0.0%
35.8%	53.5	53.6	0.1	0.2%
37.0%	53.5	53.5	0.0	0.0%
38.3%	53.4	53.5	0.1	0.2%
39.5%	53.3	53.4	0.1	0.2%
40.7%	53.3	53.4	0.1	0.2%
42.0%	53.2	53.2	0.0	0.0%
43.2%	53.0	53.2	0.2	0.4%
44.4%	52.9	53.0	0.1	0.2%
45.7%	52.8	52.9	0.1	0.2%
46.9%	52.8	52.9	0.1	0.2%
48.1%	52.8	52.9	0.1	0.2%
49.4%	52.8	52.8	0.0	0.0%
50.6%	52.7	52.7	0.0	0.0%
51.9%	52.7	52.6	-0.1	-0.2%
53.1%	52.5	52.5	0.0	0.0%
54.3%	52.5	52.5	0.0	0.0%
55.6%	52.3	52.3	0.0	0.0%
56.8%	52.1	52.3	0.2	0.4%
58.0%	52.0	52.3	0.3	0.6%
59.3%	52.0	52.0	0.0	0.0%
60.5%	52.0	52.0	0.0	0.0%
61.7%	52.0	52.0	0.0	0.0%
63.0%	51.9	52.0	0.1	0.2%
64.2%	51.9	51.9	0.0	0.0%
65.4%	51.8	51.9	0.1	0.2%
66.7%	51.8	51.8	0.0	0.0%
67.9%	51.7	51.8	0.1	0.2%
69.1%	51.6	51.6	0.0	0.0%
70.4%	51.5	51.6	0.1	0.2%
71.6%	51.5	51.5	0.0	0.0%
72.8%	51.4	51.5	0.1	0.2%
74.1%	51.4	51.4	0.0	0.0%
75.3%	51.4	51.4	0.0	0.0%
76.5%	51.4	51.3	-0.1	-0.2%
77.8%	51.3	51.3	0.0	0.0%
79.0%	51.3	51.3	0.0	0.0%
80.2%	51.2	51.2	0.0	0.0%
81.5%	51.2	51.2	0.0	0.0%
82.7%	51.1	51.1	0.0	0.0%
84.0%	51.1	51.1	0.0	0.0%
85.2%	51.1	51.1	0.0	0.0%
86.4%	51.0	51.0	0.0	0.0%
87.7%	50.9	50.9	0.0	0.0%
88.9%	50.7	50.7	0.0	0.0%
90.1%	50.6	50.6	0.0	0.0%
91.4%	50.5	50.5	0.0	0.0%
92.6%	50.4	50.4	0.0	0.0%
93.8%	50.3	50.3	0.0	0.0%
95.1%	50.2	50.2	0.0	0.0%
96.3%	50.1	50.1	0.0	0.0%
97.5%	50.0	50.0	0.0	0.0%
98.8%	49.9	49.9	0.0	0.0%
100.0%	49.9	49.9	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	63.2	63.2	0.0	0.0%
1.2%	62.9	63.0	0.1	0.2%
2.5%	62.9	62.9	0.0	0.0%
3.7%	62.7	62.9	0.2	0.3%
4.9%	61.9	62.2	0.3	0.5%
6.2%	61.5	61.8	0.3	0.5%
7.4%	61.1	60.9	-0.2	-0.3%
8.6%	60.6	60.8	0.2	0.3%
9.9%	60.6	60.5	-0.1	-0.2%
11.1%	60.5	60.4	-0.1	-0.2%
12.3%	60.3	60.2	-0.1	-0.2%
13.6%	60.3	60.0	-0.3	-0.5%
14.8%	60.3	60.0	-0.3	-0.5%
16.0%	60.3	60.0	-0.3	-0.5%
17.3%	60.2	59.9	-0.3	-0.5%
18.5%	60.1	59.8	-0.3	-0.5%
19.8%	59.9	59.7	-0.2	-0.3%
21.0%	59.7	59.7	0.0	0.0%
22.2%	59.6	59.6	0.0	0.0%
23.5%	59.4	59.4	0.0	0.0%
24.7%	59.2	59.2	0.0	0.0%
25.9%	59.2	59.1	-0.1	-0.2%
27.2%	59.0	59.1	0.1	0.2%
28.4%	58.9	59.0	0.1	0.2%
29.6%	58.7	58.9	0.2	0.3%
30.9%	58.5	58.5	0.0	0.0%
32.1%	58.5	58.4	-0.1	-0.2%
33.3%	58.1	58.1	0.0	0.0%
34.6%	58.0	58.0	0.0	0.0%
35.8%	58.0	58.0	0.0	0.0%
37.0%	58.0	58.0	0.0	0.0%
38.3%	57.9	57.9	0.0	0.0%
39.5%	57.9	57.7	-0.2	-0.3%
40.7%	57.7	57.7	0.0	0.0%
42.0%	57.7	57.6	-0.1	-0.2%
43.2%	57.6	57.5	-0.1	-0.2%
44.4%	57.6	57.5	-0.1	-0.2%
45.7%	57.5	57.5	0.0	0.0%
46.9%	57.5	57.4	-0.1	-0.2%
48.1%	57.5	57.4	-0.1	-0.2%
49.4%	57.3	57.3	0.0	0.0%
50.6%	57.1	57.1	0.0	0.0%
51.9%	57.0	56.8	-0.2	-0.4%
53.1%	56.8	56.8	0.0	0.0%
54.3%	56.8	56.8	0.0	0.0%
55.6%	56.8	56.8	0.0	0.0%
56.8%	56.7	56.6	-0.1	-0.2%
58.0%	56.6	56.6	0.0	0.0%
59.3%	56.5	56.6	0.1	0.2%
60.5%	56.5	56.5	0.0	0.0%
61.7%	56.3	56.4	0.1	0.2%
63.0%	56.3	56.3	0.0	0.0%
64.2%	56.1	56.1	0.0	0.0%
65.4%	56.1	56.1	0.0	0.0%
66.7%	56.0	55.8	-0.2	-0.4%
67.9%	55.8	55.7	-0.1	-0.2%
69.1%	55.7	55.6	-0.1	-0.2%
70.4%	55.6	55.6	0.0	0.0%
71.6%	55.6	55.6	0.0	0.0%
72.8%	55.5	55.5	0.0	0.0%
74.1%	55.3	55.3	0.0	0.0%
75.3%	55.3	55.2	-0.1	-0.2%
76.5%	55.2	55.2	0.0	0.0%
77.8%	55.1	55.1	0.0	0.0%
79.0%	55.0	55.1	0.1	0.2%
80.2%	54.9	55.0	0.1	0.2%
81.5%	54.9	54.9	0.0	0.0%
82.7%	54.8	54.9	0.1	0.2%
84.0%	54.7	54.8	0.1	0.2%
85.2%	54.7	54.7	0.0	0.0%
86.4%	54.6	54.7	0.1	0.2%
87.7%	54.6	54.6	0.0	0.0%
88.9%	54.6	54.6	0.0	0.0%
90.1%	54.4	54.6	0.2	0.4%
91.4%	54.2	54.4	0.2	0.4%
92.6%	53.9	54.2	0.3	0.6%
93.8%	53.9	53.9	0.0	0.0%
95.1%	53.7	53.9	0.2	0.4%
96.3%	53.6	53.6	0.0	0.0%
97.5%	53.5	53.5	0.0	0.0%
98.8%	51.9	51.9	0.0	0.0%
100.0%	51.9	51.9	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	72.1	72.0	-0.1	-0.1%
1.2%	69.2	69.9	0.7	1.0%
2.5%	69.1	69.1	0.0	0.0%
3.7%	69.0	68.9	-0.1	-0.1%
4.9%	67.2	67.0	-0.2	-0.3%
6.2%	67.0	66.9	-0.1	-0.1%
7.4%	66.4	65.8	-0.6	-0.9%
8.6%	65.7	65.2	-0.5	-0.8%
9.9%	65.4	64.9	-0.5	-0.8%
11.1%	65.4	64.8	-0.6	-0.9%
12.3%	64.9	64.7	-0.2	-0.3%
13.6%	64.9	64.6	-0.3	-0.5%
14.8%	64.7	64.6	-0.1	-0.2%
16.0%	64.4	64.5	0.1	0.2%
17.3%	64.2	64.3	0.1	0.2%
18.5%	64.0	64.1	0.1	0.2%
19.8%	63.9	63.9	0.0	0.0%
21.0%	63.9	63.9	0.0	0.0%
22.2%	63.7	63.8	0.1	0.2%
23.5%	63.7	63.7	0.0	0.0%
24.7%	63.7	63.5	-0.2	-0.3%
25.9%	63.6	63.1	-0.5	-0.8%
27.2%	63.5	63.1	-0.4	-0.6%
28.4%	63.4	63.0	-0.4	-0.6%
29.6%	63.2	63.0	-0.2	-0.3%
30.9%	63.2	63.0	-0.2	-0.3%
32.1%	63.1	62.9	-0.2	-0.3%
33.3%	63.0	62.7	-0.3	-0.5%
34.6%	62.9	62.6	-0.3	-0.5%
35.8%	62.6	62.6	0.0	0.0%
37.0%	62.6	62.6	0.0	0.0%
38.3%	62.5	61.7	-0.8	-1.3%
39.5%	61.8	61.7	-0.1	-0.2%
40.7%	61.7	61.6	-0.1	-0.2%
42.0%	61.7	61.5	-0.2	-0.3%
43.2%	61.7	61.5	-0.2	-0.3%
44.4%	61.6	61.5	-0.1	-0.2%
45.7%	61.5	61.5	0.0	0.0%
46.9%	61.4	61.4	0.0	0.0%
48.1%	61.2	61.3	0.1	0.2%
49.4%	61.2	61.2	0.0	0.0%
50.6%	61.2	61.0	-0.2	-0.3%
51.9%	60.8	60.9	0.1	0.2%
53.1%	60.7	60.8	0.1	0.2%
54.3%	60.6	60.6	0.0	0.0%
55.6%	60.6	60.6	0.0	0.0%
56.8%	60.5	60.5	0.0	0.0%
58.0%	60.4	60.5	0.1	0.2%
59.3%	60.4	60.4	0.0	0.0%
60.5%	60.3	60.3	0.0	0.0%
61.7%	60.3	60.3	0.0	0.0%
63.0%	60.1	60.1	0.0	0.0%
64.2%	60.0	60.0	0.0	0.0%
65.4%	60.0	60.0	0.0	0.0%
66.7%	59.9	59.9	0.0	0.0%
67.9%	59.9	59.9	0.0	0.0%
69.1%	59.9	59.9	0.0	0.0%
70.4%	59.7	59.7	0.0	0.0%
71.6%	59.6	59.5	-0.1	-0.2%
72.8%	59.5	59.5	0.0	0.0%
74.1%	59.4	59.4	0.0	0.0%
75.3%	59.3	59.3	0.0	0.0%
76.5%	59.3	59.3	0.0	0.0%
77.8%	59.3	59.3	0.0	0.0%
79.0%	59.3	59.3	0.0	0.0%
80.2%	59.1	59.2	0.1	0.2%
81.5%	59.1	59.1	0.0	0.0%
82.7%	59.0	59.0	0.0	0.0%
84.0%	58.9	58.9	0.0	0.0%
85.2%	58.9	58.9	0.0	0.0%
86.4%	58.7	58.7	0.0	0.0%
87.7%	58.7	58.7	0.0	0.0%
88.9%	58.7	58.7	0.0	0.0%
90.1%	58.5	58.5	0.0	0.0%
91.4%	58.3	58.3	0.0	0.0%
92.6%	58.2	58.2	0.0	0.0%
93.8%	58.0	58.0	0.0	0.0%
95.1%	57.9	57.9	0.0	0.0%
96.3%	57.8	57.8	0.0	0.0%
97.5%	57.7	57.7	0.0	0.0%
98.8%	57.5	57.5	0.0	0.0%
100.0%	57.5	57.5	0.0	0.0%

Table SQ-18-5b

American River below Nimbus Dam, Monthly Temperature
Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	72.6	73.4	0.8	1.1%
1.2%	72.4	71.9	-0.5	-0.7%
2.5%	72.1	71.8	-0.3	-0.4%
3.7%	72.0	71.5	-0.5	-0.7%
4.9%	71.9	71.0	-0.9	-1.3%
6.2%	70.7	71.0	0.3	0.4%
7.4%	70.5	70.1	-0.4	-0.6%
8.6%	70.3	69.7	-0.6	-0.9%
9.9%	70.0	69.4	-0.6	-0.9%
11.1%	69.9	69.4	-0.5	-0.7%
12.3%	69.7	69.3	-0.4	-0.6%
13.6%	69.6	69.1	-0.5	-0.7%
14.8%	69.2	69.0	-0.2	-0.3%
16.0%	69.1	69.0	-0.1	-0.1%
17.3%	69.1	68.8	-0.3	-0.4%
18.5%	68.7	68.8	0.1	0.1%
19.8%	68.4	68.7	0.3	0.4%
21.0%	68.3	68.7	0.4	0.6%
22.2%	68.2	68.3	0.1	0.1%
23.5%	68.2	68.1	-0.1	-0.1%
24.7%	68.1	68.1	0.0	0.0%
25.9%	67.9	67.9	0.0	0.0%
27.2%	67.7	67.9	0.2	0.3%
28.4%	67.6	67.7	0.1	0.1%
29.6%	67.5	67.7	0.2	0.3%
30.9%	67.4	67.4	0.0	0.0%
32.1%	67.4	67.3	-0.1	-0.1%
33.3%	67.4	67.3	-0.1	-0.1%
34.6%	67.2	67.3	0.1	0.1%
35.8%	67.1	67.2	0.1	0.1%
37.0%	66.8	66.9	0.1	0.1%
38.3%	66.7	66.8	0.1	0.1%
39.5%	66.4	66.6	0.2	0.3%
40.7%	66.2	66.4	0.2	0.3%
42.0%	66.2	66.4	0.2	0.3%
43.2%	66.0	66.4	0.4	0.6%
44.4%	65.8	66.2	0.4	0.6%
45.7%	65.7	66.1	0.4	0.6%
46.9%	65.6	66.0	0.4	0.6%
48.1%	65.5	65.7	0.2	0.3%
49.4%	65.5	65.6	0.1	0.2%
50.6%	65.4	65.5	0.1	0.2%
51.9%	65.3	65.5	0.2	0.3%
53.1%	65.3	65.3	0.0	0.0%
54.3%	65.3	65.3	0.0	0.0%
55.6%	65.1	65.1	0.0	0.0%
56.8%	64.8	64.9	0.1	0.2%
58.0%	64.7	64.7	0.0	0.0%
59.3%	64.6	64.6	0.0	0.0%
60.5%	64.6	64.6	0.0	0.0%
61.7%	64.6	64.6	0.0	0.0%
63.0%	64.5	64.5	0.0	0.0%
64.2%	64.4	64.4	0.0	0.0%
65.4%	64.3	64.3	0.0	0.0%
66.7%	64.2	64.2	0.0	0.0%
67.9%	64.2	64.2	0.0	0.0%
69.1%	64.2	64.2	0.0	0.0%
70.4%	64.1	64.1	0.0	0.0%
71.6%	64.0	64.0	0.0	0.0%
72.8%	64.0	64.0	0.0	0.0%
74.1%	63.8	63.9	0.1	0.2%
75.3%	63.6	63.6	0.0	0.0%
76.5%	63.5	63.5	0.0	0.0%
77.8%	63.5	63.5	0.0	0.0%
79.0%	63.5	63.5	0.0	0.0%
80.2%	63.5	63.5	0.0	0.0%
81.5%	63.2	63.2	0.0	0.0%
82.7%	63.2	63.2	0.0	0.0%
84.0%	63.0	63.0	0.0	0.0%
85.2%	62.9	62.9	0.0	0.0%
86.4%	62.9	62.9	0.0	0.0%
87.7%	62.8	62.8	0.0	0.0%
88.9%	62.7	62.7	0.0	0.0%
90.1%	62.7	62.7	0.0	0.0%
91.4%	62.7	62.7	0.0	0.0%
92.6%	62.6	62.6	0.0	0.0%
93.8%	62.6	62.6	0.0	0.0%
95.1%	62.6	62.6	0.0	0.0%
96.3%	62.3	62.3	0.0	0.0%
97.5%	62.1	62.1	0.0	0.0%
98.8%	62.0	62.0	0.0	0.0%
100.0%	62.0	62.0	0.0	0.0%

July				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	75.9	75.7	-0.2	-0.3%
1.2%	74.7	75.0	0.3	0.4%
2.5%	74.6	74.1	-0.5	-0.7%
3.7%	73.1	71.3	-1.8	-2.5%
4.9%	71.9	71.2	-0.7	-1.0%
6.2%	71.2	70.5	-0.7	-1.0%
7.4%	69.8	70.2	0.4	0.6%
8.6%	69.5	69.8	0.3	0.4%
9.9%	69.2	69.5	0.3	0.4%
11.1%	69.1	69.3	0.2	0.3%
12.3%	68.9	69.2	0.3	0.4%
13.6%	68.9	69.2	0.3	0.4%
14.8%	68.8	69.0	0.2	0.3%
16.0%	68.8	68.9	0.1	0.1%
17.3%	68.8	68.5	-0.3	-0.4%
18.5%	68.7	68.5	-0.2	-0.3%
19.8%	68.7	68.4	-0.3	-0.4%
21.0%	68.2	68.4	0.2	0.3%
22.2%	68.2	68.3	0.1	0.1%
23.5%	68.2	68.3	0.1	0.1%
24.7%	68.0	68.3	0.3	0.4%
25.9%	67.8	68.2	0.4	0.6%
27.2%	67.7	68.2	0.5	0.7%
28.4%	67.7	68.1	0.4	0.6%
29.6%	67.7	68.1	0.4	0.6%
30.9%	67.7	68.1	0.4	0.6%
32.1%	67.6	68.0	0.4	0.6%
33.3%	67.5	68.0	0.5	0.7%
34.6%	67.5	67.9	0.4	0.6%
35.8%	67.5	67.8	0.3	0.4%
37.0%	67.4	67.8	0.4	0.6%
38.3%	67.4	67.8	0.4	0.6%
39.5%	67.4	67.6	0.2	0.3%
40.7%	67.4	67.6	0.2	0.3%
42.0%	67.3	67.6	0.3	0.4%
43.2%	67.3	67.5	0.2	0.3%
44.4%	67.3	67.5	0.2	0.3%
45.7%	67.2	67.4	0.2	0.3%
46.9%	67.1	67.3	0.2	0.3%
48.1%	67.1	67.3	0.2	0.3%
49.4%	67.0	67.2	0.2	0.3%
50.6%	66.9	67.1	0.2	0.3%
51.9%	66.9	67.0	0.1	0.1%
53.1%	66.7	67.0	0.3	0.4%
54.3%	66.7	66.9	0.2	0.3%
55.6%	66.7	66.9	0.2	0.3%
56.8%	66.7	66.9	0.2	0.3%
58.0%	66.7	66.7	0.0	0.0%
59.3%	66.6	66.7	0.1	0.2%
60.5%	66.5	66.7	0.2	0.3%
61.7%	66.5	66.6	0.1	0.2%
63.0%	66.5	66.6	0.1	0.2%
64.2%	66.5	66.6	0.1	0.2%
65.4%	66.5	66.5	0.0	0.0%
66.7%	66.4	66.5	0.1	0.2%
67.9%	66.4	66.4	0.0	0.0%
69.1%	66.3	66.4	0.1	0.2%
70.4%	66.3	66.4	0.1	0.2%
71.6%	66.3	66.3	0.0	0.0%
72.8%	66.3	66.3	0.0	0.0%
74.1%	66.3	66.3	0.0	0.0%
75.3%	66.2	66.3	0.1	0.2%
76.5%	66.2	66.2	0.0	0.0%
77.8%	66.2	66.2	0.0	0.0%
79.0%	66.2	66.1	-0.1	-0.2%
80.2%	66.2	66.0	-0.2	-0.3%
81.5%	66.2	66.0	-0.2	-0.3%
82.7%	66.1	66.0	-0.1	-0.2%
84.0%	66.1	66.0	-0.1	-0.2%
85.2%	66.1	66.0	-0.1	-0.2%
86.4%	66.0	65.9	-0.1	-0.2%
87.7%	66.0	65.9	-0.1	-0.2%
88.9%	66.0	65.9	-0.1	-0.2%
90.1%	66.0	65.9	-0.1	-0.2%
91.4%	66.0	65.9	-0.1	-0.2%
92.6%	66.0	65.9	-0.1	-0.2%
93.8%	65.8	65.8	0.0	0.0%
95.1%	65.8	65.7	-0.1	-0.2%
96.3%	65.8	65.7	-0.1	-0.2%
97.5%	65.6	65.7	0.1	0.2%
98.8%	65.5	65.4	-0.1	-0.2%
100.0%	65.5	65.4	-0.1	-0.2%

August				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	75.7	74.7	-1.0	-1.3%
1.2%	73.6	73.0	-0.6	-0.8%
2.5%	72.2	71.5	-0.7	-1.0%
3.7%	71.7	70.8	-0.9	-1.3%
4.9%	71.6	70.7	-0.9	-1.3%
6.2%	71.5	70.6	-0.9	-1.3%
7.4%	71.3	70.5	-0.8	-1.1%
8.6%	71.2	70.3	-0.9	-1.3%
9.9%	70.9	70.1	-0.8	-1.1%
11.1%	70.7	70.1	-0.6	-0.8%
12.3%	70.6	69.9	-0.7	-1.0%
13.6%	70.2	69.6	-0.6	-0.9%
14.8%	70.0	69.5	-0.5	-0.7%
16.0%	69.8	69.4	-0.4	-0.6%
17.3%	69.6	69.3	-0.3	-0.4%
18.5%	69.5	69.1	-0.4	-0.6%
19.8%	69.5	69.1	-0.4	-0.6%
21.0%	69.3	69.0	-0.3	-0.4%
22.2%	69.3	68.9	-0.4	-0.6%
23.5%	69.2	68.8	-0.4	-0.6%
24.7%	69.2	68.8	-0.4	-0.6%
25.9%	69.2	68.7	-0.5	-0.7%
27.2%	69.1	68.7	-0.4	-0.6%
28.4%	69.1	68.6	-0.5	-0.7%
29.6%	68.8	68.5	-0.3	-0.4%
30.9%	68.8	68.4	-0.4	-0.6%
32.1%	68.7	68.3	-0.4	-0.6%
33.3%	68.6	68.2	-0.4	-0.6%
34.6%	68.6	68.1	-0.5	-0.7%
35.8%	68.5	68.1	-0.4	-0.6%
37.0%	68.5	68.1	-0.4	-0.6%
38.3%	68.3	68.1	-0.2	-0.3%
39.5%	68.3	68.0	-0.3	-0.4%
40.7%	68.2	68.0	-0.2	-0.3%
42.0%	68.0	67.9	-0.1	-0.1%
43.2%	67.9	67.9	0.0	0.0%
44.4%	67.8	67.8	0.0	0.0%
45.7%	67.8	67.7	-0.1	-0.1%
46.9%	67.8	67.7	-0.1	-0.1%
48.1%	67.7	67.7	0.0	0.0%
49.4%	67.5	67.7	0.2	0.3%
50.6%	67.5	67.6	0.1	0.1%
51.9%	67.5	67.6	0.1	0.1%
53.1%	67.5	67.6	0.1	0.1%
54.3%	67.4	67.4	0.0	0.0%
55.6%	67.4	67.4	0.0	0.0%
56.8%	67.4	67.4	0.0	0.0%
58.0%	67.3	67.3	0.0	0.0%
59.3%	67.2	67.2	0.0	0.0%
60.5%	67.1	67.2	0.1	0.1%
61.7%	67.1	67.1	0.0	0.0%
63.0%	67.1	67.1	0.0	0.0%
64.2%	67.1	67.1	0.0	0.0%
65.4%	67.1	67.1	0.0	0.0%
66.7%	67.0	67.0	0.0	0.0%
67.9%	67.0	67.0	0.0	0.0%
69.1%	66.9	67.0	0.1	0.1%
70.4%	66.9	66.9	0.0	0.0%
71.6%	66.9	66.9	0.0	0.0%
72.8%	66.8	66.9	0.1	0.1%
74.1%	66.8	66.9	0.1	0.1%
75.3%	66.8	66.8	0.0	0.0%
76.5%	66.7	66.7	0.0	0.0%
77.8%	66.7	66.7	0.0	0.0%
79.0%	66.6	66.6	0.0	0.0%
80.2%	66.6	66.5	-0.1	-0.2%
81.5%	66.5	66.5	0.0	0.0%
82.7%	66.5	66.5	0.0	0.0%
84.0%	66.5	66.5	0.0	0.0%
85.2%	66.4	66.5	0.1	0.2%
86.4%	66.4	66.5	0.1	0.2%
87.7%	66.4	66.4	0.0	0.0%
88.9%	66.4	66.3	-0.1	-0.2%
90.1%	66.3	66.3	0.0	0.0%
91.4%	66.2	66.3	0.1	0.2%
92.6%	66.2	66.3	0.1	0.2%
93.8%	66.2	66.2	0.0	0.0%
95.1%	66.2	66.2	0.0	0.0%
96.3%	66.0	66.0	0.0	0.0%
97.5%	66.0	66.0	0.0	0.0%
98.8%	65.8	65.9	0.1	0.2%
100.0%	65.8	65.9	0.1	0.2%

September				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	71.9	69.9	-2.0	-2.8%
1.2%	69.9	69.8	-0.1	-0.1%
2.5%	69.8	68.9	-0.9	-1.3%
3.7%	69.6	68.7	-0.9	-1.3%
4.9%	69.5	68.6	-0.9	-1.3%
6.2%	69.1	68.2	-0.9	-1.3%
7.4%	68.6	68.1	-0.5	-0.7%
8.6%	68.4	67.9	-0.5	-0.7%
9.9%	68.3	67.9	-0.4	-0.6%
11.1%	68.0	67.9	-0.1	-0.1%
12.3%	67.9	67.8	-0.1	-0.1%
13.6%	67.8	67.8	0.0	0.0%
14.8%	67.7	67.7	0.0	0.0%
16.0%	67.6	67.7	0.1	0.1%
17.3%	67.4	67.5	0.1	0.1%
18.5%	67.3	67.4	0.1	0.1%
19.8%	67.3	67.4	0.1	0.1%
21.0%	67.2	67.3	0.1	0.1%
22.2%	67.2	67.1	-0.1	-0.1%
23.5%	67.2	67.1	-0.1	-0.1%
24.7%	67.2	67.0	-0.2	-0.3%
25.9%	67.2	67.0	-0.2	-0.3%
27.2%	67.1	67.0	-0.1	-0.1%
28.4%	67.0	66.9	-0.1	-0.1%
29.6%	66.9	66.7	-0.2	-0.3%
30.9%	66.9	66.7	-0.2	-0.3%
32.1%	66.9	66.7	-0.2	-0.3%
33.3%	66.7	66.5	-0.2	-0.3%
34.6%	66.7	66.5	-0.2	-0.3%
35.8%	66.6	66.5	-0.1	-0.2%
37.0%	66.5	66.5	0.0	0.0%
38.3%	66.5	66.3	-0.2	-0.3%
39.5%	66.5	66.3	-0.2	-0.3%
40.7%	66.4	66.2	-0.2	-0.3%
42.0%	66.4	66.2	-0.2	-0.3%
43.2%	66.4	66.2	-0.2	-0.3%
44.4%	66.4	66.2	-0.2	-0.3%
45.7%	66.4	66.1	-0.3	-0.5%
46.9%	66.3	66.1	-0.2	-0.3%
48.1%	66.1	66.1	0.0	0.0%
49.4%	65.8	66.1	0.3	0.5%
50.6%	65.8	65.9	0.1	0.2%
51.9%	65.8	65.9	0.1	0.2%
53.1%	65.7	65.9	0.2	0.3%
54.3%	65.7	65.8	0.1	0.2%
55.6%	65.7	65.8	0.1	0.2%
56.8%	65.7	65.7	0.0	0.0%
58.0%	65.6	65.7	0.1	0.2%
59.3%	65.6	65.7	0.1	0.2%
60.5%	65.6	65.6	0.0	0.0%
61.7%	65.6	65.6	0.0	0.0%
63.0%	65.5	65.6	0.1	0.2%
64.2%	65.4	65.5	0.1	0.2%
65.4%	65.4	65.5	0.1	0.2%
66.7%	65.3	65.4	0.1	0.2%
67.9%	65.3	65.4	0.1	0.2%
69.1%	65.3	65.4	0.1	0.2%
70.4%	65.3	65.4	0.1	0.2%
71.6%	65.3	65.4	0.1	0.2%
72.8%	65.3	65.4	0.1	0.2%
74.1%	65.3	65.3	0.0	0.0%
75.3%	65.3	65.3	0.0	0.0%
76.5%	65.2	65.3	0.1	0.2%
77.8%	65.2	65.3	0.1	0.2%
79.0%	65.2	65.3	0.1	0.2%
80.2%	65.2	65.3	0.1	0.2%
81.5%	65.1	65.2	0.1	0.2%
82.7%	65.1	65.1	0.0	0.0%
84.0%	65.1	65.1	0.0	0.0%
85.2%	65.0	65.1	0.1	0.2%
86.4%	65.0	65.1	0.1	0.2%
87.7%	65.0	65.0	0.0	0.0%
88.9%	64.9	65.0	0.1	0.2%
90.1%	64.9	64.9	0.0	0.0%
91.4%	64.7	64.8	0.1	0.2%
92.6%	64.7	64.8	0.1	0.2%
93.8%	64.7	64.8	0.1	0.2%
95.1%	64.5	64.7	0.2	0.3%
96.3%	64.5	64.7	0.2	0.3%
97.5%	64.4	64.7	0.3	0.5%
98.8%	64.1	64.6	0.5	0.8%
100.0%	64.1	64.6	0.5	0.8%

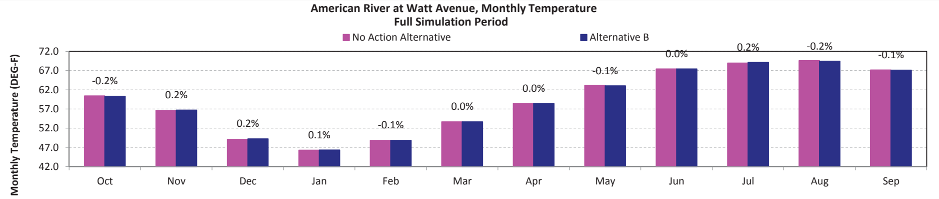
Table SQ-19-5a
American River at Watt Avenue, Monthly Temperature
Long-term Average and Average by Water Year Type

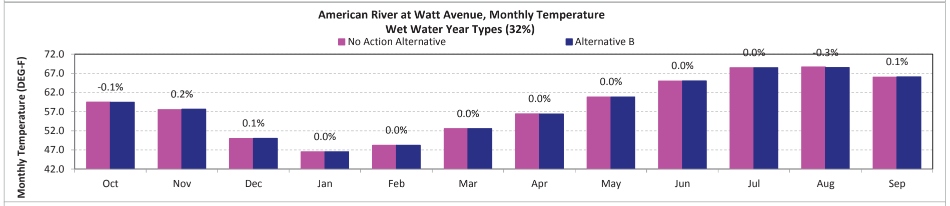
	Monthly Temperature (DEG-F)											
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period[1]												
No Action Alternative	60.4	56.6	49.1	46.3	48.8	53.7	58.4	63.1	67.4	69.0	69.6	67.2
Alternative B	60.3	56.7	49.2	46.3	48.8	53.7	58.4	63.0	67.4	69.1	69.4	67.1
Difference	-0.1	0.1	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.2	-0.2	-0.1
Percent Difference[3]	-0.2%	0.2%	0.2%	0.1%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.2%	-0.2%	-0.1%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	59.5	57.5	50.0	46.5	48.2	52.6	56.4	60.8	65.0	68.5	68.7	66.0
Alternative B	59.5	57.6	50.0	46.5	48.2	52.6	56.4	60.8	65.0	68.5	68.5	66.1
Difference	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.1
Percent Difference	-0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.1%
Above Normal (15%)												
No Action Alternative	59.1	56.1	49.0	46.5	48.5	53.2	58.0	62.5	67.1	67.9	69.0	66.4
Alternative B	58.9	56.2	49.1	46.5	48.5	53.2	58.0	62.5	67.1	67.9	69.0	66.5
Difference	-0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Percent Difference	-0.4%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.2%
Below Normal (17%)												
No Action Alternative	59.0	56.4	49.3	45.7	47.8	53.5	58.5	62.5	67.3	67.6	69.7	67.5
Alternative B	59.0	56.5	49.4	45.8	47.7	53.6	58.5	62.4	67.2	68.1	69.3	67.3
Difference	0.1	0.0	0.0	0.1	0.0	0.1	0.0	-0.1	-0.1	0.5	-0.4	-0.2
Percent Difference	0.1%	0.1%	0.0%	0.1%	-0.1%	0.2%	0.0%	-0.2%	-0.1%	0.8%	-0.6%	-0.3%
Dry (22%)												
No Action Alternative	61.0	56.4	48.9	46.0	49.3	54.2	59.7	65.2	69.4	69.0	69.6	67.8
Alternative B	60.6	56.5	49.1	46.0	49.1	54.2	59.8	65.0	69.3	69.4	69.6	67.8
Difference	-0.5	0.1	0.3	0.0	-0.2	0.0	0.1	-0.2	0.0	0.4	-0.1	0.0
Percent Difference	-0.8%	0.2%	0.5%	0.0%	-0.3%	0.0%	0.1%	-0.3%	0.0%	0.5%	-0.1%	0.0%
Critical (15%)												
No Action Alternative	64.4	55.7	47.4	46.4	50.9	55.6	61.0	65.8	69.9	72.7	71.8	69.1
Alternative B	64.6	55.8	47.5	46.5	51.0	55.5	60.8	65.7	70.1	72.5	71.7	68.7
Difference	0.3	0.1	0.1	0.1	0.1	-0.1	-0.2	-0.1	0.2	-0.1	-0.1	-0.3
Percent Difference	0.4%	0.2%	0.2%	0.2%	0.1%	-0.2%	-0.3%	-0.2%	0.3%	-0.2%	-0.2%	-0.5%

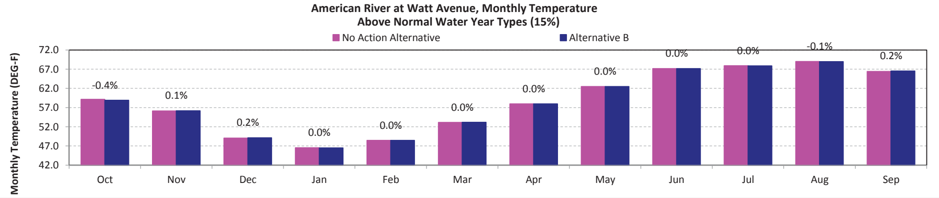
1 Based on the 82-year simulation period

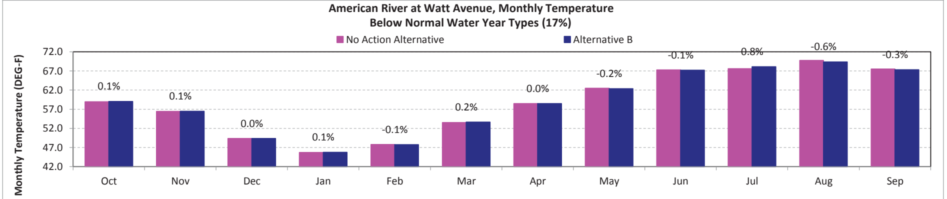
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

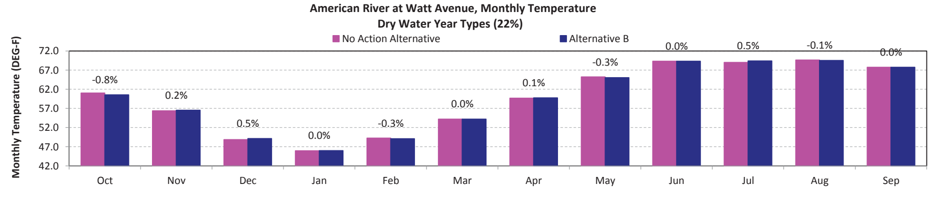
3 Relative difference of the monthly average


American River at Watt Avenue, Monthly Temperature
Full Simulation Period


American River at Watt Avenue, Monthly Temperature
Wet Water Year Types (32%)


American River at Watt Avenue, Monthly Temperature
Above Normal Water Year Types (15%)


American River at Watt Avenue, Monthly Temperature
Below Normal Water Year Types (17%)


American River at Watt Avenue, Monthly Temperature
Dry Water Year Types (22%)

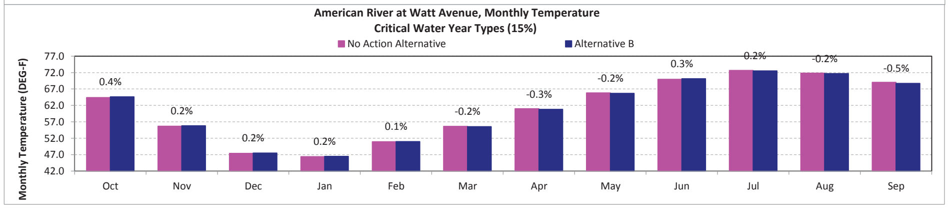

American River at Watt Avenue, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-19-5b
American River at Watt Avenue, Monthly Temperature
Probability of Exceedance

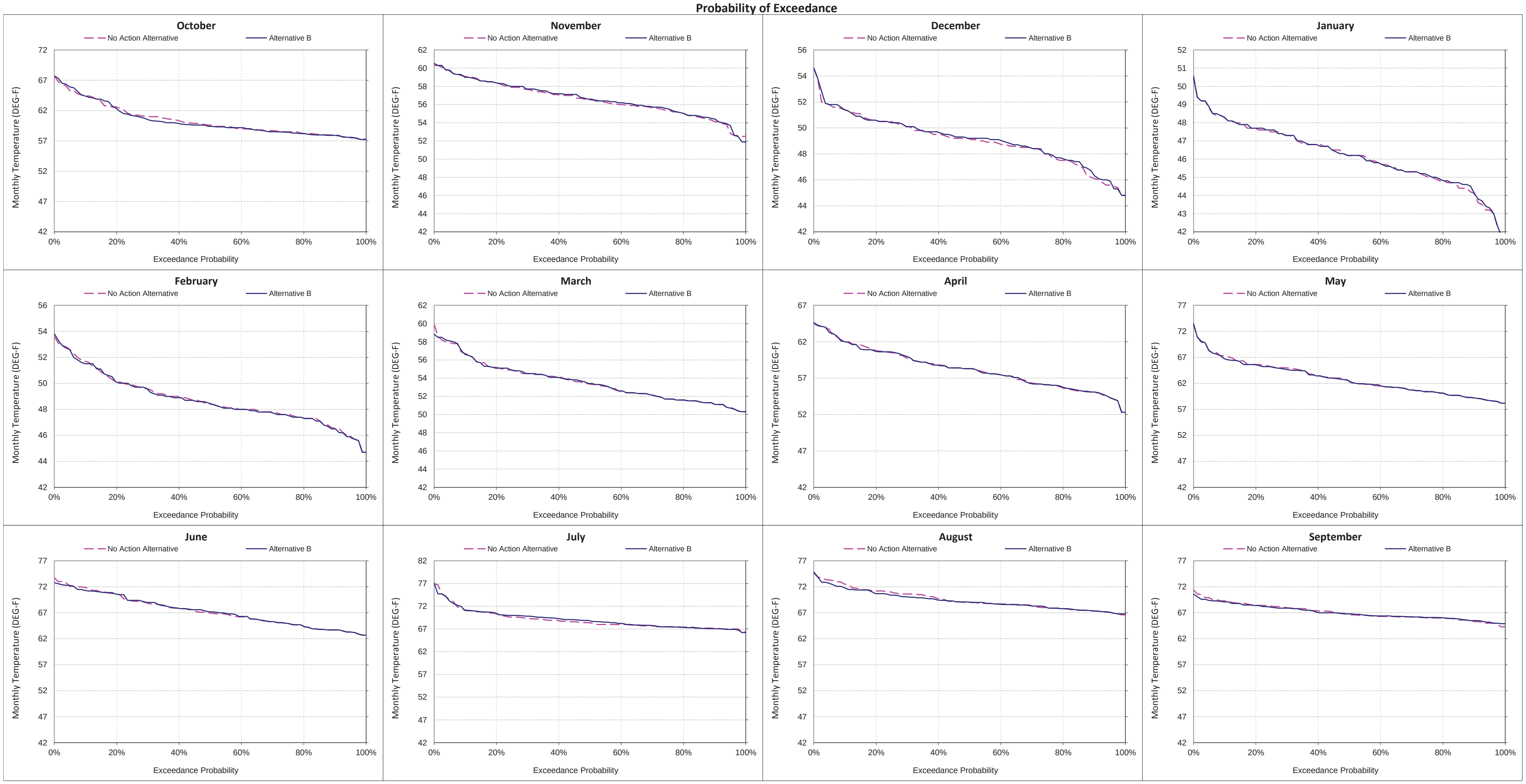


Table SQ-19-5b

American River at Watt Avenue, Monthly Temperature
Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.7	67.7	0.0	0.0%
1.2%	66.8	67.3	0.5	0.7%
2.5%	66.3	66.5	0.2	0.3%
3.7%	66.1	66.4	0.3	0.5%
4.9%	65.3	65.9	0.6	0.9%
6.2%	65.3	65.8	0.5	0.8%
7.4%	64.8	65.2	0.4	0.6%
8.6%	64.6	64.6	0.0	0.0%
9.9%	64.5	64.4	-0.1	-0.2%
11.1%	64.4	64.2	-0.2	-0.3%
12.3%	64.2	64.1	-0.1	-0.2%
13.6%	63.8	63.9	0.1	0.2%
14.8%	63.6	63.9	0.3	0.5%
16.0%	62.8	63.6	0.8	1.3%
17.3%	62.8	63.5	0.7	1.1%
18.5%	62.6	62.8	0.2	0.3%
19.8%	62.6	62.4	-0.2	-0.3%
21.0%	62.4	61.9	-0.5	-0.8%
22.2%	62.1	61.5	-0.6	-1.0%
23.5%	61.6	61.4	-0.2	-0.3%
24.7%	61.3	61.2	-0.1	-0.2%
25.9%	61.3	61.1	-0.2	-0.3%
27.2%	61.2	61.0	-0.2	-0.3%
28.4%	61.1	60.8	-0.3	-0.5%
29.6%	61.1	60.6	-0.5	-0.8%
30.9%	61.0	60.4	-0.6	-1.0%
32.1%	61.0	60.3	-0.7	-1.1%
33.3%	61.0	60.2	-0.8	-1.3%
34.6%	60.8	60.2	-0.6	-1.0%
35.8%	60.7	60.0	-0.7	-1.2%
37.0%	60.6	60.0	-0.6	-1.0%
38.3%	60.5	60.0	-0.5	-0.8%
39.5%	60.4	59.9	-0.5	-0.8%
40.7%	60.2	59.8	-0.4	-0.7%
42.0%	60.0	59.7	-0.3	-0.5%
43.2%	60.0	59.7	-0.3	-0.5%
44.4%	59.9	59.6	-0.3	-0.5%
45.7%	59.9	59.6	-0.3	-0.5%
46.9%	59.8	59.6	-0.2	-0.3%
48.1%	59.7	59.6	-0.1	-0.2%
49.4%	59.6	59.4	-0.2	-0.3%
50.6%	59.6	59.4	-0.2	-0.3%
51.9%	59.4	59.3	-0.1	-0.2%
53.1%	59.4	59.3	-0.1	-0.2%
54.3%	59.4	59.3	-0.1	-0.2%
55.6%	59.3	59.2	-0.1	-0.2%
56.8%	59.3	59.2	-0.1	-0.2%
58.0%	59.1	59.2	0.1	0.2%
59.3%	59.0	59.2	0.2	0.3%
60.5%	59.0	59.2	0.2	0.3%
61.7%	59.0	59.0	0.0	0.0%
63.0%	58.9	59.0	0.1	0.2%
64.2%	58.9	58.8	-0.1	-0.2%
65.4%	58.8	58.8	0.0	0.0%
66.7%	58.7	58.8	0.1	0.2%
67.9%	58.7	58.6	-0.1	-0.2%
69.1%	58.7	58.5	-0.2	-0.3%
70.4%	58.7	58.5	-0.2	-0.3%
71.6%	58.6	58.5	-0.1	-0.2%
72.8%	58.6	58.5	-0.1	-0.2%
74.1%	58.5	58.4	-0.1	-0.2%
75.3%	58.5	58.4	-0.1	-0.2%
76.5%	58.5	58.3	-0.2	-0.3%
77.8%	58.5	58.3	-0.2	-0.3%
79.0%	58.3	58.2	-0.1	-0.2%
80.2%	58.2	58.2	0.0	0.0%
81.5%	58.2	58.1	-0.1	-0.2%
82.7%	58.2	58.0	-0.2	-0.3%
84.0%	58.1	58.0	-0.1	-0.2%
85.2%	58.1	58.0	-0.1	-0.2%
86.4%	58.0	58.0	0.0	0.0%
87.7%	58.0	57.9	-0.1	-0.2%
88.9%	58.0	57.9	-0.1	-0.2%
90.1%	58.0	57.9	-0.1	-0.2%
91.4%	57.9	57.8	-0.1	-0.2%
92.6%	57.6	57.7	0.1	0.2%
93.8%	57.6	57.6	0.0	0.0%
95.1%	57.5	57.6	0.1	0.2%
96.3%	57.5	57.5	0.0	0.0%
97.5%	57.4	57.3	-0.1	-0.2%
98.8%	57.3	57.2	-0.1	-0.2%
100.0%	57.3	57.2	-0.1	-0.2%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.3	60.5	0.2	0.3%
1.2%	60.3	60.3	0.0	0.0%
2.5%	60.1	60.3	0.2	0.3%
3.7%	59.9	59.8	-0.1	-0.2%
4.9%	59.7	59.8	0.1	0.2%
6.2%	59.4	59.4	0.0	0.0%
7.4%	59.3	59.3	0.0	0.0%
8.6%	59.2	59.3	0.1	0.2%
9.9%	59.1	59.0	-0.1	-0.2%
11.1%	59.0	59.0	0.0	0.0%
12.3%	59.0	58.9	-0.1	-0.2%
13.6%	58.9	58.8	-0.1	-0.2%
14.8%	58.6	58.6	0.0	0.0%
16.0%	58.6	58.6	0.0	0.0%
17.3%	58.5	58.5	0.0	0.0%
18.5%	58.5	58.5	0.0	0.0%
19.8%	58.4	58.4	0.0	0.0%
21.0%	58.3	58.3	0.0	0.0%
22.2%	58.1	58.3	0.2	0.3%
23.5%	58.0	58.1	0.1	0.2%
24.7%	57.9	58.0	0.1	0.2%
25.9%	57.9	58.0	0.1	0.2%
27.2%	57.9	58.0	0.1	0.2%
28.4%	57.7	58.0	0.3	0.5%
29.6%	57.7	57.7	0.0	0.0%
30.9%	57.6	57.7	0.1	0.2%
32.1%	57.5	57.7	0.2	0.3%
33.3%	57.4	57.6	0.2	0.3%
34.6%	57.4	57.5	0.1	0.2%
35.8%	57.3	57.5	0.2	0.3%
37.0%	57.3	57.3	0.0	0.0%
38.3%	57.1	57.2	0.1	0.2%
39.5%	57.1	57.2	0.1	0.2%
40.7%	57.0	57.2	0.2	0.4%
42.0%	57.0	57.1	0.1	0.2%
43.2%	57.0	57.1	0.1	0.2%
44.4%	57.0	57.1	0.1	0.2%
45.7%	56.7	57.1	0.4	0.7%
46.9%	56.7	56.8	0.1	0.2%
48.1%	56.6	56.7	0.1	0.2%
49.4%	56.5	56.6	0.1	0.2%
50.6%	56.5	56.6	0.1	0.2%
51.9%	56.5	56.4	-0.1	-0.2%
53.1%	56.4	56.4	0.0	0.0%
54.3%	56.3	56.4	0.1	0.2%
55.6%	56.2	56.4	0.2	0.4%
56.8%	56.1	56.3	0.2	0.4%
58.0%	56.1	56.3	0.2	0.4%
59.3%	56.0	56.2	0.2	0.4%
60.5%	56.0	56.2	0.2	0.4%
61.7%	55.9	56.1	0.2	0.4%
63.0%	55.9	56.1	0.2	0.4%
64.2%	55.9	56.0	0.1	0.2%
65.4%	55.8	55.9	0.1	0.2%
66.7%	55.8	55.9	0.1	0.2%
67.9%	55.8	55.8	0.0	0.0%
69.1%	55.7	55.8	0.1	0.2%
70.4%	55.6	55.7	0.1	0.2%
71.6%	55.6	55.7	0.1	0.2%
72.8%	55.5	55.7	0.2	0.4%
74.1%	55.4	55.6	0.2	0.4%
75.3%	55.4	55.5	0.1	0.2%
76.5%	55.2	55.3	0.1	0.2%
77.8%	55.2	55.2	0.0	0.0%
79.0%	55.1	55.1	0.0	0.0%
80.2%	55.0	55.0	0.0	0.0%
81.5%	54.8	54.8	0.0	0.0%
82.7%	54.8	54.8	0.0	0.0%
84.0%	54.7	54.8	0.1	0.2%
85.2%	54.6	54.7	0.1	0.2%
86.4%	54.5	54.6	0.1	0.2%
87.7%	54.4	54.6	0.2	0.4%
88.9%	54.3	54.5	0.2	0.4%
90.1%	54.1	54.4	0.3	0.6%
91.4%	54.1	54.1	0.0	0.0%
92.6%	53.9	54.0	0.1	0.2%
93.8%	53.8	53.9	0.1	0.2%
95.1%	52.8	53.7	0.9	1.7%
96.3%	52.6	52.6	0.0	0.0%
97.5%	52.6	52.5	-0.1	-0.2%
98.8%	52.5	51.9	-0.6	-1.1%
100.0%	52.5	51.9	-0.6	-1.1%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.6	54.6	0.0	0.0%
1.2%	53.8	53.8	0.0	0.0%
2.5%	52.0	52.8	0.8	1.5%
3.7%	51.9	51.9	0.0	0.0%
4.9%	51.8	51.8	0.0	0.0%
6.2%	51.6	51.8	0.2	0.4%
7.4%	51.6	51.8	0.2	0.4%
8.6%	51.5	51.6	0.1	0.2%
9.9%	51.4	51.4	0.0	0.0%
11.1%	51.3	51.3	0.0	0.0%
12.3%	51.2	51.1	-0.1	-0.2%
13.6%	51.1	50.9	-0.2	-0.4%
14.8%	51.1	50.9	-0.2	-0.4%
16.0%	50.8	50.7	-0.1	-0.2%
17.3%	50.7	50.6	-0.1	-0.2%
18.5%	50.6	50.6	0.0	0.0%
19.8%	50.6	50.6	0.0	0.0%
21.0%	50.5	50.5	0.0	0.0%
22.2%	50.5	50.5	0.0	0.0%
23.5%	50.5	50.5	0.0	0.0%
24.7%	50.5	50.4	-0.1	-0.2%
25.9%	50.4	50.4	0.0	0.0%
27.2%	50.3	50.4	0.1	0.2%
28.4%	50.3	50.3	0.0	0.0%
29.6%	50.1	50.1	0.0	0.0%
30.9%	50.1	50.1	0.0	0.0%
32.1%	49.8	50.1	0.3	0.6%
33.3%	49.8	49.9	0.1	0.2%
34.6%	49.8	49.8	0.0	0.0%
35.8%	49.8	49.7	-0.1	-0.2%
37.0%	49.7	49.7	0.0	0.0%
38.3%	49.5	49.7	0.2	0.4%
39.5%	49.5	49.7	0.2	0.4%
40.7%	49.5	49.6	0.1	0.2%
42.0%	49.4	49.5	0.1	0.2%
43.2%	49.3	49.5	0.2	0.4%
44.4%	49.2	49.4	0.2	0.4%
45.7%	49.2	49.3	0.1	0.2%
46.9%	49.2	49.3	0.1	0.2%
48.1%	49.2	49.3	0.1	0.2%
49.4%	49.2	49.2	0.0	0.0%
50.6%	49.1	49.2	0.1	0.2%
51.9%	49.1	49.2	0.1	0.2%
53.1%	49.0	49.2	0.2	0.4%
54.3%	49.0	49.2	0.2	0.4%
55.6%	48.9	49.2	0.3	0.6%
56.8%	48.9	49.1	0.2	0.4%
58.0%	48.9	49.1	0.2	0.4%
59.3%	48.8	49.1	0.3	0.6%
60.5%	48.7	49.0	0.3	0.6%
61.7%	48.7	48.9	0.2	0.4%
63.0%	48.6	48.8	0.2	0.4%
64.2%	48.6	48.7	0.1	0.2%
65.4%	48.5	48.7	0.2	0.4%
66.7%	48.5	48.6	0.1	0.2%
67.9%	48.5	48.6	0.1	0.2%
69.1%	48.5	48.5	0.0	0.0%
70.4%	48.4	48.4	0.0	0.0%
71.6%	48.4	48.4	0.0	0.0%
72.8%	48.4	48.3	-0.1	-0.2%
74.1%	48.0	48.0	0.0	0.0%
75.3%	48.0	48.0	0.0	0.0%
76.5%	47.7	47.9	0.2	0.4%
77.8%	47.6	47.7	0.1	0.2%
79.0%	47.5	47.7	0.2	0.4%
80.2%	47.5	47.6	0.1	0.2%
81.5%	47.5	47.5	0.0	0.0%
82.7%	47.4	47.5	0.1	0.2%
84.0%	47.2	47.4	0.2	0.4%
85.2%	47.1	47.4	0.3	0.6%
86.4%	46.9	47.0	0.1	0.2%
87.7%	46.3	46.9	0.6	1.3%
88.9%	46.2	46.7	0.5	1.1%
90.1%	46.1	46.3	0.2	0.4%
91.4%	46.0	46.1	0.1	0.2%
92.6%	45.8	46.0	0.2	0.4%
93.8%	45.6	46.0	0.4	0.9%
95.1%	45.6	45.9	0.3	0.7%
96.3%	45.5	45.3	-0.2	-0.4%
97.5%	45.4	45.3	-0.1	-0.2%
98.8%	44.8	44.8	0.0	0.0%
100.0%	44.8	44.8	0.0	0.0%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.6	50.5	-0.1	-0.2%
1.2%	49.4	49.4	0.0	0.0%
2.5%	49.2	49.2	0.0	0.0%
3.7%	49.2	49.2	0.0	0.0%
4.9%	48.8	48.9	0.1	0.2%
6.2%	48.5	48.5	0.0	0.0%
7.4%	48.4	48.5	0.1	0.2%
8.6%	48.4	48.4	0.0	0.0%
9.9%	48.3	48.3	0.0	0.0%
11.1%	48.1	48.1	0.0	0.0%
12.3%	48.1	48.1	0.0	0.0%
13.6%	48.0	48.0	0.0	0.0%
14.8%	48.0	47.9	-0.1	-0.2%
16.0%	47.9	47.9	0.0	0.0%
17.3%	47.7	47.9	0.2	0.4%
18.5%	47.7	47.7	0.0	0.0%
19.8%	47.7	47.7	0.0	0.0%
21.0%	47.6	47.7	0.1	0.2%
22.2%	47.6	47.7	0.1	0.2%
23.5%	47.6	47.6	0.0	0.0%
24.7%	47.5	47.6	0.1	0.2%
25.9%	47.5	47.6	0.1	0.2%
27.2%	47.5	47.4	-0.1	-0.2%
28.4%	47.4	47.4	0.0	0.0%
29.6%	47.3	47.3	0.0	0.0%
30.9%	47.3	47.3	0.0	0.0%
32.1%	47.2	47.3	0.1	0.2%
33.3%	47.0	47.0	0.0	0.0%
34.6%	46.9	47.0	0.1	0.2%
35.8%	46.8	46.9	0.1	0.2%
37.0%	46.8	46.8	0.0	0.0%
38.3%	46.8	46.8	0.0	0.0%
39.5%	46.8	46.8	0.0	0.0%
40.7%	46.8	46.7	-0.1	-0.2%
42.0%	46.7	46.7	0.0	0.0%
43.2%	46.7	46.7	0.0	0.0%
44.4%	46.5	46.5	0.0	0.0%
45.7%	46.5	46.4	-0.1	-0.2%
46.9%	46.5	46.3	-0.2	-0.4%
48.1%	46.3	46.3	0.0	0.0%
49.4%	46.2	46.2	0.0	0.0%
50.6%	46.2	46.2	0.0	0.0%
51.9%	46.2	46.2	0.0	0.0%
53.1%	46.2	46.2	0.0	0.0%
54.3%	46.2	46.1	-0.1	-0.2%
55.6%	46.1	45.9	-0.2	-0.4%
56.8%	45.9	45.9	0.0	0.0%
58.0%	45.9	45.8	-0.1	-0.2%
59.3%	45.8	45.8	0.0	0.0%
60.5%	45.7	45.7	0.0	0.0%
61.7%	45.7	45.6	-0.1	-0.2%
63.0%	45.6	45.6	0.0	0.0%
64.2%	45.6	45.5	-0.1	-0.2%
65.4%	45.4	45.4	0.0	0.0%
66.7%	45.4	45.4	0.0	0.0%
67.9%	45.3	45.3	0.0	0.0%
69.1%	45.3	45.3	0.0	0.0%
70.4%	45.3	45.3	0.0	0.0%
71.6%	45.3	45.3	0.0	0.0%
72.8%	45.2	45.2	0.0	0.0%
74.1%	45.1	45.2	0.1	0.2%
75.3%	45.0	45.1	0.1	0.2%
76.5%	45.0	45.0	0.0	0.0%
77.8%	44.9	45.0	0.1	0.2%
79.0%	44.8	44.9	0.1	0.2%
80.2%	44.8	44.8	0.0	0.0%
81.5%	44.7	44.8	0.1	0.2%
82.7%	44.7	44.7	0.0	0.0%
84.0%	44.7	44.7	0.0	0.0%
85.2%	44.4	44.7	0.3	0.7%
86.4%	44.4	44.6	0.2	0.5%
87.7%	44.4	44.6	0.2	0.5%
88.9%	44.2	44.5	0.3	0.7%
90.1%	44.1	44.1	0.0	0.0%
91.4%	43.6	43.8	0.2	0.5%
92.6%	43.5	43.7	0.2	0.5%
93.8%	43.2	43.4	0.2	0.5%
95.1%	43.2	43.3	0.1	0.2%
96.3%	43.0	43.0	0.0	0.0%
97.5%	42.3	42.3	0.0	0.0%
98.8%	41.8	41.8	0.0	0.0%
100.0%	41.8	41.8	0.0	0.0%

Table SQ-19-5b

American River at Watt Avenue, Monthly Temperature
Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.6	53.8	0.2	0.4%
1.2%	53.1	53.3	0.2	0.4%
2.5%	52.9	52.9	0.0	0.0%
3.7%	52.7	52.8	0.1	0.2%
4.9%	52.6	52.6	0.0	0.0%
6.2%	52.3	52.0	-0.3	-0.6%
7.4%	52.0	51.8	-0.2	-0.4%
8.6%	51.8	51.6	-0.2	-0.4%
9.9%	51.7	51.5	-0.2	-0.4%
11.1%	51.6	51.5	-0.1	-0.2%
12.3%	51.3	51.5	0.2	0.4%
13.6%	51.2	51.1	-0.1	-0.2%
14.8%	50.9	51.1	0.2	0.4%
16.0%	50.7	50.7	0.0	0.0%
17.3%	50.5	50.6	0.1	0.2%
18.5%	50.3	50.5	0.2	0.4%
19.8%	50.1	50.1	0.0	0.0%
21.0%	50.1	50.0	-0.1	-0.2%
22.2%	50.0	50.0	0.0	0.0%
23.5%	49.9	50.0	0.1	0.2%
24.7%	49.9	49.8	-0.1	-0.2%
25.9%	49.8	49.7	-0.1	-0.2%
27.2%	49.7	49.7	0.0	0.0%
28.4%	49.6	49.7	0.1	0.2%
29.6%	49.6	49.6	0.0	0.0%
30.9%	49.5	49.3	-0.2	-0.4%
32.1%	49.3	49.2	-0.1	-0.2%
33.3%	49.2	49.1	-0.1	-0.2%
34.6%	49.2	49.1	-0.1	-0.2%
35.8%	49.1	49.0	-0.1	-0.2%
37.0%	49.0	49.0	0.0	0.0%
38.3%	49.0	48.9	-0.1	-0.2%
39.5%	49.0	48.9	-0.1	-0.2%
40.7%	48.9	48.9	0.0	0.0%
42.0%	48.9	48.7	-0.2	-0.4%
43.2%	48.8	48.7	-0.1	-0.2%
44.4%	48.7	48.7	0.0	0.0%
45.7%	48.7	48.6	-0.1	-0.2%
46.9%	48.6	48.6	0.0	0.0%
48.1%	48.5	48.6	0.1	0.2%
49.4%	48.4	48.5	0.1	0.2%
50.6%	48.4	48.4	0.0	0.0%
51.9%	48.3	48.3	0.0	0.0%
53.1%	48.2	48.2	0.0	0.0%
54.3%	48.2	48.1	-0.1	-0.2%
55.6%	48.1	48.1	0.0	0.0%
56.8%	48.1	48.1	0.0	0.0%
58.0%	48.1	48.0	-0.1	-0.2%
59.3%	48.0	48.0	0.0	0.0%
60.5%	48.0	48.0	0.0	0.0%
61.7%	48.0	48.0	0.0	0.0%
63.0%	48.0	47.9	-0.1	-0.2%
64.2%	48.0	47.9	-0.1	-0.2%
65.4%	47.9	47.8	-0.1	-0.2%
66.7%	47.8	47.8	0.0	0.0%
67.9%	47.8	47.8	0.0	0.0%
69.1%	47.8	47.8	0.0	0.0%
70.4%	47.8	47.7	-0.1	-0.2%
71.6%	47.7	47.6	-0.1	-0.2%
72.8%	47.6	47.6	0.0	0.0%
74.1%	47.6	47.6	0.0	0.0%
75.3%	47.6	47.5	-0.1	-0.2%
76.5%	47.5	47.4	-0.1	-0.2%
77.8%	47.4	47.4	0.0	0.0%
79.0%	47.4	47.4	0.0	0.0%
80.2%	47.3	47.3	0.0	0.0%
81.5%	47.3	47.3	0.0	0.0%
82.7%	47.3	47.3	0.0	0.0%
84.0%	47.3	47.1	-0.2	-0.4%
85.2%	47.1	47.1	0.0	0.0%
86.4%	46.8	46.8	0.0	0.0%
87.7%	46.8	46.7	-0.1	-0.2%
88.9%	46.6	46.5	-0.1	-0.2%
90.1%	46.5	46.5	0.0	0.0%
91.4%	46.5	46.2	-0.3	-0.6%
92.6%	46.2	46.2	0.0	0.0%
93.8%	46.0	45.9	-0.1	-0.2%
95.1%	45.8	45.9	0.1	0.2%
96.3%	45.7	45.7	0.0	0.0%
97.5%	45.6	45.6	0.0	0.0%
98.8%	44.7	44.7	0.0	0.0%
100.0%	44.7	44.7	0.0	0.0%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.9	58.8	-1.1	-1.8%
1.2%	58.6	58.5	-0.1	-0.2%
2.5%	58.2	58.5	0.3	0.5%
3.7%	58.0	58.2	0.2	0.3%
4.9%	57.9	58.1	0.2	0.3%
6.2%	57.8	58.0	0.2	0.3%
7.4%	57.8	57.8	0.0	0.0%
8.6%	56.9	57.1	0.2	0.4%
9.9%	56.7	56.6	-0.1	-0.2%
11.1%	56.6	56.5	-0.1	-0.2%
12.3%	56.3	56.3	0.0	0.0%
13.6%	55.8	55.8	0.0	0.0%
14.8%	55.7	55.7	0.0	0.0%
16.0%	55.7	55.3	-0.4	-0.7%
17.3%	55.3	55.3	0.0	0.0%
18.5%	55.2	55.2	0.0	0.0%
19.8%	55.2	55.1	-0.1	-0.2%
21.0%	55.1	55.1	0.0	0.0%
22.2%	55.0	55.1	0.1	0.2%
23.5%	54.9	55.1	0.2	0.4%
24.7%	54.9	54.9	0.0	0.0%
25.9%	54.8	54.8	0.0	0.0%
27.2%	54.7	54.8	0.1	0.2%
28.4%	54.5	54.7	0.2	0.4%
29.6%	54.5	54.5	0.0	0.0%
30.9%	54.5	54.5	0.0	0.0%
32.1%	54.4	54.5	0.1	0.2%
33.3%	54.4	54.4	0.0	0.0%
34.6%	54.4	54.4	0.0	0.0%
35.8%	54.2	54.3	0.1	0.2%
37.0%	54.2	54.1	-0.1	-0.2%
38.3%	54.2	54.1	-0.1	-0.2%
39.5%	54.1	54.1	0.0	0.0%
40.7%	54.1	54.0	-0.1	-0.2%
42.0%	53.9	53.9	0.0	0.0%
43.2%	53.8	53.9	0.1	0.2%
44.4%	53.7	53.8	0.1	0.2%
45.7%	53.6	53.8	0.2	0.4%
46.9%	53.6	53.7	0.1	0.2%
48.1%	53.4	53.6	0.2	0.4%
49.4%	53.4	53.4	0.0	0.0%
50.6%	53.3	53.4	0.1	0.2%
51.9%	53.3	53.3	0.0	0.0%
53.1%	53.2	53.3	0.1	0.2%
54.3%	53.1	53.2	0.1	0.2%
55.6%	53.1	53.1	0.0	0.0%
56.8%	52.9	52.9	0.0	0.0%
58.0%	52.7	52.8	0.1	0.2%
59.3%	52.6	52.6	0.0	0.0%
60.5%	52.5	52.6	0.1	0.2%
61.7%	52.4	52.4	0.0	0.0%
63.0%	52.4	52.4	0.0	0.0%
64.2%	52.4	52.4	0.0	0.0%
65.4%	52.3	52.3	0.0	0.0%
66.7%	52.3	52.3	0.0	0.0%
67.9%	52.3	52.3	0.0	0.0%
69.1%	52.2	52.2	0.0	0.0%
70.4%	52.1	52.1	0.0	0.0%
71.6%	52.0	52.0	0.0	0.0%
72.8%	51.9	51.9	0.0	0.0%
74.1%	51.7	51.7	0.0	0.0%
75.3%	51.7	51.7	0.0	0.0%
76.5%	51.7	51.7	0.0	0.0%
77.8%	51.6	51.6	0.0	0.0%
79.0%	51.6	51.6	0.0	0.0%
80.2%	51.6	51.6	0.0	0.0%
81.5%	51.5	51.5	0.0	0.0%
82.7%	51.5	51.5	0.0	0.0%
84.0%	51.5	51.5	0.0	0.0%
85.2%	51.4	51.4	0.0	0.0%
86.4%	51.3	51.3	0.0	0.0%
87.7%	51.3	51.3	0.0	0.0%
88.9%	51.3	51.3	0.0	0.0%
90.1%	51.1	51.1	0.0	0.0%
91.4%	51.1	51.1	0.0	0.0%
92.6%	51.1	51.1	0.0	0.0%
93.8%	50.8	50.8	0.0	0.0%
95.1%	50.8	50.7	-0.1	-0.2%
96.3%	50.6	50.6	0.0	0.0%
97.5%	50.4	50.4	0.0	0.0%
98.8%	50.3	50.3	0.0	0.0%
100.0%	50.3	50.3	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	64.5	64.6	0.1	0.2%
1.2%	64.2	64.3	0.1	0.2%
2.5%	64.1	64.1	0.0	0.0%
3.7%	64.0	64.0	0.0	0.0%
4.9%	63.7	63.3	-0.4	-0.6%
6.2%	62.8	63.1	0.3	0.5%
7.4%	62.7	62.8	0.1	0.2%
8.6%	62.3	62.1	-0.2	-0.3%
9.9%	62.0	62.0	0.0	0.0%
11.1%	62.0	61.9	-0.1	-0.2%
12.3%	61.7	61.6	-0.1	-0.2%
13.6%	61.6	61.6	0.0	0.0%
14.8%	61.6	61.0	-0.6	-1.0%
16.0%	61.4	60.9	-0.5	-0.8%
17.3%	61.2	60.9	-0.3	-0.5%
18.5%	61.0	60.9	-0.1	-0.2%
19.8%	60.8	60.7	-0.1	-0.2%
21.0%	60.7	60.6	-0.1	-0.2%
22.2%	60.7	60.6	-0.1	-0.2%
23.5%	60.6	60.6	0.0	0.0%
24.7%	60.5	60.6	0.1	0.2%
25.9%	60.5	60.5	0.0	0.0%
27.2%	60.2	60.4	0.2	0.3%
28.4%	60.1	60.2	0.1	0.2%
29.6%	59.8	60.0	0.2	0.3%
30.9%	59.6	59.8	0.2	0.3%
32.1%	59.4	59.4	0.0	0.0%
33.3%	59.3	59.3	0.0	0.0%
34.6%	59.2	59.2	0.0	0.0%
35.8%	59.2	59.2	0.0	0.0%
37.0%	59.0	59.0	0.0	0.0%
38.3%	59.0	58.8	-0.2	-0.3%
39.5%	58.8	58.8	0.0	0.0%
40.7%	58.8	58.7	-0.1	-0.2%
42.0%	58.7	58.7	0.0	0.0%
43.2%	58.5	58.4	-0.1	-0.2%
44.4%	58.4	58.4	0.0	0.0%
45.7%	58.4	58.4	0.0	0.0%
46.9%	58.4	58.4	0.0	0.0%
48.1%	58.3	58.3	0.0	0.0%
49.4%	58.3	58.3	0.0	0.0%
50.6%	58.3	58.3	0.0	0.0%
51.9%	58.3	58.2	-0.1	-0.2%
53.1%	58.0	57.9	-0.1	-0.2%
54.3%	57.9	57.7	-0.2	-0.3%
55.6%	57.7	57.7	0.0	0.0%
56.8%	57.6	57.6	0.0	0.0%
58.0%	57.6	57.6	0.0	0.0%
59.3%	57.5	57.5	0.0	0.0%
60.5%	57.4	57.4	0.0	0.0%
61.7%	57.3	57.3	0.0	0.0%
63.0%	57.3	57.3	0.0	0.0%
64.2%	57.2	57.1	-0.1	-0.2%
65.4%	56.8	57.1	0.3	0.5%
66.7%	56.8	56.8	0.0	0.0%
67.9%	56.7	56.5	-0.2	-0.4%
69.1%	56.4	56.3	-0.1	-0.2%
70.4%	56.3	56.2	-0.1	-0.2%
71.6%	56.2	56.2	0.0	0.0%
72.8%	56.2	56.2	0.0	0.0%
74.1%	56.1	56.1	0.0	0.0%
75.3%	56.1	56.1	0.0	0.0%
76.5%	56.0	56.0	0.0	0.0%
77.8%	56.0	56.0	0.0	0.0%
79.0%	55.8	55.9	0.1	0.2%
80.2%	55.6	55.7	0.1	0.2%
81.5%	55.5	55.6	0.1	0.2%
82.7%	55.4	55.5	0.1	0.2%
84.0%	55.3	55.4	0.1	0.2%
85.2%	55.2	55.3	0.1	0.2%
86.4%	55.2	55.2	0.0	0.0%
87.7%	55.1	55.2	0.1	0.2%
88.9%	55.1	55.1	0.0	0.0%
90.1%	55.0	55.1	0.1	0.2%
91.4%	55.0	55.0	0.0	0.0%
92.6%	54.7	54.8	0.1	0.2%
93.8%	54.6	54.6	0.0	0.0%
95.1%	54.3	54.3	0.0	0.0%
96.3%	54.1	54.1	0.0	0.0%
97.5%	53.9	53.9	0.0	0.0%
98.8%	52.3	52.3	0.0	0.0%
100.0%	52.3	52.3	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.5	73.4	-0.1	-0.1%
1.2%	70.9	70.9	0.0	0.0%
2.5%	69.9	70.1	0.2	0.3%
3.7%	69.8	69.8	0.0	0.0%
4.9%	68.3	68.3	0.0	0.0%
6.2%	67.9	67.8	-0.1	-0.1%
7.4%	67.9	67.6	-0.3	-0.4%
8.6%	67.3	67.3	0.0	0.0%
9.9%	67.3	66.7	-0.6	-0.9%
11.1%	67.1	66.5	-0.6	-0.9%
12.3%	66.9	66.4	-0.5	-0.7%
13.6%	66.4	66.4	0.0	0.0%
14.8%	66.4	66.2	-0.2	-0.3%
16.0%	66.3	65.6	-0.7	-1.1%
17.3%	65.6	65.6	0.0	0.0%
18.5%	65.6	65.6	0.0	0.0%
19.8%	65.6	65.6	0.0	0.0%
21.0%	65.6	65.4	-0.2	-0.3%
22.2%	65.5	65.2	-0.3	-0.5%
23.5%	65.4	65.2	-0.2	-0.3%
24.7%	65.2	65.2	0.0	0.0%
25.9%	65.1	65.0	-0.1	-0.2%
27.2%	65.0	64.9	-0.1	-0.2%
28.4%	65.0	64.8	-0.2	-0.3%
29.6%	65.0	64.7	-0.3	-0.5%
30.9%	64.9	64.5	-0.4	-0.6%
32.1%	64.8	64.5	-0.3	-0.5%
33.3%	64.7	64.5	-0.2	-0.3%
34.6%	64.5	64.4	-0.1	-0.2%
35.8%	64.4	64.4	0.0	0.0%
37.0%	63.8	63.6	-0.2	-0.3%
38.3%	63.7	63.6	-0.1	-0.2%
39.5%	63.6	63.4	-0.2	-0.3%
40.7%	63.4	63.4	0.0	0.0%
42.0%	63.2	63.2	0.0	0.0%
43.2%	63.2	63.0	-0.2	-0.3%
44.4%	63.0	63.0	0.0	0.0%
45.7%	63.0	62.9	-0.1	-0.2%
46.9%	63.0	62.8	-0.2	-0.3%
48.1%	62.9	62.7	-0.2	-0.3%
49.4%	62.6	62.6	0.0	0.0%
50.6%	62.1	62.2	0.1	0.2%
51.9%	62.0	62.0	0.0	0.0%
53.1%	61.9	61.9	0.0	0.0%
54.3%	61.9	61.9	0.0	0.0%
55.6%	61.8	61.8	0.0	0.0%
56.8%	61.8	61.8	0.0	0.0%
58.0%	61.6	61.7	0.1	0.2%
59.3%	61.5	61.7	0.2	0.3%
60.5%	61.4	61.4	0.0	0.0%
61.7%	61.3	61.3	0.0	0.0%
63.0%	61.3	61.3	0.0	0.0%
64.2%	61.2	61.2	0.0	0.0%
65.4%	61.2	61.2	0.0	0.0%
66.7%	61.1	61.1	0.0	0.0%
67.9%	61.0	61.0	0.0	0.0%
69.1%	60.7	60.7	0.0	0.0%
70.4%	60.7	60.7	0.0	0.0%
71.6%	60.6	60.6	0.0	0.0%
72.8%	60.6	60.6	0.0	0.0%
74.1%	60.5	60.4	-0.1	-0.2%
75.3%	60.4	60.4	0.0	0.0%
76.5%	60.4	60.4	0.0	0.0%
77.8%	60.3	60.3	0.0	0.0%
79.0%	60.1	60.2	0.1	0.2%
80.2%	60.1	60.1	0.0	0.0%
81.5%	59.8	59.8	0.0	0.0%
82.7%	59.7	59.7	0.0	0.0%
84.0%	59.7	59.7	0.0	0.0%
85.2%	59.7	59.7	0.0	0.0%
86.4%	59.5	59.5	0.0	0.0%
87.7%	59.3	59.3	0.0	0.0%
88.9%	59.3	59.3	0.0	0.0%
90.1%	59.2	59.2	0.0	0.0%
91.4%	59.1	59.1	0.0	0.0%
92.6%	59.0	59.0	0.0	0.0%
93.8%	58.8	58.8	0.0	0.0%
95.1%	58.7	58.7	0.0	0.0%
96.3%	58.6	58.6	0.0	0.0%
97.5%	58.5	58.5	0.0	0.0%
98.8%	58.2	58.2	0.0	0.0%
100.0%	58.2	58.2	0.0	0.0%

Table SQ-19-5b

American River at Watt Avenue, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.7	72.8	-0.9	-1.2%
1.2%	73.0	72.6	-0.4	-0.5%
2.5%	73.0	72.4	-0.6	-0.8%
3.7%	72.8	72.3	-0.5	-0.7%
4.9%	72.1	72.3	0.2	0.3%
6.2%	72.1	72.1	0.0	0.0%
7.4%	72.0	71.5	-0.5	-0.7%
8.6%	72.0	71.5	-0.5	-0.7%
9.9%	71.9	71.3	-0.6	-0.8%
11.1%	71.6	71.2	-0.4	-0.6%
12.3%	71.3	71.2	-0.1	-0.1%
13.6%	71.3	71.1	-0.2	-0.3%
14.8%	71.0	71.0	0.0	0.0%
16.0%	71.0	70.9	-0.1	-0.1%
17.3%	70.8	70.9	0.1	0.1%
18.5%	70.7	70.9	0.2	0.3%
19.8%	70.6	70.6	0.0	0.0%
21.0%	70.5	70.5	0.0	0.0%
22.2%	69.7	70.5	0.8	1.1%
23.5%	69.5	69.4	-0.1	-0.1%
24.7%	69.3	69.4	0.1	0.1%
25.9%	69.2	69.4	0.2	0.3%
27.2%	69.2	69.4	0.2	0.3%
28.4%	69.1	69.2	0.1	0.1%
29.6%	68.9	69.0	0.1	0.1%
30.9%	68.7	69.0	0.3	0.4%
32.1%	68.7	69.0	0.3	0.4%
33.3%	68.6	68.6	0.0	0.0%
34.6%	68.5	68.4	-0.1	-0.1%
35.8%	68.4	68.3	-0.1	-0.1%
37.0%	68.0	68.1	0.1	0.1%
38.3%	67.9	68.0	0.1	0.1%
39.5%	67.9	67.9	0.0	0.0%
40.7%	67.8	67.8	0.0	0.0%
42.0%	67.8	67.8	0.0	0.0%
43.2%	67.6	67.7	0.1	0.1%
44.4%	67.6	67.6	0.0	0.0%
45.7%	67.2	67.6	0.4	0.6%
46.9%	67.1	67.6	0.5	0.7%
48.1%	67.1	67.4	0.3	0.4%
49.4%	67.0	67.2	0.2	0.3%
50.6%	66.9	67.2	0.3	0.4%
51.9%	66.8	67.1	0.3	0.4%
53.1%	66.8	67.0	0.2	0.3%
54.3%	66.8	67.0	0.2	0.3%
55.6%	66.7	66.8	0.1	0.1%
56.8%	66.4	66.8	0.4	0.6%
58.0%	66.3	66.7	0.4	0.6%
59.3%	66.2	66.3	0.1	0.2%
60.5%	66.2	66.3	0.1	0.2%
61.7%	66.2	66.3	0.1	0.2%
63.0%	65.8	65.8	0.0	0.0%
64.2%	65.8	65.8	0.0	0.0%
65.4%	65.7	65.7	0.0	0.0%
66.7%	65.6	65.5	-0.1	-0.2%
67.9%	65.4	65.4	0.0	0.0%
69.1%	65.3	65.3	0.0	0.0%
70.4%	65.3	65.3	0.0	0.0%
71.6%	65.1	65.1	0.0	0.0%
72.8%	65.1	65.1	0.0	0.0%
74.1%	65.0	65.0	0.0	0.0%
75.3%	64.9	64.9	0.0	0.0%
76.5%	64.7	64.7	0.0	0.0%
77.8%	64.7	64.7	0.0	0.0%
79.0%	64.7	64.7	0.0	0.0%
80.2%	64.3	64.3	0.0	0.0%
81.5%	64.2	64.2	0.0	0.0%
82.7%	63.9	63.9	0.0	0.0%
84.0%	63.9	63.9	0.0	0.0%
85.2%	63.8	63.8	0.0	0.0%
86.4%	63.8	63.8	0.0	0.0%
87.7%	63.7	63.7	0.0	0.0%
88.9%	63.7	63.7	0.0	0.0%
90.1%	63.7	63.7	0.0	0.0%
91.4%	63.7	63.7	0.0	0.0%
92.6%	63.5	63.5	0.0	0.0%
93.8%	63.3	63.3	0.0	0.0%
95.1%	63.3	63.3	0.0	0.0%
96.3%	63.2	63.2	0.0	0.0%
97.5%	62.9	62.9	0.0	0.0%
98.8%	62.7	62.7	0.0	0.0%
100.0%	62.7	62.7	0.0	0.0%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	77.0	77.0	0.0	0.0%
1.2%	76.7	74.7	-2.0	-2.6%
2.5%	74.7	74.7	0.0	0.0%
3.7%	74.2	74.2	0.0	0.0%
4.9%	73.4	73.1	-0.3	-0.4%
6.2%	73.0	72.6	-0.4	-0.5%
7.4%	71.9	72.2	0.3	0.4%
8.6%	71.5	72.0	0.5	0.7%
9.9%	71.2	71.1	-0.1	-0.1%
11.1%	71.1	71.0	-0.1	-0.1%
12.3%	71.0	71.0	0.0	0.0%
13.6%	70.8	70.9	0.1	0.1%
14.8%	70.8	70.8	0.0	0.0%
16.0%	70.7	70.8	0.1	0.1%
17.3%	70.5	70.7	0.2	0.3%
18.5%	70.5	70.7	0.2	0.3%
19.8%	70.4	70.5	0.1	0.1%
21.0%	70.0	70.1	0.1	0.1%
22.2%	69.9	70.1	0.2	0.3%
23.5%	69.7	70.0	0.3	0.4%
24.7%	69.6	70.0	0.4	0.6%
25.9%	69.6	70.0	0.4	0.6%
27.2%	69.6	70.0	0.4	0.6%
28.4%	69.5	69.9	0.4	0.6%
29.6%	69.3	69.8	0.5	0.7%
30.9%	69.3	69.8	0.5	0.7%
32.1%	69.2	69.7	0.5	0.7%
33.3%	69.2	69.6	0.4	0.6%
34.6%	69.2	69.6	0.4	0.6%
35.8%	69.0	69.5	0.5	0.7%
37.0%	68.9	69.5	0.6	0.9%
38.3%	68.9	69.4	0.5	0.7%
39.5%	68.9	69.3	0.4	0.6%
40.7%	68.7	69.2	0.5	0.7%
42.0%	68.7	69.1	0.4	0.6%
43.2%	68.6	69.1	0.5	0.7%
44.4%	68.6	69.1	0.5	0.7%
45.7%	68.6	69.0	0.4	0.6%
46.9%	68.4	68.9	0.5	0.7%
48.1%	68.4	68.9	0.5	0.7%
49.4%	68.4	68.9	0.5	0.7%
50.6%	68.3	68.7	0.4	0.6%
51.9%	68.0	68.6	0.6	0.9%
53.1%	68.0	68.6	0.6	0.9%
54.3%	68.0	68.5	0.5	0.7%
55.6%	68.0	68.5	0.5	0.7%
56.8%	68.0	68.4	0.4	0.6%
58.0%	68.0	68.4	0.4	0.6%
59.3%	68.0	68.2	0.2	0.3%
60.5%	68.0	68.2	0.2	0.3%
61.7%	68.0	68.0	0.0	0.0%
63.0%	67.9	68.0	0.1	0.1%
64.2%	67.8	67.9	0.1	0.1%
65.4%	67.8	67.9	0.1	0.1%
66.7%	67.7	67.8	0.1	0.1%
67.9%	67.7	67.8	0.1	0.1%
69.1%	67.7	67.8	0.1	0.1%
70.4%	67.7	67.7	0.0	0.0%
71.6%	67.5	67.6	0.1	0.1%
72.8%	67.5	67.5	0.0	0.0%
74.1%	67.5	67.5	0.0	0.0%
75.3%	67.5	67.5	0.0	0.0%
76.5%	67.5	67.4	-0.1	-0.1%
77.8%	67.5	67.4	-0.1	-0.1%
79.0%	67.4	67.4	0.0	0.0%
80.2%	67.4	67.3	-0.1	-0.1%
81.5%	67.4	67.3	-0.1	-0.1%
82.7%	67.4	67.3	-0.1	-0.1%
84.0%	67.3	67.2	-0.1	-0.1%
85.2%	67.2	67.2	0.0	0.0%
86.4%	67.2	67.1	-0.1	-0.1%
87.7%	67.2	67.1	-0.1	-0.1%
88.9%	67.2	67.1	-0.1	-0.1%
90.1%	67.1	67.1	0.0	0.0%
91.4%	67.1	67.0	-0.1	-0.1%
92.6%	67.0	67.0	0.0	0.0%
93.8%	67.0	66.9	-0.1	-0.1%
95.1%	67.0	66.9	-0.1	-0.1%
96.3%	67.0	66.9	-0.1	-0.1%
97.5%	67.0	66.8	-0.2	-0.3%
98.8%	66.4	66.2	-0.2	-0.3%
100.0%	66.4	66.2	-0.2	-0.3%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	74.9	74.7	-0.2	-0.3%
1.2%	73.9	73.9	0.0	0.0%
2.5%	73.7	72.9	-0.8	-1.1%
3.7%	73.4	72.9	-0.5	-0.7%
4.9%	73.3	72.7	-0.6	-0.8%
6.2%	73.2	72.4	-0.8	-1.1%
7.4%	73.0	72.1	-0.9	-1.2%
8.6%	72.9	72.1	-0.8	-1.1%
9.9%	72.5	71.8	-0.7	-1.0%
11.1%	72.4	71.5	-0.9	-1.2%
12.3%	71.8	71.5	-0.3	-0.4%
13.6%	71.7	71.4	-0.3	-0.4%
14.8%	71.6	71.4	-0.2	-0.3%
16.0%	71.4	71.4	0.0	0.0%
17.3%	71.4	71.4	0.0	0.0%
18.5%	71.3	71.1	-0.2	-0.3%
19.8%	71.2	70.7	-0.5	-0.7%
21.0%	71.2	70.7	-0.5	-0.7%
22.2%	71.2	70.7	-0.5	-0.7%
23.5%	71.0	70.6	-0.4	-0.6%
24.7%	71.0	70.4	-0.6	-0.8%
25.9%	70.8	70.4	-0.4	-0.6%
27.2%	70.7	70.3	-0.4	-0.6%
28.4%	70.6	70.1	-0.5	-0.7%
29.6%	70.6	70.1	-0.5	-0.7%
30.9%	70.6	70.0	-0.6	-0.8%
32.1%	70.6	70.0	-0.6	-0.8%
33.3%	70.5	69.9	-0.6	-0.9%
34.6%	70.5	69.9	-0.6	-0.9%
35.8%	70.3	69.8	-0.5	-0.7%
37.0%	70.1	69.7	-0.4	-0.6%
38.3%	70.1	69.7	-0.4	-0.6%
39.5%	69.8	69.5	-0.3	-0.4%
40.7%	69.6	69.4	-0.2	-0.3%
42.0%	69.5	69.4	-0.1	-0.1%
43.2%	69.2	69.3	0.1	0.1%
44.4%	69.2	69.3	0.1	0.1%
45.7%	69.1	69.1	0.0	0.0%
46.9%	69.1	69.1	0.0	0.0%
48.1%	69.0	69.1	0.1	0.1%
49.4%	69.0	69.1	0.1	0.1%
50.6%	69.0	69.0	0.0	0.0%
51.9%	69.0	69.0	0.0	0.0%
53.1%	68.8	69.0	0.2	0.3%
54.3%	68.8	69.0	0.2	0.3%
55.6%	68.8	68.8	0.0	0.0%
56.8%	68.8	68.8	0.0	0.0%
58.0%	68.7	68.7	0.0	0.0%
59.3%	68.7	68.7	0.0	0.0%
60.5%	68.7	68.6	-0.1	-0.1%
61.7%	68.7	68.6	-0.1	-0.1%
63.0%	68.6	68.6	0.0	0.0%
64.2%	68.6	68.6	0.0	0.0%
65.4%	68.6	68.5	-0.1	-0.1%
66.7%	68.6	68.5	-0.1	-0.1%
67.9%	68.5	68.5	0.0	0.0%
69.1%	68.5	68.4	-0.1	-0.1%
70.4%	68.2	68.3	0.1	0.1%
71.6%	68.1	68.3	0.2	0.3%
72.8%	68.0	68.3	0.3	0.4%
74.1%	68.0	68.2	0.2	0.3%
75.3%	67.9	67.9	0.0	0.0%
76.5%	67.9	67.9	0.0	0.0%
77.8%	67.9	67.9	0.0	0.0%
79.0%	67.9	67.8	-0.1	-0.1%
80.2%	67.8	67.8	0.0	0.0%
81.5%	67.7	67.8	0.1	0.1%
82.7%	67.6	67.7	0.1	0.1%
84.0%	67.6	67.6	0.0	0.0%
85.2%	67.5	67.5	0.0	0.0%
86.4%	67.5	67.5	0.0	0.0%
87.7%	67.4	67.5	0.1	0.1%
88.9%	67.4	67.4	0.0	0.0%
90.1%	67.3	67.4	0.1	0.1%
91.4%	67.3	67.3	0.0	0.0%
92.6%	67.2	67.2	0.0	0.0%
93.8%	67.2	67.2	0.0	0.0%
95.1%	67.1	67.1	0.0	0.0%
96.3%	66.9	66.9	0.0	0.0%
97.5%	66.8	66.8	0.0	0.0%
98.8%	66.6	66.8	0.2	0.3%
100.0%	66.6	66.8	0.2	0.3%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	71.4	70.6	-0.8	-1.1%
1.2%	70.6	70.1	-0.5	-0.7%
2.5%	70.5	69.6	-0.9	-1.3%
3.7%	69.9	69.6	-0.3	-0.4%
4.9%	69.9	69.4	-0.5	-0.7%
6.2%	69.5	69.3	-0.2	-0.3%
7.4%	69.5	69.3	-0.2	-0.3%
8.6%	69.3	69.2	-0.1	-0.1%
9.9%	69.3	69.1	-0.2	-0.3%
11.1%	69.2	69.1	-0.1	-0.1%
12.3%	69.0	68.8	-0.2	-0.3%
13.6%	68.9	68.8	-0.1	-0.1%
14.8%	68.8	68.8	0.0	0.0%
16.0%	68.8	68.5	-0.3	-0.4%
17.3%	68.7	68.5	-0.2	-0.3%
18.5%	68.5	68.5	0.0	0.0%
19.8%	68.5	68.4	-0.1	-0.1%
21.0%	68.4	68.4	0.0	0.0%
22.2%	68.4	68.2	-0.2	-0.3%
23.5%	68.4	68.2	-0.2	-0.3%
24.7%	68.3	68.1	-0.2	-0.3%
25.9%	68.2	68.0	-0.2	-0.3%
27.2%	68.2	67.9	-0.3	-0.4%
28.4%	68.1	67.9	-0.2	-0.3%
29.6%	68.0	67.9	-0.1	-0.1%
30.9%	67.9	67.9	0.0	0.0%
32.1%	67.9	67.8	-0.1	-0.1%
33.3%	67.8	67.8	0.0	0.0%
34.6%	67.8	67.6	-0.2	-0.3%
35.8%	67.8	67.5	-0.3	-0.4%
37.0%	67.4	67.5	0.1	0.1%
38.3%	67.4	67.4	0.0	0.0%
39.5%	67.4	67.1	-0.3	-0.4%
40.7%	67.3	67.0	-0.3	-0.4%
42.0%	67.3	67.0	-0.3	-0.4%
43.2%	67.3	67.0	-0.3	-0.4%
44.4%	67.2	67.0	-0.2	-0.3%
45.7%	67.1	67.0	-0.1	-0.1%
46.9%	66.9	66.9	0.0	0.0%
48.1%	66.9	66.8	-0.1	-0.1%
49.4%	66.7	66.8	0.1	0.1%
50.6%	66.6	66.8	0.2	0.3%
51.9%	66.6	66.7	0.1	0.2%
53.1%	66.5	66.7	0.2	0.3%
54.3%	66.5	66.6	0.1	0.2%
55.6%	66.5	66.5	0.0	0.0%
56.8%	66.4	66.5	0.1	0.2%
58.0%	66.4	66.4	0.0	0.0%
59.3%	66.3	66.4	0.1	0.2%
60.5%	66.3	66.4	0.1	0.2%
61.7%	66.3	66.4	0.1	0.2%
63.0%	66.3	66.4	0.1	0.2%
64.2%	66.3	66.3	0.0	0.0%
65.4%	66.2	66.3	0.1	0.2%
66.7%	66.2	66.3	0.1	0.2%
67.9%	66.2	66.3	0.1	0.2%
69.1%	66.2	66.2	0.0	0.0%
70.4%	66.2	66.2	0.0	0.0%
71.6%	66.2	66.2	0.0	0.0%
72.8%	66.1	66.2	0.1	0.2%
74.1%	66.1	66.1	0.0	0.0%
75.3%	66.0	66.1	0.1	0.2%
76.5%	66.0	66.1	0.1	0.2%
77.8%	66.0	66.1	0.1	0.2%
79.0%	66.0	66.1	0.1	0.2%
80.2%	65.9	66.0	0.1	0.2%
81.5%	65.9	66.0	0.1	0.2%
82.7%	65.9	65.9	0.0	0.0%
84.0%	65.8	65.9	0.1	0.2%
85.2%	65.6	65.8	0.2	0.3%
86.4%	65.6	65.7	0.1	0.2%
87.7%	65.6	65.6	0.0	0.0%
88.9%	65.5	65.5	0.0	0.0%
90.1%	65.3	65.5	0.2	0.3%
91.4%	65.3	65.5	0.2	0.3%
92.6%	65.2	65.4	0.2	0.3%
93.8%	65.0	65.2	0.2	0.3%
95.1%	65.0	65.2	0.2	0.3%
96.3%	65.0	65.0	0.0	0.0%
97.5%	64.7	65.0	0.3	0.5%
98.8%	64.3	64.9	0.6	0.9%
100.0%	64.3	64.9	0.6	0.9%

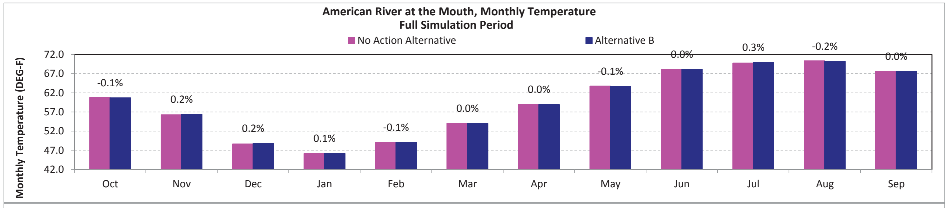
Table SQ-20-5a
American River at the Mouth, Monthly Temperature
Long-term Average and Average by Water Year Type

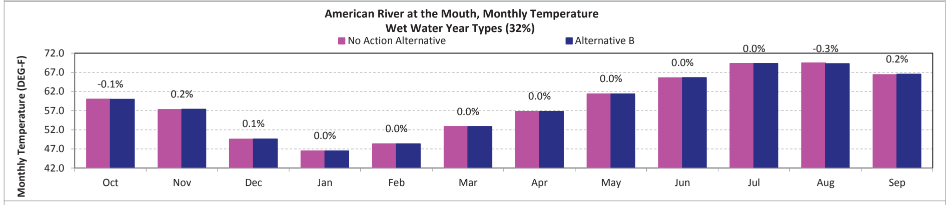
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	60.8	56.3	48.6	46.1	49.0	54.0	58.9	63.7	68.1	69.7	70.4	67.6
Alternative B	60.7	56.3	48.7	46.1	49.0	54.0	58.9	63.7	68.1	69.9	70.2	67.6
Difference	-0.1	0.1	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.2	-0.2	0.0
Percent Difference[3]	-0.1%	0.2%	0.2%	0.1%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.3%	-0.2%	0.0%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	60.0	57.3	49.6	46.5	48.3	52.8	56.8	61.4	65.6	69.3	69.5	66.4
Alternative B	59.9	57.4	49.6	46.5	48.3	52.8	56.8	61.4	65.6	69.3	69.3	66.5
Difference	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.1
Percent Difference	-0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.2%
Above Normal (15%)												
No Action Alternative	59.6	55.7	48.6	46.4	48.6	53.3	58.4	63.2	67.9	68.6	69.7	66.8
Alternative B	59.4	55.8	48.7	46.4	48.6	53.4	58.4	63.2	67.9	68.6	69.6	67.0
Difference	-0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Percent Difference	-0.3%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.2%
Below Normal (17%)												
No Action Alternative	59.5	56.1	48.9	45.5	48.0	53.9	59.0	63.2	68.1	68.3	70.5	68.0
Alternative B	59.5	56.1	48.9	45.5	47.9	54.0	59.0	63.0	68.0	68.9	70.1	67.8
Difference	0.1	0.0	0.0	0.1	0.0	0.1	0.0	-0.1	-0.1	0.6	-0.4	-0.2
Percent Difference	0.1%	0.1%	0.0%	0.1%	-0.1%	0.2%	0.0%	-0.2%	-0.1%	0.9%	-0.5%	-0.3%
Dry (22%)												
No Action Alternative	61.3	56.0	48.4	45.7	49.5	54.7	60.3	65.9	70.1	69.9	70.4	68.2
Alternative B	60.9	56.1	48.7	45.7	49.4	54.7	60.4	65.7	70.1	70.3	70.3	68.2
Difference	-0.4	0.2	0.3	0.0	-0.2	0.0	0.1	-0.2	0.0	0.4	-0.1	0.0
Percent Difference	-0.6%	0.3%	0.6%	0.0%	-0.3%	0.0%	0.1%	-0.2%	0.0%	0.6%	-0.1%	0.0%
Critical (15%)												
No Action Alternative	64.2	55.1	46.8	46.2	51.3	56.1	61.7	66.5	70.4	73.4	72.6	69.4
Alternative B	64.4	55.2	46.8	46.3	51.4	56.0	61.5	66.4	70.6	73.4	72.4	69.1
Difference	0.2	0.1	0.1	0.1	0.0	-0.1	-0.2	-0.1	0.2	-0.1	-0.1	-0.3
Percent Difference	0.4%	0.2%	0.1%	0.2%	0.1%	-0.2%	-0.3%	-0.1%	0.3%	-0.1%	-0.2%	-0.4%

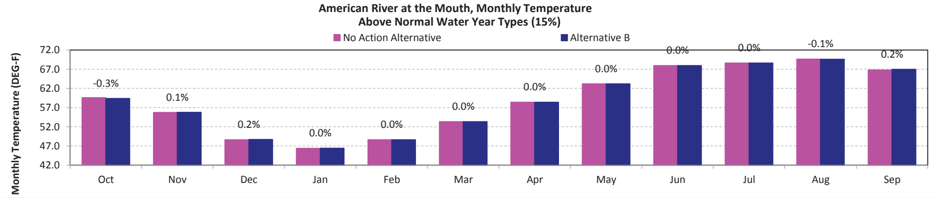
1 Based on the 82-year simulation period

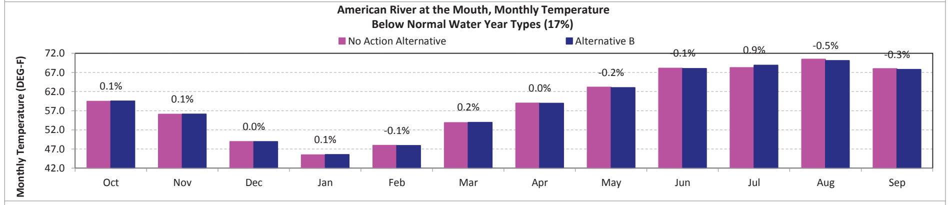
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

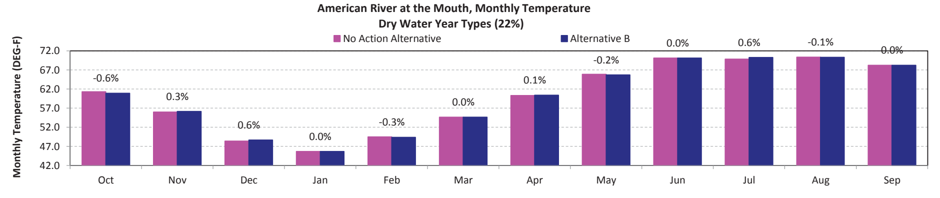
3 Relative difference of the monthly average


American River at the Mouth, Monthly Temperature
Full Simulation Period


American River at the Mouth, Monthly Temperature
Wet Water Year Types (32%)


American River at the Mouth, Monthly Temperature
Above Normal Water Year Types (15%)


American River at the Mouth, Monthly Temperature
Below Normal Water Year Types (17%)


American River at the Mouth, Monthly Temperature
Dry Water Year Types (22%)

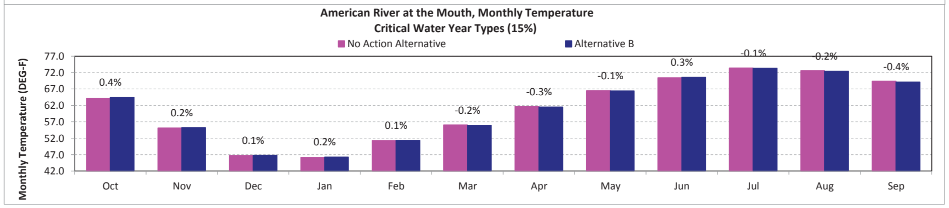

American River at the Mouth, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-20-5b
American River at the Mouth, Monthly Temperature
Probability of Exceedance

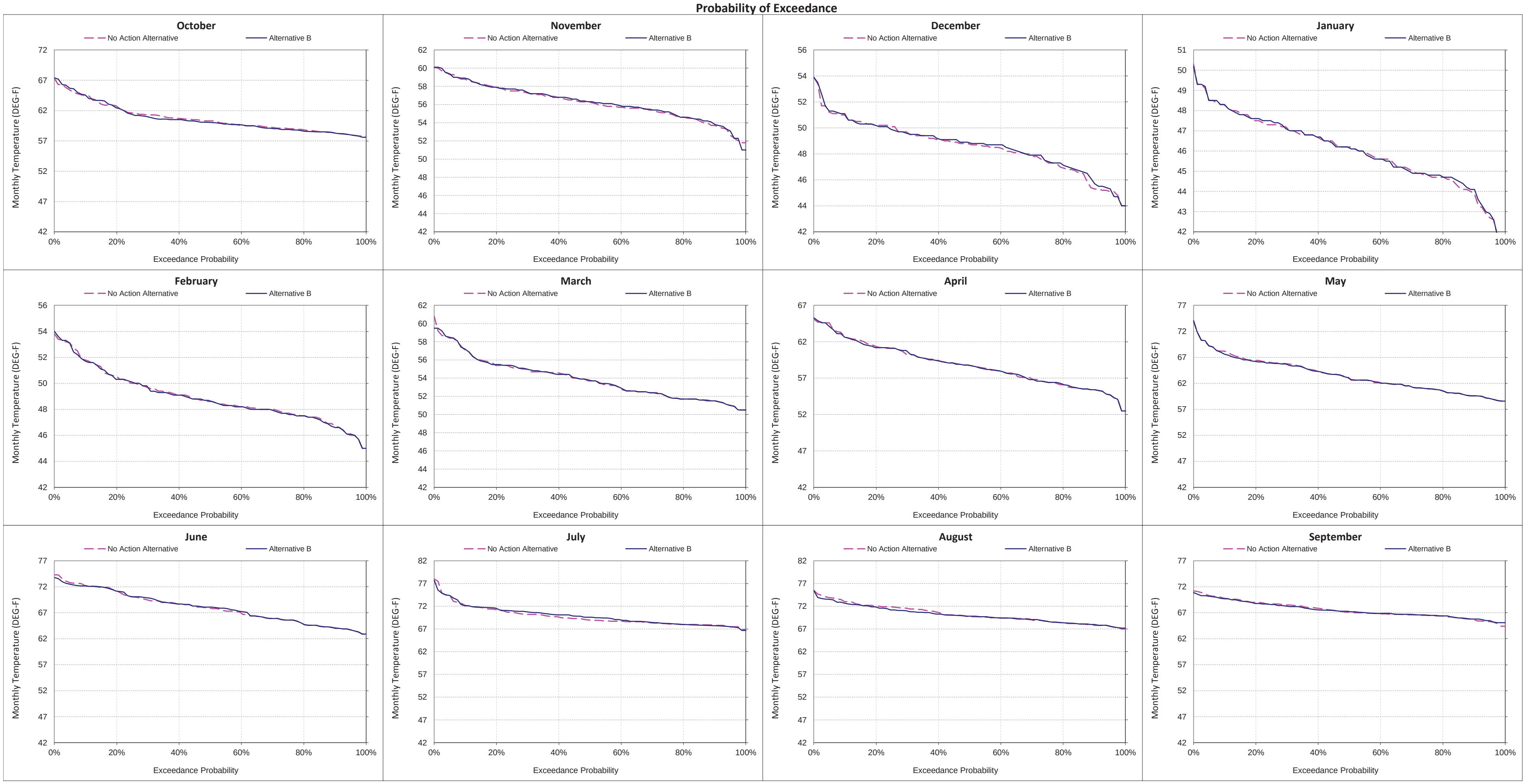


Table SQ-20-5b

American River at the Mouth, Monthly Temperature
Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative B Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	67.3	67.4	0.1	0.1%
1.2%	66.3	67.2	0.9	1.4%
2.5%	66.3	66.3	0.0	0.0%
3.7%	65.8	66.2	0.4	0.6%
4.9%	65.4	65.7	0.3	0.5%
6.2%	65.0	65.6	0.6	0.9%
7.4%	64.8	65.0	0.2	0.3%
8.6%	64.6	64.7	0.1	0.2%
9.9%	64.5	64.6	0.1	0.2%
11.1%	64.4	64.0	-0.4	-0.6%
12.3%	63.7	63.9	0.2	0.3%
13.6%	63.7	63.7	0.0	0.0%
14.8%	63.1	63.7	0.6	1.0%
16.0%	62.9	63.6	0.7	1.1%
17.3%	62.9	63.1	0.2	0.3%
18.5%	62.9	62.9	0.0	0.0%
19.8%	62.8	62.5	-0.3	-0.5%
21.0%	62.3	62.3	0.0	0.0%
22.2%	62.1	62.0	-0.1	-0.2%
23.5%	61.7	61.6	-0.1	-0.2%
24.7%	61.6	61.4	-0.2	-0.3%
25.9%	61.6	61.2	-0.4	-0.6%
27.2%	61.4	61.2	-0.2	-0.3%
28.4%	61.4	61.1	-0.3	-0.5%
29.6%	61.3	61.0	-0.3	-0.5%
30.9%	61.3	60.9	-0.4	-0.7%
32.1%	61.3	60.7	-0.6	-1.0%
33.3%	61.2	60.6	-0.6	-1.0%
34.6%	61.1	60.6	-0.5	-0.8%
35.8%	60.9	60.6	-0.3	-0.5%
37.0%	60.8	60.5	-0.3	-0.5%
38.3%	60.8	60.5	-0.3	-0.5%
39.5%	60.7	60.5	-0.2	-0.3%
40.7%	60.7	60.5	-0.2	-0.3%
42.0%	60.6	60.4	-0.2	-0.3%
43.2%	60.6	60.3	-0.3	-0.5%
44.4%	60.5	60.3	-0.2	-0.3%
45.7%	60.5	60.2	-0.3	-0.5%
46.9%	60.4	60.1	-0.3	-0.5%
48.1%	60.3	60.1	-0.2	-0.3%
49.4%	60.3	60.1	-0.2	-0.3%
50.6%	60.3	60.0	-0.3	-0.5%
51.9%	60.2	60.0	-0.2	-0.3%
53.1%	60.0	59.9	-0.1	-0.2%
54.3%	59.9	59.8	-0.1	-0.2%
55.6%	59.9	59.8	-0.1	-0.2%
56.8%	59.8	59.7	-0.1	-0.2%
58.0%	59.7	59.7	0.0	0.0%
59.3%	59.6	59.7	0.1	0.2%
60.5%	59.5	59.6	0.1	0.2%
61.7%	59.5	59.5	0.0	0.0%
63.0%	59.5	59.5	0.0	0.0%
64.2%	59.5	59.5	0.0	0.0%
65.4%	59.5	59.3	-0.2	-0.3%
66.7%	59.4	59.2	-0.2	-0.3%
67.9%	59.3	59.1	-0.2	-0.3%
69.1%	59.3	59.1	-0.2	-0.3%
70.4%	59.2	59.0	-0.2	-0.3%
71.6%	59.1	59.0	-0.1	-0.2%
72.8%	59.1	58.9	-0.2	-0.3%
74.1%	59.1	58.9	-0.2	-0.3%
75.3%	59.0	58.9	-0.1	-0.2%
76.5%	59.0	58.8	-0.2	-0.3%
77.8%	58.9	58.8	-0.1	-0.2%
79.0%	58.9	58.7	-0.2	-0.3%
80.2%	58.8	58.6	-0.2	-0.3%
81.5%	58.7	58.6	-0.1	-0.2%
82.7%	58.7	58.5	-0.2	-0.3%
84.0%	58.6	58.5	-0.1	-0.2%
85.2%	58.5	58.5	0.0	0.0%
86.4%	58.5	58.5	0.0	0.0%
87.7%	58.5	58.4	-0.1	-0.2%
88.9%	58.4	58.4	0.0	0.0%
90.1%	58.3	58.3	0.0	0.0%
91.4%	58.2	58.2	0.0	0.0%
92.6%	58.2	58.1	-0.1	-0.2%
93.8%	58.1	58.1	0.0	0.0%
95.1%	58.0	58.0	0.0	0.0%
96.3%	57.9	57.9	0.0	0.0%
97.5%	57.8	57.8	0.0	0.0%
98.8%	57.8	57.6	-0.2	-0.3%
100.0%	57.8	57.6	-0.2	-0.3%

November

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative B Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	60.1	60.1	0.0	0.0%
1.2%	60.0	60.1	0.1	0.2%
2.5%	59.7	60.0	0.3	0.5%
3.7%	59.6	59.5	-0.1	-0.2%
4.9%	59.3	59.4	0.1	0.2%
6.2%	59.3	59.0	-0.3	-0.5%
7.4%	59.0	59.0	0.0	0.0%
8.6%	58.8	58.9	0.1	0.2%
9.9%	58.8	58.9	0.1	0.2%
11.1%	58.6	58.8	0.2	0.3%
12.3%	58.5	58.5	0.0	0.0%
13.6%	58.4	58.4	0.0	0.0%
14.8%	58.3	58.2	-0.1	-0.2%
16.0%	58.2	58.1	-0.1	-0.2%
17.3%	58.1	58.0	-0.1	-0.2%
18.5%	58.0	57.9	-0.1	-0.2%
19.8%	58.0	57.9	-0.1	-0.2%
21.0%	57.8	57.8	0.0	0.0%
22.2%	57.7	57.8	0.1	0.2%
23.5%	57.5	57.7	0.2	0.3%
24.7%	57.5	57.7	0.2	0.3%
25.9%	57.5	57.7	0.2	0.3%
27.2%	57.5	57.6	0.1	0.2%
28.4%	57.4	57.6	0.2	0.3%
29.6%	57.3	57.4	0.1	0.2%
30.9%	57.2	57.2	0.0	0.0%
32.1%	57.1	57.2	0.1	0.2%
33.3%	57.1	57.2	0.1	0.2%
34.6%	57.1	57.2	0.1	0.2%
35.8%	56.9	57.1	0.2	0.4%
37.0%	56.9	57.0	0.1	0.2%
38.3%	56.9	56.8	-0.1	-0.2%
39.5%	56.8	56.8	0.0	0.0%
40.7%	56.7	56.8	0.1	0.2%
42.0%	56.6	56.8	0.2	0.4%
43.2%	56.5	56.7	0.2	0.4%
44.4%	56.5	56.6	0.1	0.2%
45.7%	56.4	56.6	0.2	0.4%
46.9%	56.3	56.4	0.1	0.2%
48.1%	56.3	56.4	0.1	0.2%
49.4%	56.3	56.3	0.0	0.0%
50.6%	56.2	56.3	0.1	0.2%
51.9%	56.1	56.2	0.1	0.2%
53.1%	55.9	56.2	0.3	0.5%
54.3%	55.9	56.1	0.2	0.4%
55.6%	55.8	56.1	0.3	0.5%
56.8%	55.8	56.1	0.3	0.5%
58.0%	55.8	56.0	0.2	0.4%
59.3%	55.7	55.9	0.2	0.4%
60.5%	55.7	55.8	0.1	0.2%
61.7%	55.6	55.8	0.2	0.4%
63.0%	55.6	55.8	0.2	0.4%
64.2%	55.6	55.7	0.1	0.2%
65.4%	55.6	55.7	0.1	0.2%
66.7%	55.5	55.6	0.1	0.2%
67.9%	55.5	55.5	0.0	0.0%
69.1%	55.5	55.4	-0.1	-0.2%
70.4%	55.4	55.4	0.0	0.0%
71.6%	55.2	55.4	0.2	0.4%
72.8%	55.1	55.3	0.2	0.4%
74.1%	55.1	55.2	0.1	0.2%
75.3%	55.0	55.2	0.2	0.4%
76.5%	54.9	55.0	0.1	0.2%
77.8%	54.7	54.8	0.1	0.2%
79.0%	54.7	54.6	-0.1	-0.2%
80.2%	54.6	54.6	0.0	0.0%
81.5%	54.5	54.6	0.1	0.2%
82.7%	54.5	54.5	0.0	0.0%
84.0%	54.4	54.4	0.0	0.0%
85.2%	54.2	54.4	0.2	0.4%
86.4%	54.0	54.2	0.2	0.4%
87.7%	54.0	54.2	0.2	0.4%
88.9%	53.7	54.1	0.4	0.7%
90.1%	53.7	53.8	0.1	0.2%
91.4%	53.5	53.7	0.2	0.4%
92.6%	53.4	53.6	0.2	0.4%
93.8%	53.3	53.3	0.0	0.0%
95.1%	52.6	53.1	0.5	1.0%
96.3%	52.3	52.3	0.0	0.0%
97.5%	52.0	52.3	0.3	0.6%
98.8%	51.8	51.0	-0.8	-1.5%
100.0%	51.8	51.0	-0.8	-1.5%

December

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative B Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	53.9	53.9	0.0	0.0%
1.2%	53.4	53.5	0.1	0.2%
2.5%	51.7	52.6	0.9	1.7%
3.7%	51.7	51.7	0.0	0.0%
4.9%	51.2	51.3	0.1	0.2%
6.2%	51.1	51.3	0.2	0.4%
7.4%	51.1	51.2	0.1	0.2%
8.6%	51.0	51.1	0.1	0.2%
9.9%	51.0	51.1	0.1	0.2%
11.1%	50.6	50.6	0.0	0.0%
12.3%	50.6	50.6	0.0	0.0%
13.6%	50.5	50.4	-0.1	-0.2%
14.8%	50.5	50.3	-0.2	-0.4%
16.0%	50.4	50.3	-0.1	-0.2%
17.3%	50.3	50.3	0.0	0.0%
18.5%	50.3	50.3	0.0	0.0%
19.8%	50.2	50.2	0.0	0.0%
21.0%	50.2	50.1	-0.1	-0.2%
22.2%	50.2	50.1	-0.1	-0.2%
23.5%	50.2	50.1	-0.1	-0.2%
24.7%	50.1	49.9	-0.2	-0.4%
25.9%	50.1	49.8	-0.3	-0.6%
27.2%	49.7	49.7	0.0	0.0%
28.4%	49.7	49.7	0.0	0.0%
29.6%	49.7	49.6	-0.1	-0.2%
30.9%	49.5	49.5	0.0	0.0%
32.1%	49.4	49.5	0.1	0.2%
33.3%	49.4	49.5	0.1	0.2%
34.6%	49.4	49.4	0.0	0.0%
35.8%	49.4	49.4	0.0	0.0%
37.0%	49.2	49.4	0.2	0.4%
38.3%	49.2	49.4	0.2	0.4%
39.5%	49.1	49.2	0.1	0.2%
40.7%	49.1	49.1	0.0	0.0%
42.0%	49.0	49.1	0.1	0.2%
43.2%	49.0	49.1	0.1	0.2%
44.4%	48.9	49.1	0.2	0.4%
45.7%	48.9	49.1	0.2	0.4%
46.9%	48.8	48.9	0.1	0.2%
48.1%	48.8	48.9	0.1	0.2%
49.4%	48.8	48.9	0.1	0.2%
50.6%	48.7	48.8	0.1	0.2%
51.9%	48.7	48.8	0.1	0.2%
53.1%	48.7	48.8	0.1	0.2%
54.3%	48.6	48.8	0.2	0.4%
55.6%	48.6	48.7	0.1	0.2%
56.8%	48.5	48.7	0.2	0.4%
58.0%	48.5	48.7	0.2	0.4%
59.3%	48.5	48.7	0.2	0.4%
60.5%	48.4	48.7	0.3	0.6%
61.7%	48.2	48.5	0.3	0.6%
63.0%	48.2	48.4	0.2	0.4%
64.2%	48.1	48.3	0.2	0.4%
65.4%	48.1	48.2	0.1	0.2%
66.7%	48.1	48.1	0.0	0.0%
67.9%	48.0	48.0	0.0	0.0%
69.1%	48.0	47.9	-0.1	-0.2%
70.4%	47.8	47.9	0.1	0.2%
71.6%	47.8	47.9	0.1	0.2%
72.8%	47.6	47.9	0.3	0.6%
74.1%	47.5	47.5	0.0	0.0%
75.3%	47.3	47.4	0.1	0.2%
76.5%	47.3	47.3	0.0	0.0%
77.8%	47.3	47.3	0.0	0.0%
79.0%	47.0	47.3	0.3	0.6%
80.2%	46.9	47.1	0.2	0.4%
81.5%	46.8	47.0	0.2	0.4%
82.7%	46.8	46.9	0.1	0.2%
84.0%	46.7	46.8	0.1	0.2%
85.2%	46.5	46.7	0.2	0.4%
86.4%	46.5	46.6	0.1	0.2%
87.7%	45.9	46.5	0.6	1.3%
88.9%	45.4	46.1	0.7	1.5%
90.1%	45.3	45.7	0.4	0.9%
91.4%	45.3	45.5	0.2	0.4%
92.6%	45.2	45.5	0.3	0.7%
93.8%	45.2	45.4	0.2	0.4%
95.1%	45.1	45.3	0.2	0.4%
96.3%	45.1	44.7	-0.4	-0.9%
97.5%	44.8	44.7	-0.1	-0.2%
98.8%	44.0	44.0	0.0	0.0%
100.0%	44.0	44.0	0.0	0.0%

January

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative B Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	50.3	50.2	-0.1	-0.2%
1.2%	49.3	49.3	0.0	0.0%
2.5%	49.3	49.3	0.0	0.0%
3.7%	49.1	49.2	0.1	0.2%
4.9%	48.5	48.5	0.0	0.0%
6.2%	48.5	48.5	0.0	0.0%
7.4%	48.4	48.5	0.1	0.2%
8.6%	48.3	48.3	0.0	0.0%
9.9%	48.3	48.3	0.0	0.0%
11.1%	48.1	48.1	0.0	0.0%
12.3%	48.0	48.0	0.0	0.0%
13.6%	48.0	47.9	-0.1	-0.2%
14.8%	47.9	47.8	-0.1	-0.2%
16.0%	47.8	47.8	0.0	0.0%
17.3%	47.8	47.7	-0.1	-0.2%
18.5%	47.6	47.6	0.0	0.0%
19.8%	47.5	47.6	0.1	0.2%
21.0%	47.5	47.6	0.1	0.2%
22.2%	47.4	47.5	0.1	0.2%
23.5%	47.3	47.5	0.2	0.4%
24.7%	47.3	47.5	0.2	0.4%
25.9%	47.3	47.4	0.1	0.2%
27.2%	47.3	47.4	0.1	0.2%
28.4%	47.2	47.3	0.1	0.2%
29.6%	47.2	47.1	-0.1	-0.2%
30.9%	47.0	47.0	0.0	0.0%
32.1%	47.0	47.0	0.0	0.0%
33.3%	46.9	47.0	0.1	0.2%
34.6%	46.8	47.0	0.2	0.4%
35.8%	46.8	46.8	0.0	0.0%
37.0%	46.8	46.8	0.0	0.0%
38.3%	46.8	46.8	0.0	0.0%
39.5%	46.7	46.7	0.0	0.0%
40.7%	46.6	46.7	0.1	0.2%
42.0%	46.5	46.5	0.0	0.0%
43.2%	46.5	46.5	0.0	0.0%
44.4%	46.5	46.4	-0.1	-0.2%
45.7%	46.3	46.2	-0.1	-0.2%
46.9%	46.2	46.2	0.0	0.0%
48.1%	46.2	46.2	0.0	0.0%
49.4%	46.2	46.2	0.0	0.0%
50.6%	46.2	46.1	-0.1	-0.2%
51.9%	46.1	46.1	0.0	0.0%
53.1%	46.0	46.0	0.0	0.0%
54.3%	46.0	46.0	0.0	0.0%
55.6%	45.9	45.8	-0.1	-0.2%
56.8%	45.8	45.7	-0.1	-0.2%
58.0%	45.7	45.6	-0.1	-0.2%
59.3%	45.6	45.6	0.0	0.0%
60.5%	45.6	45.6	0.0	0.0%
61.7%	45.6	45.5	-0.1	-0.2%
63.0%	45.6	45.5	-0.1	-0.2%
64.2%	45.4	45.2	-0.2	-0.4%
65.4%	45.2	45.2	0.0	0.0%
66.7%	45.2	45.2	0.0	0.0%
67.9%	45.2	45.1	-0.1	-0.2%
69.1%	45.1	45.0	-0.1	-0.2%
70.4%	45.0	44.9	-0.1	-0.2%
71.6%	44.9	44.9	0.0	0.0%
72.8%	44.9	44.9	0.0	0.0%
74.1%	44.8	44.9	0.1	0.2%
75.3%	44.8	44.8	0.0	0.0%
76.5%	44.7	44.8	0.1	0.2%
77.8%	44.7	44.8	0.1	0.2%
79.0%	44.7	44.8	0.1	0.2%
80.2%	44.7	44.7	0.0	0.0%
81.5%	44.6	44.7	0.1	0.2%
82.7%	44.6	44.7	0.1	0.2%
84.0%	44.4	44.6	0.2	0.5%
85.2%	44.2	44.5	0.3	0.7%
86.4%	44.1	44.4	0.3	0.7%
87.7%	44.1	44.2	0.1	0.2%
88.9%	44.0	44.1	0.1	0.2%
90.1%	43.9	44.1	0.2	0.5%
91.4%	43.3	43.6	0.3	0.7%
92.6%	43.2	43.3	0.1	0.2%
93.8%	42.9	43.0	0.1	0.2%
95.1%	42.7	42.9	0.2	0.5%
96.3%	42.6	42.6	0.0	0.0%
97.5%	41.8	41.8	0.0	0.0%
98.8%	41.4	41.4	0.0	0.0%
100.0%	41.4	41.4	0.0	0.0%

Table SQ-20-5b

American River at the Mouth, Monthly Temperature
Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.8	54.0	0.2	0.4%
1.2%	53.4	53.6	0.2	0.4%
2.5%	53.3	53.3	0.0	0.0%
3.7%	53.2	53.3	0.1	0.2%
4.9%	53.1	53.1	0.0	0.0%
6.2%	52.7	52.4	-0.3	-0.6%
7.4%	52.5	52.2	-0.3	-0.6%
8.6%	51.9	51.9	0.0	0.0%
9.9%	51.8	51.7	-0.1	-0.2%
11.1%	51.7	51.6	-0.1	-0.2%
12.3%	51.5	51.6	0.1	0.2%
13.6%	51.4	51.4	0.0	0.0%
14.8%	51.3	51.1	-0.2	-0.4%
16.0%	50.8	51.0	0.2	0.4%
17.3%	50.7	50.7	0.0	0.0%
18.5%	50.6	50.6	0.0	0.0%
19.8%	50.6	50.3	-0.3	-0.6%
21.0%	50.3	50.3	0.0	0.0%
22.2%	50.3	50.3	0.0	0.0%
23.5%	50.1	50.2	0.1	0.2%
24.7%	50.0	50.1	0.1	0.2%
25.9%	50.0	50.0	0.0	0.0%
27.2%	49.9	50.0	0.1	0.2%
28.4%	49.8	49.8	0.0	0.0%
29.6%	49.7	49.8	0.1	0.2%
30.9%	49.6	49.4	-0.2	-0.4%
32.1%	49.6	49.4	-0.2	-0.4%
33.3%	49.4	49.3	-0.1	-0.2%
34.6%	49.4	49.3	-0.1	-0.2%
35.8%	49.3	49.3	0.0	0.0%
37.0%	49.3	49.2	-0.1	-0.2%
38.3%	49.2	49.1	-0.1	-0.2%
39.5%	49.1	49.1	0.0	0.0%
40.7%	49.1	49.1	0.0	0.0%
42.0%	49.1	49.0	-0.1	-0.2%
43.2%	49.0	48.9	-0.1	-0.2%
44.4%	48.8	48.8	0.0	0.0%
45.7%	48.8	48.8	0.0	0.0%
46.9%	48.7	48.8	0.1	0.2%
48.1%	48.7	48.7	0.0	0.0%
49.4%	48.6	48.7	0.1	0.2%
50.6%	48.6	48.6	0.0	0.0%
51.9%	48.5	48.5	0.0	0.0%
53.1%	48.4	48.4	0.0	0.0%
54.3%	48.4	48.3	-0.1	-0.2%
55.6%	48.3	48.3	0.0	0.0%
56.8%	48.3	48.3	0.0	0.0%
58.0%	48.3	48.2	-0.1	-0.2%
59.3%	48.2	48.2	0.0	0.0%
60.5%	48.2	48.2	0.0	0.0%
61.7%	48.2	48.1	-0.1	-0.2%
63.0%	48.1	48.0	-0.1	-0.2%
64.2%	48.1	48.0	-0.1	-0.2%
65.4%	48.0	48.0	0.0	0.0%
66.7%	48.0	48.0	0.0	0.0%
67.9%	48.0	48.0	0.0	0.0%
69.1%	48.0	48.0	0.0	0.0%
70.4%	48.0	47.9	-0.1	-0.2%
71.6%	47.9	47.8	-0.1	-0.2%
72.8%	47.8	47.7	-0.1	-0.2%
74.1%	47.7	47.7	0.0	0.0%
75.3%	47.7	47.6	-0.1	-0.2%
76.5%	47.6	47.6	0.0	0.0%
77.8%	47.6	47.5	-0.1	-0.2%
79.0%	47.5	47.5	0.0	0.0%
80.2%	47.5	47.5	0.0	0.0%
81.5%	47.4	47.4	0.0	0.0%
82.7%	47.4	47.4	0.0	0.0%
84.0%	47.4	47.3	-0.1	-0.2%
85.2%	47.3	47.2	-0.1	-0.2%
86.4%	47.1	47.0	-0.1	-0.2%
87.7%	46.9	46.9	0.0	0.0%
88.9%	46.9	46.7	-0.2	-0.4%
90.1%	46.7	46.6	-0.1	-0.2%
91.4%	46.6	46.6	0.0	0.0%
92.6%	46.4	46.4	0.0	0.0%
93.8%	46.1	46.1	0.0	0.0%
95.1%	46.0	46.1	0.1	0.2%
96.3%	46.0	46.0	0.0	0.0%
97.5%	45.7	45.7	0.0	0.0%
98.8%	45.0	45.0	0.0	0.0%
100.0%	45.0	45.0	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.8	59.5	-1.3	-2.1%
1.2%	59.2	59.5	0.3	0.5%
2.5%	58.7	59.2	0.5	0.9%
3.7%	58.6	58.6	0.0	0.0%
4.9%	58.4	58.5	0.1	0.2%
6.2%	58.4	58.4	0.0	0.0%
7.4%	58.0	58.1	0.1	0.2%
8.6%	57.5	57.4	-0.1	-0.2%
9.9%	57.1	57.2	0.1	0.2%
11.1%	56.9	56.9	0.0	0.0%
12.3%	56.4	56.4	0.0	0.0%
13.6%	56.1	56.1	0.0	0.0%
14.8%	56.0	55.9	-0.1	-0.2%
16.0%	55.9	55.8	-0.1	-0.2%
17.3%	55.8	55.7	-0.1	-0.2%
18.5%	55.7	55.5	-0.2	-0.4%
19.8%	55.4	55.5	0.1	0.2%
21.0%	55.4	55.5	0.1	0.2%
22.2%	55.4	55.4	0.0	0.0%
23.5%	55.4	55.4	0.0	0.0%
24.7%	55.2	55.4	0.2	0.4%
25.9%	55.1	55.3	0.2	0.4%
27.2%	55.1	55.1	0.0	0.0%
28.4%	55.0	55.1	0.1	0.2%
29.6%	55.0	55.0	0.0	0.0%
30.9%	54.7	54.9	0.2	0.4%
32.1%	54.7	54.8	0.1	0.2%
33.3%	54.7	54.8	0.1	0.2%
34.6%	54.7	54.7	0.0	0.0%
35.8%	54.7	54.7	0.0	0.0%
37.0%	54.6	54.6	0.0	0.0%
38.3%	54.6	54.5	-0.1	-0.2%
39.5%	54.6	54.4	-0.2	-0.4%
40.7%	54.5	54.4	-0.1	-0.2%
42.0%	54.4	54.4	0.0	0.0%
43.2%	54.3	54.4	0.1	0.2%
44.4%	54.0	54.1	0.1	0.2%
45.7%	54.0	54.0	0.0	0.0%
46.9%	53.9	53.9	0.0	0.0%
48.1%	53.9	53.9	0.0	0.0%
49.4%	53.7	53.8	0.1	0.2%
50.6%	53.7	53.7	0.0	0.0%
51.9%	53.7	53.7	0.0	0.0%
53.1%	53.5	53.4	-0.1	-0.2%
54.3%	53.3	53.4	0.1	0.2%
55.6%	53.3	53.4	0.1	0.2%
56.8%	53.2	53.3	0.1	0.2%
58.0%	53.2	53.2	0.0	0.0%
59.3%	53.0	53.0	0.0	0.0%
60.5%	52.7	52.8	0.1	0.2%
61.7%	52.6	52.6	0.0	0.0%
63.0%	52.6	52.6	0.0	0.0%
64.2%	52.6	52.6	0.0	0.0%
65.4%	52.5	52.5	0.0	0.0%
66.7%	52.5	52.5	0.0	0.0%
67.9%	52.5	52.5	0.0	0.0%
69.1%	52.4	52.4	0.0	0.0%
70.4%	52.4	52.4	0.0	0.0%
71.6%	52.4	52.3	-0.1	-0.2%
72.8%	52.3	52.3	0.0	0.0%
74.1%	52.1	52.1	0.0	0.0%
75.3%	51.9	51.9	0.0	0.0%
76.5%	51.8	51.8	0.0	0.0%
77.8%	51.8	51.8	0.0	0.0%
79.0%	51.7	51.7	0.0	0.0%
80.2%	51.7	51.7	0.0	0.0%
81.5%	51.7	51.7	0.0	0.0%
82.7%	51.7	51.7	0.0	0.0%
84.0%	51.7	51.7	0.0	0.0%
85.2%	51.6	51.6	0.0	0.0%
86.4%	51.6	51.6	0.0	0.0%
87.7%	51.6	51.5	-0.1	-0.2%
88.9%	51.5	51.5	0.0	0.0%
90.1%	51.5	51.5	0.0	0.0%
91.4%	51.4	51.4	0.0	0.0%
92.6%	51.3	51.3	0.0	0.0%
93.8%	51.1	51.1	0.0	0.0%
95.1%	51.0	51.0	0.0	0.0%
96.3%	50.9	50.9	0.0	0.0%
97.5%	50.5	50.5	0.0	0.0%
98.8%	50.5	50.5	0.0	0.0%
100.0%	50.5	50.5	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.1	65.3	0.2	0.3%
1.2%	64.7	64.9	0.2	0.3%
2.5%	64.7	64.6	-0.1	-0.2%
3.7%	64.6	64.6	0.0	0.0%
4.9%	64.6	64.1	-0.5	-0.8%
6.2%	63.7	63.7	0.0	0.0%
7.4%	63.4	63.1	-0.3	-0.5%
8.6%	63.3	63.1	-0.2	-0.3%
9.9%	62.7	62.6	-0.1	-0.2%
11.1%	62.5	62.5	0.0	0.0%
12.3%	62.4	62.3	-0.1	-0.2%
13.6%	62.3	62.2	-0.1	-0.2%
14.8%	62.2	61.9	-0.3	-0.5%
16.0%	62.0	61.6	-0.4	-0.6%
17.3%	61.7	61.5	-0.2	-0.3%
18.5%	61.6	61.4	-0.2	-0.3%
19.8%	61.4	61.2	-0.2	-0.3%
21.0%	61.2	61.2	0.0	0.0%
22.2%	61.2	61.2	0.0	0.0%
23.5%	61.1	61.2	0.1	0.2%
24.7%	61.1	61.1	0.0	0.0%
25.9%	61.1	61.1	0.0	0.0%
27.2%	60.9	60.9	0.0	0.0%
28.4%	60.7	60.8	0.1	0.2%
29.6%	60.3	60.8	0.5	0.8%
30.9%	60.2	60.3	0.1	0.2%
32.1%	60.2	60.2	0.0	0.0%
33.3%	59.9	59.9	0.0	0.0%
34.6%	59.8	59.8	0.0	0.0%
35.8%	59.7	59.7	0.0	0.0%
37.0%	59.6	59.5	-0.1	-0.2%
38.3%	59.6	59.5	-0.1	-0.2%
39.5%	59.5	59.4	-0.1	-0.2%
40.7%	59.3	59.3	0.0	0.0%
42.0%	59.2	59.2	0.0	0.0%
43.2%	59.1	59.1	0.0	0.0%
44.4%	59.1	59.1	0.0	0.0%
45.7%	59.0	58.9	-0.1	-0.2%
46.9%	58.9	58.9	0.0	0.0%
48.1%	58.8	58.8	0.0	0.0%
49.4%	58.8	58.8	0.0	0.0%
50.6%	58.7	58.7	0.0	0.0%
51.9%	58.6	58.6	0.0	0.0%
53.1%	58.5	58.4	-0.1	-0.2%
54.3%	58.4	58.3	-0.1	-0.2%
55.6%	58.3	58.2	-0.1	-0.2%
56.8%	58.1	58.2	0.1	0.2%
58.0%	58.1	58.1	0.0	0.0%
59.3%	58.0	58.0	0.0	0.0%
60.5%	57.9	57.9	0.0	0.0%
61.7%	57.7	57.7	0.0	0.0%
63.0%	57.7	57.6	-0.1	-0.2%
64.2%	57.7	57.6	-0.1	-0.2%
65.4%	57.2	57.5	0.3	0.5%
66.7%	57.1	57.3	0.2	0.4%
67.9%	57.1	57.1	0.0	0.0%
69.1%	57.1	56.8	-0.3	-0.5%
70.4%	56.8	56.8	0.0	0.0%
71.6%	56.8	56.6	-0.2	-0.4%
72.8%	56.6	56.6	0.0	0.0%
74.1%	56.5	56.5	0.0	0.0%
75.3%	56.4	56.4	0.0	0.0%
76.5%	56.4	56.4	0.0	0.0%
77.8%	56.3	56.4	0.1	0.2%
79.0%	56.1	56.3	0.2	0.4%
80.2%	56.1	56.1	0.0	0.0%
81.5%	55.8	56.0	0.2	0.4%
82.7%	55.7	55.8	0.1	0.2%
84.0%	55.7	55.7	0.0	0.0%
85.2%	55.6	55.6	0.0	0.0%
86.4%	55.5	55.5	0.0	0.0%
87.7%	55.5	55.5	0.0	0.0%
88.9%	55.4	55.4	0.0	0.0%
90.1%	55.4	55.4	0.0	0.0%
91.4%	55.3	55.3	0.0	0.0%
92.6%	55.2	55.2	0.0	0.0%
93.8%	54.8	54.8	0.0	0.0%
95.1%	54.7	54.7	0.0	0.0%
96.3%	54.3	54.3	0.0	0.0%
97.5%	54.1	54.1	0.0	0.0%
98.8%	52.5	52.5	0.0	0.0%
100.0%	52.5	52.5	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	74.1	74.0	-0.1	-0.1%
1.2%	71.8	71.8	0.0	0.0%
2.5%	70.3	70.3	0.0	0.0%
3.7%	70.0	70.2	0.2	0.3%
4.9%	69.2	69.2	0.0	0.0%
6.2%	69.0	69.0	0.0	0.0%
7.4%	68.3	68.3	0.0	0.0%
8.6%	68.2	68.0	-0.2	-0.3%
9.9%	68.2	67.6	-0.6	-0.9%
11.1%	67.9	67.4	-0.5	-0.7%
12.3%	67.5	67.1	-0.4	-0.6%
13.6%	67.2	66.9	-0.3	-0.4%
14.8%	67.1	66.8	-0.3	-0.4%
16.0%	66.8	66.5	-0.3	-0.4%
17.3%	66.5	66.5	0.0	0.0%
18.5%	66.5	66.3	-0.2	-0.3%
19.8%	66.4	66.2	-0.2	-0.3%
21.0%	66.4	66.1	-0.3	-0.5%
22.2%	66.2	66.1	-0.1	-0.2%
23.5%	66.2	65.9	-0.3	-0.5%
24.7%	66.0	65.9	-0.1	-0.2%
25.9%	65.9	65.8	-0.1	-0.2%
27.2%	65.9	65.8	-0.1	-0.2%
28.4%	65.8	65.7	-0.1	-0.2%
29.6%	65.8	65.7	-0.1	-0.2%
30.9%	65.7	65.4	-0.3	-0.5%
32.1%	65.6	65.3	-0.3	-0.5%
33.3%	65.4	65.3	-0.1	-0.2%
34.6%	65.3	65.2	-0.1	-0.2%
35.8%	64.9	64.9	0.0	0.0%
37.0%	64.7	64.6	-0.1	-0.2%
38.3%	64.6	64.4	-0.2	-0.3%
39.5%	64.4	64.3	-0.1	-0.2%
40.7%	64.1	64.2	0.1	0.2%
42.0%	64.0	64.0	0.0	0.0%
43.2%	63.8	63.8	0.0	0.0%
44.4%	63.8	63.7	-0.1	-0.2%
45.7%	63.7	63.7	0.0	0.0%
46.9%	63.6	63.6	0.0	0.0%
48.1%	63.4	63.3	-0.1	-0.2%
49.4%	63.3	63.1	-0.2	-0.3%
50.6%	62.6	62.7	0.1	0.2%
51.9%	62.6	62.6	0.0	0.0%
53.1%	62.6	62.6	0.0	0.0%
54.3%	62.6	62.6	0.0	0.0%
55.6%	62.6	62.6	0.0	0.0%
56.8%	62.5	62.5	0.0	0.0%
58.0%	62.1	62.3	0.2	0.3%
59.3%	62.1	62.2	0.1	0.2%
60.5%	62.0	62.0	0.0	0.0%
61.7%	62.0	62.0	0.0	0.0%
63.0%	61.9	61.9	0.0	0.0%
64.2%	61.8	61.8	0.0	0.0%
65.4%	61.8	61.8	0.0	0.0%
66.7%	61.8	61.8	0.0	0.0%
67.9%	61.5	61.5	0.0	0.0%
69.1%	61.5	61.5	0.0	0.0%
70.4%	61.2	61.2	0.0	0.0%
71.6%	61.1	61.1	0.0	0.0%
72.8%	61.1	61.1	0.0	0.0%
74.1%	61.0	61.0	0.0	0.0%
75.3%	61.0	60.9	-0.1	-0.2%
76.5%	60.9	60.9	0.0	0.0%
77.8%	60.8	60.8	0.0	0.0%
79.0%	60.7	60.7	0.0	0.0%
80.2%	60.5	60.5	0.0	0.0%
81.5%	60.2	60.2	0.0	0.0%
82.7%	60.2	60.2	0.0	0.0%
84.0%	60.1	60.1	0.0	0.0%
85.2%	60.1	60.1	0.0	0.0%
86.4%	59.9	59.9	0.0	0.0%
87.7%	59.7	59.7	0.0	0.0%
88.9%	59.6	59.6	0.0	0.0%
90.1%	59.6	59.6	0.0	0.0%
91.4%	59.6	59.6	0.0	0.0%
92.6%	59.5	59.5	0.0	0.0%
93.8%	59.2	59.2	0.0	0.0%
95.1%	59.1	59.1	0.0	0.0%
96.3%	58.9	58.9	0.0	0.0%
97.5%	58.7	58.7	0.0	0.0%
98.8%	58.6	58.6	0.0	0.0%
100.0%	58.6	58.6	0.0	0.0%

Table SQ-20-5b

American River at the Mouth, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	74.3	73.8	-0.5	-0.7%
1.2%	74.3	73.6	-0.7	-0.9%
2.5%	73.6	73.0	-0.6	-0.8%
3.7%	73.1	72.7	-0.4	-0.5%
4.9%	72.8	72.5	-0.3	-0.4%
6.2%	72.7	72.4	-0.3	-0.4%
7.4%	72.7	72.2	-0.5	-0.7%
8.6%	72.6	72.2	-0.4	-0.6%
9.9%	72.2	72.2	0.0	0.0%
11.1%	72.2	72.1	-0.1	-0.1%
12.3%	72.1	72.1	0.0	0.0%
13.6%	72.0	72.1	0.1	0.1%
14.8%	71.9	72.0	0.1	0.1%
16.0%	71.9	71.9	0.0	0.0%
17.3%	71.9	71.7	-0.2	-0.3%
18.5%	71.5	71.5	0.0	0.0%
19.8%	71.3	71.2	-0.1	-0.1%
21.0%	70.9	71.1	0.2	0.3%
22.2%	70.5	71.0	0.5	0.7%
23.5%	70.2	70.3	0.1	0.1%
24.7%	70.1	70.1	0.0	0.0%
25.9%	70.0	70.1	0.1	0.1%
27.2%	69.9	70.1	0.2	0.3%
28.4%	69.7	70.0	0.3	0.4%
29.6%	69.5	69.9	0.4	0.6%
30.9%	69.3	69.8	0.5	0.7%
32.1%	69.3	69.6	0.3	0.4%
33.3%	69.3	69.3	0.0	0.0%
34.6%	69.1	69.0	-0.1	-0.1%
35.8%	69.0	69.0	0.0	0.0%
37.0%	69.0	68.9	-0.1	-0.1%
38.3%	68.9	68.8	-0.1	-0.1%
39.5%	68.7	68.7	0.0	0.0%
40.7%	68.6	68.7	0.1	0.1%
42.0%	68.6	68.6	0.0	0.0%
43.2%	68.6	68.6	0.0	0.0%
44.4%	68.3	68.3	0.0	0.0%
45.7%	68.1	68.3	0.2	0.3%
46.9%	68.1	68.2	0.1	0.1%
48.1%	68.0	68.1	0.1	0.1%
49.4%	67.9	68.1	0.2	0.3%
50.6%	67.8	68.1	0.3	0.4%
51.9%	67.8	68.0	0.2	0.3%
53.1%	67.7	67.9	0.2	0.3%
54.3%	67.4	67.9	0.5	0.7%
55.6%	67.3	67.8	0.5	0.7%
56.8%	67.3	67.6	0.3	0.4%
58.0%	67.2	67.5	0.3	0.4%
59.3%	67.2	67.3	0.1	0.1%
60.5%	66.7	67.2	0.5	0.7%
61.7%	66.6	67.1	0.5	0.8%
63.0%	66.4	66.4	0.0	0.0%
64.2%	66.4	66.4	0.0	0.0%
65.4%	66.3	66.3	0.0	0.0%
66.7%	66.2	66.2	0.0	0.0%
67.9%	66.0	66.0	0.0	0.0%
69.1%	65.9	65.9	0.0	0.0%
70.4%	65.9	65.9	0.0	0.0%
71.6%	65.9	65.9	0.0	0.0%
72.8%	65.7	65.7	0.0	0.0%
74.1%	65.6	65.6	0.0	0.0%
75.3%	65.6	65.6	0.0	0.0%
76.5%	65.6	65.6	0.0	0.0%
77.8%	65.4	65.4	0.0	0.0%
79.0%	65.1	65.1	0.0	0.0%
80.2%	64.7	64.7	0.0	0.0%
81.5%	64.6	64.6	0.0	0.0%
82.7%	64.6	64.6	0.0	0.0%
84.0%	64.6	64.6	0.0	0.0%
85.2%	64.4	64.4	0.0	0.0%
86.4%	64.3	64.3	0.0	0.0%
87.7%	64.3	64.3	0.0	0.0%
88.9%	64.2	64.2	0.0	0.0%
90.1%	64.1	64.0	-0.1	-0.2%
91.4%	64.0	64.0	0.0	0.0%
92.6%	63.9	63.9	0.0	0.0%
93.8%	63.9	63.9	0.0	0.0%
95.1%	63.7	63.7	0.0	0.0%
96.3%	63.5	63.5	0.0	0.0%
97.5%	63.3	63.3	0.0	0.0%
98.8%	62.9	62.9	0.0	0.0%
100.0%	62.9	62.9	0.0	0.0%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	78.0	77.7	-0.3	-0.4%
1.2%	77.5	75.6	-1.9	-2.5%
2.5%	74.9	74.9	0.0	0.0%
3.7%	74.5	74.5	0.0	0.0%
4.9%	74.5	74.4	-0.1	-0.1%
6.2%	73.1	73.8	0.7	1.0%
7.4%	72.9	73.4	0.5	0.7%
8.6%	72.7	72.4	-0.3	-0.4%
9.9%	72.2	72.1	-0.1	-0.1%
11.1%	72.1	72.1	0.0	0.0%
12.3%	71.9	71.9	0.0	0.0%
13.6%	71.8	71.9	0.1	0.1%
14.8%	71.8	71.8	0.0	0.0%
16.0%	71.6	71.7	0.1	0.1%
17.3%	71.4	71.7	0.3	0.4%
18.5%	71.4	71.7	0.3	0.4%
19.8%	71.3	71.6	0.3	0.4%
21.0%	71.1	71.2	0.1	0.1%
22.2%	71.0	71.1	0.1	0.1%
23.5%	70.7	71.1	0.4	0.6%
24.7%	70.6	71.0	0.4	0.6%
25.9%	70.6	70.9	0.3	0.4%
27.2%	70.4	70.9	0.5	0.7%
28.4%	70.3	70.9	0.6	0.9%
29.6%	70.2	70.8	0.6	0.9%
30.9%	70.2	70.7	0.5	0.7%
32.1%	70.2	70.6	0.4	0.6%
33.3%	70.2	70.6	0.4	0.6%
34.6%	70.1	70.5	0.4	0.6%
35.8%	69.9	70.4	0.5	0.7%
37.0%	69.8	70.2	0.4	0.6%
38.3%	69.7	70.2	0.5	0.7%
39.5%	69.7	70.1	0.4	0.6%
40.7%	69.5	70.1	0.6	0.9%
42.0%	69.4	70.1	0.7	1.0%
43.2%	69.4	70.1	0.7	1.0%
44.4%	69.3	69.9	0.6	0.9%
45.7%	69.3	69.8	0.5	0.7%
46.9%	69.3	69.8	0.5	0.7%
48.1%	69.1	69.6	0.5	0.7%
49.4%	69.0	69.6	0.6	0.9%
50.6%	68.9	69.6	0.7	1.0%
51.9%	68.9	69.5	0.6	0.9%
53.1%	68.9	69.5	0.6	0.9%
54.3%	68.8	69.4	0.6	0.9%
55.6%	68.8	69.4	0.6	0.9%
56.8%	68.7	69.3	0.6	0.9%
58.0%	68.7	69.1	0.4	0.6%
59.3%	68.7	69.1	0.4	0.6%
60.5%	68.7	68.9	0.2	0.3%
61.7%	68.6	68.9	0.3	0.4%
63.0%	68.6	68.7	0.1	0.1%
64.2%	68.6	68.7	0.1	0.1%
65.4%	68.6	68.7	0.1	0.1%
66.7%	68.6	68.6	0.0	0.0%
67.9%	68.4	68.6	0.2	0.3%
69.1%	68.4	68.5	0.1	0.1%
70.4%	68.3	68.4	0.1	0.1%
71.6%	68.3	68.4	0.1	0.1%
72.8%	68.2	68.3	0.1	0.1%
74.1%	68.2	68.2	0.0	0.0%
75.3%	68.1	68.2	0.1	0.1%
76.5%	68.1	68.1	0.0	0.0%
77.8%	68.1	68.1	0.0	0.0%
79.0%	68.0	68.0	0.0	0.0%
80.2%	68.0	68.0	0.0	0.0%
81.5%	68.0	68.0	0.0	0.0%
82.7%	68.0	67.9	-0.1	-0.1%
84.0%	68.0	67.9	-0.1	-0.1%
85.2%	67.9	67.9	0.0	0.0%
86.4%	67.9	67.8	-0.1	-0.1%
87.7%	67.9	67.8	-0.1	-0.1%
88.9%	67.9	67.7	-0.2	-0.3%
90.1%	67.8	67.7	-0.1	-0.1%
91.4%	67.8	67.7	-0.1	-0.1%
92.6%	67.8	67.6	-0.2	-0.3%
93.8%	67.6	67.6	0.0	0.0%
95.1%	67.5	67.5	0.0	0.0%
96.3%	67.5	67.4	-0.1	-0.1%
97.5%	67.5	67.3	-0.2	-0.3%
98.8%	66.9	66.7	-0.2	-0.3%
100.0%	66.9	66.7	-0.2	-0.3%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	75.5	75.4	-0.1	-0.1%
1.2%	74.7	73.9	-0.8	-1.1%
2.5%	74.4	73.7	-0.7	-0.9%
3.7%	74.1	73.6	-0.5	-0.7%
4.9%	73.9	73.5	-0.4	-0.5%
6.2%	73.8	73.4	-0.4	-0.5%
7.4%	73.6	72.9	-0.7	-1.0%
8.6%	73.5	72.9	-0.6	-0.8%
9.9%	73.0	72.7	-0.3	-0.4%
11.1%	73.0	72.5	-0.5	-0.7%
12.3%	72.9	72.4	-0.5	-0.7%
13.6%	72.5	72.4	-0.1	-0.1%
14.8%	72.4	72.3	-0.1	-0.1%
16.0%	72.2	72.1	-0.1	-0.1%
17.3%	72.2	72.1	-0.1	-0.1%
18.5%	72.2	71.9	-0.3	-0.4%
19.8%	72.0	71.9	-0.1	-0.1%
21.0%	72.0	71.6	-0.4	-0.6%
22.2%	71.9	71.6	-0.3	-0.4%
23.5%	71.9	71.5	-0.4	-0.6%
24.7%	71.9	71.2	-0.7	-1.0%
25.9%	71.8	71.2	-0.6	-0.8%
27.2%	71.7	71.1	-0.6	-0.8%
28.4%	71.6	71.1	-0.5	-0.7%
29.6%	71.6	71.0	-0.6	-0.8%
30.9%	71.4	70.8	-0.6	-0.8%
32.1%	71.4	70.8	-0.6	-0.8%
33.3%	71.3	70.7	-0.6	-0.8%
34.6%	71.3	70.7	-0.6	-0.8%
35.8%	71.1	70.6	-0.5	-0.7%
37.0%	71.0	70.6	-0.4	-0.6%
38.3%	70.9	70.4	-0.5	-0.7%
39.5%	70.7	70.3	-0.4	-0.6%
40.7%	70.5	70.3	-0.2	-0.3%
42.0%	70.1	70.1	0.0	0.0%
43.2%	70.1	70.1	0.0	0.0%
44.4%	70.1	70.0	-0.1	-0.1%
45.7%	70.0	70.0	0.0	0.0%
46.9%	70.0	70.0	0.0	0.0%
48.1%	69.9	69.9	0.0	0.0%
49.4%	69.7	69.8	0.1	0.1%
50.6%	69.7	69.8	0.1	0.1%
51.9%	69.7	69.8	0.1	0.1%
53.1%	69.7	69.7	0.0	0.0%
54.3%	69.6	69.7	0.1	0.1%
55.6%	69.6	69.7	0.1	0.1%
56.8%	69.6	69.5	-0.1	-0.1%
58.0%	69.5	69.5	0.0	0.0%
59.3%	69.4	69.5	0.1	0.1%
60.5%	69.4	69.4	0.0	0.0%
61.7%	69.4	69.4	0.0	0.0%
63.0%	69.4	69.4	0.0	0.0%
64.2%	69.4	69.3	-0.1	-0.1%
65.4%	69.3	69.2	-0.1	-0.1%
66.7%	69.3	69.2	-0.1	-0.1%
67.9%	69.3	69.2	-0.1	-0.1%
69.1%	69.2	69.1	-0.1	-0.1%
70.4%	68.9	69.1	0.2	0.3%
71.6%	68.9	69.1	0.2	0.3%
72.8%	68.9	68.9	0.0	0.0%
74.1%	68.7	68.8	0.1	0.1%
75.3%	68.7	68.6	-0.1	-0.1%
76.5%	68.5	68.5	0.0	0.0%
77.8%	68.5	68.5	0.0	0.0%
79.0%	68.4	68.4	0.0	0.0%
80.2%	68.4	68.4	0.0	0.0%
81.5%	68.2	68.3	0.1	0.1%
82.7%	68.2	68.3	0.1	0.1%
84.0%	68.2	68.2	0.0	0.0%
85.2%	68.1	68.1	0.0	0.0%
86.4%	68.1	68.1	0.0	0.0%
87.7%	68.0	68.1	0.1	0.1%
88.9%	68.0	68.0	0.0	0.0%
90.1%	67.8	68.0	0.2	0.3%
91.4%	67.8	67.8	0.0	0.0%
92.6%	67.8	67.8	0.0	0.0%
93.8%	67.8	67.8	0.0	0.0%
95.1%	67.6	67.6	0.0	0.0%
96.3%	67.4	67.4	0.0	0.0%
97.5%	67.3	67.3	0.0	0.0%
98.8%	67.0	67.2	0.2	0.3%
100.0%	67.0	67.2	0.2	0.3%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	71.2	70.9	-0.3	-0.4%
1.2%	71.1	70.6	-0.5	-0.7%
2.5%	70.9	70.3	-0.6	-0.8%
3.7%	70.6	70.3	-0.3	-0.4%
4.9%	70.3	70.2	-0.1	-0.1%
6.2%	70.2	70.1	-0.1	-0.1%
7.4%	70.1	70.0	-0.1	-0.1%
8.6%	70.0	69.8	-0.2	-0.3%
9.9%	69.8	69.7	-0.1	-0.1%
11.1%	69.7	69.7	0.0	0.0%
12.3%	69.6	69.5	-0.1	-0.1%
13.6%	69.6	69.5	-0.1	-0.1%
14.8%	69.5	69.3	-0.2	-0.3%
16.0%	69.1	69.2	0.1	0.1%
17.3%	69.1	69.2	0.1	0.1%
18.5%	69.0	69.0	0.0	0.0%
19.8%	69.0	68.8	-0.2	-0.3%
21.0%	69.0	68.8	-0.2	-0.3%
22.2%	68.9	68.7	-0.2	-0.3%
23.5%	68.7	68.7	0.0	0.0%
24.7%	68.7	68.6	-0.1	-0.1%
25.9%	68.7	68.6	-0.1	-0.1%
27.2%	68.7	68.4	-0.3	-0.4%
28.4%	68.6	68.4	-0.2	-0.3%
29.6%	68.5	68.3	-0.2	-0.3%
30.9%	68.5	68.2	-0.3	-0.4%
32.1%	68.4	68.2	-0.2	-0.3%
33.3%	68.4	68.2	-0.2	-0.3%
34.6%	68.3	68.1	-0.2	-0.3%
35.8%	68.1	67.9	-0.2	-0.3%
37.0%	68.0	67.8	-0.2	-0.3%
38.3%	68.0	67.7	-0.3	-0.4%
39.5%	67.9	67.6	-0.3	-0.4%
40.7%	67.8	67.5	-0.3	-0.4%
42.0%	67.7	67.5	-0.2	-0.3%
43.2%	67.6	67.5	-0.1	-0.1%
44.4%	67.5	67.5	0.0	0.0%
45.7%	67.4	67.4	0.0	0.0%
46.9%	67.3	67.3	0.0	0.0%
48.1%	67.2	67.3	0.1	0.1%
49.4%	67.1	67.3	0.2	0.3%
50.6%	67.1	67.2	0.1	0.1%
51.9%	67.0	67.2	0.2	0.3%
53.1%	67.0	67.1	0.1	0.1%
54.3%	67.0	67.1	0.1	0.1%
55.6%	66.9	67.0	0.1	0.1%
56.8%	66.9	66.9	0.0	0.0%
58.0%	66.9	66.9	0.0	0.0%
59.3%	66.8	66.9	0.1	0.1%
60.5%	66.8	66.9	0.1	0.1%
61.7%	66.8	66.9	0.1	0.1%
63.0%	66.7	66.9	0.2	0.3%
64.2%	66.7	66.8	0.1	0.1%
65.4%	66.7	66.7	0.0	0.0%
66.7%	66.7	66.7	0.0	0.0%
67.9%	66.6	66.7	0.1	0.2%
69.1%	66.6	66.7	0.1	0.2%
70.4%	66.6	66.7	0.1	0.2%
71.6%	66.6	66.6	0.0	0.0%
72.8%	66.5	66.6	0.1	0.2%
74.1%	66.5	66.6	0.1	0.2%
75.3%	66.5	66.5	0.0	0.0%
76.5%	66.5	66.5	0.0	0.0%
77.8%	66.4	66.5	0.1	0.2%
79.0%	66.4	66.4	0.0	0.0%
80.2%	66.4	66.4	0.0	0.0%
81.5%	66.2	66.4	0.2	0.3%
82.7%	66.2	66.2	0.0	0.0%
84.0%	66.1	66.1	0.0	0.0%
85.2%	66.0	66.0	0.0	0.0%
86.4%	65.9	66.0	0.1	0.2%
87.7%	65.8	65.9	0.1	0.2%
88.9%	65.8	65.8	0.0	0.0%
90.1%	65.6	65.8	0.2	0.3%
91.4%	65.4	65.8	0.4	0.6%
92.6%	65.4	65.7	0.3	0.5%
93.8%	65.3	65.5	0.2	0.3%
95.1%	65.3	65.5	0.2	0.3%
96.3%	65.2	65.2	0.0	0.0%
97.5%	64.9	65.1	0.2	0.3%
98.8%	64.4	65.1	0.7	1.1%
100.0%	64.4	65.1	0.7	1.1%

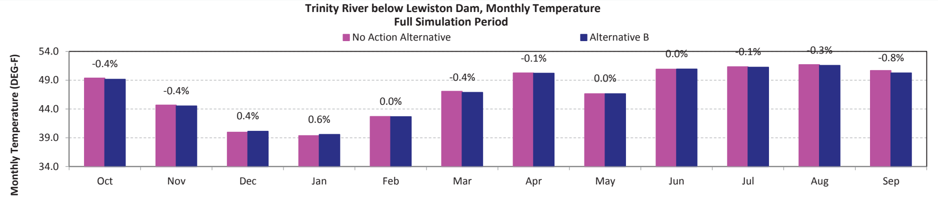
Table SQ-33-5a
Trinity River below Lewiston Dam, Monthly Temperature
Long-term Average and Average by Water Year Type

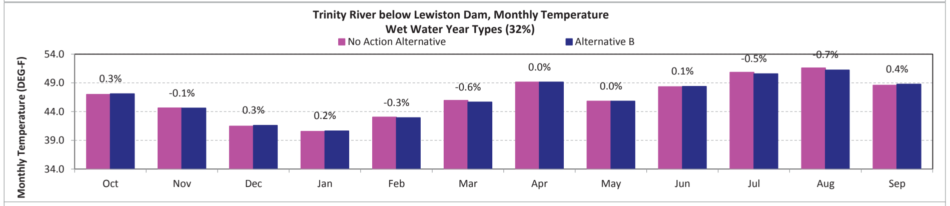
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	49.4	44.7	40.0	39.4	42.7	47.0	50.2	46.6	50.9	51.3	51.7	50.7
Alternative B	49.2	44.5	40.1	39.6	42.7	46.9	50.2	46.6	50.9	51.3	51.6	50.3
Difference	-0.2	-0.2	0.1	0.2	0.0	-0.2	-0.1	0.0	0.0	-0.1	-0.1	-0.4
Percent Difference[3]	-0.4%	-0.4%	0.4%	0.6%	0.0%	-0.4%	-0.1%	0.0%	0.0%	-0.1%	-0.3%	-0.8%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	47.0	44.6	41.5	40.6	43.0	45.9	49.1	45.8	48.3	50.8	51.6	48.6
Alternative B	47.1	44.6	41.6	40.6	42.9	45.7	49.1	45.8	48.4	50.6	51.2	48.8
Difference	0.1	0.0	0.1	0.1	-0.1	-0.3	0.0	0.0	0.1	-0.3	-0.4	0.2
Percent Difference	0.3%	-0.1%	0.3%	0.2%	-0.3%	-0.6%	0.0%	0.0%	0.1%	-0.5%	-0.7%	0.4%
Above Normal (15%)												
No Action Alternative	48.2	43.3	40.2	38.6	42.6	47.3	49.9	45.9	50.6	51.6	50.9	48.8
Alternative B	47.6	42.9	40.2	38.8	42.6	47.3	50.0	45.8	50.5	51.5	50.7	48.6
Difference	-0.6	-0.4	-0.1	0.2	0.0	0.0	0.1	-0.1	-0.1	-0.1	-0.2	-0.1
Percent Difference	-1.2%	-0.9%	-0.2%	0.4%	0.0%	-0.1%	0.2%	-0.2%	-0.3%	-0.2%	-0.4%	-0.3%
Below Normal (17%)												
No Action Alternative	50.2	44.7	39.0	38.7	41.9	46.8	51.1	46.4	51.3	52.0	52.0	51.3
Alternative B	49.8	44.6	39.2	38.8	42.0	46.7	51.1	46.4	51.5	52.1	52.3	51.3
Difference	-0.4	-0.1	0.3	0.1	0.0	-0.1	0.0	0.0	0.1	0.1	0.3	0.0
Percent Difference	-0.8%	-0.1%	0.7%	0.3%	0.1%	-0.3%	0.1%	0.0%	0.3%	0.2%	0.5%	0.1%
Dry (22%)												
No Action Alternative	49.5	45.0	39.6	38.4	42.4	47.9	51.4	46.7	51.9	50.7	50.1	50.3
Alternative B	49.5	44.5	39.7	38.9	42.4	47.7	51.1	46.8	52.0	50.4	50.4	49.8
Difference	0.0	-0.4	0.1	0.4	0.0	-0.2	-0.3	0.0	0.1	-0.4	0.2	-0.5
Percent Difference	0.0%	-1.0%	0.2%	1.2%	0.0%	-0.5%	-0.6%	0.1%	0.2%	-0.7%	0.5%	-1.0%
Critical (15%)												
No Action Alternative	54.5	45.7	38.2	39.4	43.1	48.0	50.2	49.3	55.5	52.5	54.4	56.6
Alternative B	53.8	45.7	38.6	39.8	43.2	47.9	50.2	49.3	55.3	53.1	53.8	54.2
Difference	-0.7	0.0	0.4	0.4	0.1	-0.1	-0.1	0.0	-0.2	0.6	-0.6	-2.4
Percent Difference	-1.3%	-0.1%	0.9%	0.9%	0.2%	-0.1%	-0.1%	-0.1%	-0.3%	1.1%	-1.1%	-4.2%

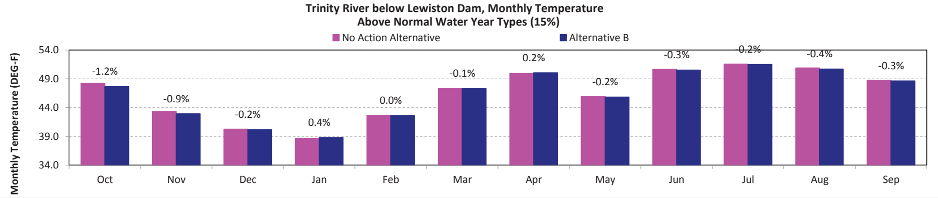
1 Based on the 82-year simulation period

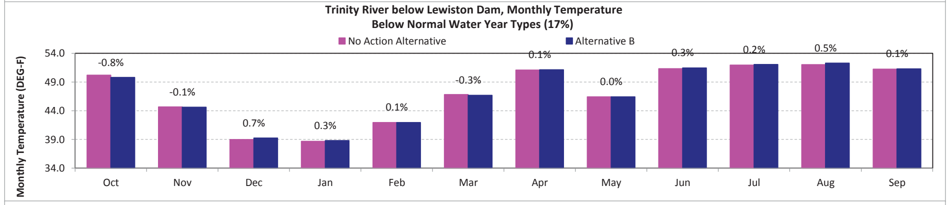
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

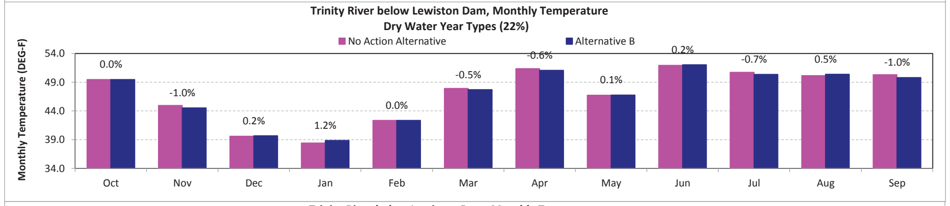
3 Relative difference of the monthly average











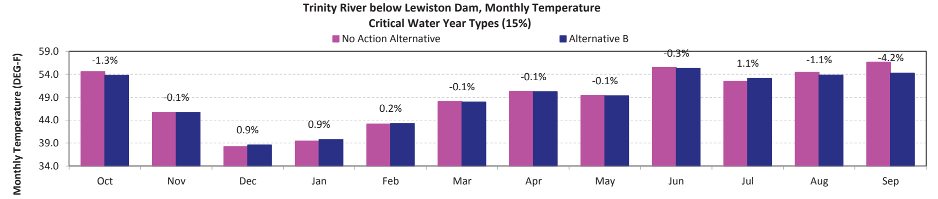


Figure SQ-33-5b
Trinity River below Lewiston Dam, Monthly Temperature
Probability of Exceedance

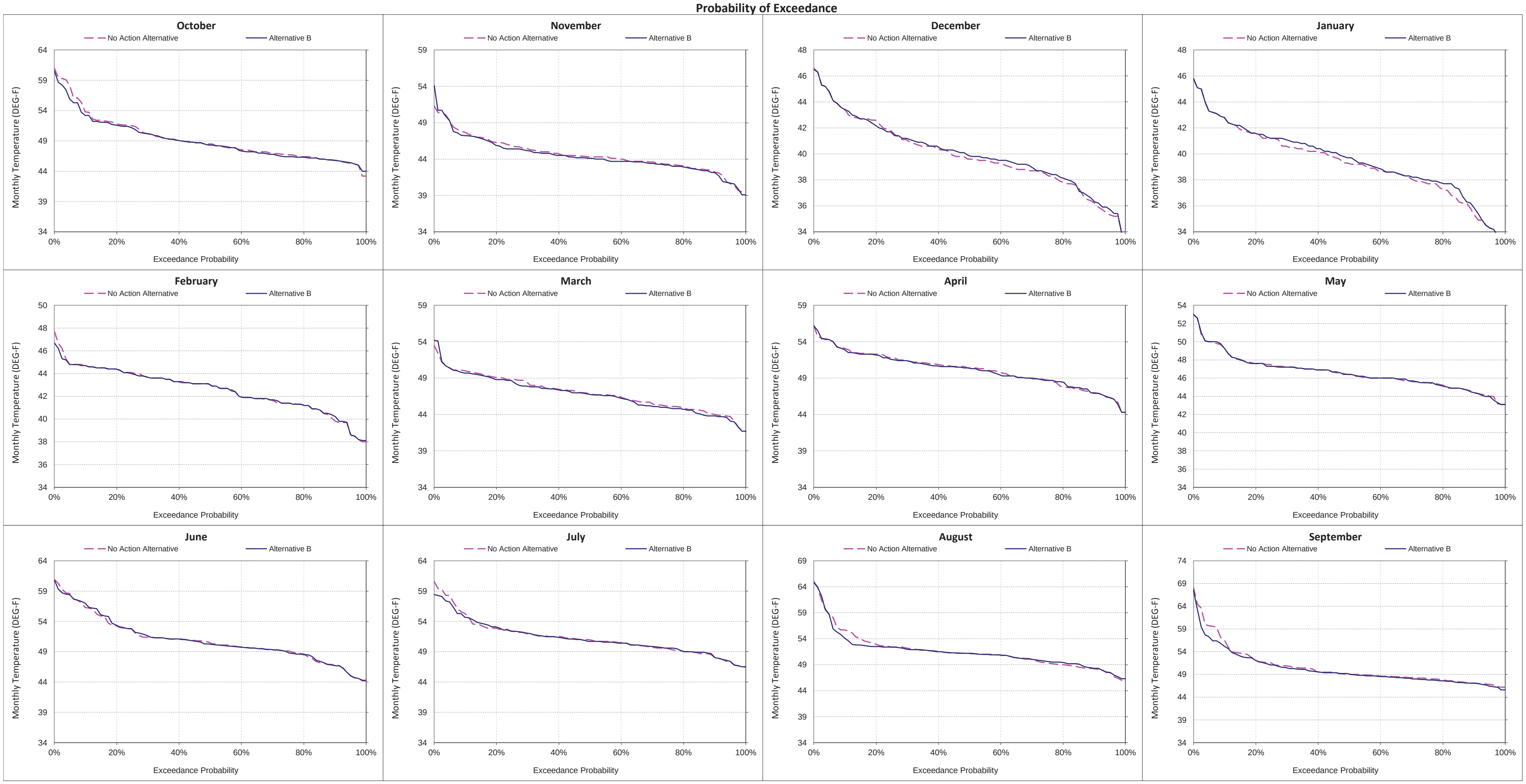


Table SQ-33-5b

Trinity River below Lewiston Dam, Monthly Temperature
Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	61.0	60.5	-0.5	-0.8%
1.2%	59.5	58.7	-0.8	-1.3%
2.5%	59.3	58.2	-1.1	-1.9%
3.7%	59.1	57.5	-1.6	-2.7%
4.9%	58.1	55.9	-2.2	-3.8%
6.2%	56.1	55.3	-0.8	-1.4%
7.4%	56.1	55.3	-0.8	-1.4%
8.6%	55.4	53.7	-1.7	-3.1%
9.9%	53.8	53.2	-0.6	-1.1%
11.1%	53.7	53.2	-0.5	-0.9%
12.3%	52.6	52.2	-0.4	-0.8%
13.6%	52.4	52.2	-0.2	-0.4%
14.8%	52.4	52.1	-0.3	-0.6%
16.0%	52.3	52.1	-0.2	-0.4%
17.3%	52.2	52.0	-0.2	-0.4%
18.5%	52.1	51.7	-0.4	-0.8%
19.8%	51.8	51.6	-0.2	-0.4%
21.0%	51.7	51.5	-0.2	-0.4%
22.2%	51.6	51.4	-0.2	-0.4%
23.5%	51.6	51.4	-0.2	-0.4%
24.7%	51.5	51.2	-0.3	-0.6%
25.9%	51.4	50.9	-0.5	-1.0%
27.2%	50.9	50.4	-0.5	-1.0%
28.4%	50.4	50.3	-0.1	-0.2%
29.6%	50.2	50.2	0.0	0.0%
30.9%	50.1	50.1	0.0	0.0%
32.1%	49.8	49.9	0.1	0.2%
33.3%	49.7	49.8	0.1	0.2%
34.6%	49.6	49.5	-0.1	-0.2%
35.8%	49.3	49.4	0.1	0.2%
37.0%	49.3	49.3	0.0	0.0%
38.3%	49.3	49.2	-0.1	-0.2%
39.5%	49.1	49.1	0.0	0.0%
40.7%	49.0	49.0	0.0	0.0%
42.0%	48.9	48.9	0.0	0.0%
43.2%	48.9	48.8	-0.1	-0.2%
44.4%	48.7	48.8	0.1	0.2%
45.7%	48.7	48.7	0.0	0.0%
46.9%	48.7	48.7	0.0	0.0%
48.1%	48.5	48.5	0.0	0.0%
49.4%	48.5	48.3	-0.2	-0.4%
50.6%	48.5	48.3	-0.2	-0.4%
51.9%	48.2	48.2	0.0	0.0%
53.1%	48.2	48.2	0.0	0.0%
54.3%	48.0	48.1	0.1	0.2%
55.6%	47.9	48.0	0.1	0.2%
56.8%	47.8	47.9	0.1	0.2%
58.0%	47.8	47.9	0.1	0.2%
59.3%	47.6	47.4	-0.2	-0.4%
60.5%	47.5	47.3	-0.2	-0.4%
61.7%	47.5	47.2	-0.3	-0.6%
63.0%	47.4	47.2	-0.2	-0.4%
64.2%	47.2	47.2	0.0	0.0%
65.4%	47.2	47.0	-0.2	-0.4%
66.7%	47.2	47.0	-0.2	-0.4%
67.9%	47.2	46.9	-0.3	-0.6%
69.1%	47.0	46.8	-0.2	-0.4%
70.4%	46.9	46.8	-0.1	-0.2%
71.6%	46.9	46.6	-0.3	-0.6%
72.8%	46.8	46.5	-0.3	-0.6%
74.1%	46.8	46.4	-0.4	-0.9%
75.3%	46.7	46.4	-0.3	-0.6%
76.5%	46.7	46.4	-0.3	-0.6%
77.8%	46.5	46.3	-0.2	-0.4%
79.0%	46.4	46.3	-0.1	-0.2%
80.2%	46.4	46.3	-0.1	-0.2%
81.5%	46.4	46.2	-0.2	-0.4%
82.7%	46.3	46.2	-0.1	-0.2%
84.0%	46.2	46.2	0.0	0.0%
85.2%	46.0	46.0	0.0	0.0%
86.4%	46.0	46.0	0.0	0.0%
87.7%	45.9	45.9	0.0	0.0%
88.9%	45.9	45.8	-0.1	-0.2%
90.1%	45.8	45.8	0.0	0.0%
91.4%	45.8	45.7	-0.1	-0.2%
92.6%	45.5	45.6	0.1	0.2%
93.8%	45.4	45.5	0.1	0.2%
95.1%	45.3	45.4	0.1	0.2%
96.3%	45.2	45.2	0.0	0.0%
97.5%	45.0	45.0	0.0	0.0%
98.8%	43.2	44.0	0.8	1.9%
100.0%	43.2	44.0	0.8	1.9%

November				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	51.3	54.1	2.8	5.5%
1.2%	50.4	50.7	0.3	0.6%
2.5%	50.3	50.7	0.4	0.8%
3.7%	50.1	49.9	-0.2	-0.4%
4.9%	49.3	49.3	0.0	0.0%
6.2%	48.4	47.8	-0.6	-1.2%
7.4%	48.1	47.6	-0.5	-1.0%
8.6%	47.8	47.3	-0.5	-1.0%
9.9%	47.7	47.2	-0.5	-1.0%
11.1%	47.4	47.2	-0.2	-0.4%
12.3%	47.3	47.1	-0.2	-0.4%
13.6%	47.0	47.0	0.0	0.0%
14.8%	47.0	46.9	-0.1	-0.2%
16.0%	46.9	46.7	-0.2	-0.4%
17.3%	46.7	46.5	-0.2	-0.4%
18.5%	46.4	46.3	-0.1	-0.2%
19.8%	46.3	45.9	-0.4	-0.9%
21.0%	46.3	45.8	-0.5	-1.1%
22.2%	46.2	45.5	-0.7	-1.5%
23.5%	46.0	45.4	-0.6	-1.3%
24.7%	45.9	45.4	-0.5	-1.1%
25.9%	45.7	45.4	-0.3	-0.7%
27.2%	45.7	45.4	-0.3	-0.7%
28.4%	45.5	45.3	-0.2	-0.4%
29.6%	45.5	45.2	-0.3	-0.7%
30.9%	45.3	45.1	-0.2	-0.4%
32.1%	45.2	44.9	-0.3	-0.7%
33.3%	45.1	44.9	-0.2	-0.4%
34.6%	45.0	44.8	-0.2	-0.4%
35.8%	45.0	44.8	-0.2	-0.4%
37.0%	45.0	44.8	-0.2	-0.4%
38.3%	44.8	44.6	-0.2	-0.4%
39.5%	44.8	44.5	-0.3	-0.7%
40.7%	44.6	44.5	-0.1	-0.2%
42.0%	44.5	44.5	0.0	0.0%
43.2%	44.5	44.3	-0.2	-0.4%
44.4%	44.5	44.3	-0.2	-0.4%
45.7%	44.5	44.2	-0.3	-0.7%
46.9%	44.4	44.2	-0.2	-0.5%
48.1%	44.4	44.2	-0.2	-0.5%
49.4%	44.3	44.1	-0.2	-0.5%
50.6%	44.3	44.1	-0.2	-0.5%
51.9%	44.3	44.0	-0.3	-0.7%
53.1%	44.3	44.0	-0.3	-0.7%
54.3%	44.3	44.0	-0.3	-0.7%
55.6%	44.3	43.8	-0.5	-1.1%
56.8%	44.1	43.7	-0.4	-0.9%
58.0%	44.1	43.7	-0.4	-0.9%
59.3%	44.0	43.7	-0.3	-0.7%
60.5%	44.0	43.7	-0.3	-0.7%
61.7%	43.8	43.7	-0.1	-0.2%
63.0%	43.7	43.7	0.0	0.0%
64.2%	43.7	43.6	-0.1	-0.2%
65.4%	43.7	43.6	-0.1	-0.2%
66.7%	43.7	43.6	-0.1	-0.2%
67.9%	43.7	43.5	-0.2	-0.5%
69.1%	43.6	43.4	-0.2	-0.5%
70.4%	43.6	43.4	-0.2	-0.5%
71.6%	43.4	43.3	-0.1	-0.2%
72.8%	43.4	43.3	-0.1	-0.2%
74.1%	43.3	43.2	-0.1	-0.2%
75.3%	43.3	43.2	-0.1	-0.2%
76.5%	43.2	43.0	-0.2	-0.5%
77.8%	43.2	43.0	-0.2	-0.5%
79.0%	43.1	43.0	-0.1	-0.2%
80.2%	43.1	42.9	-0.2	-0.5%
81.5%	42.9	42.8	-0.1	-0.2%
82.7%	42.7	42.7	0.0	0.0%
84.0%	42.7	42.6	-0.1	-0.2%
85.2%	42.6	42.5	-0.1	-0.2%
86.4%	42.6	42.4	-0.2	-0.5%
87.7%	42.5	42.4	-0.1	-0.2%
88.9%	42.5	42.2	-0.3	-0.7%
90.1%	42.2	42.1	-0.1	-0.2%
91.4%	42.1	41.7	-0.4	-1.0%
92.6%	41.7	40.9	-0.8	-1.9%
93.8%	40.9	40.8	-0.1	-0.2%
95.1%	40.6	40.7	0.1	0.2%
96.3%	40.4	40.6	0.2	0.5%
97.5%	39.7	39.9	0.2	0.5%
98.8%	39.5	39.1	-0.4	-1.0%
100.0%	39.5	39.1	-0.4	-1.0%

December				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	46.6	46.5	-0.1	-0.2%
1.2%	46.3	46.3	0.0	0.0%
2.5%	45.3	45.3	0.0	0.0%
3.7%	45.2	45.2	0.0	0.0%
4.9%	44.8	44.8	0.0	0.0%
6.2%	44.1	44.1	0.0	0.0%
7.4%	43.9	43.9	0.0	0.0%
8.6%	43.6	43.6	0.0	0.0%
9.9%	43.5	43.4	-0.1	-0.2%
11.1%	43.0	43.3	0.3	0.7%
12.3%	42.8	43.0	0.2	0.5%
13.6%	42.8	42.9	0.1	0.2%
14.8%	42.7	42.7	0.0	0.0%
16.0%	42.7	42.7	0.0	0.0%
17.3%	42.7	42.6	-0.1	-0.2%
18.5%	42.6	42.4	-0.2	-0.5%
19.8%	42.6	42.2	-0.4	-0.9%
21.0%	42.3	42.0	-0.3	-0.7%
22.2%	42.0	41.9	-0.1	-0.2%
23.5%	41.9	41.7	-0.2	-0.5%
24.7%	41.8	41.7	-0.1	-0.2%
25.9%	41.5	41.4	-0.1	-0.2%
27.2%	41.3	41.4	0.1	0.2%
28.4%	41.1	41.2	0.1	0.2%
29.6%	41.1	41.2	0.1	0.2%
30.9%	40.9	41.1	0.2	0.5%
32.1%	40.8	41.0	0.2	0.5%
33.3%	40.7	40.9	0.2	0.5%
34.6%	40.6	40.9	0.3	0.7%
35.8%	40.6	40.8	0.2	0.5%
37.0%	40.6	40.6	0.0	0.0%
38.3%	40.6	40.6	0.0	0.0%
39.5%	40.4	40.6	0.2	0.5%
40.7%	40.3	40.4	0.1	0.2%
42.0%	40.3	40.3	0.0	0.0%
43.2%	40.2	40.3	0.1	0.2%
44.4%	39.9	40.3	0.4	1.0%
45.7%	39.8	40.2	0.4	1.0%
46.9%	39.8	40.1	0.3	0.8%
48.1%	39.8	40.1	0.3	0.8%
49.4%	39.6	39.9	0.3	0.8%
50.6%	39.6	39.8	0.2	0.5%
51.9%	39.6	39.8	0.2	0.5%
53.1%	39.5	39.8	0.3	0.8%
54.3%	39.5	39.7	0.2	0.5%
55.6%	39.5	39.7	0.2	0.5%
56.8%	39.4	39.6	0.2	0.5%
58.0%	39.3	39.6	0.3	0.8%
59.3%	39.3	39.5	0.2	0.5%
60.5%	39.2	39.5	0.3	0.8%
61.7%	39.1	39.5	0.4	1.0%
63.0%	39.0	39.4	0.4	1.0%
64.2%	38.9	39.3	0.4	1.0%
65.4%	38.8	39.2	0.4	1.0%
66.7%	38.8	39.2	0.4	1.0%
67.9%	38.8	39.2	0.4	1.0%
69.1%	38.7	39.1	0.4	1.0%
70.4%	38.7	38.9	0.2	0.5%
71.6%	38.7	38.7	0.0	0.0%
72.8%	38.6	38.7	0.1	0.3%
74.1%	38.5	38.6	0.1	0.3%
75.3%	38.3	38.5	0.2	0.5%
76.5%	38.3	38.4	0.1	0.3%
77.8%	38.1	38.4	0.3	0.8%
79.0%	37.9	38.2	0.3	0.8%
80.2%	37.8	38.1	0.3	0.8%
81.5%	37.7	38.0	0.3	0.8%
82.7%	37.7	37.9	0.2	0.5%
84.0%	37.6	37.7	0.1	0.3%
85.2%	37.3	37.1	-0.2	-0.5%
86.4%	36.8	37.0	0.2	0.5%
87.7%	36.5	36.8	0.3	0.8%
88.9%	36.4	36.6	0.2	0.5%
90.1%	36.2	36.3	0.1	0.3%
91.4%	35.9	36.2	0.3	0.8%
92.6%	35.7	35.9	0.2	0.6%
93.8%	35.5	35.9	0.4	1.1%
95.1%	35.3	35.7	0.4	1.1%
96.3%	35.2	35.4	0.2	0.6%
97.5%	35.2	35.4	0.2	0.6%
98.8%	34.0	33.9	-0.1	-0.3%
100.0%	34.0	33.9	-0.1	-0.3%

January				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	45.8	45.8	0.0	0.0%
1.2%	45.1	45.1	0.0	0.0%
2.5%	45.0	45.0	0.0	0.0%
3.7%	44.0	44.0	0.0	0.0%
4.9%	43.3	43.3	0.0	0.0%
6.2%	43.2	43.2	0.0	0.0%
7.4%	43.1	43.1	0.0	0.0%
8.6%	42.9	42.9	0.0	0.0%
9.9%	42.8	42.8	0.0	0.0%
11.1%	42.4	42.4	0.0	0.0%
12.3%	42.3	42.3	0.0	0.0%
13.6%	42.2	42.2	0.0	0.0%
14.8%	41.9	42.2	0.3	0.7%
16.0%	41.8	42.0	0.2	0.5%
17.3%	41.7	41.8	0.1	0.2%
18.5%	41.6	41.6	0.0	0.0%
19.8%	41.6	41.6	0.0	0.0%
21.0%	41.5	41.5	0.0	0.0%
22.2%	41.2	41.5	0.3	0.7%
23.5%	41.2	41.3	0.1	0.2%
24.7%	41.2	41.2	0.0	0.0%
25.9%	41.2	41.2	0.0	0.0%
27.2%	41.1	41.2	0.1	0.2%
28.4%	40.6	41.2	0.6	1.5%
29.6%	40.6	41.1	0.5	1.2%
30.9%	40.5	41.0	0.5	1.2%
32.1%	40.5	40.9	0.4	1.0%
33.3%	40.4	40.9	0.5	1.2%
34.6%	40.4	40.8	0.4	1.0%
35.8%	40.3	40.8	0.5	1.2%
37.0%	40.2	40.6	0.4	1.0%
38.3%	40.2	40.6	0.4	1.0%
39.5%	40.2	40.4	0.2	0.5%
40.7%	40.1	40.4	0.3	0.7%
42.0%	40.1	40.2	0.1	0.2%
43.2%	39.9	40.2	0.3	0.8%
44.4%	39.8	40.1	0.3	0.8%
45.7%	39.7	40.1	0.4	1.0%
46.9%	39.6	39.9	0.3	0.8%
48.1%	39.3	39.8	0.5	1.3%
49.4%	39.3	39.7	0.4	1.0%
50.6%	39.2	39.7	0.5	1.3%
51.9%	39.2	39.5	0.3	0.8%
53.1%	39.2	39.3	0.1	0.3%
54.3%	39.2	39.3	0.1	0.3%
55.6%	39.0	39.2	0.2	0.5%
56.8%	38.9	39.1	0.2	0.5%
58.0%	38.9	39.0	0.1	0.3%
59.3%	38.7	38.9	0.2	0.5%
60.5%	38.7	38.8	0.1	0.3%
61.7%	38.6	38.6	0.0	0.0%
63.0%	38.6	38.6	0.0	0.0%
64.2%	38.6	38.6	0.0	0.0%
65.4%	38.5	38.5	0.0	0.0%
66.7%	38.4	38.4	0.0	0.0%
67.9%	38.3	38.3	0.0	0.0%
69.1%	38.2	38.3	0.1	0.3%
70.4%	38.0	38.2	0.2	0.5%
71.6%	37.9	38.2	0.3	0.8%
72.8%	37.9	38.1	0.2	0.5%
74.1%	37.8	38.0	0.2	0.5%
75.3%	37.7	38.0	0.3	0.8%
76.5%	37.7	37.9	0.2	0.5%
77.8%	37.7	37.9	0.2	0.5%
79.0%	37.4	37.8	0.4	1.1%
80.2%	37.2	37.7	0.5	1.3%
81.5%	37.2	37.7	0.5	1.3%
82.7%	36.8	37.7	0.9	2.4%
84.0%	36.7	37.4	0.7	1.9%
85.2%	36.3	37.3	1.0	2.8%
86.4%	36.2	36.7	0.5	1.4%
87.7%	36.2	36.3	0.1	0.3%
88.9%	35.8	36.2	0.4	1.1%
90.1%	35.3	35.8	0.5	1.4%
91.4%	34.9	35.4	0.5	1.4%
92.6%	34.9	34.9	0.0	0.0%
93.8%	34.5	34.5	0.0	0.0%
95.1%	34.3	34.3	0.0	0.0%
96.3%	34.2	34.2	0.0	0.0%
97.5%	33.7	33.7	0.0	0.0%
98.8%	29.5	29.5	0.0	0.0%
100.0%	29.5	29.5	0.0	0.0%

Table SQ-33-5b

Trinity River below Lewiston Dam, Monthly Temperature
Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.7	46.7	-1.0	-2.1%
1.2%	46.7	46.2	-0.5	-1.1%
2.5%	46.2	45.3	-0.9	-1.9%
3.7%	45.3	45.2	-0.1	-0.2%
4.9%	44.8	44.8	0.0	0.0%
6.2%	44.8	44.8	0.0	0.0%
7.4%	44.8	44.8	0.0	0.0%
8.6%	44.8	44.7	-0.1	-0.2%
9.9%	44.7	44.7	0.0	0.0%
11.1%	44.6	44.6	0.0	0.0%
12.3%	44.6	44.6	0.0	0.0%
13.6%	44.5	44.5	0.0	0.0%
14.8%	44.5	44.5	0.0	0.0%
16.0%	44.5	44.5	0.0	0.0%
17.3%	44.4	44.4	0.0	0.0%
18.5%	44.4	44.4	0.0	0.0%
19.8%	44.4	44.4	0.0	0.0%
21.0%	44.3	44.3	0.0	0.0%
22.2%	44.1	44.1	0.0	0.0%
23.5%	44.1	44.1	0.0	0.0%
24.7%	44.1	44.0	-0.1	-0.2%
25.9%	44.0	43.9	-0.1	-0.2%
27.2%	44.0	43.8	-0.2	-0.5%
28.4%	43.8	43.8	0.0	0.0%
29.6%	43.7	43.7	0.0	0.0%
30.9%	43.6	43.6	0.0	0.0%
32.1%	43.6	43.6	0.0	0.0%
33.3%	43.6	43.6	0.0	0.0%
34.6%	43.6	43.6	0.0	0.0%
35.8%	43.5	43.5	0.0	0.0%
37.0%	43.5	43.5	0.0	0.0%
38.3%	43.3	43.3	0.0	0.0%
39.5%	43.3	43.3	0.0	0.0%
40.7%	43.2	43.3	0.1	0.2%
42.0%	43.2	43.2	0.0	0.0%
43.2%	43.2	43.2	0.0	0.0%
44.4%	43.1	43.1	0.0	0.0%
45.7%	43.1	43.1	0.0	0.0%
46.9%	43.1	43.1	0.0	0.0%
48.1%	43.1	43.1	0.0	0.0%
49.4%	43.1	43.1	0.0	0.0%
50.6%	42.9	42.9	0.0	0.0%
51.9%	42.9	42.9	0.0	0.0%
53.1%	42.7	42.7	0.0	0.0%
54.3%	42.7	42.7	0.0	0.0%
55.6%	42.7	42.7	0.0	0.0%
56.8%	42.6	42.5	-0.1	-0.2%
58.0%	42.4	42.4	0.0	0.0%
59.3%	42.0	42.0	0.0	0.0%
60.5%	41.9	41.9	0.0	0.0%
61.7%	41.9	41.9	0.0	0.0%
63.0%	41.9	41.9	0.0	0.0%
64.2%	41.8	41.8	0.0	0.0%
65.4%	41.8	41.8	0.0	0.0%
66.7%	41.8	41.8	0.0	0.0%
67.9%	41.7	41.8	0.1	0.2%
69.1%	41.7	41.7	0.0	0.0%
70.4%	41.6	41.7	0.1	0.2%
71.6%	41.4	41.6	0.2	0.5%
72.8%	41.4	41.4	0.0	0.0%
74.1%	41.4	41.4	0.0	0.0%
75.3%	41.4	41.4	0.0	0.0%
76.5%	41.4	41.3	-0.1	-0.2%
77.8%	41.3	41.3	0.0	0.0%
79.0%	41.3	41.3	0.0	0.0%
80.2%	41.2	41.2	0.0	0.0%
81.5%	41.2	41.2	0.0	0.0%
82.7%	40.9	40.9	0.0	0.0%
84.0%	40.9	40.9	0.0	0.0%
85.2%	40.8	40.8	0.0	0.0%
86.4%	40.5	40.5	0.0	0.0%
87.7%	40.4	40.5	0.1	0.2%
88.9%	40.1	40.4	0.3	0.7%
90.1%	39.8	40.2	0.4	1.0%
91.4%	39.7	39.8	0.1	0.3%
92.6%	39.7	39.8	0.1	0.3%
93.8%	39.7	39.7	0.0	0.0%
95.1%	38.6	38.6	0.0	0.0%
96.3%	38.5	38.5	0.0	0.0%
97.5%	38.2	38.2	0.0	0.0%
98.8%	38.0	38.1	0.1	0.3%
100.0%	38.0	38.1	0.1	0.3%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.5	54.2	0.7	1.3%
1.2%	52.4	54.1	1.7	3.2%
2.5%	51.2	51.3	0.1	0.2%
3.7%	50.7	50.7	0.0	0.0%
4.9%	50.4	50.4	0.0	0.0%
6.2%	50.1	50.1	0.0	0.0%
7.4%	50.1	50.0	-0.1	-0.2%
8.6%	50.1	49.8	-0.3	-0.6%
9.9%	50.0	49.7	-0.3	-0.6%
11.1%	49.9	49.7	-0.2	-0.4%
12.3%	49.8	49.6	-0.2	-0.4%
13.6%	49.7	49.5	-0.2	-0.4%
14.8%	49.6	49.4	-0.2	-0.4%
16.0%	49.4	49.3	-0.1	-0.2%
17.3%	49.3	49.2	-0.1	-0.2%
18.5%	49.2	49.0	-0.2	-0.4%
19.8%	49.1	48.8	-0.3	-0.6%
21.0%	49.1	48.8	-0.3	-0.6%
22.2%	49.0	48.8	-0.2	-0.4%
23.5%	48.8	48.7	-0.1	-0.2%
24.7%	48.8	48.7	-0.1	-0.2%
25.9%	48.8	48.3	-0.5	-1.0%
27.2%	48.7	48.0	-0.7	-1.4%
28.4%	48.7	47.9	-0.8	-1.6%
29.6%	48.5	47.9	-0.6	-1.2%
30.9%	48.0	47.8	-0.2	-0.4%
32.1%	48.0	47.8	-0.2	-0.4%
33.3%	47.9	47.8	-0.1	-0.2%
34.6%	47.9	47.6	-0.3	-0.6%
35.8%	47.6	47.6	0.0	0.0%
37.0%	47.6	47.5	-0.1	-0.2%
38.3%	47.6	47.5	-0.1	-0.2%
39.5%	47.5	47.4	-0.1	-0.2%
40.7%	47.4	47.3	-0.1	-0.2%
42.0%	47.4	47.3	-0.1	-0.2%
43.2%	47.3	47.2	-0.1	-0.2%
44.4%	47.3	47.0	-0.3	-0.6%
45.7%	47.2	47.0	-0.2	-0.4%
46.9%	47.0	47.0	0.0	0.0%
48.1%	47.0	46.9	-0.1	-0.2%
49.4%	46.9	46.8	-0.1	-0.2%
50.6%	46.8	46.7	-0.1	-0.2%
51.9%	46.7	46.7	0.0	0.0%
53.1%	46.7	46.7	0.0	0.0%
54.3%	46.7	46.6	-0.1	-0.2%
55.6%	46.7	46.6	-0.1	-0.2%
56.8%	46.6	46.6	0.0	0.0%
58.0%	46.6	46.5	-0.1	-0.2%
59.3%	46.5	46.3	-0.2	-0.4%
60.5%	46.3	46.2	-0.1	-0.2%
61.7%	46.1	46.1	0.0	0.0%
63.0%	46.0	45.9	-0.1	-0.2%
64.2%	45.9	45.7	-0.2	-0.4%
65.4%	45.8	45.3	-0.5	-1.1%
66.7%	45.7	45.3	-0.4	-0.9%
67.9%	45.7	45.2	-0.5	-1.1%
69.1%	45.7	45.2	-0.5	-1.1%
70.4%	45.4	45.1	-0.3	-0.7%
71.6%	45.3	45.1	-0.2	-0.4%
72.8%	45.3	45.0	-0.3	-0.7%
74.1%	45.2	45.0	-0.2	-0.4%
75.3%	45.1	44.9	-0.2	-0.4%
76.5%	45.1	44.8	-0.3	-0.7%
77.8%	45.1	44.8	-0.3	-0.7%
79.0%	45.0	44.8	-0.2	-0.4%
80.2%	44.9	44.7	-0.2	-0.4%
81.5%	44.7	44.6	-0.1	-0.2%
82.7%	44.7	44.6	-0.1	-0.2%
84.0%	44.7	44.2	-0.5	-1.1%
85.2%	44.6	44.1	-0.5	-1.1%
86.4%	44.5	43.9	-0.6	-1.3%
87.7%	44.2	43.8	-0.4	-0.9%
88.9%	44.1	43.8	-0.3	-0.7%
90.1%	44.0	43.8	-0.2	-0.5%
91.4%	43.9	43.7	-0.2	-0.5%
92.6%	43.8	43.7	-0.1	-0.2%
93.8%	43.8	43.6	-0.2	-0.5%
95.1%	43.7	43.1	-0.6	-1.4%
96.3%	43.1	43.0	-0.1	-0.2%
97.5%	42.3	42.3	0.0	0.0%
98.8%	41.7	41.7	0.0	0.0%
100.0%	41.7	41.7	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.2	56.2	0.0	0.0%
1.2%	54.7	55.5	0.8	1.5%
2.5%	54.5	54.4	-0.1	-0.2%
3.7%	54.3	54.4	0.1	0.2%
4.9%	54.3	54.3	0.0	0.0%
6.2%	54.0	54.0	0.0	0.0%
7.4%	53.3	53.3	0.0	0.0%
8.6%	53.2	53.1	-0.1	-0.2%
9.9%	53.1	52.9	-0.2	-0.4%
11.1%	52.9	52.5	-0.4	-0.8%
12.3%	52.5	52.5	0.0	0.0%
13.6%	52.5	52.4	-0.1	-0.2%
14.8%	52.4	52.3	-0.1	-0.2%
16.0%	52.4	52.3	-0.1	-0.2%
17.3%	52.3	52.3	0.0	0.0%
18.5%	52.3	52.3	0.0	0.0%
19.8%	52.3	52.2	-0.1	-0.2%
21.0%	52.3	52.1	-0.2	-0.4%
22.2%	52.2	51.8	-0.4	-0.8%
23.5%	51.9	51.8	-0.1	-0.2%
24.7%	51.8	51.6	-0.2	-0.4%
25.9%	51.8	51.5	-0.3	-0.6%
27.2%	51.5	51.4	-0.1	-0.2%
28.4%	51.5	51.4	-0.1	-0.2%
29.6%	51.4	51.4	0.0	0.0%
30.9%	51.3	51.3	0.0	0.0%
32.1%	51.2	51.1	-0.1	-0.2%
33.3%	51.2	51.1	-0.1	-0.2%
34.6%	51.1	51.0	-0.1	-0.2%
35.8%	51.1	50.9	-0.2	-0.4%
37.0%	51.0	50.8	-0.2	-0.4%
38.3%	51.0	50.7	-0.3	-0.6%
39.5%	50.9	50.7	-0.2	-0.4%
40.7%	50.8	50.6	-0.2	-0.4%
42.0%	50.7	50.6	-0.1	-0.2%
43.2%	50.7	50.6	-0.1	-0.2%
44.4%	50.6	50.6	0.0	0.0%
45.7%	50.6	50.5	-0.1	-0.2%
46.9%	50.6	50.5	-0.1	-0.2%
48.1%	50.6	50.4	-0.2	-0.4%
49.4%	50.4	50.4	0.0	0.0%
50.6%	50.4	50.3	-0.1	-0.2%
51.9%	50.4	50.3	-0.1	-0.2%
53.1%	50.3	50.1	-0.2	-0.4%
54.3%	50.3	50.0	-0.3	-0.6%
55.6%	50.1	50.0	-0.1	-0.2%
56.8%	50.0	49.9	-0.1	-0.2%
58.0%	50.0	49.7	-0.3	-0.6%
59.3%	49.9	49.5	-0.4	-0.8%
60.5%	49.7	49.3	-0.4	-0.8%
61.7%	49.6	49.3	-0.3	-0.6%
63.0%	49.3	49.3	0.0	0.0%
64.2%	49.3	49.3	0.0	0.0%
65.4%	49.1	49.1	0.0	0.0%
66.7%	49.1	49.1	0.0	0.0%
67.9%	49.0	49.0	0.0	0.0%
69.1%	49.0	49.0	0.0	0.0%
70.4%	49.0	48.9	-0.1	-0.2%
71.6%	48.9	48.9	0.0	0.0%
72.8%	48.9	48.8	-0.1	-0.2%
74.1%	48.8	48.7	-0.1	-0.2%
75.3%	48.7	48.7	0.0	0.0%
76.5%	48.5	48.7	0.2	0.4%
77.8%	48.4	48.5	0.1	0.2%
79.0%	47.9	48.5	0.6	1.3%
80.2%	47.8	48.4	0.6	1.3%
81.5%	47.7	47.8	0.1	0.2%
82.7%	47.7	47.8	0.1	0.2%
84.0%	47.5	47.7	0.2	0.4%
85.2%	47.5	47.7	0.2	0.4%
86.4%	47.3	47.5	0.2	0.4%
87.7%	47.2	47.5	0.3	0.6%
88.9%	47.0	47.0	0.0	0.0%
90.1%	47.0	46.9	-0.1	-0.2%
91.4%	46.9	46.9	0.0	0.0%
92.6%	46.7	46.7	0.0	0.0%
93.8%	46.4	46.5	0.1	0.2%
95.1%	46.3	46.3	0.0	0.0%
96.3%	46.1	46.1	0.0	0.0%
97.5%	45.7	45.4	-0.3	-0.7%
98.8%	44.3	44.3	0.0	0.0%
100.0%	44.3	44.3	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.0	53.0	0.0	0.0%
1.2%	52.6	52.6	0.0	0.0%
2.5%	50.8	51.0	0.2	0.4%
3.7%	50.1	50.1	0.0	0.0%
4.9%	50.0	50.0	0.0	0.0%
6.2%	50.0	50.0	0.0	0.0%
7.4%	49.8	50.0	0.2	0.4%
8.6%	49.7	49.8	0.1	0.2%
9.9%	49.3	49.3	0.0	0.0%
11.1%	48.7	48.7	0.0	0.0%
12.3%	48.3	48.3	0.0	0.0%
13.6%	48.1	48.2	0.1	0.2%
14.8%	48.1	48.0	-0.1	-0.2%
16.0%	47.9	47.9	0.0	0.0%
17.3%	47.8	47.7	-0.1	-0.2%
18.5%	47.7	47.6	-0.1	-0.2%
19.8%	47.6	47.6	0.0	0.0%
21.0%	47.6	47.6	0.0	0.0%
22.2%	47.6	47.6	0.0	0.0%
23.5%	47.5	47.3	-0.2	-0.4%
24.7%	47.5	47.3	-0.2	-0.4%
25.9%	47.3	47.3	0.0	0.0%
27.2%	47.3	47.2	-0.1	-0.2%
28.4%	47.3	47.2	-0.1	-0.2%
29.6%	47.2	47.2	0.0	0.0%
30.9%	47.2	47.2	0.0	0.0%
32.1%	47.2	47.2	0.0	0.0%
33.3%	47.1	47.1	0.0	0.0%
34.6%	47.1	47.1	0.0	0.0%
35.8%	47.0	47.0	0.0	0.0%
37.0%	47.0	47.0	0.0	0.0%
38.3%	47.0	47.0	0.0	0.0%
39.5%	46.9	46.9	0.0	0.0%
40.7%	46.9	46.9	0.0	0.0%
42.0%	46.9	46.9	0.0	0.0%
43.2%	46.9	46.9	0.0	0.0%
44.4%	46.7	46.7	0.0	0.0%
45.7%	46.6	46.7	0.1	0.2%
46.9%	46.6	46.6	0.0	0.0%
48.1%	46.5	46.4	-0.1	-0.2%
49.4%	46.4	46.4	0.0	0.0%
50.6%	46.4	46.4	0.0	0.0%
51.9%	46.2	46.3	0.1	0.2%
53.1%	46.2	46.2	0.0	0.0%
54.3%	46.1	46.2	0.1	0.2%
55.6%	46.1	46.1	0.0	0.0%
56.8%	46.0	46.0	0.0	0.0%
58.0%	46.0	46.0	0.0	0.0%
59.3%	46.0	46.0	0.0	0.0%
60.5%	46.0	46.0	0.0	0.0%
61.7%	46.0	46.0	0.0	0.0%
63.0%	46.0	46.0	0.0	0.0%
64.2%	46.0	46.0	0.0	0.0%
65.4%	45.9	45.9	0.0	0.0%
66.7%	45.8	45.9	0.1	0.2%
67.9%	45.7	45.9	0.2	0.4%
69.1%	45.7	45.7	0.0	0.0%
70.4%	45.6	45.7	0.1	0.2%
71.6%	45.6	45.6	0.0	0.0%
72.8%	45.6	45.5	-0.1	-0.2%
74.1%	45.5	45.5	0.0	0.0%
75.3%	45.5	45.5	0.0	0.0%
76.5%	45.4	45.5	0.1	0.2%
77.8%	45.4	45.3	-0.1	-0.2%
79.0%	45.3	45.2	-0.1	-0.2%
80.2%	45.2	45.1	-0.1	-0.2%
81.5%	44.9	45.0	0.1	0.2%
82.7%	44.9	44.9	0.0	0.0%
84.0%	44.9	44.9	0.0	0.0%
85.2%	44.9	44.9	0.0	0.0%
86.4%	44.8	44.8	0.0	0.0%
87.7%	44.7	44.7	0.0	0.0%
88.9%	44.6	44.5	-0.1	-0.2%
90.1%	44.4	44.4	0.0	0.0%
91.4%	44.3	44.3	0.0	0.0%
92.6%	44.2	44.1	-0.1	-0.2%
93.8%	44.2	44.0	-0.2	-0.5%
95.1%	44.0	44.0	0.0	0.0%
96.3%	44.0	43.6	-0.4	-0.9%
97.5%	43.2	43.3	0.1	0.2%
98.8%	43.1	43.1	0.0	0.0%
100.0%	43.1	43.1	0.0	0.0%

Table SQ-33-5b

Trinity River below Lewiston Dam, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.9	60.8	-0.1	-0.2%
1.2%	60.3	59.3	-1.0	-1.7%
2.5%	59.3	58.7	-0.6	-1.0%
3.7%	58.7	58.5	-0.2	-0.3%
4.9%	58.6	58.4	-0.2	-0.3%
6.2%	57.7	57.7	0.0	0.0%
7.4%	57.5	57.5	0.0	0.0%
8.6%	57.1	57.3	0.2	0.4%
9.9%	56.3	57.0	0.7	1.2%
11.1%	56.2	56.3	0.1	0.2%
12.3%	56.0	56.2	0.2	0.4%
13.6%	55.2	56.1	0.9	1.6%
14.8%	54.9	55.1	0.2	0.4%
16.0%	54.9	54.9	0.0	0.0%
17.3%	53.7	54.8	1.1	2.0%
18.5%	53.4	53.7	0.3	0.6%
19.8%	53.3	53.4	0.1	0.2%
21.0%	53.0	53.1	0.1	0.2%
22.2%	52.9	53.0	0.1	0.2%
23.5%	52.8	52.8	0.0	0.0%
24.7%	52.8	52.8	0.0	0.0%
25.9%	52.1	52.2	0.1	0.2%
27.2%	51.7	52.1	0.4	0.8%
28.4%	51.4	51.9	0.5	1.0%
29.6%	51.4	51.7	0.3	0.6%
30.9%	51.4	51.4	0.0	0.0%
32.1%	51.3	51.3	0.0	0.0%
33.3%	51.3	51.3	0.0	0.0%
34.6%	51.3	51.3	0.0	0.0%
35.8%	51.2	51.2	0.0	0.0%
37.0%	51.1	51.1	0.0	0.0%
38.3%	51.1	51.1	0.0	0.0%
39.5%	51.1	51.1	0.0	0.0%
40.7%	51.0	51.1	0.1	0.2%
42.0%	51.0	51.0	0.0	0.0%
43.2%	50.9	50.9	0.0	0.0%
44.4%	50.9	50.8	-0.1	-0.2%
45.7%	50.8	50.7	-0.1	-0.2%
46.9%	50.8	50.6	-0.2	-0.4%
48.1%	50.7	50.3	-0.4	-0.8%
49.4%	50.6	50.3	-0.3	-0.6%
50.6%	50.3	50.2	-0.1	-0.2%
51.9%	50.3	50.1	-0.2	-0.4%
53.1%	50.1	50.1	0.0	0.0%
54.3%	50.1	50.0	-0.1	-0.2%
55.6%	50.1	50.0	-0.1	-0.2%
56.8%	50.0	49.9	-0.1	-0.2%
58.0%	49.9	49.8	-0.1	-0.2%
59.3%	49.8	49.8	0.0	0.0%
60.5%	49.8	49.7	-0.1	-0.2%
61.7%	49.7	49.7	0.0	0.0%
63.0%	49.6	49.6	0.0	0.0%
64.2%	49.6	49.6	0.0	0.0%
65.4%	49.5	49.5	0.0	0.0%
66.7%	49.5	49.5	0.0	0.0%
67.9%	49.4	49.4	0.0	0.0%
69.1%	49.3	49.4	0.1	0.2%
70.4%	49.3	49.3	0.0	0.0%
71.6%	49.3	49.3	0.0	0.0%
72.8%	49.2	49.2	0.0	0.0%
74.1%	49.2	49.1	-0.1	-0.2%
75.3%	49.1	48.8	-0.3	-0.6%
76.5%	48.9	48.7	-0.2	-0.4%
77.8%	48.8	48.6	-0.2	-0.4%
79.0%	48.7	48.6	-0.1	-0.2%
80.2%	48.6	48.5	-0.1	-0.2%
81.5%	48.1	48.5	0.4	0.8%
82.7%	47.9	48.2	0.3	0.6%
84.0%	47.4	47.6	0.2	0.4%
85.2%	47.2	47.4	0.2	0.4%
86.4%	47.1	47.2	0.1	0.2%
87.7%	46.9	46.9	0.0	0.0%
88.9%	46.9	46.8	-0.1	-0.2%
90.1%	46.8	46.7	-0.1	-0.2%
91.4%	46.7	46.7	0.0	0.0%
92.6%	46.3	46.3	0.0	0.0%
93.8%	45.6	45.6	0.0	0.0%
95.1%	45.0	45.0	0.0	0.0%
96.3%	44.7	44.7	0.0	0.0%
97.5%	44.6	44.6	0.0	0.0%
98.8%	44.2	44.3	0.1	0.2%
100.0%	44.2	44.3	0.1	0.2%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.6	58.4	-2.2	-3.6%
1.2%	59.4	58.3	-1.1	-1.9%
2.5%	59.3	58.1	-1.2	-2.0%
3.7%	58.3	57.4	-0.9	-1.5%
4.9%	58.3	57.2	-1.1	-1.9%
6.2%	57.2	56.3	-0.9	-1.6%
7.4%	56.2	55.3	-0.9	-1.6%
8.6%	55.6	55.3	-0.3	-0.5%
9.9%	55.3	54.7	-0.6	-1.1%
11.1%	54.7	54.6	-0.1	-0.2%
12.3%	53.6	54.3	0.7	1.3%
13.6%	53.5	53.9	0.4	0.7%
14.8%	53.4	53.7	0.3	0.6%
16.0%	53.1	53.6	0.5	0.9%
17.3%	52.9	53.4	0.5	0.9%
18.5%	52.9	53.1	0.2	0.4%
19.8%	52.9	53.1	0.2	0.4%
21.0%	52.7	52.9	0.2	0.4%
22.2%	52.7	52.6	-0.1	-0.2%
23.5%	52.7	52.6	-0.1	-0.2%
24.7%	52.4	52.4	0.0	0.0%
25.9%	52.3	52.4	0.1	0.2%
27.2%	52.2	52.3	0.1	0.2%
28.4%	52.2	52.2	0.0	0.0%
29.6%	52.0	52.1	0.1	0.2%
30.9%	51.9	52.0	0.1	0.2%
32.1%	51.8	51.8	0.0	0.0%
33.3%	51.7	51.6	-0.1	-0.2%
34.6%	51.6	51.6	0.0	0.0%
35.8%	51.6	51.5	-0.1	-0.2%
37.0%	51.5	51.5	0.0	0.0%
38.3%	51.5	51.5	0.0	0.0%
39.5%	51.5	51.4	-0.1	-0.2%
40.7%	51.5	51.3	-0.2	-0.4%
42.0%	51.3	51.2	-0.1	-0.2%
43.2%	51.2	51.1	-0.1	-0.2%
44.4%	51.2	51.1	-0.1	-0.2%
45.7%	51.1	51.0	-0.1	-0.2%
46.9%	51.0	51.0	0.0	0.0%
48.1%	51.0	50.9	-0.1	-0.2%
49.4%	51.0	50.7	-0.3	-0.6%
50.6%	50.9	50.7	-0.2	-0.4%
51.9%	50.7	50.7	0.0	0.0%
53.1%	50.7	50.7	0.0	0.0%
54.3%	50.7	50.6	-0.1	-0.2%
55.6%	50.7	50.6	-0.1	-0.2%
56.8%	50.7	50.6	-0.1	-0.2%
58.0%	50.6	50.5	-0.1	-0.2%
59.3%	50.5	50.4	-0.1	-0.2%
60.5%	50.5	50.4	-0.1	-0.2%
61.7%	50.4	50.4	0.0	0.0%
63.0%	50.2	50.1	-0.1	-0.2%
64.2%	50.1	50.1	0.0	0.0%
65.4%	50.0	50.1	0.1	0.2%
66.7%	50.0	50.0	0.0	0.0%
67.9%	49.9	50.0	0.1	0.2%
69.1%	49.8	49.9	0.1	0.2%
70.4%	49.7	49.8	0.1	0.2%
71.6%	49.6	49.8	0.2	0.4%
72.8%	49.6	49.7	0.1	0.2%
74.1%	49.6	49.6	0.0	0.0%
75.3%	49.5	49.6	0.1	0.2%
76.5%	49.3	49.6	0.3	0.6%
77.8%	49.2	49.5	0.3	0.6%
79.0%	49.2	49.2	0.0	0.0%
80.2%	49.0	49.0	0.0	0.0%
81.5%	49.0	49.0	0.0	0.0%
82.7%	48.9	49.0	0.1	0.2%
84.0%	48.9	48.9	0.0	0.0%
85.2%	48.7	48.9	0.2	0.4%
86.4%	48.7	48.9	0.2	0.4%
87.7%	48.7	48.8	0.1	0.2%
88.9%	48.5	48.7	0.2	0.4%
90.1%	48.0	48.0	0.0	0.0%
91.4%	47.9	47.9	0.0	0.0%
92.6%	47.7	47.7	0.0	0.0%
93.8%	47.4	47.6	0.2	0.4%
95.1%	47.3	47.4	0.1	0.2%
96.3%	46.8	46.8	0.0	0.0%
97.5%	46.7	46.7	0.0	0.0%
98.8%	46.5	46.5	0.0	0.0%
100.0%	46.5	46.5	0.0	0.0%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.0	64.8	-0.2	-0.3%
1.2%	63.9	63.9	0.0	0.0%
2.5%	61.4	62.2	0.8	1.3%
3.7%	59.7	59.6	-0.1	-0.2%
4.9%	58.7	58.7	0.0	0.0%
6.2%	58.1	55.9	-2.2	-3.8%
7.4%	56.2	55.3	-0.9	-1.6%
8.6%	55.7	54.8	-0.9	-1.6%
9.9%	55.7	54.1	-1.6	-2.9%
11.1%	55.5	53.6	-1.9	-3.4%
12.3%	55.1	52.9	-2.2	-4.0%
13.6%	54.3	52.8	-1.5	-2.8%
14.8%	54.1	52.8	-1.3	-2.4%
16.0%	53.6	52.7	-0.9	-1.7%
17.3%	53.4	52.6	-0.8	-1.5%
18.5%	53.2	52.5	-0.7	-1.3%
19.8%	53.0	52.5	-0.5	-0.9%
21.0%	52.7	52.5	-0.2	-0.4%
22.2%	52.6	52.4	-0.2	-0.4%
23.5%	52.6	52.4	-0.2	-0.4%
24.7%	52.4	52.4	0.0	0.0%
25.9%	52.4	52.4	0.0	0.0%
27.2%	52.4	52.3	-0.1	-0.2%
28.4%	52.4	52.2	-0.2	-0.4%
29.6%	52.2	52.0	-0.2	-0.4%
30.9%	52.1	51.9	-0.2	-0.4%
32.1%	52.0	51.9	-0.1	-0.2%
33.3%	51.9	51.9	0.0	0.0%
34.6%	51.9	51.8	-0.1	-0.2%
35.8%	51.8	51.8	0.0	0.0%
37.0%	51.7	51.7	0.0	0.0%
38.3%	51.7	51.6	-0.1	-0.2%
39.5%	51.6	51.5	-0.1	-0.2%
40.7%	51.5	51.5	0.0	0.0%
42.0%	51.4	51.4	0.0	0.0%
43.2%	51.3	51.3	0.0	0.0%
44.4%	51.3	51.3	0.0	0.0%
45.7%	51.2	51.3	0.1	0.2%
46.9%	51.2	51.2	0.0	0.0%
48.1%	51.2	51.2	0.0	0.0%
49.4%	51.2	51.2	0.0	0.0%
50.6%	51.1	51.2	0.1	0.2%
51.9%	51.1	51.1	0.0	0.0%
53.1%	51.0	51.0	0.0	0.0%
54.3%	51.0	51.0	0.0	0.0%
55.6%	51.0	51.0	0.0	0.0%
56.8%	51.0	50.9	-0.1	-0.2%
58.0%	50.9	50.9	0.0	0.0%
59.3%	50.9	50.9	0.0	0.0%
60.5%	50.8	50.8	0.0	0.0%
61.7%	50.8	50.8	0.0	0.0%
63.0%	50.6	50.6	0.0	0.0%
64.2%	50.4	50.4	0.0	0.0%
65.4%	50.3	50.3	0.0	0.0%
66.7%	50.3	50.2	-0.1	-0.2%
67.9%	50.2	50.1	-0.1	-0.2%
69.1%	50.2	50.1	-0.1	-0.2%
70.4%	49.9	50.0	0.1	0.2%
71.6%	49.7	49.9	0.2	0.4%
72.8%	49.5	49.8	0.3	0.6%
74.1%	49.4	49.7	0.3	0.6%
75.3%	49.3	49.6	0.3	0.6%
76.5%	49.2	49.5	0.3	0.6%
77.8%	49.1	49.5	0.4	0.8%
79.0%	49.0	49.5	0.5	1.0%
80.2%	49.0	49.4	0.4	0.8%
81.5%	48.9	49.2	0.3	0.6%
82.7%	48.8	49.2	0.4	0.8%
84.0%	48.7	49.2	0.5	1.0%
85.2%	48.5	49.1	0.6	1.2%
86.4%	48.4	48.7	0.3	0.6%
87.7%	48.3	48.5	0.2	0.4%
88.9%	48.3	48.4	0.1	0.2%
90.1%	48.2	48.3	0.1	0.2%
91.4%	48.1	48.3	0.2	0.4%
92.6%	48.0	47.9	-0.1	-0.2%
93.8%	47.5	47.6	0.1	0.2%
95.1%	47.5	47.5	0.0	0.0%
96.3%	46.7	47.0	0.3	0.6%
97.5%	46.4	46.7	0.3	0.6%
98.8%	46.0	46.3	0.3	0.7%
100.0%	46.0	46.3	0.3	0.7%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	68.1	67.6	-0.5	-0.7%
1.2%	64.5	63.3	-1.2	-1.9%
2.5%	63.6	59.4	-4.2	-6.6%
3.7%	60.0	57.7	-2.3	-3.8%
4.9%	59.7	57.3	-2.4	-4.0%
6.2%	59.6	56.4	-3.2	-5.4%
7.4%	59.4	56.4	-3.0	-5.1%
8.6%	57.2	55.9	-1.3	-2.3%
9.9%	56.6	55.2	-1.4	-2.5%
11.1%	55.0	54.7	-0.3	-0.5%
12.3%	54.0	53.8	-0.2	-0.4%
13.6%	53.8	53.5	-0.3	-0.6%
14.8%	53.7	53.1	-0.6	-1.1%
16.0%	53.6	52.8	-0.8	-1.5%
17.3%	53.4	52.7	-0.7	-1.3%
18.5%	52.8	52.7	-0.1	-0.2%
19.8%	52.2	52.2	0.0	0.0%
21.0%	51.8	51.8	0.0	0.0%
22.2%	51.7	51.6	-0.1	-0.2%
23.5%	51.6	51.4	-0.2	-0.4%
24.7%	51.6	51.1	-0.5	-1.0%
25.9%	51.1	51.1	0.0	0.0%
27.2%	51.0	50.8	-0.2	-0.4%
28.4%	50.9	50.6	-0.3	-0.6%
29.6%	50.9	50.5	-0.4	-0.8%
30.9%	50.8	50.3	-0.5	-1.0%
32.1%	50.5	50.3	-0.2	-0.4%
33.3%	50.5	50.2	-0.3	-0.6%
34.6%	50.4	50.1	-0.3	-0.6%
35.8%	50.4	50.1	-0.3	-0.6%
37.0%	50.3	49.8	-0.5	-1.0%
38.3%	50.2	49.7	-0.5	-1.0%
39.5%	49.6	49.6	0.0	0.0%
40.7%	49.5	49.5	0.0	0.0%
42.0%	49.5	49.4	-0.1	-0.2%
43.2%	49.5	49.4	-0.1	-0.2%
44.4%	49.5	49.4	-0.1	-0.2%
45.7%	49.4	49.4	0.0	0.0%
46.9%	49.2	49.2	0.0	0.0%
48.1%	49.1	49.2	0.1	0.2%
49.4%	49.0	49.2	0.2	0.4%
50.6%	49.0	49.0	0.0	0.0%
51.9%	49.0	48.9	-0.1	-0.2%
53.1%	49.0	48.8	-0.2	-0.4%
54.3%	48.9	48.8	-0.1	-0.2%
55.6%	48.9	48.7	-0.2	-0.4%
56.8%	48.8	48.7	-0.1	-0.2%
58.0%	48.8	48.7	-0.1	-0.2%
59.3%	48.7	48.6	-0.1	-0.2%
60.5%	48.6	48.5	-0.1	-0.2%
61.7%	48.6	48.5	-0.1	-0.2%
63.0%	48.6	48.4	-0.2	-0.4%
64.2%	48.5	48.4	-0.1	-0.2%
65.4%	48.5	48.3	-0.2	-0.4%
66.7%	48.5	48.3	-0.2	-0.4%
67.9%	48.4	48.2	-0.2	-0.4%
69.1%	48.3	48.2	-0.1	-0.2%
70.4%	48.3	48.0	-0.3	-0.6%
71.6%	48.2	48.0	-0.2	-0.4%
72.8%	48.2	47.9	-0.3	-0.6%
74.1%	48.2	47.9	-0.3	-0.6%
75.3%	48.0	47.8	-0.2	-0.4%
76.5%	48.0	47.8	-0.2	-0.4%
77.8%	48.0	47.7	-0.3	-0.6%
79.0%	47.9	47.6	-0.3	-0.6%
80.2%	47.8	47.6	-0.2	-0.4%
81.5%	47.6	47.5	-0.1	-0.2%
82.7%	47.6	47.5	-0.1	-0.2%
84.0%	47.4	47.3	-0.1	-0.2%
85.2%	47.4	47.2	-0.2	-0.4%
86.4%	47.3	47.2	-0.1	-0.2%
87.7%	47.2	47.1	-0.1	-0.2%
88.9%	47.1	47.1	0.0	0.0%
90.1%	47.1	47.1	0.0	0.0%
91.4%	47.0	47.0	0.0	0.0%
92.6%	46.9	46.8	-0.1	-0.2%
93.8%	46.9	46.7	-0.2	-0.4%
95.1%	46.8	46.4	-0.4	-0.9%
96.3%	46.7	46.3	-0.4	-0.9%
97.5%	46.3	46.2	-0.1	-0.2%
98.8%	46.2	45.6	-0.6	-1.3%
100.0%	46.2	45.6	-0.6	-1.3%

Table SQ-34-5a
Trinity River at Douglas City, Monthly Temperature
Long-term Average and Average by Water Year Type

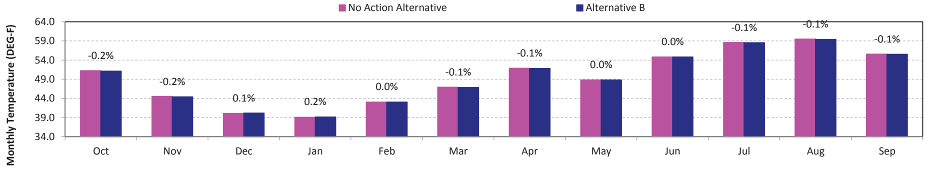
	Monthly Temperature (DEG-F)											
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period[1]												
No Action Alternative	51.2	44.5	40.1	39.0	43.0	46.9	51.9	48.8	54.8	58.6	59.5	55.6
Alternative B	51.1	44.4	40.1	39.1	43.0	46.8	51.8	48.8	54.8	58.5	59.4	55.5
Difference	-0.1	-0.1	0.0	0.1	0.0	-0.1	0.0	0.0	0.0	-0.1	-0.1	0.0
Percent Difference[3]	-0.2%	-0.2%	0.1%	0.2%	0.0%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	-0.1%	-0.1%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	49.8	44.5	41.1	40.4	43.3	46.1	50.8	47.8	51.4	56.9	59.6	54.7
Alternative B	49.9	44.5	41.1	40.4	43.3	46.0	50.8	47.8	51.4	56.8	59.4	54.8
Difference	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	-0.2	-0.2	0.1
Percent Difference	0.1%	0.0%	0.1%	0.0%	-0.1%	-0.2%	0.0%	0.0%	0.1%	-0.3%	-0.3%	0.2%
Above Normal (15%)												
No Action Alternative	50.3	43.2	40.0	38.7	43.0	46.7	51.8	48.0	53.9	57.8	58.8	54.2
Alternative B	50.0	42.9	40.0	38.7	43.1	46.8	51.9	47.9	53.8	57.7	58.7	54.2
Difference	-0.3	-0.2	0.0	0.1	0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1
Percent Difference	-0.7%	-0.5%	0.0%	0.2%	0.1%	0.1%	0.1%	-0.2%	-0.2%	-0.1%	-0.2%	-0.2%
Below Normal (17%)												
No Action Alternative	51.7	44.7	39.6	38.3	42.4	46.8	52.5	48.6	55.4	59.1	59.8	56.0
Alternative B	51.5	44.7	39.7	38.4	42.4	46.8	52.5	48.6	55.5	59.2	59.9	56.1
Difference	-0.2	0.0	0.1	0.0	0.0	-0.1	0.0	0.0	0.1	0.1	0.1	0.0
Percent Difference	-0.4%	-0.1%	0.3%	0.1%	0.1%	-0.1%	0.0%	0.0%	0.2%	0.1%	0.2%	0.1%
Dry (22%)												
No Action Alternative	51.3	44.6	40.2	38.0	42.7	47.5	52.7	49.0	57.0	59.2	58.4	55.0
Alternative B	51.3	44.4	40.2	38.2	42.7	47.4	52.5	49.1	57.1	58.9	58.5	54.7
Difference	0.0	-0.2	0.0	0.2	0.0	-0.1	-0.2	0.0	0.1	-0.2	0.1	-0.3
Percent Difference	0.0%	-0.5%	0.0%	0.5%	0.0%	-0.2%	-0.3%	0.1%	0.1%	-0.4%	0.2%	-0.5%
Critical (15%)												
No Action Alternative	54.5	45.2	38.4	38.8	43.4	47.9	52.3	51.9	59.7	61.8	61.0	58.9
Alternative B	54.1	45.1	38.6	39.0	43.4	47.9	52.3	51.9	59.6	62.1	60.7	58.9
Difference	-0.4	0.0	0.2	0.2	0.0	0.0	0.0	0.0	-0.1	0.3	-0.3	0.0
Percent Difference	-0.7%	-0.1%	0.5%	0.5%	0.1%	0.0%	0.0%	0.0%	-0.2%	0.5%	-0.6%	-0.1%

1 Based on the 82-year simulation period

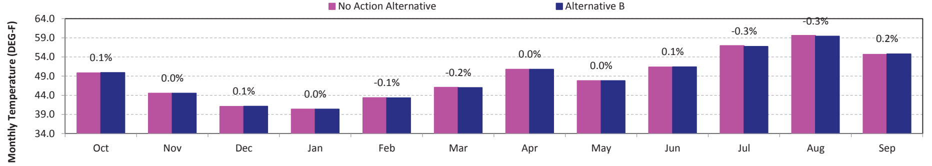
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

3 Relative difference of the monthly average

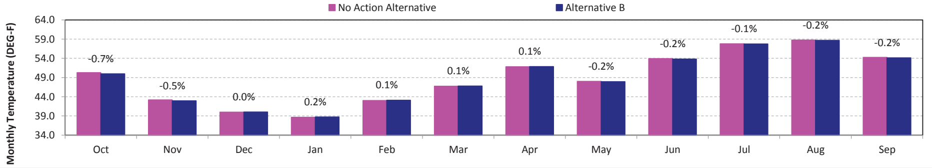
Trinity River at Douglas City, Monthly Temperature
Full Simulation Period



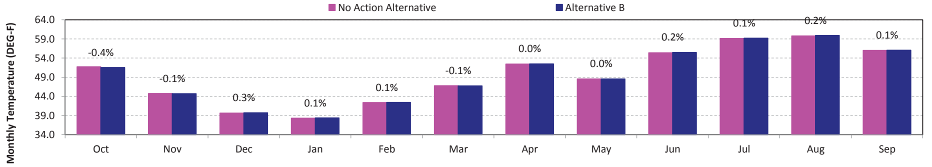
Trinity River at Douglas City, Monthly Temperature
Wet Water Year Types (32%)



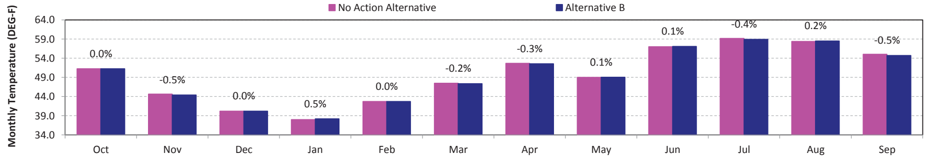
Trinity River at Douglas City, Monthly Temperature
Above Normal Water Year Types (15%)



Trinity River at Douglas City, Monthly Temperature
Below Normal Water Year Types (17%)



Trinity River at Douglas City, Monthly Temperature
Dry Water Year Types (22%)



Trinity River at Douglas City, Monthly Temperature
Critical Water Year Types (15%)

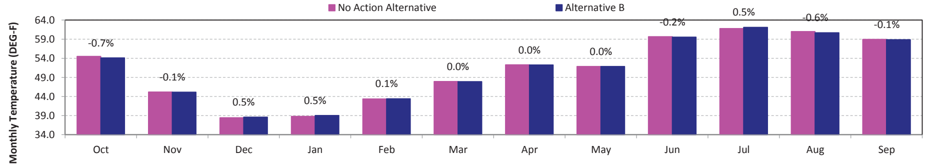


Figure SQ-34-5b
Trinity River at Douglas City, Monthly Temperature
Probability of Exceedance

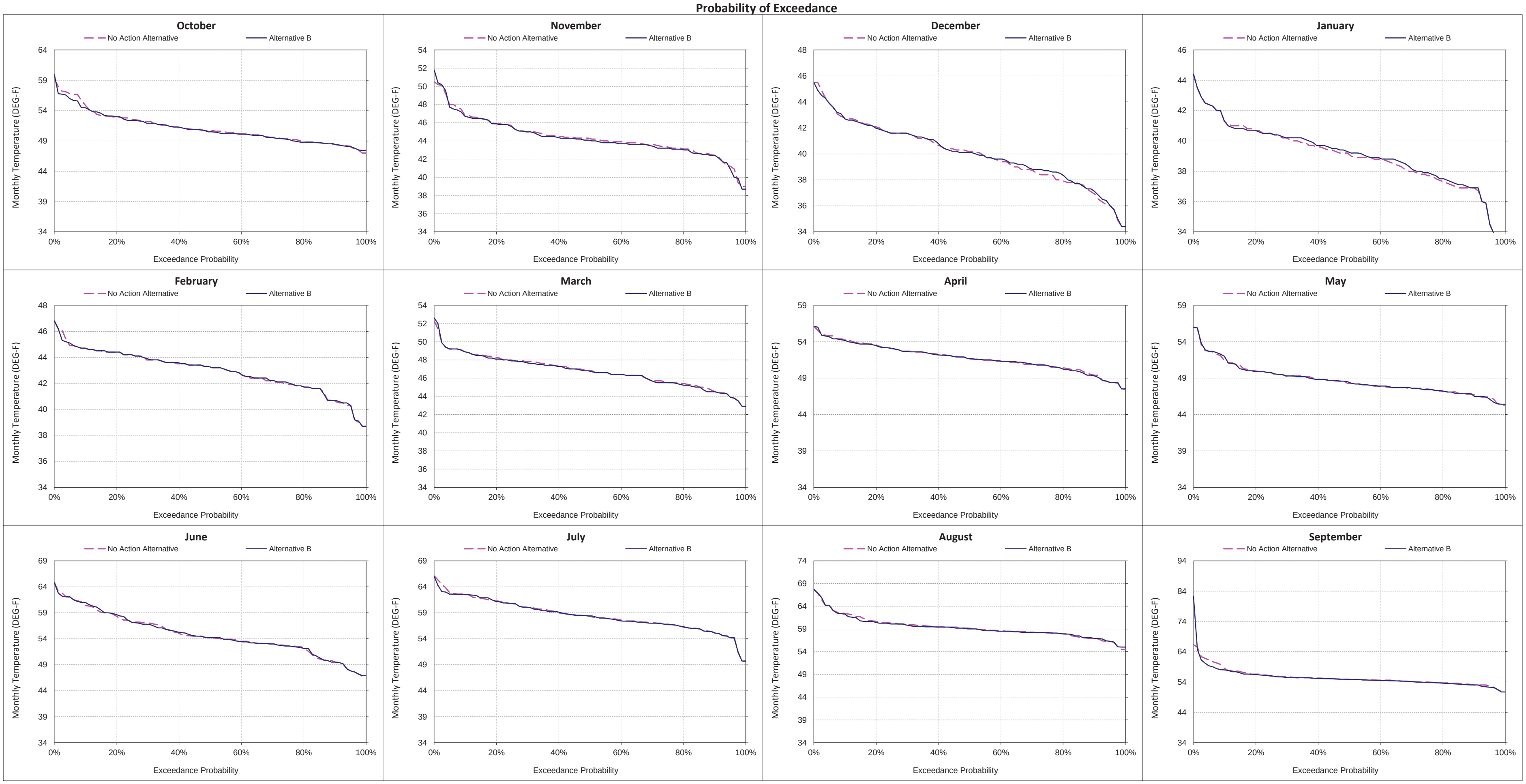


Table SQ-34-5b

Trinity River at Douglas City, Monthly Temperature
Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.2	59.9	0.7	1.2%
1.2%	58.0	56.8	-1.2	-2.1%
2.5%	57.2	56.7	-0.5	-0.9%
3.7%	57.1	56.6	-0.5	-0.9%
4.9%	56.8	56.0	-0.8	-1.4%
6.2%	56.7	55.7	-1.0	-1.8%
7.4%	56.7	55.6	-1.1	-1.9%
8.6%	55.7	54.5	-1.2	-2.2%
9.9%	54.9	54.5	-0.4	-0.7%
11.1%	54.2	54.2	0.0	0.0%
12.3%	54.0	53.8	-0.2	-0.4%
13.6%	53.4	53.8	0.4	0.7%
14.8%	53.2	53.6	0.4	0.8%
16.0%	53.1	53.2	0.1	0.2%
17.3%	53.1	53.1	0.0	0.0%
18.5%	53.0	53.1	0.1	0.2%
19.8%	52.9	53.0	0.1	0.2%
21.0%	52.9	53.0	0.1	0.2%
22.2%	52.8	52.6	-0.2	-0.4%
23.5%	52.8	52.4	-0.4	-0.8%
24.7%	52.5	52.4	-0.1	-0.2%
25.9%	52.5	52.4	-0.1	-0.2%
27.2%	52.4	52.3	-0.1	-0.2%
28.4%	52.3	52.2	-0.1	-0.2%
29.6%	52.2	51.9	-0.3	-0.6%
30.9%	52.2	51.9	-0.3	-0.6%
32.1%	51.8	51.9	0.1	0.2%
33.3%	51.7	51.7	0.0	0.0%
34.6%	51.6	51.7	0.1	0.2%
35.8%	51.6	51.6	0.0	0.0%
37.0%	51.4	51.4	0.0	0.0%
38.3%	51.3	51.3	0.0	0.0%
39.5%	51.2	51.3	0.1	0.2%
40.7%	51.2	51.2	0.0	0.0%
42.0%	51.1	51.0	-0.1	-0.2%
43.2%	51.0	50.9	-0.1	-0.2%
44.4%	50.9	50.9	0.0	0.0%
45.7%	50.9	50.9	0.0	0.0%
46.9%	50.9	50.8	-0.1	-0.2%
48.1%	50.7	50.7	0.0	0.0%
49.4%	50.7	50.5	-0.2	-0.4%
50.6%	50.7	50.5	-0.2	-0.4%
51.9%	50.6	50.4	-0.2	-0.4%
53.1%	50.6	50.3	-0.3	-0.6%
54.3%	50.5	50.2	-0.3	-0.6%
55.6%	50.4	50.2	-0.2	-0.4%
56.8%	50.4	50.2	-0.2	-0.4%
58.0%	50.3	50.2	-0.1	-0.2%
59.3%	50.2	50.1	-0.1	-0.2%
60.5%	50.2	50.1	-0.1	-0.2%
61.7%	50.1	50.1	0.0	0.0%
63.0%	50.1	50.0	-0.1	-0.2%
64.2%	50.0	49.9	-0.1	-0.2%
65.4%	50.0	49.9	-0.1	-0.2%
66.7%	49.8	49.9	0.1	0.2%
67.9%	49.7	49.6	-0.1	-0.2%
69.1%	49.6	49.6	0.0	0.0%
70.4%	49.6	49.5	-0.1	-0.2%
71.6%	49.5	49.4	-0.1	-0.2%
72.8%	49.4	49.4	0.0	0.0%
74.1%	49.4	49.3	-0.1	-0.2%
75.3%	49.4	49.2	-0.2	-0.4%
76.5%	49.2	49.0	-0.2	-0.4%
77.8%	49.2	48.9	-0.3	-0.6%
79.0%	49.0	48.8	-0.2	-0.4%
80.2%	48.8	48.8	0.0	0.0%
81.5%	48.8	48.8	0.0	0.0%
82.7%	48.8	48.8	0.0	0.0%
84.0%	48.7	48.7	0.0	0.0%
85.2%	48.7	48.7	0.0	0.0%
86.4%	48.6	48.6	0.0	0.0%
87.7%	48.6	48.6	0.0	0.0%
88.9%	48.4	48.6	0.2	0.4%
90.1%	48.4	48.4	0.0	0.0%
91.4%	48.3	48.3	0.0	0.0%
92.6%	48.2	48.2	0.0	0.0%
93.8%	48.2	48.1	-0.1	-0.2%
95.1%	48.1	48.0	-0.1	-0.2%
96.3%	47.6	47.8	0.2	0.4%
97.5%	47.5	47.5	0.0	0.0%
98.8%	47.0	47.4	0.4	0.9%
100.0%	47.0	47.4	0.4	0.9%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.5	51.8	1.3	2.6%
1.2%	50.2	50.4	0.2	0.4%
2.5%	50.1	50.2	0.1	0.2%
3.7%	49.2	49.5	0.3	0.6%
4.9%	48.0	47.7	-0.3	-0.6%
6.2%	48.0	47.5	-0.5	-1.0%
7.4%	47.7	47.4	-0.3	-0.6%
8.6%	47.5	47.2	-0.3	-0.6%
9.9%	46.8	46.7	-0.1	-0.2%
11.1%	46.8	46.6	-0.2	-0.4%
12.3%	46.6	46.5	-0.1	-0.2%
13.6%	46.6	46.5	-0.1	-0.2%
14.8%	46.4	46.5	0.1	0.2%
16.0%	46.4	46.4	0.0	0.0%
17.3%	46.3	46.3	0.0	0.0%
18.5%	46.0	45.9	-0.1	-0.2%
19.8%	45.9	45.9	0.0	0.0%
21.0%	45.9	45.8	-0.1	-0.2%
22.2%	45.8	45.8	0.0	0.0%
23.5%	45.8	45.8	0.0	0.0%
24.7%	45.7	45.6	-0.1	-0.2%
25.9%	45.3	45.3	0.0	0.0%
27.2%	45.1	45.1	0.0	0.0%
28.4%	45.1	45.1	0.0	0.0%
29.6%	45.0	45.0	0.0	0.0%
30.9%	45.0	45.0	0.0	0.0%
32.1%	45.0	44.9	-0.1	-0.2%
33.3%	44.9	44.7	-0.2	-0.4%
34.6%	44.8	44.5	-0.3	-0.7%
35.8%	44.6	44.5	-0.1	-0.2%
37.0%	44.6	44.5	-0.1	-0.2%
38.3%	44.6	44.5	-0.1	-0.2%
39.5%	44.5	44.4	-0.1	-0.2%
40.7%	44.5	44.3	-0.2	-0.4%
42.0%	44.4	44.3	-0.1	-0.2%
43.2%	44.4	44.3	-0.1	-0.2%
44.4%	44.4	44.3	-0.1	-0.2%
45.7%	44.3	44.2	-0.1	-0.2%
46.9%	44.3	44.2	-0.1	-0.2%
48.1%	44.3	44.1	-0.2	-0.5%
49.4%	44.3	44.1	-0.2	-0.5%
50.6%	44.2	44.0	-0.2	-0.5%
51.9%	44.2	44.0	-0.2	-0.5%
53.1%	44.1	43.9	-0.2	-0.5%
54.3%	44.0	43.8	-0.2	-0.5%
55.6%	44.0	43.8	-0.2	-0.5%
56.8%	43.9	43.8	-0.1	-0.2%
58.0%	43.9	43.8	-0.1	-0.2%
59.3%	43.9	43.7	-0.2	-0.5%
60.5%	43.9	43.7	-0.2	-0.5%
61.7%	43.8	43.7	-0.1	-0.2%
63.0%	43.8	43.6	-0.2	-0.5%
64.2%	43.8	43.6	-0.2	-0.5%
65.4%	43.8	43.6	-0.2	-0.5%
66.7%	43.7	43.6	-0.1	-0.2%
67.9%	43.6	43.6	0.0	0.0%
69.1%	43.6	43.5	-0.1	-0.2%
70.4%	43.6	43.4	-0.2	-0.5%
71.6%	43.5	43.2	-0.3	-0.7%
72.8%	43.4	43.2	-0.2	-0.5%
74.1%	43.4	43.2	-0.2	-0.5%
75.3%	43.3	43.2	-0.1	-0.2%
76.5%	43.2	43.1	-0.1	-0.2%
77.8%	43.2	43.1	-0.1	-0.2%
79.0%	43.2	43.1	-0.1	-0.2%
80.2%	43.1	43.0	-0.1	-0.2%
81.5%	43.1	43.0	-0.1	-0.2%
82.7%	43.0	42.7	-0.3	-0.7%
84.0%	42.7	42.6	-0.1	-0.2%
85.2%	42.6	42.6	0.0	0.0%
86.4%	42.6	42.5	-0.1	-0.2%
87.7%	42.6	42.5	-0.1	-0.2%
88.9%	42.5	42.4	-0.1	-0.2%
90.1%	42.4	42.4	0.0	0.0%
91.4%	42.2	42.1	-0.1	-0.2%
92.6%	41.7	41.7	0.0	0.0%
93.8%	41.3	41.6	0.3	0.7%
95.1%	41.2	40.9	-0.3	-0.7%
96.3%	40.9	40.0	-0.9	-2.2%
97.5%	39.4	39.9	0.5	1.3%
98.8%	39.0	38.7	-0.3	-0.8%
100.0%	39.0	38.7	-0.3	-0.8%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	45.5	45.5	0.0	0.0%
1.2%	45.5	44.9	-0.6	-1.3%
2.5%	44.9	44.5	-0.4	-0.9%
3.7%	44.3	44.3	0.0	0.0%
4.9%	43.9	43.9	0.0	0.0%
6.2%	43.6	43.6	0.0	0.0%
7.4%	43.1	43.2	0.1	0.2%
8.6%	42.9	43.1	0.2	0.5%
9.9%	42.8	42.7	-0.1	-0.2%
11.1%	42.7	42.6	-0.1	-0.2%
12.3%	42.7	42.6	-0.1	-0.2%
13.6%	42.6	42.5	-0.1	-0.2%
14.8%	42.5	42.4	-0.1	-0.2%
16.0%	42.3	42.3	0.0	0.0%
17.3%	42.3	42.2	-0.1	-0.2%
18.5%	42.2	42.2	0.0	0.0%
19.8%	42.1	42.0	-0.1	-0.2%
21.0%	42.0	41.9	-0.1	-0.2%
22.2%	41.8	41.8	0.0	0.0%
23.5%	41.7	41.7	0.0	0.0%
24.7%	41.6	41.6	0.0	0.0%
25.9%	41.6	41.6	0.0	0.0%
27.2%	41.6	41.6	0.0	0.0%
28.4%	41.6	41.6	0.0	0.0%
29.6%	41.6	41.6	0.0	0.0%
30.9%	41.5	41.5	0.0	0.0%
32.1%	41.4	41.4	0.0	0.0%
33.3%	41.2	41.3	0.1	0.2%
34.6%	41.2	41.3	0.1	0.2%
35.8%	41.2	41.2	0.0	0.0%
37.0%	41.1	41.1	0.0	0.0%
38.3%	40.9	41.1	0.2	0.5%
39.5%	40.7	40.9	0.2	0.5%
40.7%	40.6	40.6	0.0	0.0%
42.0%	40.4	40.4	0.0	0.0%
43.2%	40.4	40.3	-0.1	-0.2%
44.4%	40.4	40.2	-0.2	-0.5%
45.7%	40.3	40.2	-0.1	-0.2%
46.9%	40.3	40.1	-0.2	-0.5%
48.1%	40.3	40.1	-0.2	-0.5%
49.4%	40.2	40.1	-0.1	-0.2%
50.6%	40.2	40.1	-0.1	-0.2%
51.9%	40.1	40.0	-0.1	-0.2%
53.1%	40.1	39.9	-0.2	-0.5%
54.3%	39.9	39.9	0.0	0.0%
55.6%	39.8	39.7	-0.1	-0.3%
56.8%	39.7	39.7	0.0	0.0%
58.0%	39.6	39.6	0.0	0.0%
59.3%	39.5	39.6	0.1	0.3%
60.5%	39.4	39.6	0.2	0.5%
61.7%	39.4	39.5	0.1	0.3%
63.0%	39.2	39.3	0.1	0.3%
64.2%	39.0	39.3	0.3	0.8%
65.4%	39.0	39.2	0.2	0.5%
66.7%	38.8	39.2	0.4	1.0%
67.9%	38.8	39.1	0.3	0.8%
69.1%	38.8	38.9	0.1	0.3%
70.4%	38.7	38.8	0.1	0.3%
71.6%	38.5	38.8	0.3	0.8%
72.8%	38.4	38.8	0.4	1.0%
74.1%	38.4	38.7	0.3	0.8%
75.3%	38.4	38.7	0.3	0.8%
76.5%	38.4	38.6	0.2	0.5%
77.8%	38.0	38.6	0.6	1.6%
79.0%	38.0	38.5	0.5	1.3%
80.2%	37.9	38.3	0.4	1.1%
81.5%	37.8	38.0	0.2	0.5%
82.7%	37.8	37.9	0.1	0.3%
84.0%	37.8	37.7	-0.1	-0.3%
85.2%	37.7	37.7	0.0	0.0%
86.4%	37.6	37.5	-0.1	-0.3%
87.7%	37.3	37.3	0.0	0.0%
88.9%	37.1	37.3	0.2	0.5%
90.1%	36.9	37.1	0.2	0.5%
91.4%	36.5	36.8	0.3	0.8%
92.6%	36.3	36.5	0.2	0.6%
93.8%	36.1	36.4	0.3	0.8%
95.1%	36.0	36.0	0.0	0.0%
96.3%	35.7	35.7	0.0	0.0%
97.5%	34.9	35.0	0.1	0.3%
98.8%	34.4	34.4	0.0	0.0%
100.0%	34.4	34.4	0.0	0.0%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	44.4	44.4	0.0	0.0%
1.2%	43.5	43.5	0.0	0.0%
2.5%	42.9	42.9	0.0	0.0%
3.7%	42.5	42.5	0.0	0.0%
4.9%	42.4	42.4	0.0	0.0%
6.2%	42.3	42.3	0.0	0.0%
7.4%	42.0	42.0	0.0	0.0%
8.6%	42.0	42.0	0.0	0.0%
9.9%	41.3	41.3	0.0	0.0%
11.1%	41.1	41.0	-0.1	-0.2%
12.3%	41.0	40.9	-0.1	-0.2%
13.6%	41.0	40.8	-0.2	-0.5%
14.8%	41.0	40.8	-0.2	-0.5%
16.0%	41.0	40.8	-0.2	-0.5%
17.3%	40.8	40.7	-0.1	-0.2%
18.5%	40.8	40.7	-0.1	-0.2%
19.8%	40.7	40.7	0.0	0.0%
21.0%	40.7	40.6	-0.1	-0.2%
22.2%	40.5	40.5	0.0	0.0%
23.5%	40.5	40.5	0.0	0.0%
24.7%	40.5	40.5	0.0	0.0%
25.9%	40.4	40.4	0.0	0.0%
27.2%	40.4	40.4	0.0	0.0%
28.4%	40.2	40.3	0.1	0.2%
29.6%	40.2	40.2	0.0	0.0%
30.9%	40.1	40.2	0.1	0.2%
32.1%	40.0	40.2	0.2	0.5%
33.3%	40.0	40.2	0.2	0.5%
34.6%	39.9	40.2	0.3	0.8%
35.8%	39.9	40.1	0.2	0.5%
37.0%	39.7	40.0	0.3	0.8%
38.3%	39.7	39.9	0.2	0.5%
39.5%	39.6	39.7	0.1	0.3%
40.7%	39.6	39.7	0.1	0.3%
42.0%	39.5	39.7	0.2	0.5%
43.2%	39.4	39.6	0.2	0.5%
44.4%	39.4	39.5	0.1	0.3%
45.7%	39.3	39.5	0.2	0.5%
46.9%	39.2	39.4	0.2	0.5%
48.1%	39.2	39.4	0.2	0.5%
49.4%	39.2	39.3	0.1	0.3%
50.6%	39.0	39.2	0.2	0.5%
51.9%	38.9	39.2	0.3	0.8%
53.1%	38.9	39.2	0.3	0.8%
54.3%	38.9	39.1	0.2	0.5%
55.6%	38.9	39.0	0.1	0.3%
56.8%	38.9	38.9	0.0	0.0%
58.0%	38.8	38.9	0.1	0.3%
59.3%	38.8	38.9	0.1	0.3%
60.5%	38.8	38.8	0.0	0.0%
61.7%	38.7	38.8	0.1	0.3%
63.0%	38.6	38.8	0.2	0.5%
64.2%	38.5	38.8	0.3	0.8%
65.4%	38.4	38.7	0.3	0.8%
66.7%	38.3	38.6	0.3	0.8%
67.9%	38.1	38.5	0.4	1.0%
69.1%	38.0	38.3	0.3	0.8%
70.4%	38.0	38.1	0.1	0.3%
71.6%	37.9	38.0	0.1	0.3%
72.8%	37.8	38.0	0.2	0.5%
74.1%	37.8	37.9	0.1	0.3%
75.3%	37.7	37.9	0.2	0.5%
76.5%	37.7	37.8	0.1	0.3%
77.8%	37.5	37.7	0.2	0.5%
79.0%	37.4	37.5	0.1	0.3%
80.2%	37.3	37.5	0.2	0.5%
81.5%	37.2	37.4	0.2	0.5%
82.7%	37.1	37.3	0.2	0.5%
84.0%	37.0	37.2	0.2	0.5%
85.2%	36.9	37.1	0.2	0.5%
86.4%	36.9	37.1	0.2	0.5%
87.7%	36.9	37.0	0.1	0.3%
88.9%	36.9	36.9	0.0	0.0%
90.1%	36.9	36.9	0.0	0.0%
91.4%	36.7	36.9	0.2	0.5%
92.6%	36.0	36.0	0.0	0.0%
93.8%	35.9	35.9	0.0	0.0%
95.1%	34.5	34.5	0.0	0.0%
96.3%	33.9	33.9	0.0	0.0%
97.5%	33.7	33.7	0.0	0.0%
98.8%	28.9	28.9	0.0	0.0%
100.0%	28.9	28.9	0.0	0.0%

Table SQ-34-5b

Trinity River at Douglas City, Monthly Temperature
Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	46.8	46.8	0.0	0.0%
1.2%	46.2	46.2	0.0	0.0%
2.5%	46.1	45.3	-0.8	-1.7%
3.7%	45.4	45.2	-0.2	-0.4%
4.9%	44.9	45.1	0.2	0.4%
6.2%	44.9	44.9	0.0	0.0%
7.4%	44.8	44.8	0.0	0.0%
8.6%	44.7	44.7	0.0	0.0%
9.9%	44.7	44.7	0.0	0.0%
11.1%	44.6	44.6	0.0	0.0%
12.3%	44.6	44.6	0.0	0.0%
13.6%	44.5	44.5	0.0	0.0%
14.8%	44.5	44.5	0.0	0.0%
16.0%	44.4	44.5	0.1	0.2%
17.3%	44.4	44.4	0.0	0.0%
18.5%	44.4	44.4	0.0	0.0%
19.8%	44.4	44.4	0.0	0.0%
21.0%	44.4	44.4	0.0	0.0%
22.2%	44.2	44.2	0.0	0.0%
23.5%	44.2	44.2	0.0	0.0%
24.7%	44.2	44.2	0.0	0.0%
25.9%	44.1	44.1	0.0	0.0%
27.2%	44.1	44.1	0.0	0.0%
28.4%	44.1	44.0	-0.1	-0.2%
29.6%	43.8	43.9	0.1	0.2%
30.9%	43.8	43.8	0.0	0.0%
32.1%	43.8	43.8	0.0	0.0%
33.3%	43.8	43.8	0.0	0.0%
34.6%	43.7	43.7	0.0	0.0%
35.8%	43.6	43.6	0.0	0.0%
37.0%	43.6	43.6	0.0	0.0%
38.3%	43.6	43.6	0.0	0.0%
39.5%	43.5	43.6	0.1	0.2%
40.7%	43.5	43.5	0.0	0.0%
42.0%	43.5	43.5	0.0	0.0%
43.2%	43.4	43.4	0.0	0.0%
44.4%	43.4	43.4	0.0	0.0%
45.7%	43.4	43.4	0.0	0.0%
46.9%	43.4	43.4	0.0	0.0%
48.1%	43.3	43.3	0.0	0.0%
49.4%	43.3	43.3	0.0	0.0%
50.6%	43.2	43.2	0.0	0.0%
51.9%	43.2	43.2	0.0	0.0%
53.1%	43.2	43.2	0.0	0.0%
54.3%	43.1	43.1	0.0	0.0%
55.6%	43.0	43.0	0.0	0.0%
56.8%	42.9	42.9	0.0	0.0%
58.0%	42.9	42.9	0.0	0.0%
59.3%	42.8	42.8	0.0	0.0%
60.5%	42.6	42.6	0.0	0.0%
61.7%	42.5	42.5	0.0	0.0%
63.0%	42.4	42.5	0.1	0.2%
64.2%	42.4	42.4	0.0	0.0%
65.4%	42.4	42.4	0.0	0.0%
66.7%	42.4	42.4	0.0	0.0%
67.9%	42.2	42.4	0.2	0.5%
69.1%	42.2	42.2	0.0	0.0%
70.4%	42.1	42.2	0.1	0.2%
71.6%	42.1	42.1	0.0	0.0%
72.8%	42.1	42.1	0.0	0.0%
74.1%	41.9	42.1	0.2	0.5%
75.3%	41.9	42.0	0.1	0.2%
76.5%	41.9	41.9	0.0	0.0%
77.8%	41.8	41.8	0.0	0.0%
79.0%	41.8	41.8	0.0	0.0%
80.2%	41.7	41.7	0.0	0.0%
81.5%	41.7	41.7	0.0	0.0%
82.7%	41.6	41.6	0.0	0.0%
84.0%	41.6	41.6	0.0	0.0%
85.2%	41.6	41.6	0.0	0.0%
86.4%	41.3	41.2	-0.1	-0.2%
87.7%	40.7	40.7	0.0	0.0%
88.9%	40.7	40.7	0.0	0.0%
90.1%	40.6	40.7	0.1	0.2%
91.4%	40.5	40.6	0.1	0.2%
92.6%	40.5	40.5	0.0	0.0%
93.8%	40.3	40.5	0.2	0.5%
95.1%	40.3	40.3	0.0	0.0%
96.3%	39.2	39.2	0.0	0.0%
97.5%	39.0	39.1	0.1	0.3%
98.8%	38.7	38.7	0.0	0.0%
100.0%	38.7	38.7	0.0	0.0%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	52.3	52.6	0.3	0.6%
1.2%	51.4	52.0	0.6	1.2%
2.5%	49.9	49.9	0.0	0.0%
3.7%	49.4	49.4	0.0	0.0%
4.9%	49.2	49.2	0.0	0.0%
6.2%	49.2	49.2	0.0	0.0%
7.4%	49.2	49.2	0.0	0.0%
8.6%	49.1	49.1	0.0	0.0%
9.9%	48.9	48.9	0.0	0.0%
11.1%	48.8	48.8	0.0	0.0%
12.3%	48.6	48.6	0.0	0.0%
13.6%	48.6	48.5	-0.1	-0.2%
14.8%	48.6	48.5	-0.1	-0.2%
16.0%	48.5	48.4	-0.1	-0.2%
17.3%	48.4	48.2	-0.2	-0.4%
18.5%	48.4	48.2	-0.2	-0.4%
19.8%	48.3	48.1	-0.2	-0.4%
21.0%	48.2	48.1	-0.1	-0.2%
22.2%	48.0	48.0	0.0	0.0%
23.5%	48.0	48.0	0.0	0.0%
24.7%	48.0	47.9	-0.1	-0.2%
25.9%	47.9	47.9	0.0	0.0%
27.2%	47.9	47.8	-0.1	-0.2%
28.4%	47.9	47.8	-0.1	-0.2%
29.6%	47.8	47.7	-0.1	-0.2%
30.9%	47.8	47.6	-0.2	-0.4%
32.1%	47.8	47.6	-0.2	-0.4%
33.3%	47.7	47.5	-0.2	-0.4%
34.6%	47.6	47.5	-0.1	-0.2%
35.8%	47.6	47.4	-0.2	-0.4%
37.0%	47.5	47.4	-0.1	-0.2%
38.3%	47.4	47.4	0.0	0.0%
39.5%	47.4	47.3	-0.1	-0.2%
40.7%	47.3	47.3	0.0	0.0%
42.0%	47.3	47.1	-0.2	-0.4%
43.2%	47.1	47.0	-0.1	-0.2%
44.4%	47.0	47.0	0.0	0.0%
45.7%	47.0	47.0	0.0	0.0%
46.9%	47.0	46.9	-0.1	-0.2%
48.1%	46.9	46.8	-0.1	-0.2%
49.4%	46.9	46.8	-0.1	-0.2%
50.6%	46.8	46.7	-0.1	-0.2%
51.9%	46.6	46.6	0.0	0.0%
53.1%	46.6	46.6	0.0	0.0%
54.3%	46.6	46.6	0.0	0.0%
55.6%	46.6	46.6	0.0	0.0%
56.8%	46.4	46.4	0.0	0.0%
58.0%	46.4	46.4	0.0	0.0%
59.3%	46.4	46.4	0.0	0.0%
60.5%	46.4	46.4	0.0	0.0%
61.7%	46.3	46.3	0.0	0.0%
63.0%	46.3	46.3	0.0	0.0%
64.2%	46.3	46.3	0.0	0.0%
65.4%	46.3	46.3	0.0	0.0%
66.7%	46.2	46.3	0.1	0.2%
67.9%	46.0	46.0	0.0	0.0%
69.1%	45.8	45.8	0.0	0.0%
70.4%	45.7	45.6	-0.1	-0.2%
71.6%	45.7	45.5	-0.2	-0.4%
72.8%	45.7	45.5	-0.2	-0.4%
74.1%	45.6	45.5	-0.1	-0.2%
75.3%	45.5	45.5	0.0	0.0%
76.5%	45.5	45.5	0.0	0.0%
77.8%	45.5	45.4	-0.1	-0.2%
79.0%	45.4	45.3	-0.1	-0.2%
80.2%	45.4	45.2	-0.2	-0.4%
81.5%	45.3	45.2	-0.1	-0.2%
82.7%	45.3	45.1	-0.2	-0.4%
84.0%	45.2	45.0	-0.2	-0.4%
85.2%	45.0	45.0	0.0	0.0%
86.4%	45.0	44.7	-0.3	-0.7%
87.7%	44.9	44.5	-0.4	-0.9%
88.9%	44.7	44.5	-0.2	-0.4%
90.1%	44.5	44.5	0.0	0.0%
91.4%	44.4	44.4	0.0	0.0%
92.6%	44.4	44.3	-0.1	-0.2%
93.8%	44.3	44.3	0.0	0.0%
95.1%	43.9	43.9	0.0	0.0%
96.3%	43.8	43.8	0.0	0.0%
97.5%	43.5	43.5	0.0	0.0%
98.8%	42.9	42.9	0.0	0.0%
100.0%	42.9	42.9	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.1	56.1	0.0	0.0%
1.2%	55.6	56.0	0.4	0.7%
2.5%	55.0	54.9	-0.1	-0.2%
3.7%	54.9	54.8	-0.1	-0.2%
4.9%	54.8	54.7	-0.1	-0.2%
6.2%	54.8	54.4	-0.4	-0.7%
7.4%	54.4	54.4	0.0	0.0%
8.6%	54.4	54.3	-0.1	-0.2%
9.9%	54.3	54.2	-0.1	-0.2%
11.1%	54.3	54.0	-0.3	-0.6%
12.3%	54.0	53.9	-0.1	-0.2%
13.6%	53.9	53.8	-0.1	-0.2%
14.8%	53.9	53.7	-0.2	-0.4%
16.0%	53.8	53.7	-0.1	-0.2%
17.3%	53.7	53.7	0.0	0.0%
18.5%	53.7	53.6	-0.1	-0.2%
19.8%	53.6	53.5	-0.1	-0.2%
21.0%	53.4	53.3	-0.1	-0.2%
22.2%	53.2	53.2	0.0	0.0%
23.5%	53.2	53.2	0.0	0.0%
24.7%	53.1	53.1	0.0	0.0%
25.9%	53.0	53.0	0.0	0.0%
27.2%	52.9	52.9	0.0	0.0%
28.4%	52.7	52.7	0.0	0.0%
29.6%	52.7	52.7	0.0	0.0%
30.9%	52.7	52.6	-0.1	-0.2%
32.1%	52.6	52.6	0.0	0.0%
33.3%	52.6	52.6	0.0	0.0%
34.6%	52.6	52.6	0.0	0.0%
35.8%	52.5	52.5	0.0	0.0%
37.0%	52.4	52.4	0.0	0.0%
38.3%	52.4	52.3	-0.1	-0.2%
39.5%	52.3	52.2	-0.1	-0.2%
40.7%	52.2	52.2	0.0	0.0%
42.0%	52.2	52.1	-0.1	-0.2%
43.2%	52.1	52.1	0.0	0.0%
44.4%	52.1	52.0	-0.1	-0.2%
45.7%	52.0	51.9	-0.1	-0.2%
46.9%	51.9	51.9	0.0	0.0%
48.1%	51.9	51.9	0.0	0.0%
49.4%	51.7	51.7	0.0	0.0%
50.6%	51.6	51.7	0.1	0.2%
51.9%	51.6	51.6	0.0	0.0%
53.1%	51.6	51.6	0.0	0.0%
54.3%	51.5	51.5	0.0	0.0%
55.6%	51.4	51.5	0.1	0.2%
56.8%	51.4	51.5	0.1	0.2%
58.0%	51.3	51.4	0.1	0.2%
59.3%	51.3	51.4	0.1	0.2%
60.5%	51.3	51.3	0.0	0.0%
61.7%	51.3	51.3	0.0	0.0%
63.0%	51.2	51.3	0.1	0.2%
64.2%	51.2	51.3	0.1	0.2%
65.4%	51.1	51.2	0.1	0.2%
66.7%	51.0	51.2	0.2	0.4%
67.9%	50.9	51.1	0.2	0.4%
69.1%	50.9	51.0	0.1	0.2%
70.4%	50.9	50.9	0.0	0.0%
71.6%	50.9	50.8	-0.1	-0.2%
72.8%	50.9	50.8	-0.1	-0.2%
74.1%	50.8	50.8	0.0	0.0%
75.3%	50.6	50.7	0.1	0.2%
76.5%	50.5	50.6	0.1	0.2%
77.8%	50.5	50.5	0.0	0.0%
79.0%	50.4	50.4	0.0	0.0%
80.2%	50.4	50.2	-0.2	-0.4%
81.5%	50.3	50.2	-0.1	-0.2%
82.7%	50.2	50.0	-0.2	-0.4%
84.0%	50.2	50.0	-0.2	-0.4%
85.2%	50.2	49.9	-0.3	-0.6%
86.4%	49.9	49.7	-0.2	-0.4%
87.7%	49.7	49.4	-0.3	-0.6%
88.9%	49.5	49.4	-0.1	-0.2%
90.1%	49.4	49.3	-0.1	-0.2%
91.4%	49.4	49.1	-0.3	-0.6%
92.6%	48.7	48.7	0.0	0.0%
93.8%	48.6	48.6	0.0	0.0%
95.1%	48.4	48.4	0.0	0.0%
96.3%	48.4	48.4	0.0	0.0%
97.5%	48.3	48.4	0.1	0.2%
98.8%	47.5	47.5	0.0	0.0%
100.0%	47.5	47.5	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.0	56.0	0.0	0.0%
1.2%	55.9	55.9	0.0	0.0%
2.5%	53.6	53.8	0.2	0.4%
3.7%	52.8	52.9	0.1	0.2%
4.9%	52.7	52.7	0.0	0.0%
6.2%	52.6	52.7	0.1	0.2%
7.4%	52.3	52.5	0.2	0.4%
8.6%	52.1	52.3	0.2	0.4%
9.9%	51.4	52.0	0.6	1.2%
11.1%	51.1	51.1	0.0	0.0%
12.3%	51.1	51.0	-0.1	-0.2%
13.6%	50.9	50.9	0.0	0.0%
14.8%	50.8	50.3	-0.5	-1.0%
16.0%	50.3	50.2	-0.1	-0.2%
17.3%	50.2	50.0	-0.2	-0.4%
18.5%	50.1	50.0	-0.1	-0.2%
19.8%	50.0	49.9	-0.1	-0.2%
21.0%	49.9	49.9	0.0	0.0%
22.2%	49.9	49.9	0.0	0.0%
23.5%	49.8	49.8	0.0	0.0%
24.7%	49.8	49.8	0.0	0.0%
25.9%	49.5	49.6	0.1	0.2%
27.2%	49.5	49.5	0.0	0.0%
28.4%	49.5	49.5	0.0	0.0%
29.6%	49.3	49.3	0.0	0.0%
30.9%	49.3	49.3	0.0	0.0%
32.1%	49.3	49.3	0.0	0.0%
33.3%	49.3	49.2	-0.1	-0.2%
34.6%	49.3	49.2	-0.1	-0.2%
35.8%	49.2	49.2	0.0	0.0%
37.0%	49.2	49.0	-0.2	-0.4%
38.3%	49.0	48.9	-0.1	-0.2%
39.5%	48.9	48.8	-0.1	-0.2%
40.7%	48.8	48.8	0.0	0.0%
42.0%	48.8	48.8	0.0	0.0%
43.2%	48.8	48.7	-0.1	-0.2%
44.4%	48.7	48.7	0.0	0.0%
45.7%	48.6	48.7	0.1	0.2%
46.9%	48.6	48.6	0.0	0.0%
48.1%	48.6	48.6	0.0	0.0%
49.4%	48.3	48.5	0.2	0.4%
50.6%	48.3	48.3	0.0	0.0%
51.9%	48.2	48.2	0.0	0.0%
53.1%	48.2	48.2	0.0	0.0%
54.3%	48.1	48.1	0.0	0.0%
55.6%	48.1	48.1	0.0	0.0%
56.8%	48.0	48.0	0.0	0.0%
58.0%	47.9	48.0	0.1	0.2%
59.3%	47.9	47.9	0.0	0.0%
60.5%	47.9	47.9	0.0	0.0%
61.7%	47.8	47.9	0.1	0.2%
63.0%	47.7	47.8	0.1	0.2%
64.2%	47.7	47.7	0.0	0.0%
65.4%	47.7	47.7	0.0	0.0%
66.7%	47.7	47.7	0.0	0.0%
67.9%	47.7	47.7	0.0	0.0%
69.1%	47.6	47.7	0.1	0.2%
70.4%	47.6	47.6	0.0	0.0%
71.6%	47.6	47.6	0.0	0.0%
72.8%	47.6	47.5	-0.1	-0.2%
74.1%	47.5	47.4	-0.1	-0.2%
75.3%	47.5	47.4	-0.1	-0.2%
76.5%	47.4	47.4	0.0	0.0%
77.8%	47.3	47.3	0.0	0.0%
79.0%	47.2	47.3	0.1	0.2%
80.2%	47.2	47.2	0.0	0.0%
81.5%	47.1	47.1	0.0	0.0%
82.7%	47.1	47.1	0.0	0.0%
84.0%	47.1	46.9	-0.2	-0.4%
85.2%	46.9	46.9	0.0	0.0%
86.4%	46.9	46.9	0.0	0.0%
87.7%	46.8	46.9	0.1	0.2%
88.9%	46.8	46.9	0.1	0.2%
90.1%	46.7	46.5	-0.2	-0.4%
91.4%	46.5	46.5	0.0	0.0%
92.6%	46.4	46.5	0.1	0.2%
93.8%	46.4	46.4	0.0	0.0%
95.1%	46.4	46.1	-0.3	-0.6%
96.3%	46.1	45.7	-0.4	-0.9%
97.5%	45.5	45.5	0.0	0.0%
98.8%	45.3	45.4	0.1	0.2%
100.0%	45.3	45.4	0.1	0.2%

Table SQ-34-5b

Trinity River at Douglas City, Monthly Temperature

Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	64.8	64.8	0.0	0.0%
1.2%	63.2	62.8	-0.4	-0.6%
2.5%	62.8	62.2	-0.6	-1.0%
3.7%	62.1	62.1	0.0	0.0%
4.9%	62.0	62.1	0.1	0.2%
6.2%	61.5	61.5	0.0	0.0%
7.4%	61.3	61.2	-0.1	-0.2%
8.6%	61.1	61.0	-0.1	-0.2%
9.9%	60.4	61.0	0.6	1.0%
11.1%	60.3	60.6	0.3	0.5%
12.3%	60.1	60.3	0.2	0.3%
13.6%	59.6	60.1	0.5	0.8%
14.8%	59.1	59.6	0.5	0.8%
16.0%	59.0	59.0	0.0	0.0%
17.3%	59.0	59.0	0.0	0.0%
18.5%	58.8	58.9	0.1	0.2%
19.8%	58.4	58.7	0.3	0.5%
21.0%	57.9	58.4	0.5	0.9%
22.2%	57.6	58.3	0.7	1.2%
23.5%	57.6	57.6	0.0	0.0%
24.7%	57.3	57.2	-0.1	-0.2%
25.9%	57.2	57.1	-0.1	-0.2%
27.2%	57.2	57.0	-0.2	-0.3%
28.4%	57.1	56.8	-0.3	-0.5%
29.6%	57.0	56.8	-0.2	-0.4%
30.9%	57.0	56.7	-0.3	-0.5%
32.1%	56.8	56.4	-0.4	-0.7%
33.3%	56.7	56.1	-0.6	-1.1%
34.6%	56.4	56.1	-0.3	-0.5%
35.8%	55.8	55.8	0.0	0.0%
37.0%	55.7	55.6	-0.1	-0.2%
38.3%	55.3	55.5	0.2	0.4%
39.5%	55.2	55.3	0.1	0.2%
40.7%	54.8	55.2	0.4	0.7%
42.0%	54.6	55.1	0.5	0.9%
43.2%	54.6	54.8	0.2	0.4%
44.4%	54.5	54.6	0.1	0.2%
45.7%	54.5	54.5	0.0	0.0%
46.9%	54.5	54.5	0.0	0.0%
48.1%	54.3	54.3	0.0	0.0%
49.4%	54.2	54.2	0.0	0.0%
50.6%	54.2	54.2	0.0	0.0%
51.9%	54.1	54.2	0.1	0.2%
53.1%	54.0	54.2	0.2	0.4%
54.3%	54.0	53.9	-0.1	-0.2%
55.6%	53.9	53.9	0.0	0.0%
56.8%	53.9	53.8	-0.1	-0.2%
58.0%	53.8	53.6	-0.2	-0.4%
59.3%	53.5	53.5	0.0	0.0%
60.5%	53.5	53.4	-0.1	-0.2%
61.7%	53.5	53.4	-0.1	-0.2%
63.0%	53.4	53.2	-0.2	-0.4%
64.2%	53.2	53.2	0.0	0.0%
65.4%	53.1	53.1	0.0	0.0%
66.7%	53.1	53.1	0.0	0.0%
67.9%	53.1	53.1	0.0	0.0%
69.1%	53.0	53.0	0.0	0.0%
70.4%	53.0	53.0	0.0	0.0%
71.6%	52.8	52.8	0.0	0.0%
72.8%	52.8	52.7	-0.1	-0.2%
74.1%	52.7	52.6	-0.1	-0.2%
75.3%	52.6	52.6	0.0	0.0%
76.5%	52.6	52.5	-0.1	-0.2%
77.8%	52.5	52.4	-0.1	-0.2%
79.0%	52.5	52.3	-0.2	-0.4%
80.2%	52.1	52.1	0.0	0.0%
81.5%	51.6	52.1	0.5	1.0%
82.7%	50.9	51.0	0.1	0.2%
84.0%	50.3	50.7	0.4	0.8%
85.2%	50.1	50.3	0.2	0.4%
86.4%	49.9	49.9	0.0	0.0%
87.7%	49.8	49.8	0.0	0.0%
88.9%	49.8	49.5	-0.3	-0.6%
90.1%	49.5	49.5	0.0	0.0%
91.4%	49.4	49.4	0.0	0.0%
92.6%	49.2	49.2	0.0	0.0%
93.8%	48.2	48.2	0.0	0.0%
95.1%	47.8	47.8	0.0	0.0%
96.3%	47.6	47.6	0.0	0.0%
97.5%	47.2	47.2	0.0	0.0%
98.8%	46.8	46.9	0.1	0.2%
100.0%	46.8	46.9	0.1	0.2%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.1	66.0	-0.1	-0.2%
1.2%	65.3	64.3	-1.0	-1.5%
2.5%	64.5	63.1	-1.4	-2.2%
3.7%	63.8	63.0	-0.8	-1.3%
4.9%	62.9	62.6	-0.3	-0.5%
6.2%	62.7	62.6	-0.1	-0.2%
7.4%	62.6	62.6	0.0	0.0%
8.6%	62.6	62.5	-0.1	-0.2%
9.9%	62.6	62.5	-0.1	-0.2%
11.1%	62.5	62.5	0.0	0.0%
12.3%	62.0	62.4	0.4	0.6%
13.6%	61.9	62.3	0.4	0.6%
14.8%	61.8	61.9	0.1	0.2%
16.0%	61.7	61.9	0.2	0.3%
17.3%	61.5	61.9	0.4	0.7%
18.5%	61.4	61.5	0.1	0.2%
19.8%	61.3	61.2	-0.1	-0.2%
21.0%	61.2	61.1	-0.1	-0.2%
22.2%	61.1	60.9	-0.2	-0.3%
23.5%	60.8	60.9	0.1	0.2%
24.7%	60.8	60.8	0.0	0.0%
25.9%	60.7	60.8	0.1	0.2%
27.2%	60.3	60.3	0.0	0.0%
28.4%	60.1	60.1	0.0	0.0%
29.6%	60.0	60.1	0.1	0.2%
30.9%	60.0	60.0	0.0	0.0%
32.1%	59.9	59.7	-0.2	-0.3%
33.3%	59.7	59.7	0.0	0.0%
34.6%	59.7	59.4	-0.3	-0.5%
35.8%	59.6	59.4	-0.2	-0.3%
37.0%	59.4	59.2	-0.2	-0.3%
38.3%	59.3	59.2	-0.1	-0.2%
39.5%	59.0	59.2	0.2	0.3%
40.7%	58.9	59.0	0.1	0.2%
42.0%	58.9	58.8	-0.1	-0.2%
43.2%	58.8	58.7	-0.1	-0.2%
44.4%	58.7	58.6	-0.1	-0.2%
45.7%	58.5	58.5	0.0	0.0%
46.9%	58.5	58.5	0.0	0.0%
48.1%	58.5	58.5	0.0	0.0%
49.4%	58.4	58.4	0.0	0.0%
50.6%	58.2	58.4	0.2	0.3%
51.9%	58.1	58.2	0.1	0.2%
53.1%	58.0	58.0	0.0	0.0%
54.3%	58.0	58.0	0.0	0.0%
55.6%	57.9	57.9	0.0	0.0%
56.8%	57.8	57.8	0.0	0.0%
58.0%	57.8	57.7	-0.1	-0.2%
59.3%	57.7	57.5	-0.2	-0.3%
60.5%	57.5	57.4	-0.1	-0.2%
61.7%	57.4	57.4	0.0	0.0%
63.0%	57.4	57.4	0.0	0.0%
64.2%	57.4	57.3	-0.1	-0.2%
65.4%	57.3	57.2	-0.1	-0.2%
66.7%	57.2	57.2	0.0	0.0%
67.9%	57.2	57.1	-0.1	-0.2%
69.1%	57.1	57.0	-0.1	-0.2%
70.4%	57.1	57.0	-0.1	-0.2%
71.6%	57.0	57.0	0.0	0.0%
72.8%	57.0	56.9	-0.1	-0.2%
74.1%	56.9	56.8	-0.1	-0.2%
75.3%	56.7	56.8	0.1	0.2%
76.5%	56.7	56.7	0.0	0.0%
77.8%	56.6	56.6	0.0	0.0%
79.0%	56.4	56.4	0.0	0.0%
80.2%	56.2	56.3	0.1	0.2%
81.5%	56.1	56.1	0.0	0.0%
82.7%	56.0	56.0	0.0	0.0%
84.0%	56.0	56.0	0.0	0.0%
85.2%	55.9	55.9	0.0	0.0%
86.4%	55.6	55.5	-0.1	-0.2%
87.7%	55.5	55.4	-0.1	-0.2%
88.9%	55.4	55.4	0.0	0.0%
90.1%	55.1	55.1	0.0	0.0%
91.4%	55.0	55.0	0.0	0.0%
92.6%	54.6	54.6	0.0	0.0%
93.8%	54.6	54.5	-0.1	-0.2%
95.1%	54.2	54.2	0.0	0.0%
96.3%	54.1	54.2	0.1	0.2%
97.5%	51.4	51.4	0.0	0.0%
98.8%	49.7	49.7	0.0	0.0%
100.0%	49.7	49.7	0.0	0.0%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.8	67.7	-0.1	-0.1%
1.2%	66.9	66.9	0.0	0.0%
2.5%	65.5	65.9	0.4	0.6%
3.7%	64.2	64.2	0.0	0.0%
4.9%	64.2	64.2	0.0	0.0%
6.2%	63.1	63.1	0.0	0.0%
7.4%	62.7	62.5	-0.2	-0.3%
8.6%	62.6	62.4	-0.2	-0.3%
9.9%	62.4	62.3	-0.1	-0.2%
11.1%	62.3	61.7	-0.6	-1.0%
12.3%	62.1	61.6	-0.5	-0.8%
13.6%	61.7	61.5	-0.2	-0.3%
14.8%	61.7	60.8	-0.9	-1.5%
16.0%	61.3	60.7	-0.6	-1.0%
17.3%	60.9	60.7	-0.2	-0.3%
18.5%	60.8	60.7	-0.1	-0.2%
19.8%	60.7	60.5	-0.2	-0.3%
21.0%	60.5	60.3	-0.2	-0.3%
22.2%	60.4	60.3	-0.1	-0.2%
23.5%	60.4	60.3	-0.1	-0.2%
24.7%	60.3	60.1	-0.2	-0.3%
25.9%	60.3	60.1	-0.2	-0.3%
27.2%	60.1	60.1	0.0	0.0%
28.4%	60.1	60.1	0.0	0.0%
29.6%	60.1	59.9	-0.2	-0.3%
30.9%	59.9	59.7	-0.2	-0.3%
32.1%	59.9	59.6	-0.3	-0.5%
33.3%	59.8	59.6	-0.2	-0.3%
34.6%	59.8	59.6	-0.2	-0.3%
35.8%	59.7	59.5	-0.2	-0.3%
37.0%	59.6	59.5	-0.1	-0.2%
38.3%	59.6	59.5	-0.1	-0.2%
39.5%	59.5	59.4	-0.1	-0.2%
40.7%	59.5	59.4	-0.1	-0.2%
42.0%	59.4	59.4	0.0	0.0%
43.2%	59.4	59.4	0.0	0.0%
44.4%	59.4	59.3	-0.1	-0.2%
45.7%	59.4	59.2	-0.2	-0.3%
46.9%	59.3	59.2	-0.1	-0.2%
48.1%	59.2	59.2	0.0	0.0%
49.4%	59.2	59.0	-0.2	-0.3%
50.6%	59.1	59.0	-0.1	-0.2%
51.9%	59.0	59.0	0.0	0.0%
53.1%	58.9	58.9	0.0	0.0%
54.3%	58.9	58.7	-0.2	-0.3%
55.6%	58.9	58.6	-0.3	-0.5%
56.8%	58.7	58.6	-0.1	-0.2%
58.0%	58.7	58.6	-0.1	-0.2%
59.3%	58.6	58.5	-0.1	-0.2%
60.5%	58.6	58.5	-0.1	-0.2%
61.7%	58.5	58.5	0.0	0.0%
63.0%	58.5	58.5	0.0	0.0%
64.2%	58.5	58.4	-0.1	-0.2%
65.4%	58.5	58.4	-0.1	-0.2%
66.7%	58.4	58.3	-0.1	-0.2%
67.9%	58.4	58.3	-0.1	-0.2%
69.1%	58.3	58.3	0.0	0.0%
70.4%	58.3	58.2	-0.1	-0.2%
71.6%	58.2	58.2	0.0	0.0%
72.8%	58.2	58.2	0.0	0.0%
74.1%	58.2	58.2	0.0	0.0%
75.3%	58.1	58.2	0.1	0.2%
76.5%	58.1	58.1	0.0	0.0%
77.8%	58.1	58.1	0.0	0.0%
79.0%	58.0	58.0	0.0	0.0%
80.2%	58.0	57.9	-0.1	-0.2%
81.5%	57.9	57.9	0.0	0.0%
82.7%	57.5	57.8	0.3	0.5%
84.0%	57.4	57.5	0.1	0.2%
85.2%	57.2	57.5	0.3	0.5%
86.4%	57.1	57.1	0.0	0.0%
87.7%	57.0	57.1	0.1	0.2%
88.9%	56.9	57.1	0.2	0.4%
90.1%	56.9	56.9	0.0	0.0%
91.4%	56.8	56.9	0.1	0.2%
92.6%	56.4	56.8	0.4	0.7%
93.8%	56.3	56.4	0.1	0.2%
95.1%	56.3	56.3	0.0	0.0%
96.3%	56.1	56.1	0.0	0.0%
97.5%	55.1	55.1	0.0	0.0%
98.8%	54.5	55.0	0.5	0.9%
100.0%	54.5	55.0	0.5	0.9%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.3	82.3	16.0	24.1%
1.2%	65.5	64.8	-0.7	-1.1%
2.5%	62.4	61.3	-1.1	-1.8%
3.7%	61.8	60.2	-1.6	-2.6%
4.9%	61.3	59.4	-1.9	-3.1%
6.2%	60.7	59.0	-1.7	-2.8%
7.4%	60.3	58.4	-1.9	-3.2%
8.6%	59.8	58.1	-1.7	-2.8%
9.9%	58.5	58.0	-0.5	-0.9%
11.1%	57.8	57.8	0.0	0.0%
12.3%	57.8	57.4	-0.4	-0.7%
13.6%	57.7	57.4	-0.3	-0.5%
14.8%	57.5	57.1	-0.4	-0.7%
16.0%	57.1	56.6	-0.5	-0.9%
17.3%	57.0	56.6	-0.4	-0.7%
18.5%	56.6	56.6	0.0	0.0%
19.8%	56.6	56.5	-0.1	-0.2%
21.0%	56.6	56.3	-0.3	-0.5%
22.2%	56.3	56.3	0.0	0.0%
23.5%	56.3	56.2	-0.1	-0.2%
24.7%	55.9	56.1	0.2	0.4%
25.9%	55.9	55.9	0.0	0.0%
27.2%	55.9	55.7	-0.2	-0.4%
28.4%	55.8	55.7	-0.1	-0.2%
29.6%	55.8	55.5	-0.3	-0.5%
30.9%	55.7	55.4	-0.3	-0.5%
32.1%	55.5	55.4	-0.1	-0.2%
33.3%	55.4	55.4	0.0	0.0%
34.6%	55.4	55.4	0.0	0.0%
35.8%	55.4	55.4	0.0	0.0%
37.0%	55.4	55.4	0.0	0.0%
38.3%	55.3	55.3	0.0	0.0%
39.5%	55.3	55.2	-0.1	-0.2%
40.7%	55.3	55.2	-0.1	-0.2%
42.0%	55.2	55.1	-0.1	-0.2%
43.2%	55.2	55.1	-0.1	-0.2%
44.4%	55.1	55.1	0.0	0.0%
45.7%	55.0	55.0	0.0	0.0%
46.9%	55.0	54.9	-0.1	-0.2%
48.1%	54.9	54.9	0.0	0.0%
49.4%	54.9	54.9	0.0	0.0%
50.6%	54.8	54.8	0.0	0.0%
51.9%	54.8	54.8	0.0	0.0%
53.1%	54.8	54.8	0.0	0.0%
54.3%	54.8	54.7	-0.1	-0.2%
55.6%	54.7	54.7	0.0	0.0%
56.8%	54.7	54.7	0.0	0.0%
58.0%	54.7	54.5	-0.2	-0.4%
59.3%	54.6	54.5	-0.1	-0.2%
60.5%	54.6	54.5	-0.1	-0.2%
61.7%	54.6	54.5	-0.1	-0.2%
63.0%	54.6	54.4	-0.2	-0.4%
64.2%	54.5	54.4	-0.1	-0.2%
65.4%	54.4	54.3	-0.1	-0.2%
66.7%	54.3	54.3	0.0	0.0%
67.9%	54.3	54.3	0.0	0.0%
69.1%	54.3	54.2	-0.1	-0.2%
70.4%	54.1	54.1	0.0	0.0%
71.6%	54.1	54.0	-0.1	-0.2%
72.8%	54.0	54.0	0.0	0.0%
74.1%	54.0	53.9	-0.1	-0.2%
75.3%	54.0	53.9	-0.1	-0.2%
76.5%	53.9	53.8	-0.1	-0.2%
77.8%	53.9	53.7	-0.2	-0.4%
79.0%	53.8	53.7	-0.1	-0.2%
80.2%	53.7	53.6	-0.1	-0.2%
81.5%	53.7	53.5	-0.2	-0.4%
82.7%	53.6	53.5	-0.1	-0.2%
84.0%	53.6	53.4	-0.2	-0.4%
85.2%	53.6	53.3	-0.3	-0.6%
86.4%	53.3	53.2	-0.1	-0.2%
87.7%	53.3	53.1	-0.2	-0.4%
88.9%	53.2	53.0	-0.2	-0.4%
90.1%	53.0	53.0	0.0	0.0%
91.4%	53.0	53.0	0.0	0.0%
92.6%	53.0	52.5	-0.5	-0.9%
93.8%	53.0	52.4	-0.6	-1.1%
95.1%	52.6	52.3	-0.3	-0.6%
96.3%	52.3	52.2	-0.1	-0.2%
97.5%	51.5	51.6	0.1	0.2%
98.8%	50.9	50.7	-0.2	-0.4%
100.0%	50.9	50.7	-0.2	-0.4%

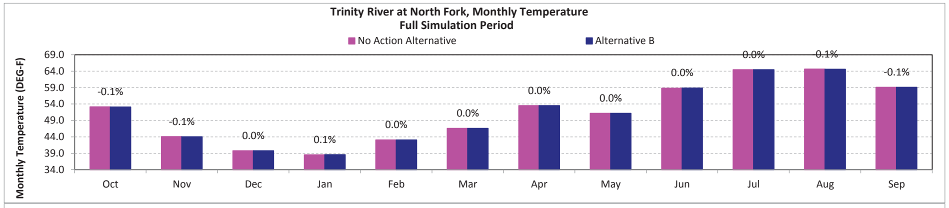
Table SQ-35-5a
Trinity River at North Fork, Monthly Temperature
Long-term Average and Average by Water Year Type

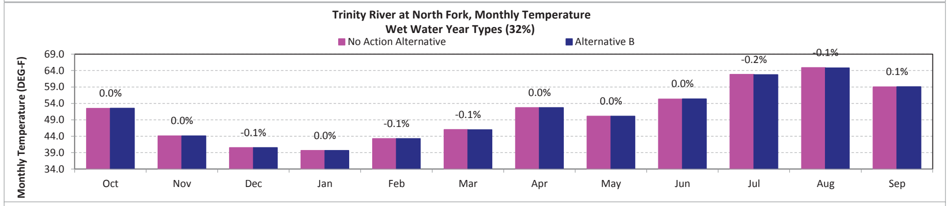
	Monthly Temperature (DEG-F)											
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period[1]												
No Action Alternative	53.2	44.1	39.8	38.5	43.1	46.6	53.5	51.2	58.8	64.5	64.6	59.1
Alternative B	53.1	44.0	39.8	38.6	43.1	46.6	53.5	51.2	58.9	64.4	64.6	59.1
Difference	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Percent Difference[3]	-0.1%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	52.5	44.1	40.5	39.6	43.3	46.0	52.7	50.1	55.3	62.8	64.9	59.0
Alternative B	52.5	44.1	40.5	39.6	43.2	46.0	52.7	50.1	55.3	62.7	64.8	59.1
Difference	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.1
Percent Difference	0.0%	0.0%	-0.1%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	-0.2%	-0.1%	0.1%
Above Normal (15%)												
No Action Alternative	52.5	42.8	39.6	38.3	43.1	46.4	53.5	50.3	57.8	63.4	64.1	58.3
Alternative B	52.3	42.7	39.6	38.3	43.1	46.4	53.5	50.3	57.7	63.4	64.0	58.2
Difference	-0.2	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Percent Difference	-0.3%	-0.2%	0.1%	0.0%	0.1%	0.0%	0.0%	-0.1%	-0.1%	0.0%	-0.1%	-0.1%
Below Normal (17%)												
No Action Alternative	53.6	44.4	39.5	37.9	42.6	46.5	53.9	50.9	59.5	64.9	64.9	59.5
Alternative B	53.5	44.4	39.5	37.9	42.6	46.5	53.9	50.9	59.6	64.9	65.0	59.5
Difference	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0
Percent Difference	-0.2%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.0%
Dry (22%)												
No Action Alternative	53.0	44.2	39.8	37.7	42.8	46.9	54.0	51.5	61.5	65.2	63.9	58.5
Alternative B	53.0	44.0	39.8	37.7	42.8	46.9	53.9	51.5	61.5	65.1	63.9	58.4
Difference	0.0	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	-0.1
Percent Difference	0.0%	-0.3%	0.0%	0.2%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.2%	0.1%	-0.3%
Critical (15%)												
No Action Alternative	54.9	44.6	38.5	38.3	43.4	47.5	54.0	54.3	63.2	67.8	65.4	60.6
Alternative B	54.7	44.6	38.5	38.4	43.4	47.5	54.0	54.3	63.2	67.9	65.2	60.5
Difference	-0.2	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	0.2	-0.2	-0.1
Percent Difference	-0.4%	0.0%	0.1%	0.2%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.2%	-0.3%	-0.1%

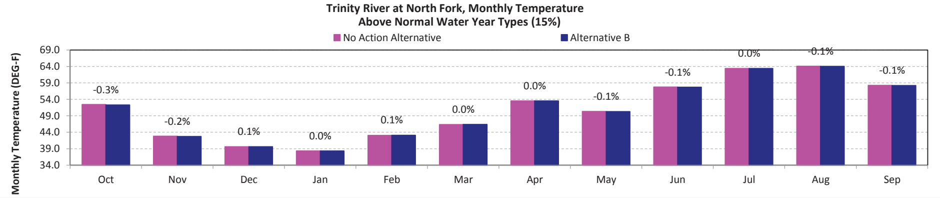
1 Based on the 82-year simulation period

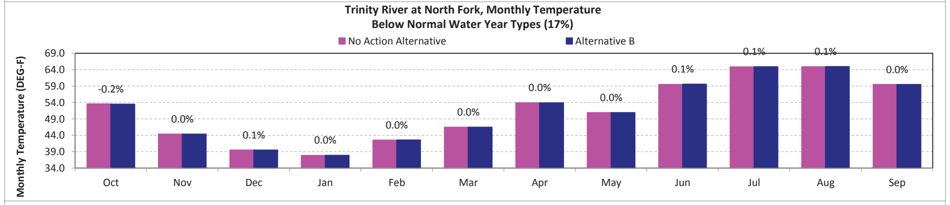
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

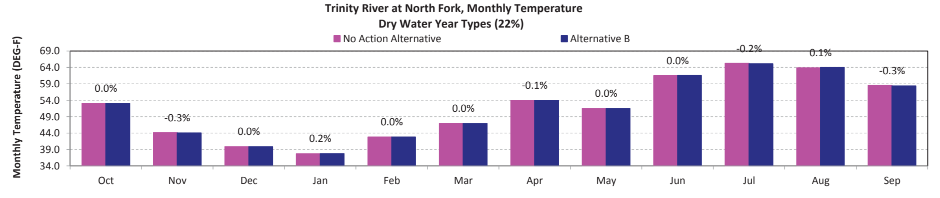
3 Relative difference of the monthly average











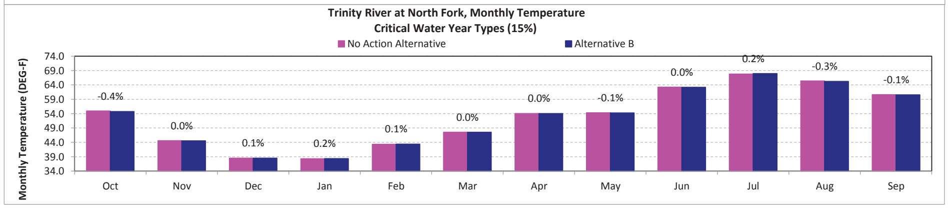


Figure SQ-35-5b
Trinity River at North Fork, Monthly Temperature
Probability of Exceedance

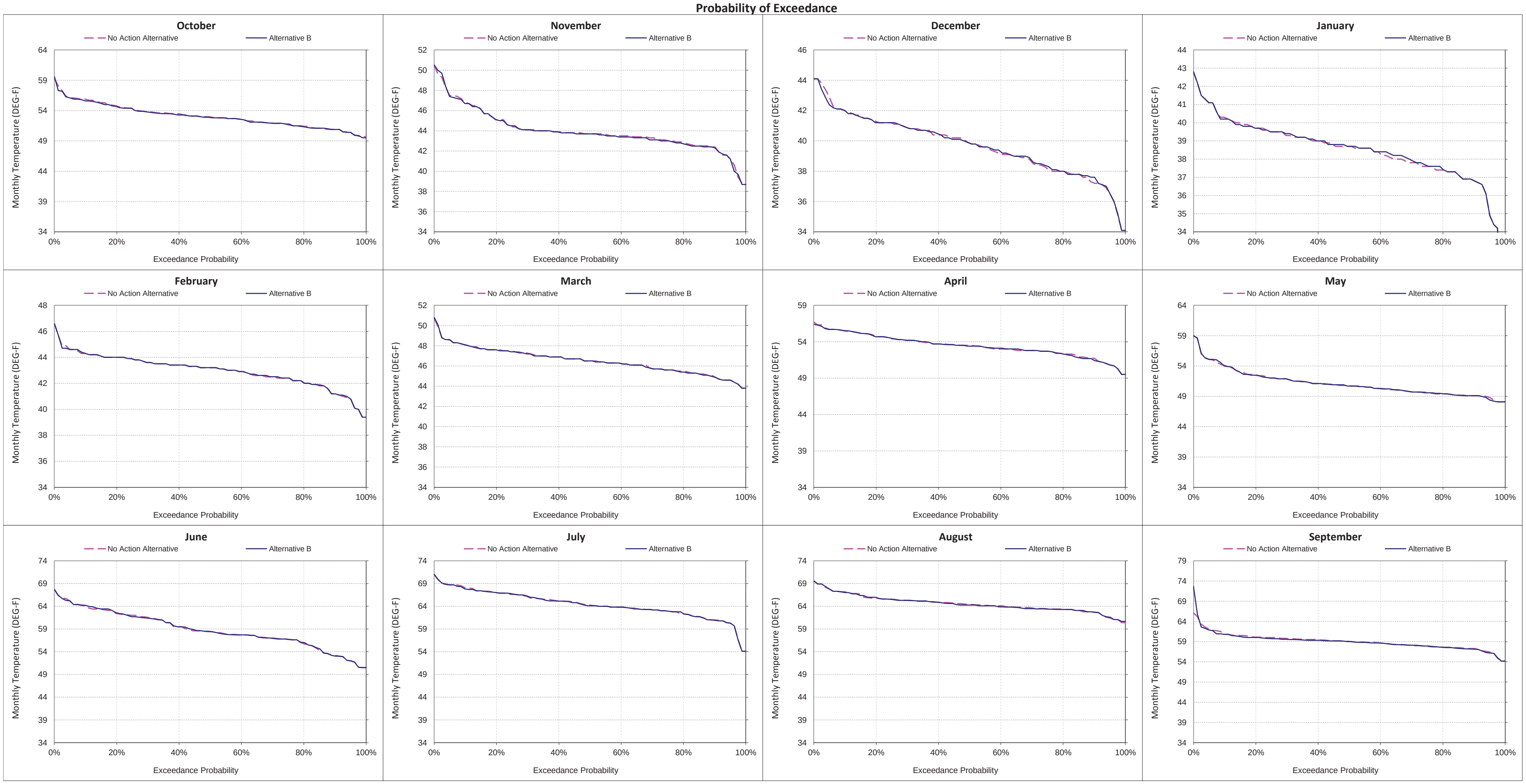


Table SQ-35-5b

Trinity River at North Fork, Monthly Temperature
Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.3	59.6	0.3	0.5%
1.2%	58.1	57.3	-0.8	-1.4%
2.5%	57.3	57.2	-0.1	-0.2%
3.7%	56.4	56.3	-0.1	-0.2%
4.9%	56.1	56.1	0.0	0.0%
6.2%	56.1	55.9	-0.2	-0.4%
7.4%	56.0	55.9	-0.1	-0.2%
8.6%	55.9	55.8	-0.1	-0.2%
9.9%	55.9	55.6	-0.3	-0.5%
11.1%	55.7	55.6	-0.1	-0.2%
12.3%	55.7	55.5	-0.2	-0.4%
13.6%	55.5	55.4	-0.1	-0.2%
14.8%	55.3	55.2	-0.1	-0.2%
16.0%	55.3	55.0	-0.3	-0.5%
17.3%	55.0	55.0	0.0	0.0%
18.5%	54.9	54.8	-0.1	-0.2%
19.8%	54.8	54.7	-0.1	-0.2%
21.0%	54.6	54.5	-0.1	-0.2%
22.2%	54.5	54.4	-0.1	-0.2%
23.5%	54.4	54.4	0.0	0.0%
24.7%	54.4	54.4	0.0	0.0%
25.9%	54.1	54.0	-0.1	-0.2%
27.2%	54.0	53.9	-0.1	-0.2%
28.4%	53.9	53.9	0.0	0.0%
29.6%	53.8	53.8	0.0	0.0%
30.9%	53.8	53.7	-0.1	-0.2%
32.1%	53.7	53.6	-0.1	-0.2%
33.3%	53.6	53.6	0.0	0.0%
34.6%	53.6	53.5	-0.1	-0.2%
35.8%	53.6	53.5	-0.1	-0.2%
37.0%	53.5	53.5	0.0	0.0%
38.3%	53.5	53.4	-0.1	-0.2%
39.5%	53.5	53.3	-0.2	-0.4%
40.7%	53.4	53.3	-0.1	-0.2%
42.0%	53.2	53.3	0.1	0.2%
43.2%	53.1	53.1	0.0	0.0%
44.4%	53.1	53.1	0.0	0.0%
45.7%	53.1	53.1	0.0	0.0%
46.9%	53.0	53.0	0.0	0.0%
48.1%	53.0	52.9	-0.1	-0.2%
49.4%	53.0	52.9	-0.1	-0.2%
50.6%	52.9	52.8	-0.1	-0.2%
51.9%	52.8	52.8	0.0	0.0%
53.1%	52.8	52.8	0.0	0.0%
54.3%	52.8	52.8	0.0	0.0%
55.6%	52.8	52.7	-0.1	-0.2%
56.8%	52.7	52.7	0.0	0.0%
58.0%	52.7	52.7	0.0	0.0%
59.3%	52.6	52.6	0.0	0.0%
60.5%	52.6	52.5	-0.1	-0.2%
61.7%	52.3	52.3	0.0	0.0%
63.0%	52.3	52.1	-0.2	-0.4%
64.2%	52.2	52.1	-0.1	-0.2%
65.4%	52.1	52.1	0.0	0.0%
66.7%	52.1	52.1	0.0	0.0%
67.9%	52.0	52.0	0.0	0.0%
69.1%	52.0	51.9	-0.1	-0.2%
70.4%	51.9	51.9	0.0	0.0%
71.6%	51.9	51.9	0.0	0.0%
72.8%	51.9	51.9	0.0	0.0%
74.1%	51.8	51.8	0.0	0.0%
75.3%	51.6	51.8	0.2	0.4%
76.5%	51.5	51.5	0.0	0.0%
77.8%	51.5	51.5	0.0	0.0%
79.0%	51.5	51.4	-0.1	-0.2%
80.2%	51.4	51.3	-0.1	-0.2%
81.5%	51.4	51.2	-0.2	-0.4%
82.7%	51.2	51.1	-0.1	-0.2%
84.0%	51.1	51.1	0.0	0.0%
85.2%	51.1	51.1	0.0	0.0%
86.4%	51.0	51.1	0.1	0.2%
87.7%	50.9	51.0	0.1	0.2%
88.9%	50.9	50.9	0.0	0.0%
90.1%	50.9	50.9	0.0	0.0%
91.4%	50.9	50.9	0.0	0.0%
92.6%	50.5	50.5	0.0	0.0%
93.8%	50.5	50.4	-0.1	-0.2%
95.1%	50.3	50.4	0.1	0.2%
96.3%	50.0	49.9	-0.1	-0.2%
97.5%	49.8	49.9	0.1	0.2%
98.8%	49.7	49.5	-0.2	-0.4%
100.0%	49.7	49.5	-0.2	-0.4%

November				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.5	50.5	0.0	0.0%
1.2%	49.6	50.0	0.4	0.8%
2.5%	49.3	49.7	0.4	0.8%
3.7%	48.3	48.4	0.1	0.2%
4.9%	47.5	47.4	-0.1	-0.2%
6.2%	47.5	47.3	-0.2	-0.4%
7.4%	47.4	47.2	-0.2	-0.4%
8.6%	47.2	47.1	-0.1	-0.2%
9.9%	46.8	46.7	-0.1	-0.2%
11.1%	46.7	46.7	0.0	0.0%
12.3%	46.5	46.4	-0.1	-0.2%
13.6%	46.5	46.4	-0.1	-0.2%
14.8%	46.2	46.2	0.0	0.0%
16.0%	45.7	45.7	0.0	0.0%
17.3%	45.6	45.7	0.1	0.2%
18.5%	45.4	45.4	0.0	0.0%
19.8%	45.1	45.1	0.0	0.0%
21.0%	45.1	45.0	-0.1	-0.2%
22.2%	45.1	45.0	-0.1	-0.2%
23.5%	44.6	44.6	0.0	0.0%
24.7%	44.4	44.5	0.1	0.2%
25.9%	44.4	44.5	0.1	0.2%
27.2%	44.2	44.2	0.0	0.0%
28.4%	44.1	44.1	0.0	0.0%
29.6%	44.1	44.1	0.0	0.0%
30.9%	44.1	44.1	0.0	0.0%
32.1%	44.1	44.0	-0.1	-0.2%
33.3%	44.0	44.0	0.0	0.0%
34.6%	44.0	44.0	0.0	0.0%
35.8%	44.0	44.0	0.0	0.0%
37.0%	44.0	44.0	0.0	0.0%
38.3%	43.9	43.9	0.0	0.0%
39.5%	43.9	43.9	0.0	0.0%
40.7%	43.9	43.8	-0.1	-0.2%
42.0%	43.8	43.8	0.0	0.0%
43.2%	43.8	43.8	0.0	0.0%
44.4%	43.8	43.8	0.0	0.0%
45.7%	43.8	43.7	-0.1	-0.2%
46.9%	43.8	43.7	-0.1	-0.2%
48.1%	43.7	43.7	0.0	0.0%
49.4%	43.7	43.7	0.0	0.0%
50.6%	43.7	43.7	0.0	0.0%
51.9%	43.7	43.7	0.0	0.0%
53.1%	43.7	43.6	-0.1	-0.2%
54.3%	43.7	43.6	-0.1	-0.2%
55.6%	43.6	43.5	-0.1	-0.2%
56.8%	43.5	43.5	0.0	0.0%
58.0%	43.5	43.5	0.0	0.0%
59.3%	43.5	43.4	-0.1	-0.2%
60.5%	43.5	43.4	-0.1	-0.2%
61.7%	43.5	43.4	-0.1	-0.2%
63.0%	43.5	43.4	-0.1	-0.2%
64.2%	43.4	43.3	-0.1	-0.2%
65.4%	43.4	43.3	-0.1	-0.2%
66.7%	43.4	43.3	-0.1	-0.2%
67.9%	43.4	43.3	-0.1	-0.2%
69.1%	43.3	43.1	-0.2	-0.5%
70.4%	43.3	43.1	-0.2	-0.5%
71.6%	43.2	43.1	-0.1	-0.2%
72.8%	43.1	43.0	-0.1	-0.2%
74.1%	43.1	43.0	-0.1	-0.2%
75.3%	43.0	43.0	0.0	0.0%
76.5%	43.0	42.9	-0.1	-0.2%
77.8%	42.9	42.8	-0.1	-0.2%
79.0%	42.9	42.8	-0.1	-0.2%
80.2%	42.8	42.7	-0.1	-0.2%
81.5%	42.7	42.6	-0.1	-0.2%
82.7%	42.6	42.5	-0.1	-0.2%
84.0%	42.5	42.5	0.0	0.0%
85.2%	42.5	42.5	0.0	0.0%
86.4%	42.5	42.4	-0.1	-0.2%
87.7%	42.5	42.4	-0.1	-0.2%
88.9%	42.4	42.4	0.0	0.0%
90.1%	42.4	42.3	-0.1	-0.2%
91.4%	41.9	41.9	0.0	0.0%
92.6%	41.6	41.7	0.1	0.2%
93.8%	41.6	41.6	0.0	0.0%
95.1%	41.2	41.2	0.0	0.0%
96.3%	40.6	40.0	-0.6	-1.5%
97.5%	39.4	39.7	0.3	0.8%
98.8%	38.8	38.7	-0.1	-0.3%
100.0%	38.8	38.7	-0.1	-0.3%

December				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	44.1	44.1	0.0	0.0%
1.2%	44.1	44.1	0.0	0.0%
2.5%	43.8	43.4	-0.4	-0.9%
3.7%	43.4	42.9	-0.5	-1.2%
4.9%	42.9	42.4	-0.5	-1.2%
6.2%	42.3	42.2	-0.1	-0.2%
7.4%	42.1	42.1	0.0	0.0%
8.6%	42.1	42.1	0.0	0.0%
9.9%	42.0	42.0	0.0	0.0%
11.1%	41.9	41.8	-0.1	-0.2%
12.3%	41.8	41.8	0.0	0.0%
13.6%	41.7	41.7	0.0	0.0%
14.8%	41.7	41.6	-0.1	-0.2%
16.0%	41.5	41.5	0.0	0.0%
17.3%	41.5	41.5	0.0	0.0%
18.5%	41.4	41.4	0.0	0.0%
19.8%	41.3	41.2	-0.1	-0.2%
21.0%	41.2	41.2	0.0	0.0%
22.2%	41.2	41.2	0.0	0.0%
23.5%	41.2	41.2	0.0	0.0%
24.7%	41.2	41.2	0.0	0.0%
25.9%	41.1	41.2	0.1	0.2%
27.2%	41.1	41.1	0.0	0.0%
28.4%	41.0	41.0	0.0	0.0%
29.6%	40.9	40.9	0.0	0.0%
30.9%	40.8	40.8	0.0	0.0%
32.1%	40.8	40.8	0.0	0.0%
33.3%	40.8	40.7	-0.1	-0.2%
34.6%	40.7	40.7	0.0	0.0%
35.8%	40.7	40.7	0.0	0.0%
37.0%	40.7	40.6	-0.1	-0.2%
38.3%	40.4	40.6	0.2	0.5%
39.5%	40.4	40.5	0.1	0.2%
40.7%	40.4	40.4	0.0	0.0%
42.0%	40.4	40.2	-0.2	-0.5%
43.2%	40.3	40.2	-0.1	-0.2%
44.4%	40.2	40.1	-0.1	-0.2%
45.7%	40.2	40.1	-0.1	-0.2%
46.9%	40.2	40.1	-0.1	-0.2%
48.1%	40.1	40.0	-0.1	-0.2%
49.4%	39.9	39.9	0.0	0.0%
50.6%	39.8	39.8	0.0	0.0%
51.9%	39.8	39.8	0.0	0.0%
53.1%	39.7	39.6	-0.1	-0.3%
54.3%	39.6	39.6	0.0	0.0%
55.6%	39.6	39.6	0.0	0.0%
56.8%	39.4	39.5	0.1	0.3%
58.0%	39.3	39.4	0.1	0.3%
59.3%	39.2	39.4	0.2	0.5%
60.5%	39.1	39.2	0.1	0.3%
61.7%	39.1	39.2	0.1	0.3%
63.0%	39.1	39.1	0.0	0.0%
64.2%	39.0	39.0	0.0	0.0%
65.4%	39.0	39.0	0.0	0.0%
66.7%	38.9	39.0	0.1	0.3%
67.9%	38.9	39.0	0.1	0.3%
69.1%	38.8	38.9	0.1	0.3%
70.4%	38.5	38.6	0.1	0.3%
71.6%	38.4	38.5	0.1	0.3%
72.8%	38.4	38.5	0.1	0.3%
74.1%	38.3	38.4	0.1	0.3%
75.3%	38.1	38.3	0.2	0.5%
76.5%	38.0	38.1	0.1	0.3%
77.8%	38.0	38.1	0.1	0.3%
79.0%	38.0	38.0	0.0	0.0%
80.2%	38.0	38.0	0.0	0.0%
81.5%	37.9	37.8	-0.1	-0.3%
82.7%	37.8	37.8	0.0	0.0%
84.0%	37.8	37.8	0.0	0.0%
85.2%	37.8	37.8	0.0	0.0%
86.4%	37.6	37.7	0.1	0.3%
87.7%	37.6	37.7	0.1	0.3%
88.9%	37.3	37.6	0.3	0.8%
90.1%	37.2	37.6	0.4	1.1%
91.4%	37.2	37.2	0.0	0.0%
92.6%	37.1	37.1	0.0	0.0%
93.8%	36.9	37.0	0.1	0.3%
95.1%	36.5	36.5	0.0	0.0%
96.3%	36.0	36.0	0.0	0.0%
97.5%	35.1	35.2	0.1	0.3%
98.8%	34.1	34.1	0.0	0.0%
100.0%	34.1	34.1	0.0	0.0%

January				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	42.8	42.8	0.0	0.0%
1.2%	42.2	42.2	0.0	0.0%
2.5%	41.5	41.5	0.0	0.0%
3.7%	41.3	41.3	0.0	0.0%
4.9%	41.1	41.1	0.0	0.0%
6.2%	41.1	41.1	0.0	0.0%
7.4%	40.6	40.6	0.0	0.0%
8.6%	40.3	40.2	-0.1	-0.2%
9.9%	40.3	40.2	-0.1	-0.2%
11.1%	40.2	40.2	0.0	0.0%
12.3%	40.1	40.1	0.0	0.0%
13.6%	40.0	39.9	-0.1	-0.2%
14.8%	40.0	39.9	-0.1	-0.2%
16.0%	39.9	39.8	-0.1	-0.3%
17.3%	39.9	39.8	-0.1	-0.3%
18.5%	39.8	39.8	0.0	0.0%
19.8%	39.7	39.7	0.0	0.0%
21.0%	39.7	39.7	0.0	0.0%
22.2%	39.7	39.6	-0.1	-0.3%
23.5%	39.6	39.6	0.0	0.0%
24.7%	39.5	39.5	0.0	0.0%
25.9%	39.5	39.5	0.0	0.0%
27.2%	39.5	39.5	0.0	0.0%
28.4%	39.5	39.5	0.0	0.0%
29.6%	39.3	39.4	0.1	0.3%
30.9%	39.3	39.4	0.1	0.3%
32.1%	39.2	39.3	0.1	0.3%
33.3%	39.2	39.2	0.0	0.0%
34.6%	39.2	39.2	0.0	0.0%
35.8%	39.2	39.2	0.0	0.0%
37.0%	39.1	39.1	0.0	0.0%
38.3%	39.0	39.1	0.1	0.3%
39.5%	39.0	39.0	0.0	0.0%
40.7%	39.0	39.0	0.0	0.0%
42.0%	38.9	39.0	0.1	0.3%
43.2%	38.9	38.8	-0.1	-0.3%
44.4%	38.8	38.8	0.0	0.0%
45.7%	38.7	38.8	0.1	0.3%
46.9%	38.7	38.8	0.1	0.3%
48.1%	38.7	38.8	0.1	0.3%
49.4%	38.7	38.7	0.0	0.0%
50.6%	38.7	38.7	0.0	0.0%
51.9%	38.6	38.7	0.1	0.3%
53.1%	38.6	38.6	0.0	0.0%
54.3%	38.6	38.6	0.0	0.0%
55.6%	38.6	38.6	0.0	0.0%
56.8%	38.6	38.6	0.0	0.0%
58.0%	38.4	38.4	0.0	0.0%
59.3%	38.4	38.4	0.0	0.0%
60.5%	38.2	38.4	0.2	0.5%
61.7%	38.2	38.4	0.2	0.5%
63.0%	38.1	38.3	0.2	0.5%
64.2%	38.0	38.2	0.2	0.5%
65.4%	38.0	38.2	0.2	0.5%
66.7%	38.0	38.2	0.2	0.5%
67.9%	37.9	38.1	0.2	0.5%
69.1%	37.8	38.0	0.2	0.5%
70.4%	37.8	37.9	0.1	0.3%
71.6%	37.8	37.8	0.0	0.0%
72.8%	37.6	37.8	0.2	0.5%
74.1%	37.6	37.7	0.1	0.3%
75.3%	37.6	37.6	0.0	0.0%
76.5%	37.6	37.6	0.0	0.0%
77.8%	37.4	37.6	0.2	0.5%
79.0%	37.4	37.6	0.2	0.5%
80.2%	37.4	37.4	0.0	0.0%
81.5%	37.3	37.3	0.0	0.0%
82.7%	37.3	37.3	0.0	0.0%
84.0%	37.3	37.3	0.0	0.0%
85.2%	37.1	37.1	0.0	0.0%
86.4%	36.9	36.9	0.0	0.0%
87.7%	36.9	36.9	0.0	0.0%
88.9%	36.9	36.9	0.0	0.0%
90.1%	36.8	36.8	0.0	0.0%
91.4%	36.7	36.7	0.0	0.0%
92.6%	36.6	36.6	0.0	0.0%
93.8%	36.1	36.1	0.0	0.0%
95.1%	34.9	34.9	0.0	0.0%
96.3%	34.4	34.4	0.0	0.0%
97.5%	34.2	34.2	0.0	0.0%
98.8%	29.0	29.0	0.0	0.0%
100.0%	29.0	29.0	0.0	0.0%

Table SQ-35-5b

Trinity River at North Fork, Monthly Temperature

Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	46.6	46.6	0.0	0.0%
1.2%	45.7	45.7	0.0	0.0%
2.5%	44.9	44.7	-0.2	-0.4%
3.7%	44.9	44.7	-0.2	-0.4%
4.9%	44.6	44.6	0.0	0.0%
6.2%	44.6	44.6	0.0	0.0%
7.4%	44.5	44.6	0.1	0.2%
8.6%	44.3	44.4	0.1	0.2%
9.9%	44.3	44.3	0.0	0.0%
11.1%	44.2	44.2	0.0	0.0%
12.3%	44.2	44.2	0.0	0.0%
13.6%	44.2	44.2	0.0	0.0%
14.8%	44.1	44.1	0.0	0.0%
16.0%	44.0	44.0	0.0	0.0%
17.3%	44.0	44.0	0.0	0.0%
18.5%	44.0	44.0	0.0	0.0%
19.8%	44.0	44.0	0.0	0.0%
21.0%	44.0	44.0	0.0	0.0%
22.2%	44.0	44.0	0.0	0.0%
23.5%	43.9	43.9	0.0	0.0%
24.7%	43.9	43.9	0.0	0.0%
25.9%	43.8	43.8	0.0	0.0%
27.2%	43.8	43.8	0.0	0.0%
28.4%	43.7	43.7	0.0	0.0%
29.6%	43.6	43.6	0.0	0.0%
30.9%	43.6	43.6	0.0	0.0%
32.1%	43.5	43.5	0.0	0.0%
33.3%	43.5	43.5	0.0	0.0%
34.6%	43.5	43.5	0.0	0.0%
35.8%	43.5	43.5	0.0	0.0%
37.0%	43.4	43.4	0.0	0.0%
38.3%	43.4	43.4	0.0	0.0%
39.5%	43.4	43.4	0.0	0.0%
40.7%	43.4	43.4	0.0	0.0%
42.0%	43.4	43.4	0.0	0.0%
43.2%	43.3	43.3	0.0	0.0%
44.4%	43.3	43.3	0.0	0.0%
45.7%	43.3	43.3	0.0	0.0%
46.9%	43.2	43.2	0.0	0.0%
48.1%	43.2	43.2	0.0	0.0%
49.4%	43.2	43.2	0.0	0.0%
50.6%	43.2	43.2	0.0	0.0%
51.9%	43.2	43.2	0.0	0.0%
53.1%	43.1	43.1	0.0	0.0%
54.3%	43.1	43.1	0.0	0.0%
55.6%	43.0	43.0	0.0	0.0%
56.8%	43.0	43.0	0.0	0.0%
58.0%	43.0	43.0	0.0	0.0%
59.3%	42.9	42.9	0.0	0.0%
60.5%	42.9	42.9	0.0	0.0%
61.7%	42.8	42.8	0.0	0.0%
63.0%	42.7	42.7	0.0	0.0%
64.2%	42.6	42.7	0.1	0.2%
65.4%	42.6	42.6	0.0	0.0%
66.7%	42.6	42.6	0.0	0.0%
67.9%	42.5	42.6	0.1	0.2%
69.1%	42.5	42.5	0.0	0.0%
70.4%	42.5	42.5	0.0	0.0%
71.6%	42.4	42.5	0.1	0.2%
72.8%	42.4	42.4	0.0	0.0%
74.1%	42.4	42.4	0.0	0.0%
75.3%	42.4	42.4	0.0	0.0%
76.5%	42.2	42.2	0.0	0.0%
77.8%	42.2	42.2	0.0	0.0%
79.0%	42.2	42.2	0.0	0.0%
80.2%	42.0	42.0	0.0	0.0%
81.5%	42.0	42.0	0.0	0.0%
82.7%	42.0	41.9	-0.1	-0.2%
84.0%	41.9	41.9	0.0	0.0%
85.2%	41.9	41.8	-0.1	-0.2%
86.4%	41.8	41.8	0.0	0.0%
87.7%	41.6	41.6	0.0	0.0%
88.9%	41.2	41.2	0.0	0.0%
90.1%	41.2	41.2	0.0	0.0%
91.4%	41.1	41.1	0.0	0.0%
92.6%	41.0	41.1	0.1	0.2%
93.8%	40.9	41.0	0.1	0.2%
95.1%	40.8	40.8	0.0	0.0%
96.3%	40.1	40.1	0.0	0.0%
97.5%	40.0	40.0	0.0	0.0%
98.8%	39.4	39.4	0.0	0.0%
100.0%	39.4	39.4	0.0	0.0%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.7	50.8	0.1	0.2%
1.2%	49.9	50.1	0.2	0.4%
2.5%	48.8	48.8	0.0	0.0%
3.7%	48.6	48.6	0.0	0.0%
4.9%	48.6	48.6	0.0	0.0%
6.2%	48.3	48.3	0.0	0.0%
7.4%	48.3	48.3	0.0	0.0%
8.6%	48.2	48.2	0.0	0.0%
9.9%	48.1	48.1	0.0	0.0%
11.1%	48.0	48.0	0.0	0.0%
12.3%	47.9	47.9	0.0	0.0%
13.6%	47.9	47.8	-0.1	-0.2%
14.8%	47.7	47.7	0.0	0.0%
16.0%	47.7	47.7	0.0	0.0%
17.3%	47.6	47.6	0.0	0.0%
18.5%	47.6	47.6	0.0	0.0%
19.8%	47.6	47.6	0.0	0.0%
21.0%	47.6	47.5	-0.1	-0.2%
22.2%	47.5	47.5	0.0	0.0%
23.5%	47.5	47.5	0.0	0.0%
24.7%	47.5	47.4	-0.1	-0.2%
25.9%	47.4	47.4	0.0	0.0%
27.2%	47.4	47.3	-0.1	-0.2%
28.4%	47.3	47.3	0.0	0.0%
29.6%	47.3	47.2	-0.1	-0.2%
30.9%	47.2	47.2	0.0	0.0%
32.1%	47.1	47.0	-0.1	-0.2%
33.3%	47.0	47.0	0.0	0.0%
34.6%	47.0	47.0	0.0	0.0%
35.8%	47.0	47.0	0.0	0.0%
37.0%	46.9	46.9	0.0	0.0%
38.3%	46.9	46.9	0.0	0.0%
39.5%	46.9	46.9	0.0	0.0%
40.7%	46.9	46.9	0.0	0.0%
42.0%	46.7	46.7	0.0	0.0%
43.2%	46.7	46.7	0.0	0.0%
44.4%	46.7	46.7	0.0	0.0%
45.7%	46.7	46.7	0.0	0.0%
46.9%	46.7	46.7	0.0	0.0%
48.1%	46.5	46.5	0.0	0.0%
49.4%	46.5	46.5	0.0	0.0%
50.6%	46.5	46.5	0.0	0.0%
51.9%	46.5	46.4	-0.1	-0.2%
53.1%	46.4	46.4	0.0	0.0%
54.3%	46.4	46.4	0.0	0.0%
55.6%	46.3	46.3	0.0	0.0%
56.8%	46.3	46.3	0.0	0.0%
58.0%	46.3	46.3	0.0	0.0%
59.3%	46.3	46.3	0.0	0.0%
60.5%	46.2	46.2	0.0	0.0%
61.7%	46.2	46.2	0.0	0.0%
63.0%	46.1	46.1	0.0	0.0%
64.2%	46.1	46.1	0.0	0.0%
65.4%	46.1	46.1	0.0	0.0%
66.7%	46.1	46.1	0.0	0.0%
67.9%	46.1	45.9	-0.2	-0.4%
69.1%	45.8	45.8	0.0	0.0%
70.4%	45.7	45.7	0.0	0.0%
71.6%	45.7	45.7	0.0	0.0%
72.8%	45.7	45.7	0.0	0.0%
74.1%	45.6	45.6	0.0	0.0%
75.3%	45.6	45.6	0.0	0.0%
76.5%	45.6	45.6	0.0	0.0%
77.8%	45.5	45.5	0.0	0.0%
79.0%	45.5	45.4	-0.1	-0.2%
80.2%	45.5	45.4	-0.1	-0.2%
81.5%	45.4	45.3	-0.1	-0.2%
82.7%	45.3	45.3	0.0	0.0%
84.0%	45.3	45.3	0.0	0.0%
85.2%	45.2	45.2	0.0	0.0%
86.4%	45.2	45.1	-0.1	-0.2%
87.7%	45.1	45.1	0.0	0.0%
88.9%	45.1	45.0	-0.1	-0.2%
90.1%	44.9	44.9	0.0	0.0%
91.4%	44.7	44.7	0.0	0.0%
92.6%	44.6	44.6	0.0	0.0%
93.8%	44.6	44.6	0.0	0.0%
95.1%	44.6	44.6	0.0	0.0%
96.3%	44.4	44.4	0.0	0.0%
97.5%	44.2	44.2	0.0	0.0%
98.8%	43.8	43.8	0.0	0.0%
100.0%	43.8	43.8	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.7	56.4	-0.3	-0.5%
1.2%	56.3	56.3	0.0	0.0%
2.5%	56.3	56.1	-0.2	-0.4%
3.7%	55.9	55.8	-0.1	-0.2%
4.9%	55.7	55.7	0.0	0.0%
6.2%	55.7	55.7	0.0	0.0%
7.4%	55.7	55.7	0.0	0.0%
8.6%	55.6	55.6	0.0	0.0%
9.9%	55.5	55.5	0.0	0.0%
11.1%	55.4	55.5	0.1	0.2%
12.3%	55.4	55.4	0.0	0.0%
13.6%	55.3	55.3	0.0	0.0%
14.8%	55.2	55.2	0.0	0.0%
16.0%	55.1	55.1	0.0	0.0%
17.3%	55.1	55.1	0.0	0.0%
18.5%	55.0	54.9	-0.1	-0.2%
19.8%	54.8	54.7	-0.1	-0.2%
21.0%	54.7	54.7	0.0	0.0%
22.2%	54.7	54.7	0.0	0.0%
23.5%	54.6	54.6	0.0	0.0%
24.7%	54.4	54.5	0.1	0.2%
25.9%	54.4	54.4	0.0	0.0%
27.2%	54.3	54.3	0.0	0.0%
28.4%	54.3	54.3	0.0	0.0%
29.6%	54.2	54.2	0.0	0.0%
30.9%	54.2	54.2	0.0	0.0%
32.1%	54.2	54.2	0.0	0.0%
33.3%	54.0	54.1	0.1	0.2%
34.6%	54.0	54.0	0.0	0.0%
35.8%	53.9	54.0	0.1	0.2%
37.0%	53.9	53.9	0.0	0.0%
38.3%	53.7	53.7	0.0	0.0%
39.5%	53.7	53.7	0.0	0.0%
40.7%	53.7	53.7	0.0	0.0%
42.0%	53.7	53.6	-0.1	-0.2%
43.2%	53.6	53.6	0.0	0.0%
44.4%	53.6	53.6	0.0	0.0%
45.7%	53.6	53.5	-0.1	-0.2%
46.9%	53.5	53.5	0.0	0.0%
48.1%	53.5	53.5	0.0	0.0%
49.4%	53.5	53.4	-0.1	-0.2%
50.6%	53.5	53.4	-0.1	-0.2%
51.9%	53.4	53.4	0.0	0.0%
53.1%	53.4	53.4	0.0	0.0%
54.3%	53.3	53.3	0.0	0.0%
55.6%	53.2	53.2	0.0	0.0%
56.8%	53.1	53.2	0.1	0.2%
58.0%	53.0	53.1	0.1	0.2%
59.3%	53.0	53.1	0.1	0.2%
60.5%	53.0	53.1	0.1	0.2%
61.7%	53.0	53.0	0.0	0.0%
63.0%	53.0	53.0	0.0	0.0%
64.2%	52.9	53.0	0.1	0.2%
65.4%	52.8	53.0	0.2	0.4%
66.7%	52.8	52.9	0.1	0.2%
67.9%	52.8	52.8	0.0	0.0%
69.1%	52.8	52.8	0.0	0.0%
70.4%	52.8	52.8	0.0	0.0%
71.6%	52.8	52.8	0.0	0.0%
72.8%	52.7	52.7	0.0	0.0%
74.1%	52.7	52.7	0.0	0.0%
75.3%	52.7	52.7	0.0	0.0%
76.5%	52.6	52.6	0.0	0.0%
77.8%	52.5	52.4	-0.1	-0.2%
79.0%	52.4	52.4	0.0	0.0%
80.2%	52.4	52.3	-0.1	-0.2%
81.5%	52.3	52.2	-0.1	-0.2%
82.7%	52.3	52.1	-0.2	-0.4%
84.0%	52.2	51.9	-0.3	-0.6%
85.2%	51.9	51.8	-0.1	-0.2%
86.4%	51.9	51.7	-0.2	-0.4%
87.7%	51.8	51.7	-0.1	-0.2%
88.9%	51.8	51.7	-0.1	-0.2%
90.1%	51.7	51.4	-0.3	-0.6%
91.4%	51.3	51.3	0.0	0.0%
92.6%	51.2	51.2	0.0	0.0%
93.8%	51.0	51.0	0.0	0.0%
95.1%	50.8	50.8	0.0	0.0%
96.3%	50.7	50.7	0.0	0.0%
97.5%	50.3	50.3	0.0	0.0%
98.8%	49.5	49.5	0.0	0.0%
100.0%	49.5	49.5	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.0	59.0	0.0	0.0%
1.2%	58.6	58.6	0.0	0.0%
2.5%	56.0	56.1	0.1	0.2%
3.7%	55.4	55.3	-0.1	-0.2%
4.9%	55.1	55.1	0.0	0.0%
6.2%	55.0	55.1	0.1	0.2%
7.4%	54.6	55.0	0.4	0.7%
8.6%	54.3	54.6	0.3	0.6%
9.9%	54.1	54.0	-0.1	-0.2%
11.1%	53.9	53.9	0.0	0.0%
12.3%	53.7	53.8	0.1	0.2%
13.6%	53.3	53.3	0.0	0.0%
14.8%	53.0	53.0	0.0	0.0%
16.0%	52.9	52.6	-0.3	-0.6%
17.3%	52.6	52.6	0.0	0.0%
18.5%	52.6	52.5	-0.1	-0.2%
19.8%	52.6	52.5	-0.1	-0.2%
21.0%	52.4	52.4	0.0	0.0%
22.2%	52.4	52.2	-0.2	-0.4%
23.5%	52.2	52.1	-0.1	-0.2%
24.7%	52.0	52.0	0.0	0.0%
25.9%	52.0	52.0	0.0	0.0%
27.2%	51.9	51.9	0.0	0.0%
28.4%	51.9	51.9	0.0	0.0%
29.6%	51.9	51.9	0.0	0.0%
30.9%	51.7	51.7	0.0	0.0%
32.1%	51.5	51.5	0.0	0.0%
33.3%	51.5	51.5	0.0	0.0%
34.6%	51.5	51.4	-0.1	-0.2%
35.8%	51.4	51.4	0.0	0.0%
37.0%	51.3	51.3	0.0	0.0%
38.3%	51.1	51.1	0.0	0.0%
39.5%	51.1	51.1	0.0	0.0%
40.7%	51.1	51.1	0.0	0.0%
42.0%	51.1	51.0	-0.1	-0.2%
43.2%	51.0	51.0	0.0	0.0%
44.4%	51.0	50.9	-0.1	-0.2%
45.7%	50.9	50.9	0.0	0.0%
46.9%	50.8	50.9	0.1	0.2%
48.1%	50.8	50.9	0.1	0.2%
49.4%	50.8	50.7	-0.1	-0.2%
50.6%	50.7	50.7	0.0	0.0%
51.9%	50.7	50.7	0.0	0.0%
53.1%	50.7	50.6	-0.1	-0.2%
54.3%	50.6	50.6	0.0	0.0%
55.6%	50.5	50.5	0.0	0.0%
56.8%	50.5	50.5	0.0	0.0%
58.0%	50.4	50.3	-0.1	-0.2%
59.3%	50.3	50.3	0.0	0.0%
60.5%	50.3	50.2	-0.1	-0.2%
61.7%	50.2	50.2	0.0	0.0%
63.0%	50.1	50.2	0.1	0.2%
64.2%	50.1	50.1	0.0	0.0%
65.4%	50.0	50.1	0.1	0.2%
66.7%	50.0	50.0	0.0	0.0%
67.9%	49.9	49.9	0.0	0.0%
69.1%	49.8	49.8	0.0	0.0%
70.4%	49.7	49.7	0.0	0.0%
71.6%	49.7	49.7	0.0	0.0%
72.8%	49.7	49.7	0.0	0.0%
74.1%	49.7	49.6	-0.1	-0.2%
75.3%	49.6	49.6	0.0	0.0%
76.5%	49.5	49.6	0.1	0.2%
77.8%	49.4	49.5	0.1	0.2%
79.0%	49.4	49.5	0.1	0.2%
80.2%	49.4	49.4	0.0	0.0%
81.5%	49.4	49.4	0.0	0.0%
82.7%	49.3	49.3	0.0	0.0%
84.0%	49.2	49.2	0.0	0.0%
85.2%	49.2	49.2	0.0	0.0%
86.4%	49.1	49.2	0.1	0.2%
87.7%	49.1	49.1	0.0	0.0%
88.9%	49.1	49.1	0.0	0.0%
90.1%	49.1	49.1	0.0	0.0%
91.4%	49.1	49.1	0.0	0.0%
92.6%	49.1	49.0	-0.1	-0.2%
93.8%	49.0	48.8	-0.2	-0.4%
95.1%	48.8	48.4	-0.4	-0.8%
96.3%	48.4	48.2	-0.2	-0.4%
97.5%	48.1	48.1	0.0	0.0%
98.8%	48.1	48.1	0.0	0.0%
100.0%	48.1	48.1	0.0	0.0%

Table SQ-35-5b

Trinity River at North Fork, Monthly Temperature
Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.7	67.7	0.0	0.0%
1.2%	66.4	66.4	0.0	0.0%
2.5%	65.8	65.7	-0.1	-0.2%
3.7%	65.7	65.3	-0.4	-0.6%
4.9%	65.2	65.2	0.0	0.0%
6.2%	64.4	64.4	0.0	0.0%
7.4%	64.4	64.4	0.0	0.0%
8.6%	64.2	64.3	0.1	0.2%
9.9%	64.0	64.2	0.2	0.3%
11.1%	63.6	64.0	0.4	0.6%
12.3%	63.4	63.9	0.5	0.8%
13.6%	63.4	63.6	0.2	0.3%
14.8%	63.4	63.4	0.0	0.0%
16.0%	63.2	63.4	0.2	0.3%
17.3%	63.1	63.4	0.3	0.5%
18.5%	63.1	63.1	0.0	0.0%
19.8%	62.4	62.6	0.2	0.3%
21.0%	62.3	62.4	0.1	0.2%
22.2%	62.2	62.3	0.1	0.2%
23.5%	62.1	62.0	-0.1	-0.2%
24.7%	62.0	61.7	-0.3	-0.5%
25.9%	62.0	61.7	-0.3	-0.5%
27.2%	61.7	61.6	-0.1	-0.2%
28.4%	61.7	61.5	-0.2	-0.3%
29.6%	61.6	61.4	-0.2	-0.3%
30.9%	61.4	61.3	-0.1	-0.2%
32.1%	61.3	61.2	-0.1	-0.2%
33.3%	61.1	61.0	-0.1	-0.2%
34.6%	61.0	61.0	0.0	0.0%
35.8%	60.4	60.4	0.0	0.0%
37.0%	60.4	60.4	0.0	0.0%
38.3%	59.5	59.7	0.2	0.3%
39.5%	59.5	59.5	0.0	0.0%
40.7%	59.5	59.5	0.0	0.0%
42.0%	59.1	59.4	0.3	0.5%
43.2%	58.9	59.1	0.2	0.3%
44.4%	58.6	58.9	0.3	0.5%
45.7%	58.6	58.6	0.0	0.0%
46.9%	58.6	58.6	0.0	0.0%
48.1%	58.5	58.5	0.0	0.0%
49.4%	58.4	58.5	0.1	0.2%
50.6%	58.4	58.4	0.0	0.0%
51.9%	58.2	58.2	0.0	0.0%
53.1%	58.2	58.0	-0.2	-0.3%
54.3%	58.0	57.9	-0.1	-0.2%
55.6%	57.8	57.8	0.0	0.0%
56.8%	57.8	57.7	-0.1	-0.2%
58.0%	57.8	57.7	-0.1	-0.2%
59.3%	57.7	57.7	0.0	0.0%
60.5%	57.7	57.7	0.0	0.0%
61.7%	57.7	57.7	0.0	0.0%
63.0%	57.6	57.6	0.0	0.0%
64.2%	57.6	57.6	0.0	0.0%
65.4%	57.2	57.2	0.0	0.0%
66.7%	57.2	57.1	-0.1	-0.2%
67.9%	57.1	57.0	-0.1	-0.2%
69.1%	57.0	57.0	0.0	0.0%
70.4%	57.0	56.9	-0.1	-0.2%
71.6%	56.9	56.8	-0.1	-0.2%
72.8%	56.8	56.8	0.0	0.0%
74.1%	56.8	56.8	0.0	0.0%
75.3%	56.7	56.7	0.0	0.0%
76.5%	56.6	56.6	0.0	0.0%
77.8%	56.6	56.6	0.0	0.0%
79.0%	56.0	56.1	0.1	0.2%
80.2%	55.7	56.0	0.3	0.5%
81.5%	55.5	55.5	0.0	0.0%
82.7%	55.3	55.3	0.0	0.0%
84.0%	54.8	54.9	0.1	0.2%
85.2%	54.2	54.6	0.4	0.7%
86.4%	53.7	53.7	0.0	0.0%
87.7%	53.6	53.6	0.0	0.0%
88.9%	53.3	53.2	-0.1	-0.2%
90.1%	53.2	53.0	-0.2	-0.4%
91.4%	53.0	53.0	0.0	0.0%
92.6%	52.9	52.9	0.0	0.0%
93.8%	52.1	52.1	0.0	0.0%
95.1%	52.0	52.0	0.0	0.0%
96.3%	51.7	51.7	0.0	0.0%
97.5%	50.6	50.6	0.0	0.0%
98.8%	50.5	50.5	0.0	0.0%
100.0%	50.5	50.5	0.0	0.0%

July				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	71.0	71.0	0.0	0.0%
1.2%	69.9	69.9	0.0	0.0%
2.5%	69.0	69.1	0.1	0.1%
3.7%	68.8	68.9	0.1	0.1%
4.9%	68.7	68.7	0.0	0.0%
6.2%	68.7	68.7	0.0	0.0%
7.4%	68.7	68.4	-0.3	-0.4%
8.6%	68.5	68.3	-0.2	-0.3%
9.9%	68.1	67.8	-0.3	-0.4%
11.1%	68.0	67.7	-0.3	-0.4%
12.3%	67.9	67.7	-0.2	-0.3%
13.6%	67.4	67.4	0.0	0.0%
14.8%	67.4	67.4	0.0	0.0%
16.0%	67.3	67.3	0.0	0.0%
17.3%	67.3	67.2	-0.1	-0.1%
18.5%	67.2	67.1	-0.1	-0.1%
19.8%	67.0	67.0	0.0	0.0%
21.0%	66.9	66.9	0.0	0.0%
22.2%	66.9	66.9	0.0	0.0%
23.5%	66.7	66.9	0.2	0.3%
24.7%	66.6	66.8	0.2	0.3%
25.9%	66.6	66.6	0.0	0.0%
27.2%	66.5	66.5	0.0	0.0%
28.4%	66.4	66.5	0.1	0.2%
29.6%	66.2	66.3	0.1	0.2%
30.9%	65.8	66.0	0.2	0.3%
32.1%	65.8	65.9	0.1	0.2%
33.3%	65.7	65.7	0.0	0.0%
34.6%	65.6	65.6	0.0	0.0%
35.8%	65.5	65.3	-0.2	-0.3%
37.0%	65.5	65.2	-0.3	-0.5%
38.3%	65.3	65.2	-0.1	-0.2%
39.5%	65.2	65.1	-0.1	-0.2%
40.7%	65.1	65.1	0.0	0.0%
42.0%	65.1	65.1	0.0	0.0%
43.2%	65.1	65.0	-0.1	-0.2%
44.4%	65.0	64.8	-0.2	-0.3%
45.7%	64.8	64.8	0.0	0.0%
46.9%	64.6	64.5	-0.1	-0.2%
48.1%	64.4	64.3	-0.1	-0.2%
49.4%	64.3	64.1	-0.2	-0.3%
50.6%	64.2	64.1	-0.1	-0.2%
51.9%	64.1	64.1	0.0	0.0%
53.1%	64.0	64.0	0.0	0.0%
54.3%	64.0	64.0	0.0	0.0%
55.6%	64.0	64.0	0.0	0.0%
56.8%	63.8	63.8	0.0	0.0%
58.0%	63.8	63.8	0.0	0.0%
59.3%	63.8	63.8	0.0	0.0%
60.5%	63.8	63.8	0.0	0.0%
61.7%	63.7	63.7	0.0	0.0%
63.0%	63.6	63.6	0.0	0.0%
64.2%	63.6	63.4	-0.2	-0.3%
65.4%	63.4	63.4	0.0	0.0%
66.7%	63.4	63.3	-0.1	-0.2%
67.9%	63.3	63.3	0.0	0.0%
69.1%	63.3	63.3	0.0	0.0%
70.4%	63.2	63.2	0.0	0.0%
71.6%	63.2	63.2	0.0	0.0%
72.8%	63.0	63.0	0.0	0.0%
74.1%	63.0	63.0	0.0	0.0%
75.3%	62.9	62.9	0.0	0.0%
76.5%	62.8	62.8	0.0	0.0%
77.8%	62.8	62.8	0.0	0.0%
79.0%	62.3	62.8	0.5	0.8%
80.2%	62.3	62.3	0.0	0.0%
81.5%	62.2	62.2	0.0	0.0%
82.7%	61.9	61.9	0.0	0.0%
84.0%	61.8	61.7	-0.1	-0.2%
85.2%	61.7	61.7	0.0	0.0%
86.4%	61.4	61.4	0.0	0.0%
87.7%	61.2	61.0	-0.2	-0.3%
88.9%	61.0	61.0	0.0	0.0%
90.1%	61.0	60.9	-0.1	-0.2%
91.4%	60.9	60.8	-0.1	-0.2%
92.6%	60.8	60.8	0.0	0.0%
93.8%	60.4	60.4	0.0	0.0%
95.1%	60.3	60.3	0.0	0.0%
96.3%	59.7	59.7	0.0	0.0%
97.5%	56.6	56.6	0.0	0.0%
98.8%	54.1	54.1	0.0	0.0%
100.0%	54.1	54.1	0.0	0.0%

August				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	69.6	69.5	-0.1	-0.1%
1.2%	68.9	68.9	0.0	0.0%
2.5%	68.9	68.9	0.0	0.0%
3.7%	68.2	68.4	0.2	0.3%
4.9%	67.8	67.8	0.0	0.0%
6.2%	67.3	67.3	0.0	0.0%
7.4%	67.3	67.3	0.0	0.0%
8.6%	67.2	67.2	0.0	0.0%
9.9%	67.2	67.0	-0.2	-0.3%
11.1%	67.0	67.0	0.0	0.0%
12.3%	66.8	66.7	-0.1	-0.1%
13.6%	66.8	66.7	-0.1	-0.1%
14.8%	66.7	66.4	-0.3	-0.4%
16.0%	66.0	66.3	0.3	0.5%
17.3%	65.9	66.0	0.1	0.2%
18.5%	65.8	66.0	0.2	0.3%
19.8%	65.8	66.0	0.2	0.3%
21.0%	65.7	65.7	0.0	0.0%
22.2%	65.6	65.6	0.0	0.0%
23.5%	65.6	65.6	0.0	0.0%
24.7%	65.6	65.5	-0.1	-0.2%
25.9%	65.5	65.4	-0.1	-0.2%
27.2%	65.4	65.3	-0.1	-0.2%
28.4%	65.3	65.3	0.0	0.0%
29.6%	65.3	65.3	0.0	0.0%
30.9%	65.3	65.3	0.0	0.0%
32.1%	65.2	65.2	0.0	0.0%
33.3%	65.1	65.2	0.1	0.2%
34.6%	65.1	65.2	0.1	0.2%
35.8%	65.1	65.2	0.1	0.2%
37.0%	65.0	65.0	0.0	0.0%
38.3%	64.9	65.0	0.1	0.2%
39.5%	64.9	64.9	0.0	0.0%
40.7%	64.9	64.8	-0.1	-0.2%
42.0%	64.8	64.7	-0.1	-0.2%
43.2%	64.8	64.6	-0.2	-0.3%
44.4%	64.7	64.6	-0.1	-0.2%
45.7%	64.6	64.4	-0.2	-0.3%
46.9%	64.6	64.3	-0.3	-0.5%
48.1%	64.5	64.3	-0.2	-0.3%
49.4%	64.4	64.3	-0.1	-0.2%
50.6%	64.4	64.3	-0.1	-0.2%
51.9%	64.3	64.3	0.0	0.0%
53.1%	64.3	64.1	-0.2	-0.3%
54.3%	64.2	64.1	-0.1	-0.2%
55.6%	64.2	64.1	-0.1	-0.2%
56.8%	64.1	64.1	0.0	0.0%
58.0%	64.1	64.1	0.0	0.0%
59.3%	64.1	63.9	-0.2	-0.3%
60.5%	64.1	63.9	-0.2	-0.3%
61.7%	63.9	63.8	-0.1	-0.2%
63.0%	63.9	63.8	-0.1	-0.2%
64.2%	63.8	63.8	0.0	0.0%
65.4%	63.8	63.7	-0.1	-0.2%
66.7%	63.8	63.6	-0.2	-0.3%
67.9%	63.7	63.5	-0.2	-0.3%
69.1%	63.7	63.5	-0.2	-0.3%
70.4%	63.6	63.5	-0.1	-0.2%
71.6%	63.5	63.4	-0.1	-0.2%
72.8%	63.5	63.4	-0.1	-0.2%
74.1%	63.5	63.4	-0.1	-0.2%
75.3%	63.4	63.4	0.0	0.0%
76.5%	63.4	63.3	-0.1	-0.2%
77.8%	63.4	63.3	-0.1	-0.2%
79.0%	63.4	63.3	-0.1	-0.2%
80.2%	63.3	63.3	0.0	0.0%
81.5%	63.3	63.3	0.0	0.0%
82.7%	63.3	63.3	0.0	0.0%
84.0%	63.1	63.1	0.0	0.0%
85.2%	63.1	63.1	0.0	0.0%
86.4%	62.8	63.1	0.3	0.5%
87.7%	62.8	62.8	0.0	0.0%
88.9%	62.8	62.8	0.0	0.0%
90.1%	62.7	62.7	0.0	0.0%
91.4%	62.6	62.6	0.0	0.0%
92.6%	62.0	62.0	0.0	0.0%
93.8%	61.6	61.7	0.1	0.2%
95.1%	61.4	61.6	0.2	0.3%
96.3%	61.1	61.1	0.0	0.0%
97.5%	61.1	61.1	0.0	0.0%
98.8%	60.4	60.7	0.3	0.5%
100.0%	60.4	60.7	0.3	0.5%

September				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.1	72.7	6.6	10.0%
1.2%	65.2	65.8	0.6	0.9%
2.5%	63.3	62.6	-0.7	-1.1%
3.7%	62.6	62.3	-0.3	-0.5%
4.9%	62.1	61.9	-0.2	-0.3%
6.2%	61.8	61.7	-0.1	-0.2%
7.4%	61.7	60.9	-0.8	-1.3%
8.6%	61.5	60.9	-0.6	-1.0%
9.9%	60.8	60.8	0.0	0.0%
11.1%	60.8	60.8	0.0	0.0%
12.3%	60.6	60.5	-0.1	-0.2%
13.6%	60.5	60.4	-0.1	-0.2%
14.8%	60.5	60.3	-0.2	-0.3%
16.0%	60.5	60.1	-0.4	-0.7%
17.3%	60.4	60.0	-0.4	-0.7%
18.5%	60.2	60.0	-0.2	-0.3%
19.8%	60.1	60.0	-0.1	-0.2%
21.0%	60.1	60.0	-0.1	-0.2%
22.2%	60.1	59.9	-0.2	-0.3%
23.5%	60.0	59.8	-0.2	-0.3%
24.7%	60.0	59.8	-0.2	-0.3%
25.9%	60.0	59.7	-0.3	-0.5%
27.2%	59.9	59.7	-0.2	-0.3%
28.4%	59.8	59.6	-0.2	-0.3%
29.6%	59.8	59.6	-0.2	-0.3%
30.9%	59.7	59.5	-0.2	-0.3%
32.1%	59.7	59.5	-0.2	-0.3%
33.3%	59.6	59.5	-0.1	-0.2%
34.6%	59.6	59.4	-0.2	-0.3%
35.8%	59.5	59.4	-0.1	-0.2%
37.0%	59.5	59.3	-0.2	-0.3%
38.3%	59.5	59.3	-0.2	-0.3%
39.5%	59.5	59.3	-0.2	-0.3%
40.7%	59.4	59.3	-0.1	-0.2%
42.0%	59.4	59.2	-0.2	-0.3%
43.2%	59.3	59.2	-0.1	-0.2%
44.4%	59.2	59.2	0.0	0.0%
45.7%	59.2	59.2	0.0	0.0%
46.9%	59.2	59.1	-0.1	-0.2%
48.1%	59.1	59.1	0.0	0.0%
49.4%	59.1	59.0	-0.1	-0.2%
50.6%	59.0	59.0	0.0	0.0%
51.9%	58.9	58.9	0.0	0.0%
53.1%	58.9	58.8	-0.1	-0.2%
54.3%	58.9	58.8	-0.1	-0.2%
55.6%	58.8	58.8	0.0	0.0%
56.8%	58.8	58.7	-0.1	-0.2%
58.0%	58.8	58.7	-0.1	-0.2%
59.3%	58.7	58.7	0.0	0.0%
60.5%	58.6	58.6	0.0	0.0%
61.7%	58.6	58.5	-0.1	-0.2%
63.0%	58.4	58.4	0.0	0.0%
64.2%	58.3	58.3	0.0	0.0%
65.4%	58.3	58.3	0.0	0.0%
66.7%	58.3	58.2	-0.1	-0.2%
67.9%	58.2	58.2	0.0	0.0%
69.1%	58.1	58.2	0.1	0.2%
70.4%	58.0	58.1	0.1	0.2%
71.6%	58.0	58.1	0.1	0.2%
72.8%	58.0	58.0	0.0	0.0%
74.1%	57.9	57.9	0.0	0.0%
75.3%	57.8	57.9	0.1	0.2%
76.5%	57.7	57.8	0.1	0.2%
77.8%	57.7	57.8	0.1	0.2%
79.0%	57.7	57.6	-0.1	-0.2%
80.2%	57.6	57.6	0.0	0.0%
81.5%	57.6	57.5	-0.1	-0.2%
82.7%	57.6	57.5	-0.1	-0.2%
84.0%	57.5	57.4	-0.1	-0.2%
85.2%	57.5	57.3	-0.2	-0.3%
86.4%	57.4	57.3	-0.1	-0.2%
87.7%	57.3	57.2	-0.1	-0.2%
88.9%	57.3	57.2	-0.1	-0.2%
90.1%	57.3	57.1	-0.2	-0.3%
91.4%	57.1	57.1	0.0	0.0%
92.6%	56.7	56.7	0.0	0.0%
93.8%	56.6	56.3	-0.3	-0.5%
95.1%	56.4	56.2	-0.2	-0.4%
96.3%	56.3	56.1	-0.2	-0.4%
97.5%	54.9	55.0	0.1	0.2%
98.8%	54.3	54.2	-0.1	-0.2%
100.0%	54.3	54.2	-0.1	-0.2%

Table SQ-36-5a
Clear Creek below Whiskeytown, Monthly Temperature
Long-term Average and Average by Water Year Type

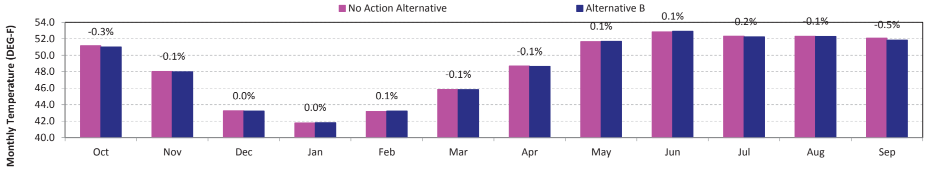
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	51.2	48.0	43.2	41.8	43.2	45.9	48.7	51.7	52.8	52.3	52.3	52.1
Alternative B	51.0	48.0	43.2	41.8	43.2	45.8	48.7	51.7	52.9	52.2	52.3	51.8
Difference	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	-0.1	0.0	-0.3
Percent Difference[3]	-0.3%	-0.1%	0.0%	0.0%	0.1%	-0.1%	-0.1%	0.1%	0.1%	-0.2%	-0.1%	-0.5%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	49.2	46.9	42.7	41.6	43.3	45.5	47.8	51.1	52.4	52.1	52.1	50.7
Alternative B	49.3	47.0	42.7	41.5	43.3	45.5	47.7	51.1	52.4	51.8	52.0	50.6
Difference	0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	-0.3	-0.1	0.0
Percent Difference	0.1%	0.1%	0.0%	-0.1%	0.0%	-0.1%	-0.1%	0.1%	0.1%	-0.7%	-0.2%	-0.1%
Above Normal (15%)												
No Action Alternative	50.8	47.7	43.3	42.0	43.3	45.9	48.2	52.3	53.8	52.6	52.4	51.4
Alternative B	50.4	47.6	43.3	41.9	43.3	45.8	48.3	52.2	53.8	52.6	52.3	51.2
Difference	-0.3	-0.1	0.0	0.0	0.0	0.0	0.1	-0.1	0.0	-0.1	-0.1	-0.2
Percent Difference	-0.6%	-0.3%	0.0%	-0.1%	0.0%	-0.1%	0.2%	-0.2%	0.0%	-0.1%	-0.2%	-0.4%
Below Normal (17%)												
No Action Alternative	51.7	48.1	43.3	41.6	42.6	45.6	48.8	52.3	52.7	52.5	52.5	52.4
Alternative B	51.5	48.2	43.3	41.6	42.6	45.5	48.8	52.3	53.0	52.6	52.6	52.3
Difference	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.1	0.1	0.0
Percent Difference	-0.3%	0.3%	0.0%	0.1%	0.1%	0.0%	0.0%	0.2%	0.7%	0.3%	0.3%	-0.1%
Dry (22%)												
No Action Alternative	51.3	48.7	43.6	41.9	43.1	46.0	49.9	51.8	52.8	52.0	51.7	52.0
Alternative B	51.2	48.7	43.5	41.9	43.2	45.9	49.7	51.9	52.9	51.9	51.7	51.8
Difference	-0.2	-0.1	-0.1	0.1	0.1	-0.1	-0.2	0.1	0.1	-0.2	0.0	-0.2
Percent Difference	-0.3%	-0.1%	-0.2%	0.1%	0.3%	-0.1%	-0.4%	0.2%	0.1%	-0.3%	0.1%	-0.4%
Critical (15%)												
No Action Alternative	55.0	49.6	43.8	42.1	43.7	46.7	49.3	51.3	53.0	52.8	53.6	55.8
Alternative B	54.4	49.4	43.8	42.2	43.8	46.7	49.3	51.4	52.9	53.0	53.5	54.7
Difference	-0.5	-0.2	0.0	0.1	0.1	0.0	0.0	0.1	-0.1	0.2	-0.1	-1.1
Percent Difference	-0.9%	-0.4%	0.0%	0.2%	0.1%	0.0%	0.0%	0.2%	-0.2%	0.4%	-0.2%	-2.0%

1 Based on the 82-year simulation period

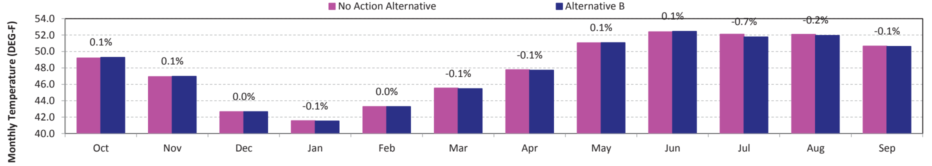
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

3 Relative difference of the monthly average

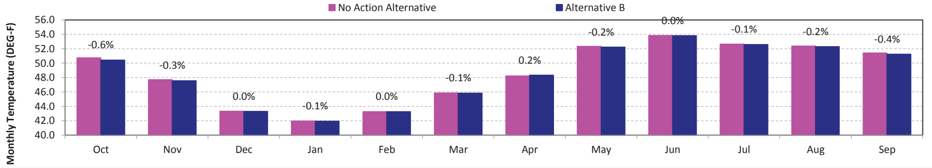
Clear Creek below Whiskeytown, Monthly Temperature
Full Simulation Period



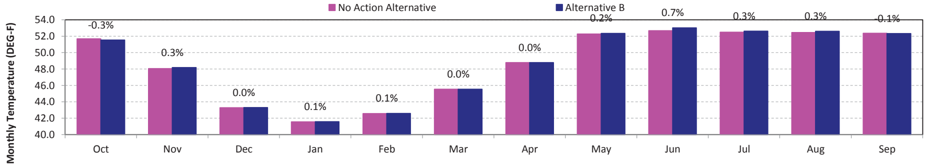
Clear Creek below Whiskeytown, Monthly Temperature
Wet Water Year Types (32%)



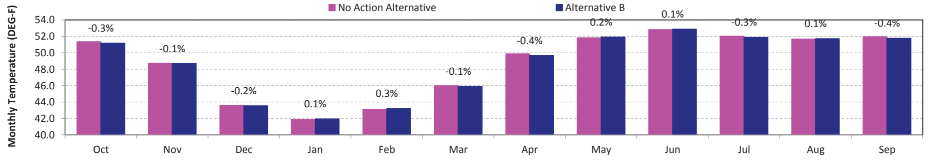
Clear Creek below Whiskeytown, Monthly Temperature
Above Normal Water Year Types (15%)



Clear Creek below Whiskeytown, Monthly Temperature
Below Normal Water Year Types (17%)



Clear Creek below Whiskeytown, Monthly Temperature
Dry Water Year Types (22%)



Clear Creek below Whiskeytown, Monthly Temperature
Critical Water Year Types (15%)

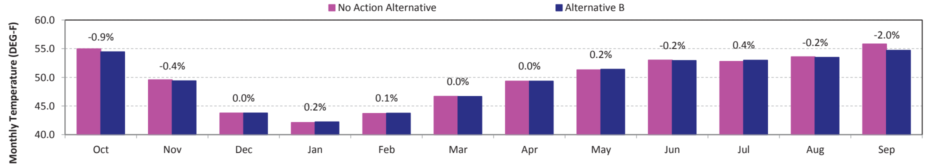


Figure SQ-36-5b
Clear Creek below Whiskeytown, Monthly Temperature
Probability of Exceedance

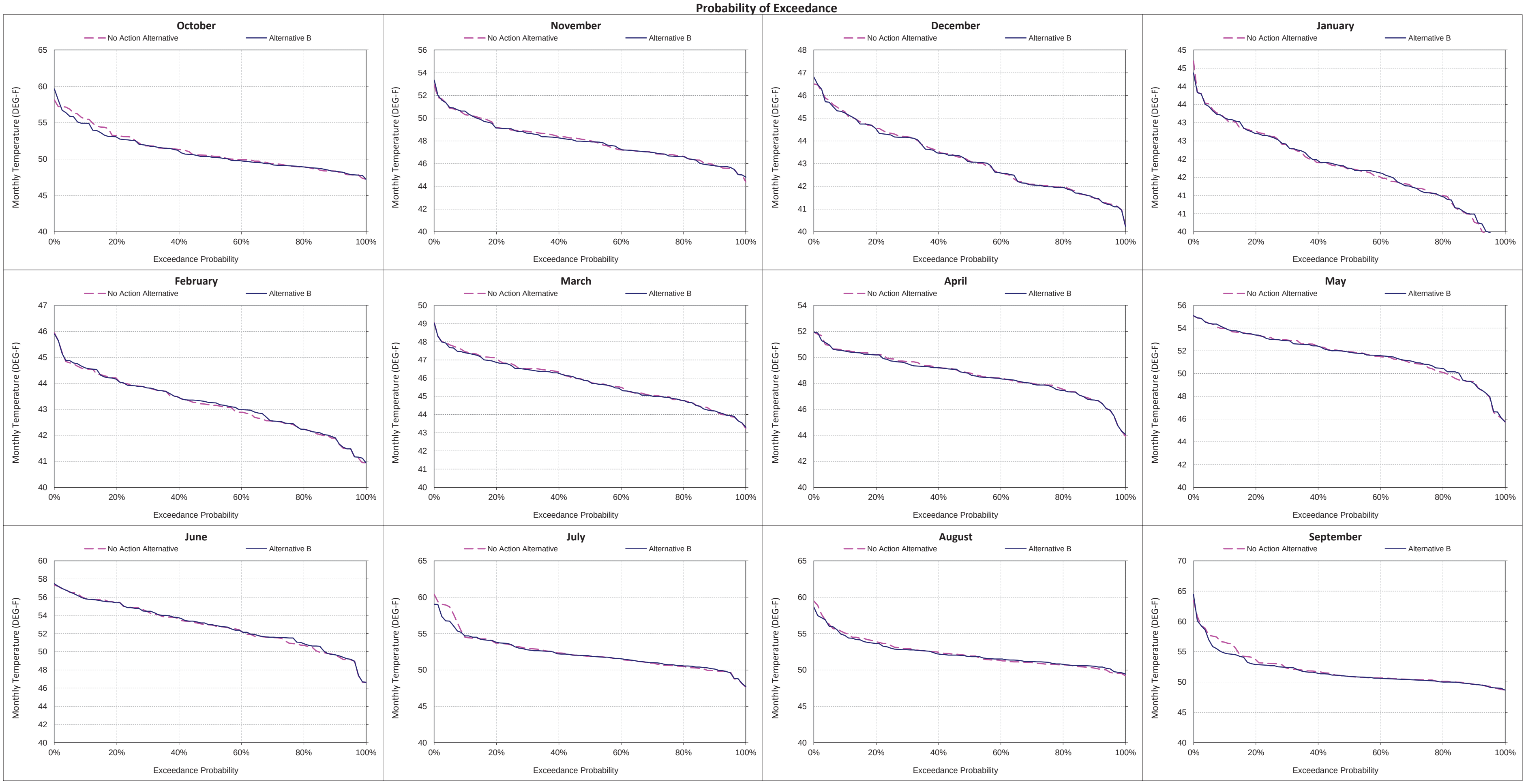


Table SQ-36-5b

Clear Creek below Whiskeytown, Monthly Temperature

Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	58.1	59.6	1.5	2.6%
1.2%	57.2	58.1	0.9	1.6%
2.5%	57.2	56.7	-0.5	-0.9%
3.7%	57.1	56.4	-0.8	-1.3%
4.9%	56.9	55.9	-1.0	-1.7%
6.2%	56.4	55.8	-0.6	-1.0%
7.4%	56.2	55.1	-1.1	-2.0%
8.6%	55.8	54.9	-0.8	-1.5%
9.9%	55.5	54.9	-0.6	-1.0%
11.1%	55.5	54.9	-0.6	-1.0%
12.3%	54.9	54.0	-0.9	-1.7%
13.6%	54.5	53.9	-0.6	-1.1%
14.8%	54.4	53.6	-0.8	-1.4%
16.0%	54.4	53.3	-1.1	-2.0%
17.3%	54.2	53.1	-1.1	-2.0%
18.5%	53.3	53.1	-0.1	-0.3%
19.8%	53.2	53.1	-0.1	-0.3%
21.0%	53.2	52.8	-0.4	-0.8%
22.2%	53.1	52.7	-0.4	-0.8%
23.5%	53.1	52.7	-0.4	-0.8%
24.7%	53.0	52.6	-0.4	-0.8%
25.9%	52.5	52.6	0.0	0.1%
27.2%	52.2	52.0	-0.2	-0.4%
28.4%	51.8	52.0	0.1	0.3%
29.6%	51.8	51.9	0.1	0.1%
30.9%	51.8	51.7	-0.1	-0.1%
32.1%	51.8	51.7	-0.1	-0.1%
33.3%	51.5	51.6	0.1	0.2%
34.6%	51.5	51.5	0.0	0.0%
35.8%	51.5	51.5	0.0	0.0%
37.0%	51.5	51.5	0.0	0.0%
38.3%	51.4	51.3	-0.1	-0.1%
39.5%	51.4	51.2	-0.1	-0.2%
40.7%	51.3	50.9	-0.4	-0.8%
42.0%	51.2	50.7	-0.5	-1.0%
43.2%	51.0	50.6	-0.4	-0.8%
44.4%	50.6	50.6	0.0	0.0%
45.7%	50.6	50.5	-0.1	-0.1%
46.9%	50.6	50.4	-0.2	-0.4%
48.1%	50.5	50.4	-0.2	-0.3%
49.4%	50.5	50.4	-0.2	-0.3%
50.6%	50.4	50.2	-0.2	-0.3%
51.9%	50.4	50.2	-0.1	-0.3%
53.1%	50.4	50.2	-0.2	-0.4%
54.3%	50.2	50.1	-0.1	-0.2%
55.6%	50.1	50.1	0.0	0.0%
56.8%	50.0	49.8	-0.2	-0.3%
58.0%	50.0	49.8	-0.2	-0.3%
59.3%	49.9	49.8	-0.1	-0.3%
60.5%	49.9	49.7	-0.2	-0.4%
61.7%	49.9	49.7	-0.2	-0.4%
63.0%	49.9	49.6	-0.3	-0.6%
64.2%	49.7	49.6	-0.2	-0.4%
65.4%	49.7	49.5	-0.2	-0.4%
66.7%	49.6	49.5	-0.1	-0.2%
67.9%	49.6	49.4	-0.2	-0.4%
69.1%	49.4	49.4	0.0	0.0%
70.4%	49.4	49.2	-0.2	-0.3%
71.6%	49.3	49.1	-0.2	-0.4%
72.8%	49.3	49.1	-0.2	-0.3%
74.1%	49.2	49.1	0.0	-0.1%
75.3%	49.0	49.1	0.0	0.1%
76.5%	49.0	49.1	0.1	0.1%
77.8%	49.0	49.0	0.0	0.0%
79.0%	48.9	48.9	0.0	0.0%
80.2%	48.9	48.9	0.0	0.0%
81.5%	48.8	48.8	0.0	0.0%
82.7%	48.7	48.8	0.1	0.2%
84.0%	48.7	48.8	0.1	0.2%
85.2%	48.5	48.7	0.2	0.5%
86.4%	48.4	48.6	0.2	0.5%
87.7%	48.4	48.5	0.1	0.3%
88.9%	48.4	48.4	0.0	0.0%
90.1%	48.3	48.3	0.0	0.0%
91.4%	48.2	48.3	0.1	0.2%
92.6%	48.1	48.2	0.1	0.3%
93.8%	47.9	48.0	0.2	0.3%
95.1%	47.9	47.9	0.0	0.0%
96.3%	47.8	47.8	0.0	0.1%
97.5%	47.8	47.8	0.0	0.0%
98.8%	47.4	47.8	0.4	0.8%
100.0%	47.2	47.2	0.0	0.0%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	52.9	53.3	0.4	0.8%
1.2%	51.8	52.0	0.2	0.4%
2.5%	51.7	51.6	-0.1	-0.2%
3.7%	51.4	51.4	0.0	0.0%
4.9%	50.9	51.0	0.1	0.1%
6.2%	50.8	50.9	0.1	0.1%
7.4%	50.7	50.7	0.1	0.2%
8.6%	50.5	50.6	0.1	0.2%
9.9%	50.3	50.6	0.3	0.6%
11.1%	50.3	50.4	0.1	0.2%
12.3%	50.2	50.2	0.0	-0.1%
13.6%	50.1	50.0	-0.1	-0.2%
14.8%	50.0	49.9	-0.1	-0.2%
16.0%	50.0	49.7	-0.3	-0.5%
17.3%	49.8	49.6	-0.2	-0.4%
18.5%	49.7	49.6	-0.1	-0.2%
19.8%	49.2	49.2	0.0	-0.1%
21.0%	49.1	49.1	0.0	0.0%
22.2%	49.1	49.1	0.0	0.0%
23.5%	49.1	49.1	0.0	0.0%
24.7%	49.0	49.1	0.1	0.2%
25.9%	48.9	48.9	-0.1	-0.1%
27.2%	48.9	48.8	-0.1	-0.2%
28.4%	48.9	48.8	-0.1	-0.2%
29.6%	48.8	48.7	-0.2	-0.3%
30.9%	48.8	48.7	-0.1	-0.3%
32.1%	48.7	48.6	-0.1	-0.3%
33.3%	48.7	48.6	-0.2	-0.3%
34.6%	48.7	48.4	-0.3	-0.6%
35.8%	48.6	48.4	-0.3	-0.6%
37.0%	48.6	48.3	-0.3	-0.5%
38.3%	48.5	48.3	-0.2	-0.4%
39.5%	48.4	48.3	-0.1	-0.3%
40.7%	48.4	48.3	-0.1	-0.2%
42.0%	48.4	48.2	-0.2	-0.4%
43.2%	48.3	48.2	-0.1	-0.3%
44.4%	48.2	48.1	-0.1	-0.3%
45.7%	48.2	48.0	-0.2	-0.5%
46.9%	48.2	48.0	-0.2	-0.4%
48.1%	48.1	48.0	-0.2	-0.3%
49.4%	48.0	47.9	-0.1	-0.2%
50.6%	48.0	47.9	-0.1	-0.2%
51.9%	47.9	47.9	0.0	0.0%
53.1%	47.8	47.9	0.1	0.2%
54.3%	47.6	47.8	0.2	0.4%
55.6%	47.6	47.6	0.1	0.1%
56.8%	47.4	47.6	0.2	0.4%
58.0%	47.3	47.6	0.2	0.5%
59.3%	47.2	47.3	0.1	0.2%
60.5%	47.2	47.2	0.0	0.0%
61.7%	47.2	47.2	0.0	0.0%
63.0%	47.2	47.2	0.0	0.0%
64.2%	47.1	47.1	0.0	0.0%
65.4%	47.1	47.1	0.0	0.1%
66.7%	47.1	47.1	0.0	0.0%
67.9%	47.1	47.0	0.0	0.0%
69.1%	47.0	47.0	0.0	-0.1%
70.4%	46.9	47.0	0.1	0.1%
71.6%	46.9	46.9	0.1	0.1%
72.8%	46.9	46.9	0.0	0.0%
74.1%	46.8	46.8	0.0	0.0%
75.3%	46.8	46.7	-0.1	-0.3%
76.5%	46.8	46.7	-0.1	-0.3%
77.8%	46.7	46.6	-0.1	-0.2%
79.0%	46.7	46.6	-0.1	-0.2%
80.2%	46.6	46.6	0.0	-0.1%
81.5%	46.4	46.4	0.0	0.0%
82.7%	46.3	46.4	0.0	0.0%
84.0%	46.3	46.3	0.0	0.0%
85.2%	46.3	46.0	-0.3	-0.6%
86.4%	46.1	46.0	-0.1	-0.3%
87.7%	46.0	45.9	-0.1	-0.3%
88.9%	46.0	45.9	-0.1	-0.2%
90.1%	45.8	45.8	0.0	0.0%
91.4%	45.8	45.8	0.0	0.0%
92.6%	45.6	45.8	0.1	0.3%
93.8%	45.6	45.7	0.2	0.3%
95.1%	45.6	45.7	0.1	0.2%
96.3%	45.5	45.5	0.0	0.0%
97.5%	45.1	45.0	0.0	0.0%
98.8%	45.0	45.0	0.0	0.0%
100.0%	44.4	44.8	0.4	1.0%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	46.5	46.8	0.3	0.7%
1.2%	46.5	46.5	0.0	0.0%
2.5%	46.2	46.3	0.1	0.2%
3.7%	45.9	45.7	-0.2	-0.3%
4.9%	45.8	45.7	-0.1	-0.2%
6.2%	45.6	45.5	-0.1	-0.2%
7.4%	45.5	45.3	-0.2	-0.4%
8.6%	45.4	45.3	-0.1	-0.1%
9.9%	45.3	45.2	-0.1	-0.1%
11.1%	45.1	45.1	0.1	0.2%
12.3%	45.0	45.0	0.0	0.0%
13.6%	45.0	45.0	0.0	0.0%
14.8%	44.8	44.7	-0.1	-0.2%
16.0%	44.8	44.7	-0.1	-0.1%
17.3%	44.7	44.7	0.0	0.1%
18.5%	44.7	44.7	0.0	0.0%
19.8%	44.5	44.6	0.0	0.0%
21.0%	44.5	44.3	-0.2	-0.5%
22.2%	44.5	44.3	-0.1	-0.3%
23.5%	44.4	44.3	-0.1	-0.2%
24.7%	44.3	44.3	-0.1	-0.2%
25.9%	44.3	44.2	-0.1	-0.3%
27.2%	44.2	44.2	-0.1	-0.1%
28.4%	44.2	44.2	0.0	-0.1%
29.6%	44.2	44.2	0.0	-0.1%
30.9%	44.2	44.1	0.0	0.0%
32.1%	44.1	44.1	0.0	0.0%
33.3%	44.0	44.0	0.0	0.1%
34.6%	43.8	43.8	0.0	0.0%
35.8%	43.8	43.6	-0.1	-0.3%
37.0%	43.7	43.6	-0.1	-0.2%
38.3%	43.6	43.6	0.0	-0.1%
39.5%	43.6	43.5	-0.1	-0.3%
40.7%	43.5	43.5	0.0	0.0%
42.0%	43.4	43.4	0.0	0.0%
43.2%	43.4	43.4	-0.1	-0.2%
44.4%	43.4	43.4	0.0	-0.1%
45.7%	43.3	43.4	0.0	0.1%
46.9%	43.3	43.3	0.1	0.1%
48.1%	43.3	43.2	0.0	0.0%
49.4%	43.2	43.1	-0.1	-0.1%
50.6%	43.1	43.1	0.0	0.0%
51.9%	43.1	43.1	0.0	0.0%
53.1%	43.0	43.0	0.0	0.1%
54.3%	43.0	43.0	0.0	0.1%
55.6%	42.9	43.0	0.1	0.3%
56.8%	42.9	42.9	0.0	0.1%
58.0%	42.7	42.6	0.0	-0.1%
59.3%	42.6	42.6	0.0	0.0%
60.5%	42.6	42.6	0.0	0.0%
61.7%	42.5	42.6	0.0	0.1%
63.0%	42.5	42.5	0.0	0.1%
64.2%	42.3	42.5	0.2	0.4%
65.4%	42.2	42.2	0.0	0.0%
66.7%	42.2	42.1	-0.1	-0.1%
67.9%	42.1	42.1	0.0	0.0%
69.1%	42.1	42.1	0.0	0.0%
70.4%	42.1	42.1	0.0	-0.1%
71.6%	42.1	42.0	0.0	0.0%
72.8%	42.0	42.0	0.0	0.0%
74.1%	42.0	42.0	0.0	-0.1%
75.3%	42.0	42.0	0.0	-0.1%
76.5%	42.0	42.0	0.0	0.0%
77.8%	42.0	42.0	0.0	0.0%
79.0%	42.0	41.9	0.0	0.0%
80.2%	42.0	41.9	0.0	0.0%
81.5%	41.9	41.9	-0.1	-0.1%
82.7%	41.8	41.8	0.0	0.0%
84.0%	41.8	41.7	-0.1	-0.2%
85.2%	41.7	41.7	0.0	0.1%
86.4%	41.6	41.7	0.0	0.0%
87.7%	41.6	41.6	0.0	0.0%
88.9%	41.5	41.6	0.1	0.1%
90.1%	41.5	41.5	0.0	0.0%
91.4%	41.4	41.5	0.0	0.1%
92.6%	41.3	41.3	0.0	0.0%
93.8%	41.3	41.2	0.0	-0.1%
95.1%	41.2	41.2	0.0	-0.1%
96.3%	41.2	41.1	-0.1	-0.2%
97.5%	41.1	41.1	0.0	0.0%
98.8%	41.0	41.0	0.0	0.0%
100.0%	40.3	40.2	0.0	0.0%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	44.7	44.4	-0.3	-0.7%
1.2%	43.8	43.8	0.0	0.0%
2.5%	43.8	43.8	0.0	0.0%
3.7%	43.5	43.5	0.0	-0.1%
4.9%	43.5	43.4	-0.1	-0.2%
6.2%	43.4	43.3	0.0	-0.1%
7.4%	43.3	43.2	0.0	-0.1%
8.6%	43.2	43.2	0.0	0.0%
9.9%	43.1	43.1	0.0	0.0%
11.1%	43.0	43.1	0.1	0.1%
12.3%	43.0	43.1	0.1	0.1%
13.6%	43.0	43.0	0.0	0.1%
14.8%	42.9	43.0	0.2	0.4%
16.0%	42.8	42.9	0.0	0.0%
17.3%	42.8	42.8	0.0	-0.1%
18.5%	42.8	42.8	0.0	-0.1%
19.8%	42.8	42.7	-0.1	-0.2%
21.0%	42.7	42.7	0.0	-0.1%
22.2%	42.7	42.7	-0.1	-0.1%
23.5%	42.7	42.6	0.0	-0.1%
24.7%	42.6	42.6	0.0	0.0%
25.9%	42.6	42.6	0.0	-0.1%
27.2%	42.5	42.5	0.0	0.0%
28.4%	42.4	42.4	0.0	0.1%
29.6%	42.4	42.4	0.0	0.0%
30.9%	42.3	42.3	0.0	0.0%
32.1%	42.3	42.3	0.0	0.0%
33.3%	42.2	42.3	0.0	0.1%
34.6%	42.2	42.2	0.0	0.1%
35.8%	42.1	42.2	0.1	0.3%
37.0%	42.0	42.1	0.1	0.1%
38.3%	42.0	42.0	0.0	0.0%
39.5%	41.9	42.0	0.1	0.2%
40.7%	41.9	41.9	0.0	0.0%
42.0%	41.9	41.9	0.0	0.0%
43.2%	41.9	41.9	0.0	0.1%
44.4%	41.8	41.9	0.0	0.1%
45.7%	41.8	41.8	0.0	0.1%
46.9%	41.8	41.8	0.0	0.0%
48.1%	41.8	41.8	0.0	0.1%
49.4%	41.7	41.8	0.0	0.0%
50.6%	41.7	41.7	0.0	0.0%
51.9%	41.7	41.7	0.0	-0.1%
53.1%	41.7	41.7	0.0	0.0%
54.3%	41.7	41.7	0.0	0.1%
55.6%	41.6	41.7	0.0	0.1%
56.8%	41.6	41.7	0.1	0.1%
58.0%	41.5	41.7	0.1	0.3%
59.3%	41.5	41.6	0.1	0.2%
60.5%	41.5	41.6	0.1	0.3%
61.7%	41.5	41.6	0.1	0.2%
63.0%	41.4	41.5	0.1	0.3%
64.2%	41.4	41.5	0.1	0.2%
65.4%	41.4	41.4	0.0	0.0%
66.7%	41.3	41.3	0.0	0.0%
67.9%	41.3	41.3	-0.1	-0.1%
69.1%	41.3	41.3	0.0	-0.1%
70.4%	41.2	41.2	0.0	0.0%
71.6%	41.2	41.2	0.0	0.0%
72.8%	41.2	41.1	-0.1	-0.2%
74.1%	41.2	41.1	-0.1	-0.2%
75.3%	41.1	41.1	0.0	0.0%
76.5%	41.1	41.1	0.0	0.0%
77.8%	41.0	41.0	0.0	0.0%
79.0%	41.0	41.0	0.0	0.0%
80.2%	41.0	41.0	0.0	-0.1%
81.5%	41.0	40.9	-0.1	-0.2%
82.7%	40.8	40.9	0.1	0.2%
84.0%	40.7	40.7	0.0	0.0%
85.2%	40.6	40.6	0.1	0.1%
86.4%	40.6	40.6	0.0	0.1%
87.7%	40.5	40.5	0.0	0.0%
88.9%	40.5	40.5	0.0	0.0%
90.1%	40.3	40.5	0.2	0.6%
91.4%	40.2	40.2	0.0	0.0%
92.6%	40.0	40.2	0.2	0.5%
93.8%	39.9	40.0	0.1	0.2%
95.1%	39.9	40.0	0.1	0.2%
96.3%	39.8	39.9	0.1	0.2%
97.5%	39.7	39.6	-0.1	-0.3%
98.8%	39.6	39.6	0.0	0.0%
100.0%	39.3	39.2	-0.1	-0.2%

Table SQ-36-5b

Clear Creek below Whiskeytown, Monthly Temperature

Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	45.9	45.9	0.0	-0.1%
1.2%	45.6	45.6	0.0	0.0%
2.5%	45.2	45.1	-0.1	-0.1%
3.7%	44.8	44.9	0.0	0.1%
4.9%	44.8	44.9	0.1	0.2%
6.2%	44.7	44.8	0.0	0.1%
7.4%	44.7	44.8	0.1	0.2%
8.6%	44.6	44.7	0.1	0.2%
9.9%	44.6	44.6	0.0	0.1%
11.1%	44.5	44.6	0.0	0.0%
12.3%	44.5	44.5	0.0	0.0%
13.6%	44.4	44.5	0.2	0.4%
14.8%	44.3	44.3	0.0	-0.1%
16.0%	44.3	44.2	0.0	-0.1%
17.3%	44.3	44.2	0.0	-0.1%
18.5%	44.2	44.2	0.0	0.0%
19.8%	44.2	44.2	0.0	-0.1%
21.0%	44.0	44.0	0.0	0.0%
22.2%	44.0	44.0	0.0	0.0%
23.5%	44.0	43.9	-0.1	-0.1%
24.7%	43.9	43.9	0.0	0.0%
25.9%	43.9	43.9	0.0	0.0%
27.2%	43.9	43.9	0.0	0.0%
28.4%	43.9	43.9	0.0	0.0%
29.6%	43.8	43.8	0.0	0.0%
30.9%	43.8	43.8	0.0	0.0%
32.1%	43.8	43.8	0.0	0.0%
33.3%	43.7	43.7	0.0	0.0%
34.6%	43.7	43.7	0.0	0.0%
35.8%	43.7	43.7	0.0	0.0%
37.0%	43.5	43.6	0.1	0.2%
38.3%	43.5	43.5	0.0	0.0%
39.5%	43.5	43.5	0.0	0.0%
40.7%	43.4	43.4	0.0	0.0%
42.0%	43.4	43.4	0.0	0.0%
43.2%	43.3	43.4	0.0	0.1%
44.4%	43.3	43.4	0.1	0.2%
45.7%	43.3	43.3	0.1	0.2%
46.9%	43.2	43.3	0.1	0.3%
48.1%	43.2	43.3	0.1	0.2%
49.4%	43.2	43.3	0.1	0.2%
50.6%	43.2	43.3	0.1	0.2%
51.9%	43.2	43.2	0.1	0.2%
53.1%	43.1	43.2	0.0	0.1%
54.3%	43.1	43.2	0.1	0.1%
55.6%	43.1	43.1	0.0	0.1%
56.8%	43.1	43.1	0.0	0.1%
58.0%	42.9	43.1	0.2	0.4%
59.3%	42.9	43.0	0.1	0.2%
60.5%	42.9	43.0	0.1	0.2%
61.7%	42.8	43.0	0.1	0.3%
63.0%	42.8	43.0	0.1	0.3%
64.2%	42.7	42.9	0.2	0.5%
65.4%	42.7	42.9	0.2	0.5%
66.7%	42.6	42.8	0.2	0.5%
67.9%	42.6	42.7	0.1	0.3%
69.1%	42.6	42.6	0.0	0.0%
70.4%	42.5	42.5	0.0	0.0%
71.6%	42.5	42.5	0.0	0.0%
72.8%	42.5	42.5	0.0	0.0%
74.1%	42.5	42.5	0.0	0.0%
75.3%	42.4	42.5	0.0	0.0%
76.5%	42.4	42.4	0.0	0.1%
77.8%	42.3	42.3	0.0	0.0%
79.0%	42.2	42.2	0.0	0.0%
80.2%	42.2	42.2	0.0	0.0%
81.5%	42.2	42.2	0.0	0.0%
82.7%	42.1	42.1	0.0	0.0%
84.0%	42.1	42.1	0.1	0.1%
85.2%	42.0	42.1	0.1	0.2%
86.4%	42.0	42.0	0.0	0.1%
87.7%	42.0	42.0	0.0	0.0%
88.9%	41.9	42.0	0.1	0.2%
90.1%	41.9	41.9	0.0	0.0%
91.4%	41.7	41.7	0.0	0.0%
92.6%	41.5	41.6	0.0	0.1%
93.8%	41.5	41.5	0.0	0.0%
95.1%	41.5	41.5	0.0	0.0%
96.3%	41.2	41.2	0.0	0.0%
97.5%	41.1	41.2	0.0	0.1%
98.8%	40.9	41.1	0.2	0.4%
100.0%	40.9	40.9	0.0	0.0%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	49.0	49.0	0.0	0.0%
1.2%	48.3	48.3	0.0	0.0%
2.5%	48.0	48.0	0.0	0.0%
3.7%	48.0	47.9	0.0	-0.1%
4.9%	47.8	47.7	-0.2	-0.3%
6.2%	47.8	47.7	-0.1	-0.2%
7.4%	47.7	47.5	-0.2	-0.4%
8.6%	47.6	47.5	-0.1	-0.3%
9.9%	47.5	47.4	-0.1	-0.1%
11.1%	47.4	47.4	-0.1	-0.1%
12.3%	47.4	47.3	0.0	-0.1%
13.6%	47.3	47.3	-0.1	-0.1%
14.8%	47.2	47.2	0.0	-0.1%
16.0%	47.2	47.0	-0.2	-0.4%
17.3%	47.2	47.0	-0.2	-0.4%
18.5%	47.1	46.9	-0.2	-0.4%
19.8%	47.1	46.9	-0.2	-0.5%
21.0%	46.9	46.8	-0.1	-0.3%
22.2%	46.8	46.8	0.0	0.0%
23.5%	46.8	46.8	0.0	-0.1%
24.7%	46.8	46.7	-0.1	-0.2%
25.9%	46.7	46.5	-0.2	-0.3%
27.2%	46.5	46.5	0.0	0.0%
28.4%	46.5	46.5	0.0	0.0%
29.6%	46.5	46.5	0.0	-0.1%
30.9%	46.5	46.4	-0.1	-0.1%
32.1%	46.5	46.4	-0.1	-0.2%
33.3%	46.5	46.4	-0.1	-0.3%
34.6%	46.5	46.4	-0.1	-0.2%
35.8%	46.4	46.4	-0.1	-0.2%
37.0%	46.4	46.4	-0.1	-0.2%
38.3%	46.4	46.3	-0.1	-0.2%
39.5%	46.4	46.3	-0.1	-0.2%
40.7%	46.3	46.2	-0.1	-0.1%
42.0%	46.1	46.1	0.0	0.0%
43.2%	46.1	46.1	0.0	0.1%
44.4%	46.0	46.1	0.1	0.2%
45.7%	46.0	46.0	0.0	0.0%
46.9%	46.0	46.0	0.0	-0.1%
48.1%	45.9	45.9	0.0	0.0%
49.4%	45.8	45.8	0.0	0.0%
50.6%	45.7	45.7	0.0	-0.1%
51.9%	45.7	45.7	0.0	0.0%
53.1%	45.7	45.7	0.0	0.0%
54.3%	45.7	45.6	0.0	-0.1%
55.6%	45.6	45.6	0.0	0.0%
56.8%	45.6	45.5	0.0	0.0%
58.0%	45.5	45.5	-0.1	-0.2%
59.3%	45.5	45.5	-0.1	-0.2%
60.5%	45.5	45.3	-0.2	-0.3%
61.7%	45.3	45.3	0.0	0.0%
63.0%	45.2	45.3	0.0	0.0%
64.2%	45.2	45.2	0.0	0.0%
65.4%	45.2	45.2	0.0	0.0%
66.7%	45.2	45.1	-0.1	-0.2%
67.9%	45.1	45.1	0.0	-0.1%
69.1%	45.1	45.1	0.0	0.0%
70.4%	45.1	45.0	-0.1	-0.1%
71.6%	45.0	45.0	-0.1	-0.1%
72.8%	45.0	45.0	0.0	0.0%
74.1%	45.0	44.9	0.0	-0.1%
75.3%	45.0	44.9	0.0	-0.1%
76.5%	44.8	44.9	0.0	0.1%
77.8%	44.8	44.9	0.0	0.1%
79.0%	44.8	44.8	0.0	0.0%
80.2%	44.8	44.8	0.0	0.0%
81.5%	44.7	44.7	0.0	-0.1%
82.7%	44.7	44.6	0.0	-0.1%
84.0%	44.5	44.5	0.0	0.0%
85.2%	44.5	44.5	0.0	0.0%
86.4%	44.4	44.3	-0.1	-0.3%
87.7%	44.4	44.3	-0.1	-0.3%
88.9%	44.2	44.2	0.0	-0.1%
90.1%	44.2	44.2	0.0	0.0%
91.4%	44.1	44.1	0.0	0.1%
92.6%	44.0	44.1	0.1	0.2%
93.8%	44.0	44.0	0.0	-0.1%
95.1%	43.9	44.0	0.1	0.1%
96.3%	43.9	43.9	0.0	0.1%
97.5%	43.7	43.7	0.0	0.0%
98.8%	43.5	43.5	0.0	0.0%
100.0%	43.2	43.3	0.1	0.1%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	51.9	51.9	0.0	0.0%
1.2%	51.8	51.9	0.1	0.2%
2.5%	51.7	51.3	-0.4	-0.8%
3.7%	51.0	51.1	0.2	0.3%
4.9%	50.9	51.0	0.0	0.1%
6.2%	50.6	50.6	0.0	0.0%
7.4%	50.6	50.6	-0.1	-0.1%
8.6%	50.6	50.5	-0.1	-0.1%
9.9%	50.5	50.5	-0.1	-0.1%
11.1%	50.5	50.4	-0.1	-0.2%
12.3%	50.4	50.4	-0.1	-0.1%
13.6%	50.4	50.4	-0.1	-0.1%
14.8%	50.4	50.4	0.0	0.0%
16.0%	50.4	50.2	-0.1	-0.2%
17.3%	50.3	50.2	-0.1	-0.2%
18.5%	50.2	50.2	0.0	-0.1%
19.8%	50.2	50.2	0.0	-0.1%
21.0%	50.2	50.2	0.0	0.0%
22.2%	50.2	49.9	-0.3	-0.5%
23.5%	49.9	49.8	-0.1	-0.2%
24.7%	49.9	49.7	-0.2	-0.3%
25.9%	49.9	49.7	-0.2	-0.4%
27.2%	49.7	49.7	-0.1	-0.1%
28.4%	49.7	49.6	-0.1	-0.2%
29.6%	49.7	49.6	-0.1	-0.3%
30.9%	49.7	49.4	-0.2	-0.5%
32.1%	49.7	49.3	-0.3	-0.6%
33.3%	49.6	49.3	-0.3	-0.5%
34.6%	49.4	49.3	-0.1	-0.2%
35.8%	49.4	49.3	-0.1	-0.2%
37.0%	49.3	49.3	-0.1	-0.2%
38.3%	49.3	49.2	-0.1	-0.2%
39.5%	49.2	49.2	0.0	0.0%
40.7%	49.2	49.2	0.0	0.0%
42.0%	49.2	49.2	0.0	0.0%
43.2%	49.2	49.1	0.0	-0.1%
44.4%	49.1	49.1	0.0	-0.1%
45.7%	49.0	49.1	0.0	0.1%
46.9%	48.9	48.9	0.0	0.0%
48.1%	48.9	48.8	0.0	-0.1%
49.4%	48.8	48.8	0.0	-0.1%
50.6%	48.8	48.6	-0.1	-0.3%
51.9%	48.6	48.6	-0.1	-0.1%
53.1%	48.6	48.5	-0.1	-0.2%
54.3%	48.5	48.5	0.0	-0.1%
55.6%	48.5	48.4	0.0	-0.1%
56.8%	48.5	48.4	0.0	0.0%
58.0%	48.4	48.4	0.0	0.0%
59.3%	48.4	48.4	0.0	-0.1%
60.5%	48.4	48.3	-0.1	-0.1%
61.7%	48.3	48.3	0.0	0.0%
63.0%	48.3	48.3	0.0	0.1%
64.2%	48.2	48.2	0.1	0.2%
65.4%	48.1	48.2	0.1	0.1%
66.7%	48.1	48.1	0.1	0.1%
67.9%	48.1	48.0	0.0	0.0%
69.1%	48.0	48.0	0.0	0.0%
70.4%	48.0	47.9	-0.1	-0.1%
71.6%	47.9	47.9	0.0	-0.1%
72.8%	47.9	47.9	0.0	0.0%
74.1%	47.9	47.9	0.0	0.0%
75.3%	47.9	47.8	0.0	0.0%
76.5%	47.9	47.7	-0.1	-0.3%
77.8%	47.7	47.5	-0.2	-0.4%
79.0%	47.6	47.5	-0.1	-0.3%
80.2%	47.5	47.5	-0.1	-0.1%
81.5%	47.4	47.4	0.0	-0.1%
82.7%	47.4	47.3	0.0	0.0%
84.0%	47.3	47.3	0.0	0.0%
85.2%	47.1	47.1	0.0	0.0%
86.4%	47.0	47.0	0.0	0.0%
87.7%	46.9	46.8	-0.1	-0.2%
88.9%	46.8	46.7	-0.1	-0.2%
90.1%	46.7	46.7	0.0	0.0%
91.4%	46.6	46.6	0.0	0.0%
92.6%	46.4	46.4	0.0	0.0%
93.8%	46.1	46.1	0.0	-0.1%
95.1%	45.9	45.9	0.0	0.0%
96.3%	45.5	45.5	0.0	0.0%
97.5%	44.8	44.8	0.0	0.0%
98.8%	44.3	44.3	0.0	0.0%
100.0%	43.9	44.1	0.2	0.3%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	55.1	55.1	0.0	0.0%
1.2%	54.9	54.9	0.0	0.0%
2.5%	54.8	54.8	0.0	0.0%
3.7%	54.6	54.5	0.0	-0.1%
4.9%	54.4	54.4	0.0	0.0%
6.2%	54.4	54.4	0.0	0.0%
7.4%	54.1	54.4	0.2	0.4%
8.6%	54.0	54.2	0.2	0.4%
9.9%	54.0	54.0	0.0	0.1%
11.1%	54.0	53.9	-0.1	-0.2%
12.3%	53.7	53.8	0.1	0.2%
13.6%	53.7	53.8	0.1	0.2%
14.8%	53.6	53.7	0.1	0.2%
16.0%	53.6	53.5	0.0	-0.1%
17.3%	53.5	53.5	0.0	0.1%
18.5%	53.5	53.5	0.0	0.0%
19.8%	53.4	53.4	0.0	0.0%
21.0%	53.3	53.4	0.0	0.1%
22.2%	53.3	53.3	0.0	0.0%
23.5%	53.2	53.1	-0.1	-0.2%
24.7%	53.2	53.0	-0.2	-0.3%
25.9%	53.0	53.0	0.0	0.0%
27.2%	53.0	53.0	0.0	0.0%
28.4%	53.0	52.9	0.0	-0.1%
29.6%	53.0	52.9	-0.1	-0.1%
30.9%	52.9	52.9	0.0	-0.1%
32.1%	52.9	52.6	-0.3	-0.6%
33.3%	52.9	52.6	-0.3	-0.5%
34.6%	52.6	52.6	0.0	-0.1%
35.8%	52.6	52.6	0.0	-0.1%
37.0%	52.6	52.6	0.0	-0.1%
38.3%	52.6	52.4	-0.1	-0.3%
39.5%	52.4	52.4	0.0	0.0%
40.7%	52.3	52.3	0.0	0.0%
42.0%	52.3	52.2	-0.1	-0.3%
43.2%	52.1	52.1	0.0	-0.1%
44.4%	52.1	52.0	-0.1	-0.2%
45.7%	52.1	52.0	-0.1	-0.1%
46.9%	52.0	52.0	0.0	0.0%
48.1%	52.0	52.0	0.0	0.0%
49.4%	51.9	51.9	0.0	0.0%
50.6%	51.9	51.9	-0.1	-0.1%
51.9%	51.9	51.8	-0.1	-0.1%
53.1%	51.8	51.8	-0.1	-0.1%
54.3%	51.8	51.8	0.0	-0.1%
55.6%	51.7	51.6	0.0	-0.1%
56.8%	51.6	51.6	0.0	0.0%
58.0%	51.5	51.6	0.1	0.1%
59.3%	51.5	51.6	0.1	0.2%
60.5%	51.5	51.6	0.1	0.2%
61.7%	51.5	51.5	0.1	0.1%
63.0%	51.4	51.5	0.1	0.2%
64.2%	51.3	51.5	0.2	0.3%
65.4%	51.2	51.3	0.1	0.2%
66.7%	51.2	51.2	0.0	0.1%
67.9%	51.1	51.2	0.0	0.1%
69.1%	51.0	51.1	0.1	0.3%
70.4%	50.9	51.1	0.1	0.3%
71.6%	50.9	51.0	0.1	0.2%
72.8%	50.8	50.9	0.1	0.2%
74.1%	50.8	50.8	0.0	0.0%
75.3%	50.5	50.8	0.3	0.5%
76.5%	50.4	50.7	0.2	0.5%
77.8%	50.2	50.5	0.2	0.5%
79.0%	50.2	50.5	0.3	0.6%
80.2%	50.1	50.4	0.3	0.7%
81.5%	50.0	50.2	0.2	0.4%
82.7%	49.8	50.2	0.4	0.8%
84.0%	49.6	50.2	0.6	1.2%
85.2%	49.4	50.0	0.6	1.2%
86.4%	49.4	49.4	0.0	0.0%
87.7%	49.3	49.3	0.0	0.0%
88.9%	49.3	49.3	0.0	0.0%
90.1%	49.3	49.1	-0.2	-0.4%
91.4%	48.7	48.7	0.0	0.0%
92.6%	48.5	48.5	0.0	0.1%
93.8%	48.3	48.3	0.0	0.0%
95.1%	47.9	48.0	0.1	0.2%
96.3%	46.6	46.6	0.1	0.1%
97.5%	46.3	46.6	0.3	0.6%
98.8%	46.1	46.1	0.0	0.0%
100.0%	45.7	45.8	0.0	0.0%

Table SQ-36-5b

Clear Creek below Whiskeytown, Monthly Temperature

Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	57.3	57.5	0.2	0.3%
1.2%	57.2	57.2	0.0	0.0%
2.5%	56.9	57.0	0.0	0.1%
3.7%	56.8	56.8	-0.1	-0.1%
4.9%	56.5	56.6	0.1	0.1%
6.2%	56.5	56.4	-0.1	-0.2%
7.4%	56.4	56.2	-0.2	-0.4%
8.6%	56.1	56.0	-0.1	-0.1%
9.9%	55.9	55.8	0.0	-0.1%
11.1%	55.8	55.8	0.0	0.0%
12.3%	55.8	55.7	0.0	-0.1%
13.6%	55.7	55.7	0.0	-0.1%
14.8%	55.7	55.6	-0.1	-0.3%
16.0%	55.7	55.5	-0.2	-0.3%
17.3%	55.5	55.5	0.0	0.0%
18.5%	55.5	55.5	0.0	0.0%
19.8%	55.4	55.4	0.0	-0.1%
21.0%	55.4	55.4	0.0	0.0%
22.2%	55.0	55.0	0.1	0.1%
23.5%	55.0	54.9	-0.1	-0.2%
24.7%	54.8	54.9	0.0	0.0%
25.9%	54.8	54.8	-0.1	-0.1%
27.2%	54.8	54.8	-0.1	-0.1%
28.4%	54.6	54.5	-0.2	-0.3%
29.6%	54.5	54.5	0.0	0.0%
30.9%	54.2	54.5	0.2	0.4%
32.1%	54.1	54.3	0.2	0.3%
33.3%	54.1	54.1	0.0	0.0%
34.6%	53.9	54.0	0.1	0.2%
35.8%	53.8	54.0	0.2	0.3%
37.0%	53.8	53.9	0.1	0.3%
38.3%	53.8	53.8	0.0	0.0%
39.5%	53.7	53.8	0.1	0.2%
40.7%	53.4	53.6	0.2	0.4%
42.0%	53.4	53.4	0.1	0.1%
43.2%	53.3	53.4	0.0	0.0%
44.4%	53.2	53.4	0.1	0.3%
45.7%	53.2	53.3	0.1	0.2%
46.9%	53.1	53.2	0.1	0.2%
48.1%	53.0	53.2	0.2	0.3%
49.4%	53.0	53.0	0.0	0.1%
50.6%	52.9	53.0	0.0	0.1%
51.9%	52.8	52.9	0.1	0.1%
53.1%	52.8	52.8	0.0	0.1%
54.3%	52.7	52.8	0.0	0.1%
55.6%	52.6	52.7	0.1	0.1%
56.8%	52.5	52.5	0.0	0.0%
58.0%	52.5	52.4	-0.1	-0.3%
59.3%	52.4	52.4	0.0	-0.1%
60.5%	52.1	52.1	0.0	0.0%
61.7%	51.9	52.1	0.2	0.4%
63.0%	51.9	51.9	0.0	0.0%
64.2%	51.7	51.9	0.2	0.4%
65.4%	51.7	51.8	0.1	0.1%
66.7%	51.6	51.7	0.0	0.1%
67.9%	51.6	51.6	0.0	0.0%
69.1%	51.6	51.6	0.0	0.1%
70.4%	51.6	51.6	0.0	0.1%
71.6%	51.5	51.6	0.0	0.1%
72.8%	51.5	51.6	0.1	0.2%
74.1%	51.2	51.5	0.4	0.7%
75.3%	50.9	51.5	0.6	1.1%
76.5%	50.9	51.5	0.6	1.2%
77.8%	50.8	51.0	0.2	0.4%
79.0%	50.7	51.0	0.3	0.6%
80.2%	50.7	50.9	0.2	0.4%
81.5%	50.6	50.7	0.2	0.3%
82.7%	50.5	50.6	0.1	0.3%
84.0%	50.1	50.6	0.5	1.1%
85.2%	49.9	50.6	0.7	1.3%
86.4%	49.9	50.1	0.2	0.4%
87.7%	49.8	49.8	0.0	0.0%
88.9%	49.7	49.7	0.0	-0.1%
90.1%	49.6	49.6	0.0	0.0%
91.4%	49.4	49.5	0.1	0.3%
92.6%	49.2	49.4	0.2	0.5%
93.8%	49.1	49.2	0.1	0.2%
95.1%	49.1	49.2	0.1	0.1%
96.3%	48.9	48.9	0.0	0.0%
97.5%	47.4	47.4	0.0	0.1%
98.8%	46.7	46.7	0.0	0.0%
100.0%	46.6	46.6	0.0	0.0%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.4	59.0	-1.4	-2.2%
1.2%	59.4	59.0	-0.4	-0.7%
2.5%	59.0	57.4	-1.7	-2.8%
3.7%	58.9	56.8	-2.2	-3.7%
4.9%	58.7	56.7	-2.0	-3.4%
6.2%	57.7	56.1	-1.7	-2.9%
7.4%	56.5	55.4	-1.2	-2.1%
8.6%	55.4	55.2	-0.2	-0.4%
9.9%	54.5	54.7	0.2	0.3%
11.1%	54.4	54.7	0.3	0.5%
12.3%	54.4	54.5	0.1	0.3%
13.6%	54.3	54.5	0.2	0.3%
14.8%	54.3	54.2	0.0	-0.1%
16.0%	54.3	54.1	-0.1	-0.2%
17.3%	54.3	54.1	-0.2	-0.3%
18.5%	54.0	54.1	0.1	0.2%
19.8%	53.7	53.8	0.1	0.2%
21.0%	53.7	53.7	0.0	0.1%
22.2%	53.6	53.7	0.1	0.1%
23.5%	53.5	53.6	0.1	0.2%
24.7%	53.4	53.5	0.0	0.1%
25.9%	53.2	53.2	0.0	0.0%
27.2%	53.2	53.0	-0.2	-0.4%
28.4%	53.1	52.9	-0.2	-0.3%
29.6%	52.9	52.8	-0.2	-0.3%
30.9%	52.9	52.7	-0.2	-0.4%
32.1%	52.9	52.6	-0.2	-0.4%
33.3%	52.8	52.6	-0.2	-0.4%
34.6%	52.7	52.6	-0.1	-0.3%
35.8%	52.6	52.6	0.0	0.0%
37.0%	52.5	52.6	0.0	0.0%
38.3%	52.5	52.5	-0.1	-0.1%
39.5%	52.3	52.2	-0.1	-0.2%
40.7%	52.3	52.2	-0.1	-0.3%
42.0%	52.3	52.2	-0.1	-0.2%
43.2%	52.2	52.1	0.0	0.0%
44.4%	52.1	52.0	0.0	0.0%
45.7%	52.0	52.0	0.0	0.1%
46.9%	51.9	52.0	0.0	0.1%
48.1%	51.9	52.0	0.0	0.1%
49.4%	51.9	51.9	0.1	0.1%
50.6%	51.9	51.9	0.0	0.0%
51.9%	51.9	51.8	-0.1	-0.1%
53.1%	51.8	51.8	-0.1	-0.1%
54.3%	51.8	51.8	0.0	0.0%
55.6%	51.7	51.7	0.0	0.1%
56.8%	51.6	51.7	0.0	0.1%
58.0%	51.6	51.6	0.0	0.0%
59.3%	51.6	51.6	0.0	0.0%
60.5%	51.4	51.5	0.1	0.2%
61.7%	51.4	51.4	0.1	0.1%
63.0%	51.3	51.3	0.1	0.1%
64.2%	51.2	51.3	0.0	0.1%
65.4%	51.2	51.2	0.0	0.0%
66.7%	51.1	51.1	0.0	0.0%
67.9%	51.1	51.1	0.0	0.1%
69.1%	51.0	51.0	0.0	0.1%
70.4%	50.9	51.0	0.0	0.1%
71.6%	50.8	51.0	0.2	0.3%
72.8%	50.7	50.9	0.2	0.4%
74.1%	50.6	50.8	0.1	0.3%
75.3%	50.6	50.7	0.1	0.2%
76.5%	50.6	50.7	0.1	0.2%
77.8%	50.5	50.6	0.1	0.2%
79.0%	50.5	50.6	0.1	0.2%
80.2%	50.5	50.5	0.1	0.1%
81.5%	50.3	50.5	0.2	0.5%
82.7%	50.3	50.5	0.2	0.4%
84.0%	50.3	50.4	0.1	0.3%
85.2%	50.2	50.4	0.2	0.4%
86.4%	50.1	50.3	0.2	0.4%
87.7%	49.9	50.3	0.3	0.7%
88.9%	49.9	50.2	0.3	0.5%
90.1%	49.9	50.1	0.2	0.5%
91.4%	49.8	49.9	0.1	0.2%
92.6%	49.8	49.9	0.1	0.2%
93.8%	49.8	49.7	-0.1	-0.1%
95.1%	49.7	49.6	-0.1	-0.2%
96.3%	48.8	48.8	0.1	0.1%
97.5%	48.8	48.8	0.0	0.1%
98.8%	48.1	48.1	0.0	0.0%
100.0%	47.6	47.7	0.0	0.0%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.5	58.6	-0.8	-1.4%
1.2%	58.9	57.5	-1.4	-2.4%
2.5%	57.6	57.2	-0.5	-0.8%
3.7%	56.8	56.9	0.1	0.1%
4.9%	56.3	56.0	-0.3	-0.5%
6.2%	55.7	55.9	0.3	0.5%
7.4%	55.7	55.5	-0.1	-0.2%
8.6%	55.3	54.9	-0.4	-0.8%
9.9%	55.1	54.8	-0.3	-0.6%
11.1%	54.9	54.4	-0.5	-1.0%
12.3%	54.5	54.4	-0.1	-0.2%
13.6%	54.5	54.2	-0.3	-0.6%
14.8%	54.3	54.2	-0.2	-0.3%
16.0%	54.3	53.9	-0.4	-0.8%
17.3%	54.2	53.8	-0.4	-0.7%
18.5%	54.1	53.7	-0.4	-0.7%
19.8%	53.9	53.6	-0.2	-0.4%
21.0%	53.8	53.6	-0.2	-0.3%
22.2%	53.6	53.3	-0.4	-0.7%
23.5%	53.6	53.2	-0.4	-0.8%
24.7%	53.4	53.0	-0.4	-0.7%
25.9%	53.1	52.8	-0.3	-0.5%
27.2%	53.1	52.8	-0.2	-0.4%
28.4%	53.0	52.8	-0.2	-0.3%
29.6%	52.9	52.8	-0.1	-0.3%
30.9%	52.9	52.8	-0.2	-0.3%
32.1%	52.7	52.7	0.0	0.0%
33.3%	52.7	52.7	0.0	0.0%
34.6%	52.6	52.7	0.0	0.1%
35.8%	52.6	52.6	0.0	0.0%
37.0%	52.5	52.6	0.1	0.1%
38.3%	52.5	52.4	-0.1	-0.2%
39.5%	52.5	52.2	-0.3	-0.5%
40.7%	52.4	52.1	-0.2	-0.4%
42.0%	52.3	52.1	-0.2	-0.3%
43.2%	52.2	52.0	-0.2	-0.4%
44.4%	52.2	52.0	-0.2	-0.3%
45.7%	52.2	52.0	-0.1	-0.3%
46.9%	52.1	52.0	-0.1	-0.2%
48.1%	52.0	52.0	-0.1	-0.2%
49.4%	51.9	51.9	-0.1	-0.1%
50.6%	51.9	51.8	-0.1	-0.1%
51.9%	51.9	51.8	-0.1	-0.2%
53.1%	51.7	51.8	0.2	0.3%
54.3%	51.5	51.6	0.2	0.3%
55.6%	51.4	51.6	0.1	0.3%
56.8%	51.4	51.5	0.2	0.3%
58.0%	51.4	51.5	0.2	0.3%
59.3%	51.4	51.5	0.1	0.3%
60.5%	51.2	51.5	0.2	0.5%
61.7%	51.2	51.4	0.2	0.3%
63.0%	51.1	51.4	0.2	0.5%
64.2%	51.1	51.4	0.2	0.5%
65.4%	51.1	51.3	0.2	0.4%
66.7%	51.1	51.3	0.2	0.3%
67.9%	51.1	51.1	0.1	0.2%
69.1%	51.1	51.1	0.1	0.2%
70.4%	51.0	51.1	0.2	0.3%
71.6%	50.9	51.1	0.2	0.4%
72.8%	50.9	51.1	0.2	0.4%
74.1%	50.8	51.1	0.3	0.5%
75.3%	50.8	51.0	0.2	0.5%
76.5%	50.8	50.9	0.1	0.3%
77.8%	50.7	50.8	0.1	0.2%
79.0%	50.7	50.8	0.1	0.2%
80.2%	50.7	50.7	0.0	0.1%
81.5%	50.7	50.7	0.0	0.0%
82.7%	50.6	50.6	0.0	0.0%
84.0%	50.5	50.6	0.2	0.3%
85.2%	50.4	50.6	0.1	0.3%
86.4%	50.4	50.6	0.2	0.3%
87.7%	50.4	50.6	0.2	0.4%
88.9%	50.3	50.5	0.2	0.4%
90.1%	50.2	50.5	0.3	0.6%
91.4%	50.1	50.4	0.3	0.5%
92.6%	50.1	50.4	0.3	0.6%
93.8%	50.0	50.2	0.2	0.4%
95.1%	49.7	50.1	0.5	1.0%
96.3%	49.5	49.8	0.2	0.4%
97.5%	49.5	49.7	0.2	0.3%
98.8%	49.5	49.6	0.1	0.2%
100.0%	49.2	49.4	0.3	0.5%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	63.4	64.5	1.0	1.6%
1.2%	60.8	60.1	-0.7	-1.2%
2.5%	59.3	59.3	0.0	0.0%
3.7%	58.9	58.6	-0.3	-0.5%
4.9%	57.7	57.0	-0.7	-1.2%
6.2%	57.6	55.9	-1.7	-3.0%
7.4%	57.4	55.5	-1.9	-3.4%
8.6%	56.7	55.1	-1.6	-2.8%
9.9%	56.6	54.8	-1.8	-3.1%
11.1%	56.4	54.6	-1.7	-3.1%
12.3%	56.3	54.6	-1.7	-3.1%
13.6%	55.5	54.5	-1.0	-1.7%
14.8%	54.5	54.2	-0.3	-0.6%
16.0%	54.2	54.1	-0.1	-0.3%
17.3%	54.2	53.2	-1.0	-1.8%
18.5%	54.1	53.0	-1.1	-2.0%
19.8%	53.8	52.9	-0.9	-1.7%
21.0%	53.2	52.8	-0.3	-0.6%
22.2%	53.2	52.8	-0.3	-0.6%
23.5%	53.1	52.8	-0.3	-0.6%
24.7%	53.1	52.7	-0.4	-0.7%
25.9%	53.1	52.7	-0.4	-0.7%
27.2%	53.0	52.5	-0.4	-0.8%
28.4%	52.8	52.5	-0.4	-0.7%
29.6%	52.3	52.4	0.1	0.2%
30.9%	52.2	52.4	0.2	0.4%
32.1%	52.1	52.3	0.2	0.5%
33.3%	52.1	52.1	0.0	0.0%
34.6%	52.0	51.8	-0.2	-0.4%
35.8%	51.9	51.7	-0.2	-0.3%
37.0%	51.8	51.6	-0.2	-0.4%
38.3%	51.8	51.6	-0.2	-0.4%
39.5%	51.7	51.5	-0.2	-0.4%
40.7%	51.7	51.4	-0.3	-0.6%
42.0%	51.5	51.3	-0.2	-0.3%
43.2%	51.5	51.3	-0.1	-0.3%
44.4%	51.4	51.2	-0.2	-0.4%
45.7%	51.1	51.2	0.1	0.1%
46.9%	51.1	51.1	0.0	-0.1%
48.1%	51.0	51.0	0.0	0.1%
49.4%	51.0	51.0	0.0	0.0%
50.6%	50.9	50.9	0.0	0.0%
51.9%	50.8	50.8	0.0	0.0%
53.1%	50.8	50.8	0.0	0.1%
54.3%	50.8	50.8	0.1	0.1%
55.6%	50.7	50.8	0.0	0.1%
56.8%	50.7	50.8	0.1	0.1%
58.0%	50.7	50.6	0.0	-0.1%
59.3%	50.7	50.6	0.0	-0.1%
60.5%	50.7	50.6	-0.1	-0.1%
61.7%	50.7	50.5	-0.1	-0.2%
63.0%	50.6	50.5	-0.1	-0.2%
64.2%	50.6	50.5	0.0	-0.1%
65.4%	50.5	50.5	0.0	-0.1%
66.7%	50.5	50.4	0.0	-0.1%
67.9%	50.5	50.4	0.0	-0.1%
69.1%	50.4	50.4	0.0	-0.1%
70.4%	50.4	50.4	0.0	0.0%
71.6%	50.4	50.3	-0.1	-0.1%
72.8%	50.4	50.3	-0.1	-0.2%
74.1%	50.4	50.3	-0.1	-0.1%
75.3%	50.3	50.2	-0.1	-0.3%
76.5%	50.3	50.2	-0.1	-0.3%
77.8%	50.2	50.1	0.0	0.0%
79.0%	50.1	50.0	-0.1	-0.2%
80.2%	50.1	50.0	-0.1	-0.2%
81.5%	50.1	50.0	-0.1	-0.3%
82.7%	50.0	50.0	0.0	-0.1%
84.0%	50.0	50.0	0.0	0.0%
85.2%	50.0	49.9	0.0	-0.1%
86.4%	49.9	49.8	-0.1	-0.2%
87.7%	49.9	49.8	-0.1	-0.2%
88.9%	49.7	49.7	0.0	-0.1%
90.1%	49.6	49.6	0.0	0.0%
91.4%	49.5	49.6	0.0	0.1%
92.6%	49.5	49.5	0.0	-0.1%
93.8%	49.3	49.4	0.1	0.1%
95.1%	49.3	49.1	-0.1	-0.3%
96.3%	49.1	49.1	0.0	0.0%
97.5%	48.9	49.0	0.1	0.2%
98.8%	48.8	49.0	0.2	0.4%
100.0%	48.7	48.7	0.0	0.0%

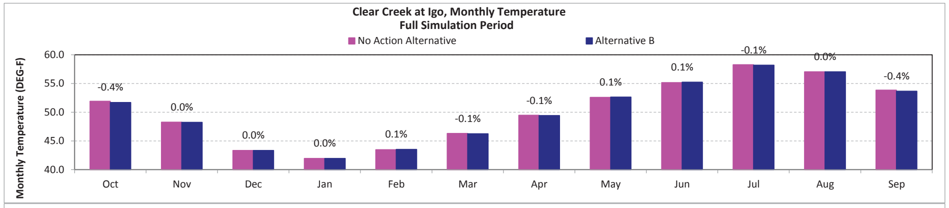
Table SQ-37-5a
Clear Creek at Igo, Monthly Temperature
Long-term Average and Average by Water Year Type

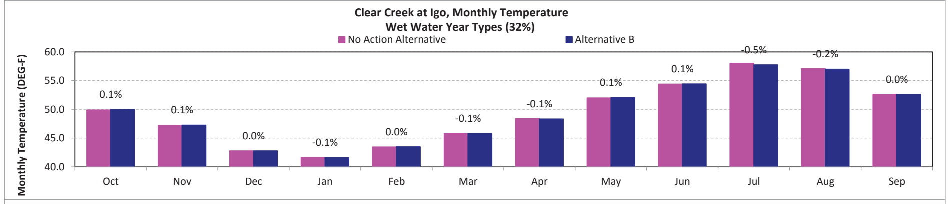
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	51.9	48.3	43.3	41.9	43.5	46.3	49.5	52.6	55.2	58.3	57.0	53.9
Alternative B	51.7	48.2	43.3	42.0	43.5	46.3	49.4	52.6	55.2	58.2	57.0	53.7
Difference	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	-0.1	0.0	-0.2
Percent Difference[3]	-0.4%	0.0%	0.0%	0.0%	0.1%	-0.1%	-0.1%	0.1%	0.1%	-0.1%	0.0%	-0.4%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	49.9	47.2	42.8	41.6	43.5	45.9	48.4	52.0	54.4	58.0	57.1	52.6
Alternative B	50.0	47.2	42.8	41.6	43.5	45.8	48.3	52.0	54.4	57.7	57.0	52.6
Difference	0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	-0.3	-0.1	0.0
Percent Difference	0.1%	0.1%	0.0%	-0.1%	0.0%	-0.1%	-0.1%	0.1%	0.1%	-0.5%	-0.2%	0.0%
Above Normal (15%)												
No Action Alternative	51.3	47.9	43.5	42.3	43.6	46.2	49.0	53.2	56.3	60.1	57.4	53.3
Alternative B	51.0	47.8	43.5	42.2	43.6	46.2	49.1	53.1	56.2	60.0	57.4	53.1
Difference	-0.3	-0.1	0.0	0.0	0.0	0.0	0.1	-0.1	-0.1	-0.1	-0.1	-0.2
Percent Difference	-0.6%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.2%	-0.1%	-0.2%	-0.1%	-0.3%
Below Normal (17%)												
No Action Alternative	52.4	48.4	43.4	41.8	42.9	46.0	49.6	53.2	54.8	58.3	57.1	54.0
Alternative B	52.3	48.5	43.4	41.8	42.9	46.0	49.6	53.3	55.2	58.4	57.3	54.1
Difference	-0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.1	0.1	0.0
Percent Difference	-0.3%	0.2%	0.0%	0.1%	0.1%	0.0%	0.0%	0.1%	0.6%	0.2%	0.2%	0.0%
Dry (22%)												
No Action Alternative	52.0	49.0	43.7	42.0	43.4	46.5	50.7	52.7	55.1	57.7	56.2	53.6
Alternative B	51.8	48.9	43.7	42.1	43.5	46.5	50.5	52.7	55.2	57.6	56.2	53.5
Difference	-0.2	-0.1	0.0	0.1	0.1	-0.1	-0.2	0.1	0.1	-0.1	0.1	-0.2
Percent Difference	-0.3%	-0.1%	-0.1%	0.1%	0.2%	-0.1%	-0.4%	0.2%	0.1%	-0.2%	0.1%	-0.3%
Critical (15%)												
No Action Alternative	56.2	49.7	43.9	42.3	44.2	47.3	50.4	52.5	56.2	57.8	57.6	57.2
Alternative B	55.3	49.6	43.9	42.4	44.3	47.3	50.4	52.6	56.1	58.0	57.8	56.2
Difference	-0.9	-0.2	0.0	0.1	0.0	0.0	0.0	0.1	-0.1	0.2	0.1	-0.9
Percent Difference	-1.5%	-0.4%	0.0%	0.2%	0.1%	0.0%	0.0%	0.3%	-0.2%	0.3%	0.2%	-1.7%

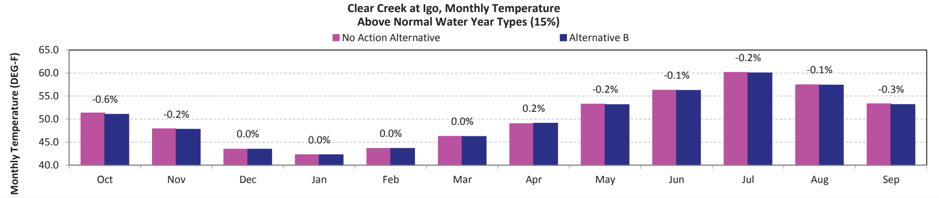
1 Based on the 82-year simulation period

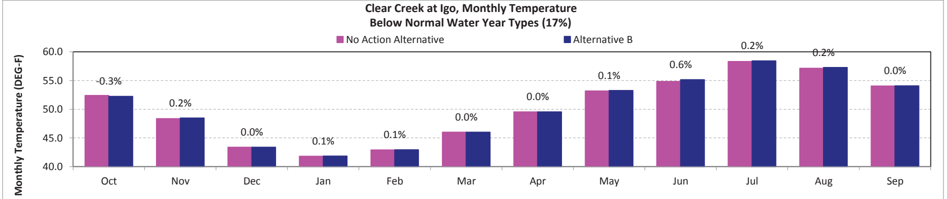
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

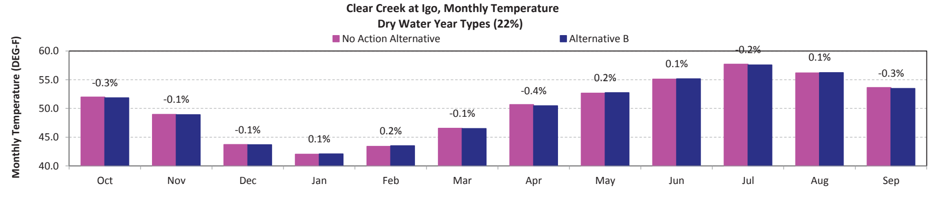
3 Relative difference of the monthly average


Clear Creek at Igo, Monthly Temperature
Full Simulation Period


Clear Creek at Igo, Monthly Temperature
Wet Water Year Types (32%)


Clear Creek at Igo, Monthly Temperature
Above Normal Water Year Types (15%)


Clear Creek at Igo, Monthly Temperature
Below Normal Water Year Types (17%)


Clear Creek at Igo, Monthly Temperature
Dry Water Year Types (22%)

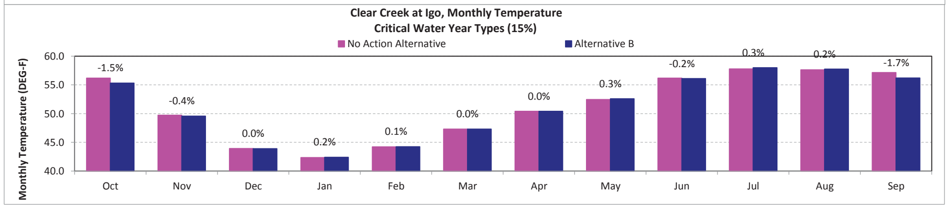

Clear Creek at Igo, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-37-5b
Clear Creek at Igo, Monthly Temperature
Probability of Exceedance

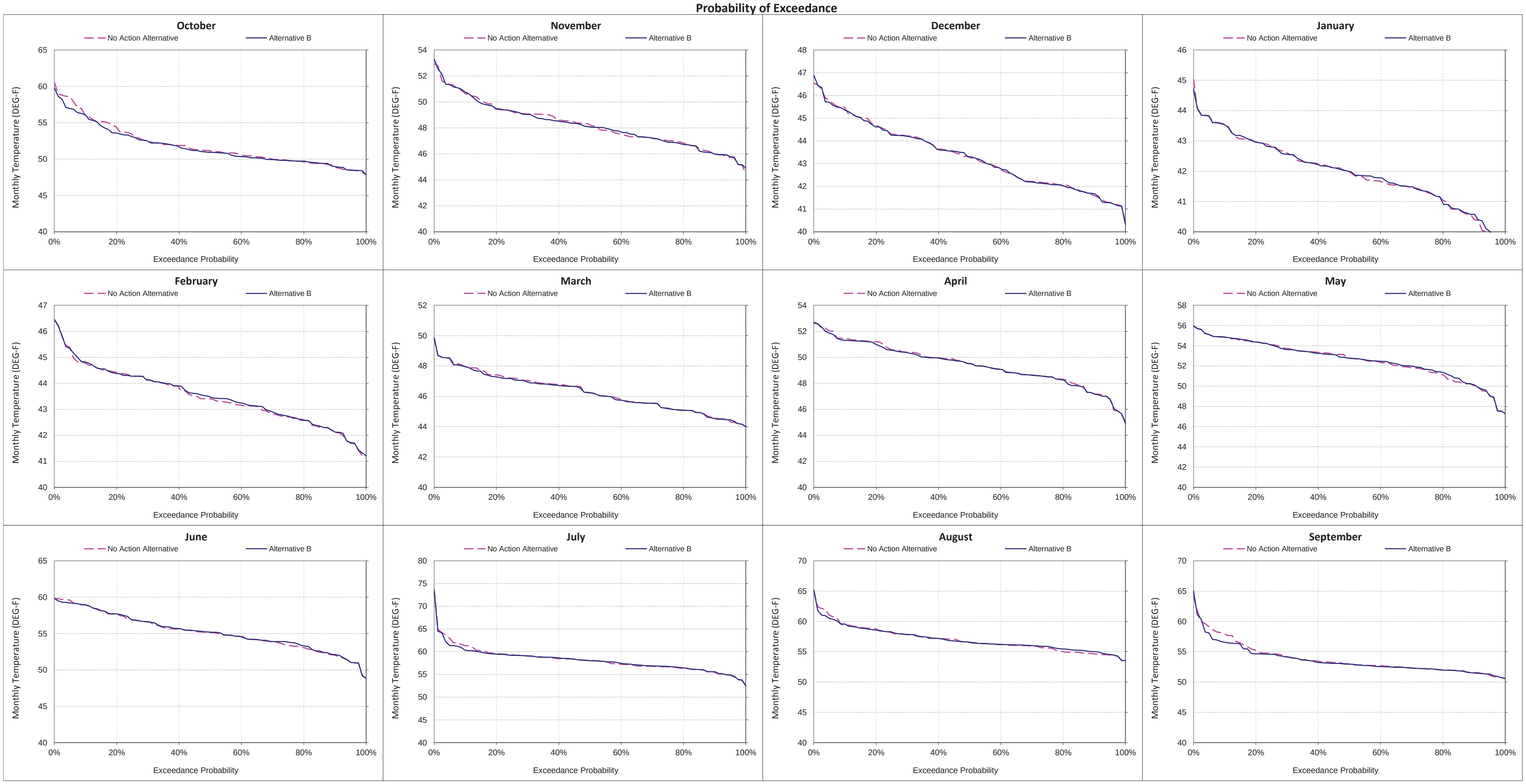


Table SQ-37-5b

Clear Creek at Igo, Monthly Temperature
Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.6	59.8	-0.8	-1.3%
1.2%	58.9	58.6	-0.3	-0.6%
2.5%	58.8	58.2	-0.6	-1.0%
3.7%	58.6	57.1	-1.5	-2.6%
4.9%	58.6	57.0	-1.6	-2.8%
6.2%	57.9	56.9	-1.0	-1.7%
7.4%	57.1	56.4	-0.7	-1.2%
8.6%	57.0	56.3	-0.7	-1.2%
9.9%	56.0	56.1	0.1	0.2%
11.1%	55.8	55.5	-0.4	-0.6%
12.3%	55.4	55.3	-0.1	-0.2%
13.6%	55.1	55.1	0.0	0.0%
14.8%	55.1	54.6	-0.5	-1.0%
16.0%	55.1	54.3	-0.8	-1.5%
17.3%	55.0	54.1	-0.9	-1.6%
18.5%	54.6	53.6	-1.0	-1.9%
19.8%	54.5	53.6	-0.9	-1.6%
21.0%	53.8	53.5	-0.3	-0.5%
22.2%	53.7	53.3	-0.4	-0.8%
23.5%	53.7	53.3	-0.3	-0.6%
24.7%	53.5	53.1	-0.4	-0.7%
25.9%	53.1	53.0	-0.1	-0.2%
27.2%	52.9	52.6	-0.2	-0.4%
28.4%	52.6	52.6	0.0	0.0%
29.6%	52.5	52.6	0.1	0.1%
30.9%	52.4	52.2	-0.1	-0.3%
32.1%	52.2	52.2	0.0	0.0%
33.3%	52.2	52.2	0.0	0.0%
34.6%	52.0	52.2	0.2	0.3%
35.8%	52.0	52.1	0.1	0.2%
37.0%	52.0	52.0	0.0	0.0%
38.3%	51.9	51.9	0.0	0.0%
39.5%	51.9	51.8	-0.1	-0.2%
40.7%	51.9	51.5	-0.4	-0.7%
42.0%	51.9	51.4	-0.4	-0.8%
43.2%	51.5	51.3	-0.2	-0.4%
44.4%	51.3	51.2	-0.2	-0.3%
45.7%	51.3	51.2	-0.1	-0.2%
46.9%	51.2	51.0	-0.2	-0.4%
48.1%	51.2	51.0	-0.2	-0.4%
49.4%	51.2	50.9	-0.2	-0.5%
50.6%	51.1	50.9	-0.2	-0.3%
51.9%	51.0	50.9	-0.1	-0.2%
53.1%	51.0	50.9	-0.2	-0.3%
54.3%	50.9	50.8	0.0	-0.1%
55.6%	50.8	50.8	-0.1	-0.1%
56.8%	50.8	50.5	-0.3	-0.6%
58.0%	50.8	50.4	-0.4	-0.8%
59.3%	50.6	50.4	-0.3	-0.5%
60.5%	50.5	50.3	-0.1	-0.3%
61.7%	50.5	50.3	-0.2	-0.4%
63.0%	50.4	50.2	-0.3	-0.5%
64.2%	50.4	50.2	-0.2	-0.3%
65.4%	50.3	50.2	-0.2	-0.3%
66.7%	50.3	50.1	-0.2	-0.3%
67.9%	50.2	50.0	-0.2	-0.5%
69.1%	50.1	49.9	-0.1	-0.3%
70.4%	49.9	49.9	0.0	0.0%
71.6%	49.9	49.9	-0.1	-0.1%
72.8%	49.9	49.8	-0.1	-0.1%
74.1%	49.9	49.8	0.0	-0.1%
75.3%	49.8	49.8	0.0	0.1%
76.5%	49.7	49.7	0.0	0.0%
77.8%	49.7	49.7	0.0	0.0%
79.0%	49.7	49.7	0.0	0.1%
80.2%	49.6	49.7	0.1	0.3%
81.5%	49.5	49.6	0.1	0.2%
82.7%	49.4	49.5	0.1	0.3%
84.0%	49.4	49.5	0.1	0.2%
85.2%	49.4	49.4	0.0	0.1%
86.4%	49.4	49.4	0.0	0.0%
87.7%	49.2	49.4	0.2	0.3%
88.9%	49.2	49.0	-0.2	-0.4%
90.1%	48.9	49.0	0.1	0.2%
91.4%	48.8	48.9	0.1	0.2%
92.6%	48.6	48.9	0.3	0.6%
93.8%	48.5	48.5	0.0	0.0%
95.1%	48.5	48.5	0.0	-0.1%
96.3%	48.4	48.4	0.0	0.0%
97.5%	48.4	48.4	0.0	0.1%
98.8%	48.2	48.4	0.2	0.4%
100.0%	47.8	47.8	0.0	0.0%

November				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.0	53.3	0.3	0.7%
1.2%	52.8	52.6	-0.2	-0.4%
2.5%	51.6	52.2	0.5	1.0%
3.7%	51.4	51.4	0.0	-0.1%
4.9%	51.3	51.3	0.0	0.0%
6.2%	51.3	51.2	-0.1	-0.3%
7.4%	51.0	51.1	0.1	0.1%
8.6%	50.9	51.0	0.1	0.1%
9.9%	50.7	50.8	0.1	0.2%
11.1%	50.5	50.6	0.1	0.2%
12.3%	50.5	50.4	-0.1	-0.1%
13.6%	50.4	50.1	-0.3	-0.6%
14.8%	50.1	49.9	-0.2	-0.4%
16.0%	50.0	49.8	-0.2	-0.3%
17.3%	49.9	49.8	-0.1	-0.2%
18.5%	49.8	49.7	-0.1	-0.3%
19.8%	49.4	49.5	0.1	0.1%
21.0%	49.4	49.5	0.1	0.1%
22.2%	49.4	49.4	0.0	0.0%
23.5%	49.4	49.4	0.0	0.0%
24.7%	49.3	49.3	0.0	0.1%
25.9%	49.2	49.3	0.1	0.2%
27.2%	49.1	49.2	0.0	0.1%
28.4%	49.1	49.1	0.0	-0.1%
29.6%	49.1	49.0	0.0	-0.1%
30.9%	49.1	49.0	0.0	-0.1%
32.1%	49.1	48.9	-0.2	-0.4%
33.3%	49.1	48.7	-0.3	-0.6%
34.6%	49.0	48.7	-0.3	-0.7%
35.8%	49.0	48.6	-0.4	-0.8%
37.0%	49.0	48.6	-0.3	-0.7%
38.3%	48.9	48.6	-0.3	-0.7%
39.5%	48.6	48.5	0.0	-0.1%
40.7%	48.6	48.5	-0.1	-0.2%
42.0%	48.5	48.5	-0.1	-0.2%
43.2%	48.5	48.4	-0.1	-0.3%
44.4%	48.5	48.4	-0.1	-0.3%
45.7%	48.4	48.3	0.0	-0.1%
46.9%	48.4	48.3	-0.1	-0.2%
48.1%	48.4	48.1	-0.2	-0.4%
49.4%	48.3	48.1	-0.2	-0.5%
50.6%	48.2	48.1	-0.1	-0.2%
51.9%	48.1	48.0	-0.1	-0.2%
53.1%	47.9	48.0	0.2	0.3%
54.3%	47.8	48.0	0.2	0.4%
55.6%	47.8	47.9	0.1	0.3%
56.8%	47.8	47.9	0.1	0.2%
58.0%	47.6	47.8	0.2	0.3%
59.3%	47.6	47.8	0.2	0.4%
60.5%	47.5	47.6	0.2	0.3%
61.7%	47.4	47.6	0.2	0.5%
63.0%	47.3	47.5	0.2	0.4%
64.2%	47.3	47.5	0.2	0.4%
65.4%	47.3	47.3	0.0	0.0%
66.7%	47.3	47.3	0.0	0.0%
67.9%	47.3	47.3	0.0	0.0%
69.1%	47.3	47.3	0.0	0.0%
70.4%	47.2	47.2	0.0	0.1%
71.6%	47.2	47.2	0.0	0.0%
72.8%	47.1	47.1	0.0	-0.1%
74.1%	47.1	47.0	-0.1	-0.2%
75.3%	47.0	46.9	-0.1	-0.3%
76.5%	47.0	46.9	-0.1	-0.3%
77.8%	47.0	46.9	-0.1	-0.2%
79.0%	46.9	46.8	-0.1	-0.3%
80.2%	46.8	46.7	-0.1	-0.2%
81.5%	46.6	46.7	0.1	0.1%
82.7%	46.6	46.6	0.0	0.0%
84.0%	46.6	46.6	0.0	0.0%
85.2%	46.4	46.2	-0.2	-0.4%
86.4%	46.3	46.1	-0.1	-0.3%
87.7%	46.2	46.1	-0.1	-0.2%
88.9%	46.1	46.1	0.0	0.0%
90.1%	46.0	46.0	0.0	-0.1%
91.4%	45.9	46.0	0.0	0.0%
92.6%	45.9	45.9	0.0	0.1%
93.8%	45.8	45.9	0.2	0.3%
95.1%	45.7	45.8	0.0	0.1%
96.3%	45.7	45.7	0.0	0.1%
97.5%	45.2	45.2	0.0	0.0%
98.8%	45.2	45.2	0.0	0.0%
100.0%	44.5	44.9	0.4	0.9%

December				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	46.5	46.9	0.3	0.7%
1.2%	46.5	46.4	0.0	0.0%
2.5%	46.3	46.4	0.1	0.2%
3.7%	45.9	45.7	-0.2	-0.4%
4.9%	45.8	45.7	-0.1	-0.2%
6.2%	45.6	45.6	-0.1	-0.2%
7.4%	45.5	45.5	0.0	-0.1%
8.6%	45.5	45.5	0.0	-0.1%
9.9%	45.5	45.4	-0.1	-0.3%
11.1%	45.2	45.3	0.1	0.2%
12.3%	45.2	45.2	0.0	0.1%
13.6%	45.1	45.1	0.0	0.0%
14.8%	45.0	45.0	0.0	0.0%
16.0%	45.0	44.9	-0.1	-0.3%
17.3%	45.0	44.9	-0.1	-0.3%
18.5%	44.8	44.7	0.0	-0.1%
19.8%	44.7	44.6	-0.1	-0.2%
21.0%	44.6	44.6	0.0	0.0%
22.2%	44.6	44.5	-0.1	-0.2%
23.5%	44.5	44.5	0.0	0.0%
24.7%	44.3	44.3	0.0	-0.1%
25.9%	44.3	44.2	0.0	-0.1%
27.2%	44.3	44.2	0.0	-0.1%
28.4%	44.3	44.2	0.0	-0.1%
29.6%	44.2	44.2	0.0	0.0%
30.9%	44.2	44.2	0.0	-0.1%
32.1%	44.2	44.2	0.0	-0.1%
33.3%	44.1	44.1	-0.1	-0.1%
34.6%	44.1	44.1	0.0	0.0%
35.8%	44.0	44.0	0.0	0.0%
37.0%	43.9	43.9	0.0	0.0%
38.3%	43.8	43.8	0.0	0.0%
39.5%	43.6	43.6	0.0	0.0%
40.7%	43.6	43.6	0.0	-0.1%
42.0%	43.6	43.6	0.0	-0.1%
43.2%	43.6	43.6	0.0	0.0%
44.4%	43.5	43.6	0.0	0.1%
45.7%	43.5	43.5	0.1	0.2%
46.9%	43.4	43.5	0.1	0.2%
48.1%	43.3	43.5	0.2	0.4%
49.4%	43.3	43.3	0.0	0.0%
50.6%	43.2	43.3	0.1	0.1%
51.9%	43.2	43.2	0.0	0.0%
53.1%	43.1	43.2	0.1	0.2%
54.3%	43.0	43.1	0.1	0.1%
55.6%	43.0	43.0	0.0	0.0%
56.8%	43.0	43.0	0.0	0.0%
58.0%	42.9	42.8	-0.1	-0.2%
59.3%	42.8	42.8	0.0	0.0%
60.5%	42.7	42.7	0.0	0.1%
61.7%	42.6	42.7	0.1	0.2%
63.0%	42.6	42.6	0.0	0.1%
64.2%	42.5	42.5	0.0	0.0%
65.4%	42.4	42.4	0.0	0.0%
66.7%	42.3	42.3	0.0	0.0%
67.9%	42.2	42.2	0.0	-0.1%
69.1%	42.2	42.2	0.0	0.0%
70.4%	42.2	42.2	0.0	-0.1%
71.6%	42.2	42.2	0.0	-0.1%
72.8%	42.2	42.1	0.0	-0.1%
74.1%	42.2	42.1	0.0	-0.1%
75.3%	42.1	42.1	0.0	-0.1%
76.5%	42.1	42.1	-0.1	-0.2%
77.8%	42.1	42.1	0.0	-0.1%
79.0%	42.1	42.1	0.0	0.0%
80.2%	42.1	42.0	0.0	-0.1%
81.5%	42.0	42.0	-0.1	-0.2%
82.7%	41.9	41.9	0.0	0.0%
84.0%	41.9	41.9	-0.1	-0.1%
85.2%	41.8	41.8	0.0	0.1%
86.4%	41.8	41.8	0.0	0.0%
87.7%	41.7	41.7	0.0	0.0%
88.9%	41.7	41.7	0.0	0.1%
90.1%	41.6	41.7	0.1	0.2%
91.4%	41.5	41.6	0.0	0.1%
92.6%	41.4	41.3	-0.1	-0.2%
93.8%	41.3	41.3	0.0	0.0%
95.1%	41.3	41.3	0.0	0.0%
96.3%	41.2	41.2	0.0	0.0%
97.5%	41.2	41.1	0.0	-0.1%
98.8%	41.1	41.1	0.0	0.0%
100.0%	40.3	40.3	0.0	0.0%

January				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	45.0	44.7	-0.3	-0.7%
1.2%	44.1	44.1	0.0	0.0%
2.5%	43.9	43.8	0.0	-0.1%
3.7%	43.9	43.8	0.0	0.0%
4.9%	43.8	43.8	0.0	0.0%
6.2%	43.6	43.6	0.0	-0.1%
7.4%	43.6	43.6	0.0	0.0%
8.6%	43.6	43.6	0.0	0.0%
9.9%	43.5	43.5	0.0	0.0%
11.1%	43.5	43.4	0.0	-0.1%
12.3%	43.3	43.3	0.0	0.0%
13.6%	43.1	43.2	0.1	0.1%
14.8%	43.1	43.2	0.1	0.2%
16.0%	43.1	43.1	0.1	0.2%
17.3%	43.0	43.1	0.0	0.0%
18.5%	43.0	43.0	0.0	0.1%
19.8%	43.0	43.0	0.0	0.0%
21.0%	42.9	42.9	0.0	0.0%
22.2%	42.9	42.9	0.0	0.0%
23.5%	42.9	42.8	-0.1	-0.2%
24.7%	42.8	42.8	0.0	0.0%
25.9%	42.8	42.8	0.0	-0.1%
27.2%	42.7	42.7	0.0	0.0%
28.4%	42.7	42.6	-0.1	-0.2%
29.6%	42.6	42.6	-0.1	-0.2%
30.9%	42.6	42.5	0.0	0.0%
32.1%	42.5	42.5	0.0	0.0%
33.3%	42.4	42.4	0.1	0.1%
34.6%	42.3	42.4	0.0	0.1%
35.8%	42.3	42.3	0.0	0.0%
37.0%	42.3	42.3	0.0	0.0%
38.3%	42.3	42.3	0.0	0.0%
39.5%	42.2	42.3	0.0	0.1%
40.7%	42.2	42.2	0.0	-0.1%
42.0%	42.2	42.2	0.0	-0.1%
43.2%	42.2	42.2	0.0	0.0%
44.4%	42.1	42.1	0.0	0.0%
45.7%	42.1	42.1	0.0	0.0%
46.9%	42.1	42.1	0.0	-0.1%
48.1%	42.0	42.0	0.0	0.0%
49.4%	42.0	42.0	0.0	0.0%
50.6%	41.9	42.0	0.0	0.1%
51.9%	41.8	41.9	0.0	0.1%
53.1%	41.8	41.9	0.0	0.1%
54.3%	41.8	41.8	0.0	0.1%
55.6%	41.7	41.8	0.1	0.3%
56.8%	41.7	41.8	0.1	0.3%
58.0%	41.7	41.8	0.1	0.2%
59.3%	41.7	41.8	0.1	0.3%
60.5%	41.6	41.8	0.1	0.3%
61.7%	41.6	41.7	0.1	0.2%
63.0%	41.6	41.6	0.1	0.1%
64.2%	41.5	41.6	0.1	0.1%
65.4%	41.5	41.6	0.0	0.0%
66.7%	41.5	41.5	0.0	0.0%
67.9%	41.5	41.5	0.0	0.0%
69.1%	41.5	41.5	0.0	0.0%
70.4%	41.4	41.5	0.0	0.1%
71.6%	41.4	41.4	0.0	-0.1%
72.8%	41.4	41.4	0.0	0.0%
74.1%	41.3	41.3	0.0	0.1%
75.3%	41.3	41.3	0.0	0.1%
76.5%	41.2	41.2	0.0	0.0%
77.8%	41.2	41.2	0.0	0.0%
79.0%	41.2	41.2	0.0	0.0%
80.2%	41.0	40.9	-0.1	-0.3%
81.5%	41.0	40.9	-0.1	-0.2%
82.7%	40.7	40.8	0.0	0.1%
84.0%	40.7	40.8	0.0	0.0%
85.2%	40.7	40.7	0.0	0.1%
86.4%	40.6	40.7	0.0	0.1%
87.7%	40.6	40.6	0.0	0.1%
88.9%	40.6	40.6	0.0	0.0%
90.1%	40.4	40.6	0.2	0.4%
91.4%	40.4	40.4	0.0	0.0%
92.6%	40.0	40.4	0.3	0.8%
93.8%	40.0	40.1	0.1	0.2%
95.1%	39.9	40.0	0.1	0.2%
96.3%	39.9	39.7	-0.1	-0.4%
97.5%	39.7	39.7	0.0	0.1%
98.8%	39.4	39.3	-0.1	-0.2%
100.0%	38.6	38.6	0.0	0.1%

Table SQ-37-5b

Clear Creek at Igo, Monthly Temperature
Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	46.4	46.5	0.0	0.1%
1.2%	46.2	46.2	0.0	-0.1%
2.5%	45.8	45.8	0.0	0.0%
3.7%	45.5	45.4	-0.1	-0.1%
4.9%	45.4	45.3	0.0	-0.1%
6.2%	45.0	45.2	0.2	0.4%
7.4%	44.8	45.0	0.2	0.4%
8.6%	44.8	44.8	0.0	0.0%
9.9%	44.8	44.8	0.0	0.1%
11.1%	44.7	44.8	0.1	0.2%
12.3%	44.7	44.7	0.0	0.1%
13.6%	44.6	44.6	0.0	0.0%
14.8%	44.6	44.6	0.0	0.0%
16.0%	44.5	44.5	0.1	0.1%
17.3%	44.5	44.5	0.0	0.0%
18.5%	44.5	44.4	0.0	-0.1%
19.8%	44.4	44.4	0.0	-0.1%
21.0%	44.4	44.4	0.0	-0.1%
22.2%	44.4	44.3	-0.1	-0.1%
23.5%	44.3	44.3	0.0	-0.1%
24.7%	44.3	44.3	0.0	0.0%
25.9%	44.3	44.3	0.0	0.0%
27.2%	44.3	44.3	0.0	0.0%
28.4%	44.3	44.3	0.0	0.0%
29.6%	44.2	44.1	0.0	-0.1%
30.9%	44.1	44.1	0.0	0.0%
32.1%	44.1	44.1	0.0	0.0%
33.3%	44.0	44.1	0.0	0.0%
34.6%	44.0	44.0	0.0	0.0%
35.8%	44.0	44.0	0.0	0.0%
37.0%	43.9	44.0	0.1	0.2%
38.3%	43.9	43.9	0.0	0.0%
39.5%	43.9	43.9	0.0	0.0%
40.7%	43.7	43.9	0.2	0.4%
42.0%	43.7	43.7	0.0	0.1%
43.2%	43.6	43.6	0.1	0.2%
44.4%	43.5	43.6	0.1	0.2%
45.7%	43.5	43.6	0.1	0.2%
46.9%	43.4	43.6	0.1	0.3%
48.1%	43.4	43.5	0.1	0.3%
49.4%	43.4	43.5	0.1	0.2%
50.6%	43.4	43.4	0.0	0.1%
51.9%	43.3	43.4	0.1	0.2%
53.1%	43.3	43.4	0.1	0.3%
54.3%	43.3	43.4	0.1	0.3%
55.6%	43.3	43.4	0.1	0.3%
56.8%	43.2	43.4	0.1	0.3%
58.0%	43.2	43.3	0.1	0.3%
59.3%	43.2	43.3	0.1	0.2%
60.5%	43.1	43.2	0.1	0.2%
61.7%	43.1	43.2	0.0	0.1%
63.0%	43.1	43.1	0.0	0.0%
64.2%	43.1	43.1	0.0	0.0%
65.4%	43.1	43.1	0.0	0.0%
66.7%	43.0	43.1	0.1	0.3%
67.9%	42.9	43.0	0.0	0.1%
69.1%	42.9	42.9	0.1	0.2%
70.4%	42.8	42.9	0.1	0.1%
71.6%	42.8	42.8	0.0	0.1%
72.8%	42.7	42.8	0.0	0.1%
74.1%	42.7	42.8	0.0	0.1%
75.3%	42.7	42.7	0.0	0.1%
76.5%	42.7	42.7	0.0	-0.1%
77.8%	42.7	42.7	0.0	0.0%
79.0%	42.6	42.6	0.0	-0.1%
80.2%	42.6	42.6	0.0	0.0%
81.5%	42.6	42.6	0.0	0.0%
82.7%	42.4	42.4	0.0	0.1%
84.0%	42.4	42.4	0.0	0.0%
85.2%	42.3	42.4	0.1	0.1%
86.4%	42.3	42.3	0.0	0.0%
87.7%	42.3	42.3	0.0	0.0%
88.9%	42.2	42.2	0.0	0.0%
90.1%	42.1	42.1	0.0	0.0%
91.4%	42.1	42.1	0.0	0.1%
92.6%	42.0	42.1	0.1	0.2%
93.8%	41.8	41.8	0.0	0.0%
95.1%	41.7	41.7	0.0	0.1%
96.3%	41.7	41.7	0.0	0.0%
97.5%	41.4	41.4	0.0	0.0%
98.8%	41.2	41.3	0.1	0.3%
100.0%	41.2	41.2	0.0	0.1%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	49.8	49.8	0.0	0.0%
1.2%	48.7	48.7	0.0	0.0%
2.5%	48.6	48.6	0.0	0.0%
3.7%	48.5	48.5	0.0	0.0%
4.9%	48.5	48.5	0.0	-0.1%
6.2%	48.2	48.1	-0.1	-0.3%
7.4%	48.2	48.1	-0.1	-0.2%
8.6%	48.1	48.0	0.0	-0.1%
9.9%	48.0	48.0	0.0	0.0%
11.1%	47.9	47.9	0.0	0.0%
12.3%	47.9	47.8	-0.1	-0.2%
13.6%	47.9	47.7	-0.2	-0.4%
14.8%	47.7	47.7	0.0	-0.1%
16.0%	47.7	47.4	-0.2	-0.5%
17.3%	47.4	47.4	0.0	-0.1%
18.5%	47.4	47.3	-0.1	-0.2%
19.8%	47.4	47.3	-0.1	-0.3%
21.0%	47.4	47.2	-0.2	-0.3%
22.2%	47.3	47.2	-0.1	-0.2%
23.5%	47.2	47.2	-0.1	-0.1%
24.7%	47.2	47.2	0.0	-0.1%
25.9%	47.2	47.1	-0.1	-0.2%
27.2%	47.2	47.1	-0.1	-0.2%
28.4%	47.1	47.1	0.0	0.0%
29.6%	47.1	47.0	-0.1	-0.2%
30.9%	47.0	46.9	-0.1	-0.3%
32.1%	47.0	46.9	-0.1	-0.2%
33.3%	46.9	46.8	-0.1	-0.1%
34.6%	46.9	46.8	0.0	-0.1%
35.8%	46.8	46.8	0.0	-0.1%
37.0%	46.8	46.8	0.0	-0.1%
38.3%	46.8	46.7	-0.1	-0.1%
39.5%	46.8	46.7	-0.1	-0.1%
40.7%	46.8	46.7	-0.1	-0.2%
42.0%	46.7	46.7	-0.1	-0.1%
43.2%	46.7	46.7	0.0	0.0%
44.4%	46.7	46.7	0.0	0.0%
45.7%	46.7	46.6	0.0	0.0%
46.9%	46.7	46.5	-0.1	-0.2%
48.1%	46.3	46.3	0.0	0.0%
49.4%	46.3	46.3	0.0	0.0%
50.6%	46.2	46.2	0.0	0.0%
51.9%	46.2	46.2	0.0	0.0%
53.1%	46.0	46.0	0.0	0.0%
54.3%	46.0	46.0	0.0	0.0%
55.6%	46.0	46.0	0.0	0.0%
56.8%	46.0	46.0	0.0	0.0%
58.0%	45.9	45.8	-0.1	-0.3%
59.3%	45.9	45.7	-0.1	-0.2%
60.5%	45.7	45.7	0.0	0.0%
61.7%	45.7	45.7	0.0	-0.1%
63.0%	45.6	45.6	0.0	0.0%
64.2%	45.6	45.6	0.0	-0.1%
65.4%	45.6	45.6	0.0	0.0%
66.7%	45.6	45.6	0.0	0.0%
67.9%	45.5	45.5	0.0	0.0%
69.1%	45.5	45.5	0.0	0.0%
70.4%	45.5	45.5	0.0	0.0%
71.6%	45.5	45.5	0.0	0.0%
72.8%	45.3	45.2	0.0	0.0%
74.1%	45.2	45.2	0.0	0.0%
75.3%	45.2	45.2	0.0	-0.1%
76.5%	45.1	45.1	0.0	0.0%
77.8%	45.1	45.1	0.0	0.0%
79.0%	45.1	45.1	0.0	0.1%
80.2%	45.1	45.1	0.0	0.0%
81.5%	45.1	45.1	0.0	0.0%
82.7%	45.1	45.1	0.0	0.0%
84.0%	44.9	44.9	0.0	0.0%
85.2%	44.9	44.9	0.0	0.0%
86.4%	44.9	44.9	0.0	0.0%
87.7%	44.7	44.6	-0.1	-0.2%
88.9%	44.6	44.6	0.0	-0.1%
90.1%	44.6	44.5	-0.1	-0.1%
91.4%	44.5	44.5	0.0	-0.1%
92.6%	44.5	44.5	0.0	-0.1%
93.8%	44.5	44.5	0.0	-0.1%
95.1%	44.3	44.5	0.1	0.3%
96.3%	44.3	44.3	0.1	0.2%
97.5%	44.2	44.2	0.0	0.0%
98.8%	44.2	44.2	0.0	0.0%
100.0%	44.0	44.0	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	52.6	52.7	0.1	0.2%
1.2%	52.6	52.6	0.0	0.0%
2.5%	52.3	52.3	0.1	0.1%
3.7%	52.2	52.0	-0.2	-0.4%
4.9%	52.0	51.9	-0.2	-0.3%
6.2%	52.0	51.8	-0.2	-0.5%
7.4%	51.5	51.5	0.0	0.0%
8.6%	51.5	51.3	-0.1	-0.3%
9.9%	51.5	51.3	-0.1	-0.2%
11.1%	51.4	51.3	-0.1	-0.3%
12.3%	51.3	51.3	-0.1	-0.1%
13.6%	51.3	51.3	-0.1	-0.1%
14.8%	51.3	51.2	0.0	-0.1%
16.0%	51.3	51.2	0.0	-0.1%
17.3%	51.2	51.2	0.0	-0.1%
18.5%	51.2	51.2	0.0	0.0%
19.8%	51.2	51.0	-0.2	-0.3%
21.0%	51.2	50.9	-0.3	-0.6%
22.2%	51.0	50.8	-0.2	-0.5%
23.5%	50.8	50.6	-0.2	-0.4%
24.7%	50.6	50.6	0.0	-0.1%
25.9%	50.6	50.5	-0.1	-0.1%
27.2%	50.6	50.4	-0.1	-0.2%
28.4%	50.4	50.4	0.0	0.0%
29.6%	50.4	50.4	0.0	0.0%
30.9%	50.4	50.3	-0.1	-0.1%
32.1%	50.4	50.3	-0.1	-0.2%
33.3%	50.3	50.2	-0.1	-0.3%
34.6%	50.2	50.0	-0.1	-0.3%
35.8%	50.0	50.0	0.0	0.0%
37.0%	50.0	50.0	0.0	-0.1%
38.3%	50.0	50.0	0.0	0.0%
39.5%	50.0	50.0	0.0	0.0%
40.7%	50.0	49.9	-0.1	-0.1%
42.0%	49.9	49.9	0.0	-0.1%
43.2%	49.9	49.8	-0.1	-0.2%
44.4%	49.9	49.8	-0.1	-0.2%
45.7%	49.8	49.7	-0.1	-0.1%
46.9%	49.7	49.7	0.0	0.0%
48.1%	49.6	49.6	0.0	0.0%
49.4%	49.5	49.5	0.0	0.0%
50.6%	49.5	49.5	0.0	0.0%
51.9%	49.4	49.3	-0.1	-0.2%
53.1%	49.3	49.3	0.0	0.0%
54.3%	49.3	49.3	0.0	0.0%
55.6%	49.3	49.3	0.0	0.0%
56.8%	49.2	49.2	0.0	0.0%
58.0%	49.1	49.1	0.0	0.0%
59.3%	49.1	49.1	0.0	0.0%
60.5%	49.1	49.1	0.0	0.0%
61.7%	48.9	48.8	0.0	-0.1%
63.0%	48.8	48.8	0.0	0.0%
64.2%	48.8	48.8	0.0	0.0%
65.4%	48.8	48.8	0.0	0.0%
66.7%	48.7	48.7	0.0	0.0%
67.9%	48.7	48.7	0.0	0.0%
69.1%	48.6	48.7	0.0	0.0%
70.4%	48.6	48.6	0.0	0.1%
71.6%	48.6	48.6	0.0	0.0%
72.8%	48.6	48.6	0.0	-0.1%
74.1%	48.5	48.5	0.0	0.0%
75.3%	48.5	48.5	0.0	0.0%
76.5%	48.5	48.5	0.0	0.0%
77.8%	48.4	48.3	0.0	0.0%
79.0%	48.3	48.3	0.0	-0.1%
80.2%	48.3	48.3	0.0	-0.1%
81.5%	48.2	47.9	-0.3	-0.5%
82.7%	48.0	47.8	-0.2	-0.4%
84.0%	47.9	47.8	-0.1	-0.2%
85.2%	47.8	47.8	-0.1	-0.1%
86.4%	47.8	47.7	-0.1	-0.2%
87.7%	47.3	47.3	0.0	0.0%
88.9%	47.3	47.3	0.0	0.0%
90.1%	47.2	47.2	0.0	0.0%
91.4%	47.2	47.1	-0.1	-0.1%
92.6%	47.1	47.0	-0.1	-0.2%
93.8%	47.0	47.0	0.0	0.0%
95.1%	46.8	46.8	0.0	0.0%
96.3%	45.9	46.0	0.1	0.3%
97.5%	45.9	45.9	0.0	0.0%
98.8%	45.7	45.7	0.0	0.0%
100.0%	44.9	44.9	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.0	56.0	0.0	0.0%
1.2%	55.7	55.7	0.0	0.0%
2.5%	55.6	55.6	0.0	0.0%
3.7%	55.2	55.2	0.0	0.0%
4.9%	55.1	55.1	0.0	0.0%
6.2%	54.9	54.9	0.0	0.0%
7.4%	54.9	54.9	0.0	0.0%
8.6%	54.9	54.9	0.0	0.1%
9.9%	54.9	54.9	0.0	0.1%
11.1%	54.7	54.8	0.1	0.2%
12.3%	54.7	54.8	0.1	0.1%
13.6%	54.7	54.7	0.0	0.0%
14.8%	54.5	54.7	0.1	0.2%
16.0%	54.5	54.6	0.1	0.2%
17.3%	54.5	54.6	0.1	0.1%
18.5%	54.5	54.4	-0.1	-0.1%
19.8%	54.4	54.4	0.0	0.0%
21.0%	54.3	54.4	0.0	0.0%
22.2%	54.3	54.3	0.0	0.0%
23.5%	54.2	54.2	0.0	-0.1%
24.7%	54.1	54.1	0.0	0.0%
25.9%	54.1	54.0	-0.1	-0.2%
27.2%	54.0	53.9	-0.1	-0.2%
28.4%	53.9	53.7	-0.1	-0.2%
29.6%	53.7	53.6	-0.1	-0.2%
30.9%	53.7	53.6	-0.1	-0.2%
32.1%	53.6	53.6	0.0	0.0%
33.3%	53.5	53.5	0.0	0.0%
34.6%	53.5	53.5	0.0	0.0%
35.8%	53.4	53.4	0.0	0.0%
37.0%	53.4	53.4	0.0	0.0%
38.3%	53.4	53.3	-0.1	-0.1%
39.5%	53.4	53.3	-0.1	-0.2%
40.7%	53.3	53.2	-0.1	-0.1%
42.0%	53.3	53.2	-0.1	-0.2%
43.2%	53.3	53.2	-0.1	-0.2%
44.4%	53.2	53.2	0.0	0.0%
45.7%	53.2	53.1	-0.1	-0.1%
46.9%	53.1	52.9	-0.3	-0.6%
48.1%	53.1	52.9	-0.3	-0.5%
49.4%	52.8	52.8	0.0	0.0%
50.6%	52.8	52.8	0.0	0.0%
51.9%	52.7	52.7	0.0	0.0%
53.1%	52.7	52.7	0.0	0.0%
54.3%	52.7	52.6	0.0	-0.1%
55.6%	52.5	52.6	0.1	0.1%
56.8%	52.5	52.5	0.1	0.1%
58.0%	52.5	52.5	0.1	0.1%
59.3%	52.4	52.5	0.0	0.1%
60.5%	52.3	52.5	0.1	0.3%
61.7%	52.3	52.5	0.1	0.3%
63.0%	52.2	52.3	0.1	0.1%
64.2%	52.1	52.3	0.2	0.4%
65.4%	52.0	52.2	0.2	0.3%
66.7%	51.9	52.1	0.1	0.2%
67.9%	51.9	52.0	0.1	0.2%
69.1%	51.9	52.0	0.1	0.2%
70.4%	51.8	52.0	0.2	0.4%
71.6%	51.8	51.9	0.1	0.2%
72.8%	51.7	51.9	0.1	0.2%
74.1%	51.6	51.7	0.0	0.1%
75.3%	51.5	51.7	0.2	0.4%
76.5%	51.3	51.6	0.3	0.5%
77.8%	51.3	51.5	0.1	0.2%
79.0%	51.2	51.4	0.3	0.5%
80.2%	51.1	51.3	0.2	0.4%
81.5%	50.7	51.2	0.5	0.9%
82.7%	50.7	51.0	0.3	0.7%
84.0%	50.4	50.8	0.4	0.7%
85.2%	50.4	50.8	0.4	0.7%
86.4%	50.3	50.4	0.2	0.3%
87.7%	50.2	50.3	0.0	0.1%
88.9%	50.2	50.2	0.0	0.0%
90.1%	50.0	50.1	0.1	0.2%
91.4%	49.9	49.9	0.0	0.0%
92.6%	49.6	49.7	0.2	0.3%
93.8%	49.5	49.6	0.1	0.2%
95.1%	49.0	49.0	0.0	0.0%
96.3%	48.9	48.9	0.1	0.2%
97.5%	47.6	47.5	0.0	0.0%
98.8%	47.5	47.5	0.0	0.1%
100.0%	47.3	47.3	0.0	0.0%

Table SQ-37-5b

Clear Creek at Igo, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.8	59.8	0.0	-0.1%
1.2%	59.8	59.5	-0.3	-0.5%
2.5%	59.7	59.3	-0.4	-0.6%
3.7%	59.7	59.3	-0.4	-0.7%
4.9%	59.6	59.2	-0.4	-0.7%
6.2%	59.2	59.2	0.0	0.0%
7.4%	59.1	59.1	0.0	0.0%
8.6%	59.0	59.0	0.0	-0.1%
9.9%	58.9	59.0	0.0	0.0%
11.1%	58.7	58.8	0.1	0.1%
12.3%	58.5	58.5	0.0	0.0%
13.6%	58.4	58.3	-0.1	-0.2%
14.8%	58.2	58.1	-0.1	-0.1%
16.0%	58.1	58.1	0.0	0.0%
17.3%	57.7	57.8	0.1	0.2%
18.5%	57.7	57.7	0.0	0.1%
19.8%	57.7	57.7	0.0	0.1%
21.0%	57.5	57.6	0.2	0.3%
22.2%	57.4	57.5	0.1	0.2%
23.5%	57.0	57.4	0.4	0.7%
24.7%	56.9	56.9	0.0	-0.1%
25.9%	56.9	56.8	0.0	-0.1%
27.2%	56.8	56.7	0.0	-0.1%
28.4%	56.6	56.7	0.1	0.1%
29.6%	56.6	56.6	0.0	0.1%
30.9%	56.6	56.6	0.0	0.0%
32.1%	56.1	56.5	0.3	0.6%
33.3%	56.1	56.2	0.1	0.1%
34.6%	55.9	55.9	0.1	0.1%
35.8%	55.7	55.9	0.2	0.3%
37.0%	55.7	55.9	0.2	0.4%
38.3%	55.6	55.7	0.1	0.2%
39.5%	55.6	55.7	0.1	0.1%
40.7%	55.6	55.7	0.1	0.1%
42.0%	55.5	55.5	0.0	0.0%
43.2%	55.4	55.5	0.0	0.0%
44.4%	55.4	55.4	0.0	0.1%
45.7%	55.3	55.4	0.1	0.2%
46.9%	55.2	55.3	0.1	0.2%
48.1%	55.2	55.2	0.0	0.1%
49.4%	55.1	55.2	0.1	0.2%
50.6%	55.1	55.2	0.0	0.1%
51.9%	55.1	55.2	0.1	0.2%
53.1%	54.9	55.1	0.2	0.3%
54.3%	54.8	54.8	0.0	0.0%
55.6%	54.8	54.8	0.0	0.0%
56.8%	54.8	54.7	0.0	-0.1%
58.0%	54.7	54.6	0.0	-0.1%
59.3%	54.6	54.6	0.0	0.0%
60.5%	54.6	54.5	-0.1	-0.2%
61.7%	54.2	54.2	0.0	0.1%
63.0%	54.2	54.2	0.0	0.0%
64.2%	54.2	54.2	0.0	-0.1%
65.4%	54.2	54.1	0.0	-0.1%
66.7%	54.0	54.1	0.0	0.1%
67.9%	54.0	54.1	0.1	0.1%
69.1%	53.9	53.9	0.0	0.1%
70.4%	53.8	53.9	0.1	0.1%
71.6%	53.8	53.9	0.1	0.2%
72.8%	53.6	53.9	0.2	0.5%
74.1%	53.4	53.9	0.5	0.9%
75.3%	53.4	53.8	0.4	0.8%
76.5%	53.3	53.7	0.5	0.9%
77.8%	53.3	53.6	0.4	0.7%
79.0%	53.1	53.4	0.2	0.5%
80.2%	53.0	53.3	0.2	0.4%
81.5%	52.8	53.2	0.4	0.7%
82.7%	52.8	52.8	0.0	0.0%
84.0%	52.6	52.6	0.0	0.0%
85.2%	52.4	52.6	0.2	0.4%
86.4%	52.4	52.4	0.0	0.0%
87.7%	52.2	52.4	0.2	0.3%
88.9%	52.1	52.2	0.1	0.1%
90.1%	52.0	52.1	0.1	0.2%
91.4%	51.7	52.0	0.3	0.5%
92.6%	51.6	51.7	0.1	0.2%
93.8%	51.4	51.4	0.0	0.0%
95.1%	51.0	51.0	0.0	0.0%
96.3%	51.0	51.0	0.0	-0.1%
97.5%	51.0	50.9	0.0	0.0%
98.8%	49.2	49.2	0.0	0.0%
100.0%	48.8	48.9	0.0	0.1%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.8	73.3	-0.5	-0.7%
1.2%	64.9	64.5	-0.4	-0.6%
2.5%	64.2	64.2	-0.1	-0.1%
3.7%	63.7	62.2	-1.5	-2.3%
4.9%	63.0	61.4	-1.6	-2.5%
6.2%	61.9	61.3	-0.6	-1.0%
7.4%	61.9	61.2	-0.7	-1.2%
8.6%	61.6	61.0	-0.7	-1.1%
9.9%	61.3	60.3	-1.0	-1.6%
11.1%	61.3	60.2	-1.1	-1.7%
12.3%	61.0	60.2	-0.8	-1.3%
13.6%	60.3	60.0	-0.3	-0.4%
14.8%	60.3	60.0	-0.3	-0.5%
16.0%	60.2	59.8	-0.4	-0.6%
17.3%	59.8	59.6	-0.2	-0.3%
18.5%	59.7	59.6	-0.1	-0.2%
19.8%	59.6	59.5	-0.1	-0.2%
21.0%	59.6	59.4	-0.1	-0.2%
22.2%	59.5	59.4	-0.1	-0.1%
23.5%	59.4	59.3	-0.1	-0.1%
24.7%	59.4	59.2	-0.1	-0.2%
25.9%	59.2	59.2	0.0	0.0%
27.2%	59.2	59.2	0.0	0.0%
28.4%	59.1	59.1	0.0	0.0%
29.6%	59.1	59.1	0.0	0.0%
30.9%	59.1	59.0	-0.1	-0.1%
32.1%	59.0	59.0	0.0	0.0%
33.3%	59.0	58.8	-0.1	-0.2%
34.6%	58.8	58.8	0.0	0.0%
35.8%	58.7	58.8	0.1	0.1%
37.0%	58.7	58.8	0.0	0.1%
38.3%	58.6	58.7	0.1	0.2%
39.5%	58.5	58.7	0.2	0.4%
40.7%	58.4	58.5	0.1	0.2%
42.0%	58.4	58.5	0.1	0.2%
43.2%	58.4	58.5	0.1	0.1%
44.4%	58.4	58.4	0.0	0.0%
45.7%	58.3	58.3	0.0	-0.1%
46.9%	58.2	58.2	0.0	0.0%
48.1%	58.2	58.1	0.0	-0.1%
49.4%	58.1	58.1	0.0	0.0%
50.6%	58.1	58.0	-0.1	-0.1%
51.9%	58.0	58.0	0.0	0.0%
53.1%	57.9	58.0	0.0	0.0%
54.3%	57.8	57.9	0.2	0.3%
55.6%	57.7	57.8	0.0	0.1%
56.8%	57.4	57.8	0.4	0.6%
58.0%	57.4	57.7	0.4	0.6%
59.3%	57.2	57.6	0.3	0.5%
60.5%	57.2	57.4	0.2	0.3%
61.7%	57.2	57.3	0.1	0.2%
63.0%	57.2	57.3	0.1	0.2%
64.2%	57.0	57.1	0.2	0.3%
65.4%	56.9	57.1	0.3	0.4%
66.7%	56.8	57.0	0.2	0.3%
67.9%	56.8	56.9	0.1	0.2%
69.1%	56.8	56.9	0.1	0.1%
70.4%	56.7	56.9	0.1	0.2%
71.6%	56.7	56.8	0.1	0.2%
72.8%	56.7	56.8	0.1	0.1%
74.1%	56.7	56.8	0.1	0.1%
75.3%	56.6	56.8	0.1	0.2%
76.5%	56.6	56.7	0.1	0.1%
77.8%	56.5	56.7	0.1	0.2%
79.0%	56.4	56.5	0.1	0.3%
80.2%	56.3	56.4	0.1	0.2%
81.5%	56.3	56.3	0.1	0.1%
82.7%	56.1	56.1	0.0	0.0%
84.0%	56.1	56.1	0.0	0.0%
85.2%	56.1	56.1	0.0	-0.1%
86.4%	56.0	56.0	0.0	0.0%
87.7%	55.6	55.6	0.0	0.0%
88.9%	55.6	55.6	0.0	0.0%
90.1%	55.4	55.6	0.2	0.3%
91.4%	55.1	55.2	0.1	0.2%
92.6%	55.1	55.1	0.0	0.1%
93.8%	54.9	54.9	0.0	0.0%
95.1%	54.9	54.9	0.0	0.0%
96.3%	54.4	54.6	0.2	0.4%
97.5%	53.9	53.9	0.0	0.0%
98.8%	53.7	53.8	0.0	0.0%
100.0%	52.5	52.5	0.0	0.0%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.0	65.2	0.2	0.3%
1.2%	62.4	61.8	-0.6	-1.0%
2.5%	62.1	61.1	-1.1	-1.7%
3.7%	62.0	61.0	-1.1	-1.7%
4.9%	61.0	60.5	-0.5	-0.8%
6.2%	60.8	60.4	-0.4	-0.7%
7.4%	60.6	60.1	-0.5	-0.9%
8.6%	59.5	59.6	0.1	0.1%
9.9%	59.4	59.6	0.2	0.3%
11.1%	59.4	59.2	-0.2	-0.3%
12.3%	59.2	59.2	-0.1	-0.1%
13.6%	59.1	59.1	-0.1	-0.1%
14.8%	59.0	58.9	-0.2	-0.3%
16.0%	58.9	58.8	-0.2	-0.3%
17.3%	58.9	58.7	-0.1	-0.2%
18.5%	58.8	58.7	-0.2	-0.3%
19.8%	58.8	58.6	-0.3	-0.4%
21.0%	58.4	58.5	0.1	0.2%
22.2%	58.4	58.4	0.0	0.0%
23.5%	58.3	58.3	0.0	-0.1%
24.7%	58.2	58.3	0.1	0.2%
25.9%	58.0	58.1	0.1	0.1%
27.2%	58.0	58.0	0.0	0.0%
28.4%	57.9	57.9	0.0	0.0%
29.6%	57.9	57.8	0.0	-0.1%
30.9%	57.9	57.8	0.0	-0.1%
32.1%	57.7	57.8	0.1	0.2%
33.3%	57.5	57.6	0.1	0.1%
34.6%	57.4	57.5	0.1	0.1%
35.8%	57.4	57.4	0.0	0.0%
37.0%	57.4	57.2	-0.1	-0.2%
38.3%	57.2	57.2	0.0	0.0%
39.5%	57.2	57.2	0.0	0.0%
40.7%	57.1	57.1	0.0	0.0%
42.0%	57.1	57.0	-0.1	-0.2%
43.2%	57.1	56.8	-0.2	-0.4%
44.4%	57.1	56.8	-0.2	-0.4%
45.7%	57.0	56.7	-0.3	-0.5%
46.9%	56.7	56.7	-0.1	-0.1%
48.1%	56.6	56.7	0.0	0.1%
49.4%	56.6	56.6	0.0	0.0%
50.6%	56.6	56.5	-0.1	-0.2%
51.9%	56.5	56.4	-0.1	-0.1%
53.1%	56.4	56.4	0.0	-0.1%
54.3%	56.4	56.3	-0.1	-0.1%
55.6%	56.4	56.3	0.0	-0.1%
56.8%	56.3	56.3	0.0	0.0%
58.0%	56.3	56.3	0.0	0.0%
59.3%	56.2	56.3	0.1	0.1%
60.5%	56.2	56.2	0.0	0.0%
61.7%	56.2	56.2	0.0	0.0%
63.0%	56.1	56.2	0.1	0.1%
64.2%	56.1	56.1	0.1	0.2%
65.4%	56.0	56.1	0.1	0.2%
66.7%	56.0	56.1	0.1	0.1%
67.9%	56.0	56.1	0.1	0.1%
69.1%	56.0	56.0	0.1	0.1%
70.4%	55.9	56.0	0.1	0.2%
71.6%	55.9	55.9	0.0	0.1%
72.8%	55.7	55.9	0.2	0.4%
74.1%	55.7	55.9	0.2	0.4%
75.3%	55.6	55.9	0.3	0.5%
76.5%	55.5	55.7	0.2	0.3%
77.8%	55.2	55.6	0.4	0.7%
79.0%	55.1	55.5	0.4	0.6%
80.2%	55.0	55.4	0.5	0.8%
81.5%	54.9	55.4	0.5	0.9%
82.7%	54.9	55.3	0.4	0.7%
84.0%	54.9	55.3	0.3	0.6%
85.2%	54.9	55.2	0.3	0.6%
86.4%	54.8	55.2	0.5	0.9%
87.7%	54.7	55.1	0.4	0.7%
88.9%	54.7	55.0	0.3	0.6%
90.1%	54.6	55.0	0.4	0.6%
91.4%	54.6	55.0	0.4	0.7%
92.6%	54.5	54.7	0.2	0.4%
93.8%	54.5	54.6	0.1	0.2%
95.1%	54.5	54.5	0.1	0.1%
96.3%	54.3	54.4	0.1	0.2%
97.5%	54.3	54.3	0.0	0.0%
98.8%	53.5	53.6	0.1	0.2%
100.0%	53.3	53.5	0.2	0.3%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	64.2	65.1	0.9	1.4%
1.2%	61.7	61.1	-0.7	-1.1%
2.5%	60.0	60.4	0.4	0.6%
3.7%	59.6	58.2	-1.4	-2.3%
4.9%	59.1	58.1	-1.0	-1.7%
6.2%	58.6	57.0	-1.6	-2.7%
7.4%	58.3	57.0	-1.3	-2.2%
8.6%	58.1	56.7	-1.4	-2.5%
9.9%	57.9	56.6	-1.4	-2.3%
11.1%	57.7	56.5	-1.2	-2.1%
12.3%	57.7	56.4	-1.3	-2.2%
13.6%	56.7	56.4	-0.3	-0.6%
14.8%	56.5	56.3	-0.1	-0.3%
16.0%	56.1	55.5	-0.7	-1.2%
17.3%	55.8	55.5	-0.3	-0.6%
18.5%	55.5	54.7	-0.8	-1.4%
19.8%	55.3	54.6	-0.6	-1.1%
21.0%	54.9	54.6	-0.3	-0.5%
22.2%	54.8	54.6	-0.2	-0.3%
23.5%	54.8	54.6	-0.2	-0.3%
24.7%	54.7	54.6	-0.2	-0.3%
25.9%	54.6	54.6	-0.1	-0.1%
27.2%	54.6	54.4	-0.2	-0.4%
28.4%	54.4	54.3	-0.2	-0.3%
29.6%	54.3	54.2	-0.1	-0.3%
30.9%	54.0	54.1	0.0	0.1%
32.1%	53.9	54.0	0.0	0.1%
33.3%	53.9	53.9	0.0	-0.1%
34.6%	53.6	53.7	0.1	0.1%
35.8%	53.6	53.7	0.1	0.1%
37.0%	53.6	53.6	0.0	0.0%
38.3%	53.5	53.4	-0.1	-0.2%
39.5%	53.5	53.2	-0.3	-0.5%
40.7%	53.3	53.2	-0.1	-0.2%
42.0%	53.3	53.2	-0.2	-0.3%
43.2%	53.3	53.1	-0.2	-0.4%
44.4%	53.2	53.1	-0.2	-0.3%
45.7%	53.2	53.1	-0.2	-0.3%
46.9%	53.2	53.1	-0.2	-0.3%
48.1%	53.0	53.0	0.0	0.0%
49.4%	53.0	53.0	-0.1	-0.1%
50.6%	53.0	52.9	0.0	-0.1%
51.9%	52.8	52.9	0.1	0.1%
53.1%	52.8	52.8	0.0	-0.1%
54.3%	52.8	52.8	0.0	-0.1%
55.6%	52.7	52.7	0.0	-0.1%
56.8%	52.7	52.7	-0.1	-0.1%
58.0%	52.7	52.6	-0.1	-0.3%
59.3%	52.7	52.6	-0.1	-0.3%
60.5%	52.7	52.5	-0.1	-0.3%
61.7%	52.6	52.5	-0.1	-0.2%
63.0%	52.6	52.5	-0.1	-0.1%
64.2%	52.5	52.5	-0.1	-0.1%
65.4%	52.5	52.4	-0.1	-0.2%
66.7%	52.5	52.4	-0.1	-0.2%
67.9%	52.4	52.4	0.0	-0.1%
69.1%	52.4	52.3	-0.1	-0.2%
70.4%	52.3	52.3	0.0	0.0%
71.6%	52.3	52.3	0.0	0.0%
72.8%	52.2	52.2	0.0	0.0%
74.1%	52.2	52.2	0.0	0.0%
75.3%	52.2	52.2	0.0	0.1%
76.5%	52.1	52.2	0.0	0.0%
77.8%	52.1	52.1	0.0	-0.1%
79.0%	52.0	52.0	0.0	0.1%
80.2%	52.0	52.0	0.0	0.0%
81.5%	52.0	52.0	0.0	-0.1%
82.7%	51.9	51.9	0.0	0.0%
84.0%	51.9	51.9	0.0	0.0%
85.2%	51.9	51.8	0.0	-0.1%
86.4%	51.9	51.8	-0.1	-0.1%
87.7%	51.7	51.6	0.0	0.0%
88.9%	51.6	51.5	0.0	0.0%
90.1%	51.6	51.5	-0.1	-0.1%
91.4%	51.6	51.4	-0.1	-0.2%
92.6%	51.4	51.4	-0.1	-0.1%
93.8%	51.4	51.3	-0.1	-0.1%
95.1%	51.1	51.3	0.2	0.4%
96.3%	50.9	51.0	0.1	0.3%
97.5%	50.9	50.9	0.1	0.1%
98.8%	50.7	50.7	0.0	0.0%
100.0%	50.6	50.6	0.0	0.0%

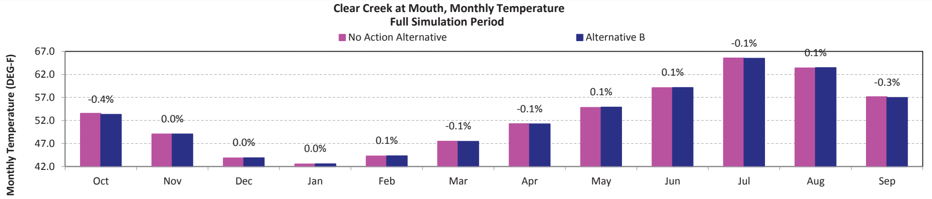
Table SQ-38-5a
Clear Creek at Mouth, Monthly Temperature
Long-term Average and Average by Water Year Type

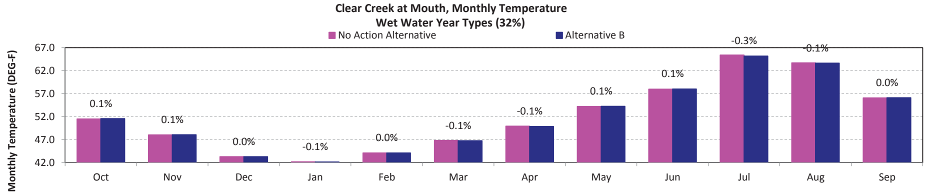
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	53.5	49.1	43.9	42.6	44.3	47.5	51.3	54.8	59.1	65.6	63.4	57.1
Alternative B	53.3	49.1	43.9	42.6	44.3	47.5	51.2	54.9	59.1	65.5	63.4	57.0
Difference	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	-0.2
Percent Difference[3]	-0.4%	0.0%	0.0%	0.0%	0.1%	-0.1%	-0.1%	0.1%	0.1%	-0.1%	0.1%	-0.3%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	51.5	48.0	43.3	42.2	44.1	46.8	49.9	54.2	58.0	65.4	63.7	56.1
Alternative B	51.6	48.1	43.3	42.1	44.1	46.7	49.8	54.2	58.0	65.2	63.6	56.1
Difference	0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	-0.2	-0.1	0.0
Percent Difference	0.1%	0.1%	0.0%	-0.1%	0.0%	-0.1%	-0.1%	0.1%	0.1%	-0.3%	-0.1%	0.0%
Above Normal (15%)												
No Action Alternative	52.7	48.6	44.0	42.9	44.3	47.3	50.8	55.4	60.3	67.9	64.0	56.7
Alternative B	52.5	48.6	44.0	42.9	44.4	47.3	50.9	55.3	60.2	67.8	64.0	56.6
Difference	-0.3	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	-0.1	-0.1	0.0	-0.1
Percent Difference	-0.5%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	-0.2%	-0.1%	-0.1%	0.0%	-0.2%
Below Normal (17%)												
No Action Alternative	54.0	49.3	43.9	42.5	43.8	47.3	51.4	55.4	58.6	65.6	63.5	57.2
Alternative B	53.8	49.3	43.9	42.5	43.8	47.3	51.4	55.5	58.9	65.7	63.6	57.3
Difference	-0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.1	0.1	0.1
Percent Difference	-0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.5%	0.1%	0.2%	0.2%
Dry (22%)												
No Action Alternative	53.5	49.7	44.2	42.6	44.2	47.9	52.6	54.8	59.1	64.9	62.4	56.8
Alternative B	53.4	49.7	44.2	42.7	44.3	47.9	52.4	54.8	59.1	64.8	62.5	56.7
Difference	-0.1	0.0	0.0	0.1	0.1	-0.1	-0.2	0.1	0.1	-0.1	0.1	-0.1
Percent Difference	-0.3%	-0.1%	0.1%	0.1%	0.2%	-0.1%	-0.3%	0.1%	0.1%	-0.1%	0.1%	-0.2%
Critical (15%)												
No Action Alternative	58.2	50.5	44.6	43.1	45.4	48.9	52.7	55.0	61.0	64.5	63.4	60.3
Alternative B	57.2	50.4	44.5	43.1	45.4	48.9	52.7	55.2	60.9	64.7	63.7	59.5
Difference	-1.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.2	-0.1	0.2	0.4	-0.8
Percent Difference	-1.8%	-0.3%	0.0%	0.1%	0.1%	0.0%	0.0%	0.3%	-0.1%	0.3%	0.6%	-1.3%

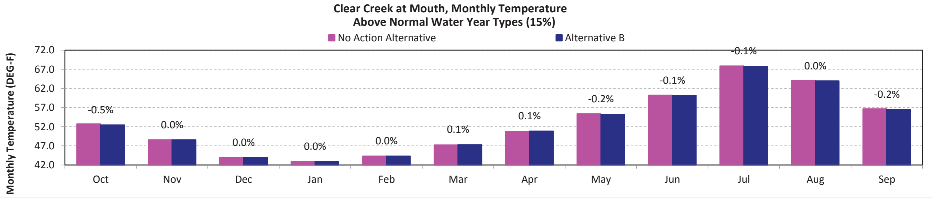
1 Based on the 82-year simulation period

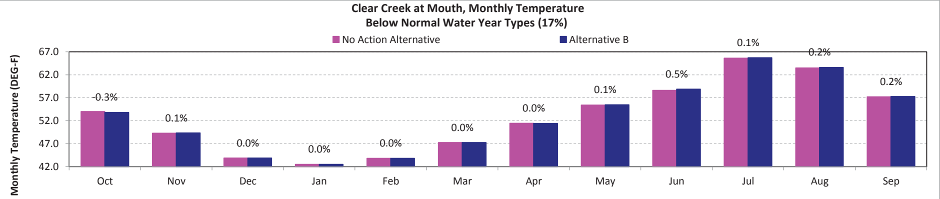
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

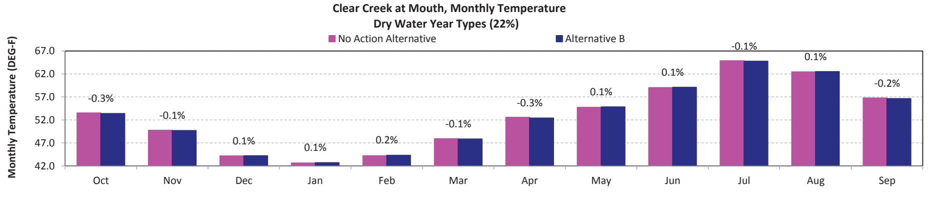
3 Relative difference of the monthly average


Clear Creek at Mouth, Monthly Temperature
Full Simulation Period


Clear Creek at Mouth, Monthly Temperature
Wet Water Year Types (32%)


Clear Creek at Mouth, Monthly Temperature
Above Normal Water Year Types (15%)


Clear Creek at Mouth, Monthly Temperature
Below Normal Water Year Types (17%)


Clear Creek at Mouth, Monthly Temperature
Dry Water Year Types (22%)

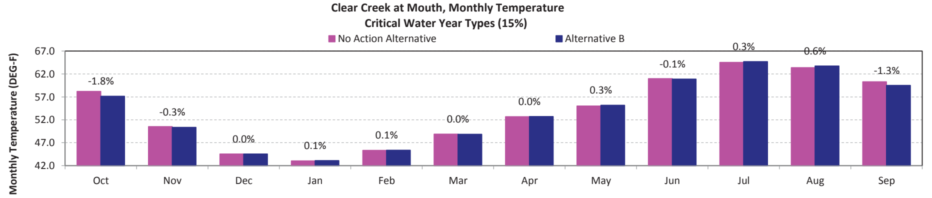

Clear Creek at Mouth, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-38-5b
Clear Creek at Mouth, Monthly Temperature
Probability of Exceedance

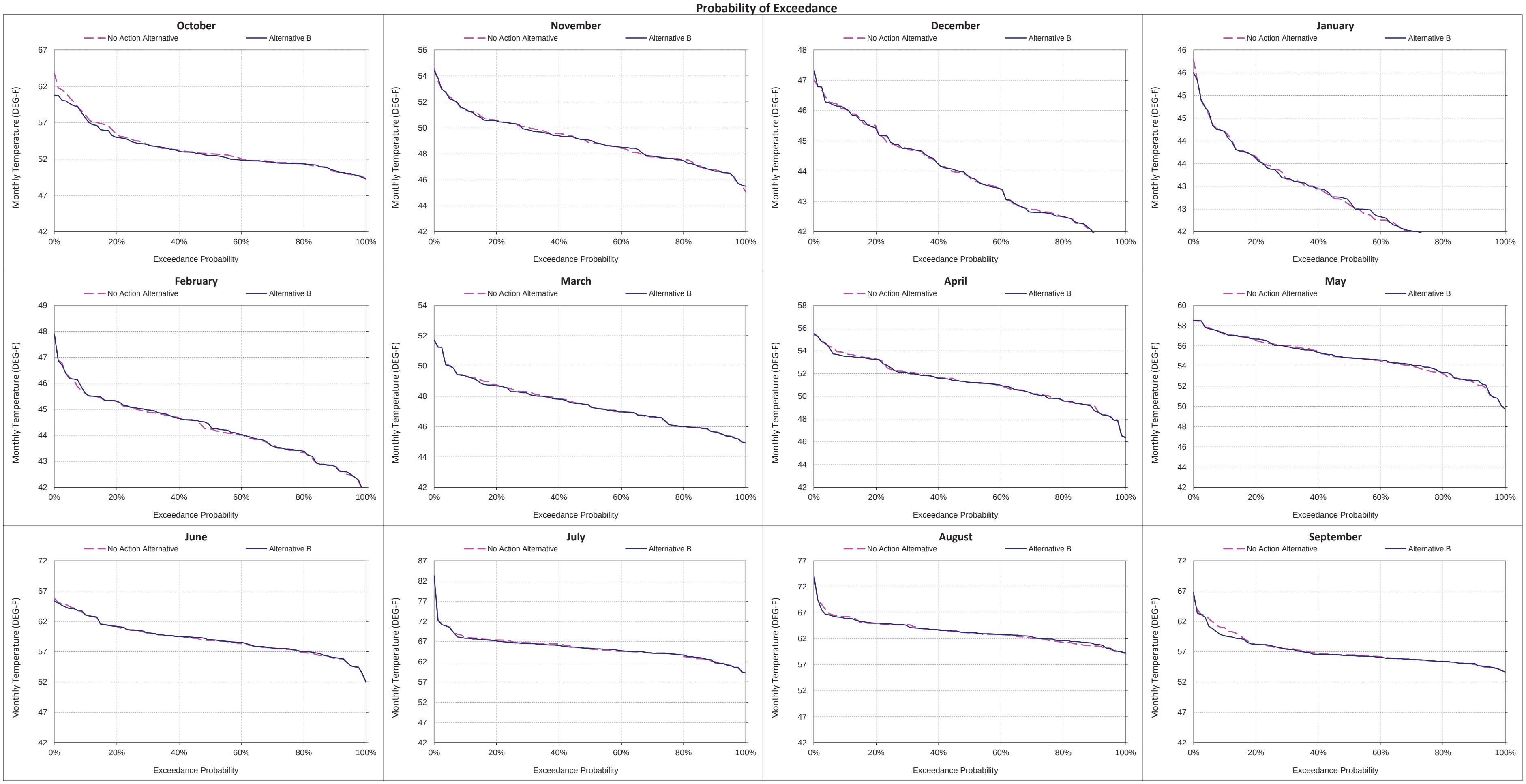


Table SQ-38-5b

Clear Creek at Mouth, Monthly Temperature
Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	63.8	60.8	-3.0	-4.8%
1.2%	61.8	60.7	-1.0	-1.7%
2.5%	61.5	60.1	-1.5	-2.4%
3.7%	61.1	60.0	-1.1	-1.8%
4.9%	60.4	59.7	-0.8	-1.3%
6.2%	59.9	59.4	-0.6	-0.9%
7.4%	59.2	59.2	0.0	-0.1%
8.6%	58.7	58.5	-0.2	-0.3%
9.9%	58.1	57.7	-0.5	-0.8%
11.1%	57.4	57.0	-0.4	-0.6%
12.3%	57.1	56.7	-0.3	-0.6%
13.6%	57.0	56.6	-0.4	-0.7%
14.8%	56.9	56.0	-0.8	-1.5%
16.0%	56.8	56.0	-0.8	-1.4%
17.3%	56.6	55.9	-0.6	-1.1%
18.5%	56.1	55.3	-0.8	-1.4%
19.8%	55.5	55.0	-0.5	-0.9%
21.0%	55.1	54.9	-0.2	-0.4%
22.2%	55.0	54.8	-0.2	-0.4%
23.5%	54.9	54.7	-0.2	-0.3%
24.7%	54.7	54.4	-0.3	-0.6%
25.9%	54.5	54.3	-0.3	-0.5%
27.2%	54.5	54.1	-0.3	-0.6%
28.4%	54.4	54.1	-0.2	-0.5%
29.6%	54.0	54.0	0.0	0.0%
30.9%	53.9	53.8	0.0	-0.1%
32.1%	53.8	53.8	0.0	0.1%
33.3%	53.7	53.7	0.1	0.1%
34.6%	53.5	53.6	0.1	0.2%
35.8%	53.5	53.5	0.1	0.2%
37.0%	53.4	53.4	0.0	-0.1%
38.3%	53.3	53.3	0.0	0.0%
39.5%	53.3	53.2	-0.1	-0.2%
40.7%	53.2	53.0	-0.1	-0.3%
42.0%	53.1	53.0	-0.1	-0.2%
43.2%	53.0	53.0	0.0	-0.1%
44.4%	53.0	52.9	0.0	0.0%
45.7%	52.9	52.8	-0.1	-0.2%
46.9%	52.8	52.8	-0.1	-0.1%
48.1%	52.8	52.6	-0.2	-0.4%
49.4%	52.8	52.5	-0.2	-0.5%
50.6%	52.7	52.5	-0.2	-0.5%
51.9%	52.7	52.5	-0.2	-0.4%
53.1%	52.6	52.4	-0.2	-0.4%
54.3%	52.6	52.2	-0.3	-0.7%
55.6%	52.6	52.2	-0.4	-0.8%
56.8%	52.4	52.0	-0.4	-0.8%
58.0%	52.3	51.9	-0.4	-0.8%
59.3%	52.2	51.9	-0.3	-0.5%
60.5%	51.9	51.8	-0.1	-0.2%
61.7%	51.9	51.8	-0.1	-0.2%
63.0%	51.8	51.8	0.0	-0.1%
64.2%	51.8	51.8	-0.1	-0.1%
65.4%	51.8	51.7	-0.1	-0.1%
66.7%	51.7	51.7	0.0	0.0%
67.9%	51.7	51.6	-0.1	-0.2%
69.1%	51.7	51.6	-0.1	-0.1%
70.4%	51.6	51.5	-0.1	-0.2%
71.6%	51.6	51.5	-0.1	-0.2%
72.8%	51.5	51.4	-0.1	-0.1%
74.1%	51.5	51.4	0.0	-0.1%
75.3%	51.5	51.4	0.0	-0.1%
76.5%	51.5	51.4	-0.1	-0.1%
77.8%	51.5	51.4	-0.1	-0.1%
79.0%	51.4	51.4	-0.1	-0.1%
80.2%	51.4	51.3	-0.1	-0.1%
81.5%	51.2	51.2	0.0	0.0%
82.7%	51.1	51.2	0.1	0.3%
84.0%	51.1	51.2	0.1	0.3%
85.2%	51.0	50.9	-0.1	-0.1%
86.4%	50.9	50.9	0.0	0.0%
87.7%	50.9	50.8	-0.1	-0.1%
88.9%	50.4	50.6	0.2	0.3%
90.1%	50.3	50.4	0.1	0.2%
91.4%	50.2	50.2	0.0	0.1%
92.6%	50.1	50.2	0.1	0.1%
93.8%	50.0	50.0	0.0	0.1%
95.1%	49.9	50.0	0.1	0.3%
96.3%	49.8	49.8	0.0	0.0%
97.5%	49.7	49.7	0.0	0.0%
98.8%	49.6	49.5	-0.1	-0.3%
100.0%	49.3	49.3	0.0	0.0%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.6	54.4	-0.2	-0.3%
1.2%	53.6	53.8	0.3	0.5%
2.5%	53.0	53.0	0.0	-0.1%
3.7%	52.7	52.8	0.0	0.1%
4.9%	52.4	52.2	-0.1	-0.3%
6.2%	52.2	52.1	-0.1	-0.2%
7.4%	51.9	52.0	0.0	0.0%
8.6%	51.5	51.6	0.1	0.1%
9.9%	51.4	51.5	0.0	0.1%
11.1%	51.3	51.3	0.0	0.0%
12.3%	51.2	51.2	0.0	-0.1%
13.6%	51.2	50.9	-0.3	-0.5%
14.8%	50.9	50.8	-0.1	-0.2%
16.0%	50.8	50.6	-0.2	-0.3%
17.3%	50.7	50.6	-0.1	-0.2%
18.5%	50.6	50.6	-0.1	-0.1%
19.8%	50.6	50.6	0.0	-0.1%
21.0%	50.6	50.5	-0.1	-0.2%
22.2%	50.4	50.4	0.0	0.0%
23.5%	50.4	50.4	0.0	-0.1%
24.7%	50.3	50.4	0.0	0.0%
25.9%	50.3	50.3	0.0	-0.1%
27.2%	50.1	50.3	0.1	0.3%
28.4%	50.1	49.9	-0.2	-0.3%
29.6%	50.1	49.9	-0.2	-0.4%
30.9%	50.0	49.8	-0.2	-0.3%
32.1%	49.9	49.7	-0.2	-0.4%
33.3%	49.9	49.7	-0.2	-0.3%
34.6%	49.8	49.7	-0.1	-0.3%
35.8%	49.7	49.6	-0.1	-0.2%
37.0%	49.6	49.6	0.0	-0.1%
38.3%	49.6	49.4	-0.2	-0.3%
39.5%	49.6	49.4	-0.2	-0.3%
40.7%	49.6	49.4	-0.2	-0.4%
42.0%	49.5	49.3	-0.2	-0.3%
43.2%	49.4	49.3	-0.1	-0.2%
44.4%	49.4	49.3	0.0	-0.1%
45.7%	49.2	49.2	0.0	0.1%
46.9%	49.1	49.1	0.0	0.0%
48.1%	49.1	49.1	0.0	0.0%
49.4%	48.9	49.1	0.2	0.4%
50.6%	48.8	49.0	0.2	0.4%
51.9%	48.8	48.9	0.1	0.1%
53.1%	48.8	48.8	0.0	0.0%
54.3%	48.7	48.7	0.0	0.0%
55.6%	48.6	48.6	0.0	-0.1%
56.8%	48.6	48.6	0.0	0.0%
58.0%	48.6	48.6	0.0	-0.1%
59.3%	48.5	48.5	0.0	0.1%
60.5%	48.4	48.5	0.1	0.2%
61.7%	48.4	48.5	0.1	0.3%
63.0%	48.1	48.5	0.3	0.7%
64.2%	48.1	48.4	0.3	0.7%
65.4%	48.1	48.3	0.3	0.5%
66.7%	47.9	48.1	0.1	0.3%
67.9%	47.9	47.9	0.0	0.1%
69.1%	47.8	47.8	0.1	0.1%
70.4%	47.8	47.8	0.0	0.1%
71.6%	47.7	47.8	0.0	0.1%
72.8%	47.7	47.7	0.0	0.1%
74.1%	47.7	47.7	0.0	-0.1%
75.3%	47.7	47.7	0.0	0.0%
76.5%	47.6	47.6	0.0	0.0%
77.8%	47.6	47.6	-0.1	-0.2%
79.0%	47.6	47.5	0.0	-0.1%
80.2%	47.5	47.5	-0.1	-0.1%
81.5%	47.5	47.3	-0.3	-0.6%
82.7%	47.4	47.2	-0.1	-0.3%
84.0%	47.1	47.1	0.0	0.0%
85.2%	47.1	47.0	-0.1	-0.2%
86.4%	46.9	47.0	0.1	0.1%
87.7%	46.8	46.8	0.0	0.1%
88.9%	46.8	46.8	0.0	-0.1%
90.1%	46.8	46.7	-0.1	-0.2%
91.4%	46.7	46.7	0.0	-0.1%
92.6%	46.6	46.6	0.0	0.0%
93.8%	46.6	46.5	0.0	0.0%
95.1%	46.5	46.5	0.0	0.0%
96.3%	46.1	46.2	0.1	0.2%
97.5%	45.7	45.7	0.0	0.0%
98.8%	45.6	45.6	0.0	0.0%
100.0%	45.1	45.5	0.4	1.0%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.0	47.4	0.3	0.7%
1.2%	46.8	46.8	0.0	-0.1%
2.5%	46.7	46.8	0.1	0.2%
3.7%	46.5	46.3	-0.2	-0.4%
4.9%	46.3	46.3	0.0	-0.1%
6.2%	46.3	46.2	-0.1	-0.1%
7.4%	46.2	46.1	-0.1	-0.2%
8.6%	46.1	46.1	0.1	0.1%
9.9%	46.1	46.1	0.0	0.1%
11.1%	46.0	46.0	0.0	0.0%
12.3%	45.9	45.9	0.0	-0.1%
13.6%	45.9	45.8	0.0	-0.1%
14.8%	45.7	45.7	-0.1	-0.1%
16.0%	45.6	45.7	0.1	0.2%
17.3%	45.5	45.5	0.0	0.0%
18.5%	45.5	45.5	-0.1	-0.1%
19.8%	45.5	45.4	-0.1	-0.2%
21.0%	45.2	45.2	0.0	0.0%
22.2%	45.1	45.2	0.1	0.1%
23.5%	45.0	45.2	0.2	0.5%
24.7%	44.9	45.0	0.0	0.1%
25.9%	44.9	44.9	0.0	0.0%
27.2%	44.8	44.9	0.1	0.2%
28.4%	44.8	44.8	0.0	-0.1%
29.6%	44.8	44.7	0.0	0.0%
30.9%	44.7	44.7	0.0	0.1%
32.1%	44.7	44.7	0.0	0.0%
33.3%	44.7	44.7	0.0	0.0%
34.6%	44.7	44.7	0.0	0.0%
35.8%	44.5	44.5	0.0	0.1%
37.0%	44.4	44.5	0.0	0.1%
38.3%	44.4	44.4	0.0	0.1%
39.5%	44.3	44.3	0.0	0.0%
40.7%	44.2	44.2	0.0	0.0%
42.0%	44.2	44.1	0.0	-0.1%
43.2%	44.1	44.1	0.0	0.1%
44.4%	44.0	44.1	0.1	0.2%
45.7%	44.0	44.0	0.1	0.1%
46.9%	44.0	44.0	0.0	0.1%
48.1%	43.9	44.0	0.1	0.1%
49.4%	43.9	43.9	0.0	0.0%
50.6%	43.7	43.8	0.1	0.1%
51.9%	43.7	43.7	0.1	0.2%
53.1%	43.6	43.6	0.0	0.0%
54.3%	43.6	43.6	0.0	0.0%
55.6%	43.6	43.5	0.0	-0.1%
56.8%	43.5	43.5	0.0	-0.1%
58.0%	43.5	43.5	0.0	-0.1%
59.3%	43.4	43.4	0.0	0.0%
60.5%	43.4	43.4	0.0	0.0%
61.7%	43.0	43.1	0.0	0.0%
63.0%	43.0	43.0	0.0	0.0%
64.2%	42.9	42.9	0.0	0.1%
65.4%	42.9	42.9	0.0	0.0%
66.7%	42.8	42.8	0.0	0.0%
67.9%	42.8	42.8	0.0	0.0%
69.1%	42.8	42.7	-0.1	-0.2%
70.4%	42.7	42.7	-0.1	-0.2%
71.6%	42.7	42.6	-0.1	-0.2%
72.8%	42.7	42.6	0.0	-0.1%
74.1%	42.7	42.6	0.0	-0.1%
75.3%	42.7	42.6	0.0	-0.1%
76.5%	42.6	42.6	0.0	-0.1%
77.8%	42.6	42.5	-0.1	-0.1%
79.0%	42.5	42.5	0.0	0.0%
80.2%	42.5	42.5	0.0	0.0%
81.5%	42.4	42.5	0.0	0.0%
82.7%	42.4	42.4	0.0	0.0%
84.0%	42.3	42.3	0.0	0.1%
85.2%	42.3	42.3	0.0	0.0%
86.4%	42.3	42.3	0.0	0.0%
87.7%	42.1	42.2	0.0	0.1%
88.9%	42.1	42.1	0.0	0.0%
90.1%	41.9	41.9	0.0	0.1%
91.4%	41.8	41.8	0.1	0.1%
92.6%	41.8	41.7	0.0	-0.1%
93.8%	41.7	41.7	0.0	0.0%
95.1%	41.7	41.7	0.0	-0.1%
96.3%	41.7	41.7	0.0	0.0%
97.5%	41.5	41.6	0.1	0.1%
98.8%	41.5	41.4	-0.1	-0.3%
100.0%	40.7	40.7	0.0	0.0%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	45.8	45.5	-0.3	-0.6%
1.2%	45.3	45.3	0.0	0.0%
2.5%	44.9	44.9	0.0	-0.1%
3.7%	44.7	44.7	0.0	0.0%
4.9%	44.6	44.6	0.1	0.2%
6.2%	44.4	44.3	0.0	0.0%
7.4%	44.3	44.3	0.0	0.0%
8.6%	44.2	44.2	0.0	0.0%
9.9%	44.2	44.2	0.0	0.0%
11.1%	44.1	44.1	-0.1	-0.2%
12.3%	44.0	44.0	0.0	-0.1%
13.6%	43.8	43.8	0.0	0.0%
14.8%	43.8	43.8	0.0	0.0%
16.0%	43.8	43.8	0.0	0.0%
17.3%	43.7	43.7	0.0	0.0%
18.5%	43.7	43.7	0.0	0.0%
19.8%	43.7	43.6	0.0	-0.1%
21.0%	43.6	43.5	0.0	-0.1%
22.2%	43.5	43.5	0.0	0.1%
23.5%	43.5	43.4	-0.1	-0.1%
24.7%	43.5	43.4	-0.1	-0.2%
25.9%	43.4	43.4	0.0	0.0%
27.2%	43.4	43.3	-0.1	-0.2%
28.4%	43.3	43.2	-0.1	-0.3%
29.6%	43.2	43.2	0.0	0.0%
30.9%	43.1	43.2	0.0	0.0%
32.1%	43.1	43.1	0.0	0.0%
33.3%	43.1	43.1	0.0	0.0%
34.6%	43.1	43.1	0.0	0.0%
35.8%	43.0	43.1	0.1	0.2%
37.0%	43.0	43.0	0.0	0.0%
38.3%	43.0	43.0	0.0	0.0%
39.5%	43.0	42.9	0.0	-0.1%
40.7%	42.9	42.9	0.0	0.0%
42.0%	42.9	42.9	0.1	0.1%
43.2%	42.8	42.9	0.0	0.1%
44.4%	42.8	42.8	0.0	0.0%
45.7%	42.7	42.8	0.0	0.1%
46.9%	42.7	42.8	0.0	0.1%
48.1%	42.7	42.7	0.1	0.1%
49.4%	42.6	42.7	0.1	0.2%
50.6%	42.6	42.6	0.0	0.1%
51.9%	42.5	42.5	0.0	0.0%
53.1%	42.5	42.5	0.0	0.0%
54.3%	42.4	42.5	0.1	0.2%
55.6%	42.4	42.5	0.1	0.2%
56.8%	42.4	42.5	0.1	0.3%
58.0%	42.3	42.4	0.1	0.3%
59.3%	42.3	42.3	0.1	0.2%
60.5%	42.3	42.3	0.1	0.1%
61.7%	42.3	42.3	0.0	0.1%
63.0%	42.2	42.2	0.0	0.0%
64.2%	42.2	42.2	0.0	-0.1%
65.4%	42.1	42.1	0.0	0.0%
66.7%	42.1	42.1	0.0	0.0%
67.9%	42.0	42.0	0.0	0.0%
69.1%	42.0	42.0	0.0	0.0%
70.4%	42.0	42.0	0.0	0.0%
71.6%	41.9	42.0	0.1	0.2%
72.8%	41.9	42.0	0.1	0.2%
74.1%	41.8	41.9	0.1	0.2%
75.3%	41.8	41.8	0.0	0.0%
76.5%	41.7	41.8	0.0	0.1%
77.8%	41.7	41.7	0.0	0.0%
79.0%	41.6	41.6	-0.1	-0.1%
80.2%	41.6	41.4	-0.2	-0.4%
81.5%	41.5	41.4	0.0	-0.1%
82.7%	41.4	41.4	0.0	-0.1%
84.0%	41.4	41.4	0.0	0.0%
85.2%	41.3	41.3	0.0	0.1%
86.4%	41.2	41.2	0.1	0.1%
87.7%	41.0	41.2	0.2	0.5%
88.9%	41.0	41.0	0.0	0.0%
90.1%	40.9	41.0	0.1	0.1%
91.4%	40.8	40.9	0.1	0.2%
92.6%	40.5	40.8	0.3	0.7%
93.8%	40.5	40.5	0.1	0.1%
95.1%	40.4	40.4	0.1	0.2%
96.3%	40.3	40.2	-0.1	-0.3%
97.5%	40.0	40.0	0.0	0.1%
98.8%	39.7	39.6	-0.1	-0.2%
100.0%	39.1	39.1	0.0	0.1%

Table SQ-38-5b

Clear Creek at Mouth, Monthly Temperature

Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.9	47.9	0.0	0.0%
1.2%	46.9	46.9	0.0	-0.1%
2.5%	46.8	46.7	-0.1	-0.2%
3.7%	46.4	46.4	0.0	0.0%
4.9%	46.2	46.2	0.0	-0.1%
6.2%	46.1	46.2	0.0	0.1%
7.4%	45.9	46.1	0.3	0.6%
8.6%	45.7	45.9	0.1	0.3%
9.9%	45.6	45.6	0.0	0.0%
11.1%	45.5	45.5	0.0	0.0%
12.3%	45.5	45.5	0.0	0.0%
13.6%	45.5	45.5	0.0	0.0%
14.8%	45.4	45.5	0.0	0.1%
16.0%	45.4	45.4	0.0	0.0%
17.3%	45.3	45.3	0.0	0.0%
18.5%	45.3	45.3	0.0	0.0%
19.8%	45.3	45.3	0.0	0.0%
21.0%	45.2	45.3	0.1	0.1%
22.2%	45.1	45.2	0.0	0.1%
23.5%	45.1	45.1	0.0	0.0%
24.7%	45.1	45.1	0.0	0.0%
25.9%	45.0	45.1	0.0	0.1%
27.2%	45.0	45.0	0.1	0.1%
28.4%	44.9	45.0	0.1	0.2%
29.6%	44.9	45.0	0.1	0.2%
30.9%	44.9	45.0	0.1	0.2%
32.1%	44.9	44.9	0.1	0.2%
33.3%	44.8	44.9	0.0	0.1%
34.6%	44.8	44.8	0.0	0.1%
35.8%	44.8	44.8	0.0	0.1%
37.0%	44.7	44.8	0.0	0.0%
38.3%	44.7	44.7	0.0	0.0%
39.5%	44.7	44.7	0.0	-0.1%
40.7%	44.6	44.6	0.0	0.0%
42.0%	44.6	44.6	0.0	0.0%
43.2%	44.6	44.6	0.0	0.0%
44.4%	44.6	44.6	0.0	0.0%
45.7%	44.5	44.6	0.0	0.1%
46.9%	44.4	44.5	0.1	0.2%
48.1%	44.3	44.5	0.3	0.6%
49.4%	44.3	44.4	0.2	0.4%
50.6%	44.2	44.3	0.0	0.1%
51.9%	44.2	44.3	0.1	0.2%
53.1%	44.2	44.2	0.1	0.2%
54.3%	44.1	44.2	0.1	0.2%
55.6%	44.1	44.2	0.1	0.2%
56.8%	44.1	44.1	0.0	0.1%
58.0%	44.1	44.1	0.0	0.1%
59.3%	44.0	44.1	0.0	0.1%
60.5%	44.0	44.0	0.0	0.0%
61.7%	43.9	44.0	0.1	0.2%
63.0%	43.9	43.9	0.0	0.1%
64.2%	43.8	43.9	0.0	0.1%
65.4%	43.8	43.9	0.0	0.1%
66.7%	43.8	43.8	0.0	0.1%
67.9%	43.7	43.8	0.0	0.1%
69.1%	43.6	43.6	0.0	0.0%
70.4%	43.6	43.6	-0.1	-0.2%
71.6%	43.5	43.5	0.0	0.0%
72.8%	43.5	43.5	0.0	0.0%
74.1%	43.5	43.5	0.0	0.0%
75.3%	43.4	43.5	0.0	0.1%
76.5%	43.4	43.4	0.0	0.0%
77.8%	43.4	43.4	0.0	0.0%
79.0%	43.4	43.4	0.1	0.1%
80.2%	43.3	43.4	0.0	0.1%
81.5%	43.2	43.2	0.0	0.1%
82.7%	43.1	43.2	0.1	0.2%
84.0%	42.9	43.0	0.0	0.0%
85.2%	42.9	42.9	0.0	0.0%
86.4%	42.9	42.9	0.0	0.0%
87.7%	42.9	42.9	0.0	0.0%
88.9%	42.9	42.8	0.0	0.0%
90.1%	42.8	42.8	0.0	-0.1%
91.4%	42.6	42.6	0.0	0.0%
92.6%	42.6	42.6	0.0	0.0%
93.8%	42.5	42.6	0.1	0.2%
95.1%	42.5	42.5	0.0	0.1%
96.3%	42.4	42.4	0.0	0.0%
97.5%	42.2	42.3	0.0	0.1%
98.8%	41.9	41.9	0.0	0.0%
100.0%	41.5	41.5	0.0	0.0%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	51.7	51.7	0.0	0.0%
1.2%	51.3	51.3	0.0	0.0%
2.5%	51.1	51.2	0.1	0.2%
3.7%	50.1	50.1	0.0	-0.1%
4.9%	50.0	50.0	0.0	-0.1%
6.2%	49.9	49.9	0.0	0.0%
7.4%	49.4	49.4	0.0	0.0%
8.6%	49.4	49.4	0.0	-0.1%
9.9%	49.4	49.4	0.0	-0.1%
11.1%	49.3	49.3	0.0	0.0%
12.3%	49.2	49.2	0.0	-0.1%
13.6%	49.2	49.1	-0.1	-0.2%
14.8%	49.1	48.9	-0.2	-0.4%
16.0%	49.0	48.8	-0.2	-0.4%
17.3%	49.0	48.7	-0.2	-0.5%
18.5%	48.8	48.7	0.0	-0.1%
19.8%	48.8	48.7	-0.1	-0.2%
21.0%	48.7	48.7	0.0	0.0%
22.2%	48.6	48.6	0.0	0.0%
23.5%	48.6	48.6	0.0	0.0%
24.7%	48.5	48.3	-0.2	-0.4%
25.9%	48.4	48.3	-0.1	-0.2%
27.2%	48.3	48.3	0.0	-0.1%
28.4%	48.3	48.2	-0.1	-0.1%
29.6%	48.3	48.2	-0.1	-0.1%
30.9%	48.3	48.1	-0.2	-0.4%
32.1%	48.1	48.0	-0.1	-0.2%
33.3%	48.1	48.0	-0.1	-0.2%
34.6%	48.1	48.0	0.0	-0.1%
35.8%	48.0	48.0	0.0	-0.1%
37.0%	48.0	47.9	-0.1	-0.1%
38.3%	47.9	47.8	-0.1	-0.2%
39.5%	47.8	47.8	0.0	0.0%
40.7%	47.8	47.8	0.0	-0.1%
42.0%	47.8	47.7	-0.1	-0.1%
43.2%	47.7	47.6	-0.1	-0.2%
44.4%	47.6	47.6	-0.1	-0.1%
45.7%	47.6	47.5	0.0	-0.1%
46.9%	47.5	47.5	0.0	-0.1%
48.1%	47.5	47.5	0.0	0.0%
49.4%	47.5	47.5	0.0	0.0%
50.6%	47.2	47.3	0.0	0.1%
51.9%	47.2	47.2	0.0	0.0%
53.1%	47.2	47.2	0.0	0.0%
54.3%	47.2	47.2	0.0	0.0%
55.6%	47.1	47.1	0.0	-0.1%
56.8%	47.1	47.1	0.0	0.0%
58.0%	47.0	47.1	0.1	0.2%
59.3%	47.0	47.0	0.0	0.0%
60.5%	47.0	47.0	0.0	0.0%
61.7%	47.0	47.0	0.0	0.0%
63.0%	46.9	46.9	0.0	0.0%
64.2%	46.9	46.9	0.0	0.0%
65.4%	46.8	46.8	0.0	0.0%
66.7%	46.7	46.8	0.0	0.0%
67.9%	46.7	46.7	0.1	0.1%
69.1%	46.6	46.7	0.0	0.1%
70.4%	46.6	46.7	0.0	0.0%
71.6%	46.6	46.6	0.0	0.0%
72.8%	46.6	46.6	0.0	0.0%
74.1%	46.4	46.4	0.0	0.0%
75.3%	46.1	46.1	0.0	0.0%
76.5%	46.1	46.1	0.0	0.1%
77.8%	46.0	46.1	0.0	0.1%
79.0%	46.0	46.0	0.0	0.0%
80.2%	46.0	46.0	0.0	0.0%
81.5%	46.0	46.0	0.0	0.0%
82.7%	46.0	45.9	0.0	0.0%
84.0%	45.9	45.9	0.0	-0.1%
85.2%	45.9	45.9	0.0	0.0%
86.4%	45.9	45.9	0.0	-0.1%
87.7%	45.8	45.9	0.0	0.0%
88.9%	45.7	45.7	0.0	0.0%
90.1%	45.7	45.6	0.0	-0.1%
91.4%	45.6	45.6	0.0	-0.1%
92.6%	45.4	45.5	0.1	0.2%
93.8%	45.4	45.4	0.0	0.0%
95.1%	45.4	45.4	0.0	0.0%
96.3%	45.3	45.3	0.0	-0.1%
97.5%	45.2	45.2	0.0	-0.1%
98.8%	45.0	45.0	0.0	0.0%
100.0%	44.9	44.9	0.0	-0.1%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	55.4	55.5	0.1	0.2%
1.2%	55.3	55.3	0.0	0.0%
2.5%	54.8	54.8	0.0	0.0%
3.7%	54.6	54.7	0.1	0.2%
4.9%	54.4	54.3	-0.1	-0.1%
6.2%	54.3	53.7	-0.6	-1.0%
7.4%	53.9	53.7	-0.2	-0.4%
8.6%	53.9	53.6	-0.3	-0.6%
9.9%	53.8	53.5	-0.3	-0.6%
11.1%	53.7	53.5	-0.2	-0.3%
12.3%	53.7	53.5	-0.2	-0.4%
13.6%	53.5	53.4	-0.1	-0.2%
14.8%	53.5	53.4	-0.1	-0.1%
16.0%	53.4	53.4	0.0	-0.1%
17.3%	53.4	53.3	-0.1	-0.2%
18.5%	53.4	53.3	-0.1	-0.2%
19.8%	53.3	53.3	-0.1	-0.1%
21.0%	53.2	53.2	0.0	0.0%
22.2%	53.1	52.9	-0.2	-0.4%
23.5%	52.5	52.7	0.2	0.4%
24.7%	52.4	52.5	0.1	0.3%
25.9%	52.3	52.3	0.0	0.0%
27.2%	52.2	52.1	-0.1	-0.2%
28.4%	52.2	52.1	-0.1	-0.2%
29.6%	52.1	52.1	0.0	-0.1%
30.9%	52.1	52.0	-0.1	-0.3%
32.1%	52.1	52.0	-0.1	-0.3%
33.3%	52.0	51.9	0.0	-0.1%
34.6%	51.9	51.8	-0.1	-0.2%
35.8%	51.8	51.8	0.0	0.0%
37.0%	51.8	51.8	0.0	0.0%
38.3%	51.8	51.7	0.0	0.0%
39.5%	51.6	51.6	0.0	-0.1%
40.7%	51.6	51.6	0.0	0.0%
42.0%	51.6	51.5	-0.1	-0.1%
43.2%	51.6	51.5	-0.1	-0.1%
44.4%	51.6	51.4	-0.2	-0.4%
45.7%	51.4	51.4	0.0	0.0%
46.9%	51.4	51.3	-0.1	-0.1%
48.1%	51.3	51.3	0.0	0.0%
49.4%	51.2	51.2	0.0	0.0%
50.6%	51.2	51.2	0.0	0.0%
51.9%	51.2	51.2	0.0	0.0%
53.1%	51.1	51.2	0.1	0.1%
54.3%	51.1	51.1	0.0	0.0%
55.6%	51.1	51.1	0.0	0.0%
56.8%	51.1	51.1	0.0	0.0%
58.0%	51.1	51.1	0.0	0.0%
59.3%	50.9	51.0	0.1	0.2%
60.5%	50.9	50.9	0.0	0.1%
61.7%	50.8	50.9	0.1	0.2%
63.0%	50.6	50.8	0.2	0.3%
64.2%	50.6	50.6	0.0	0.0%
65.4%	50.6	50.6	0.0	0.0%
66.7%	50.6	50.5	0.0	-0.1%
67.9%	50.5	50.4	-0.1	-0.2%
69.1%	50.4	50.4	0.0	0.0%
70.4%	50.2	50.2	0.0	0.0%
71.6%	50.2	50.1	-0.1	-0.1%
72.8%	50.2	50.1	-0.1	-0.2%
74.1%	50.1	50.0	-0.1	-0.1%
75.3%	50.0	49.8	-0.2	-0.4%
76.5%	49.9	49.8	0.0	-0.1%
77.8%	49.8	49.8	0.0	0.0%
79.0%	49.8	49.8	0.0	0.0%
80.2%	49.6	49.6	0.0	0.0%
81.5%	49.6	49.6	0.0	0.0%
82.7%	49.5	49.6	0.1	0.2%
84.0%	49.4	49.4	0.0	0.0%
85.2%	49.4	49.4	0.0	0.0%
86.4%	49.3	49.3	0.0	0.0%
87.7%	49.3	49.2	0.0	-0.1%
88.9%	49.2	49.1	-0.1	-0.2%
90.1%	49.2	48.7	-0.4	-0.9%
91.4%	48.6	48.6	0.0	0.0%
92.6%	48.4	48.4	0.0	0.0%
93.8%	48.3	48.3	0.0	0.0%
95.1%	48.2	48.2	0.0	0.0%
96.3%	48.0	47.9	-0.1	-0.2%
97.5%	47.9	47.8	-0.1	-0.1%
98.8%	46.5	46.5	0.0	0.0%
100.0%	46.4	46.4	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	58.5	58.5	0.0	0.0%
1.2%	58.5	58.5	0.0	0.0%
2.5%	58.5	58.5	0.0	0.0%
3.7%	57.8	57.8	0.0	0.0%
4.9%	57.8	57.7	-0.1	-0.2%
6.2%	57.6	57.6	0.0	0.0%
7.4%	57.5	57.5	0.0	0.0%
8.6%	57.4	57.3	-0.1	-0.1%
9.9%	57.1	57.3	0.1	0.2%
11.1%	57.1	57.0	0.0	0.0%
12.3%	57.0	57.0	0.0	0.0%
13.6%	57.0	57.0	0.0	0.0%
14.8%	57.0	56.9	-0.1	-0.2%
16.0%	56.9	56.9	-0.1	-0.1%
17.3%	56.9	56.8	-0.1	-0.1%
18.5%	56.7	56.7	0.0	0.0%
19.8%	56.5	56.7	0.1	0.2%
21.0%	56.5	56.7	0.2	0.3%
22.2%	56.3	56.6	0.2	0.4%
23.5%	56.3	56.5	0.2	0.4%
24.7%	56.2	56.3	0.1	0.1%
25.9%	56.2	56.0	-0.1	-0.2%
27.2%	56.1	56.0	0.0	0.0%
28.4%	56.0	56.0	0.0	0.0%
29.6%	56.0	55.9	-0.1	-0.1%
30.9%	56.0	55.9	-0.2	-0.3%
32.1%	55.9	55.8	-0.1	-0.2%
33.3%	55.9	55.8	-0.1	-0.2%
34.6%	55.8	55.6	-0.1	-0.3%
35.8%	55.7	55.6	-0.1	-0.2%
37.0%	55.7	55.6	-0.1	-0.2%
38.3%	55.6	55.5	-0.1	-0.1%
39.5%	55.5	55.4	-0.1	-0.2%
40.7%	55.2	55.3	0.1	0.2%
42.0%	55.2	55.2	0.0	0.0%
43.2%	55.1	55.2	0.0	0.1%
44.4%	54.9	55.1	0.2	0.4%
45.7%	54.9	55.0	0.0	0.1%
46.9%	54.9	54.9	0.0	0.0%
48.1%	54.9	54.9	0.0	0.0%
49.4%	54.9	54.8	0.0	-0.1%
50.6%	54.8	54.8	0.0	-0.1%
51.9%	54.8	54.8	0.0	0.0%
53.1%	54.8	54.7	0.0	0.0%
54.3%	54.7	54.7	0.0	0.0%
55.6%	54.7	54.7	0.0	-0.1%
56.8%	54.7	54.7	0.0	0.0%
58.0%	54.6	54.6	0.0	0.1%
59.3%	54.6	54.6	0.0	0.0%
60.5%	54.4	54.6	0.2	0.3%
61.7%	54.4	54.5	0.2	0.3%
63.0%	54.4	54.4	0.0	0.0%
64.2%	54.3	54.3	0.0	0.0%
65.4%	54.2	54.3	0.1	0.1%
66.7%	54.1	54.2	0.1	0.2%
67.9%	54.1	54.2	0.1	0.3%
69.1%	54.1	54.2	0.1	0.2%
70.4%	53.9	54.1	0.1	0.2%
71.6%	53.9	54.0	0.2	0.3%
72.8%	53.7	54.0	0.3	0.6%
74.1%	53.7	53.9	0.2	0.4%
75.3%	53.6	53.9	0.3	0.6%
76.5%	53.4	53.8	0.3	0.6%
77.8%	53.4	53.7	0.3	0.5%
79.0%	53.4	53.4	0.1	0.1%
80.2%	53.2	53.4	0.1	0.2%
81.5%	52.9	53.3	0.4	0.8%
82.7%	52.9	53.1	0.2	0.4%
84.0%	52.9	52.7	-0.1	-0.3%
85.2%	52.7	52.7	0.0	0.1%
86.4%	52.7	52.7	0.0	0.0%
87.7%	52.5	52.6	0.1	0.1%
88.9%	52.5	52.6	0.1	0.1%
90.1%	52.3	52.6	0.2	0.4%
91.4%	52.1	52.5	0.4	0.9%
92.6%	52.1	52.2	0.1	0.3%
93.8%	51.8	52.1	0.3	0.6%
95.1%	51.1	51.2	0.1	0.1%
96.3%	50.9	50.9	0.0	0.0%
97.5%	50.8	50.8	0.0	0.0%
98.8%	50.1	50.1	0.0	0.0%
100.0%	49.7	49.7	0.0	0.1%

Table SQ-38-5b

Clear Creek at Mouth, Monthly Temperature

Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative B Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	65.8	65.4	-0.4	-0.6%
1.2%	65.1	65.0	-0.1	-0.2%
2.5%	64.9	64.6	-0.3	-0.5%
3.7%	64.8	64.4	-0.4	-0.7%
4.9%	64.4	64.1	-0.3	-0.5%
6.2%	64.2	64.1	-0.1	-0.1%
7.4%	63.8	63.9	0.1	0.1%
8.6%	63.7	63.8	0.2	0.3%
9.9%	63.2	63.1	-0.1	-0.1%
11.1%	62.9	62.9	0.0	0.0%
12.3%	62.8	62.8	0.0	0.0%
13.6%	62.6	62.7	0.1	0.2%
14.8%	61.6	61.5	0.0	0.0%
16.0%	61.5	61.5	0.0	0.0%
17.3%	61.3	61.3	0.0	0.0%
18.5%	61.3	61.3	0.0	0.0%
19.8%	61.2	61.2	0.0	0.0%
21.0%	60.9	61.1	0.2	0.3%
22.2%	60.8	61.0	0.2	0.4%
23.5%	60.6	60.6	0.0	0.0%
24.7%	60.6	60.6	0.0	-0.1%
25.9%	60.6	60.6	0.0	0.0%
27.2%	60.4	60.5	0.1	0.2%
28.4%	60.3	60.4	0.2	0.3%
29.6%	60.1	60.1	0.0	0.0%
30.9%	60.1	60.1	0.0	0.0%
32.1%	60.0	60.0	0.0	0.0%
33.3%	59.8	59.8	0.0	-0.1%
34.6%	59.8	59.8	0.0	0.0%
35.8%	59.7	59.7	0.0	0.0%
37.0%	59.6	59.7	0.0	0.1%
38.3%	59.6	59.6	0.0	-0.1%
39.5%	59.5	59.5	0.0	0.0%
40.7%	59.5	59.5	0.0	0.0%
42.0%	59.4	59.4	0.0	0.0%
43.2%	59.3	59.4	0.1	0.2%
44.4%	59.2	59.4	0.2	0.3%
45.7%	59.2	59.3	0.1	0.2%
46.9%	59.0	59.3	0.3	0.5%
48.1%	58.9	59.2	0.4	0.6%
49.4%	58.9	59.0	0.1	0.2%
50.6%	58.9	59.0	0.1	0.2%
51.9%	58.8	58.9	0.1	0.1%
53.1%	58.8	58.8	0.0	0.1%
54.3%	58.8	58.7	0.0	0.0%
55.6%	58.7	58.7	0.1	0.1%
56.8%	58.6	58.6	0.1	0.1%
58.0%	58.5	58.6	0.1	0.1%
59.3%	58.3	58.5	0.2	0.3%
60.5%	58.3	58.5	0.1	0.3%
61.7%	58.2	58.3	0.2	0.3%
63.0%	58.0	58.1	0.0	0.1%
64.2%	57.9	57.9	0.0	0.0%
65.4%	57.9	57.9	0.0	0.0%
66.7%	57.7	57.9	0.1	0.2%
67.9%	57.7	57.8	0.0	0.1%
69.1%	57.6	57.6	0.0	0.1%
70.4%	57.5	57.6	0.1	0.1%
71.6%	57.5	57.6	0.1	0.1%
72.8%	57.5	57.5	0.0	0.1%
74.1%	57.4	57.5	0.2	0.3%
75.3%	57.4	57.5	0.1	0.2%
76.5%	57.3	57.3	0.0	0.0%
77.8%	57.2	57.3	0.1	0.1%
79.0%	56.9	57.0	0.1	0.2%
80.2%	56.9	57.0	0.2	0.3%
81.5%	56.8	57.0	0.2	0.4%
82.7%	56.7	56.9	0.2	0.3%
84.0%	56.5	56.8	0.2	0.4%
85.2%	56.3	56.7	0.3	0.6%
86.4%	56.3	56.4	0.1	0.1%
87.7%	56.3	56.3	0.0	0.0%
88.9%	56.0	56.1	0.1	0.1%
90.1%	55.9	56.0	0.1	0.3%
91.4%	55.8	55.9	0.1	0.1%
92.6%	55.8	55.9	0.1	0.2%
93.8%	55.2	55.2	0.0	0.1%
95.1%	54.7	54.7	0.0	0.0%
96.3%	54.5	54.5	0.0	0.0%
97.5%	54.5	54.4	0.0	0.0%
98.8%	53.4	53.4	0.0	0.0%
100.0%	51.9	51.9	0.0	0.0%

July

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative B Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	83.4	83.1	-0.3	-0.4%
1.2%	72.2	72.4	0.2	0.3%
2.5%	71.5	71.2	-0.3	-0.4%
3.7%	70.9	70.9	0.0	0.0%
4.9%	70.6	70.5	-0.1	-0.1%
6.2%	69.2	69.3	0.1	0.1%
7.4%	68.8	68.2	-0.7	-1.0%
8.6%	68.6	68.0	-0.6	-0.9%
9.9%	68.1	67.9	-0.2	-0.4%
11.1%	68.0	67.8	-0.2	-0.3%
12.3%	67.9	67.7	-0.2	-0.3%
13.6%	67.9	67.7	-0.2	-0.3%
14.8%	67.7	67.5	-0.2	-0.3%
16.0%	67.6	67.4	-0.2	-0.2%
17.3%	67.5	67.4	-0.1	-0.2%
18.5%	67.4	67.3	-0.1	-0.1%
19.8%	67.4	67.2	-0.2	-0.3%
21.0%	67.4	67.1	-0.3	-0.5%
22.2%	67.4	66.9	-0.4	-0.7%
23.5%	67.3	66.9	-0.4	-0.6%
24.7%	67.1	66.8	-0.3	-0.4%
25.9%	66.8	66.7	-0.1	-0.1%
27.2%	66.8	66.7	-0.1	-0.1%
28.4%	66.8	66.6	-0.2	-0.3%
29.6%	66.7	66.6	-0.1	-0.2%
30.9%	66.7	66.5	-0.2	-0.3%
32.1%	66.6	66.5	-0.2	-0.2%
33.3%	66.6	66.4	-0.3	-0.4%
34.6%	66.6	66.3	-0.2	-0.4%
35.8%	66.5	66.3	-0.3	-0.4%
37.0%	66.5	66.2	-0.3	-0.4%
38.3%	66.4	66.1	-0.3	-0.4%
39.5%	66.4	66.1	-0.3	-0.5%
40.7%	66.3	65.9	-0.4	-0.7%
42.0%	66.1	65.9	-0.2	-0.3%
43.2%	66.0	65.7	-0.4	-0.6%
44.4%	65.6	65.7	0.0	0.0%
45.7%	65.6	65.6	0.1	0.1%
46.9%	65.5	65.5	0.1	0.1%
48.1%	65.4	65.4	0.0	0.1%
49.4%	65.2	65.4	0.2	0.2%
50.6%	65.2	65.3	0.2	0.3%
51.9%	65.1	65.2	0.1	0.2%
53.1%	64.9	65.2	0.2	0.4%
54.3%	64.9	65.1	0.2	0.4%
55.6%	64.9	65.1	0.2	0.4%
56.8%	64.7	65.1	0.4	0.6%
58.0%	64.7	65.0	0.3	0.5%
59.3%	64.6	64.8	0.2	0.3%
60.5%	64.6	64.7	0.1	0.2%
61.7%	64.6	64.6	0.0	0.1%
63.0%	64.5	64.6	0.0	0.1%
64.2%	64.5	64.5	0.1	0.1%
65.4%	64.5	64.5	0.0	0.1%
66.7%	64.4	64.5	0.0	0.0%
67.9%	64.3	64.4	0.1	0.1%
69.1%	64.2	64.2	0.0	-0.1%
70.4%	64.2	64.1	-0.1	-0.1%
71.6%	64.2	64.1	-0.1	-0.1%
72.8%	64.2	64.1	-0.1	-0.1%
74.1%	64.2	64.1	-0.1	-0.2%
75.3%	64.1	64.0	-0.1	-0.1%
76.5%	63.9	63.9	0.0	-0.1%
77.8%	63.8	63.9	0.1	0.1%
79.0%	63.7	63.8	0.0	0.1%
80.2%	63.3	63.7	0.4	0.6%
81.5%	63.2	63.3	0.1	0.2%
82.7%	63.0	63.3	0.3	0.4%
84.0%	62.8	63.1	0.3	0.5%
85.2%	62.8	63.0	0.2	0.4%
86.4%	62.7	62.9	0.2	0.3%
87.7%	62.6	62.5	0.0	-0.1%
88.9%	62.2	62.5	0.3	0.4%
90.1%	62.0	61.7	-0.3	-0.4%
91.4%	61.7	61.7	0.0	0.0%
92.6%	61.7	61.6	-0.1	-0.1%
93.8%	61.2	61.2	0.0	0.0%
95.1%	61.1	61.1	0.0	-0.1%
96.3%	60.7	60.7	0.0	0.0%
97.5%	60.5	60.6	0.2	0.3%
98.8%	59.5	59.5	0.0	0.0%
100.0%	59.3	59.2	-0.1	-0.1%

August

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative B Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	74.0	74.2	0.2	0.2%
1.2%	69.6	69.5	-0.1	-0.2%
2.5%	68.6	67.6	-1.1	-1.5%
3.7%	67.7	66.8	-0.9	-1.3%
4.9%	66.8	66.6	-0.2	-0.3%
6.2%	66.6	66.3	-0.2	-0.4%
7.4%	66.5	66.2	-0.3	-0.4%
8.6%	66.3	66.2	-0.1	-0.2%
9.9%	66.3	65.9	-0.3	-0.5%
11.1%	66.2	65.9	-0.3	-0.5%
12.3%	66.2	65.8	-0.3	-0.5%
13.6%	65.8	65.5	-0.2	-0.4%
14.8%	65.1	65.4	0.2	0.3%
16.0%	65.0	65.3	0.2	0.3%
17.3%	65.0	65.1	0.1	0.2%
18.5%	64.9	65.0	0.1	0.1%
19.8%	64.9	65.0	0.1	0.2%
21.0%	64.8	65.0	0.1	0.2%
22.2%	64.8	64.9	0.1	0.1%
23.5%	64.7	64.8	0.1	0.2%
24.7%	64.7	64.8	0.1	0.2%
25.9%	64.7	64.7	0.0	0.1%
27.2%	64.7	64.7	0.1	0.1%
28.4%	64.7	64.7	0.1	0.1%
29.6%	64.7	64.6	-0.1	-0.1%
30.9%	64.7	64.2	-0.5	-0.8%
32.1%	64.3	64.1	-0.2	-0.4%
33.3%	64.2	64.0	-0.1	-0.2%
34.6%	63.9	64.0	0.1	0.1%
35.8%	63.9	64.0	0.1	0.2%
37.0%	63.8	63.8	0.0	0.0%
38.3%	63.8	63.8	0.0	0.0%
39.5%	63.7	63.7	0.0	0.0%
40.7%	63.7	63.6	-0.1	-0.1%
42.0%	63.5	63.6	0.1	0.1%
43.2%	63.5	63.6	0.1	0.2%
44.4%	63.3	63.5	0.2	0.2%
45.7%	63.3	63.5	0.1	0.2%
46.9%	63.3	63.3	0.0	0.1%
48.1%	63.2	63.2	0.1	0.1%
49.4%	63.2	63.2	0.0	0.0%
50.6%	63.1	63.2	0.0	0.0%
51.9%	63.1	63.1	0.0	0.0%
53.1%	63.0	63.0	0.0	-0.1%
54.3%	62.8	63.0	0.1	0.2%
55.6%	62.8	63.0	0.1	0.2%
56.8%	62.8	63.0	0.1	0.2%
58.0%	62.8	62.9	0.1	0.1%
59.3%	62.8	62.9	0.1	0.1%
60.5%	62.8	62.8	0.0	0.0%
61.7%	62.7	62.8	0.1	0.1%
63.0%	62.7	62.8	0.1	0.1%
64.2%	62.7	62.7	0.0	0.1%
65.4%	62.4	62.7	0.3	0.5%
66.7%	62.4	62.6	0.2	0.3%
67.9%	62.3	62.5	0.2	0.3%
69.1%	62.1	62.5	0.3	0.5%
70.4%	62.1	62.3	0.2	0.3%
71.6%	62.0	62.1	0.1	0.1%
72.8%	62.0	62.0	0.0	0.1%
74.1%	61.9	62.0	0.1	0.2%
75.3%	61.7	62.0	0.3	0.5%
76.5%	61.6	61.9	0.3	0.5%
77.8%	61.5	61.7	0.2	0.3%
79.0%	61.4	61.6	0.3	0.4%
80.2%	61.3	61.6	0.3	0.5%
81.5%	61.2	61.6	0.4	0.6%
82.7%	61.2	61.5	0.2	0.4%
84.0%	61.0	61.4	0.4	0.7%
85.2%	61.0	61.4	0.4	0.7%
86.4%	60.8	61.3	0.5	0.8%
87.7%	60.7	61.2	0.5	0.9%
88.9%	60.6	61.2	0.6	0.9%
90.1%	60.6	60.9	0.3	0.6%
91.4%	60.6	60.9	0.3	0.5%
92.6%	60.4	60.7	0.4	0.6%
93.8%	60.2	60.2	0.0	0.0%
95.1%	60.0	60.2	0.1	0.2%
96.3%	59.6	59.7	0.0	0.1%
97.5%	59.5	59.6	0.1	0.2%
98.8%	59.5	59.4	0.0	-0.1%
100.0%	59.1	59.3	0.2	0.3%

September

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative B Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	66.2	66.8	0.6	0.9%
1.2%	63.9	63.3	-0.6	-1.0%
2.5%	63.1	63.1	0.0	0.0%
3.7%	63.1	62.7	-0.4	-0.6%
4.9%	62.4	61.2	-1.2	-1.9%
6.2%	61.9	60.8	-1.1	-1.8%
7.4%	61.3	60.3	-1.0	-1.7%
8.6%	61.0	59.8	-1.2	-2.0%
9.9%	61.0	59.6	-1.4	-2.2%
11.1%	60.4	59.5	-0.9	-1.4%
12.3%	60.3	59.5	-0.8	-1.4%
13.6%	60.1	59.2	-0.8	-1.4%
14.8%	59.7	59.2	-0.5	-0.9%
16.0%	59.2	59.1	-0.2	-0.3%
17.3%	58.8	58.5	-0.2	-0.4%
18.5%	58.5	58.3	-0.2	-0.4%
19.8%	58.2	58.2	0.0	0.0%
21.0%	58.2	58.2	0.0	0.0%
22.2%	58.1	58.1	0.0	0.1%
23.5%	58.0	58.1	0.1	0.2%
24.7%	57.9	58.0	0.1	0.2%
25.9%	57.7	57.9	0.1	0.2%
27.2%	57.6	57.7	0.1	0.2%
28.4%	57.6	57.6	0.0	0.1%
29.6%	57.5	57.4	-0.1	-0.1%
30.9%	57.5	57.4	-0.1	-0.1%
32.1%	57.5	57.3	-0.1	-0.2%
33.3%	57.3	57.1	-0.1	-0.2%
34.6%	57.2	57.0	-0.2	-0.3%
35.8%	57.2	56.9	-0.3	-0.5%
37.0%	57.0	56.9	-0.1	-0.1%
38.3%	56.8	56.6	-0.2	-0.4%
39.5%	56.8	56.6	-0.2	-0.4%
40.7%	56.7	56.6	-0.1	-0.1%
42.0%	56.6	56.6	-0.1	-0.1%
43.2%	56.6	56.5	-0.1	-0.1%
44.4%	56.6	56.5	0.0	-0.1%
45.7%	56.5	56.5	0.0	0.0%
46.9%	56.5	56.5	-0.1	-0.1%
48.1%	56.5	56.4	-0.1	-0.1%
49.4%	56.5	56.4	-0.1	-0.2%
50.6%	56.5	56.4	-0.1	-0.2%
51.9%	56.4	56.3	-0.1	-0.3%
53.1%	56.4	56.3	-0.1	-0.3%
54.3%	56.4	56.3	-0.2	-0.3%
55.6%	56.4	56.2	-0.2	-0.3%
56.8%	56.3	56.2	-0.1	-0.1%
58.0%	56.2	56.2	0.0	-0.1%
59.3%	56.2	56.0	-0.2	-0.3%
60.5%	56.1	56.0	-0.1	-0.2%
61.7%	56.0	55.9	-0.1	-0.1%
63.0%	56.0	55.9	0.0	0.0%
64.2%	55.9	55.9	0.0	0.0%
65.4%	55.9	55.8	-0.1	-0.1%
66.7%	55.9	55.8	-0.1	-0.1%
67.9%	55.8	55.8	-0.1	-0.1%
69.1%	55.8	55.7	-0.1	-0.1%
70.4%	55.8	55.7	-0.1	-0.1%
71.6%	55.7	55.7	0.0	0.0%
72.8%	55.7	55.6	0.0	-0.1%
74.1%	55.6	55.6	0.1	0.1%
75.3%	55.5	55.6	0.1	0.1%
76.5%	55.5	55.5	0.0	0.0%
77.8%	55.5	55.4	0.0	-0.1%
79.0%	55.4	55.4	0.0	-0.1%
80.2%	55.4	55.4	0.0	0.0%
81.5%	55.4	55.4	0.0	0.0%
82.7%	55.3	55.3	0.0	0.1%
84.0%	55.2	55.3	0.0	0.0%
85.2%	55.1	55.1	0.0	0.1%
86.4%	55.0	55.1	0.1	0.1%
87.7%	55.0	55.1	0.0	0.0%
88.9%	55.0	55.1	0.0	0.1%
90.1%	54.9	55.1	0.2	0.3%
91.4%	54.8	54.7	-0.1	-0.1%
92.6%	54.6	54.6	0.1	0.1%
93.8%	54.4	54.6	0.1	0.2%
95.1%	54.4	54.5	0.1	0.1%
96.3%	54.3	54.4	0.1	0.2%
97.5%	54.3	54.2	-0.1	-0.1%
98.8%	53.9	53.9	0.0	0.0%
100.0%	53.8	53.7	-0.1	-0.2%

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Alternative C Compared to No Action Alternative

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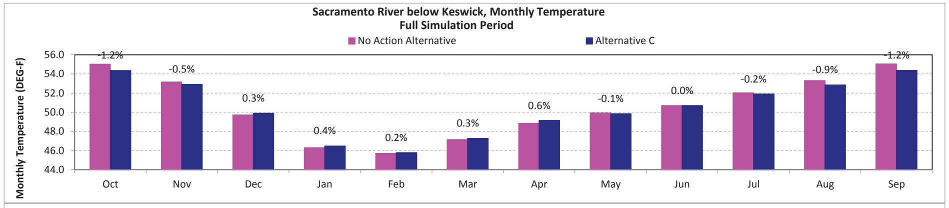
Table SQ-02-7a
Sacramento River below Keswick, Monthly Temperature
Long-term Average and Average by Water Year Type

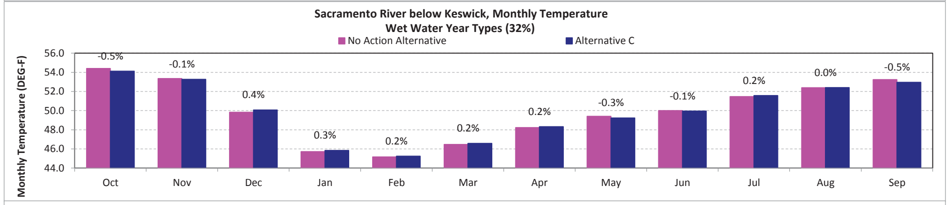
	Monthly Temperature (DEG-F)											
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period[1]												
No Action Alternative	55.0	53.2	49.7	46.3	45.7	47.1	48.8	49.9	50.7	52.0	53.3	55.0
Alternative C	54.4	52.9	49.9	46.5	45.8	47.3	49.1	49.8	50.7	51.9	52.8	54.4
Difference	-0.7	-0.2	0.2	0.2	0.1	0.1	0.3	-0.1	0.0	-0.1	-0.5	-0.7
Percent Difference[3]	-1.2%	-0.5%	0.3%	0.4%	0.2%	0.3%	0.6%	-0.1%	0.0%	-0.2%	-0.9%	-1.2%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	54.4	53.3	49.8	45.7	45.2	46.5	48.2	49.4	50.0	51.5	52.4	53.2
Alternative C	54.1	53.3	50.1	45.8	45.2	46.6	48.3	49.2	50.0	51.6	52.4	53.0
Difference	-0.3	-0.1	0.2	0.1	0.1	0.1	0.1	-0.2	0.0	0.1	0.0	-0.3
Percent Difference	-0.5%	-0.1%	0.4%	0.3%	0.2%	0.2%	0.2%	-0.3%	-0.1%	0.2%	0.0%	-0.5%
Above Normal (15%)												
No Action Alternative	53.5	52.7	50.0	46.2	45.6	47.2	48.9	49.8	49.8	51.1	52.7	53.7
Alternative C	52.9	52.5	50.3	46.4	45.7	47.3	49.1	49.6	49.9	51.1	52.7	53.5
Difference	-0.6	-0.2	0.2	0.2	0.1	0.1	0.2	-0.1	0.2	0.0	0.0	-0.2
Percent Difference	-1.0%	-0.3%	0.5%	0.4%	0.1%	0.2%	0.4%	-0.3%	0.3%	0.0%	-0.1%	-0.4%
Below Normal (17%)												
No Action Alternative	53.1	52.4	49.9	46.6	45.6	47.0	49.0	49.8	50.3	51.4	52.1	53.8
Alternative C	52.7	52.1	50.0	46.7	45.6	47.0	49.2	49.8	50.4	51.3	52.1	53.3
Difference	-0.4	-0.3	0.0	0.1	0.0	0.0	0.3	0.0	0.1	-0.1	0.0	-0.5
Percent Difference	-0.8%	-0.5%	0.1%	0.2%	0.0%	0.1%	0.5%	0.0%	0.1%	-0.2%	0.0%	-0.9%
Dry (22%)												
No Action Alternative	55.3	53.5	49.8	46.8	46.0	47.6	49.0	49.8	50.9	51.7	53.2	55.5
Alternative C	54.3	52.9	49.8	47.0	46.1	47.8	49.5	49.8	51.0	51.7	52.6	54.5
Difference	-1.1	-0.6	0.0	0.2	0.1	0.2	0.5	0.1	0.0	0.0	-0.6	-1.0
Percent Difference	-2.0%	-1.1%	0.0%	0.4%	0.2%	0.4%	1.0%	0.2%	0.0%	0.0%	-1.1%	-1.7%
Critical (15%)												
No Action Alternative	59.6	53.6	48.8	46.6	46.4	48.1	49.7	51.5	53.2	55.5	57.4	61.1
Alternative C	58.4	53.4	49.2	46.9	46.7	48.2	50.1	51.4	52.9	54.5	55.3	59.3
Difference	-1.2	-0.1	0.4	0.3	0.2	0.2	0.5	-0.1	-0.2	-1.0	-2.2	-1.8
Percent Difference	-2.0%	-0.2%	0.8%	0.6%	0.5%	0.4%	1.0%	-0.2%	-0.4%	-1.7%	-3.8%	-3.0%

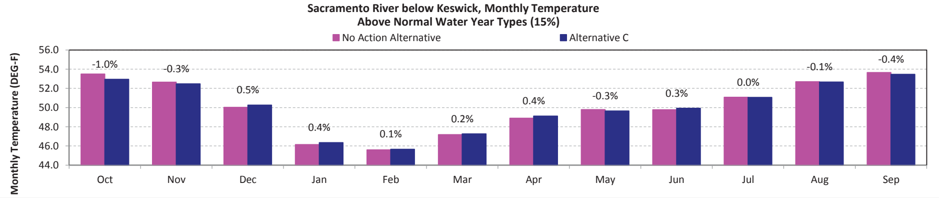
1 Based on the 82-year simulation period

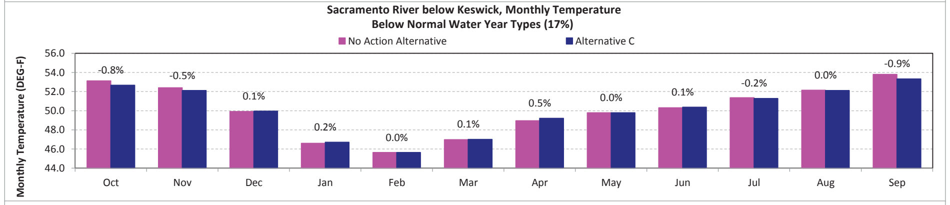
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

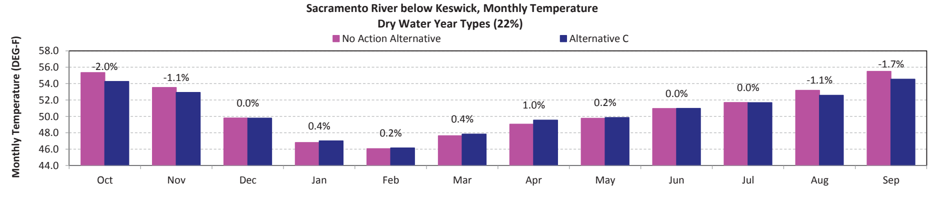
3 Relative difference of the monthly average


Sacramento River below Keswick, Monthly Temperature
Full Simulation Period


Sacramento River below Keswick, Monthly Temperature
Wet Water Year Types (32%)


Sacramento River below Keswick, Monthly Temperature
Above Normal Water Year Types (15%)


Sacramento River below Keswick, Monthly Temperature
Below Normal Water Year Types (17%)


Sacramento River below Keswick, Monthly Temperature
Dry Water Year Types (22%)

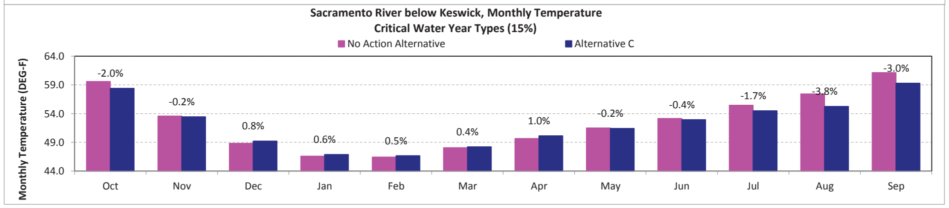

Sacramento River below Keswick, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-02-7b
Sacramento River below Keswick, Monthly Temperature
Probability of Exceedance

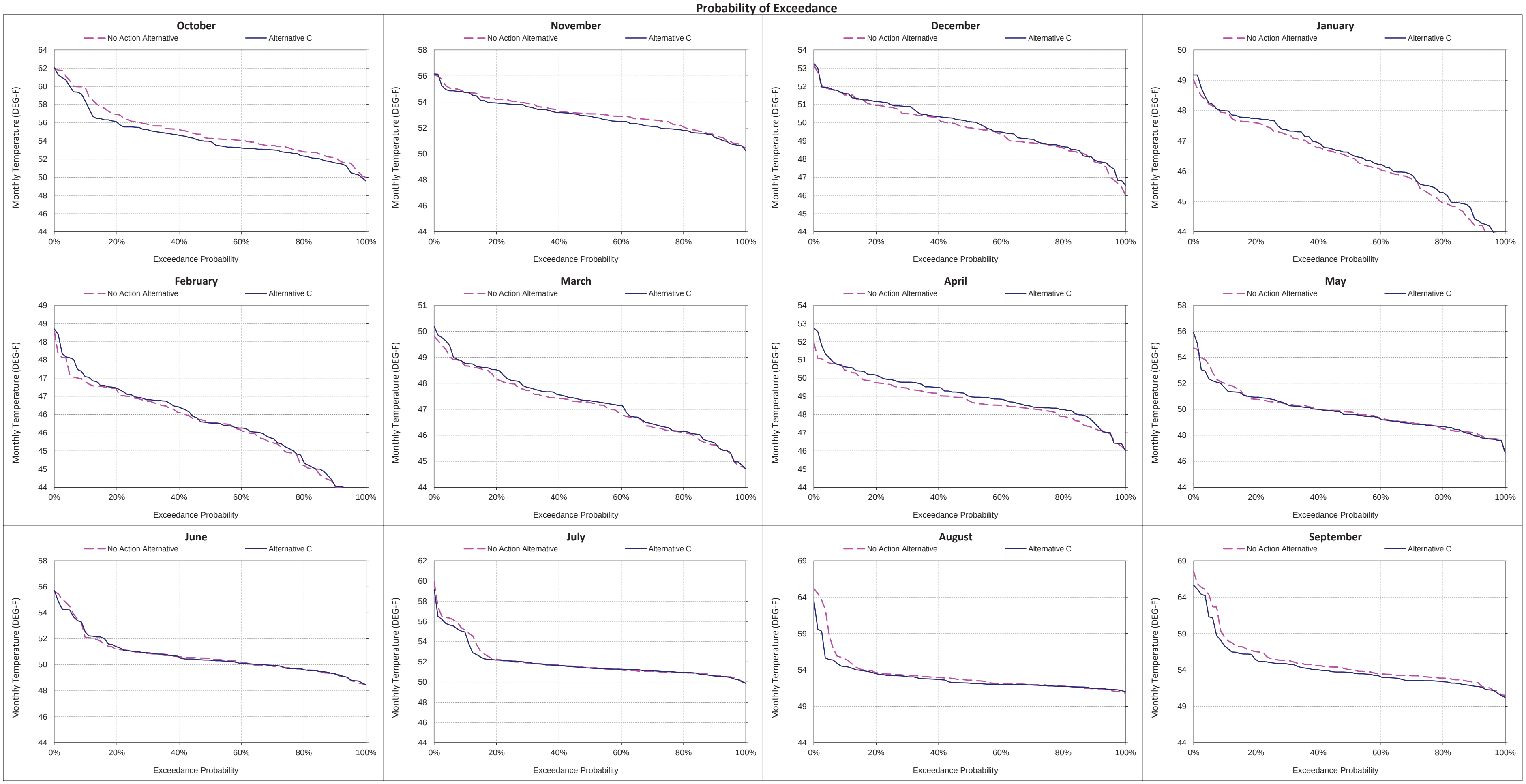


Table SQ-02-7b

Sacramento River below Keswick, Monthly Temperature
Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	62.0	62.1	0.1	0.1%
1.2%	61.8	61.3	-0.5	-0.9%
2.5%	61.8	61.0	-0.8	-1.3%
3.7%	61.1	60.7	-0.4	-0.7%
4.9%	60.6	60.0	-0.6	-1.0%
6.2%	60.0	59.4	-0.6	-1.0%
7.4%	60.0	59.4	-0.6	-1.0%
8.6%	60.0	59.2	-0.8	-1.3%
9.9%	59.9	58.4	-1.5	-2.5%
11.1%	58.9	57.6	-1.3	-2.2%
12.3%	58.5	56.7	-1.7	-3.0%
13.6%	58.0	56.5	-1.6	-2.7%
14.8%	57.7	56.5	-1.3	-2.2%
16.0%	57.6	56.3	-1.3	-2.2%
17.3%	57.3	56.3	-1.0	-1.7%
18.5%	57.0	56.2	-0.8	-1.5%
19.8%	56.9	56.2	-0.8	-1.3%
21.0%	56.9	55.8	-1.1	-1.9%
22.2%	56.5	55.5	-0.9	-1.7%
23.5%	56.3	55.5	-0.8	-1.4%
24.7%	56.2	55.5	-0.6	-1.1%
25.9%	56.1	55.5	-0.6	-1.1%
27.2%	56.1	55.5	-0.6	-1.0%
28.4%	55.9	55.3	-0.6	-1.1%
29.6%	55.9	55.3	-0.6	-1.0%
30.9%	55.8	55.1	-0.6	-1.1%
32.1%	55.6	55.0	-0.6	-1.1%
33.3%	55.6	55.0	-0.7	-1.2%
34.6%	55.6	55.0	-0.7	-1.2%
35.8%	55.4	54.9	-0.5	-0.9%
37.0%	55.3	54.8	-0.6	-1.0%
38.3%	55.3	54.7	-0.6	-1.1%
39.5%	55.3	54.7	-0.6	-1.1%
40.7%	55.2	54.6	-0.6	-1.1%
42.0%	55.1	54.5	-0.6	-1.1%
43.2%	55.0	54.4	-0.6	-1.1%
44.4%	54.9	54.3	-0.6	-1.0%
45.7%	54.7	54.1	-0.6	-1.1%
46.9%	54.7	54.0	-0.7	-1.3%
48.1%	54.4	54.0	-0.4	-0.7%
49.4%	54.3	54.0	-0.3	-0.6%
50.6%	54.3	53.9	-0.4	-0.8%
51.9%	54.2	53.5	-0.7	-1.3%
53.1%	54.2	53.5	-0.7	-1.4%
54.3%	54.2	53.4	-0.8	-1.4%
55.6%	54.2	53.3	-0.8	-1.6%
56.8%	54.2	53.3	-0.8	-1.5%
58.0%	54.1	53.3	-0.8	-1.5%
59.3%	54.1	53.3	-0.8	-1.5%
60.5%	54.0	53.2	-0.8	-1.6%
61.7%	54.0	53.2	-0.8	-1.4%
63.0%	53.9	53.2	-0.7	-1.3%
64.2%	53.9	53.1	-0.7	-1.3%
65.4%	53.7	53.1	-0.6	-1.1%
66.7%	53.6	53.1	-0.5	-1.0%
67.9%	53.5	53.0	-0.5	-0.9%
69.1%	53.5	53.0	-0.5	-0.9%
70.4%	53.5	53.0	-0.5	-0.9%
71.6%	53.4	53.0	-0.4	-0.8%
72.8%	53.4	52.8	-0.6	-1.1%
74.1%	53.4	52.7	-0.6	-1.2%
75.3%	53.2	52.7	-0.5	-1.0%
76.5%	53.1	52.6	-0.4	-0.8%
77.8%	52.9	52.6	-0.3	-0.6%
79.0%	52.9	52.4	-0.5	-1.0%
80.2%	52.8	52.3	-0.5	-0.9%
81.5%	52.8	52.2	-0.6	-1.0%
82.7%	52.7	52.1	-0.6	-1.2%
84.0%	52.7	52.1	-0.6	-1.2%
85.2%	52.5	52.0	-0.5	-1.0%
86.4%	52.4	51.9	-0.5	-1.0%
87.7%	52.3	51.8	-0.5	-0.9%
88.9%	52.2	51.7	-0.5	-0.9%
90.1%	52.2	51.6	-0.6	-1.2%
91.4%	51.8	51.5	-0.3	-0.6%
92.6%	51.6	51.4	-0.2	-0.4%
93.8%	51.6	51.2	-0.4	-0.8%
95.1%	51.5	50.5	-1.0	-2.0%
96.3%	51.0	50.4	-0.7	-1.3%
97.5%	50.6	50.3	-0.3	-0.6%
98.8%	50.1	49.9	-0.2	-0.5%
100.0%	50.0	49.6	0.0	-0.8%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.1	56.2	0.1	0.2%
1.2%	56.0	56.1	0.2	0.3%
2.5%	55.7	55.3	-0.5	-0.9%
3.7%	55.3	55.0	-0.3	-0.6%
4.9%	55.1	54.9	-0.2	-0.4%
6.2%	55.0	54.9	-0.2	-0.3%
7.4%	55.0	54.8	-0.2	-0.3%
8.6%	54.9	54.8	-0.1	-0.2%
9.9%	54.7	54.7	0.0	0.0%
11.1%	54.7	54.7	0.0	0.1%
12.3%	54.7	54.5	-0.2	-0.3%
13.6%	54.7	54.5	-0.2	-0.4%
14.8%	54.4	54.1	-0.3	-0.5%
16.0%	54.3	54.1	-0.2	-0.4%
17.3%	54.3	54.0	-0.4	-0.7%
18.5%	54.3	53.9	-0.4	-0.7%
19.8%	54.2	53.9	-0.3	-0.6%
21.0%	54.2	53.9	-0.3	-0.6%
22.2%	54.2	53.9	-0.3	-0.5%
23.5%	54.2	53.9	-0.3	-0.6%
24.7%	54.1	53.8	-0.3	-0.5%
25.9%	54.0	53.8	-0.2	-0.5%
27.2%	54.0	53.8	-0.2	-0.3%
28.4%	54.0	53.8	-0.2	-0.3%
29.6%	53.9	53.6	-0.3	-0.5%
30.9%	53.8	53.6	-0.2	-0.5%
32.1%	53.8	53.5	-0.3	-0.5%
33.3%	53.6	53.4	-0.2	-0.4%
34.6%	53.6	53.4	-0.2	-0.4%
35.8%	53.6	53.4	-0.2	-0.4%
37.0%	53.5	53.3	-0.1	-0.3%
38.3%	53.4	53.2	-0.2	-0.4%
39.5%	53.4	53.2	-0.2	-0.4%
40.7%	53.2	53.2	-0.1	-0.1%
42.0%	53.2	53.2	-0.1	-0.1%
43.2%	53.2	53.1	-0.1	-0.1%
44.4%	53.2	53.1	-0.1	-0.2%
45.7%	53.1	53.1	-0.1	-0.1%
46.9%	53.1	53.0	-0.2	-0.3%
48.1%	53.1	52.9	-0.2	-0.3%
49.4%	53.1	52.9	-0.2	-0.3%
50.6%	53.1	52.9	-0.2	-0.4%
51.9%	53.1	52.8	-0.3	-0.5%
53.1%	53.1	52.8	-0.3	-0.6%
54.3%	53.0	52.6	-0.4	-0.7%
55.6%	53.0	52.6	-0.4	-0.7%
56.8%	52.9	52.5	-0.4	-0.7%
58.0%	52.9	52.5	-0.4	-0.7%
59.3%	52.9	52.5	-0.4	-0.8%
60.5%	52.9	52.5	-0.4	-0.7%
61.7%	52.9	52.5	-0.4	-0.8%
63.0%	52.8	52.3	-0.5	-0.9%
64.2%	52.7	52.3	-0.4	-0.7%
65.4%	52.7	52.3	-0.4	-0.8%
66.7%	52.7	52.2	-0.5	-0.9%
67.9%	52.7	52.2	-0.5	-1.0%
69.1%	52.7	52.1	-0.5	-1.0%
70.4%	52.6	52.1	-0.5	-1.0%
71.6%	52.6	52.1	-0.5	-1.0%
72.8%	52.5	52.0	-0.6	-1.1%
74.1%	52.5	51.9	-0.6	-1.1%
75.3%	52.5	51.9	-0.5	-1.0%
76.5%	52.3	51.9	-0.4	-0.7%
77.8%	52.2	51.9	-0.3	-0.6%
79.0%	52.2	51.9	-0.3	-0.6%
80.2%	52.1	51.8	-0.3	-0.5%
81.5%	51.9	51.8	-0.2	-0.3%
82.7%	51.9	51.6	-0.2	-0.4%
84.0%	51.8	51.6	-0.2	-0.4%
85.2%	51.7	51.6	-0.1	-0.2%
86.4%	51.7	51.6	-0.1	-0.2%
87.7%	51.6	51.5	-0.1	-0.1%
88.9%	51.6	51.5	-0.1	-0.2%
90.1%	51.4	51.3	-0.1	-0.3%
91.4%	51.3	51.2	-0.1	-0.3%
92.6%	51.3	51.0	-0.2	-0.5%
93.8%	51.0	51.0	-0.1	-0.1%
95.1%	50.9	50.8	-0.2	-0.3%
96.3%	50.8	50.7	-0.1	-0.1%
97.5%	50.8	50.7	-0.1	-0.3%
98.8%	50.6	50.6	0.1	0.1%
100.0%	50.5	50.2	-0.3	-0.5%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.2	53.3	0.1	0.2%
1.2%	52.8	53.0	0.2	0.5%
2.5%	52.1	52.0	-0.1	-0.2%
3.7%	51.9	52.0	0.0	0.1%
4.9%	51.9	51.9	0.1	0.1%
6.2%	51.8	51.8	0.0	0.0%
7.4%	51.7	51.8	0.1	0.1%
8.6%	51.7	51.7	0.0	0.0%
9.9%	51.5	51.6	0.1	0.1%
11.1%	51.5	51.6	0.1	0.1%
12.3%	51.5	51.4	-0.2	-0.3%
13.6%	51.3	51.4	0.1	0.1%
14.8%	51.2	51.3	0.1	0.1%
16.0%	51.2	51.3	0.0	0.1%
17.3%	51.1	51.2	0.2	0.4%
18.5%	51.0	51.2	0.2	0.4%
19.8%	51.0	51.2	0.2	0.4%
21.0%	50.9	51.2	0.2	0.4%
22.2%	50.9	51.1	0.2	0.4%
23.5%	50.9	51.1	0.3	0.5%
24.7%	50.9	51.0	0.2	0.3%
25.9%	50.8	50.9	0.1	0.2%
27.2%	50.7	50.9	0.2	0.4%
28.4%	50.5	50.9	0.4	0.8%
29.6%	50.5	50.9	0.4	0.8%
30.9%	50.5	50.9	0.4	0.8%
32.1%	50.5	50.7	0.3	0.6%
33.3%	50.4	50.6	0.2	0.3%
34.6%	50.4	50.5	0.1	0.1%
35.8%	50.4	50.5	0.1	0.2%
37.0%	50.3	50.4	0.1	0.1%
38.3%	50.3	50.4	0.1	0.1%
39.5%	50.3	50.4	0.1	0.1%
40.7%	50.1	50.3	0.2	0.5%
42.0%	50.0	50.3	0.3	0.5%
43.2%	50.0	50.3	0.3	0.6%
44.4%	50.0	50.3	0.3	0.5%
45.7%	49.9	50.2	0.3	0.5%
46.9%	49.8	50.2	0.3	0.7%
48.1%	49.8	50.1	0.3	0.6%
49.4%	49.7	50.1	0.3	0.7%
50.6%	49.7	50.0	0.3	0.7%
51.9%	49.7	50.0	0.4	0.7%
53.1%	49.7	49.9	0.3	0.5%
54.3%	49.6	49.8	0.2	0.4%
55.6%	49.6	49.7	0.1	0.2%
56.8%	49.6	49.6	0.1	0.1%
58.0%	49.5	49.5	0.0	0.0%
59.3%	49.4	49.5	0.1	0.2%
60.5%	49.4	49.5	0.1	0.3%
61.7%	49.2	49.4	0.3	0.5%
63.0%	49.0	49.4	0.4	0.8%
64.2%	49.0	49.4	0.4	0.8%
65.4%	49.0	49.2	0.2	0.4%
66.7%	48.9	49.1	0.2	0.4%
67.9%	48.9	49.1	0.2	0.4%
69.1%	48.9	49.1	0.2	0.4%
70.4%	48.9	49.1	0.2	0.4%
71.6%	48.8	49.0	0.1	0.2%
72.8%	48.8	48.9	0.0	0.1%
74.1%	48.8	48.9	0.0	0.0%
75.3%	48.8	48.8	0.0	0.1%
76.5%	48.7	48.8	0.0	0.1%
77.8%	48.7	48.8	0.1	0.2%
79.0%	48.7	48.7	0.1	0.1%
80.2%	48.6	48.7	0.1	0.2%
81.5%	48.5	48.7	0.2	0.4%
82.7%	48.4	48.5	0.1	0.2%
84.0%	48.4	48.5	0.1	0.2%
85.2%	48.4	48.5	0.1	0.2%
86.4%	48.3	48.2	-0.2	-0.3%
87.7%	48.2	48.1	-0.1	-0.1%
88.9%	48.0	48.1	0.1	0.2%
90.1%	47.8	48.0	0.1	0.2%
91.4%	47.8	47.9	0.1	0.1%
92.6%	47.8	47.8	0.1	0.2%
93.8%	47.5	47.8	0.3	0.5%
95.1%	47.0	47.6	0.6	1.3%
96.3%	46.9	47.4	0.6	1.3%
97.5%	46.7	46.8	0.2	0.4%
98.8%	46.5	46.8	0.4	0.8%
100.0%	46.0	46.6	0.5	1.2%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	49.0	49.2	0.2	0.3%
1.2%	48.7	49.2	0.4	0.9%
2.5%	48.5	48.8	0.3	0.6%
3.7%	48.4	48.5	0.1	0.2%
4.9%	48.2	48.3	0.0	0.1%
6.2%	48.1	48.2	0.1	0.1%
7.4%	48.1	48.1	-0.1	-0.1%
8.6%	47.9	48.0	0.1	0.1%
9.9%	47.9	48.0	0.1	0.1%
11.1%	47.9	48.0	0.1	0.1%
12.3%	47.7	47.9	0.1	0.3%
13.6%	47.7	47.8	0.2	0.4%
14.8%	47.7	47.8	0.1	0.3%
16.0%	47.6	47.8	0.1	0.3%
17.3%	47.6	47.8	0.1	0.3%
18.5%	47.6	47.7	0.1	0.3%
19.8%	47.6	47.7	0.1	0.3%
21.0%	47.6	47.7	0.1	0.3%
22.2%	47.5	47.7	0.2	0.4%
23.5%	47.5	47.7	0.2	0.5%
24.7%	47.4	47.7	0.2	0.5%
25.9%	47.3	47.7	0.4	0.8%
27.2%	47.3	47.5	0.2	0.4%
28.4%	47.3	47.4	0.1	0.2%
29.6%	47.2	47.4	0.2	0.3%
30.9%	47.2	47.3	0.1	0.3%
32.1%	47.1	47.3	0.2	0.5%
33.3%	47.1	47.3	0.2	0.5%
34.6%	47.0	47.3	0.3	0.6%
35.8%	47.0	47.1	0.1	0.3%
37.0%	46.9	47.1	0.2	0.5%
38.3%	46.9	47.0	0.1	0.2%
39.5%	46.8	47.0	0.2	0.4%
40.7%	46.8	46.9	0.1	0.3%
42.0%	46.7	46.8	0.1	0.2%
43.2%	46.7	46.8	0.1	0.2%
44.4%	46.7	46.7	0.1	0.2%
45.7%	46.6	46.7	0.1	0.2%
46.9%	46.6	46.7	0.1	0.2%
48.1%	46.6	46.6	0.1	0.2%
49.4%	46.5	46.6	0.1	0.3%
50.6%	46.5	46.5	0.1	0.2%
51.9%	46.4	46.5	0.1	0.2%
53.1%	46.3	46.5	0.2	0.4%
54.3%	46.2	46.4	0.2	0.5%
55.6%	46.2	46.3	0.2	0.4%
56.8%	46.1	46.3	0.2	0.4%
58.0%	46.1	46.3	0.2	0.3%
59.3%	46.1	46.2	0.1	0.3%
60.5%	46.0	46.2	0.2	0.4%
61.7%	46.0	46.1	0.1	0.3%
63.0%	46.0	46.1	0.2	0.3%
64.2%	45.9	46.0	0.1	0.2%
65.4%	45.9	46.0	0.1	0.2%
66.7%	45.9	46.0	0.1	0.3%
67.9%	45.8	46.0	0.1	0.3%
69.1%	45.8	45.9	0.1	0.3%
70.4%	45.7	45.9	0.1	0.3%
71.6%	45.7	45.7	0.0	0.0%
72.8%	45.4	45.6	0.2	0.3%
74.1%	45.4	45.5	0.2	0.4%
75.3%	45.3	45.5	0.2	0.5%
76.5%	45.2	45.5	0.3	0.6%
77.8%	45.1	45.4	0.3	0.6%
79.0%	45.0	45.3	0.3	0.6%
80.2%	44.9	45.3	0.3	0.8%
81.5%	44.9	45.2	0.3	0.6%
82.7%	44.9	45.0	0.1	0.2%
84.0%	44.8	45.0	0.1	0.3%
85.2%	44.7	45.0	0.2	0.5%
86.4%	44.7	44.9	0.3	0.6%
87.7%	44.5	44.9	0.4	1.0%
88.9%	44.4	44.8	0.4	0.9%
90.1%	44.2	44.4	0.2	0.5%
91.4%	44.2	44.4	0.2	0.4%
92.6%	44.2	44.3	0.1	0.2%
93.8%	44.0	44.2	0.3	0.6%
95.1%	43.9	44.2	0.3	0.6%
96.3%	43.8	44.0	0.2	0.4%
97.5%	43.7	44.0	0.3	0.6%
98.8%	43.6	43.7	0.1	0.2%
100.0%	42.1	42.7	0.5	1.2%

Table SQ-02-7b

Sacramento River below Keswick, Monthly Temperature
Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	48.3	48.4	0.1	0.1%
1.2%	47.6	48.2	0.5	1.1%
2.5%	47.6	47.7	0.1	0.2%
3.7%	47.6	47.6	0.0	0.0%
4.9%	47.1	47.6	0.5	1.0%
6.2%	47.0	47.5	0.5	1.0%
7.4%	47.0	47.2	0.2	0.5%
8.6%	47.0	47.2	0.2	0.4%
9.9%	46.9	47.0	0.1	0.3%
11.1%	46.8	47.0	0.2	0.4%
12.3%	46.8	46.9	0.1	0.3%
13.6%	46.8	46.9	0.1	0.3%
14.8%	46.8	46.8	0.0	0.0%
16.0%	46.8	46.8	0.0	0.1%
17.3%	46.7	46.8	0.0	0.1%
18.5%	46.7	46.8	0.0	0.1%
19.8%	46.7	46.7	0.0	0.0%
21.0%	46.5	46.7	0.2	0.3%
22.2%	46.5	46.6	0.1	0.2%
23.5%	46.5	46.6	0.0	0.1%
24.7%	46.5	46.5	0.0	0.1%
25.9%	46.4	46.5	0.0	0.1%
27.2%	46.4	46.5	0.0	0.1%
28.4%	46.4	46.4	0.0	0.1%
29.6%	46.4	46.4	0.0	0.1%
30.9%	46.4	46.4	0.0	0.1%
32.1%	46.3	46.4	0.1	0.2%
33.3%	46.3	46.4	0.1	0.2%
34.6%	46.2	46.4	0.1	0.3%
35.8%	46.2	46.4	0.1	0.3%
37.0%	46.2	46.3	0.1	0.3%
38.3%	46.1	46.2	0.1	0.2%
39.5%	46.1	46.2	0.2	0.3%
40.7%	46.0	46.2	0.1	0.3%
42.0%	46.0	46.1	0.1	0.3%
43.2%	46.0	46.1	0.1	0.2%
44.4%	45.9	45.9	0.1	0.1%
45.7%	45.9	45.9	0.0	0.1%
46.9%	45.9	45.8	-0.1	-0.1%
48.1%	45.8	45.8	0.0	-0.1%
49.4%	45.8	45.8	0.0	-0.1%
50.6%	45.8	45.8	0.0	0.0%
51.9%	45.8	45.8	0.0	0.0%
53.1%	45.8	45.8	0.0	0.0%
54.3%	45.7	45.7	0.0	-0.1%
55.6%	45.7	45.7	0.0	-0.1%
56.8%	45.7	45.7	0.0	0.0%
58.0%	45.6	45.6	0.0	0.1%
59.3%	45.6	45.6	0.0	0.1%
60.5%	45.5	45.6	0.1	0.2%
61.7%	45.5	45.6	0.1	0.2%
63.0%	45.5	45.5	0.0	0.1%
64.2%	45.5	45.5	0.0	0.1%
65.4%	45.4	45.5	0.1	0.3%
66.7%	45.3	45.5	0.1	0.3%
67.9%	45.3	45.4	0.1	0.3%
69.1%	45.2	45.4	0.1	0.3%
70.4%	45.2	45.3	0.1	0.3%
71.6%	45.2	45.2	0.0	0.1%
72.8%	45.1	45.2	0.1	0.2%
74.1%	45.0	45.1	0.1	0.3%
75.3%	45.0	45.1	0.1	0.2%
76.5%	44.9	45.0	0.1	0.2%
77.8%	44.9	44.9	0.0	0.1%
79.0%	44.6	44.9	0.3	0.6%
80.2%	44.6	44.7	0.1	0.1%
81.5%	44.5	44.6	0.1	0.2%
82.7%	44.5	44.6	0.0	0.1%
84.0%	44.5	44.5	0.0	0.0%
85.2%	44.3	44.5	0.2	0.4%
86.4%	44.3	44.4	0.2	0.3%
87.7%	44.2	44.3	0.1	0.3%
88.9%	44.2	44.2	0.0	0.1%
90.1%	44.0	44.0	0.0	0.0%
91.4%	44.0	44.0	0.0	0.0%
92.6%	44.0	44.0	0.0	0.1%
93.8%	43.9	44.0	0.1	0.1%
95.1%	43.9	43.9	0.0	0.0%
96.3%	43.6	43.6	0.0	0.0%
97.5%	43.6	43.6	0.0	0.0%
98.8%	43.4	43.5	0.1	0.3%
100.0%	43.1	43.1	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	49.8	50.2	0.4	0.7%
1.2%	49.6	49.9	0.2	0.4%
2.5%	49.5	49.8	0.3	0.6%
3.7%	49.3	49.6	0.3	0.7%
4.9%	49.0	49.5	0.4	0.9%
6.2%	48.9	49.0	0.1	0.2%
7.4%	48.9	48.9	0.0	0.0%
8.6%	48.9	48.9	0.0	0.0%
9.9%	48.7	48.8	0.1	0.2%
11.1%	48.7	48.8	0.1	0.2%
12.3%	48.6	48.7	0.1	0.3%
13.6%	48.6	48.6	0.0	0.1%
14.8%	48.6	48.6	0.1	0.1%
16.0%	48.5	48.6	0.1	0.2%
17.3%	48.5	48.6	0.1	0.2%
18.5%	48.4	48.5	0.2	0.3%
19.8%	48.2	48.5	0.4	0.8%
21.0%	48.1	48.5	0.4	0.8%
22.2%	48.1	48.3	0.3	0.5%
23.5%	48.0	48.2	0.2	0.4%
24.7%	48.0	48.1	0.1	0.3%
25.9%	48.0	48.1	0.1	0.2%
27.2%	47.8	48.1	0.3	0.6%
28.4%	47.8	47.9	0.1	0.3%
29.6%	47.7	47.9	0.1	0.3%
30.9%	47.7	47.8	0.1	0.2%
32.1%	47.6	47.8	0.2	0.4%
33.3%	47.6	47.7	0.2	0.3%
34.6%	47.5	47.7	0.2	0.4%
35.8%	47.5	47.7	0.2	0.4%
37.0%	47.5	47.7	0.2	0.5%
38.3%	47.4	47.7	0.2	0.5%
39.5%	47.4	47.6	0.1	0.3%
40.7%	47.4	47.5	0.1	0.3%
42.0%	47.4	47.5	0.1	0.2%
43.2%	47.4	47.5	0.1	0.2%
44.4%	47.3	47.4	0.1	0.3%
45.7%	47.3	47.4	0.1	0.3%
46.9%	47.3	47.4	0.1	0.2%
48.1%	47.3	47.3	0.1	0.1%
49.4%	47.3	47.3	0.1	0.1%
50.6%	47.2	47.3	0.1	0.2%
51.9%	47.2	47.3	0.1	0.2%
53.1%	47.2	47.3	0.1	0.2%
54.3%	47.2	47.3	0.1	0.2%
55.6%	47.0	47.2	0.2	0.4%
56.8%	47.0	47.2	0.2	0.5%
58.0%	47.0	47.2	0.2	0.4%
59.3%	46.9	47.1	0.3	0.6%
60.5%	46.8	47.1	0.4	0.8%
61.7%	46.7	46.9	0.1	0.3%
63.0%	46.7	46.7	0.0	0.1%
64.2%	46.7	46.7	0.0	0.0%
65.4%	46.7	46.7	0.0	0.0%
66.7%	46.6	46.6	0.0	0.0%
67.9%	46.4	46.5	0.1	0.3%
69.1%	46.4	46.5	0.1	0.2%
70.4%	46.3	46.4	0.1	0.3%
71.6%	46.3	46.4	0.1	0.2%
72.8%	46.3	46.4	0.1	0.2%
74.1%	46.2	46.3	0.1	0.3%
75.3%	46.2	46.3	0.1	0.2%
76.5%	46.2	46.2	0.0	0.0%
77.8%	46.1	46.2	0.0	0.0%
79.0%	46.1	46.2	0.0	0.1%
80.2%	46.1	46.2	0.1	0.1%
81.5%	46.1	46.1	0.0	0.1%
82.7%	46.0	46.1	0.0	0.1%
84.0%	45.9	46.0	0.1	0.3%
85.2%	45.8	46.0	0.2	0.5%
86.4%	45.7	45.8	0.1	0.2%
87.7%	45.7	45.8	0.1	0.2%
88.9%	45.6	45.7	0.1	0.2%
90.1%	45.6	45.7	0.1	0.1%
91.4%	45.6	45.5	-0.1	-0.2%
92.6%	45.4	45.4	0.0	0.0%
93.8%	45.4	45.4	0.0	0.0%
95.1%	45.3	45.4	0.1	0.1%
96.3%	45.0	45.0	0.0	0.0%
97.5%	44.8	45.0	0.1	0.3%
98.8%	44.8	44.9	0.1	0.1%
100.0%	44.7	44.7	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	52.0	52.8	0.8	1.5%
1.2%	51.1	52.6	1.5	2.8%
2.5%	51.1	51.8	0.7	1.5%
3.7%	50.9	51.4	0.4	0.8%
4.9%	50.8	51.1	0.3	0.6%
6.2%	50.8	50.9	0.1	0.2%
7.4%	50.8	50.8	0.0	-0.1%
8.6%	50.8	50.7	-0.1	-0.1%
9.9%	50.4	50.6	0.2	0.3%
11.1%	50.4	50.6	0.2	0.3%
12.3%	50.3	50.6	0.3	0.5%
13.6%	50.3	50.4	0.1	0.3%
14.8%	50.0	50.4	0.4	0.7%
16.0%	49.9	50.4	0.5	1.0%
17.3%	49.9	50.2	0.3	0.7%
18.5%	49.8	50.2	0.4	0.7%
19.8%	49.8	50.2	0.4	0.8%
21.0%	49.7	50.1	0.4	0.7%
22.2%	49.7	50.0	0.3	0.5%
23.5%	49.7	49.9	0.3	0.5%
24.7%	49.6	49.9	0.3	0.5%
25.9%	49.5	49.9	0.3	0.7%
27.2%	49.5	49.8	0.3	0.6%
28.4%	49.5	49.8	0.3	0.6%
29.6%	49.5	49.8	0.3	0.6%
30.9%	49.4	49.8	0.4	0.8%
32.1%	49.4	49.8	0.4	0.8%
33.3%	49.3	49.7	0.4	0.8%
34.6%	49.3	49.7	0.4	0.8%
35.8%	49.3	49.5	0.3	0.5%
37.0%	49.2	49.5	0.3	0.6%
38.3%	49.2	49.5	0.3	0.7%
39.5%	49.2	49.5	0.3	0.7%
40.7%	49.0	49.5	0.4	0.9%
42.0%	49.0	49.3	0.3	0.6%
43.2%	49.0	49.3	0.3	0.6%
44.4%	49.0	49.2	0.3	0.6%
45.7%	48.9	49.2	0.3	0.6%
46.9%	48.9	49.2	0.3	0.5%
48.1%	48.9	49.2	0.2	0.5%
49.4%	48.8	49.0	0.2	0.5%
50.6%	48.7	49.0	0.3	0.6%
51.9%	48.6	49.0	0.3	0.7%
53.1%	48.6	49.0	0.4	0.7%
54.3%	48.6	48.9	0.4	0.7%
55.6%	48.5	48.9	0.4	0.8%
56.8%	48.5	48.9	0.4	0.8%
58.0%	48.5	48.9	0.3	0.7%
59.3%	48.5	48.9	0.3	0.7%
60.5%	48.5	48.8	0.3	0.7%
61.7%	48.5	48.8	0.3	0.6%
63.0%	48.4	48.7	0.3	0.5%
64.2%	48.4	48.7	0.3	0.5%
65.4%	48.4	48.6	0.2	0.4%
66.7%	48.4	48.6	0.2	0.4%
67.9%	48.4	48.5	0.1	0.3%
69.1%	48.3	48.5	0.2	0.3%
70.4%	48.3	48.4	0.1	0.2%
71.6%	48.3	48.4	0.1	0.2%
72.8%	48.3	48.4	0.1	0.3%
74.1%	48.2	48.4	0.2	0.3%
75.3%	48.2	48.4	0.2	0.4%
76.5%	48.1	48.4	0.2	0.4%
77.8%	48.1	48.4	0.2	0.5%
79.0%	47.9	48.3	0.4	0.8%
80.2%	47.9	48.3	0.4	0.8%
81.5%	47.8	48.2	0.4	0.8%
82.7%	47.8	48.2	0.4	0.8%
84.0%	47.7	48.0	0.4	0.8%
85.2%	47.6	48.0	0.3	0.7%
86.4%	47.4	48.0	0.5	1.1%
87.7%	47.4	47.9	0.5	1.1%
88.9%	47.3	47.7	0.4	0.9%
90.1%	47.2	47.5	0.3	0.6%
91.4%	47.1	47.3	0.2	0.4%
92.6%	47.1	47.1	-0.1	-0.1%
93.8%	47.0	47.0	0.0	0.1%
95.1%	46.9	47.0	0.1	0.1%
96.3%	46.6	46.4	-0.2	-0.3%
97.5%	46.4	46.4	0.0	0.0%
98.8%	46.3	46.4	0.1	0.3%
100.0%	46.0	46.0	0.0	-0.1%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.7	55.9	1.2	2.2%
1.2%	54.6	55.1	0.4	0.8%
2.5%	54.0	53.0	-0.9	-1.7%
3.7%	53.8	52.9	-0.9	-1.6%
4.9%	53.4	52.3	-1.1	-2.1%
6.2%	52.8	52.2	-0.6	-1.2%
7.4%	52.3	52.1	-0.2	-0.4%
8.6%	52.1	52.0	-0.1	-0.2%
9.9%	52.0	51.7	-0.3	-0.6%
11.1%	51.9	51.4	-0.5	-1.0%
12.3%	51.8	51.3	-0.5	-0.9%
13.6%	51.6	51.3	-0.3	-0.6%
14.8%	51.6	51.3	-0.3	-0.5%
16.0%	51.1	51.1	0.0	-0.1%
17.3%	51.0	51.0	0.0	0.1%
18.5%	50.8	50.9	0.1	0.3%
19.8%	50.8	50.9	0.2	0.3%
21.0%	50.8	50.9	0.2	0.4%
22.2%	50.7	50.9	0.2	0.3%
23.5%	50.6	50.8	0.2	0.4%
24.7%	50.6	50.8	0.2	0.4%
25.9%	50.6	50.7	0.2	0.3%
27.2%	50.5	50.6	0.1	0.2%
28.4%	50.5	50.5	0.0	0.1%
29.6%	50.4	50.4	0.0	0.0%
30.9%	50.4	50.3	-0.1	-0.3%
32.1%	50.3	50.2	-0.1	-0.2%
33.3%	50.3	50.2	-0.1	-0.1%
34.6%	50.3	50.2	-0.1	-0.2%
35.8%	50.3	50.2	-0.1	-0.2%
37.0%	50.2	50.1	-0.1	-0.1%
38.3%	50.1	50.0	-0.1	-0.2%
39.5%	50.0	50.0	0.0	0.0%
40.7%	50.0	50.0	0.0	0.0%
42.0%	49.9	49.9	0.0	-0.1%
43.2%	49.9	49.9	0.0	0.0%
44.4%	49.9	49.9	0.0	0.0%
45.7%	49.9	49.8	-0.1	-0.2%
46.9%	49.9	49.8	-0.1	-0.2%
48.1%	49.8	49.6	-0.2	-0.4%
49.4%	49.8	49.6	-0.2	-0.4%
50.6%	49.8	49.6	-0.2	-0.4%
51.9%	49.8	49.6	-0.2	-0.3%
53.1%	49.6	49.5	0.0	-0.1%
54.3%	49.6	49.5	-0.1	-0.2%
55.6%	49.6	49.4	-0.1	-0.3%
56.8%	49.5	49.4	-0.1	-0.2%
58.0%	49.5	49.4	-0.1	-0.1%
59.3%	49.4	49.4	0.0	-0.1%
60.5%	49.3	49.2	-0.1	-0.3%
61.7%	49.2	49.2	0.0	-0.1%
63.0%	49.2	49.1	-0.1	-0.1%
64.2%	49.1	49.1	0.0	0.0%
65.4%	49.1	49.1	0.0	0.0%
66.7%	49.1	49.0	-0.1	-0.2%
67.9%	49.1	49.0	-0.1	-0.2%
69.1%	49.0	48.9	-0.1	-0.2%
70.4%	48.9	48.9	-0.1	-0.2%
71.6%	48.9	48.8	0.0	-0.1%
72.8%	48.9	48.8	0.0	-0.1%
74.1%	48.8	48.8	0.0	0.0%
75.3%	48.8	48.7	-0.1	-0.2%
76.5%	48.8	48.7	0.0	-0.1%
77.8%	48.8	48.7	0.0	-0.1%
79.0%	48.6	48.7	0.1	0.3%
80.2%	48.5	48.7	0.2	0.4%
81.5%	48.5	48.6	0.2	0.4%
82.7%	48.4	48.6	0.2	0.4%
84.0%	48.3	48.4	0.1	0.2%
85.2%	48.3	48.4	0.1	0.2%
86.4%	48.3	48.3	0.0	-0.1%
87.7%	48.3	48.2	-0.1	-0.2%
88.9%	48.2	48.1	-0.1	-0.3%
90.1%	48.2	48.0	-0.3	-0.5%
91.4%	48.1	47.9	-0.1	-0.3%
92.6%	47.9	47.8	-0.1	-0.3%
93.8%	47.8	47.8	0.0	-0.1%
95.1%	47.8	47.7	-0.1	-0.1%
96.3%	47.8	47.7	-0.1	-0.1%
97.5%	47.7	47.6	-0.1	-0.2%
98.8%	47.6	47.6	0.0	0.0%
100.0%	46.6	46.7	0.1	0.1%

Table SQ-02-7b

Sacramento River below Keswick, Monthly Temperature

Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	55.6	55.7	0.1	0.2%
1.2%	55.5	54.9	-0.6	-1.1%
2.5%	55.0	54.3	-0.8	-1.4%
3.7%	54.8	54.2	-0.6	-1.0%
4.9%	54.5	54.2	-0.3	-0.5%
6.2%	53.9	53.7	-0.2	-0.4%
7.4%	53.5	53.4	-0.1	-0.2%
8.6%	53.3	53.3	0.0	0.0%
9.9%	52.1	52.5	0.4	0.8%
11.1%	52.1	52.2	0.1	0.2%
12.3%	52.0	52.2	0.2	0.4%
13.6%	51.9	52.1	0.2	0.4%
14.8%	51.8	52.1	0.3	0.7%
16.0%	51.6	52.0	0.4	0.8%
17.3%	51.4	51.6	0.2	0.3%
18.5%	51.4	51.5	0.2	0.3%
19.8%	51.2	51.4	0.2	0.4%
21.0%	51.2	51.3	0.1	0.3%
22.2%	51.1	51.1	0.0	-0.1%
23.5%	51.1	51.1	0.0	0.0%
24.7%	51.0	51.0	0.0	0.0%
25.9%	51.0	51.0	0.0	0.1%
27.2%	50.9	51.0	0.1	0.2%
28.4%	50.9	50.9	0.0	0.0%
29.6%	50.9	50.9	0.0	0.1%
30.9%	50.8	50.9	0.1	0.1%
32.1%	50.8	50.8	0.0	0.0%
33.3%	50.8	50.8	0.0	0.0%
34.6%	50.8	50.8	0.1	0.1%
35.8%	50.7	50.8	0.1	0.2%
37.0%	50.7	50.7	0.0	0.0%
38.3%	50.6	50.7	0.0	0.1%
39.5%	50.6	50.7	0.0	0.1%
40.7%	50.6	50.5	-0.1	-0.2%
42.0%	50.5	50.4	-0.1	-0.2%
43.2%	50.5	50.4	-0.1	-0.2%
44.4%	50.5	50.4	-0.1	-0.2%
45.7%	50.5	50.4	-0.1	-0.2%
46.9%	50.5	50.4	-0.1	-0.3%
48.1%	50.5	50.4	-0.1	-0.3%
49.4%	50.5	50.4	-0.1	-0.3%
50.6%	50.4	50.3	-0.1	-0.2%
51.9%	50.4	50.3	-0.1	-0.2%
53.1%	50.4	50.3	-0.1	-0.2%
54.3%	50.3	50.3	-0.1	-0.1%
55.6%	50.3	50.3	-0.1	-0.2%
56.8%	50.3	50.3	-0.1	-0.1%
58.0%	50.3	50.2	-0.1	-0.2%
59.3%	50.2	50.1	-0.1	-0.3%
60.5%	50.2	50.1	-0.1	-0.1%
61.7%	50.1	50.1	0.0	-0.1%
63.0%	50.0	50.1	0.0	0.1%
64.2%	50.0	50.0	0.1	0.1%
65.4%	50.0	50.0	0.0	0.1%
66.7%	50.0	50.0	0.1	0.1%
67.9%	49.9	50.0	0.0	0.1%
69.1%	49.9	50.0	0.0	0.1%
70.4%	49.9	49.9	0.1	0.1%
71.6%	49.9	49.9	0.1	0.1%
72.8%	49.9	49.9	0.0	0.0%
74.1%	49.8	49.7	0.0	-0.1%
75.3%	49.8	49.7	-0.1	-0.1%
76.5%	49.7	49.7	0.0	-0.1%
77.8%	49.7	49.7	0.0	0.0%
79.0%	49.7	49.7	0.0	0.0%
80.2%	49.6	49.6	0.0	-0.1%
81.5%	49.6	49.6	0.0	0.0%
82.7%	49.6	49.6	0.0	0.0%
84.0%	49.5	49.5	0.0	0.0%
85.2%	49.5	49.5	0.0	0.0%
86.4%	49.4	49.5	0.1	0.2%
87.7%	49.4	49.4	0.1	0.1%
88.9%	49.3	49.3	0.0	0.1%
90.1%	49.3	49.3	0.0	0.0%
91.4%	49.2	49.1	-0.1	-0.1%
92.6%	49.1	49.1	0.0	0.0%
93.8%	49.1	49.0	0.0	-0.1%
95.1%	48.8	48.8	0.0	0.1%
96.3%	48.7	48.8	0.1	0.1%
97.5%	48.6	48.7	0.1	0.3%
98.8%	48.5	48.6	0.1	0.1%
100.0%	48.4	48.4	0.0	0.0%

July				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	59.9	59.1	-0.8	-1.3%
1.2%	57.4	56.5	-0.9	-1.6%
2.5%	56.5	56.2	-0.3	-0.5%
3.7%	56.4	55.8	-0.6	-1.0%
4.9%	56.3	55.6	-0.7	-1.2%
6.2%	56.2	55.5	-0.6	-1.1%
7.4%	55.9	55.3	-0.7	-1.2%
8.6%	55.4	55.1	-0.3	-0.6%
9.9%	55.2	55.0	-0.2	-0.3%
11.1%	54.8	53.8	-1.0	-1.9%
12.3%	54.6	52.9	-1.7	-3.1%
13.6%	53.7	52.7	-1.0	-1.9%
14.8%	53.1	52.5	-0.6	-1.1%
16.0%	52.8	52.3	-0.5	-0.9%
17.3%	52.5	52.2	-0.3	-0.6%
18.5%	52.3	52.2	-0.1	-0.2%
19.8%	52.3	52.2	-0.1	-0.2%
21.0%	52.2	52.2	0.0	0.0%
22.2%	52.2	52.1	0.0	-0.1%
23.5%	52.1	52.1	0.0	-0.1%
24.7%	52.1	52.1	0.0	0.0%
25.9%	52.0	52.1	0.1	0.1%
27.2%	52.0	52.1	0.1	0.2%
28.4%	52.0	52.0	0.0	0.1%
29.6%	51.9	51.9	0.0	0.1%
30.9%	51.9	51.9	0.0	0.1%
32.1%	51.9	51.8	0.0	-0.1%
33.3%	51.8	51.8	0.0	0.0%
34.6%	51.8	51.8	0.0	0.0%
35.8%	51.8	51.7	-0.1	-0.1%
37.0%	51.7	51.7	-0.1	-0.1%
38.3%	51.7	51.7	-0.1	-0.1%
39.5%	51.7	51.7	-0.1	-0.1%
40.7%	51.7	51.6	0.0	0.0%
42.0%	51.6	51.6	0.0	0.0%
43.2%	51.6	51.5	-0.1	-0.1%
44.4%	51.6	51.5	-0.1	-0.1%
45.7%	51.5	51.5	0.0	-0.1%
46.9%	51.5	51.4	-0.1	-0.2%
48.1%	51.5	51.4	0.0	-0.1%
49.4%	51.4	51.4	0.0	0.0%
50.6%	51.4	51.4	-0.1	-0.1%
51.9%	51.4	51.3	-0.1	-0.2%
53.1%	51.3	51.3	0.0	0.0%
54.3%	51.3	51.3	0.0	0.0%
55.6%	51.3	51.3	0.0	0.0%
56.8%	51.3	51.3	0.0	0.0%
58.0%	51.3	51.3	0.0	0.1%
59.3%	51.3	51.3	0.0	0.0%
60.5%	51.2	51.3	0.1	0.1%
61.7%	51.2	51.2	0.1	0.2%
63.0%	51.1	51.2	0.1	0.2%
64.2%	51.1	51.2	0.1	0.2%
65.4%	51.1	51.2	0.1	0.3%
66.7%	51.1	51.2	0.1	0.2%
67.9%	51.1	51.1	0.1	0.1%
69.1%	51.1	51.1	0.1	0.1%
70.4%	51.0	51.1	0.1	0.1%
71.6%	51.0	51.1	0.1	0.1%
72.8%	51.0	51.1	0.0	0.1%
74.1%	51.0	51.0	0.0	0.1%
75.3%	51.0	51.0	0.0	0.1%
76.5%	51.0	51.0	0.0	0.1%
77.8%	51.0	51.0	0.0	0.0%
79.0%	51.0	51.0	0.0	0.0%
80.2%	50.9	51.0	0.0	0.1%
81.5%	50.9	51.0	0.1	0.1%
82.7%	50.9	50.9	0.0	0.0%
84.0%	50.9	50.9	0.0	0.1%
85.2%	50.8	50.8	-0.1	-0.2%
86.4%	50.8	50.7	-0.1	-0.2%
87.7%	50.8	50.7	-0.1	-0.2%
88.9%	50.7	50.6	0.0	-0.1%
90.1%	50.6	50.6	0.0	-0.1%
91.4%	50.6	50.6	0.0	-0.1%
92.6%	50.6	50.5	0.0	-0.1%
93.8%	50.5	50.5	0.0	0.0%
95.1%	50.5	50.5	0.0	-0.1%
96.3%	50.4	50.3	-0.1	-0.2%
97.5%	50.3	50.2	-0.1	-0.1%
98.8%	50.1	50.0	0.0	-0.1%
100.0%	49.9	49.9	0.0	0.0%

August				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	65.2	63.6	-1.6	-2.5%
1.2%	64.5	59.6	-4.9	-7.6%
2.5%	63.6	59.3	-4.3	-6.8%
3.7%	62.3	55.7	-6.6	-10.6%
4.9%	58.7	55.4	-3.3	-5.6%
6.2%	57.0	55.4	-1.6	-2.9%
7.4%	55.9	54.9	-1.0	-1.8%
8.6%	55.7	54.6	-1.2	-2.1%
9.9%	55.5	54.5	-1.1	-1.9%
11.1%	55.3	54.4	-0.8	-1.5%
12.3%	54.8	54.2	-0.6	-1.1%
13.6%	54.4	54.0	-0.4	-0.7%
14.8%	54.1	54.0	-0.2	-0.3%
16.0%	54.0	53.8	-0.1	-0.2%
17.3%	53.9	53.8	-0.2	-0.3%
18.5%	53.9	53.7	-0.2	-0.3%
19.8%	53.6	53.5	-0.2	-0.3%
21.0%	53.6	53.4	-0.2	-0.3%
22.2%	53.5	53.4	-0.2	-0.3%
23.5%	53.4	53.2	-0.2	-0.4%
24.7%	53.4	53.2	-0.2	-0.4%
25.9%	53.4	53.2	-0.2	-0.3%
27.2%	53.4	53.2	-0.2	-0.3%
28.4%	53.3	53.2	-0.1	-0.2%
29.6%	53.3	53.1	-0.2	-0.4%
30.9%	53.2	53.0	-0.2	-0.3%
32.1%	53.2	53.0	-0.2	-0.3%
33.3%	53.2	52.9	-0.3	-0.5%
34.6%	53.1	52.8	-0.3	-0.6%
35.8%	53.1	52.8	-0.3	-0.6%
37.0%	53.0	52.7	-0.3	-0.6%
38.3%	53.0	52.7	-0.3	-0.5%
39.5%	53.0	52.7	-0.3	-0.5%
40.7%	52.9	52.6	-0.3	-0.6%
42.0%	52.9	52.6	-0.3	-0.6%
43.2%	52.9	52.4	-0.5	-1.0%
44.4%	52.8	52.3	-0.6	-1.1%
45.7%	52.7	52.2	-0.5	-0.9%
46.9%	52.7	52.2	-0.5	-0.9%
48.1%	52.7	52.2	-0.4	-0.8%
49.4%	52.6	52.2	-0.4	-0.8%
50.6%	52.6	52.2	-0.4	-0.8%
51.9%	52.5	52.2	-0.3	-0.7%
53.1%	52.5	52.1	-0.4	-0.7%
54.3%	52.5	52.1	-0.4	-0.7%
55.6%	52.4	52.0	-0.3	-0.6%
56.8%	52.2	52.0	-0.2	-0.3%
58.0%	52.2	52.0	-0.1	-0.2%
59.3%	52.2	52.0	-0.1	-0.3%
60.5%	52.2	52.0	-0.2	-0.3%
61.7%	52.1	52.0	-0.2	-0.3%
63.0%	52.1	52.0	-0.2	-0.3%
64.2%	52.1	52.0	-0.1	-0.2%
65.4%	52.1	52.0	-0.1	-0.2%
66.7%	52.1	52.0	-0.1	-0.2%
67.9%	52.0	51.9	-0.1	-0.1%
69.1%	52.0	51.9	-0.1	-0.1%
70.4%	52.0	51.9	-0.1	-0.1%
71.6%	52.0	51.9	-0.1	-0.1%
72.8%	51.9	51.9	-0.1	-0.1%
74.1%	51.9	51.9	-0.1	-0.1%
75.3%	51.9	51.8	-0.1	-0.1%
76.5%	51.8	51.8	0.0	-0.1%
77.8%	51.8	51.8	0.0	-0.1%
79.0%	51.8	51.7	0.0	-0.1%
80.2%	51.8	51.7	0.0	-0.1%
81.5%	51.7	51.7	0.0	0.0%
82.7%	51.7	51.7	0.0	0.0%
84.0%	51.6	51.7	0.0	0.0%
85.2%	51.6	51.6	0.0	0.0%
86.4%	51.5	51.6	0.2	0.3%
87.7%	51.4	51.6	0.2	0.3%
88.9%	51.4	51.5	0.0	0.1%
90.1%	51.4	51.5	0.1	0.1%
91.4%	51.4	51.5	0.1	0.1%
92.6%	51.4	51.5	0.1	0.1%
93.8%	51.3	51.4	0.0	0.1%
95.1%	51.2	51.3	0.1	0.2%
96.3%	51.1	51.3	0.2	0.4%
97.5%	51.0	51.2	0.2	0.4%
98.8%	50.9	51.2	0.2	0.4%
100.0%	50.8	51.0	0.2	0.4%

September				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	67.6	65.7	-1.9	-2.8%
1.2%	65.9	65.1	-0.8	-1.2%
2.5%	65.4	64.4	-1.0	-1.5%
3.7%	65.1	64.2	-0.9	-1.4%
4.9%	64.3	61.3	-3.0	-4.6%
6.2%	62.7	61.1	-1.5	-2.5%
7.4%	62.6	58.8	-3.9	-6.2%
8.6%	59.4	58.1	-1.3	-2.3%
9.9%	58.5	57.3	-1.2	-2.1%
11.1%	58.0	56.9	-1.1	-1.9%
12.3%	57.8	56.5	-1.3	-2.2%
13.6%	57.3	56.4	-0.8	-1.4%
14.8%	57.2	56.3	-1.0	-1.7%
16.0%	57.1	56.2	-0.9	-1.6%
17.3%	56.8	56.2	-0.6	-1.1%
18.5%	56.7	56.1	-0.5	-1.0%
19.8%	56.5	55.5	-1.0	-1.8%
21.0%	56.5	55.2	-1.3	-2.3%
22.2%	56.4	55.1	-1.3	-2.2%
23.5%	55.8	55.1	-0.7	-1.3%
24.7%	55.6	55.0	-0.6	-1.0%
25.9%	55.5	54.9	-0.5	-1.0%
27.2%	55.4	54.9	-0.5	-0.8%
28.4%	55.3	54.9	-0.4	-0.8%
29.6%	55.3	54.8	-0.4	-0.8%
30.9%	55.3	54.8	-0.5	-0.9%
32.1%	55.1	54.7	-0.4	-0.7%
33.3%	54.9	54.5	-0.4	-0.7%
34.6%	54.9	54.3	-0.6	-1.1%
35.8%	54.8	54.3	-0.5	-0.9%
37.0%	54.7	54.2	-0.5	-1.0%
38.3%	54.7	54.0	-0.7	-1.3%
39.5%	54.6	54.0	-0.6	-1.1%
40.7%	54.6	54.0	-0.6	-1.1%
42.0%	54.5	53.9	-0.6	-1.1%
43.2%	54.4	53.9	-0.5	-1.0%
44.4%	54.4	53.8	-0.6	-1.2%
45.7%	54.4	53.7	-0.7	-1.2%
46.9%	54.4	53.7	-0.7	-1.2%
48.1%	54.2	53.7	-0.5	-1.0%
49.4%	54.1	53.7	-0.4	-0.7%
50.6%	54.0	53.7	-0.3	-0.6%
51.9%	53.9	53.5	-0.4	-0.8%
53.1%	53.8	53.5	-0.3	-0.6%
54.3%	53.8	53.5	-0.3	-0.6%
55.6%	53.7	53.4	-0.3	-0.6%
56.8%	53.7	53.4	-0.3	-0.6%
58.0%	53.6	53.3	-0.3	-0.6%
59.3%	53.5	53.2	-0.2	-0.4%
60.5%	53.5	53.0	-0.5	-0.9%
61.7%	53.4	52.9	-0.5	-0.9%
63.0%	53.4	52.9	-0.5	-0.9%
64.2%	53.4	52.9	-0.5	-0.9%
65.4%	53.3	52.9	-0.4	-0.8%
66.7%	53.3	52.7	-0.6	-1.0%
67.9%	53.2	52.6	-0.7	-1.3%
69.1%	53.2	52.6	-0.7	-1.3%
70.4%	53.2	52.6	-0.7	-1.2%
71.6%	53.2	52.5	-0.7	-1.2%
72.8%	53.2	52.5	-0.6	-1.2%
74.1%	53.1	52.5	-0.6	-1.1%
75.3%	53.0	52.5	-0.5	-1.0%
76.5%	53.0	52.5	-0.5	-0.9%
77.8%	53.0	52.5	-0.5	-0.9%
79.0%	52.9	52.4	-0.5	-0.9%
80.2%	52.9	52.4	-0.5	-1.0%
81.5%	52.8	52.3	-0.5	-1.0%
82.7%	52.8	52.2	-0.6	-1.1%
84.0%	52.6	52.2	-0.5	-0.9%
85.2%	52.6	52.1	-0.5	-1.0%
86.4%	52.6	52.0	-0.6	-1.1%
87.7%	52.5	51.9	-0.5	-1.0%
88.9%	52.4	51.9	-0.5	-1.0%
90.1%	52.2	51.8	-0.5	-0.9%
91.4%	52.2	51.7	-0.5	-1.0%
92.6%	51.7	51.6	-0.1	-0.2%
93.8%	51.5	51.3	-0.3	-0.5%
95.1%	51.5	51.3	-0.3	-0.5%
96.3%	51.2	51.2	0.0	0.1%
97.5%	51.1	50.8	-0.3	-0.7%
98.8%	50.5	50.5	-0.1	-0.1%
100.0%	50.5	50.2	-0.3	-0.6%

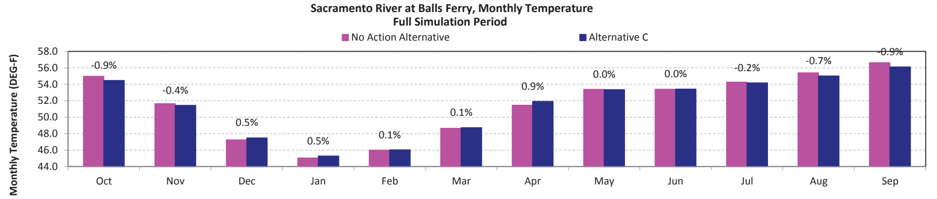
Table SQ-03-7a
Sacramento River at Balls Ferry, Monthly Temperature
Long-term Average and Average by Water Year Type

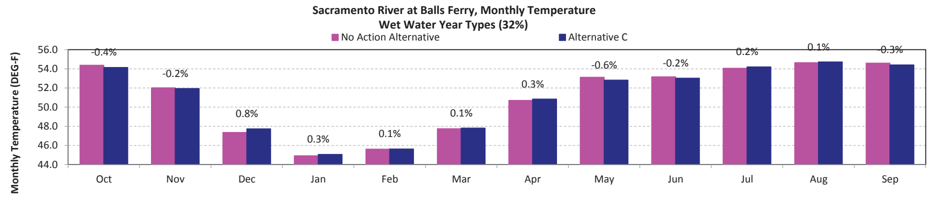
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	55.0	51.6	47.2	45.0	46.0	48.7	51.5	53.4	53.4	54.3	55.4	56.6
Alternative C	54.5	51.4	47.5	45.3	46.0	48.7	51.9	53.3	53.4	54.2	55.0	56.1
Difference	-0.5	-0.2	0.2	0.2	0.0	0.1	0.4	0.0	0.0	-0.1	-0.4	-0.5
Percent Difference[3]	-0.9%	-0.4%	0.5%	0.5%	0.1%	0.1%	0.9%	0.0%	0.0%	-0.2%	-0.7%	-0.9%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	54.4	52.0	47.3	44.9	45.6	47.7	50.7	53.1	53.2	54.1	54.6	54.6
Alternative C	54.1	51.9	47.7	45.1	45.6	47.8	50.8	52.8	53.0	54.2	54.7	54.4
Difference	-0.2	-0.1	0.4	0.1	0.0	0.1	0.1	-0.3	-0.1	0.1	0.1	-0.2
Percent Difference	-0.4%	-0.2%	0.8%	0.3%	0.1%	0.1%	0.3%	-0.6%	-0.2%	0.2%	0.1%	-0.3%
Above Normal (15%)												
No Action Alternative	53.8	51.3	47.7	45.3	46.0	48.9	51.9	53.7	52.5	53.1	54.8	55.4
Alternative C	53.4	51.3	48.1	45.5	46.0	48.9	52.2	53.4	52.7	53.1	54.8	55.4
Difference	-0.4	-0.1	0.4	0.2	0.0	0.0	0.3	-0.3	0.2	0.0	0.0	0.0
Percent Difference	-0.8%	-0.2%	0.8%	0.5%	0.0%	0.1%	0.5%	-0.6%	0.4%	0.0%	0.0%	-0.1%
Below Normal (17%)												
No Action Alternative	53.5	51.0	47.5	45.0	45.7	48.6	51.9	53.4	53.0	53.5	54.3	56.0
Alternative C	53.1	50.8	47.7	45.2	45.7	48.6	52.4	53.5	53.1	53.4	54.4	55.6
Difference	-0.4	-0.2	0.1	0.2	0.0	0.0	0.5	0.1	0.1	-0.1	0.0	-0.4
Percent Difference	-0.8%	-0.3%	0.2%	0.4%	0.0%	0.1%	1.0%	0.1%	0.1%	-0.2%	0.0%	-0.8%
Dry (22%)												
No Action Alternative	55.3	51.8	47.2	45.1	46.2	49.3	51.8	53.0	53.5	53.8	55.3	57.4
Alternative C	54.5	51.3	47.2	45.5	46.2	49.4	52.5	53.2	53.6	53.8	54.7	56.7
Difference	-0.8	-0.4	0.0	0.4	0.0	0.1	0.7	0.2	0.1	0.0	-0.5	-0.8
Percent Difference	-1.4%	-0.8%	0.0%	0.8%	0.0%	0.2%	1.3%	0.4%	0.3%	0.0%	-0.9%	-1.4%
Critical (15%)												
No Action Alternative	58.8	51.6	46.4	45.1	46.8	49.6	51.7	54.1	55.2	57.3	59.1	61.7
Alternative C	57.8	51.4	46.7	45.3	46.9	49.7	52.5	54.4	55.1	56.5	57.0	60.3
Difference	-0.9	-0.3	0.3	0.2	0.1	0.1	0.8	0.4	-0.1	-0.8	-2.0	-1.4
Percent Difference	-1.6%	-0.5%	0.6%	0.5%	0.3%	0.2%	1.6%	0.7%	-0.2%	-1.4%	-3.5%	-2.2%

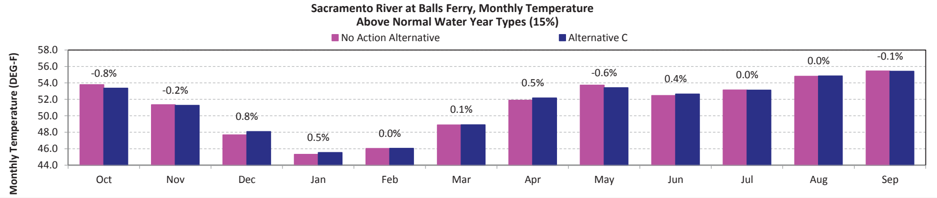
1 Based on the 82-year simulation period

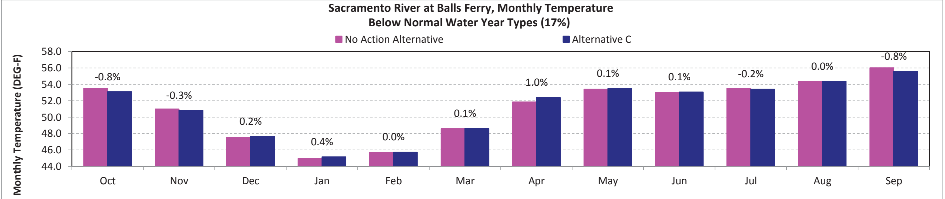
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

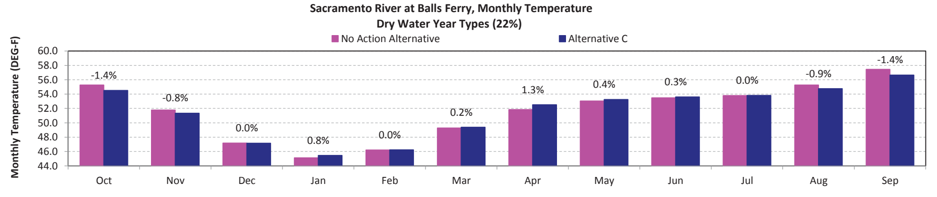
3 Relative difference of the monthly average


Sacramento River at Balls Ferry, Monthly Temperature
Full Simulation Period


Sacramento River at Balls Ferry, Monthly Temperature
Wet Water Year Types (32%)


Sacramento River at Balls Ferry, Monthly Temperature
Above Normal Water Year Types (15%)


Sacramento River at Balls Ferry, Monthly Temperature
Below Normal Water Year Types (17%)


Sacramento River at Balls Ferry, Monthly Temperature
Dry Water Year Types (22%)

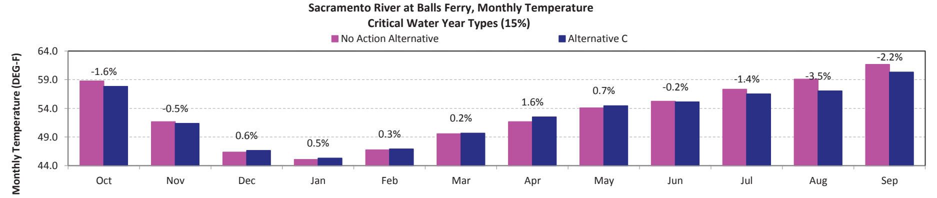

Sacramento River at Balls Ferry, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-03-7b
Sacramento River at Balls Ferry, Monthly Temperature
Probability of Exceedance

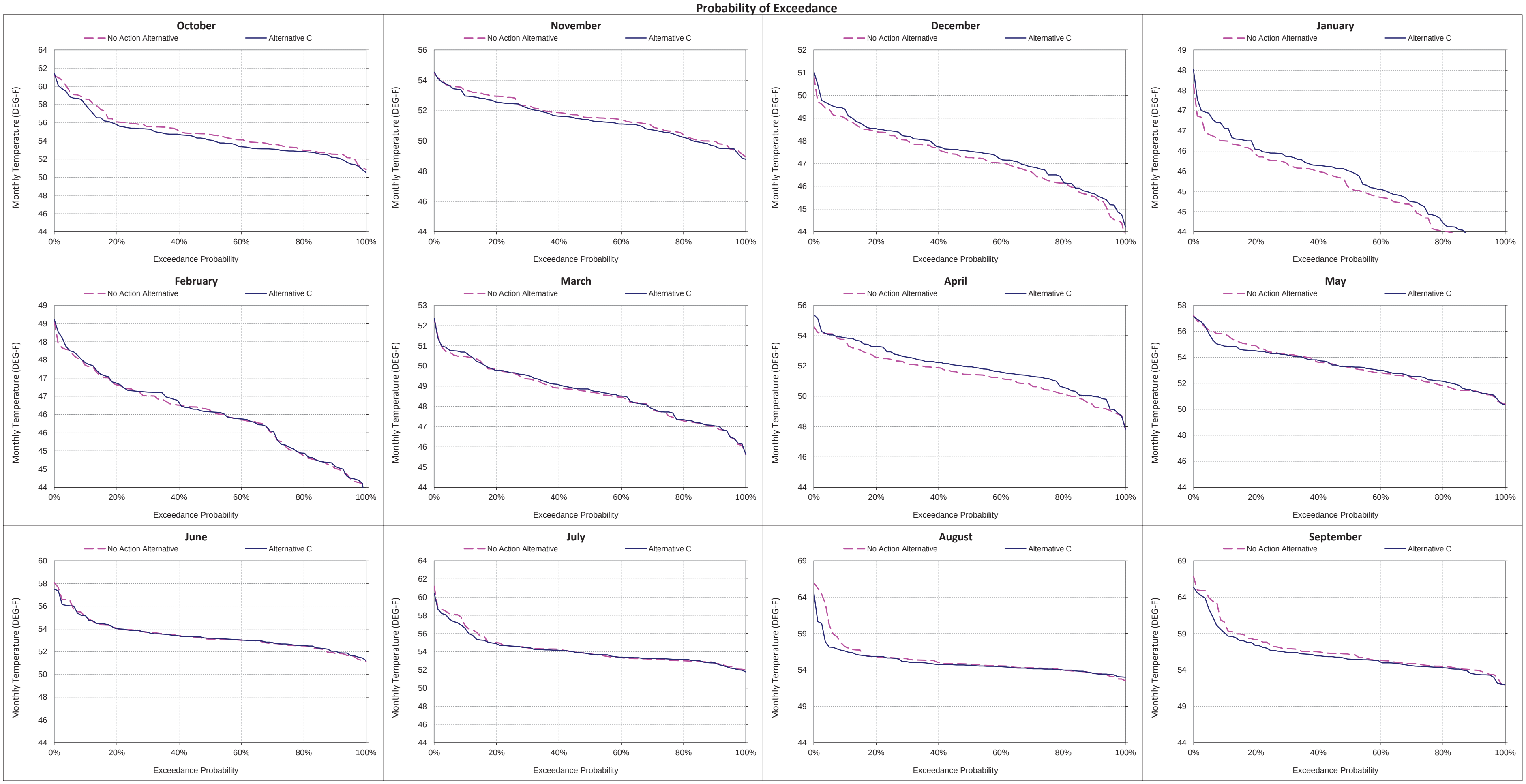


Table SQ-03-7b

Sacramento River at Balls Ferry, Monthly Temperature
Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	61.2	61.4	0.3	0.4%
1.2%	61.0	60.1	-0.9	-1.5%
2.5%	60.7	59.7	-1.0	-1.6%
3.7%	60.1	59.5	-0.7	-1.1%
4.9%	59.5	58.9	-0.6	-1.0%
6.2%	59.1	58.7	-0.4	-0.6%
7.4%	59.1	58.7	-0.4	-0.7%
8.6%	58.9	58.6	-0.3	-0.5%
9.9%	58.6	58.0	-0.6	-1.1%
11.1%	58.6	57.5	-1.0	-1.8%
12.3%	58.1	57.1	-1.1	-1.8%
13.6%	57.9	56.5	-1.3	-2.3%
14.8%	57.5	56.5	-0.9	-1.6%
16.0%	57.3	56.2	-1.1	-1.9%
17.3%	56.5	56.1	-0.3	-0.6%
18.5%	56.4	56.0	-0.4	-0.8%
19.8%	56.1	55.8	-0.3	-0.5%
21.0%	56.1	55.6	-0.5	-0.8%
22.2%	56.0	55.5	-0.5	-0.9%
23.5%	56.0	55.5	-0.5	-0.9%
24.7%	55.9	55.4	-0.5	-0.9%
25.9%	55.9	55.4	-0.5	-0.9%
27.2%	55.8	55.3	-0.5	-0.9%
28.4%	55.8	55.3	-0.5	-0.9%
29.6%	55.6	55.3	-0.3	-0.5%
30.9%	55.6	55.3	-0.3	-0.5%
32.1%	55.6	55.0	-0.5	-1.0%
33.3%	55.6	54.9	-0.6	-1.1%
34.6%	55.5	54.9	-0.7	-1.2%
35.8%	55.5	54.8	-0.7	-1.3%
37.0%	55.4	54.7	-0.7	-1.2%
38.3%	55.4	54.7	-0.6	-1.2%
39.5%	55.2	54.7	-0.5	-0.9%
40.7%	55.0	54.6	-0.3	-0.6%
42.0%	54.9	54.6	-0.2	-0.4%
43.2%	54.8	54.6	-0.2	-0.4%
44.4%	54.8	54.5	-0.3	-0.6%
45.7%	54.8	54.3	-0.5	-0.9%
46.9%	54.8	54.3	-0.5	-0.9%
48.1%	54.8	54.3	-0.5	-0.9%
49.4%	54.8	54.1	-0.6	-1.2%
50.6%	54.7	54.1	-0.6	-1.1%
51.9%	54.6	53.9	-0.7	-1.2%
53.1%	54.5	53.8	-0.8	-1.4%
54.3%	54.4	53.8	-0.7	-1.3%
55.6%	54.3	53.7	-0.6	-1.1%
56.8%	54.3	53.7	-0.5	-1.0%
58.0%	54.1	53.6	-0.5	-1.0%
59.3%	54.1	53.4	-0.7	-1.4%
60.5%	54.1	53.4	-0.8	-1.4%
61.7%	53.9	53.3	-0.6	-1.1%
63.0%	53.9	53.2	-0.6	-1.2%
64.2%	53.8	53.1	-0.7	-1.3%
65.4%	53.8	53.1	-0.7	-1.2%
66.7%	53.8	53.1	-0.7	-1.2%
67.9%	53.7	53.1	-0.6	-1.2%
69.1%	53.6	53.1	-0.5	-1.0%
70.4%	53.6	53.1	-0.5	-1.0%
71.6%	53.6	53.1	-0.5	-1.0%
72.8%	53.5	52.9	-0.5	-1.0%
74.1%	53.4	52.9	-0.4	-0.8%
75.3%	53.3	52.9	-0.4	-0.8%
76.5%	53.3	52.9	-0.4	-0.8%
77.8%	53.2	52.8	-0.4	-0.7%
79.0%	53.0	52.8	-0.2	-0.3%
80.2%	53.0	52.8	-0.1	-0.2%
81.5%	53.0	52.8	-0.2	-0.3%
82.7%	52.9	52.7	-0.1	-0.3%
84.0%	52.8	52.7	-0.1	-0.3%
85.2%	52.7	52.5	-0.2	-0.3%
86.4%	52.7	52.5	-0.2	-0.4%
87.7%	52.7	52.5	-0.2	-0.4%
88.9%	52.5	52.2	-0.3	-0.6%
90.1%	52.5	52.2	-0.4	-0.7%
91.4%	52.5	52.1	-0.4	-0.8%
92.6%	52.5	51.9	-0.6	-1.1%
93.8%	52.2	51.7	-0.5	-1.0%
95.1%	52.1	51.5	-0.7	-1.3%
96.3%	52.0	51.4	-0.6	-1.2%
97.5%	51.3	51.2	-0.1	-0.2%
98.8%	51.1	50.8	-0.2	-0.5%
100.0%	50.8	50.5	0.0	-0.6%

November				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.5	54.5	0.1	0.1%
1.2%	54.1	54.1	0.0	0.0%
2.5%	54.0	53.9	-0.2	-0.3%
3.7%	53.7	53.8	0.1	0.1%
4.9%	53.7	53.6	0.0	0.0%
6.2%	53.6	53.4	-0.1	-0.3%
7.4%	53.6	53.4	-0.2	-0.3%
8.6%	53.5	53.4	-0.2	-0.3%
9.9%	53.3	53.0	-0.4	-0.7%
11.1%	53.3	52.9	-0.4	-0.7%
12.3%	53.2	52.9	-0.3	-0.6%
13.6%	53.2	52.9	-0.3	-0.6%
14.8%	53.2	52.8	-0.4	-0.7%
16.0%	53.1	52.8	-0.3	-0.5%
17.3%	53.0	52.7	-0.3	-0.6%
18.5%	53.0	52.7	-0.3	-0.5%
19.8%	53.0	52.6	-0.4	-0.7%
21.0%	52.9	52.5	-0.4	-0.8%
22.2%	52.9	52.5	-0.4	-0.8%
23.5%	52.9	52.5	-0.4	-0.8%
24.7%	52.9	52.5	-0.4	-0.8%
25.9%	52.8	52.5	-0.4	-0.7%
27.2%	52.4	52.4	0.1	0.1%
28.4%	52.3	52.3	-0.1	-0.1%
29.6%	52.3	52.2	-0.1	-0.2%
30.9%	52.3	52.1	-0.2	-0.3%
32.1%	52.2	52.0	-0.1	-0.2%
33.3%	52.1	52.0	-0.1	-0.2%
34.6%	52.0	51.9	-0.1	-0.2%
35.8%	52.0	51.9	-0.1	-0.2%
37.0%	51.9	51.8	-0.1	-0.2%
38.3%	51.9	51.7	-0.2	-0.4%
39.5%	51.9	51.6	-0.2	-0.4%
40.7%	51.9	51.6	-0.2	-0.4%
42.0%	51.8	51.6	-0.2	-0.4%
43.2%	51.8	51.6	-0.2	-0.3%
44.4%	51.7	51.6	-0.2	-0.3%
45.7%	51.7	51.5	-0.2	-0.5%
46.9%	51.6	51.4	-0.2	-0.4%
48.1%	51.6	51.4	-0.2	-0.3%
49.4%	51.5	51.4	-0.1	-0.3%
50.6%	51.5	51.3	-0.2	-0.4%
51.9%	51.5	51.3	-0.2	-0.5%
53.1%	51.5	51.3	-0.2	-0.4%
54.3%	51.5	51.3	-0.2	-0.5%
55.6%	51.5	51.2	-0.2	-0.5%
56.8%	51.5	51.2	-0.3	-0.5%
58.0%	51.5	51.2	-0.3	-0.5%
59.3%	51.4	51.1	-0.3	-0.6%
60.5%	51.4	51.1	-0.3	-0.5%
61.7%	51.3	51.1	-0.2	-0.4%
63.0%	51.2	51.1	-0.1	-0.3%
64.2%	51.2	51.1	-0.1	-0.2%
65.4%	51.2	51.0	-0.2	-0.4%
66.7%	51.2	51.0	-0.2	-0.4%
67.9%	51.1	50.8	-0.3	-0.6%
69.1%	51.1	50.8	-0.4	-0.7%
70.4%	50.9	50.7	-0.2	-0.4%
71.6%	50.8	50.7	-0.2	-0.3%
72.8%	50.8	50.6	-0.2	-0.3%
74.1%	50.7	50.6	-0.1	-0.2%
75.3%	50.6	50.6	-0.1	-0.2%
76.5%	50.6	50.5	-0.2	-0.3%
77.8%	50.6	50.4	-0.2	-0.4%
79.0%	50.6	50.3	-0.3	-0.5%
80.2%	50.4	50.2	-0.1	-0.3%
81.5%	50.2	50.2	-0.1	-0.2%
82.7%	50.2	50.0	-0.1	-0.3%
84.0%	50.1	49.9	-0.1	-0.2%
85.2%	50.1	49.9	-0.1	-0.3%
86.4%	50.0	49.9	-0.1	-0.3%
87.7%	50.0	49.8	-0.2	-0.3%
88.9%	50.0	49.7	-0.3	-0.5%
90.1%	50.0	49.7	-0.3	-0.6%
91.4%	49.8	49.5	-0.3	-0.6%
92.6%	49.8	49.5	-0.3	-0.6%
93.8%	49.7	49.5	-0.2	-0.5%
95.1%	49.4	49.5	0.1	0.1%
96.3%	49.4	49.5	0.1	0.1%
97.5%	49.3	49.1	-0.2	-0.4%
98.8%	49.1	48.9	-0.3	-0.5%
100.0%	48.9	48.8	-0.2	-0.3%

December				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.9	51.0	0.2	0.4%
1.2%	49.7	50.5	0.7	1.5%
2.5%	49.6	49.8	0.2	0.3%
3.7%	49.4	49.7	0.3	0.6%
4.9%	49.4	49.6	0.2	0.5%
6.2%	49.1	49.5	0.4	0.8%
7.4%	49.1	49.5	0.4	0.8%
8.6%	49.1	49.5	0.4	0.8%
9.9%	49.0	49.4	0.4	0.8%
11.1%	48.9	49.1	0.2	0.5%
12.3%	48.8	49.0	0.2	0.4%
13.6%	48.7	48.9	0.2	0.3%
14.8%	48.6	48.8	0.2	0.4%
16.0%	48.5	48.7	0.2	0.3%
17.3%	48.5	48.6	0.1	0.2%
18.5%	48.5	48.6	0.1	0.2%
19.8%	48.4	48.6	0.1	0.3%
21.0%	48.4	48.5	0.1	0.2%
22.2%	48.4	48.5	0.1	0.2%
23.5%	48.4	48.4	0.1	0.2%
24.7%	48.2	48.4	0.2	0.5%
25.9%	48.2	48.4	0.2	0.4%
27.2%	48.1	48.4	0.3	0.7%
28.4%	48.1	48.2	0.2	0.4%
29.6%	48.0	48.2	0.2	0.4%
30.9%	47.9	48.2	0.3	0.5%
32.1%	47.9	48.1	0.2	0.5%
33.3%	47.8	48.1	0.2	0.5%
34.6%	47.8	48.1	0.2	0.4%
35.8%	47.8	48.0	0.2	0.4%
37.0%	47.8	48.0	0.2	0.4%
38.3%	47.7	47.9	0.2	0.4%
39.5%	47.7	47.7	0.1	0.1%
40.7%	47.6	47.7	0.2	0.3%
42.0%	47.5	47.6	0.1	0.3%
43.2%	47.5	47.6	0.2	0.4%
44.4%	47.4	47.6	0.2	0.4%
45.7%	47.4	47.6	0.2	0.4%
46.9%	47.3	47.6	0.3	0.6%
48.1%	47.3	47.6	0.3	0.6%
49.4%	47.3	47.6	0.3	0.6%
50.6%	47.3	47.5	0.3	0.6%
51.9%	47.2	47.5	0.3	0.6%
53.1%	47.2	47.5	0.2	0.5%
54.3%	47.2	47.5	0.2	0.5%
55.6%	47.1	47.4	0.3	0.7%
56.8%	47.1	47.4	0.4	0.8%
58.0%	47.0	47.4	0.3	0.7%
59.3%	47.0	47.2	0.2	0.5%
60.5%	47.0	47.2	0.2	0.3%
61.7%	47.0	47.2	0.2	0.4%
63.0%	46.9	47.2	0.2	0.5%
64.2%	46.9	47.1	0.2	0.5%
65.4%	46.8	47.1	0.3	0.5%
66.7%	46.8	47.0	0.2	0.4%
67.9%	46.7	46.9	0.2	0.5%
69.1%	46.7	46.9	0.2	0.4%
70.4%	46.6	46.8	0.3	0.6%
71.6%	46.4	46.8	0.4	0.8%
72.8%	46.4	46.8	0.3	0.7%
74.1%	46.3	46.7	0.4	0.9%
75.3%	46.2	46.5	0.3	0.6%
76.5%	46.2	46.5	0.3	0.6%
77.8%	46.2	46.5	0.3	0.7%
79.0%	46.1	46.4	0.3	0.7%
80.2%	46.1	46.2	0.0	0.0%
81.5%	46.1	46.1	0.1	0.2%
82.7%	46.0	46.1	0.2	0.4%
84.0%	45.9	45.9	0.0	0.0%
85.2%	45.7	45.9	0.2	0.4%
86.4%	45.7	45.8	0.1	0.3%
87.7%	45.6	45.8	0.1	0.3%
88.9%	45.6	45.7	0.1	0.3%
90.1%	45.6	45.7	0.1	0.3%
91.4%	45.4	45.6	0.2	0.4%
92.6%	45.4	45.5	0.1	0.3%
93.8%	45.1	45.4	0.3	0.7%
95.1%	44.7	45.2	0.5	1.2%
96.3%	44.5	45.2	0.6	1.5%
97.5%	44.5	44.9	0.4	0.8%
98.8%	44.4	44.8	0.4	0.8%
100.0%	43.7	44.2	0.5	1.2%

January				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.6	48.0	0.4	0.8%
1.2%	46.9	47.3	0.4	0.9%
2.5%	46.8	47.0	0.2	0.4%
3.7%	46.5	47.0	0.5	1.1%
4.9%	46.4	46.9	0.5	1.1%
6.2%	46.4	46.8	0.4	0.9%
7.4%	46.3	46.7	0.4	0.8%
8.6%	46.3	46.7	0.4	1.0%
9.9%	46.2	46.6	0.3	0.7%
11.1%	46.2	46.6	0.3	0.7%
12.3%	46.2	46.3	0.2	0.3%
13.6%	46.2	46.3	0.1	0.3%
14.8%	46.1	46.3	0.1	0.3%
16.0%	46.1	46.3	0.2	0.4%
17.3%	46.1	46.3	0.2	0.3%
18.5%	46.0	46.2	0.2	0.5%
19.8%	45.9	46.0	0.1	0.2%
21.0%	45.9	46.0	0.2	0.4%
22.2%	45.9	46.0	0.1	0.3%
23.5%	45.8	46.0	0.2	0.4%
24.7%	45.8	45.9	0.2	0.4%
25.9%	45.8	45.9	0.2	0.4%
27.2%	45.8	45.9	0.2	0.4%
28.4%	45.7	45.9	0.2	0.4%
29.6%	45.7	45.9	0.2	0.3%
30.9%	45.6	45.9	0.2	0.5%
32.1%	45.6	45.8	0.2	0.5%
33.3%	45.6	45.8	0.2	0.5%
34.6%	45.6	45.8	0.2	0.5%
35.8%	45.6	45.7	0.1	0.3%
37.0%	45.6	45.7	0.1	0.3%
38.3%	45.5	45.7	0.1	0.2%
39.5%	45.5	45.6	0.1	0.3%
40.7%	45.5	45.6	0.2	0.4%
42.0%	45.5	45.6	0.2	0.4%
43.2%	45.4	45.6	0.2	0.5%
44.4%	45.4	45.6	0.2	0.5%
45.7%	45.4	45.6	0.2	0.4%
46.9%	45.3	45.6	0.2	0.5%
48.1%	45.3	45.6	0.2	0.5%
49.4%	45.1	45.5	0.4	0.9%
50.6%	45.1	45.5	0.4	1.0%
51.9%	45.0	45.4	0.4	0.9%
53.1%	45.0	45.4	0.4	0.8%
54.3%	45.0	45.2	0.2	0.4%
55.6%	45.0	45.2	0.2	0.4%
56.8%	44.9	45.1	0.2	0.4%
58.0%	44.9	45.1	0.2	0.4%
59.3%	44.9	45.0	0.2	0.4%
60.5%	44.8	45.0	0.2	0.4%
61.7%	44.8	45.0	0.2	0.4%
63.0%	44.8	45.0	0.1	0.3%
64.2%	44.7	44.9	0.2	0.4%
65.4%	44.7	44.9	0.2	0.4%
66.7%	44.7	44.9	0.2	0.4%
67.9%	44.7	44.9	0.2	0.4%
69.1%	44.7	44.8	0.1	0.2%
70.4%	44.6	44.7	0.1	0.3%
71.6%	44.5	44.7	0.3	0.6%
72.8%	44.4	44.7	0.3	0.6%
74.1%	44.3	44.6	0.3	0.6%
75.3%	44.3	44.4	0.1	0.2%
76.5%	44.1	44.4	0.3	0.8%
77.8%	44.0	44.4	0.3	0.8%
79.0%	44.0	44.3	0.3	0.7%
80.2%	44.0	44.2	0.2	0.4%
81.5%	44.0	44.1	0.1	0.3%
82.7%	44.0	44.1	0.1	0.3%
84.0%	43.9	44.1	0.2	0.4%
85.2%	43.8	44.1	0.3	0.6%
86.4%	43.7	44.0	0.3	0.7%
87.7%	43.7	43.9	0.3	0.6%
88.9%	43.7	43.9	0.2	0.4%
90.1%	43.7	43.8	0.1	0.3%
91.4%	43.7	43.8	0.1	0.3%
92.6%	43.6	43.7	0.1	0.1%
93.8%	43.3	43.7	0.3	0.8%
95.1%	43.3	43.6	0.3	0.7%
96.3%	42.9	43.4	0.5	1.2%
97.5%	42.9	43.0	0.1	0.2%
98.8%	42.9	42.9	0.1	0.2%
100.0%	42.5	42.6	0.2	0.4%

Table SQ-03-7b

Sacramento River at Balls Ferry, Monthly Temperature

Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	48.6	48.6	0.0	0.1%
1.2%	47.9	48.3	0.3	0.7%
2.5%	47.8	48.1	0.3	0.6%
3.7%	47.8	47.9	0.1	0.2%
4.9%	47.8	47.8	0.0	0.0%
6.2%	47.6	47.7	0.1	0.2%
7.4%	47.5	47.6	0.1	0.2%
8.6%	47.5	47.5	0.0	0.0%
9.9%	47.4	47.4	0.1	0.2%
11.1%	47.3	47.4	0.1	0.1%
12.3%	47.3	47.3	0.0	0.1%
13.6%	47.2	47.2	0.1	0.1%
14.8%	47.1	47.1	0.0	0.1%
16.0%	47.0	47.1	0.1	0.1%
17.3%	47.0	47.0	0.0	0.1%
18.5%	46.9	46.9	0.0	0.0%
19.8%	46.8	46.9	0.1	0.1%
21.0%	46.8	46.8	0.0	0.0%
22.2%	46.7	46.7	0.0	0.0%
23.5%	46.7	46.7	0.0	-0.1%
24.7%	46.7	46.7	-0.1	-0.1%
25.9%	46.6	46.6	0.0	0.0%
27.2%	46.6	46.6	0.0	0.0%
28.4%	46.5	46.6	0.1	0.2%
29.6%	46.5	46.6	0.1	0.2%
30.9%	46.5	46.6	0.1	0.2%
32.1%	46.5	46.6	0.1	0.2%
33.3%	46.4	46.6	0.2	0.4%
34.6%	46.4	46.6	0.2	0.4%
35.8%	46.4	46.5	0.1	0.3%
37.0%	46.3	46.5	0.2	0.3%
38.3%	46.3	46.4	0.1	0.3%
39.5%	46.3	46.4	0.1	0.3%
40.7%	46.3	46.2	0.0	-0.1%
42.0%	46.2	46.2	0.0	-0.1%
43.2%	46.2	46.2	0.0	-0.1%
44.4%	46.2	46.1	-0.1	-0.1%
45.7%	46.2	46.1	-0.1	-0.1%
46.9%	46.2	46.1	-0.1	-0.2%
48.1%	46.2	46.1	-0.1	-0.2%
49.4%	46.1	46.1	-0.1	-0.1%
50.6%	46.1	46.1	0.0	-0.1%
51.9%	46.0	46.1	0.0	0.1%
53.1%	46.0	46.1	0.0	0.1%
54.3%	46.0	46.0	0.0	0.0%
55.6%	45.9	45.9	0.0	0.0%
56.8%	45.9	45.9	0.0	0.0%
58.0%	45.9	45.9	0.0	0.0%
59.3%	45.9	45.9	0.0	0.1%
60.5%	45.9	45.9	0.0	0.0%
61.7%	45.8	45.9	0.0	0.1%
63.0%	45.8	45.8	0.0	0.0%
64.2%	45.8	45.8	0.0	-0.1%
65.4%	45.8	45.7	0.0	-0.1%
66.7%	45.8	45.7	0.0	-0.1%
67.9%	45.7	45.7	0.0	0.0%
69.1%	45.5	45.5	0.0	0.0%
70.4%	45.5	45.5	0.1	0.1%
71.6%	45.3	45.3	0.0	0.0%
72.8%	45.3	45.2	-0.1	-0.2%
74.1%	45.1	45.2	0.0	0.1%
75.3%	45.0	45.1	0.1	0.2%
76.5%	45.0	45.1	0.1	0.1%
77.8%	45.0	45.0	0.0	0.0%
79.0%	44.9	44.9	0.0	0.0%
80.2%	44.8	44.9	0.1	0.2%
81.5%	44.8	44.8	0.0	0.1%
82.7%	44.8	44.8	0.0	0.1%
84.0%	44.8	44.8	0.0	0.0%
85.2%	44.7	44.7	0.0	0.0%
86.4%	44.7	44.7	0.0	0.0%
87.7%	44.6	44.7	0.1	0.1%
88.9%	44.6	44.7	0.1	0.2%
90.1%	44.5	44.6	0.1	0.1%
91.4%	44.5	44.5	0.0	0.1%
92.6%	44.4	44.5	0.1	0.2%
93.8%	44.4	44.3	-0.1	-0.1%
95.1%	44.2	44.2	0.0	0.1%
96.3%	44.2	44.2	0.1	0.2%
97.5%	44.1	44.2	0.1	0.1%
98.8%	44.1	44.1	0.0	0.0%
100.0%	43.4	43.4	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	52.3	52.3	0.0	0.0%
1.2%	51.4	51.4	-0.1	-0.1%
2.5%	50.9	51.0	0.0	0.1%
3.7%	50.7	50.9	0.2	0.4%
4.9%	50.7	50.8	0.1	0.2%
6.2%	50.6	50.8	0.2	0.4%
7.4%	50.5	50.7	0.2	0.5%
8.6%	50.5	50.7	0.2	0.4%
9.9%	50.5	50.7	0.2	0.4%
11.1%	50.4	50.6	0.1	0.2%
12.3%	50.4	50.4	0.0	0.0%
13.6%	50.4	50.2	-0.1	-0.3%
14.8%	50.2	50.2	-0.1	-0.2%
16.0%	50.0	50.0	0.0	0.0%
17.3%	49.9	49.9	0.1	0.1%
18.5%	49.9	49.9	0.0	0.0%
19.8%	49.8	49.8	-0.1	-0.1%
21.0%	49.8	49.8	0.0	0.0%
22.2%	49.7	49.8	0.0	0.1%
23.5%	49.7	49.7	0.0	0.0%
24.7%	49.7	49.7	0.0	-0.1%
25.9%	49.6	49.7	0.0	0.1%
27.2%	49.5	49.6	0.1	0.1%
28.4%	49.4	49.6	0.2	0.4%
29.6%	49.4	49.5	0.2	0.4%
30.9%	49.4	49.5	0.1	0.3%
32.1%	49.3	49.4	0.1	0.2%
33.3%	49.3	49.3	0.1	0.2%
34.6%	49.2	49.3	0.1	0.2%
35.8%	49.1	49.2	0.1	0.3%
37.0%	49.1	49.1	0.1	0.2%
38.3%	48.9	49.1	0.2	0.4%
39.5%	48.9	49.1	0.2	0.4%
40.7%	48.9	49.0	0.1	0.3%
42.0%	48.9	49.0	0.1	0.2%
43.2%	48.9	49.0	0.1	0.2%
44.4%	48.9	48.9	0.1	0.1%
45.7%	48.8	48.9	0.0	0.1%
46.9%	48.8	48.9	0.1	0.2%
48.1%	48.8	48.9	0.1	0.2%
49.4%	48.7	48.9	0.1	0.3%
50.6%	48.7	48.8	0.1	0.2%
51.9%	48.7	48.7	0.1	0.1%
53.1%	48.6	48.7	0.1	0.2%
54.3%	48.6	48.7	0.1	0.2%
55.6%	48.5	48.6	0.1	0.2%
56.8%	48.5	48.6	0.1	0.1%
58.0%	48.5	48.6	0.1	0.2%
59.3%	48.5	48.5	0.1	0.1%
60.5%	48.5	48.5	0.1	0.1%
61.7%	48.3	48.5	0.2	0.3%
63.0%	48.2	48.3	0.1	0.1%
64.2%	48.2	48.2	0.0	0.0%
65.4%	48.2	48.1	0.0	-0.1%
66.7%	48.2	48.1	0.0	-0.1%
67.9%	48.1	48.1	0.0	-0.1%
69.1%	48.0	47.9	0.0	0.0%
70.4%	47.8	47.9	0.0	0.1%
71.6%	47.8	47.8	0.0	0.0%
72.8%	47.7	47.7	0.0	0.0%
74.1%	47.7	47.7	0.0	0.0%
75.3%	47.5	47.7	0.2	0.4%
76.5%	47.5	47.7	0.2	0.4%
77.8%	47.4	47.4	0.0	0.0%
79.0%	47.3	47.3	0.0	0.0%
80.2%	47.3	47.3	0.1	0.1%
81.5%	47.3	47.3	0.0	0.1%
82.7%	47.2	47.3	0.1	0.1%
84.0%	47.2	47.2	0.0	0.0%
85.2%	47.2	47.2	0.0	0.0%
86.4%	47.1	47.1	0.0	-0.1%
87.7%	47.0	47.1	0.0	0.1%
88.9%	47.0	47.1	0.1	0.1%
90.1%	47.0	47.0	0.0	0.1%
91.4%	46.9	47.0	0.2	0.3%
92.6%	46.8	46.8	0.0	0.0%
93.8%	46.8	46.8	0.0	0.0%
95.1%	46.5	46.5	0.0	0.0%
96.3%	46.4	46.4	0.0	0.1%
97.5%	46.1	46.2	0.1	0.1%
98.8%	46.1	46.1	0.1	0.1%
100.0%	45.6	45.6	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.6	55.4	0.8	1.4%
1.2%	54.2	55.1	0.9	1.7%
2.5%	54.2	54.3	0.1	0.2%
3.7%	54.1	54.1	0.0	0.0%
4.9%	54.1	54.1	-0.1	-0.1%
6.2%	54.1	54.0	-0.1	-0.1%
7.4%	53.8	53.9	0.1	0.1%
8.6%	53.8	53.9	0.2	0.3%
9.9%	53.7	53.9	0.1	0.2%
11.1%	53.3	53.8	0.5	0.9%
12.3%	53.2	53.8	0.6	1.2%
13.6%	53.2	53.7	0.5	1.0%
14.8%	53.1	53.7	0.6	1.1%
16.0%	52.9	53.4	0.5	1.0%
17.3%	52.8	53.4	0.6	1.1%
18.5%	52.8	53.3	0.5	1.0%
19.8%	52.6	53.3	0.7	1.3%
21.0%	52.5	53.3	0.7	1.4%
22.2%	52.5	53.2	0.7	1.4%
23.5%	52.5	52.9	0.5	0.9%
24.7%	52.4	52.9	0.5	1.0%
25.9%	52.3	52.8	0.4	0.9%
27.2%	52.3	52.7	0.4	0.8%
28.4%	52.3	52.6	0.3	0.7%
29.6%	52.2	52.6	0.4	0.8%
30.9%	52.1	52.6	0.4	0.9%
32.1%	52.1	52.5	0.4	0.8%
33.3%	52.1	52.4	0.4	0.7%
34.6%	52.0	52.4	0.4	0.7%
35.8%	51.9	52.3	0.4	0.7%
37.0%	51.9	52.3	0.4	0.7%
38.3%	51.9	52.3	0.4	0.7%
39.5%	51.9	52.2	0.4	0.7%
40.7%	51.9	52.2	0.4	0.7%
42.0%	51.7	52.2	0.4	0.8%
43.2%	51.7	52.1	0.4	0.8%
44.4%	51.6	52.1	0.4	0.8%
45.7%	51.6	52.0	0.4	0.8%
46.9%	51.5	52.0	0.5	1.0%
48.1%	51.5	52.0	0.5	1.0%
49.4%	51.4	51.9	0.5	1.0%
50.6%	51.4	51.9	0.5	1.0%
51.9%	51.4	51.9	0.5	0.9%
53.1%	51.4	51.9	0.5	0.9%
54.3%	51.4	51.8	0.4	0.8%
55.6%	51.3	51.8	0.5	0.9%
56.8%	51.3	51.7	0.5	0.9%
58.0%	51.2	51.7	0.4	0.8%
59.3%	51.2	51.6	0.4	0.8%
60.5%	51.2	51.6	0.4	0.8%
61.7%	51.1	51.5	0.4	0.8%
63.0%	51.1	51.5	0.4	0.8%
64.2%	51.1	51.5	0.4	0.9%
65.4%	50.9	51.4	0.5	1.1%
66.7%	50.9	51.4	0.6	1.1%
67.9%	50.8	51.4	0.6	1.1%
69.1%	50.8	51.4	0.5	1.0%
70.4%	50.6	51.3	0.7	1.3%
71.6%	50.6	51.3	0.7	1.3%
72.8%	50.6	51.3	0.7	1.4%
74.1%	50.4	51.2	0.8	1.5%
75.3%	50.4	51.2	0.8	1.5%
76.5%	50.4	51.1	0.7	1.4%
77.8%	50.3	51.0	0.7	1.4%
79.0%	50.2	50.7	0.5	0.9%
80.2%	50.2	50.6	0.4	0.9%
81.5%	50.1	50.5	0.4	0.9%
82.7%	50.0	50.4	0.4	0.7%
84.0%	50.0	50.3	0.4	0.7%
85.2%	49.9	50.1	0.2	0.4%
86.4%	49.8	50.1	0.3	0.6%
87.7%	49.6	50.1	0.4	0.9%
88.9%	49.6	50.0	0.5	0.9%
90.1%	49.3	50.0	0.7	1.4%
91.4%	49.3	50.0	0.7	1.4%
92.6%	49.2	49.8	0.6	1.2%
93.8%	49.2	49.8	0.6	1.3%
95.1%	49.1	49.2	0.1	0.2%
96.3%	48.9	49.1	0.3	0.5%
97.5%	48.8	48.9	0.1	0.1%
98.8%	48.7	48.7	0.0	0.0%
100.0%	47.8	47.8	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	57.2	57.1	-0.1	-0.2%
1.2%	56.8	56.9	0.1	0.3%
2.5%	56.7	56.7	0.0	0.1%
3.7%	56.3	56.4	0.1	0.2%
4.9%	56.1	55.8	-0.2	-0.4%
6.2%	56.0	55.3	-0.7	-1.2%
7.4%	55.8	55.0	-0.8	-1.4%
8.6%	55.8	55.0	-0.9	-1.5%
9.9%	55.8	54.9	-1.0	-1.7%
11.1%	55.7	54.8	-0.8	-1.5%
12.3%	55.4	54.8	-0.6	-1.0%
13.6%	55.3	54.8	-0.5	-0.8%
14.8%	55.2	54.6	-0.6	-1.0%
16.0%	55.1	54.6	-0.5	-0.9%
17.3%	55.0	54.5	-0.5	-0.9%
18.5%	54.9	54.5	-0.4	-0.8%
19.8%	54.9	54.5	-0.4	-0.8%
21.0%	54.7	54.5	-0.2	-0.5%
22.2%	54.7	54.5	-0.2	-0.4%
23.5%	54.5	54.4	-0.1	-0.2%
24.7%	54.4	54.3	-0.1	-0.2%
25.9%	54.4	54.3	-0.1	-0.2%
27.2%	54.3	54.3	0.0	0.0%
28.4%	54.3	54.2	-0.1	-0.1%
29.6%	54.2	54.2	0.0	0.0%
30.9%	54.2	54.1	-0.1	-0.1%
32.1%	54.2	54.1	-0.1	-0.2%
33.3%	54.1	54.1	-0.1	-0.1%
34.6%	54.1	54.0	0.0	-0.1%
35.8%	54.0	53.9	-0.1	-0.2%
37.0%	54.0	53.8	-0.2	-0.3%
38.3%	53.9	53.8	-0.1	-0.2%
39.5%	53.7	53.8	0.2	0.3%
40.7%	53.6	53.7	0.1	0.2%
42.0%	53.6	53.7	0.1	0.2%
43.2%	53.5	53.6	0.1	0.2%
44.4%	53.5	53.4	-0.1	-0.2%
45.7%	53.4	53.4	0.0	0.0%
46.9%	53.3	53.3	0.0	-0.1%
48.1%	53.3	53.3	0.0	0.0%
49.4%	53.3	53.3	0.0	0.1%
50.6%	53.2	53.3	0.0	0.1%
51.9%	53.1	53.2	0.1	0.2%
53.1%	53.1	53.2	0.2	0.3%
54.3%	53.0	53.2	0.2	0.3%
55.6%	52.9	53.2	0.2	0.4%
56.8%	52.9	53.1	0.2	0.4%
58.0%	52.9	53.1	0.2	0.4%
59.3%	52.8	53.0	0.2	0.4%
60.5%	52.8	53.0	0.2	0.4%
61.7%	52.7	52.9	0.2	0.3%
63.0%	52.7	52.8	0.1	0.2%
64.2%	52.6	52.8	0.1	0.3%
65.4%	52.6	52.8	0.1	0.2%
66.7%	52.6	52.7	0.2	0.3%
67.9%	52.6	52.7	0.1	0.3%
69.1%	52.5	52.6	0.1	0.1%
70.4%	52.4	52.5	0.2	0.3%
71.6%	52.3	52.5	0.2	0.5%
72.8%	52.3	52.5	0.2	0.4%
74.1%	52.1	52.5	0.3	0.6%
75.3%	52.1	52.3	0.2	0.3%
76.5%	52.1	52.2	0.2	0.3%
77.8%	52.0	52.2	0.2	0.4%
79.0%	51.9	52.2	0.3	0.6%
80.2%	51.8	52.1	0.3	0.6%
81.5%	51.8	52.1	0.3	0.6%
82.7%	51.6	52.0	0.4	0.7%
84.0%	51.5	51.9	0.4	0.8%
85.2%	51.5	51.8	0.4	0.7%
86.4%	51.4	51.6	0.2	0.3%
87.7%	51.4	51.5	0.1	0.2%
88.9%	51.4	51.5	0.1	0.1%
90.1%	51.4	51.4	-0.1	-0.2%
91.4%	51.3	51.3	0.0	0.0%
92.6%	51.2	51.2	0.0	0.0%
93.8%	51.1	51.2	0.1	0.2%
95.1%	51.1	51.1	0.0	0.1%
96.3%	51.0	51.1	0.1	0.2%
97.5%	50.6	50.8	0.1	0.2%
98.8%	50.5	50.4	-0.1	-0.1%
100.0%	50.4	50.3	-0.1	-0.1%

Table SQ-03-7b

Sacramento River at Balls Ferry, Monthly Temperature

Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	58.1	57.5	-0.6	-1.0%
1.2%	57.7	57.4	-0.3	-0.5%
2.5%	56.6	56.2	-0.5	-0.8%
3.7%	56.6	56.1	-0.5	-0.9%
4.9%	56.5	56.0	-0.5	-0.9%
6.2%	55.7	56.0	0.3	0.5%
7.4%	55.5	55.4	-0.1	-0.2%
8.6%	55.5	55.2	-0.3	-0.5%
9.9%	55.0	55.2	0.2	0.3%
11.1%	54.9	54.8	-0.1	-0.2%
12.3%	54.7	54.7	0.1	0.1%
13.6%	54.4	54.5	0.1	0.1%
14.8%	54.4	54.5	0.1	0.3%
16.0%	54.4	54.4	0.1	0.2%
17.3%	54.3	54.4	0.0	0.1%
18.5%	54.1	54.2	0.1	0.2%
19.8%	54.1	54.0	-0.1	-0.1%
21.0%	54.0	54.0	0.1	0.1%
22.2%	53.9	54.0	0.1	0.1%
23.5%	53.9	53.9	0.0	0.0%
24.7%	53.9	53.9	-0.1	-0.1%
25.9%	53.9	53.9	0.0	0.0%
27.2%	53.8	53.9	0.0	0.1%
28.4%	53.8	53.8	0.0	0.0%
29.6%	53.7	53.7	0.0	0.1%
30.9%	53.7	53.6	-0.1	-0.1%
32.1%	53.7	53.6	-0.1	-0.2%
33.3%	53.6	53.6	0.0	-0.1%
34.6%	53.6	53.6	0.0	0.0%
35.8%	53.5	53.5	0.0	-0.1%
37.0%	53.5	53.5	0.0	0.0%
38.3%	53.5	53.4	-0.1	-0.2%
39.5%	53.5	53.4	-0.1	-0.1%
40.7%	53.4	53.3	0.0	-0.1%
42.0%	53.4	53.3	0.0	0.0%
43.2%	53.3	53.3	0.0	0.0%
44.4%	53.3	53.3	0.0	0.1%
45.7%	53.3	53.3	0.0	0.0%
46.9%	53.2	53.3	0.1	0.1%
48.1%	53.1	53.2	0.1	0.1%
49.4%	53.1	53.2	0.1	0.1%
50.6%	53.1	53.2	0.1	0.1%
51.9%	53.1	53.2	0.1	0.1%
53.1%	53.1	53.1	0.0	0.1%
54.3%	53.1	53.1	0.1	0.1%
55.6%	53.1	53.1	0.0	0.1%
56.8%	53.1	53.1	0.0	0.1%
58.0%	53.0	53.0	0.0	0.0%
59.3%	53.0	53.0	0.0	0.0%
60.5%	53.0	53.0	0.0	0.0%
61.7%	53.0	53.0	0.0	0.0%
63.0%	53.0	53.0	0.0	0.0%
64.2%	53.0	53.0	0.0	0.0%
65.4%	52.9	53.0	0.1	0.1%
66.7%	52.9	52.9	0.1	0.1%
67.9%	52.8	52.8	0.1	0.1%
69.1%	52.7	52.8	0.1	0.2%
70.4%	52.7	52.8	0.0	0.1%
71.6%	52.7	52.7	0.0	0.0%
72.8%	52.6	52.7	0.0	0.1%
74.1%	52.6	52.7	0.1	0.1%
75.3%	52.6	52.7	0.1	0.2%
76.5%	52.5	52.6	0.1	0.1%
77.8%	52.5	52.6	0.0	0.1%
79.0%	52.5	52.5	0.0	0.1%
80.2%	52.5	52.5	0.0	0.0%
81.5%	52.5	52.5	0.0	0.0%
82.7%	52.4	52.5	0.1	0.3%
84.0%	52.3	52.3	0.1	0.2%
85.2%	52.3	52.3	0.1	0.1%
86.4%	52.2	52.3	0.1	0.1%
87.7%	51.9	52.2	0.3	0.6%
88.9%	51.9	52.1	0.1	0.2%
90.1%	51.9	52.1	0.2	0.4%
91.4%	51.8	51.9	0.1	0.2%
92.6%	51.8	51.9	0.1	0.1%
93.8%	51.7	51.9	0.2	0.4%
95.1%	51.7	51.7	0.0	0.0%
96.3%	51.5	51.6	0.1	0.2%
97.5%	51.3	51.5	0.2	0.4%
98.8%	51.2	51.5	0.2	0.4%
100.0%	51.1	51.2	0.1	0.2%

July				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	61.2	60.4	-0.8	-1.3%
1.2%	58.7	58.7	0.0	0.0%
2.5%	58.7	58.2	-0.5	-0.8%
3.7%	58.5	58.1	-0.4	-0.6%
4.9%	58.2	57.6	-0.6	-1.1%
6.2%	58.1	57.3	-0.8	-1.4%
7.4%	58.1	57.2	-0.9	-1.6%
8.6%	57.8	56.9	-0.9	-1.5%
9.9%	56.9	56.6	-0.3	-0.5%
11.1%	56.5	56.0	-0.5	-0.9%
12.3%	56.4	55.8	-0.6	-1.1%
13.6%	56.1	55.4	-0.8	-1.4%
14.8%	55.7	55.3	-0.4	-0.7%
16.0%	55.7	55.2	-0.4	-0.8%
17.3%	55.0	55.1	0.0	0.1%
18.5%	55.0	55.0	-0.1	-0.1%
19.8%	55.0	54.9	-0.1	-0.2%
21.0%	55.0	54.7	-0.2	-0.5%
22.2%	54.7	54.7	0.0	0.0%
23.5%	54.7	54.7	0.0	-0.1%
24.7%	54.6	54.6	0.0	0.0%
25.9%	54.5	54.6	0.0	0.1%
27.2%	54.5	54.6	0.0	0.0%
28.4%	54.5	54.5	-0.1	-0.1%
29.6%	54.5	54.5	0.0	0.0%
30.9%	54.4	54.4	0.0	0.1%
32.1%	54.3	54.2	-0.1	-0.2%
33.3%	54.3	54.2	-0.1	-0.2%
34.6%	54.3	54.2	-0.1	-0.2%
35.8%	54.3	54.2	-0.1	-0.2%
37.0%	54.3	54.2	-0.1	-0.2%
38.3%	54.3	54.2	-0.1	-0.2%
39.5%	54.3	54.2	-0.1	-0.2%
40.7%	54.2	54.1	-0.1	-0.1%
42.0%	54.1	54.1	0.0	0.0%
43.2%	54.1	54.0	0.0	0.0%
44.4%	54.0	54.0	0.0	0.0%
45.7%	53.9	53.9	0.0	-0.1%
46.9%	53.9	53.9	0.0	-0.1%
48.1%	53.8	53.8	0.0	0.0%
49.4%	53.8	53.8	0.0	-0.1%
50.6%	53.7	53.7	0.0	0.0%
51.9%	53.7	53.7	0.0	0.0%
53.1%	53.6	53.7	0.1	0.2%
54.3%	53.6	53.7	0.1	0.2%
55.6%	53.5	53.7	0.2	0.3%
56.8%	53.4	53.5	0.1	0.2%
58.0%	53.4	53.5	0.1	0.1%
59.3%	53.4	53.4	0.0	0.0%
60.5%	53.3	53.4	0.1	0.1%
61.7%	53.3	53.4	0.1	0.2%
63.0%	53.3	53.4	0.1	0.2%
64.2%	53.2	53.4	0.1	0.2%
65.4%	53.2	53.3	0.1	0.2%
66.7%	53.2	53.3	0.1	0.1%
67.9%	53.2	53.3	0.1	0.1%
69.1%	53.2	53.3	0.1	0.2%
70.4%	53.2	53.3	0.1	0.2%
71.6%	53.2	53.3	0.1	0.2%
72.8%	53.1	53.2	0.1	0.2%
74.1%	53.1	53.2	0.1	0.2%
75.3%	53.1	53.2	0.1	0.2%
76.5%	53.0	53.2	0.2	0.3%
77.8%	53.0	53.2	0.1	0.3%
79.0%	53.0	53.2	0.1	0.3%
80.2%	53.0	53.1	0.1	0.3%
81.5%	53.0	53.1	0.2	0.3%
82.7%	52.9	53.0	0.1	0.2%
84.0%	52.9	53.0	0.1	0.2%
85.2%	52.9	53.0	0.1	0.2%
86.4%	52.9	52.9	0.0	0.0%
87.7%	52.9	52.8	-0.1	-0.1%
88.9%	52.9	52.8	-0.1	-0.2%
90.1%	52.7	52.8	0.0	0.1%
91.4%	52.7	52.6	-0.1	-0.2%
92.6%	52.6	52.5	-0.1	-0.2%
93.8%	52.4	52.3	-0.1	-0.1%
95.1%	52.4	52.2	-0.2	-0.3%
96.3%	52.3	52.1	-0.2	-0.4%
97.5%	52.1	52.0	-0.1	-0.2%
98.8%	52.1	52.0	-0.1	-0.2%
100.0%	52.0	51.8	-0.2	-0.4%

August				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.0	64.6	-1.4	-2.1%
1.2%	65.2	60.6	-4.6	-7.1%
2.5%	64.5	60.4	-4.1	-6.3%
3.7%	63.1	57.9	-5.2	-8.3%
4.9%	60.2	57.2	-3.0	-5.0%
6.2%	59.0	57.1	-1.9	-3.2%
7.4%	58.6	56.9	-1.7	-2.9%
8.6%	57.7	56.7	-1.0	-1.8%
9.9%	57.2	56.6	-0.6	-1.1%
11.1%	57.0	56.4	-0.6	-1.0%
12.3%	56.8	56.4	-0.4	-0.7%
13.6%	56.8	56.1	-0.7	-1.2%
14.8%	56.7	56.0	-0.7	-1.2%
16.0%	56.0	55.9	0.0	-0.1%
17.3%	55.9	55.9	0.0	0.0%
18.5%	55.8	55.9	0.0	0.1%
19.8%	55.8	55.9	0.1	0.1%
21.0%	55.7	55.8	0.1	0.2%
22.2%	55.7	55.8	0.1	0.2%
23.5%	55.7	55.6	0.0	-0.1%
24.7%	55.7	55.6	0.0	-0.1%
25.9%	55.6	55.6	0.0	0.0%
27.2%	55.6	55.5	-0.1	-0.2%
28.4%	55.6	55.2	-0.4	-0.7%
29.6%	55.6	55.2	-0.4	-0.7%
30.9%	55.4	55.0	-0.4	-0.7%
32.1%	55.4	55.0	-0.4	-0.7%
33.3%	55.4	55.0	-0.4	-0.6%
34.6%	55.4	55.0	-0.4	-0.6%
35.8%	55.3	55.0	-0.4	-0.7%
37.0%	55.3	54.9	-0.4	-0.8%
38.3%	55.3	54.8	-0.5	-0.9%
39.5%	55.1	54.7	-0.3	-0.6%
40.7%	54.9	54.7	-0.2	-0.4%
42.0%	54.9	54.7	-0.2	-0.3%
43.2%	54.9	54.7	-0.1	-0.3%
44.4%	54.9	54.7	-0.1	-0.3%
45.7%	54.8	54.7	-0.1	-0.3%
46.9%	54.8	54.7	-0.1	-0.3%
48.1%	54.8	54.7	-0.2	-0.3%
49.4%	54.8	54.6	-0.2	-0.3%
50.6%	54.7	54.6	-0.1	-0.2%
51.9%	54.7	54.6	-0.2	-0.3%
53.1%	54.7	54.5	-0.2	-0.4%
54.3%	54.6	54.5	-0.1	-0.2%
55.6%	54.6	54.5	-0.1	-0.2%
56.8%	54.6	54.5	-0.1	-0.2%
58.0%	54.6	54.5	-0.1	-0.1%
59.3%	54.6	54.5	-0.1	-0.2%
60.5%	54.5	54.4	-0.1	-0.2%
61.7%	54.5	54.4	-0.1	-0.3%
63.0%	54.5	54.3	-0.1	-0.2%
64.2%	54.4	54.3	-0.1	-0.1%
65.4%	54.3	54.3	-0.1	-0.1%
66.7%	54.3	54.2	-0.1	-0.1%
67.9%	54.3	54.2	-0.1	-0.1%
69.1%	54.3	54.2	-0.1	-0.2%
70.4%	54.3	54.2	-0.1	-0.2%
71.6%	54.3	54.2	-0.1	-0.2%
72.8%	54.2	54.1	-0.1	-0.2%
74.1%	54.2	54.1	-0.1	-0.2%
75.3%	54.2	54.1	-0.1	-0.2%
76.5%	54.2	54.1	-0.1	-0.2%
77.8%	54.2	54.0	-0.2	-0.3%
79.0%	54.0	54.0	0.0	0.1%
80.2%	53.9	54.0	0.0	0.1%
81.5%	53.9	54.0	0.1	0.1%
82.7%	53.9	54.0	0.1	0.2%
84.0%	53.8	53.8	0.0	0.0%
85.2%	53.8	53.8	0.0	0.0%
86.4%	53.7	53.8	0.1	0.1%
87.7%	53.7	53.7	0.0	-0.1%
88.9%	53.6	53.6	0.0	0.1%
90.1%	53.5	53.5	0.0	0.0%
91.4%	53.5	53.4	-0.1	-0.1%
92.6%	53.4	53.4	0.0	0.0%
93.8%	53.4	53.4	0.1	0.1%
95.1%	53.1	53.3	0.2	0.4%
96.3%	53.1	53.3	0.2	0.4%
97.5%	52.8	53.1	0.3	0.6%
98.8%	52.7	53.0	0.3	0.6%
100.0%	52.5	53.0	0.5	1.0%

September				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.8	65.4	-1.5	-2.2%
1.2%	65.0	64.6	-0.4	-0.6%
2.5%	64.9	64.2	-0.7	-1.1%
3.7%	64.9	63.9	-1.0	-1.6%
4.9%	63.9	62.4	-1.5	-2.4%
6.2%	63.5	61.3	-2.2	-3.4%
7.4%	63.4	60.1	-3.2	-5.1%
8.6%	60.9	59.6	-1.3	-2.1%
9.9%	60.6	59.1	-1.5	-2.4%
11.1%	59.3	58.6	-0.7	-1.1%
12.3%	59.3	58.6	-0.7	-1.1%
13.6%	58.9	58.4	-0.5	-0.9%
14.8%	58.9	58.0	-0.9	-1.5%
16.0%	58.9	58.0	-0.9	-1.5%
17.3%	58.3	57.8	-0.6	-1.0%
18.5%	58.3	57.8	-0.5	-0.9%
19.8%	58.2	57.4	-0.7	-1.3%
21.0%	58.1	57.3	-0.8	-1.4%
22.2%	57.8	57.1	-0.7	-1.2%
23.5%	57.8	57.0	-0.8	-1.4%
24.7%	57.4	56.7	-0.8	-1.3%
25.9%	57.2	56.7	-0.6	-1.0%
27.2%	57.1	56.6	-0.6	-1.0%
28.4%	57.0	56.5	-0.4	-0.8%
29.6%	56.9	56.4	-0.5	-0.9%
30.9%	56.9	56.4	-0.5	-0.9%
32.1%	56.9	56.4	-0.5	-0.9%
33.3%	56.8	56.3	-0.5	-0.9%
34.6%	56.6	56.2	-0.4	-0.6%
35.8%	56.6	56.2	-0.4	-0.7%
37.0%	56.5	56.2	-0.4	-0.6%
38.3%	56.5	56.1	-0.4	-0.8%
39.5%	56.5	55.9	-0.6	-1.0%
40.7%	56.4	55.9	-0.5	-0.9%
42.0%	56.3	55.8	-0.5	-0.8%
43.2%	56.3	55.8	-0.5	-0.8%
44.4%	56.3	55.8	-0.5	-0.8%
45.7%	56.2	55.8	-0.5	-0.9%
46.9%	56.2	55.7	-0.5	-0.9%
48.1%	56.2	55.6	-0.6	-1.0%
49.4%	56.2	55.5	-0.7	-1.2%
50.6%	56.1	55.5	-0.6	-1.1%
51.9%	56.1	55.5	-0.6	-1.0%
53.1%	55.7	55.5	-0.2	-0.4%
54.3%	55.7	55.4	-0.3	-0.6%
55.6%	55.6	55.4	-0.2	-0.4%
56.8%	55.4	55.3	-0.1	-0.2%
58.0%	55.3	55.3	0.0	0.0%
59.3%	55.3	55.3	0.0	0.0%
60.5%	55.3	55.0	-0.3	-0.6%
61.7%	55.3	55.0	-0.3	-0.5%
63.0%	55.2	55.0	-0.3	-0.5%
64.2%	55.1	54.9	-0.2	-0.3%
65.4%	55.0	54.9	-0.1	-0.2%
66.7%	55.0	54.8	-0.2	-0.4%
67.9%	54.9	54.7	-0.2	-0.3%
69.1%	54.9	54.6	-0.3	-0.5%
70.4%	54.8	54.6	-0.3	-0.5%
71.6%	54.8	54.5	-0.3	-0.6%
72.8%	54.7	54.5	-0.3	-0.5%
74.1%	54.7	54.5	-0.2	-0.3%
75.3%	54.6	54.4	-0.2	-0.3%
76.5%	54.5	54.4	-0.1	-0.3%
77.8%	54.5	54.4	-0.1	-0.3%
79.0%	54.5	54.3	-0.2	-0.3%
80.2%	54.5	54.3	-0.2	-0.4%
81.5%	54.4	54.3	-0.2	-0.3%
82.7%	54.4	54.1	-0.2	-0.4%
84.0%	54.3	54.1	-0.1	-0.2%
85.2%	54.2	54.1	-0.1	-0.1%
86.4%	54.1	53.9	-0.2	-0.3%
87.7%	54.1	53.9	-0.2	-0.4%
88.9%	54.0	53.5	-0.5	-0.9%
90.1%	54.0	53.4	-0.5	-1.0%
91.4%	53.9	53.3	-0.6	-1.1%
92.6%	53.8	53.3	-0.4	-0.8%
93.8%	53.6	53.3	-0.3	-0.5%
95.1%	53.4	53.3	-0.1	-0.2%
96.3%	53.4	53.0	-0.4	-0.7%
97.5%	53.0	52.2	-0.8	-1.5%
98.8%	52.0	52.0	0.0	0.1%
100.0%	51.9	51.9	0.0	0.0%

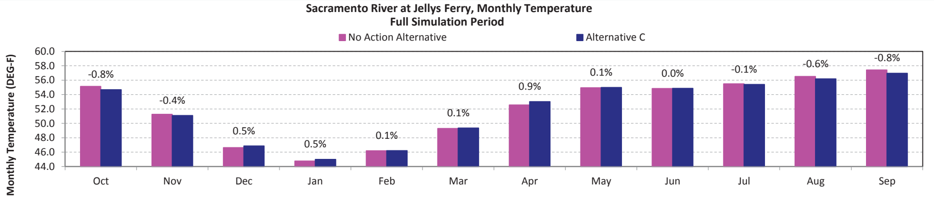
Table SQ-04-7a
Sacramento River at Jellys Ferry, Monthly Temperature
Long-term Average and Average by Water Year Type

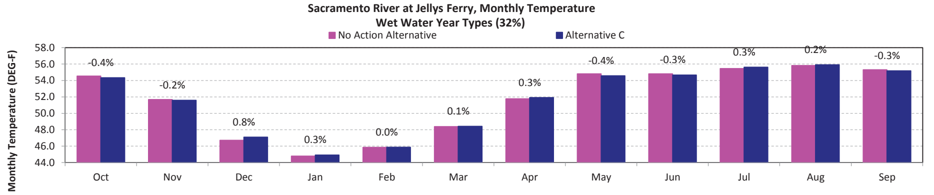
	Monthly Temperature (DEG-F)											
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period[1]												
No Action Alternative	55.1	51.3	46.6	44.8	46.2	49.3	52.6	54.9	54.8	55.5	56.5	57.4
Alternative C	54.7	51.1	46.9	45.0	46.2	49.4	53.0	55.0	54.9	55.4	56.2	57.0
Difference	-0.5	-0.2	0.2	0.2	0.0	0.1	0.5	0.0	0.0	-0.1	-0.4	-0.4
Percent Difference[3]	-0.8%	-0.4%	0.5%	0.5%	0.1%	0.1%	0.9%	0.1%	0.0%	-0.1%	-0.6%	-0.8%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	54.5	51.7	46.7	44.8	45.9	48.4	51.8	54.8	54.8	55.5	55.8	55.3
Alternative C	54.3	51.6	47.1	44.9	45.9	48.4	51.9	54.6	54.7	55.6	55.9	55.2
Difference	-0.2	-0.1	0.4	0.1	0.0	0.0	0.1	-0.2	-0.2	0.2	0.1	-0.1
Percent Difference	-0.4%	-0.2%	0.8%	0.3%	0.0%	0.1%	0.3%	-0.4%	-0.3%	0.3%	0.2%	-0.3%
Above Normal (15%)												
No Action Alternative	54.1	51.0	47.1	45.0	46.3	49.5	53.0	55.5	54.0	54.4	56.0	56.3
Alternative C	53.7	51.0	47.5	45.3	46.3	49.5	53.3	55.2	54.2	54.4	56.0	56.4
Difference	-0.4	-0.1	0.4	0.2	0.0	0.0	0.3	-0.3	0.2	0.0	0.1	0.0
Percent Difference	-0.7%	-0.1%	0.8%	0.5%	0.0%	0.0%	0.6%	-0.5%	0.4%	0.0%	0.1%	0.0%
Below Normal (17%)												
No Action Alternative	53.8	50.7	46.9	44.6	45.9	49.2	53.0	55.0	54.4	54.7	55.5	57.0
Alternative C	53.4	50.5	47.0	44.8	45.9	49.3	53.6	55.1	54.4	54.6	55.6	56.6
Difference	-0.4	-0.2	0.1	0.2	0.0	0.0	0.6	0.2	0.1	-0.1	0.0	-0.4
Percent Difference	-0.7%	-0.3%	0.2%	0.4%	0.0%	0.0%	1.1%	0.3%	0.2%	-0.2%	0.1%	-0.7%
Dry (22%)												
No Action Alternative	55.4	51.4	46.6	44.7	46.4	50.0	53.0	54.5	54.8	55.0	56.4	58.4
Alternative C	54.8	51.0	46.5	45.1	46.4	50.0	53.7	54.8	55.0	55.0	55.9	57.6
Difference	-0.6	-0.4	0.0	0.3	0.0	0.1	0.7	0.3	0.2	0.0	-0.5	-0.7
Percent Difference	-1.2%	-0.7%	0.0%	0.8%	0.0%	0.1%	1.3%	0.5%	0.3%	0.1%	-0.9%	-1.2%
Critical (15%)												
No Action Alternative	58.7	51.2	45.8	44.7	46.9	50.2	52.6	55.3	56.4	58.3	60.0	62.1
Alternative C	57.8	50.9	46.0	44.9	47.1	50.3	53.5	55.8	56.3	57.6	58.0	60.9
Difference	-0.8	-0.3	0.3	0.2	0.1	0.1	0.9	0.5	-0.1	-0.7	-2.0	-1.2
Percent Difference	-1.4%	-0.6%	0.6%	0.5%	0.3%	0.2%	1.7%	0.9%	-0.1%	-1.3%	-3.3%	-1.9%

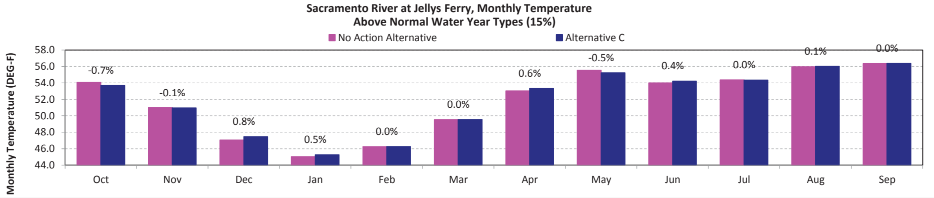
1 Based on the 82-year simulation period

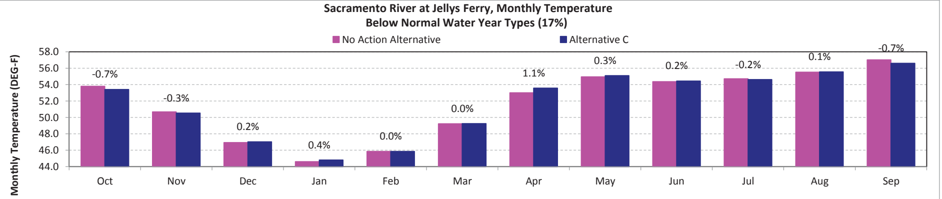
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

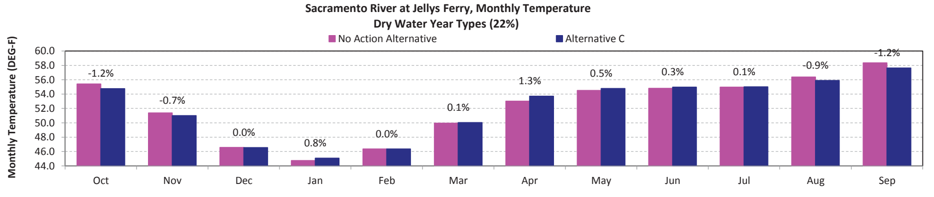
3 Relative difference of the monthly average


Sacramento River at Jellys Ferry, Monthly Temperature
Full Simulation Period


Sacramento River at Jellys Ferry, Monthly Temperature
Wet Water Year Types (32%)


Sacramento River at Jellys Ferry, Monthly Temperature
Above Normal Water Year Types (15%)


Sacramento River at Jellys Ferry, Monthly Temperature
Below Normal Water Year Types (17%)


Sacramento River at Jellys Ferry, Monthly Temperature
Dry Water Year Types (22%)

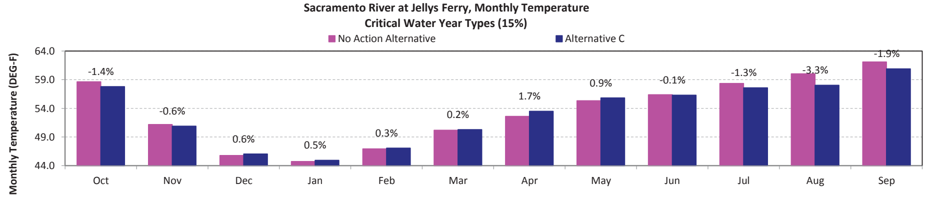

Sacramento River at Jellys Ferry, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-04-7b
Sacramento River at Jellys Ferry, Monthly Temperature
Probability of Exceedance

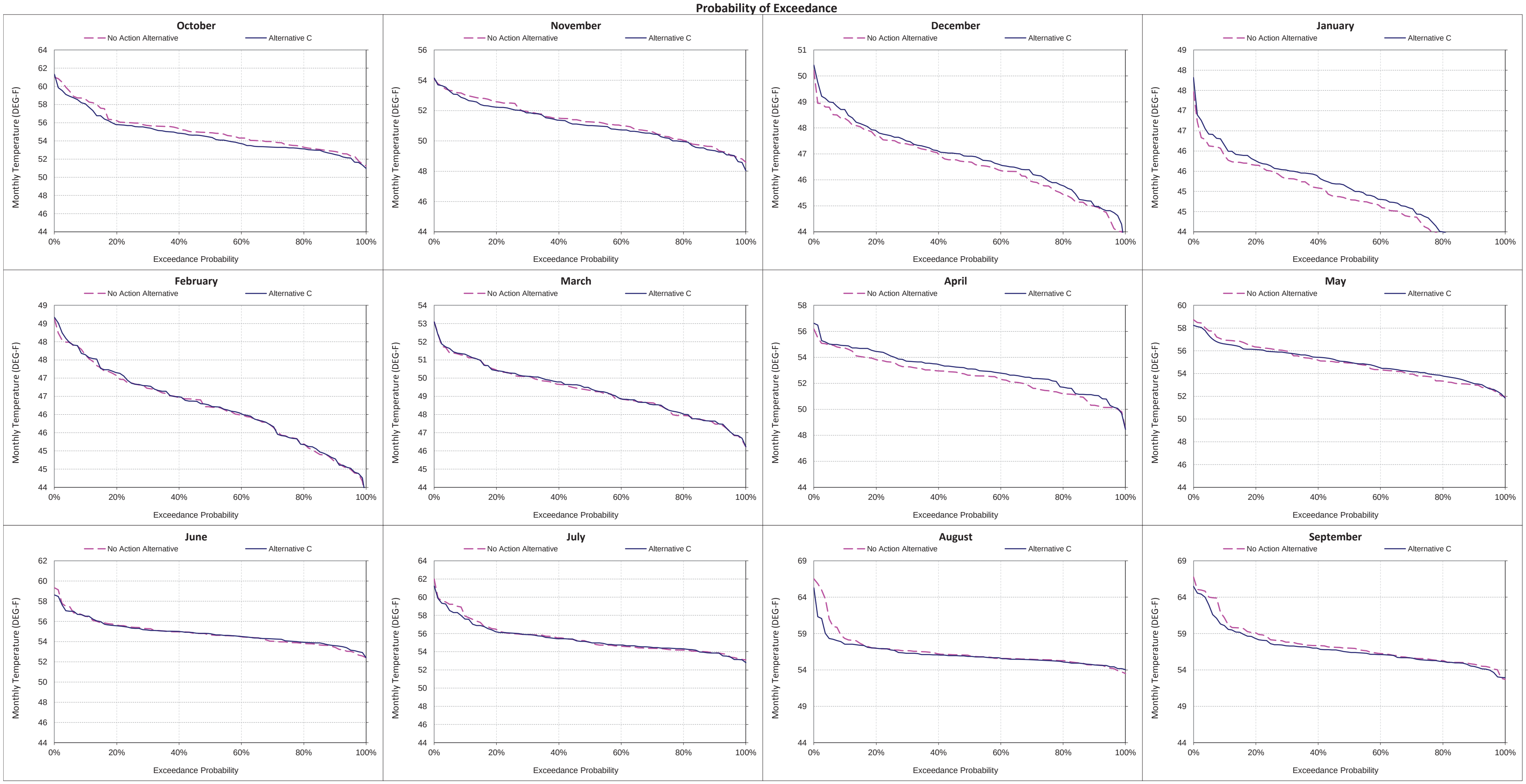


Table SQ-04-7b

Sacramento River at Jellys Ferry, Monthly Temperature
Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	61.0	61.3	0.3	0.5%
1.2%	60.9	59.8	-1.0	-1.7%
2.5%	60.5	59.5	-0.9	-1.5%
3.7%	59.9	59.1	-0.8	-1.3%
4.9%	59.5	58.9	-0.5	-0.9%
6.2%	58.9	58.7	-0.2	-0.3%
7.4%	58.7	58.6	-0.2	-0.3%
8.6%	58.7	58.2	-0.5	-0.9%
9.9%	58.6	58.1	-0.5	-0.9%
11.1%	58.3	57.7	-0.5	-0.9%
12.3%	58.2	57.3	-0.9	-1.5%
13.6%	58.0	56.8	-1.2	-2.1%
14.8%	57.6	56.8	-0.8	-1.4%
16.0%	57.5	56.4	-1.2	-2.0%
17.3%	56.4	56.2	-0.1	-0.3%
18.5%	56.3	56.0	-0.3	-0.6%
19.8%	56.3	55.8	-0.5	-0.8%
21.0%	56.1	55.8	-0.3	-0.5%
22.2%	56.0	55.7	-0.3	-0.6%
23.5%	56.0	55.7	-0.3	-0.6%
24.7%	56.0	55.7	-0.3	-0.6%
25.9%	56.0	55.6	-0.4	-0.7%
27.2%	56.0	55.6	-0.4	-0.7%
28.4%	55.8	55.5	-0.3	-0.5%
29.6%	55.7	55.4	-0.3	-0.5%
30.9%	55.7	55.4	-0.3	-0.5%
32.1%	55.7	55.2	-0.4	-0.7%
33.3%	55.6	55.2	-0.5	-0.8%
34.6%	55.6	55.1	-0.5	-0.9%
35.8%	55.6	55.0	-0.5	-1.0%
37.0%	55.6	55.0	-0.6	-1.0%
38.3%	55.5	55.0	-0.6	-1.0%
39.5%	55.4	54.8	-0.6	-1.0%
40.7%	55.2	54.8	-0.4	-0.7%
42.0%	55.2	54.8	-0.4	-0.8%
43.2%	55.0	54.6	-0.4	-0.7%
44.4%	55.0	54.6	-0.3	-0.6%
45.7%	55.0	54.6	-0.4	-0.7%
46.9%	55.0	54.6	-0.4	-0.6%
48.1%	54.9	54.5	-0.4	-0.8%
49.4%	54.9	54.5	-0.4	-0.8%
50.6%	54.9	54.4	-0.5	-0.9%
51.9%	54.8	54.1	-0.7	-1.3%
53.1%	54.8	54.1	-0.7	-1.3%
54.3%	54.7	54.1	-0.7	-1.2%
55.6%	54.6	54.0	-0.6	-1.1%
56.8%	54.5	53.9	-0.6	-1.1%
58.0%	54.5	53.9	-0.6	-1.1%
59.3%	54.3	53.7	-0.6	-1.0%
60.5%	54.3	53.7	-0.6	-1.2%
61.7%	54.3	53.5	-0.8	-1.5%
63.0%	54.1	53.5	-0.6	-1.1%
64.2%	54.1	53.4	-0.6	-1.2%
65.4%	54.0	53.4	-0.6	-1.2%
66.7%	54.0	53.4	-0.6	-1.1%
67.9%	53.9	53.3	-0.6	-1.1%
69.1%	53.9	53.3	-0.6	-1.1%
70.4%	53.9	53.3	-0.6	-1.1%
71.6%	53.8	53.3	-0.5	-1.0%
72.8%	53.8	53.3	-0.5	-1.0%
74.1%	53.6	53.3	-0.3	-0.6%
75.3%	53.6	53.2	-0.3	-0.6%
76.5%	53.5	53.2	-0.3	-0.5%
77.8%	53.5	53.2	-0.3	-0.5%
79.0%	53.4	53.2	-0.2	-0.4%
80.2%	53.3	53.1	-0.2	-0.3%
81.5%	53.2	53.0	-0.2	-0.3%
82.7%	53.2	53.0	-0.2	-0.3%
84.0%	53.1	53.0	-0.1	-0.3%
85.2%	53.1	53.0	-0.1	-0.2%
86.4%	53.0	52.8	-0.2	-0.3%
87.7%	52.9	52.7	-0.2	-0.5%
88.9%	52.9	52.6	-0.3	-0.5%
90.1%	52.8	52.5	-0.4	-0.7%
91.4%	52.7	52.4	-0.3	-0.6%
92.6%	52.6	52.2	-0.4	-0.7%
93.8%	52.6	52.1	-0.4	-0.8%
95.1%	52.3	52.1	-0.2	-0.4%
96.3%	52.3	51.6	-0.7	-1.3%
97.5%	51.8	51.6	-0.2	-0.3%
98.8%	51.5	51.4	-0.1	-0.2%
100.0%	51.3	51.0	0.0	-0.6%

November				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.1	54.1	0.1	0.1%
1.2%	53.8	53.7	-0.1	-0.1%
2.5%	53.6	53.6	0.0	0.1%
3.7%	53.4	53.6	0.1	0.2%
4.9%	53.3	53.3	0.0	-0.1%
6.2%	53.3	53.1	-0.2	-0.4%
7.4%	53.2	53.1	-0.1	-0.2%
8.6%	53.2	52.9	-0.3	-0.5%
9.9%	53.0	52.8	-0.2	-0.5%
11.1%	53.0	52.7	-0.3	-0.6%
12.3%	52.9	52.6	-0.3	-0.6%
13.6%	52.9	52.6	-0.3	-0.5%
14.8%	52.8	52.4	-0.4	-0.8%
16.0%	52.8	52.3	-0.5	-0.9%
17.3%	52.8	52.3	-0.4	-0.8%
18.5%	52.7	52.3	-0.4	-0.7%
19.8%	52.6	52.2	-0.4	-0.7%
21.0%	52.6	52.2	-0.3	-0.7%
22.2%	52.5	52.2	-0.3	-0.6%
23.5%	52.5	52.2	-0.3	-0.6%
24.7%	52.5	52.1	-0.4	-0.7%
25.9%	52.5	52.0	-0.4	-0.8%
27.2%	52.1	52.0	-0.1	-0.2%
28.4%	52.0	52.0	0.0	0.1%
29.6%	52.0	51.9	-0.1	-0.2%
30.9%	51.9	51.9	0.0	0.0%
32.1%	51.9	51.8	0.0	-0.1%
33.3%	51.8	51.8	0.0	0.0%
34.6%	51.8	51.7	-0.1	-0.1%
35.8%	51.6	51.5	-0.1	-0.2%
37.0%	51.6	51.5	-0.1	-0.1%
38.3%	51.5	51.4	-0.1	-0.2%
39.5%	51.5	51.4	-0.1	-0.3%
40.7%	51.5	51.4	-0.1	-0.2%
42.0%	51.5	51.3	-0.1	-0.3%
43.2%	51.5	51.2	-0.3	-0.5%
44.4%	51.4	51.1	-0.3	-0.6%
45.7%	51.4	51.1	-0.3	-0.6%
46.9%	51.3	51.1	-0.3	-0.5%
48.1%	51.3	51.0	-0.2	-0.4%
49.4%	51.3	51.0	-0.2	-0.5%
50.6%	51.2	51.0	-0.2	-0.5%
51.9%	51.2	51.0	-0.2	-0.5%
53.1%	51.2	51.0	-0.2	-0.5%
54.3%	51.2	51.0	-0.2	-0.4%
55.6%	51.1	50.9	-0.2	-0.3%
56.8%	51.1	50.8	-0.3	-0.6%
58.0%	51.1	50.8	-0.3	-0.5%
59.3%	51.0	50.7	-0.3	-0.6%
60.5%	51.0	50.7	-0.3	-0.5%
61.7%	51.0	50.7	-0.3	-0.5%
63.0%	50.9	50.6	-0.3	-0.6%
64.2%	50.8	50.6	-0.2	-0.3%
65.4%	50.7	50.6	-0.1	-0.3%
66.7%	50.7	50.6	-0.2	-0.3%
67.9%	50.7	50.5	-0.2	-0.3%
69.1%	50.6	50.5	-0.1	-0.3%
70.4%	50.6	50.4	-0.1	-0.3%
71.6%	50.4	50.4	0.0	0.0%
72.8%	50.4	50.3	-0.1	-0.3%
74.1%	50.3	50.2	-0.1	-0.2%
75.3%	50.3	50.2	-0.1	-0.2%
76.5%	50.2	50.0	-0.2	-0.3%
77.8%	50.1	50.0	-0.1	-0.2%
79.0%	50.1	50.0	-0.1	-0.3%
80.2%	50.0	49.9	-0.1	-0.2%
81.5%	50.0	49.9	-0.1	-0.1%
82.7%	49.8	49.7	-0.1	-0.2%
84.0%	49.8	49.6	-0.2	-0.4%
85.2%	49.7	49.5	-0.2	-0.4%
86.4%	49.7	49.5	-0.1	-0.3%
87.7%	49.6	49.4	-0.2	-0.4%
88.9%	49.6	49.4	-0.3	-0.5%
90.1%	49.6	49.3	-0.2	-0.5%
91.4%	49.4	49.3	-0.1	-0.2%
92.6%	49.3	49.3	0.0	-0.1%
93.8%	49.3	49.1	-0.2	-0.4%
95.1%	49.0	49.1	0.0	0.1%
96.3%	49.0	49.0	0.0	0.0%
97.5%	48.9	48.6	-0.2	-0.5%
98.8%	48.8	48.6	-0.2	-0.5%
100.0%	48.6	48.0	-0.6	-1.1%

December				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.2	50.4	0.2	0.4%
1.2%	48.9	49.8	0.8	1.7%
2.5%	48.9	49.2	0.3	0.6%
3.7%	48.8	49.1	0.3	0.7%
4.9%	48.8	49.0	0.2	0.4%
6.2%	48.5	49.0	0.5	1.0%
7.4%	48.5	48.8	0.3	0.7%
8.6%	48.4	48.7	0.3	0.7%
9.9%	48.4	48.7	0.3	0.7%
11.1%	48.3	48.5	0.2	0.4%
12.3%	48.1	48.4	0.3	0.6%
13.6%	48.1	48.2	0.1	0.3%
14.8%	48.0	48.2	0.1	0.3%
16.0%	47.9	48.1	0.2	0.3%
17.3%	47.9	48.1	0.1	0.3%
18.5%	47.9	47.9	0.1	0.2%
19.8%	47.7	47.9	0.2	0.5%
21.0%	47.7	47.8	0.1	0.3%
22.2%	47.5	47.8	0.2	0.5%
23.5%	47.5	47.7	0.2	0.4%
24.7%	47.5	47.7	0.2	0.4%
25.9%	47.5	47.6	0.1	0.3%
27.2%	47.4	47.6	0.2	0.4%
28.4%	47.4	47.6	0.2	0.4%
29.6%	47.4	47.5	0.1	0.2%
30.9%	47.4	47.5	0.1	0.2%
32.1%	47.3	47.4	0.0	0.1%
33.3%	47.2	47.3	0.1	0.2%
34.6%	47.2	47.3	0.1	0.3%
35.8%	47.2	47.3	0.1	0.2%
37.0%	47.1	47.2	0.1	0.2%
38.3%	47.1	47.1	0.1	0.1%
39.5%	47.1	47.1	0.1	0.2%
40.7%	46.9	47.1	0.2	0.3%
42.0%	46.8	47.1	0.2	0.5%
43.2%	46.8	47.0	0.3	0.6%
44.4%	46.8	47.0	0.3	0.6%
45.7%	46.8	47.0	0.2	0.5%
46.9%	46.7	47.0	0.3	0.6%
48.1%	46.7	46.9	0.2	0.5%
49.4%	46.7	46.9	0.2	0.5%
50.6%	46.7	46.9	0.2	0.5%
51.9%	46.6	46.9	0.3	0.7%
53.1%	46.5	46.8	0.3	0.6%
54.3%	46.5	46.7	0.2	0.4%
55.6%	46.5	46.7	0.2	0.5%
56.8%	46.5	46.7	0.2	0.5%
58.0%	46.4	46.6	0.2	0.4%
59.3%	46.4	46.6	0.2	0.5%
60.5%	46.3	46.6	0.2	0.5%
61.7%	46.3	46.5	0.2	0.4%
63.0%	46.3	46.5	0.2	0.4%
64.2%	46.3	46.5	0.2	0.4%
65.4%	46.3	46.5	0.1	0.3%
66.7%	46.2	46.4	0.3	0.5%
67.9%	46.1	46.4	0.3	0.6%
69.1%	46.0	46.4	0.4	0.9%
70.4%	45.9	46.2	0.3	0.6%
71.6%	45.9	46.2	0.3	0.6%
72.8%	45.8	46.2	0.4	0.8%
74.1%	45.8	46.1	0.3	0.6%
75.3%	45.8	46.0	0.2	0.4%
76.5%	45.7	45.9	0.2	0.5%
77.8%	45.6	45.9	0.3	0.7%
79.0%	45.5	45.8	0.3	0.7%
80.2%	45.4	45.8	0.3	0.7%
81.5%	45.4	45.7	0.3	0.6%
82.7%	45.3	45.6	0.3	0.7%
84.0%	45.2	45.5	0.3	0.7%
85.2%	45.1	45.2	0.1	0.2%
86.4%	45.1	45.2	0.1	0.2%
87.7%	45.0	45.2	0.2	0.4%
88.9%	45.0	45.2	0.2	0.4%
90.1%	45.0	45.0	0.0	0.0%
91.4%	44.9	45.0	0.0	0.1%
92.6%	44.8	44.9	0.1	0.1%
93.8%	44.7	44.8	0.1	0.2%
95.1%	44.5	44.8	0.4	0.8%
96.3%	44.1	44.7	0.6	1.4%
97.5%	44.0	44.6	0.6	1.4%
98.8%	44.0	44.3	0.3	0.6%
100.0%	42.9	43.3	0.4	0.9%

January				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.5	47.8	0.4	0.7%
1.2%	46.7	46.9	0.2	0.4%
2.5%	46.3	46.8	0.4	0.9%
3.7%	46.3	46.6	0.3	0.6%
4.9%	46.1	46.4	0.3	0.6%
6.2%	46.1	46.4	0.3	0.6%
7.4%	46.1	46.3	0.2	0.4%
8.6%	46.1	46.3	0.2	0.5%
9.9%	45.9	46.1	0.3	0.6%
11.1%	45.8	46.0	0.2	0.5%
12.3%	45.7	46.0	0.3	0.6%
13.6%	45.7	45.9	0.2	0.4%
14.8%	45.7	45.9	0.2	0.4%
16.0%	45.7	45.9	0.2	0.4%
17.3%	45.7	45.9	0.2	0.4%
18.5%	45.7	45.8	0.1	0.3%
19.8%	45.7	45.8	0.1	0.3%
21.0%	45.6	45.7	0.1	0.2%
22.2%	45.6	45.7	0.1	0.2%
23.5%	45.5	45.7	0.2	0.3%
24.7%	45.5	45.6	0.1	0.3%
25.9%	45.5	45.6	0.1	0.2%
27.2%	45.4	45.6	0.1	0.3%
28.4%	45.4	45.5	0.2	0.4%
29.6%	45.3	45.5	0.2	0.5%
30.9%	45.3	45.5	0.2	0.4%
32.1%	45.3	45.5	0.2	0.4%
33.3%	45.3	45.5	0.2	0.4%
34.6%	45.2	45.5	0.2	0.5%
35.8%	45.2	45.5	0.2	0.5%
37.0%	45.2	45.4	0.3	0.6%
38.3%	45.1	45.4	0.3	0.7%
39.5%	45.1	45.4	0.3	0.7%
40.7%	45.1	45.3	0.2	0.5%
42.0%	45.1	45.3	0.2	0.5%
43.2%	44.9	45.2	0.3	0.7%
44.4%	44.9	45.2	0.3	0.7%
45.7%	44.9	45.2	0.3	0.7%
46.9%	44.9	45.2	0.3	0.7%
48.1%	44.9	45.2	0.3	0.7%
49.4%	44.8	45.1	0.3	0.7%
50.6%	44.8	45.1	0.3	0.6%
51.9%	44.8	45.0	0.2	0.5%
53.1%	44.8	45.0	0.2	0.5%
54.3%	44.7	45.0	0.2	0.5%
55.6%	44.7	44.9	0.2	0.4%
56.8%	44.7	44.9	0.2	0.4%
58.0%	44.7	44.9	0.2	0.4%
59.3%	44.7	44.8	0.1	0.3%
60.5%	44.6	44.8	0.2	0.5%
61.7%	44.6	44.8	0.2	0.5%
63.0%	44.5	44.7	0.2	0.5%
64.2%	44.5	44.7	0.2	0.5%
65.4%	44.5	44.7	0.2	0.4%
66.7%	44.5	44.6	0.2	0.4%
67.9%	44.4	44.6	0.2	0.5%
69.1%	44.4	44.6	0.2	0.5%
70.4%	44.4	44.6	0.2	0.4%
71.6%	44.4	44.4	0.1	0.2%
72.8%	44.2	44.4	0.2	0.4%
74.1%	44.1	44.4	0.3	0.6%
75.3%	44.1	44.3	0.3	0.6%
76.5%	44.0	44.2	0.3	0.6%
77.8%	44.0	44.1	0.2	0.4%
79.0%	43.9	44.0	0.1	0.2%
80.2%	43.9	44.0	0.1	0.2%
81.5%	43.7	43.9	0.2	0.5%
82.7%	43.7	43.9	0.2	0.6%
84.0%	43.6	43.9	0.3	0.6%
85.2%	43.6	43.9	0.3	0.6%
86.4%	43.6	43.8	0.2	0.5%
87.7%	43.5	43.8	0.3	0.7%
88.9%	43.5	43.8	0.2	0.5%
90.1%	43.5	43.6	0.1	0.2%
91.4%	43.5	43.6	0.1	0.2%
92.6%	43.5	43.6	0.1	0.2%
93.8%	43.4	43.5	0.1	0.3%
95.1%	43.3	43.5	0.2	0.5%
96.3%	42.9	42.9	0.1	0.1%
97.5%	42.8	42.9	0.1	0.2%
98.8%	42.7	42.9	0.2	0.4%
100.0%	42.4	42.8	0.4	0.9%

Table SQ-04-7b

Sacramento River at Jellys Ferry, Monthly Temperature
Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	48.6	48.7	0.0	0.1%
1.2%	48.2	48.5	0.3	0.6%
2.5%	48.0	48.2	0.2	0.4%
3.7%	48.0	48.1	0.1	0.2%
4.9%	48.0	48.0	0.0	0.0%
6.2%	47.9	47.9	0.0	0.0%
7.4%	47.9	47.9	0.0	0.0%
8.6%	47.8	47.7	-0.1	-0.2%
9.9%	47.6	47.6	0.0	0.0%
11.1%	47.5	47.6	0.0	0.1%
12.3%	47.5	47.5	0.1	0.2%
13.6%	47.3	47.5	0.2	0.4%
14.8%	47.3	47.3	0.0	0.0%
16.0%	47.2	47.2	0.0	0.1%
17.3%	47.2	47.2	0.0	0.1%
18.5%	47.1	47.2	0.1	0.1%
19.8%	47.1	47.2	0.1	0.2%
21.0%	47.0	47.1	0.2	0.3%
22.2%	47.0	47.1	0.1	0.2%
23.5%	46.9	46.9	0.1	0.1%
24.7%	46.9	46.9	0.0	0.0%
25.9%	46.8	46.8	0.0	0.0%
27.2%	46.8	46.8	0.0	0.0%
28.4%	46.8	46.8	0.0	0.0%
29.6%	46.7	46.8	0.1	0.1%
30.9%	46.7	46.8	0.1	0.1%
32.1%	46.7	46.7	0.0	0.0%
33.3%	46.6	46.7	0.0	0.0%
34.6%	46.6	46.6	0.0	0.1%
35.8%	46.6	46.6	0.1	0.1%
37.0%	46.5	46.5	0.0	0.0%
38.3%	46.5	46.5	0.0	0.0%
39.5%	46.5	46.5	0.0	0.0%
40.7%	46.4	46.5	0.0	0.1%
42.0%	46.4	46.4	0.0	-0.1%
43.2%	46.4	46.4	-0.1	-0.1%
44.4%	46.4	46.4	-0.1	-0.1%
45.7%	46.4	46.4	0.0	-0.1%
46.9%	46.4	46.3	-0.1	-0.2%
48.1%	46.2	46.3	0.1	0.2%
49.4%	46.2	46.3	0.1	0.1%
50.6%	46.2	46.2	0.0	0.0%
51.9%	46.2	46.2	0.0	0.0%
53.1%	46.2	46.2	0.0	0.0%
54.3%	46.1	46.1	0.0	0.0%
55.6%	46.1	46.1	0.0	0.1%
56.8%	46.1	46.1	0.0	0.0%
58.0%	46.0	46.1	0.1	0.1%
59.3%	46.0	46.0	0.1	0.1%
60.5%	46.0	46.0	0.0	0.0%
61.7%	45.9	46.0	0.0	0.1%
63.0%	45.9	46.0	0.0	0.1%
64.2%	45.9	45.9	0.0	0.0%
65.4%	45.9	45.8	0.0	0.0%
66.7%	45.8	45.8	0.0	0.1%
67.9%	45.8	45.8	0.0	0.0%
69.1%	45.7	45.7	0.0	0.0%
70.4%	45.6	45.7	0.0	0.1%
71.6%	45.5	45.5	-0.1	-0.1%
72.8%	45.4	45.4	0.0	0.0%
74.1%	45.4	45.4	0.0	0.0%
75.3%	45.4	45.4	0.0	0.0%
76.5%	45.4	45.3	0.0	0.0%
77.8%	45.3	45.3	0.0	0.0%
79.0%	45.2	45.2	0.0	-0.1%
80.2%	45.2	45.2	0.0	0.0%
81.5%	45.1	45.1	0.0	0.1%
82.7%	45.0	45.1	0.1	0.2%
84.0%	45.0	45.1	0.1	0.2%
85.2%	44.9	45.0	0.1	0.2%
86.4%	44.9	44.9	0.0	0.1%
87.7%	44.9	44.9	0.0	0.0%
88.9%	44.8	44.8	0.0	0.1%
90.1%	44.7	44.8	0.1	0.2%
91.4%	44.7	44.6	0.0	-0.1%
92.6%	44.6	44.6	0.0	0.1%
93.8%	44.5	44.5	0.0	0.1%
95.1%	44.5	44.5	0.0	0.1%
96.3%	44.4	44.4	0.0	0.1%
97.5%	44.4	44.4	0.0	0.0%
98.8%	44.2	44.3	0.1	0.2%
100.0%	43.7	43.7	0.0	0.0%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.1	53.1	0.0	0.0%
1.2%	52.4	52.4	0.0	-0.1%
2.5%	51.8	51.9	0.1	0.2%
3.7%	51.7	51.7	0.0	0.1%
4.9%	51.4	51.6	0.2	0.5%
6.2%	51.4	51.5	0.1	0.1%
7.4%	51.3	51.4	0.0	0.1%
8.6%	51.3	51.3	0.1	0.2%
9.9%	51.3	51.3	0.1	0.1%
11.1%	51.1	51.2	0.1	0.2%
12.3%	51.1	51.1	0.0	0.0%
13.6%	51.1	51.1	0.0	0.0%
14.8%	51.0	51.0	0.0	0.0%
16.0%	50.7	50.7	0.0	-0.1%
17.3%	50.6	50.7	0.1	0.1%
18.5%	50.5	50.5	-0.1	-0.1%
19.8%	50.5	50.4	0.0	-0.1%
21.0%	50.3	50.4	0.0	0.1%
22.2%	50.3	50.4	0.0	0.1%
23.5%	50.3	50.3	0.0	0.0%
24.7%	50.2	50.3	0.0	0.1%
25.9%	50.1	50.3	0.1	0.3%
27.2%	50.1	50.2	0.1	0.1%
28.4%	50.1	50.1	0.0	0.0%
29.6%	50.1	50.1	0.0	0.0%
30.9%	50.1	50.1	0.0	0.0%
32.1%	50.0	50.1	0.1	0.2%
33.3%	49.9	50.1	0.2	0.3%
34.6%	49.9	50.0	0.1	0.3%
35.8%	49.8	49.9	0.1	0.2%
37.0%	49.8	49.9	0.1	0.2%
38.3%	49.7	49.8	0.1	0.2%
39.5%	49.7	49.8	0.1	0.3%
40.7%	49.6	49.8	0.1	0.3%
42.0%	49.6	49.7	0.0	0.0%
43.2%	49.6	49.6	0.1	0.2%
44.4%	49.5	49.6	0.2	0.3%
45.7%	49.4	49.6	0.2	0.4%
46.9%	49.4	49.6	0.2	0.4%
48.1%	49.4	49.5	0.1	0.2%
49.4%	49.3	49.5	0.2	0.3%
50.6%	49.3	49.4	0.1	0.1%
51.9%	49.3	49.3	0.0	0.1%
53.1%	49.3	49.3	0.0	0.0%
54.3%	49.2	49.3	0.1	0.2%
55.6%	49.2	49.2	0.0	0.1%
56.8%	49.1	49.1	0.0	-0.1%
58.0%	48.9	49.0	0.1	0.3%
59.3%	48.9	48.9	0.0	0.1%
60.5%	48.8	48.8	0.0	0.0%
61.7%	48.8	48.8	0.0	0.1%
63.0%	48.8	48.8	0.0	0.1%
64.2%	48.8	48.8	0.1	0.1%
65.4%	48.7	48.7	0.0	0.0%
66.7%	48.7	48.7	0.0	-0.1%
67.9%	48.7	48.7	0.0	0.0%
69.1%	48.7	48.6	-0.1	-0.2%
70.4%	48.6	48.5	-0.1	-0.2%
71.6%	48.5	48.5	0.0	0.0%
72.8%	48.5	48.5	0.0	0.1%
74.1%	48.4	48.4	0.0	0.0%
75.3%	48.2	48.2	0.0	0.0%
76.5%	48.0	48.2	0.2	0.4%
77.8%	47.9	48.2	0.2	0.4%
79.0%	47.9	48.1	0.1	0.3%
80.2%	47.9	48.0	0.1	0.1%
81.5%	47.9	48.0	0.1	0.1%
82.7%	47.8	47.8	-0.1	-0.1%
84.0%	47.8	47.8	0.0	0.0%
85.2%	47.7	47.7	0.0	0.1%
86.4%	47.7	47.7	0.0	-0.1%
87.7%	47.6	47.7	0.0	0.1%
88.9%	47.6	47.6	0.0	0.0%
90.1%	47.5	47.6	0.2	0.3%
91.4%	47.5	47.5	0.0	0.0%
92.6%	47.4	47.5	0.1	0.1%
93.8%	47.2	47.2	0.0	0.0%
95.1%	47.0	47.0	0.0	0.0%
96.3%	46.8	46.9	0.0	0.0%
97.5%	46.8	46.8	0.0	0.0%
98.8%	46.6	46.7	0.1	0.2%
100.0%	46.2	46.2	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.2	56.6	0.4	0.8%
1.2%	55.5	56.5	1.0	1.7%
2.5%	55.1	55.3	0.2	0.4%
3.7%	55.0	55.2	0.1	0.3%
4.9%	54.9	55.0	0.1	0.1%
6.2%	54.9	55.0	0.1	0.1%
7.4%	54.8	55.0	0.2	0.4%
8.6%	54.7	54.9	0.2	0.3%
9.9%	54.7	54.9	0.2	0.3%
11.1%	54.6	54.9	0.3	0.5%
12.3%	54.5	54.7	0.3	0.5%
13.6%	54.1	54.7	0.6	1.1%
14.8%	54.1	54.7	0.6	1.2%
16.0%	54.0	54.7	0.7	1.2%
17.3%	54.0	54.7	0.7	1.3%
18.5%	53.9	54.6	0.6	1.1%
19.8%	53.8	54.5	0.6	1.2%
21.0%	53.8	54.4	0.7	1.3%
22.2%	53.7	54.4	0.7	1.2%
23.5%	53.7	54.2	0.6	1.1%
24.7%	53.6	54.1	0.5	0.9%
25.9%	53.6	54.0	0.4	0.8%
27.2%	53.4	53.9	0.5	0.9%
28.4%	53.3	53.9	0.6	1.1%
29.6%	53.3	53.7	0.4	0.8%
30.9%	53.3	53.7	0.4	0.8%
32.1%	53.2	53.7	0.5	0.9%
33.3%	53.2	53.7	0.5	0.9%
34.6%	53.1	53.6	0.5	1.0%
35.8%	53.0	53.5	0.5	1.0%
37.0%	53.0	53.5	0.5	1.0%
38.3%	53.0	53.5	0.5	0.9%
39.5%	53.0	53.5	0.5	1.0%
40.7%	52.9	53.4	0.5	0.9%
42.0%	52.9	53.3	0.4	0.7%
43.2%	52.9	53.3	0.4	0.8%
44.4%	52.9	53.3	0.4	0.8%
45.7%	52.9	53.3	0.4	0.7%
46.9%	52.8	53.2	0.5	0.9%
48.1%	52.7	53.2	0.5	0.9%
49.4%	52.6	53.1	0.5	0.9%
50.6%	52.6	53.1	0.5	0.9%
51.9%	52.6	53.1	0.5	1.0%
53.1%	52.6	53.0	0.4	0.8%
54.3%	52.6	52.9	0.4	0.7%
55.6%	52.6	52.9	0.4	0.7%
56.8%	52.5	52.9	0.4	0.7%
58.0%	52.5	52.9	0.3	0.6%
59.3%	52.4	52.8	0.4	0.8%
60.5%	52.3	52.8	0.5	0.9%
61.7%	52.2	52.7	0.5	0.9%
63.0%	52.1	52.6	0.5	1.0%
64.2%	52.1	52.6	0.5	1.0%
65.4%	52.1	52.6	0.5	1.0%
66.7%	52.0	52.5	0.5	1.0%
67.9%	52.0	52.5	0.5	1.0%
69.1%	51.8	52.5	0.7	1.3%
70.4%	51.6	52.4	0.8	1.5%
71.6%	51.6	52.4	0.8	1.5%
72.8%	51.5	52.3	0.8	1.6%
74.1%	51.4	52.3	0.9	1.7%
75.3%	51.4	52.3	0.9	1.7%
76.5%	51.4	52.2	0.8	1.6%
77.8%	51.3	52.1	0.8	1.6%
79.0%	51.3	51.7	0.5	0.9%
80.2%	51.2	51.7	0.5	1.0%
81.5%	51.2	51.6	0.4	0.9%
82.7%	51.2	51.6	0.5	0.9%
84.0%	51.1	51.2	0.1	0.2%
85.2%	51.0	51.2	0.2	0.4%
86.4%	50.9	51.1	0.2	0.4%
87.7%	50.6	51.1	0.5	1.0%
88.9%	50.3	51.1	0.8	1.6%
90.1%	50.3	51.1	0.8	1.5%
91.4%	50.2	51.1	0.8	1.6%
92.6%	50.1	50.8	0.7	1.3%
93.8%	50.1	50.8	0.7	1.3%
95.1%	50.1	50.3	0.2	0.3%
96.3%	50.1	50.1	0.0	0.1%
97.5%	50.0	50.1	0.1	0.2%
98.8%	49.8	49.7	-0.1	-0.2%
100.0%	48.5	48.5	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	58.7	58.2	-0.5	-0.8%
1.2%	58.5	58.1	-0.4	-0.6%
2.5%	58.4	58.1	-0.4	-0.7%
3.7%	58.0	57.8	-0.2	-0.4%
4.9%	57.8	57.4	-0.4	-0.7%
6.2%	57.7	57.0	-0.7	-1.2%
7.4%	57.2	56.8	-0.4	-0.7%
8.6%	57.1	56.7	-0.4	-0.7%
9.9%	56.9	56.6	-0.3	-0.6%
11.1%	56.9	56.5	-0.4	-0.7%
12.3%	56.9	56.5	-0.4	-0.7%
13.6%	56.9	56.5	-0.4	-0.7%
14.8%	56.8	56.4	-0.5	-0.8%
16.0%	56.7	56.2	-0.6	-1.0%
17.3%	56.6	56.1	-0.4	-0.8%
18.5%	56.4	56.1	-0.3	-0.5%
19.8%	56.3	56.1	-0.2	-0.4%
21.0%	56.3	56.1	-0.2	-0.4%
22.2%	56.2	56.1	-0.2	-0.3%
23.5%	56.2	56.0	-0.3	-0.5%
24.7%	56.2	55.9	-0.3	-0.5%
25.9%	56.1	55.9	-0.2	-0.4%
27.2%	56.1	55.9	-0.2	-0.3%
28.4%	56.1	55.9	-0.2	-0.3%
29.6%	56.0	55.8	-0.2	-0.3%
30.9%	55.9	55.8	-0.2	-0.3%
32.1%	55.6	55.8	0.2	0.3%
33.3%	55.6	55.7	0.1	0.2%
34.6%	55.5	55.6	0.2	0.3%
35.8%	55.4	55.6	0.2	0.4%
37.0%	55.4	55.6	0.2	0.4%
38.3%	55.3	55.4	0.2	0.3%
39.5%	55.2	55.4	0.2	0.4%
40.7%	55.1	55.4	0.3	0.6%
42.0%	55.1	55.4	0.3	0.5%
43.2%	55.1	55.3	0.3	0.5%
44.4%	55.1	55.3	0.2	0.4%
45.7%	55.0	55.2	0.2	0.3%
46.9%	55.0	55.1	0.1	0.2%
48.1%	55.0	55.1	0.1	0.2%
49.4%	54.9	55.0	0.1	0.1%
50.6%	54.9	55.0	0.0	0.1%
51.9%	54.9	54.9	0.0	0.0%
53.1%	54.8	54.9	0.0	0.1%
54.3%	54.8	54.9	0.1	0.2%
55.6%	54.7	54.8	0.1	0.2%
56.8%	54.4	54.8	0.3	0.6%
58.0%	54.4	54.7	0.3	0.6%
59.3%	54.3	54.6	0.2	0.4%
60.5%	54.3	54.5	0.1	0.3%
61.7%	54.3	54.4	0.2	0.3%
63.0%	54.2	54.4	0.2	0.4%
64.2%	54.2	54.4	0.1	0.2%
65.4%	54.2	54.3	0.2	0.3%
66.7%	54.2	54.3	0.1	0.2%
67.9%	54.1	54.2	0.2	0.3%
69.1%	54.0	54.2	0.3	0.5%
70.4%	54.0	54.2	0.2	0.4%
71.6%	53.8	54.2	0.4	0.7%
72.8%	53.8	54.1	0.3	0.6%
74.1%	53.8	54.1	0.3	0.6%
75.3%	53.7	54.0	0.2	0.4%
76.5%	53.7	53.9	0.2	0.4%
77.8%	53.4	53.9	0.5	1.0%
79.0%	53.4	53.9	0.5	1.0%
80.2%	53.3	53.8	0.4	0.8%
81.5%	53.2	53.7	0.5	0.9%
82.7%	53.2	53.6	0.4	0.8%
84.0%	53.1	53.6	0.5	0.9%
85.2%	53.1	53.6	0.4	0.8%
86.4%	53.1	53.4	0.3	0.6%
87.7%	53.1	53.3	0.3	0.5%
88.9%	53.0	53.2	0.2	0.3%
90.1%	53.0	53.1	0.1	0.2%
91.4%	53.0	53.1	0.1	0.2%
92.6%	52.8	53.0	0.2	0.4%
93.8%	52.7	52.8	0.1	0.2%
95.1%	52.7	52.6	-0.1	-0.2%
96.3%	52.5	52.6	0.1	0.2%
97.5%	52.3	52.4	0.1	0.2%
98.8%	52.1	52.2	0.1	0.3%
100.0%	52.0	51.9	-0.1	-0.2%

Table SQ-04-7b

Sacramento River at Jellys Ferry, Monthly Temperature
Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.3	58.6	-0.7	-1.2%
1.2%	59.1	58.5	-0.7	-1.1%
2.5%	57.8	57.6	-0.2	-0.3%
3.7%	57.5	57.1	-0.4	-0.8%
4.9%	57.4	57.0	-0.4	-0.8%
6.2%	56.8	57.0	0.2	0.3%
7.4%	56.8	56.7	-0.1	-0.2%
8.6%	56.7	56.7	0.0	0.0%
9.9%	56.5	56.5	0.0	0.0%
11.1%	56.5	56.5	0.0	0.1%
12.3%	56.1	56.2	0.1	0.2%
13.6%	56.0	56.1	0.0	0.1%
14.8%	55.9	56.0	0.1	0.2%
16.0%	55.9	55.7	-0.1	-0.3%
17.3%	55.8	55.6	-0.1	-0.3%
18.5%	55.7	55.6	-0.1	-0.2%
19.8%	55.7	55.6	-0.1	-0.1%
21.0%	55.6	55.5	0.0	-0.1%
22.2%	55.6	55.5	-0.1	-0.2%
23.5%	55.5	55.4	0.0	-0.1%
24.7%	55.4	55.3	-0.1	-0.2%
25.9%	55.4	55.3	-0.1	-0.2%
27.2%	55.4	55.3	-0.1	-0.1%
28.4%	55.3	55.2	-0.1	-0.2%
29.6%	55.3	55.2	-0.1	-0.2%
30.9%	55.3	55.1	-0.2	-0.3%
32.1%	55.1	55.1	0.0	0.0%
33.3%	55.1	55.1	0.0	0.0%
34.6%	55.1	55.1	0.0	0.0%
35.8%	55.0	55.0	0.0	0.0%
37.0%	55.0	55.0	0.0	0.1%
38.3%	55.0	55.0	0.0	0.1%
39.5%	55.0	55.0	0.0	0.1%
40.7%	55.0	55.0	0.0	0.0%
42.0%	55.0	54.9	0.0	-0.1%
43.2%	54.9	54.9	0.0	0.0%
44.4%	54.8	54.9	0.1	0.1%
45.7%	54.8	54.8	0.0	0.0%
46.9%	54.8	54.8	0.0	0.0%
48.1%	54.8	54.8	0.0	0.0%
49.4%	54.7	54.8	0.1	0.3%
50.6%	54.7	54.8	0.1	0.2%
51.9%	54.6	54.7	0.0	0.1%
53.1%	54.6	54.7	0.1	0.1%
54.3%	54.6	54.6	0.0	0.0%
55.6%	54.6	54.6	0.0	0.0%
56.8%	54.6	54.6	0.0	0.0%
58.0%	54.6	54.6	0.0	0.0%
59.3%	54.5	54.6	0.0	0.0%
60.5%	54.5	54.5	0.0	0.1%
61.7%	54.4	54.4	0.0	0.0%
63.0%	54.4	54.4	0.0	0.0%
64.2%	54.4	54.4	0.0	-0.1%
65.4%	54.4	54.4	0.0	0.0%
66.7%	54.3	54.3	0.0	0.1%
67.9%	54.2	54.3	0.1	0.2%
69.1%	54.0	54.3	0.2	0.4%
70.4%	54.0	54.3	0.2	0.4%
71.6%	54.0	54.3	0.3	0.5%
72.8%	54.0	54.2	0.2	0.4%
74.1%	54.0	54.1	0.1	0.2%
75.3%	53.9	54.1	0.2	0.3%
76.5%	53.9	54.0	0.1	0.3%
77.8%	53.9	54.0	0.1	0.2%
79.0%	53.9	54.0	0.1	0.2%
80.2%	53.8	53.9	0.1	0.2%
81.5%	53.8	53.9	0.1	0.2%
82.7%	53.8	53.9	0.1	0.1%
84.0%	53.7	53.9	0.1	0.2%
85.2%	53.7	53.9	0.2	0.4%
86.4%	53.6	53.8	0.2	0.3%
87.7%	53.6	53.7	0.1	0.2%
88.9%	53.5	53.6	0.1	0.1%
90.1%	53.4	53.6	0.2	0.3%
91.4%	53.2	53.6	0.3	0.6%
92.6%	53.2	53.5	0.3	0.6%
93.8%	53.0	53.4	0.3	0.6%
95.1%	53.0	53.2	0.1	0.2%
96.3%	52.9	53.1	0.2	0.3%
97.5%	52.7	53.0	0.3	0.6%
98.8%	52.6	52.9	0.3	0.6%
100.0%	52.4	52.4	0.0	0.0%

July				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	62.0	61.2	-0.8	-1.3%
1.2%	59.9	59.9	0.0	0.0%
2.5%	59.6	59.3	-0.3	-0.5%
3.7%	59.5	59.2	-0.2	-0.4%
4.9%	59.2	58.5	-0.7	-1.2%
6.2%	59.2	58.3	-0.9	-1.5%
7.4%	59.0	58.3	-0.7	-1.2%
8.6%	58.9	58.0	-0.9	-1.6%
9.9%	57.9	57.6	-0.3	-0.6%
11.1%	57.7	57.6	-0.2	-0.3%
12.3%	57.6	57.0	-0.6	-1.0%
13.6%	57.4	56.9	-0.5	-0.8%
14.8%	57.2	56.9	-0.3	-0.6%
16.0%	56.8	56.8	0.0	0.0%
17.3%	56.7	56.5	-0.2	-0.4%
18.5%	56.5	56.4	-0.2	-0.3%
19.8%	56.5	56.2	-0.3	-0.5%
21.0%	56.2	56.1	-0.1	-0.2%
22.2%	56.1	56.1	0.0	0.0%
23.5%	56.0	56.1	0.0	0.1%
24.7%	56.0	56.1	0.1	0.1%
25.9%	56.0	56.0	0.1	0.1%
27.2%	55.9	56.0	0.0	0.1%
28.4%	55.9	55.9	0.0	0.0%
29.6%	55.9	55.9	0.0	0.0%
30.9%	55.9	55.9	0.0	0.0%
32.1%	55.9	55.8	0.0	-0.1%
33.3%	55.9	55.7	-0.1	-0.2%
34.6%	55.8	55.7	-0.1	-0.2%
35.8%	55.7	55.6	-0.1	-0.2%
37.0%	55.7	55.5	-0.2	-0.3%
38.3%	55.6	55.5	-0.2	-0.3%
39.5%	55.5	55.4	-0.1	-0.1%
40.7%	55.5	55.4	-0.1	-0.2%
42.0%	55.5	55.4	-0.1	-0.1%
43.2%	55.4	55.4	0.0	0.0%
44.4%	55.4	55.4	0.0	0.0%
45.7%	55.2	55.2	0.0	-0.1%
46.9%	55.2	55.1	-0.1	-0.2%
48.1%	55.2	55.1	-0.1	-0.1%
49.4%	55.1	55.1	0.0	0.0%
50.6%	55.0	55.0	0.0	0.0%
51.9%	54.8	55.0	0.2	0.3%
53.1%	54.7	55.0	0.2	0.4%
54.3%	54.7	54.9	0.2	0.3%
55.6%	54.7	54.8	0.1	0.1%
56.8%	54.7	54.8	0.1	0.1%
58.0%	54.6	54.7	0.1	0.2%
59.3%	54.6	54.7	0.1	0.2%
60.5%	54.6	54.7	0.1	0.3%
61.7%	54.6	54.7	0.1	0.2%
63.0%	54.5	54.6	0.1	0.2%
64.2%	54.5	54.6	0.1	0.2%
65.4%	54.4	54.6	0.2	0.3%
66.7%	54.4	54.5	0.1	0.2%
67.9%	54.4	54.5	0.1	0.3%
69.1%	54.4	54.5	0.1	0.3%
70.4%	54.4	54.5	0.1	0.2%
71.6%	54.4	54.5	0.1	0.2%
72.8%	54.4	54.4	0.1	0.1%
74.1%	54.3	54.4	0.1	0.2%
75.3%	54.2	54.4	0.2	0.3%
76.5%	54.2	54.4	0.2	0.3%
77.8%	54.2	54.4	0.2	0.3%
79.0%	54.2	54.3	0.2	0.3%
80.2%	54.2	54.3	0.1	0.2%
81.5%	54.2	54.3	0.1	0.1%
82.7%	54.1	54.2	0.1	0.3%
84.0%	54.1	54.2	0.1	0.2%
85.2%	54.0	54.0	-0.1	-0.2%
86.4%	54.0	53.9	-0.1	-0.1%
87.7%	54.0	53.9	-0.1	-0.2%
88.9%	53.9	53.9	0.0	0.0%
90.1%	53.9	53.9	0.0	0.0%
91.4%	53.9	53.9	0.0	0.0%
92.6%	53.8	53.5	-0.2	-0.4%
93.8%	53.7	53.5	-0.2	-0.4%
95.1%	53.4	53.4	0.0	0.0%
96.3%	53.4	53.1	-0.2	-0.4%
97.5%	53.2	53.1	-0.1	-0.2%
98.8%	53.2	53.1	0.0	-0.1%
100.0%	53.1	52.8	-0.3	-0.6%

August				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.5	65.3	-1.2	-1.9%
1.2%	65.9	61.3	-4.6	-6.9%
2.5%	65.0	61.1	-3.9	-6.1%
3.7%	63.7	59.0	-4.7	-7.4%
4.9%	61.0	58.3	-2.7	-4.4%
6.2%	60.0	58.2	-1.7	-2.9%
7.4%	59.9	58.0	-1.8	-3.1%
8.6%	58.8	57.9	-0.9	-1.6%
9.9%	58.3	57.5	-0.8	-1.4%
11.1%	58.1	57.5	-0.6	-1.0%
12.3%	58.1	57.5	-0.5	-0.9%
13.6%	58.0	57.5	-0.6	-1.0%
14.8%	57.7	57.4	-0.3	-0.5%
16.0%	57.4	57.4	0.0	-0.1%
17.3%	57.2	57.1	-0.1	-0.2%
18.5%	57.0	57.0	0.0	0.0%
19.8%	57.0	57.0	0.0	0.0%
21.0%	56.9	56.9	0.0	0.0%
22.2%	56.9	56.9	0.0	0.1%
23.5%	56.9	56.9	0.0	0.0%
24.7%	56.9	56.8	-0.1	-0.2%
25.9%	56.7	56.7	-0.1	-0.1%
27.2%	56.7	56.4	-0.3	-0.6%
28.4%	56.6	56.4	-0.3	-0.5%
29.6%	56.6	56.3	-0.3	-0.6%
30.9%	56.6	56.3	-0.3	-0.6%
32.1%	56.6	56.3	-0.3	-0.5%
33.3%	56.6	56.2	-0.3	-0.6%
34.6%	56.5	56.1	-0.4	-0.7%
35.8%	56.5	56.1	-0.4	-0.7%
37.0%	56.4	56.1	-0.3	-0.6%
38.3%	56.4	56.1	-0.3	-0.6%
39.5%	56.2	56.1	-0.2	-0.3%
40.7%	56.1	56.0	-0.1	-0.2%
42.0%	56.1	56.0	-0.1	-0.2%
43.2%	56.1	56.0	-0.1	-0.3%
44.4%	56.1	56.0	-0.1	-0.2%
45.7%	56.1	56.0	-0.1	-0.2%
46.9%	56.1	55.9	-0.1	-0.2%
48.1%	56.0	55.9	-0.1	-0.2%
49.4%	56.0	55.9	-0.2	-0.3%
50.6%	55.9	55.9	0.0	0.0%
51.9%	55.8	55.8	0.0	-0.1%
53.1%	55.8	55.8	0.0	0.0%
54.3%	55.8	55.8	0.0	0.0%
55.6%	55.8	55.7	0.0	-0.1%
56.8%	55.7	55.7	0.0	-0.1%
58.0%	55.6	55.7	0.1	0.2%
59.3%	55.6	55.7	0.1	0.2%
60.5%	55.6	55.5	0.0	-0.1%
61.7%	55.6	55.5	0.0	-0.1%
63.0%	55.6	55.5	-0.1	-0.1%
64.2%	55.5	55.5	-0.1	-0.1%
65.4%	55.5	55.4	-0.1	-0.2%
66.7%	55.5	55.4	-0.1	-0.1%
67.9%	55.5	55.4	-0.1	-0.1%
69.1%	55.5	55.4	-0.1	-0.1%
70.4%	55.4	55.4	0.0	-0.1%
71.6%	55.4	55.4	0.0	0.0%
72.8%	55.4	55.3	-0.1	-0.2%
74.1%	55.4	55.3	-0.1	-0.2%
75.3%	55.4	55.2	-0.2	-0.3%
76.5%	55.4	55.2	-0.1	-0.3%
77.8%	55.3	55.2	-0.1	-0.1%
79.0%	55.3	55.2	-0.1	-0.2%
80.2%	55.3	55.1	-0.2	-0.3%
81.5%	55.2	55.1	-0.1	-0.2%
82.7%	55.1	54.9	-0.1	-0.2%
84.0%	55.0	54.9	-0.1	-0.1%
85.2%	55.0	54.9	0.0	0.0%
86.4%	54.9	54.9	0.0	-0.1%
87.7%	54.7	54.8	0.1	0.1%
88.9%	54.7	54.7	0.0	0.1%
90.1%	54.7	54.7	0.0	0.0%
91.4%	54.7	54.6	0.0	-0.1%
92.6%	54.6	54.6	0.0	0.0%
93.8%	54.4	54.6	0.2	0.4%
95.1%	54.2	54.4	0.2	0.4%
96.3%	54.2	54.4	0.3	0.5%
97.5%	53.9	54.2	0.3	0.5%
98.8%	53.7	54.2	0.5	0.8%
100.0%	53.5	54.0	0.5	1.0%

September				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.8	65.5	-1.3	-1.9%
1.2%	65.1	64.6	-0.5	-0.8%
2.5%	65.0	64.4	-0.5	-0.8%
3.7%	64.8	64.0	-0.8	-1.3%
4.9%	64.0	63.0	-1.0	-1.6%
6.2%	63.9	61.6	-2.3	-3.6%
7.4%	63.9	61.1	-2.8	-4.4%
8.6%	61.9	60.3	-1.6	-2.6%
9.9%	61.2	60.1	-1.1	-1.7%
11.1%	60.2	59.6	-0.6	-1.1%
12.3%	59.8	59.5	-0.3	-0.6%
13.6%	59.8	59.2	-0.6	-1.0%
14.8%	59.8	59.2	-0.6	-1.0%
16.0%	59.7	58.9	-0.8	-1.3%
17.3%	59.3	58.6	-0.6	-1.0%
18.5%	59.1	58.6	-0.6	-0.9%
19.8%	59.1	58.3	-0.8	-1.3%
21.0%	58.9	58.1	-0.7	-1.2%
22.2%	58.8	58.1	-0.8	-1.3%
23.5%	58.6	58.0	-0.6	-1.0%
24.7%	58.1	57.6	-0.5	-0.9%
25.9%	58.1	57.5	-0.6	-1.1%
27.2%	58.0	57.5	-0.6	-1.0%
28.4%	58.0	57.4	-0.6	-1.0%
29.6%	57.8	57.3	-0.5	-0.9%
30.9%	57.8	57.3	-0.5	-0.9%
32.1%	57.8	57.3	-0.5	-0.9%
33.3%	57.6	57.2	-0.4	-0.7%
34.6%	57.6	57.2	-0.4	-0.6%
35.8%	57.4	57.2	-0.2	-0.4%
37.0%	57.4	57.1	-0.3	-0.5%
38.3%	57.3	57.0	-0.3	-0.6%
39.5%	57.3	57.0	-0.4	-0.6%
40.7%	57.3	56.8	-0.5	-0.9%
42.0%	57.3	56.8	-0.5	-0.9%
43.2%	57.2	56.8	-0.4	-0.6%
44.4%	57.1	56.7	-0.4	-0.7%
45.7%	57.1	56.7	-0.4	-0.6%
46.9%	57.1	56.6	-0.4	-0.8%
48.1%	57.0	56.5	-0.5	-0.9%
49.4%	57.0	56.4	-0.6	-1.0%
50.6%	57.0	56.4	-0.6	-1.0%
51.9%	56.9	56.4	-0.6	-1.0%
53.1%	56.8	56.4	-0.4	-0.7%
54.3%	56.7	56.3	-0.4	-0.7%
55.6%	56.6	56.3	-0.3	-0.6%
56.8%	56.4	56.1	-0.3	-0.5%
58.0%	56.4	56.1	-0.2	-0.4%
59.3%	56.3	56.1	-0.2	-0.3%
60.5%	56.2	56.1	-0.1	-0.2%
61.7%	56.2	56.1	-0.1	-0.2%
63.0%	56.1	56.0	-0.1	-0.1%
64.2%	56.0	56.0	0.0	0.0%
65.4%	56.0	55.7	-0.3	-0.5%
66.7%	55.8	55.7	-0.1	-0.2%
67.9%	55.8	55.7	-0.1	-0.2%
69.1%	55.6	55.7	0.0	0.0%
70.4%	55.6	55.6	0.0	0.0%
71.6%	55.6	55.5	-0.1	-0.2%
72.8%	55.6	55.4	-0.1	-0.3%
74.1%	55.5	55.4	-0.2	-0.3%
75.3%	55.5	55.3	-0.2	-0.3%
76.5%	55.4	55.3	-0.1	-0.2%
77.8%	55.3	55.3	0.0	-0.1%
79.0%	55.3	55.2	-0.1	-0.2%
80.2%	55.3	55.2	-0.1	-0.2%
81.5%	55.0	55.0	0.0	0.0%
82.7%	55.0	55.0	0.0	0.0%
84.0%	55.0	55.0	-0.1	-0.1%
85.2%	55.0	55.0	-0.1	-0.1%
86.4%	55.0	54.9	-0.1	-0.1%
87.7%	54.9	54.8	-0.2	-0.3%
88.9%	54.8	54.5	-0.3	-0.6%
90.1%	54.8	54.5	-0.3	-0.6%
91.4%	54.6	54.3	-0.3	-0.6%
92.6%	54.5	54.1	-0.4	-0.7%
93.8%	54.5	54.1	-0.4	-0.7%
95.1%	54.4	54.0	-0.4	-0.7%
96.3%	54.1	53.6	-0.5	-0.9%
97.5%	54.0	53.0	-1.0	-1.8%
98.8%	52.8	53.0	0.1	0.2%
100.0%	52.7	52.9	0.2	0.4%

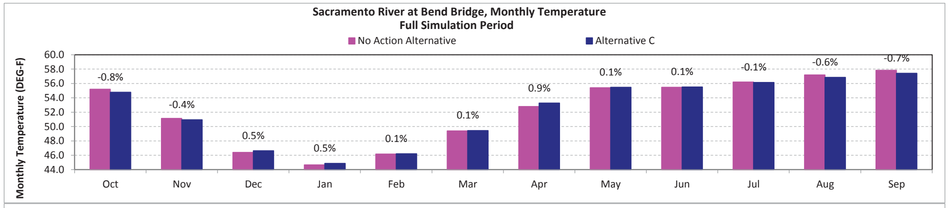
Table SQ-05-7a
Sacramento River at Bend Bridge, Monthly Temperature
Long-term Average and Average by Water Year Type

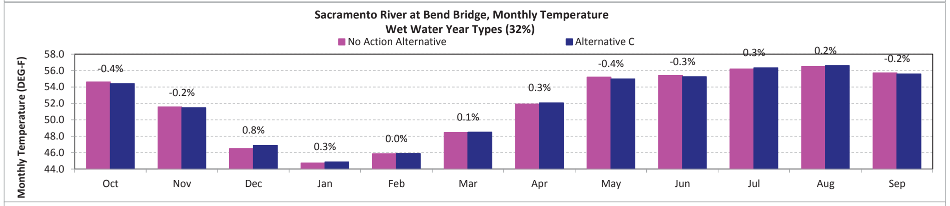
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	55.2	51.1	46.4	44.7	46.2	49.4	52.8	55.4	55.5	56.2	57.2	57.8
Alternative C	54.8	51.0	46.6	44.9	46.2	49.4	53.3	55.5	55.5	56.1	56.9	57.4
Difference	-0.4	-0.2	0.2	0.2	0.0	0.0	0.5	0.1	0.0	-0.1	-0.3	-0.4
Percent Difference[3]	-0.8%	-0.4%	0.5%	0.5%	0.1%	0.1%	0.9%	0.1%	0.1%	-0.1%	-0.6%	-0.7%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	54.6	51.6	46.5	44.7	45.9	48.5	51.9	55.2	55.4	56.2	56.5	55.7
Alternative C	54.4	51.5	46.9	44.9	45.9	48.5	52.1	55.0	55.3	56.3	56.6	55.6
Difference	-0.2	-0.1	0.4	0.1	0.0	0.0	0.1	-0.2	-0.2	0.2	0.1	-0.1
Percent Difference	-0.4%	-0.2%	0.8%	0.3%	0.0%	0.1%	0.3%	-0.4%	-0.3%	0.3%	0.2%	-0.2%
Above Normal (15%)												
No Action Alternative	54.2	50.9	46.9	44.9	46.2	49.6	53.2	56.0	54.7	55.1	56.6	56.8
Alternative C	53.8	50.8	47.3	45.2	46.3	49.6	53.5	55.7	54.9	55.1	56.7	56.9
Difference	-0.4	-0.1	0.4	0.2	0.0	0.0	0.3	-0.3	0.2	0.0	0.1	0.1
Percent Difference	-0.6%	-0.1%	0.9%	0.5%	0.0%	0.0%	0.6%	-0.5%	0.4%	0.0%	0.2%	0.1%
Below Normal (17%)												
No Action Alternative	53.9	50.6	46.7	44.5	45.8	49.3	53.3	55.5	55.0	55.5	56.2	57.6
Alternative C	53.5	50.4	46.8	44.7	45.8	49.3	53.8	55.6	55.1	55.4	56.3	57.2
Difference	-0.4	-0.1	0.1	0.2	0.0	0.0	0.6	0.2	0.1	-0.1	0.1	-0.4
Percent Difference	-0.7%	-0.3%	0.2%	0.4%	0.0%	0.0%	1.1%	0.3%	0.2%	-0.2%	0.1%	-0.7%
Dry (22%)												
No Action Alternative	55.5	51.2	46.3	44.6	46.3	50.1	53.3	55.0	55.5	55.7	57.0	58.8
Alternative C	54.9	50.9	46.3	44.9	46.3	50.1	54.0	55.3	55.7	55.7	56.6	58.1
Difference	-0.6	-0.4	0.0	0.4	0.0	0.1	0.7	0.3	0.2	0.0	-0.5	-0.7
Percent Difference	-1.1%	-0.7%	0.0%	0.8%	0.0%	0.1%	1.3%	0.5%	0.4%	0.1%	-0.8%	-1.2%
Critical (15%)												
No Action Alternative	58.6	51.0	45.5	44.6	46.9	50.3	52.9	55.8	56.9	59.0	60.6	62.3
Alternative C	57.8	50.7	45.8	44.8	47.1	50.4	53.8	56.4	56.9	58.3	58.6	61.2
Difference	-0.8	-0.3	0.2	0.2	0.1	0.1	0.9	0.5	-0.1	-0.7	-2.0	-1.1
Percent Difference	-1.4%	-0.6%	0.5%	0.5%	0.3%	0.2%	1.7%	0.9%	-0.1%	-1.2%	-3.2%	-1.8%

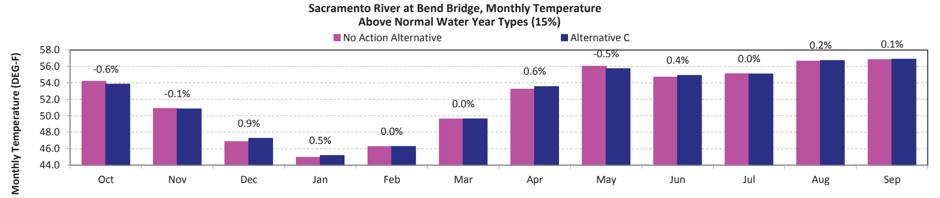
1 Based on the 82-year simulation period

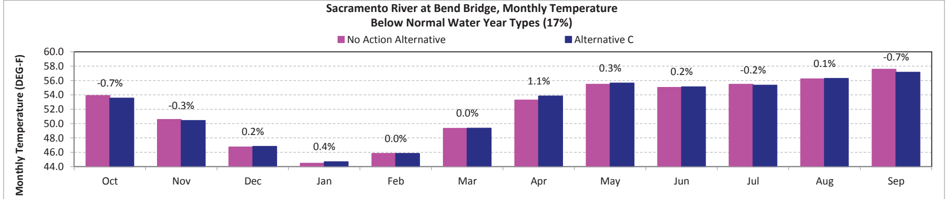
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

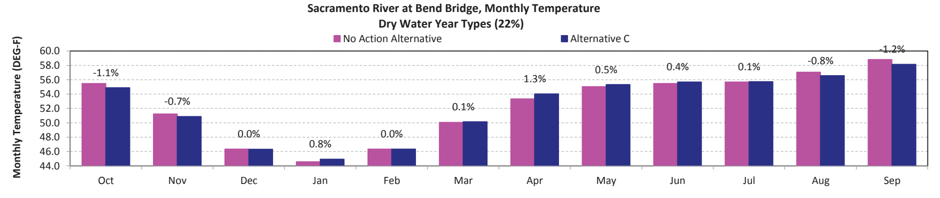
3 Relative difference of the monthly average


Sacramento River at Bend Bridge, Monthly Temperature
Full Simulation Period


Sacramento River at Bend Bridge, Monthly Temperature
Wet Water Year Types (32%)


Sacramento River at Bend Bridge, Monthly Temperature
Above Normal Water Year Types (15%)


Sacramento River at Bend Bridge, Monthly Temperature
Below Normal Water Year Types (17%)


Sacramento River at Bend Bridge, Monthly Temperature
Dry Water Year Types (22%)

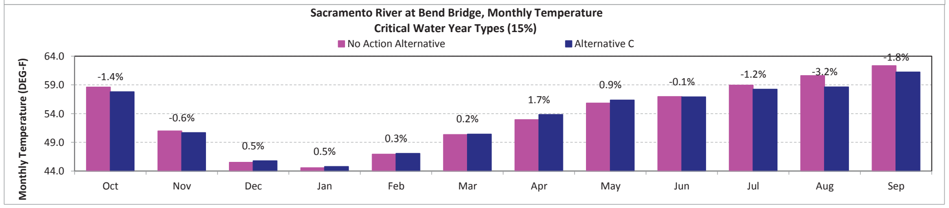

Sacramento River at Bend Bridge, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-05-7b
Sacramento River at Bend Bridge, Monthly Temperature
Probability of Exceedance

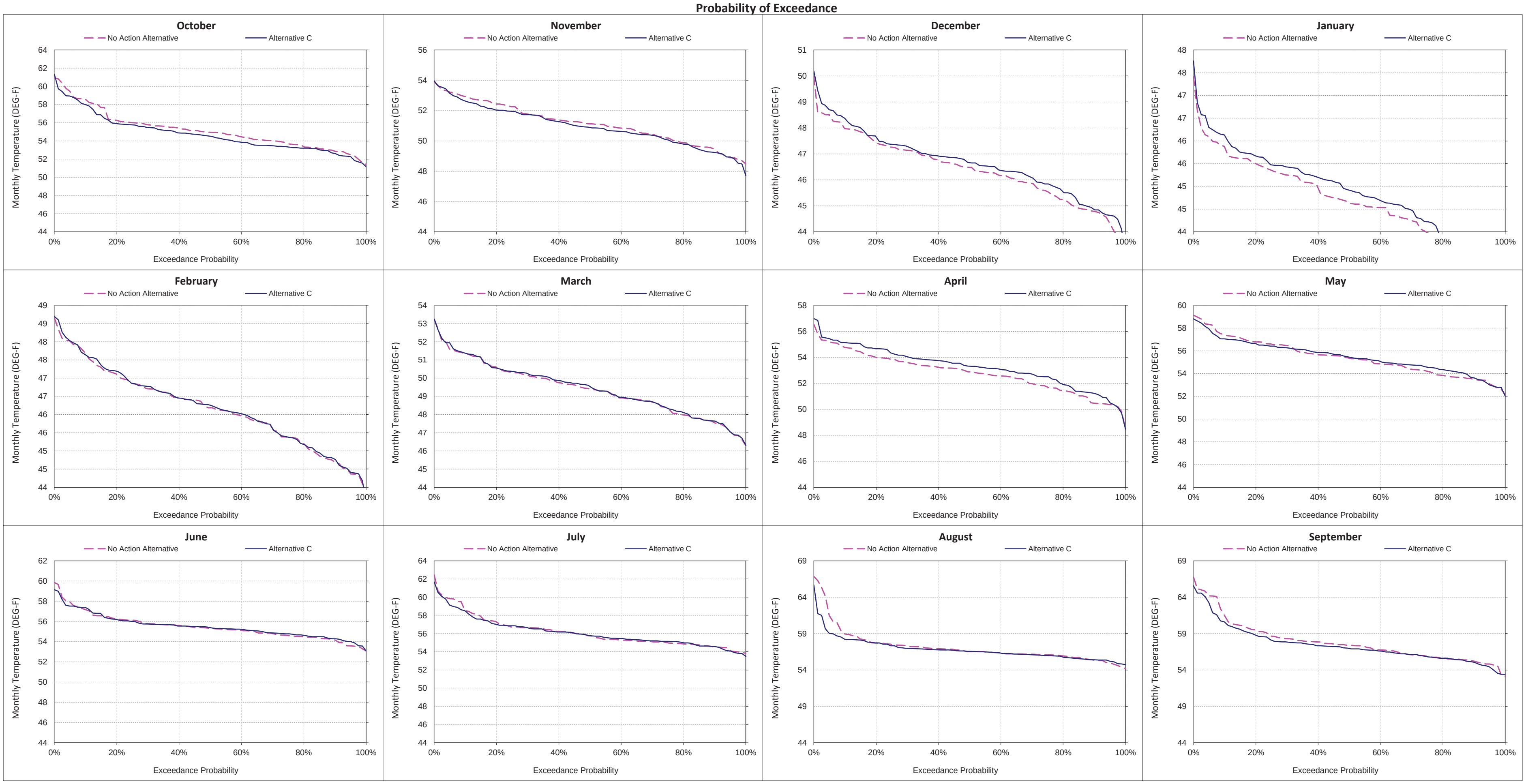


Table SQ-05-7b

Sacramento River at Bend Bridge, Monthly Temperature

Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.9	61.3	0.4	0.6%
1.2%	60.8	59.8	-1.1	-1.8%
2.5%	60.4	59.4	-0.9	-1.5%
3.7%	59.8	59.0	-0.8	-1.4%
4.9%	59.5	58.9	-0.5	-0.9%
6.2%	58.8	58.8	0.0	-0.1%
7.4%	58.7	58.5	-0.2	-0.3%
8.6%	58.6	58.1	-0.5	-0.9%
9.9%	58.6	58.0	-0.6	-1.0%
11.1%	58.2	57.8	-0.4	-0.7%
12.3%	58.1	57.5	-0.6	-1.1%
13.6%	58.1	56.9	-1.2	-2.1%
14.8%	57.7	56.9	-0.8	-1.4%
16.0%	57.7	56.5	-1.2	-2.1%
17.3%	56.4	56.3	-0.1	-0.2%
18.5%	56.3	56.0	-0.4	-0.6%
19.8%	56.3	55.9	-0.4	-0.7%
21.0%	56.2	55.8	-0.3	-0.6%
22.2%	56.1	55.8	-0.3	-0.5%
23.5%	56.1	55.8	-0.3	-0.5%
24.7%	56.0	55.8	-0.2	-0.4%
25.9%	56.0	55.7	-0.3	-0.4%
27.2%	55.9	55.6	-0.3	-0.6%
28.4%	55.9	55.6	-0.3	-0.5%
29.6%	55.8	55.5	-0.3	-0.6%
30.9%	55.8	55.4	-0.3	-0.6%
32.1%	55.7	55.4	-0.2	-0.4%
33.3%	55.7	55.3	-0.4	-0.7%
34.6%	55.6	55.2	-0.4	-0.8%
35.8%	55.6	55.1	-0.5	-0.8%
37.0%	55.5	55.1	-0.4	-0.7%
38.3%	55.5	55.0	-0.5	-0.8%
39.5%	55.4	54.9	-0.6	-1.0%
40.7%	55.3	54.9	-0.4	-0.8%
42.0%	55.3	54.9	-0.4	-0.8%
43.2%	55.2	54.8	-0.4	-0.7%
44.4%	55.2	54.7	-0.4	-0.8%
45.7%	55.2	54.7	-0.4	-0.8%
46.9%	55.0	54.7	-0.4	-0.7%
48.1%	55.0	54.6	-0.4	-0.7%
49.4%	55.0	54.5	-0.4	-0.8%
50.6%	54.9	54.5	-0.4	-0.8%
51.9%	54.9	54.3	-0.6	-1.1%
53.1%	54.9	54.3	-0.6	-1.1%
54.3%	54.8	54.2	-0.7	-1.2%
55.6%	54.7	54.1	-0.6	-1.0%
56.8%	54.7	54.1	-0.6	-1.1%
58.0%	54.6	53.9	-0.7	-1.3%
59.3%	54.5	53.9	-0.6	-1.1%
60.5%	54.4	53.8	-0.6	-1.1%
61.7%	54.4	53.8	-0.6	-1.0%
63.0%	54.3	53.7	-0.6	-1.1%
64.2%	54.1	53.5	-0.6	-1.1%
65.4%	54.1	53.5	-0.6	-1.1%
66.7%	54.1	53.5	-0.6	-1.1%
67.9%	54.1	53.5	-0.5	-1.0%
69.1%	54.0	53.5	-0.5	-1.0%
70.4%	54.0	53.5	-0.5	-1.0%
71.6%	54.0	53.4	-0.6	-1.0%
72.8%	53.9	53.4	-0.5	-0.9%
74.1%	53.8	53.4	-0.4	-0.8%
75.3%	53.7	53.3	-0.3	-0.6%
76.5%	53.6	53.3	-0.3	-0.6%
77.8%	53.6	53.3	-0.3	-0.6%
79.0%	53.6	53.2	-0.3	-0.7%
80.2%	53.3	53.2	-0.1	-0.2%
81.5%	53.3	53.2	-0.1	-0.2%
82.7%	53.3	53.2	-0.1	-0.2%
84.0%	53.3	53.2	-0.1	-0.2%
85.2%	53.1	53.0	-0.1	-0.3%
86.4%	53.1	52.9	-0.2	-0.3%
87.7%	53.0	52.9	-0.1	-0.1%
88.9%	53.0	52.7	-0.3	-0.6%
90.1%	52.8	52.6	-0.2	-0.5%
91.4%	52.8	52.4	-0.4	-0.8%
92.6%	52.8	52.4	-0.5	-0.9%
93.8%	52.6	52.3	-0.3	-0.5%
95.1%	52.5	52.3	-0.2	-0.4%
96.3%	52.3	51.8	-0.5	-1.0%
97.5%	52.0	51.7	-0.3	-0.6%
98.8%	51.6	51.5	-0.1	-0.2%
100.0%	51.4	51.2	0.0	-0.5%

November				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.9	53.9	0.0	0.1%
1.2%	53.7	53.6	0.0	-0.1%
2.5%	53.4	53.5	0.2	0.3%
3.7%	53.3	53.4	0.1	0.2%
4.9%	53.2	53.2	-0.1	-0.1%
6.2%	53.1	53.0	-0.2	-0.3%
7.4%	53.1	52.9	-0.2	-0.4%
8.6%	53.0	52.7	-0.3	-0.5%
9.9%	52.9	52.6	-0.3	-0.5%
11.1%	52.9	52.6	-0.3	-0.6%
12.3%	52.8	52.5	-0.3	-0.5%
13.6%	52.7	52.5	-0.3	-0.5%
14.8%	52.7	52.3	-0.4	-0.8%
16.0%	52.7	52.3	-0.4	-0.8%
17.3%	52.6	52.1	-0.5	-1.0%
18.5%	52.5	52.1	-0.4	-0.8%
19.8%	52.4	52.0	-0.4	-0.7%
21.0%	52.4	52.0	-0.4	-0.8%
22.2%	52.4	52.0	-0.4	-0.7%
23.5%	52.3	52.0	-0.4	-0.7%
24.7%	52.3	52.0	-0.3	-0.6%
25.9%	52.3	51.9	-0.3	-0.6%
27.2%	52.0	51.8	-0.2	-0.4%
28.4%	51.8	51.7	-0.1	-0.1%
29.6%	51.8	51.7	-0.1	-0.1%
30.9%	51.7	51.7	0.0	0.0%
32.1%	51.7	51.7	0.0	0.0%
33.3%	51.7	51.7	0.0	0.0%
34.6%	51.6	51.6	-0.1	-0.1%
35.8%	51.5	51.4	0.0	-0.1%
37.0%	51.5	51.4	-0.1	-0.1%
38.3%	51.4	51.3	-0.1	-0.2%
39.5%	51.4	51.3	-0.1	-0.2%
40.7%	51.4	51.2	-0.1	-0.2%
42.0%	51.3	51.2	-0.1	-0.2%
43.2%	51.3	51.1	-0.2	-0.3%
44.4%	51.3	51.0	-0.2	-0.4%
45.7%	51.3	51.0	-0.3	-0.5%
46.9%	51.2	51.0	-0.3	-0.5%
48.1%	51.2	50.9	-0.3	-0.5%
49.4%	51.1	50.9	-0.2	-0.4%
50.6%	51.1	50.9	-0.3	-0.5%
51.9%	51.1	50.9	-0.2	-0.5%
53.1%	51.1	50.8	-0.2	-0.5%
54.3%	51.1	50.8	-0.3	-0.5%
55.6%	51.0	50.7	-0.3	-0.6%
56.8%	50.9	50.7	-0.3	-0.5%
58.0%	50.9	50.6	-0.3	-0.5%
59.3%	50.9	50.6	-0.2	-0.4%
60.5%	50.8	50.6	-0.2	-0.4%
61.7%	50.8	50.6	-0.2	-0.5%
63.0%	50.8	50.5	-0.3	-0.6%
64.2%	50.7	50.5	-0.2	-0.5%
65.4%	50.6	50.4	-0.2	-0.3%
66.7%	50.5	50.4	-0.1	-0.2%
67.9%	50.5	50.4	-0.1	-0.2%
69.1%	50.4	50.4	0.0	-0.1%
70.4%	50.4	50.4	-0.1	-0.1%
71.6%	50.3	50.3	0.0	0.0%
72.8%	50.3	50.2	-0.1	-0.1%
74.1%	50.2	50.1	-0.1	-0.2%
75.3%	50.2	50.1	-0.1	-0.3%
76.5%	50.0	49.9	-0.1	-0.3%
77.8%	50.0	49.9	-0.1	-0.3%
79.0%	49.9	49.8	-0.1	-0.1%
80.2%	49.9	49.8	-0.1	-0.2%
81.5%	49.8	49.8	-0.1	-0.1%
82.7%	49.7	49.6	-0.1	-0.1%
84.0%	49.7	49.5	-0.1	-0.3%
85.2%	49.6	49.4	-0.2	-0.4%
86.4%	49.6	49.3	-0.2	-0.5%
87.7%	49.6	49.3	-0.3	-0.6%
88.9%	49.5	49.3	-0.3	-0.5%
90.1%	49.4	49.2	-0.2	-0.4%
91.4%	49.2	49.2	0.0	0.0%
92.6%	49.1	49.1	0.0	0.0%
93.8%	48.9	48.9	0.0	0.0%
95.1%	48.9	48.9	0.0	0.1%
96.3%	48.9	48.8	-0.1	-0.1%
97.5%	48.8	48.5	-0.2	-0.5%
98.8%	48.7	48.5	-0.2	-0.4%
100.0%	48.5	47.7	-0.8	-1.6%

December				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.0	50.2	0.2	0.4%
1.2%	48.6	49.4	0.8	1.7%
2.5%	48.6	48.9	0.4	0.7%
3.7%	48.5	48.9	0.4	0.7%
4.9%	48.5	48.7	0.2	0.4%
6.2%	48.3	48.7	0.4	0.8%
7.4%	48.2	48.5	0.3	0.5%
8.6%	48.2	48.5	0.2	0.5%
9.9%	48.0	48.4	0.4	0.8%
11.1%	48.0	48.2	0.3	0.5%
12.3%	47.9	48.1	0.1	0.3%
13.6%	47.9	48.1	0.1	0.3%
14.8%	47.9	48.0	0.2	0.4%
16.0%	47.8	47.9	0.1	0.1%
17.3%	47.7	47.7	0.0	0.0%
18.5%	47.6	47.7	0.1	0.3%
19.8%	47.5	47.7	0.2	0.5%
21.0%	47.4	47.5	0.1	0.2%
22.2%	47.3	47.5	0.1	0.3%
23.5%	47.3	47.4	0.1	0.2%
24.7%	47.3	47.4	0.1	0.2%
25.9%	47.3	47.4	0.1	0.2%
27.2%	47.2	47.3	0.2	0.3%
28.4%	47.2	47.3	0.2	0.4%
29.6%	47.1	47.3	0.2	0.3%
30.9%	47.1	47.2	0.1	0.2%
32.1%	47.1	47.2	0.1	0.1%
33.3%	47.1	47.1	0.0	0.1%
34.6%	47.0	47.0	0.1	0.1%
35.8%	46.9	47.0	0.1	0.2%
37.0%	46.9	47.0	0.0	0.1%
38.3%	46.8	46.9	0.1	0.3%
39.5%	46.8	46.9	0.1	0.3%
40.7%	46.7	46.9	0.2	0.4%
42.0%	46.7	46.9	0.2	0.5%
43.2%	46.7	46.9	0.2	0.4%
44.4%	46.6	46.9	0.2	0.5%
45.7%	46.6	46.9	0.3	0.5%
46.9%	46.5	46.8	0.3	0.6%
48.1%	46.5	46.8	0.3	0.6%
49.4%	46.5	46.7	0.2	0.4%
50.6%	46.5	46.7	0.2	0.4%
51.9%	46.3	46.7	0.3	0.7%
53.1%	46.3	46.5	0.2	0.5%
54.3%	46.3	46.5	0.2	0.5%
55.6%	46.3	46.5	0.2	0.5%
56.8%	46.3	46.5	0.2	0.5%
58.0%	46.3	46.5	0.3	0.5%
59.3%	46.2	46.4	0.2	0.4%
60.5%	46.2	46.3	0.2	0.4%
61.7%	46.2	46.3	0.2	0.4%
63.0%	46.1	46.3	0.3	0.6%
64.2%	46.0	46.3	0.3	0.6%
65.4%	45.9	46.3	0.4	0.8%
66.7%	45.9	46.3	0.3	0.7%
67.9%	45.9	46.2	0.3	0.7%
69.1%	45.9	46.1	0.3	0.5%
70.4%	45.9	46.1	0.2	0.5%
71.6%	45.7	45.9	0.2	0.5%
72.8%	45.6	45.9	0.3	0.6%
74.1%	45.6	45.8	0.2	0.5%
75.3%	45.5	45.8	0.3	0.7%
76.5%	45.4	45.8	0.4	0.8%
77.8%	45.4	45.7	0.3	0.8%
79.0%	45.2	45.7	0.4	0.9%
80.2%	45.2	45.5	0.3	0.6%
81.5%	45.2	45.5	0.3	0.8%
82.7%	45.0	45.5	0.4	1.0%
84.0%	45.0	45.3	0.4	0.8%
85.2%	44.9	45.1	0.2	0.4%
86.4%	44.9	45.0	0.2	0.3%
87.7%	44.9	45.0	0.1	0.3%
88.9%	44.8	44.9	0.1	0.3%
90.1%	44.8	44.8	0.1	0.1%
91.4%	44.7	44.8	0.1	0.2%
92.6%	44.7	44.7	0.1	0.1%
93.8%	44.6	44.7	0.1	0.2%
95.1%	44.3	44.6	0.3	0.7%
96.3%	44.0	44.6	0.6	1.3%
97.5%	43.8	44.5	0.6	1.5%
98.8%	43.8	44.1	0.3	0.6%
100.0%	42.6	42.9	0.4	0.8%

January				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.4	47.8	0.3	0.7%
1.2%	46.7	46.8	0.2	0.4%
2.5%	46.3	46.6	0.3	0.6%
3.7%	46.1	46.6	0.4	0.9%
4.9%	46.1	46.3	0.2	0.4%
6.2%	46.0	46.2	0.3	0.6%
7.4%	46.0	46.2	0.2	0.5%
8.6%	45.9	46.1	0.2	0.5%
9.9%	45.9	46.1	0.2	0.5%
11.1%	45.7	46.0	0.3	0.7%
12.3%	45.6	45.9	0.2	0.5%
13.6%	45.6	45.8	0.2	0.5%
14.8%	45.6	45.8	0.1	0.3%
16.0%	45.6	45.7	0.1	0.3%
17.3%	45.6	45.7	0.1	0.3%
18.5%	45.5	45.7	0.2	0.4%
19.8%	45.5	45.7	0.2	0.4%
21.0%	45.5	45.6	0.2	0.4%
22.2%	45.4	45.6	0.2	0.5%
23.5%	45.4	45.6	0.2	0.4%
24.7%	45.4	45.5	0.1	0.2%
25.9%	45.3	45.5	0.1	0.3%
27.2%	45.3	45.5	0.2	0.3%
28.4%	45.3	45.5	0.2	0.4%
29.6%	45.3	45.4	0.2	0.4%
30.9%	45.2	45.4	0.2	0.4%
32.1%	45.2	45.4	0.2	0.4%
33.3%	45.2	45.4	0.2	0.4%
34.6%	45.1	45.3	0.2	0.5%
35.8%	45.1	45.3	0.2	0.4%
37.0%	45.1	45.3	0.2	0.4%
38.3%	45.1	45.2	0.2	0.4%
39.5%	45.0	45.2	0.2	0.4%
40.7%	44.8	45.2	0.3	0.8%
42.0%	44.8	45.2	0.3	0.8%
43.2%	44.8	45.1	0.4	0.8%
44.4%	44.8	45.1	0.4	0.8%
45.7%	44.7	45.1	0.3	0.8%
46.9%	44.7	45.1	0.4	0.8%
48.1%	44.7	45.0	0.3	0.6%
49.4%	44.7	44.9	0.3	0.6%
50.6%	44.6	44.9	0.3	0.6%
51.9%	44.6	44.9	0.3	0.6%
53.1%	44.6	44.9	0.3	0.6%
54.3%	44.6	44.8	0.2	0.5%
55.6%	44.6	44.8	0.2	0.5%
56.8%	44.5	44.8	0.2	0.5%
58.0%	44.5	44.7	0.2	0.5%
59.3%	44.5	44.7	0.2	0.4%
60.5%	44.5	44.7	0.1	0.3%
61.7%	44.5	44.6	0.1	0.2%
63.0%	44.4	44.6	0.3	0.6%
64.2%	44.4	44.6	0.3	0.6%
65.4%	44.3	44.6	0.2	0.6%
66.7%	44.3	44.6	0.3	0.6%
67.9%	44.3	44.5	0.2	0.5%
69.1%	44.3	44.5	0.2	0.5%
70.4%	44.2	44.5	0.2	0.5%
71.6%	44.2	44.3	0.1	0.2%
72.8%	44.1	44.3	0.2	0.5%
74.1%	44.0	44.2	0.2	0.5%
75.3%	44.0	44.2	0.2	0.6%
76.5%	44.0	44.2	0.2	0.5%
77.8%	43.9	44.1	0.3	0.6%
79.0%	43.8	43.9	0.1	0.2%
80.2%	43.7	43.9	0.2	0.5%
81.5%	43.6	43.8	0.2	0.3%
82.7%	43.6	43.8	0.2	0.4%
84.0%	43.5	43.7	0.2	0.5%
85.2%	43.5	43.7	0.2	0.5%
86.4%	43.5	43.7	0.2	0.5%
87.7%	43.5	43.7	0.2	0.5%
88.9%	43.4	43.7	0.2	0.5%
90.1%	43.4	43.6	0.1	0.3%
91.4%	43.4	43.5	0.2	0.4%
92.6%	43.3	43.5	0.2	0.4%
93.8%	43.3	43.5	0.2	0.5%
95.1%	43.2	43.4	0.2	0.5%
96.3%	42.8	42.8	0.0	0.1%
97.5%	42.7	42.8	0.1	0.2%
98.8%	42.6	42.7	0.1	0.3%
100.0%	42.2	42.7	0.5	1.2%

Table SQ-05-7b

Sacramento River at Bend Bridge, Monthly Temperature

Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	48.7	48.7	0.0	0.1%
1.2%	48.4	48.6	0.3	0.5%
2.5%	48.1	48.3	0.2	0.3%
3.7%	48.0	48.1	0.1	0.2%
4.9%	48.0	48.0	0.0	0.0%
6.2%	47.9	48.0	0.0	0.1%
7.4%	47.9	47.9	0.0	0.0%
8.6%	47.8	47.7	-0.1	-0.2%
9.9%	47.7	47.6	-0.1	-0.1%
11.1%	47.5	47.6	0.0	0.1%
12.3%	47.4	47.6	0.1	0.2%
13.6%	47.4	47.5	0.2	0.4%
14.8%	47.3	47.4	0.1	0.1%
16.0%	47.2	47.3	0.1	0.2%
17.3%	47.2	47.2	0.0	0.1%
18.5%	47.2	47.2	0.1	0.1%
19.8%	47.1	47.2	0.1	0.2%
21.0%	47.0	47.1	0.1	0.3%
22.2%	47.0	47.1	0.1	0.2%
23.5%	47.0	47.0	0.0	0.0%
24.7%	46.9	46.9	0.0	0.0%
25.9%	46.8	46.8	0.0	0.0%
27.2%	46.8	46.8	0.0	-0.1%
28.4%	46.8	46.8	0.0	0.1%
29.6%	46.7	46.8	0.1	0.1%
30.9%	46.7	46.8	0.1	0.1%
32.1%	46.7	46.7	0.0	0.0%
33.3%	46.6	46.6	0.0	0.0%
34.6%	46.6	46.6	0.0	0.0%
35.8%	46.6	46.6	0.0	0.0%
37.0%	46.5	46.6	0.0	0.1%
38.3%	46.5	46.5	0.0	0.1%
39.5%	46.5	46.5	0.0	0.0%
40.7%	46.5	46.4	0.0	0.0%
42.0%	46.4	46.4	0.0	0.0%
43.2%	46.4	46.4	0.0	0.0%
44.4%	46.4	46.4	0.0	0.0%
45.7%	46.4	46.3	-0.1	-0.2%
46.9%	46.4	46.3	-0.1	-0.2%
48.1%	46.2	46.3	0.0	0.1%
49.4%	46.2	46.3	0.1	0.2%
50.6%	46.2	46.2	0.1	0.1%
51.9%	46.1	46.2	0.0	0.1%
53.1%	46.1	46.2	0.0	0.1%
54.3%	46.1	46.1	0.0	0.0%
55.6%	46.1	46.1	0.0	0.0%
56.8%	46.0	46.1	0.0	0.1%
58.0%	46.0	46.1	0.1	0.1%
59.3%	46.0	46.0	0.1	0.1%
60.5%	45.9	46.0	0.1	0.1%
61.7%	45.9	46.0	0.0	0.1%
63.0%	45.9	45.9	0.1	0.1%
64.2%	45.8	45.9	0.0	0.1%
65.4%	45.8	45.8	0.0	-0.1%
66.7%	45.8	45.8	0.0	0.1%
67.9%	45.8	45.7	0.0	0.0%
69.1%	45.7	45.7	0.0	0.0%
70.4%	45.6	45.6	0.0	0.0%
71.6%	45.5	45.5	0.0	-0.1%
72.8%	45.4	45.4	0.0	0.1%
74.1%	45.4	45.4	0.0	0.0%
75.3%	45.4	45.4	0.0	0.0%
76.5%	45.4	45.4	0.0	0.0%
77.8%	45.3	45.3	0.0	-0.1%
79.0%	45.2	45.2	0.0	-0.1%
80.2%	45.2	45.2	0.0	0.0%
81.5%	45.1	45.1	0.0	0.1%
82.7%	45.0	45.1	0.1	0.2%
84.0%	44.9	45.0	0.0	0.1%
85.2%	44.9	44.9	0.1	0.2%
86.4%	44.8	44.8	0.0	0.1%
87.7%	44.8	44.8	0.0	0.1%
88.9%	44.8	44.8	0.1	0.1%
90.1%	44.7	44.8	0.1	0.2%
91.4%	44.6	44.6	0.0	-0.1%
92.6%	44.5	44.6	0.0	0.1%
93.8%	44.5	44.5	0.0	0.0%
95.1%	44.4	44.4	0.0	0.1%
96.3%	44.4	44.4	0.0	0.1%
97.5%	44.3	44.4	0.0	0.1%
98.8%	44.1	44.2	0.1	0.2%
100.0%	43.6	43.6	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.2	53.2	0.0	0.0%
1.2%	52.7	52.7	0.0	-0.1%
2.5%	52.1	52.2	0.1	0.3%
3.7%	52.0	51.9	-0.1	-0.1%
4.9%	51.6	51.9	0.3	0.7%
6.2%	51.5	51.6	0.1	0.1%
7.4%	51.5	51.5	0.0	0.1%
8.6%	51.4	51.4	0.0	0.1%
9.9%	51.3	51.4	0.0	0.0%
11.1%	51.3	51.3	0.0	0.0%
12.3%	51.2	51.3	0.1	0.2%
13.6%	51.2	51.2	0.0	0.0%
14.8%	51.2	51.2	0.0	0.0%
16.0%	50.8	50.9	0.1	0.1%
17.3%	50.8	50.8	0.0	-0.1%
18.5%	50.6	50.6	-0.1	-0.1%
19.8%	50.6	50.6	-0.1	-0.1%
21.0%	50.5	50.5	0.0	0.1%
22.2%	50.4	50.4	0.0	0.1%
23.5%	50.4	50.4	0.0	0.1%
24.7%	50.3	50.4	0.0	0.1%
25.9%	50.3	50.3	0.1	0.1%
27.2%	50.3	50.3	0.0	0.0%
28.4%	50.2	50.3	0.1	0.2%
29.6%	50.2	50.3	0.1	0.2%
30.9%	50.1	50.2	0.1	0.2%
32.1%	50.1	50.1	0.1	0.1%
33.3%	50.0	50.1	0.1	0.2%
34.6%	50.0	50.1	0.1	0.3%
35.8%	50.0	50.1	0.1	0.2%
37.0%	49.9	50.0	0.1	0.3%
38.3%	49.9	49.9	0.0	0.0%
39.5%	49.8	49.9	0.1	0.2%
40.7%	49.7	49.9	0.1	0.2%
42.0%	49.7	49.8	0.1	0.2%
43.2%	49.7	49.8	0.1	0.2%
44.4%	49.6	49.7	0.1	0.2%
45.7%	49.6	49.7	0.1	0.2%
46.9%	49.5	49.7	0.2	0.3%
48.1%	49.5	49.7	0.2	0.4%
49.4%	49.4	49.6	0.2	0.4%
50.6%	49.4	49.5	0.1	0.2%
51.9%	49.4	49.4	0.0	0.0%
53.1%	49.3	49.3	0.0	0.0%
54.3%	49.3	49.3	0.0	0.0%
55.6%	49.3	49.3	0.0	0.0%
56.8%	49.2	49.1	0.0	-0.1%
58.0%	49.0	49.1	0.1	0.1%
59.3%	48.9	49.0	0.0	0.1%
60.5%	48.9	49.0	0.0	0.1%
61.7%	48.9	48.9	0.0	0.1%
63.0%	48.9	48.9	0.0	0.1%
64.2%	48.9	48.8	0.0	0.0%
65.4%	48.8	48.8	0.0	0.0%
66.7%	48.8	48.7	-0.1	-0.2%
67.9%	48.7	48.7	0.0	0.0%
69.1%	48.7	48.7	0.0	0.0%
70.4%	48.7	48.7	0.0	0.0%
71.6%	48.7	48.6	-0.1	-0.1%
72.8%	48.4	48.5	0.0	0.1%
74.1%	48.4	48.4	0.0	0.0%
75.3%	48.3	48.3	0.0	0.0%
76.5%	48.1	48.3	0.2	0.4%
77.8%	48.1	48.2	0.1	0.3%
79.0%	48.0	48.2	0.2	0.3%
80.2%	48.0	48.1	0.1	0.3%
81.5%	47.9	48.0	0.1	0.2%
82.7%	47.8	47.8	0.0	0.0%
84.0%	47.8	47.8	0.0	0.0%
85.2%	47.8	47.8	0.0	0.0%
86.4%	47.7	47.7	0.0	0.0%
87.7%	47.7	47.7	0.0	0.0%
88.9%	47.6	47.6	0.0	0.0%
90.1%	47.5	47.6	0.1	0.2%
91.4%	47.5	47.5	0.0	0.1%
92.6%	47.4	47.5	0.1	0.1%
93.8%	47.3	47.3	0.0	0.0%
95.1%	47.0	47.0	0.0	0.0%
96.3%	46.9	46.9	0.0	0.0%
97.5%	46.8	46.9	0.0	0.0%
98.8%	46.6	46.7	0.1	0.2%
100.0%	46.3	46.3	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.5	57.0	0.4	0.8%
1.2%	55.8	56.8	1.0	1.8%
2.5%	55.3	55.6	0.2	0.4%
3.7%	55.3	55.5	0.2	0.3%
4.9%	55.2	55.4	0.2	0.4%
6.2%	55.1	55.3	0.2	0.4%
7.4%	55.1	55.3	0.2	0.4%
8.6%	54.9	55.2	0.3	0.5%
9.9%	54.8	55.1	0.4	0.7%
11.1%	54.7	55.1	0.4	0.7%
12.3%	54.7	55.1	0.4	0.7%
13.6%	54.5	55.1	0.6	1.1%
14.8%	54.4	55.1	0.6	1.1%
16.0%	54.3	54.8	0.6	1.0%
17.3%	54.1	54.7	0.6	1.1%
18.5%	54.1	54.7	0.6	1.1%
19.8%	54.0	54.7	0.7	1.2%
21.0%	54.0	54.7	0.7	1.3%
22.2%	53.9	54.6	0.7	1.3%
23.5%	53.9	54.6	0.7	1.2%
24.7%	53.9	54.3	0.5	0.9%
25.9%	53.8	54.2	0.4	0.7%
27.2%	53.7	54.2	0.5	0.9%
28.4%	53.7	54.2	0.5	0.9%
29.6%	53.6	54.1	0.4	0.8%
30.9%	53.6	54.0	0.4	0.8%
32.1%	53.5	53.9	0.4	0.7%
33.3%	53.4	53.9	0.5	0.9%
34.6%	53.4	53.9	0.5	0.9%
35.8%	53.4	53.8	0.5	0.9%
37.0%	53.3	53.8	0.5	0.9%
38.3%	53.3	53.8	0.5	0.9%
39.5%	53.3	53.8	0.5	1.0%
40.7%	53.2	53.7	0.5	1.0%
42.0%	53.2	53.7	0.5	1.0%
43.2%	53.2	53.6	0.5	0.9%
44.4%	53.2	53.6	0.4	0.7%
45.7%	53.1	53.5	0.4	0.7%
46.9%	53.1	53.5	0.5	0.9%
48.1%	53.0	53.4	0.4	0.7%
49.4%	52.9	53.3	0.4	0.8%
50.6%	52.9	53.3	0.4	0.8%
51.9%	52.8	53.3	0.5	0.9%
53.1%	52.8	53.2	0.5	0.9%
54.3%	52.8	53.2	0.5	0.9%
55.6%	52.7	53.2	0.5	0.9%
56.8%	52.6	53.1	0.5	1.0%
58.0%	52.6	53.1	0.5	1.0%
59.3%	52.6	53.1	0.5	1.0%
60.5%	52.6	53.0	0.5	0.9%
61.7%	52.5	53.0	0.5	0.9%
63.0%	52.5	52.9	0.4	0.8%
64.2%	52.4	52.9	0.5	0.9%
65.4%	52.4	52.8	0.4	0.8%
66.7%	52.4	52.8	0.4	0.8%
67.9%	52.2	52.8	0.6	1.1%
69.1%	52.0	52.8	0.8	1.5%
70.4%	52.0	52.7	0.7	1.4%
71.6%	51.9	52.5	0.7	1.3%
72.8%	51.8	52.5	0.7	1.3%
74.1%	51.8	52.5	0.7	1.3%
75.3%	51.7	52.5	0.8	1.6%
76.5%	51.6	52.3	0.7	1.3%
77.8%	51.6	52.3	0.6	1.2%
79.0%	51.5	52.0	0.5	1.1%
80.2%	51.5	51.9	0.4	0.9%
81.5%	51.4	51.9	0.5	0.9%
82.7%	51.3	51.7	0.4	0.7%
84.0%	51.2	51.4	0.2	0.4%
85.2%	51.0	51.4	0.4	0.7%
86.4%	51.0	51.3	0.3	0.6%
87.7%	50.9	51.3	0.4	0.7%
88.9%	50.5	51.3	0.8	1.6%
90.1%	50.5	51.2	0.7	1.5%
91.4%	50.4	51.1	0.7	1.3%
92.6%	50.4	50.9	0.5	1.0%
93.8%	50.4	50.9	0.5	1.0%
95.1%	50.4	50.5	0.1	0.3%
96.3%	50.3	50.4	0.0	0.1%
97.5%	50.2	50.1	-0.1	-0.1%
98.8%	49.8	49.7	-0.1	-0.2%
100.0%	48.5	48.5	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.1	58.8	-0.3	-0.5%
1.2%	59.0	58.6	-0.3	-0.6%
2.5%	58.8	58.4	-0.3	-0.6%
3.7%	58.4	58.1	-0.2	-0.4%
4.9%	58.3	57.9	-0.4	-0.7%
6.2%	58.3	57.5	-0.7	-1.2%
7.4%	57.7	57.3	-0.4	-0.7%
8.6%	57.5	57.1	-0.5	-0.8%
9.9%	57.4	57.0	-0.4	-0.6%
11.1%	57.3	57.0	-0.3	-0.5%
12.3%	57.3	57.0	-0.3	-0.5%
13.6%	57.2	57.0	-0.3	-0.5%
14.8%	57.2	56.9	-0.2	-0.4%
16.0%	57.0	56.9	-0.2	-0.3%
17.3%	56.9	56.8	-0.1	-0.2%
18.5%	56.9	56.7	-0.2	-0.3%
19.8%	56.8	56.7	-0.1	-0.2%
21.0%	56.8	56.5	-0.3	-0.5%
22.2%	56.8	56.5	-0.3	-0.4%
23.5%	56.6	56.5	-0.2	-0.3%
24.7%	56.6	56.4	-0.2	-0.3%
25.9%	56.5	56.4	-0.1	-0.2%
27.2%	56.5	56.3	-0.2	-0.4%
28.4%	56.5	56.3	-0.2	-0.4%
29.6%	56.5	56.3	-0.2	-0.3%
30.9%	56.4	56.2	-0.2	-0.4%
32.1%	56.2	56.2	0.0	-0.1%
33.3%	56.0	56.1	0.2	0.3%
34.6%	55.9	56.1	0.3	0.5%
35.8%	55.8	56.1	0.2	0.4%
37.0%	55.8	56.0	0.2	0.4%
38.3%	55.7	55.9	0.2	0.3%
39.5%	55.7	55.9	0.2	0.4%
40.7%	55.6	55.9	0.2	0.4%
42.0%	55.6	55.8	0.2	0.4%
43.2%	55.6	55.8	0.2	0.4%
44.4%	55.6	55.7	0.1	0.3%
45.7%	55.6	55.7	0.1	0.2%
46.9%	55.5	55.7	0.1	0.2%
48.1%	55.4	55.5	0.1	0.2%
49.4%	55.4	55.5	0.1	0.1%
50.6%	55.3	55.4	0.1	0.2%
51.9%	55.3	55.4	0.0	0.1%
53.1%	55.3	55.3	0.1	0.1%
54.3%	55.2	55.3	0.1	0.2%
55.6%	55.2	55.3	0.1	0.2%
56.8%	55.1	55.2	0.1	0.1%
58.0%	54.9	55.2	0.3	0.5%
59.3%	54.9	55.1	0.3	0.5%
60.5%	54.8	55.0	0.2	0.3%
61.7%	54.8	55.0	0.1	0.2%
63.0%	54.8	54.9	0.1	0.2%
64.2%	54.8	54.9	0.2	0.3%
65.4%	54.7	54.8	0.1	0.2%
66.7%	54.7	54.8	0.1	0.2%
67.9%	54.6	54.8	0.2	0.4%
69.1%	54.4	54.8	0.4	0.7%
70.4%	54.4	54.8	0.4	0.7%
71.6%	54.3	54.7	0.4	0.7%
72.8%	54.3	54.7	0.4	0.8%
74.1%	54.3	54.6	0.3	0.6%
75.3%	54.2	54.5	0.4	0.6%
76.5%	54.1	54.5	0.4	0.8%
77.8%	53.9	54.5	0.6	1.1%
79.0%	53.9	54.4	0.5	0.9%
80.2%	53.8	54.3	0.5	1.0%
81.5%	53.8	54.3	0.5	1.0%
82.7%	53.7	54.2	0.5	1.0%
84.0%	53.7	54.2	0.5	0.9%
85.2%	53.7	54.1	0.4	0.8%
86.4%	53.7	54.1	0.4	0.8%
87.7%	53.6	54.0	0.4	0.7%
88.9%	53.6	53.7	0.1	0.2%
90.1%	53.5	53.6	0.1	0.3%
91.4%	53.4	53.5	0.0	0.1%
92.6%	53.4	53.4	0.0	0.0%
93.8%	53.4	53.2	-0.2	-0.3%
95.1%	53.1	53.0	-0.1	-0.2%
96.3%	52.9	52.9	0.0	-0.1%
97.5%	52.7	52.8	0.1	0.1%
98.8%	52.6	52.8	0.2	0.3%
100.0%	52.1	52.0	-0.1	-0.2%

Table SQ-05-7b

Sacramento River at Bend Bridge, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.9	59.1	-0.7	-1.2%
1.2%	59.7	59.0	-0.7	-1.1%
2.5%	58.4	58.2	-0.2	-0.4%
3.7%	58.0	57.6	-0.4	-0.7%
4.9%	57.9	57.5	-0.4	-0.7%
6.2%	57.6	57.5	-0.1	-0.1%
7.4%	57.5	57.4	0.0	-0.1%
8.6%	57.3	57.4	0.1	0.1%
9.9%	57.2	57.4	0.2	0.4%
11.1%	57.0	57.2	0.1	0.3%
12.3%	56.6	56.8	0.2	0.3%
13.6%	56.6	56.8	0.2	0.4%
14.8%	56.6	56.8	0.2	0.4%
16.0%	56.5	56.4	-0.1	-0.2%
17.3%	56.5	56.3	-0.2	-0.3%
18.5%	56.3	56.2	-0.1	-0.1%
19.8%	56.3	56.2	-0.1	-0.1%
21.0%	56.2	56.1	-0.1	-0.2%
22.2%	56.2	56.1	-0.1	-0.2%
23.5%	56.1	56.1	-0.1	-0.1%
24.7%	56.1	56.0	-0.1	-0.2%
25.9%	56.1	56.0	-0.1	-0.2%
27.2%	56.0	55.8	-0.2	-0.3%
28.4%	55.9	55.8	-0.1	-0.2%
29.6%	55.8	55.7	0.0	-0.1%
30.9%	55.8	55.7	0.0	-0.1%
32.1%	55.8	55.7	0.0	-0.1%
33.3%	55.7	55.7	0.0	0.0%
34.6%	55.7	55.7	0.0	0.0%
35.8%	55.7	55.7	0.0	0.0%
37.0%	55.7	55.7	0.0	0.0%
38.3%	55.7	55.6	0.0	0.0%
39.5%	55.6	55.6	0.0	-0.1%
40.7%	55.6	55.5	0.0	0.0%
42.0%	55.5	55.5	0.0	0.0%
43.2%	55.5	55.5	0.0	0.0%
44.4%	55.4	55.5	0.1	0.1%
45.7%	55.4	55.5	0.1	0.1%
46.9%	55.4	55.5	0.1	0.1%
48.1%	55.4	55.5	0.1	0.1%
49.4%	55.3	55.4	0.1	0.2%
50.6%	55.3	55.3	0.0	0.0%
51.9%	55.3	55.3	0.0	0.1%
53.1%	55.3	55.3	0.0	0.1%
54.3%	55.2	55.3	0.1	0.1%
55.6%	55.2	55.3	0.1	0.1%
56.8%	55.2	55.3	0.1	0.1%
58.0%	55.2	55.2	0.1	0.1%
59.3%	55.1	55.2	0.1	0.2%
60.5%	55.1	55.2	0.1	0.2%
61.7%	55.1	55.1	0.0	0.1%
63.0%	55.0	55.1	0.1	0.1%
64.2%	55.0	55.1	0.1	0.2%
65.4%	54.9	55.1	0.2	0.4%
66.7%	54.8	55.0	0.2	0.3%
67.9%	54.8	54.9	0.1	0.1%
69.1%	54.8	54.9	0.0	0.1%
70.4%	54.8	54.9	0.1	0.1%
71.6%	54.7	54.9	0.2	0.3%
72.8%	54.7	54.8	0.1	0.3%
74.1%	54.6	54.8	0.2	0.3%
75.3%	54.6	54.8	0.2	0.3%
76.5%	54.6	54.7	0.2	0.3%
77.8%	54.5	54.7	0.2	0.3%
79.0%	54.5	54.7	0.2	0.3%
80.2%	54.5	54.6	0.1	0.3%
81.5%	54.4	54.5	0.1	0.2%
82.7%	54.4	54.5	0.1	0.1%
84.0%	54.4	54.5	0.1	0.1%
85.2%	54.3	54.5	0.1	0.3%
86.4%	54.3	54.5	0.2	0.3%
87.7%	54.3	54.4	0.1	0.1%
88.9%	54.2	54.3	0.0	0.1%
90.1%	54.1	54.3	0.1	0.2%
91.4%	53.9	54.2	0.3	0.6%
92.6%	53.9	54.1	0.2	0.4%
93.8%	53.6	54.0	0.4	0.8%
95.1%	53.6	54.0	0.4	0.8%
96.3%	53.5	53.9	0.3	0.6%
97.5%	53.5	53.6	0.1	0.1%
98.8%	53.3	53.6	0.3	0.5%
100.0%	53.1	53.1	0.0	0.0%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	62.5	61.7	-0.8	-1.3%
1.2%	60.7	60.5	-0.1	-0.2%
2.5%	60.2	60.1	-0.2	-0.3%
3.7%	60.0	59.8	-0.2	-0.3%
4.9%	59.8	59.1	-0.7	-1.2%
6.2%	59.8	59.0	-0.9	-1.4%
7.4%	59.5	58.9	-0.7	-1.1%
8.6%	59.5	58.6	-0.9	-1.5%
9.9%	58.5	58.5	0.0	-0.1%
11.1%	58.4	58.1	-0.3	-0.5%
12.3%	58.2	57.8	-0.4	-0.6%
13.6%	58.1	57.6	-0.5	-0.9%
14.8%	57.9	57.6	-0.3	-0.6%
16.0%	57.5	57.4	0.0	-0.1%
17.3%	57.4	57.4	0.0	0.0%
18.5%	57.4	57.1	-0.3	-0.5%
19.8%	57.3	57.0	-0.3	-0.5%
21.0%	57.1	56.9	-0.1	-0.3%
22.2%	56.9	56.9	0.0	-0.1%
23.5%	56.9	56.9	0.0	0.0%
24.7%	56.7	56.8	0.1	0.2%
25.9%	56.7	56.8	0.1	0.2%
27.2%	56.7	56.7	0.0	0.1%
28.4%	56.6	56.7	0.1	0.1%
29.6%	56.6	56.7	0.0	0.1%
30.9%	56.6	56.5	-0.1	-0.2%
32.1%	56.6	56.5	-0.1	-0.2%
33.3%	56.6	56.5	-0.1	-0.2%
34.6%	56.6	56.5	-0.1	-0.1%
35.8%	56.4	56.3	-0.1	-0.3%
37.0%	56.4	56.3	-0.2	-0.3%
38.3%	56.4	56.2	-0.1	-0.2%
39.5%	56.2	56.2	-0.1	-0.1%
40.7%	56.2	56.2	0.0	-0.1%
42.0%	56.2	56.2	-0.1	-0.1%
43.2%	56.2	56.1	-0.1	-0.1%
44.4%	56.0	56.1	0.1	0.2%
45.7%	56.0	56.0	-0.1	-0.1%
46.9%	56.0	55.9	-0.1	-0.1%
48.1%	55.9	55.9	0.0	0.0%
49.4%	55.8	55.8	0.0	0.0%
50.6%	55.7	55.8	0.0	0.0%
51.9%	55.6	55.7	0.2	0.3%
53.1%	55.5	55.7	0.2	0.4%
54.3%	55.4	55.6	0.2	0.4%
55.6%	55.4	55.6	0.2	0.3%
56.8%	55.4	55.5	0.1	0.2%
58.0%	55.4	55.5	0.1	0.2%
59.3%	55.3	55.5	0.2	0.3%
60.5%	55.3	55.5	0.2	0.3%
61.7%	55.3	55.4	0.1	0.2%
63.0%	55.3	55.4	0.1	0.2%
64.2%	55.2	55.3	0.1	0.2%
65.4%	55.2	55.3	0.2	0.3%
66.7%	55.2	55.3	0.1	0.2%
67.9%	55.2	55.2	0.1	0.1%
69.1%	55.1	55.2	0.1	0.1%
70.4%	55.1	55.2	0.1	0.2%
71.6%	55.1	55.2	0.1	0.2%
72.8%	55.1	55.2	0.1	0.2%
74.1%	55.0	55.2	0.1	0.2%
75.3%	55.0	55.1	0.2	0.3%
76.5%	54.9	55.1	0.2	0.3%
77.8%	54.9	55.1	0.2	0.4%
79.0%	54.9	55.1	0.2	0.3%
80.2%	54.9	55.0	0.1	0.2%
81.5%	54.8	55.0	0.1	0.3%
82.7%	54.8	54.9	0.1	0.2%
84.0%	54.8	54.7	0.0	-0.1%
85.2%	54.7	54.6	-0.1	-0.2%
86.4%	54.7	54.6	0.0	-0.1%
87.7%	54.6	54.6	0.0	0.0%
88.9%	54.6	54.6	0.0	0.0%
90.1%	54.5	54.6	0.0	0.1%
91.4%	54.5	54.5	0.0	0.0%
92.6%	54.5	54.3	-0.2	-0.3%
93.8%	54.5	54.1	-0.3	-0.6%
95.1%	54.1	54.1	0.0	0.0%
96.3%	54.0	53.9	-0.1	-0.2%
97.5%	54.0	53.8	-0.1	-0.3%
98.8%	53.9	53.8	-0.1	-0.2%
100.0%	53.8	53.5	-0.3	-0.6%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.8	65.7	-1.2	-1.8%
1.2%	66.3	61.8	-4.5	-6.8%
2.5%	65.3	61.5	-3.9	-5.9%
3.7%	64.1	59.7	-4.4	-6.9%
4.9%	61.5	59.0	-2.5	-4.0%
6.2%	60.6	59.0	-1.7	-2.7%
7.4%	60.5	58.7	-1.8	-3.0%
8.6%	59.4	58.5	-0.9	-1.5%
9.9%	58.9	58.2	-0.7	-1.2%
11.1%	58.9	58.2	-0.7	-1.2%
12.3%	58.7	58.2	-0.6	-0.9%
13.6%	58.7	58.1	-0.6	-1.0%
14.8%	58.3	58.1	-0.1	-0.3%
16.0%	58.2	58.0	-0.1	-0.2%
17.3%	58.0	57.8	-0.2	-0.4%
18.5%	57.7	57.8	0.0	0.1%
19.8%	57.7	57.7	0.0	0.0%
21.0%	57.7	57.7	0.0	0.0%
22.2%	57.7	57.5	-0.1	-0.2%
23.5%	57.6	57.5	0.0	-0.1%
24.7%	57.5	57.3	-0.2	-0.4%
25.9%	57.4	57.3	-0.1	-0.2%
27.2%	57.4	57.1	-0.3	-0.6%
28.4%	57.4	57.0	-0.4	-0.6%
29.6%	57.3	57.0	-0.4	-0.6%
30.9%	57.2	57.0	-0.2	-0.4%
32.1%	57.2	57.0	-0.2	-0.4%
33.3%	57.2	56.9	-0.3	-0.5%
34.6%	57.2	56.9	-0.3	-0.5%
35.8%	57.0	56.9	-0.2	-0.3%
37.0%	57.0	56.8	-0.2	-0.4%
38.3%	56.9	56.8	-0.2	-0.3%
39.5%	56.9	56.8	-0.2	-0.3%
40.7%	56.9	56.8	-0.1	-0.3%
42.0%	56.9	56.7	-0.1	-0.2%
43.2%	56.9	56.7	-0.1	-0.2%
44.4%	56.8	56.7	-0.1	-0.2%
45.7%	56.7	56.6	-0.1	-0.2%
46.9%	56.7	56.6	-0.1	-0.2%
48.1%	56.6	56.6	0.0	0.0%
49.4%	56.5	56.5	0.0	0.0%
50.6%	56.5	56.5	0.0	0.0%
51.9%	56.5	56.5	0.0	0.0%
53.1%	56.5	56.5	0.0	0.0%
54.3%	56.5	56.5	0.0	0.0%
55.6%	56.5	56.5	0.0	0.0%
56.8%	56.4	56.4	0.0	0.0%
58.0%	56.4	56.4	0.0	0.0%
59.3%	56.3	56.4	0.0	0.1%
60.5%	56.3	56.3	0.0	0.0%
61.7%	56.2	56.3	0.1	0.1%
63.0%	56.2	56.2	0.0	0.1%
64.2%	56.2	56.2	0.0	0.0%
65.4%	56.2	56.2	0.0	0.0%
66.7%	56.2	56.1	0.0	0.0%
67.9%	56.2	56.1	0.0	0.0%
69.1%	56.2	56.1	-0.1	-0.1%
70.4%	56.2	56.1	-0.1	-0.2%
71.6%	56.1	56.0	-0.1	-0.2%
72.8%	56.1	56.0	-0.1	-0.2%
74.1%	56.1	56.0	-0.1	-0.1%
75.3%	56.1	56.0	-0.1	-0.2%
76.5%	56.1	55.9	-0.1	-0.2%
77.8%	56.0	55.9	-0.1	-0.2%
79.0%	56.0	55.9	-0.1	-0.1%
80.2%	55.9	55.7	-0.2	-0.3%
81.5%	55.9	55.7	-0.2	-0.3%
82.7%	55.8	55.6	-0.1	-0.2%
84.0%	55.7	55.6	-0.1	-0.3%
85.2%	55.7	55.5	-0.1	-0.2%
86.4%	55.6	55.5	-0.1	-0.2%
87.7%	55.5	55.4	-0.1	-0.1%
88.9%	55.4	55.4	0.0	0.0%
90.1%	55.3	55.4	0.1	0.1%
91.4%	55.3	55.4	0.1	0.1%
92.6%	55.3	55.3	0.1	0.1%
93.8%	55.0	55.3	0.3	0.6%
95.1%	54.9	55.2	0.2	0.4%
96.3%	54.8	55.1	0.3	0.6%
97.5%	54.6	54.9	0.3	0.5%
98.8%	54.4	54.8	0.4	0.8%
100.0%	54.2	54.7	0.5	1.0%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.7	65.5	-1.2	-1.8%
1.2%	65.2	64.6	-0.6	-0.9%
2.5%	65.0	64.6	-0.4	-0.7%
3.7%	64.8	64.1	-0.8	-1.2%
4.9%	64.2	63.3	-0.9	-1.4%
6.2%	64.2	61.8	-2.3	-3.6%
7.4%	64.1	61.6	-2.5	-3.9%
8.6%	62.4	60.7	-1.7	-2.7%
9.9%	61.5	60.6	-0.9	-1.5%
11.1%	60.6	60.1	-0.5	-0.9%
12.3%	60.3	60.0	-0.4	-0.6%
13.6%	60.2	59.7	-0.5	-0.8%
14.8%	60.1	59.6	-0.5	-0.9%
16.0%	60.1	59.4	-0.7	-1.2%
17.3%	59.8	59.2	-0.6	-1.0%
18.5%	59.6	59.0	-0.6	-0.9%
19.8%	59.5	58.8	-0.7	-1.2%
21.0%	59.3	58.6	-0.7	-1.2%
22.2%	59.3	58.6	-0.7	-1.2%
23.5%	59.1	58.5	-0.6	-0.9%
24.7%	58.7	58.1	-0.5	-0.9%
25.9%	58.6	57.9	-0.7	-1.1%
27.2%	58.5	57.9	-0.6	-0.9%
28.4%	58.4	57.9	-0.5	-0.8%
29.6%	58.3	57.8	-0.5	-0.8%
30.9%	58.3	57.8	-0.5	-0.9%
32.1%	58.2	57.8	-0.5	-0.8%
33.3%	58.0	57.7	-0.3	-0.5%
34.6%	58.0	57.7	-0.3	-0.5%
35.8%	57.9	57.6	-0.3	-0.6%
37.0%	57.9	57.5	-0.4	-0.7%
38.3%	57.9	57.5	-0.4	-0.7%
39.5%	57.8	57.3	-0.5	-0.9%
40.7%	57.8	57.3	-0.5	-0.9%
42.0%	57.7	57.3	-0.4	-0.7%
43.2%	57.6	57.3	-0.4	-0.6%
44.4%	57.6	57.2	-0.4	-0.6%
45.7%	57.5	57.2	-0.3	-0.5%
46.9%	57.5	57.2	-0.3	-0.5%
48.1%	57.5	57.0	-0.4	-0.7%
49.4%	57.4	57.0	-0.4	-0.7%
50.6%	57.4	56.9	-0.5	-0.8%
51.9%	57.3	56.9	-0.4	-0.7%
53.1%	57.3	56.9	-0.4	-0.7%
54.3%	57.3	56.8	-0.5	-0.9%
55.6%	57.1	56.8	-0.3	-0.6%
56.8%	57.0	56.7	-0.3	-0.5%
58.0%	56.8	56.7	0.0	-0.1%
59.3%	56.8	56.6	-0.1	-0.2%
60.5%	56.7	56.6	-0.2	-0.3%
61.7%	56.7	56.5	-0.2	-0.4%
63.0%	56.6	56.5	-0.1	-0.3%
64.2%	56.6	56.3	-0.3	-0.5%
65.4%	56.5	56.3	-0.2	-0.3%
66.7%	56.3	56.2	-0.1	-0.1%
67.9%	56.2	56.2	0.0	0.0%
69.1%	56.1	56.1	0.0	0.0%
70.4%	56.1	56.1	0.0	0.0%
71.6%	56.0	56.1	0.1	0.2%
72.8%	56.0	56.0	0.0	0.0%
74.1%	55.9	55.9	-0.1	-0.1%
75.3%	55.9	55.8	-0.1	-0.1%
76.5%	55.7	55.8	0.0	0.0%
77.8%	55.7	55.7	-0.1	-0.1%
79.0%	55.7	55.6	-0.1	-0.1%
80.2%	55.7	55.6	-0.1	-0.1%
81.5%	55.5	55.6	0.1	0.2%
82.7%	55.5	55.5	0.0	0.0%
84.0%	55.5	55.4	-0.1	-0.1%
85.2%	55.5	55.4	-0.1	-0.2%
86.4%	55.4	55.4	0.0	0.0%
87.7%	55.4	55.2	-0.2	-0.3%
88.9%	55.3	55.1	-0.2	-0.3%
90.1%	55.2	55.0	-0.2	-0.3%
91.4%	55.0	54.8	-0.2	-0.4%
92.6%	54.9	54.6	-0.3	-0.5%
93.8%	54.8	54.6	-0.2	-0.5%
95.1%	54.8	54.4	-0.4	-0.8%
96.3%	54.7	54.0	-0.7	-1.3%
97.5%	54.6	53.5	-1.1	-2.0%
98.8%	53.3	53.4	0.1	0.2%
100.0%	53.1	53.4	0.2	0.5%

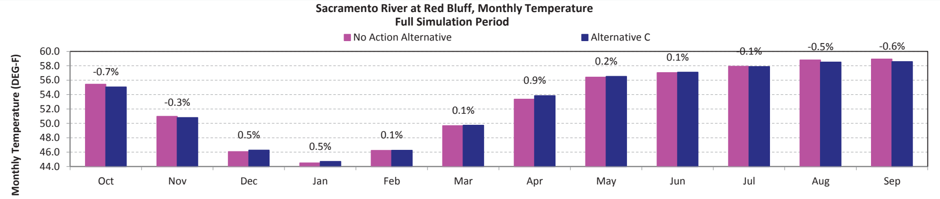
Table SQ-06-7a
Sacramento River at Red Bluff, Monthly Temperature
Long-term Average and Average by Water Year Type

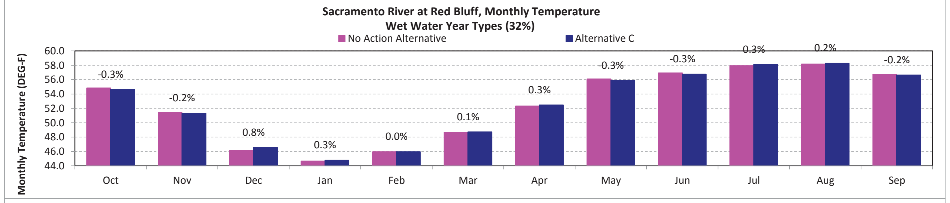
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	55.4	51.0	46.1	44.5	46.2	49.7	53.4	56.4	57.1	57.9	58.8	58.9
Alternative C	55.0	50.8	46.3	44.7	46.3	49.7	53.8	56.5	57.1	57.9	58.5	58.6
Difference	-0.4	-0.2	0.2	0.2	0.0	0.0	0.5	0.1	0.0	0.0	-0.3	-0.3
Percent Difference[3]	-0.7%	-0.3%	0.5%	0.5%	0.1%	0.1%	0.9%	0.2%	0.1%	-0.1%	-0.5%	-0.6%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	54.8	51.4	46.2	44.6	45.9	48.7	52.3	56.1	56.9	57.9	58.2	56.7
Alternative C	54.6	51.3	46.5	44.8	46.0	48.7	52.5	55.9	56.8	58.1	58.3	56.6
Difference	-0.2	-0.1	0.4	0.1	0.0	0.0	0.1	-0.2	-0.2	0.2	0.1	-0.1
Percent Difference	-0.3%	-0.2%	0.8%	0.3%	0.0%	0.1%	0.3%	-0.3%	-0.3%	0.3%	0.2%	-0.2%
Above Normal (15%)												
No Action Alternative	54.5	50.7	46.5	44.8	46.3	49.8	53.7	57.1	56.4	56.9	58.3	58.0
Alternative C	54.2	50.7	46.9	45.0	46.3	49.9	54.0	56.8	56.6	56.8	58.4	58.1
Difference	-0.3	0.0	0.4	0.2	0.0	0.0	0.3	-0.3	0.2	0.0	0.1	0.1
Percent Difference	-0.6%	-0.1%	0.8%	0.5%	0.0%	0.0%	0.6%	-0.5%	0.4%	0.0%	0.2%	0.2%
Below Normal (17%)												
No Action Alternative	54.2	50.4	46.4	44.3	45.8	49.6	53.9	56.5	56.7	57.2	57.9	58.9
Alternative C	53.9	50.3	46.5	44.5	45.9	49.6	54.5	56.7	56.8	57.1	58.0	58.5
Difference	-0.3	-0.1	0.1	0.2	0.0	0.0	0.6	0.2	0.1	-0.1	0.1	-0.4
Percent Difference	-0.6%	-0.2%	0.2%	0.4%	0.0%	0.0%	1.1%	0.4%	0.2%	-0.2%	0.2%	-0.7%
Dry (22%)												
No Action Alternative	55.7	51.1	46.0	44.3	46.4	50.4	54.0	56.1	57.1	57.4	58.6	60.0
Alternative C	55.2	50.7	46.0	44.7	46.4	50.4	54.7	56.4	57.3	57.5	58.2	59.4
Difference	-0.5	-0.3	0.0	0.4	0.0	0.1	0.7	0.3	0.2	0.1	-0.4	-0.6
Percent Difference	-0.9%	-0.6%	0.0%	0.8%	0.0%	0.1%	1.3%	0.6%	0.4%	0.1%	-0.7%	-1.0%
Critical (15%)												
No Action Alternative	58.6	50.7	45.2	44.3	47.0	50.8	53.6	56.9	58.4	60.5	62.0	63.1
Alternative C	57.9	50.4	45.4	44.5	47.1	50.8	54.5	57.5	58.4	59.8	60.1	62.1
Difference	-0.7	-0.3	0.2	0.2	0.1	0.1	0.9	0.6	0.0	-0.6	-1.9	-1.0
Percent Difference	-1.2%	-0.6%	0.5%	0.4%	0.2%	0.2%	1.7%	1.1%	0.0%	-1.0%	-3.0%	-1.5%

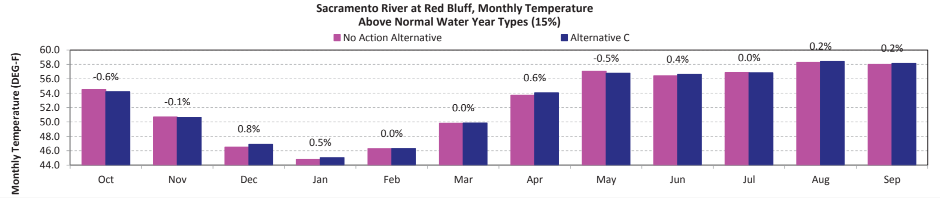
1 Based on the 82-year simulation period

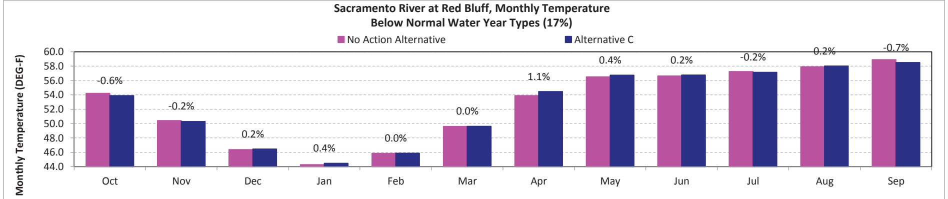
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

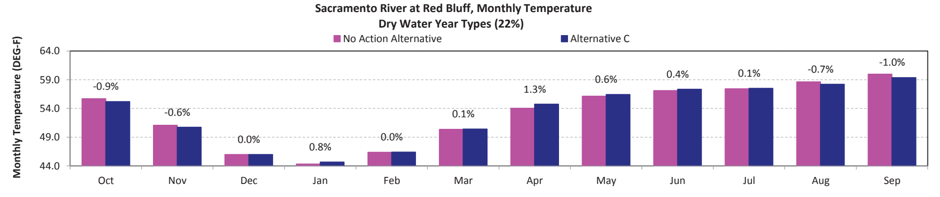
3 Relative difference of the monthly average


Sacramento River at Red Bluff, Monthly Temperature
Full Simulation Period


Sacramento River at Red Bluff, Monthly Temperature
Wet Water Year Types (32%)


Sacramento River at Red Bluff, Monthly Temperature
Above Normal Water Year Types (15%)


Sacramento River at Red Bluff, Monthly Temperature
Below Normal Water Year Types (17%)


Sacramento River at Red Bluff, Monthly Temperature
Dry Water Year Types (22%)

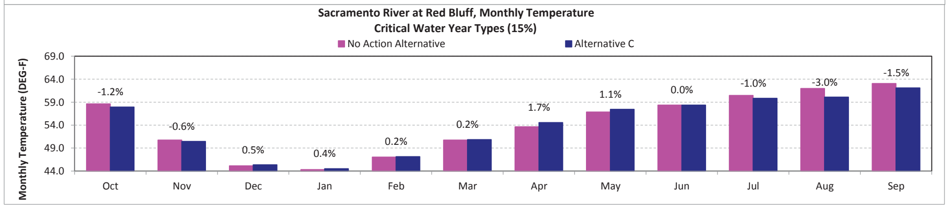

Sacramento River at Red Bluff, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-06-7b
Sacramento River at Red Bluff, Monthly Temperature
Probability of Exceedance

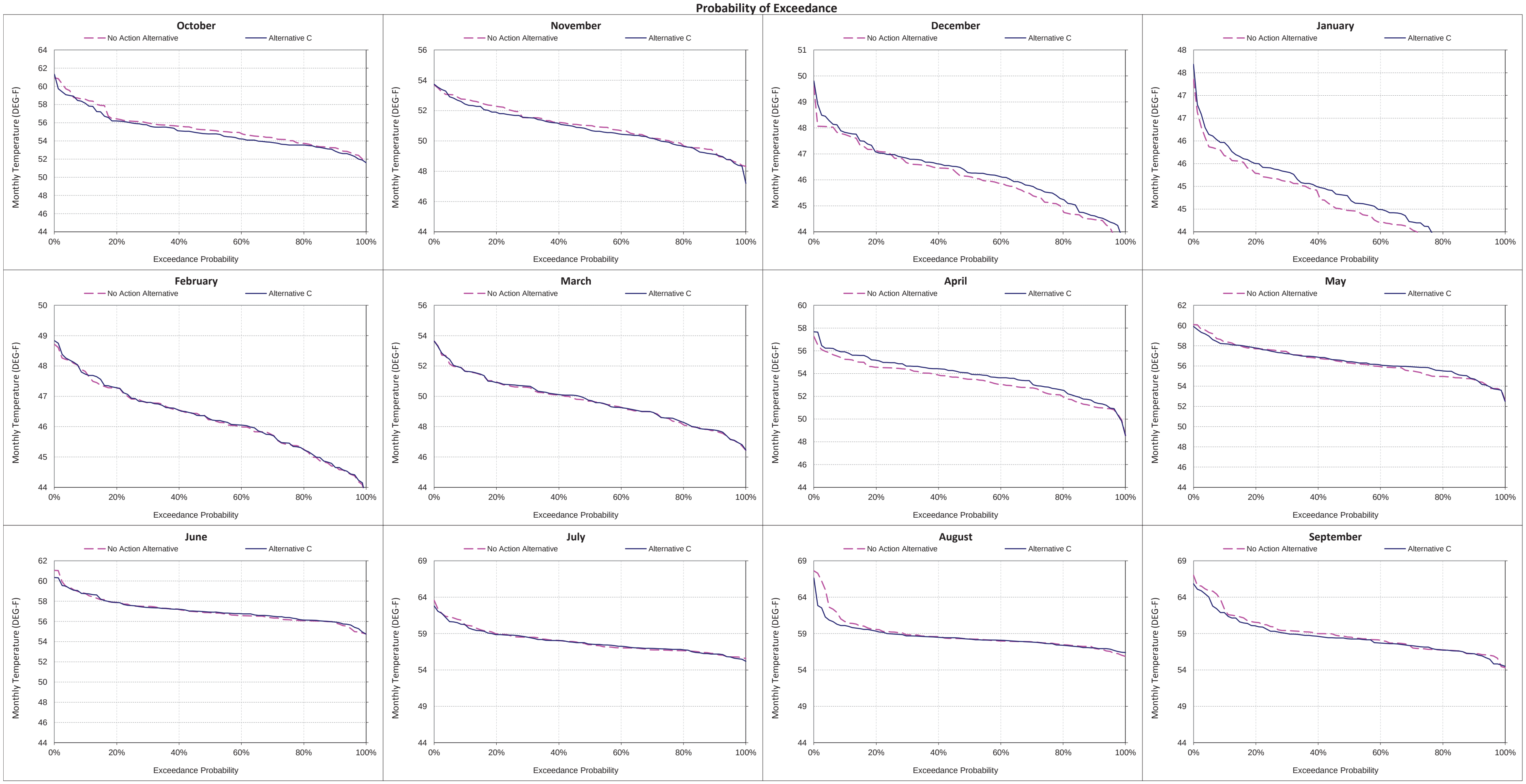


Table SQ-06-7b

Sacramento River at Red Bluff, Monthly Temperature

Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.9	61.3	0.4	0.7%
1.2%	60.9	59.7	-1.1	-1.9%
2.5%	60.3	59.4	-0.9	-1.5%
3.7%	59.7	59.1	-0.6	-1.1%
4.9%	59.5	59.0	-0.5	-0.9%
6.2%	58.8	58.9	0.1	0.2%
7.4%	58.7	58.5	-0.3	-0.5%
8.6%	58.6	58.4	-0.2	-0.4%
9.9%	58.6	58.2	-0.4	-0.7%
11.1%	58.4	57.8	-0.6	-1.0%
12.3%	58.4	57.8	-0.6	-1.0%
13.6%	58.0	57.2	-0.8	-1.4%
14.8%	57.9	57.2	-0.7	-1.2%
16.0%	57.9	56.7	-1.2	-2.0%
17.3%	56.7	56.6	-0.2	-0.3%
18.5%	56.4	56.2	-0.2	-0.4%
19.8%	56.4	56.2	-0.2	-0.4%
21.0%	56.4	56.2	-0.2	-0.4%
22.2%	56.3	56.1	-0.1	-0.2%
23.5%	56.2	56.1	-0.1	-0.2%
24.7%	56.2	56.0	-0.2	-0.3%
25.9%	56.1	55.9	-0.2	-0.4%
27.2%	56.1	55.9	-0.2	-0.4%
28.4%	56.1	55.8	-0.3	-0.5%
29.6%	56.0	55.8	-0.2	-0.4%
30.9%	55.9	55.6	-0.3	-0.5%
32.1%	55.9	55.5	-0.3	-0.6%
33.3%	55.8	55.5	-0.3	-0.5%
34.6%	55.8	55.5	-0.2	-0.4%
35.8%	55.7	55.5	-0.2	-0.4%
37.0%	55.7	55.5	-0.2	-0.4%
38.3%	55.7	55.4	-0.3	-0.5%
39.5%	55.6	55.1	-0.5	-0.9%
40.7%	55.6	55.1	-0.5	-0.9%
42.0%	55.6	55.1	-0.5	-0.9%
43.2%	55.5	55.1	-0.5	-0.9%
44.4%	55.4	55.0	-0.4	-0.8%
45.7%	55.3	54.9	-0.4	-0.7%
46.9%	55.2	54.8	-0.4	-0.8%
48.1%	55.2	54.8	-0.4	-0.7%
49.4%	55.2	54.8	-0.4	-0.8%
50.6%	55.2	54.8	-0.4	-0.7%
51.9%	55.1	54.8	-0.4	-0.7%
53.1%	55.0	54.7	-0.3	-0.6%
54.3%	55.0	54.5	-0.5	-0.9%
55.6%	55.0	54.5	-0.5	-1.0%
56.8%	54.9	54.4	-0.5	-0.9%
58.0%	54.9	54.4	-0.6	-1.0%
59.3%	54.9	54.2	-0.7	-1.3%
60.5%	54.7	54.2	-0.5	-1.0%
61.7%	54.7	54.1	-0.6	-1.0%
63.0%	54.6	54.1	-0.5	-0.9%
64.2%	54.5	54.1	-0.5	-0.8%
65.4%	54.5	54.0	-0.5	-1.0%
66.7%	54.5	53.9	-0.5	-1.0%
67.9%	54.4	53.9	-0.5	-0.9%
69.1%	54.4	53.8	-0.5	-1.0%
70.4%	54.3	53.8	-0.5	-1.0%
71.6%	54.2	53.7	-0.4	-0.8%
72.8%	54.2	53.6	-0.5	-1.0%
74.1%	54.2	53.6	-0.5	-1.0%
75.3%	54.0	53.6	-0.5	-0.9%
76.5%	54.0	53.6	-0.5	-0.9%
77.8%	53.8	53.5	-0.3	-0.5%
79.0%	53.7	53.5	-0.2	-0.4%
80.2%	53.7	53.5	-0.2	-0.3%
81.5%	53.6	53.5	-0.2	-0.3%
82.7%	53.5	53.5	-0.1	-0.1%
84.0%	53.4	53.3	-0.1	-0.2%
85.2%	53.4	53.3	-0.1	-0.1%
86.4%	53.3	53.2	-0.1	-0.3%
87.7%	53.3	53.1	-0.2	-0.3%
88.9%	53.2	53.1	-0.1	-0.3%
90.1%	53.2	52.9	-0.4	-0.7%
91.4%	53.1	52.7	-0.4	-0.8%
92.6%	52.9	52.6	-0.3	-0.5%
93.8%	52.9	52.6	-0.3	-0.5%
95.1%	52.7	52.5	-0.2	-0.4%
96.3%	52.5	52.3	-0.2	-0.4%
97.5%	52.4	52.0	-0.4	-0.8%
98.8%	52.0	51.9	-0.1	-0.2%
100.0%	51.8	51.6	0.0	-0.4%

November				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.7	53.7	0.0	0.1%
1.2%	53.5	53.6	0.1	0.1%
2.5%	53.2	53.4	0.2	0.3%
3.7%	53.1	53.3	0.2	0.4%
4.9%	53.1	52.9	-0.1	-0.3%
6.2%	53.0	52.8	-0.2	-0.4%
7.4%	52.9	52.7	-0.2	-0.4%
8.6%	52.8	52.6	-0.2	-0.3%
9.9%	52.7	52.4	-0.3	-0.6%
11.1%	52.7	52.4	-0.4	-0.7%
12.3%	52.6	52.3	-0.3	-0.6%
13.6%	52.6	52.3	-0.3	-0.6%
14.8%	52.5	52.3	-0.2	-0.5%
16.0%	52.4	52.1	-0.4	-0.7%
17.3%	52.4	52.0	-0.4	-0.7%
18.5%	52.3	51.9	-0.4	-0.8%
19.8%	52.3	51.9	-0.4	-0.7%
21.0%	52.2	51.8	-0.5	-0.9%
22.2%	52.2	51.8	-0.4	-0.8%
23.5%	52.1	51.7	-0.3	-0.6%
24.7%	52.0	51.7	-0.3	-0.6%
25.9%	52.0	51.7	-0.3	-0.5%
27.2%	51.9	51.7	-0.3	-0.5%
28.4%	51.5	51.6	0.0	0.0%
29.6%	51.5	51.6	0.0	0.0%
30.9%	51.5	51.5	0.0	0.0%
32.1%	51.5	51.5	0.0	0.0%
33.3%	51.5	51.4	-0.1	-0.2%
34.6%	51.5	51.4	-0.1	-0.2%
35.8%	51.3	51.3	-0.1	-0.1%
37.0%	51.3	51.2	-0.1	-0.2%
38.3%	51.2	51.2	0.0	-0.1%
39.5%	51.2	51.2	0.0	-0.1%
40.7%	51.2	51.1	-0.1	-0.3%
42.0%	51.2	51.0	-0.1	-0.3%
43.2%	51.1	51.0	-0.1	-0.2%
44.4%	51.1	51.0	-0.1	-0.3%
45.7%	51.1	50.9	-0.2	-0.4%
46.9%	51.0	50.9	-0.2	-0.3%
48.1%	51.0	50.8	-0.2	-0.4%
49.4%	51.0	50.8	-0.3	-0.5%
50.6%	51.0	50.7	-0.3	-0.6%
51.9%	50.9	50.6	-0.3	-0.6%
53.1%	50.9	50.6	-0.3	-0.6%
54.3%	50.9	50.6	-0.3	-0.6%
55.6%	50.9	50.5	-0.3	-0.7%
56.8%	50.8	50.5	-0.2	-0.5%
58.0%	50.7	50.5	-0.2	-0.4%
59.3%	50.7	50.5	-0.2	-0.5%
60.5%	50.7	50.4	-0.2	-0.5%
61.7%	50.6	50.4	-0.2	-0.5%
63.0%	50.5	50.4	-0.1	-0.2%
64.2%	50.4	50.4	-0.1	-0.2%
65.4%	50.4	50.4	-0.1	-0.2%
66.7%	50.4	50.3	-0.1	-0.2%
67.9%	50.3	50.3	0.0	0.0%
69.1%	50.2	50.2	0.0	-0.1%
70.4%	50.2	50.2	0.0	0.0%
71.6%	50.2	50.1	-0.1	-0.2%
72.8%	50.1	50.0	-0.1	-0.3%
74.1%	50.1	50.0	-0.1	-0.2%
75.3%	50.0	49.9	-0.1	-0.2%
76.5%	49.9	49.8	-0.1	-0.2%
77.8%	49.9	49.7	-0.2	-0.4%
79.0%	49.8	49.7	-0.2	-0.3%
80.2%	49.7	49.6	0.0	-0.1%
81.5%	49.6	49.6	0.0	0.0%
82.7%	49.5	49.6	0.0	0.1%
84.0%	49.5	49.4	-0.1	-0.2%
85.2%	49.5	49.3	-0.3	-0.5%
86.4%	49.5	49.2	-0.3	-0.5%
87.7%	49.4	49.2	-0.3	-0.5%
88.9%	49.4	49.1	-0.3	-0.6%
90.1%	49.2	49.1	-0.1	-0.3%
91.4%	49.0	49.0	0.1	0.1%
92.6%	48.9	49.0	0.0	0.0%
93.8%	48.8	48.8	0.0	0.0%
95.1%	48.7	48.8	0.0	0.1%
96.3%	48.6	48.5	-0.1	-0.2%
97.5%	48.6	48.4	-0.2	-0.4%
98.8%	48.4	48.3	0.0	-0.1%
100.0%	48.3	47.2	-1.1	-2.3%

December				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	49.6	49.8	0.2	0.4%
1.2%	48.1	48.9	0.8	1.8%
2.5%	48.1	48.5	0.4	0.9%
3.7%	48.1	48.5	0.4	0.8%
4.9%	48.0	48.3	0.2	0.5%
6.2%	48.0	48.1	0.1	0.2%
7.4%	47.8	48.1	0.3	0.6%
8.6%	47.8	47.9	0.1	0.2%
9.9%	47.8	47.8	0.1	0.2%
11.1%	47.7	47.8	0.1	0.2%
12.3%	47.6	47.8	0.1	0.3%
13.6%	47.6	47.8	0.2	0.3%
14.8%	47.3	47.5	0.2	0.3%
16.0%	47.3	47.5	0.2	0.4%
17.3%	47.2	47.4	0.2	0.4%
18.5%	47.2	47.3	0.2	0.3%
19.8%	47.1	47.1	0.0	-0.1%
21.0%	47.1	47.0	-0.1	-0.1%
22.2%	47.1	47.0	-0.1	-0.1%
23.5%	47.1	47.0	-0.1	-0.2%
24.7%	47.0	47.0	0.0	0.0%
25.9%	46.8	47.0	0.1	0.3%
27.2%	46.8	46.9	0.1	0.2%
28.4%	46.8	46.9	0.1	0.1%
29.6%	46.7	46.8	0.2	0.4%
30.9%	46.6	46.8	0.2	0.4%
32.1%	46.6	46.8	0.2	0.4%
33.3%	46.6	46.8	0.2	0.4%
34.6%	46.6	46.8	0.2	0.4%
35.8%	46.6	46.7	0.1	0.2%
37.0%	46.5	46.7	0.1	0.3%
38.3%	46.5	46.7	0.2	0.4%
39.5%	46.5	46.6	0.2	0.4%
40.7%	46.5	46.6	0.1	0.3%
42.0%	46.5	46.6	0.1	0.2%
43.2%	46.4	46.5	0.1	0.2%
44.4%	46.4	46.5	0.1	0.2%
45.7%	46.3	46.5	0.2	0.5%
46.9%	46.2	46.5	0.3	0.7%
48.1%	46.1	46.4	0.3	0.6%
49.4%	46.1	46.3	0.1	0.3%
50.6%	46.1	46.3	0.2	0.3%
51.9%	46.1	46.3	0.2	0.5%
53.1%	46.0	46.3	0.2	0.5%
54.3%	46.0	46.2	0.3	0.6%
55.6%	46.0	46.2	0.3	0.6%
56.8%	45.9	46.2	0.2	0.5%
58.0%	45.9	46.2	0.3	0.6%
59.3%	45.9	46.1	0.3	0.6%
60.5%	45.9	46.1	0.2	0.5%
61.7%	45.8	46.1	0.3	0.7%
63.0%	45.8	46.0	0.3	0.6%
64.2%	45.8	45.9	0.2	0.4%
65.4%	45.7	45.9	0.3	0.6%
66.7%	45.6	45.9	0.3	0.6%
67.9%	45.5	45.8	0.3	0.6%
69.1%	45.5	45.8	0.3	0.7%
70.4%	45.4	45.7	0.4	0.8%
71.6%	45.3	45.7	0.3	0.7%
72.8%	45.3	45.6	0.3	0.7%
74.1%	45.1	45.5	0.4	0.9%
75.3%	45.1	45.5	0.4	0.8%
76.5%	45.1	45.5	0.4	0.9%
77.8%	45.1	45.4	0.3	0.7%
79.0%	45.0	45.3	0.3	0.6%
80.2%	44.7	45.2	0.5	1.1%
81.5%	44.7	45.1	0.4	0.8%
82.7%	44.7	45.1	0.4	0.9%
84.0%	44.7	45.0	0.4	0.8%
85.2%	44.7	44.8	0.1	0.2%
86.4%	44.5	44.7	0.2	0.5%
87.7%	44.5	44.7	0.2	0.4%
88.9%	44.5	44.6	0.1	0.3%
90.1%	44.5	44.6	0.2	0.3%
91.4%	44.5	44.6	0.1	0.2%
92.6%	44.4	44.5	0.1	0.2%
93.8%	44.3	44.5	0.2	0.4%
95.1%	44.2	44.4	0.2	0.5%
96.3%	43.9	44.3	0.5	1.1%
97.5%	43.6	44.2	0.6	1.5%
98.8%	43.6	43.8	0.2	0.5%
100.0%	42.2	42.5	0.3	0.7%

January				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.4	47.7	0.3	0.7%
1.2%	46.6	46.8	0.2	0.4%
2.5%	46.3	46.6	0.3	0.6%
3.7%	46.1	46.3	0.2	0.5%
4.9%	45.9	46.1	0.3	0.6%
6.2%	45.9	46.1	0.3	0.6%
7.4%	45.8	46.0	0.2	0.4%
8.6%	45.8	46.0	0.2	0.4%
9.9%	45.7	46.0	0.3	0.6%
11.1%	45.7	45.9	0.2	0.5%
12.3%	45.6	45.8	0.2	0.4%
13.6%	45.6	45.7	0.1	0.3%
14.8%	45.6	45.7	0.1	0.2%
16.0%	45.5	45.6	0.1	0.2%
17.3%	45.4	45.6	0.2	0.4%
18.5%	45.4	45.5	0.2	0.4%
19.8%	45.3	45.5	0.2	0.5%
21.0%	45.3	45.5	0.2	0.5%
22.2%	45.2	45.4	0.2	0.5%
23.5%	45.2	45.4	0.2	0.5%
24.7%	45.2	45.4	0.2	0.5%
25.9%	45.2	45.4	0.2	0.5%
27.2%	45.2	45.4	0.2	0.5%
28.4%	45.1	45.3	0.2	0.5%
29.6%	45.1	45.3	0.2	0.5%
30.9%	45.1	45.3	0.2	0.4%
32.1%	45.1	45.3	0.2	0.4%
33.3%	45.1	45.1	0.1	0.2%
34.6%	45.0	45.1	0.1	0.1%
35.8%	45.0	45.1	0.1	0.1%
37.0%	45.0	45.1	0.1	0.2%
38.3%	44.9	45.0	0.1	0.3%
39.5%	44.9	45.0	0.1	0.2%
40.7%	44.7	45.0	0.3	0.6%
42.0%	44.7	45.0	0.3	0.6%
43.2%	44.6	44.9	0.3	0.6%
44.4%	44.6	44.9	0.3	0.8%
45.7%	44.5	44.8	0.3	0.7%
46.9%	44.5	44.8	0.3	0.7%
48.1%	44.5	44.8	0.3	0.7%
49.4%	44.5	44.8	0.3	0.7%
50.6%	44.5	44.7	0.2	0.5%
51.9%	44.5	44.6	0.2	0.4%
53.1%	44.4	44.6	0.2	0.4%
54.3%	44.4	44.6	0.2	0.5%
55.6%	44.4	44.6	0.2	0.5%
56.8%	44.4	44.6	0.2	0.5%
58.0%	44.3	44.6	0.3	0.7%
59.3%	44.2	44.5	0.3	0.6%
60.5%	44.2	44.5	0.3	0.6%
61.7%	44.2	44.5	0.3	0.6%
63.0%	44.2	44.4	0.2	0.5%
64.2%	44.2	44.4	0.3	0.6%
65.4%	44.2	44.4	0.3	0.6%
66.7%	44.1	44.4	0.2	0.6%
67.9%	44.1	44.4	0.2	0.5%
69.1%	44.1	44.2	0.1	0.3%
70.4%	44.0	44.2	0.2	0.4%
71.6%	44.0	44.2	0.2	0.4%
72.8%	44.0	44.2	0.2	0.6%
74.1%	43.8	44.1	0.3	0.8%
75.3%	43.8	44.1	0.4	0.8%
76.5%	43.7	44.0	0.2	0.5%
77.8%	43.7	43.9	0.2	0.4%
79.0%	43.7	43.8	0.1	0.3%
80.2%	43.5	43.8	0.2	0.5%
81.5%	43.5	43.7	0.2	0.4%
82.7%	43.4	43.7	0.2	0.5%
84.0%	43.4	43.6	0.1	0.3%
85.2%	43.4	43.5	0.1	0.3%
86.4%	43.3	43.5	0.1	0.3%
87.7%	43.2	43.4	0.2	0.5%
88.9%	43.2	43.4	0.2	0.6%
90.1%	43.2	43.4	0.2	0.5%
91.4%	43.1	43.4	0.2	0.5%
92.6%	43.1	43.3	0.2	0.5%
93.8%	43.1	43.2	0.2	0.3%
95.1%	43.0	43.2	0.2	0.4%
96.3%	42.7	42.7	0.0	0.1%
97.5%	42.6	42.7	0.1	0.2%
98.8%	42.6	42.7	0.1	0.2%
100.0%	41.9	42.4	0.5	1.2%

Table SQ-06-7b

Sacramento River at Red Bluff, Monthly Temperature
Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	48.7	48.8	0.1	0.2%
1.2%	48.6	48.8	0.1	0.3%
2.5%	48.3	48.4	0.1	0.2%
3.7%	48.2	48.3	0.0	0.1%
4.9%	48.2	48.2	0.0	0.0%
6.2%	48.1	48.1	0.0	0.1%
7.4%	48.0	48.0	0.0	0.0%
8.6%	47.9	47.8	-0.1	-0.2%
9.9%	47.8	47.7	-0.1	-0.2%
11.1%	47.6	47.7	0.0	0.1%
12.3%	47.5	47.7	0.2	0.4%
13.6%	47.5	47.6	0.2	0.4%
14.8%	47.4	47.6	0.2	0.4%
16.0%	47.3	47.4	0.0	0.1%
17.3%	47.3	47.3	0.1	0.1%
18.5%	47.3	47.3	0.0	0.1%
19.8%	47.3	47.3	0.0	0.0%
21.0%	47.3	47.3	0.0	0.0%
22.2%	47.1	47.1	0.0	0.1%
23.5%	47.0	47.1	0.1	0.1%
24.7%	46.9	46.9	0.0	0.0%
25.9%	46.9	46.9	0.0	0.0%
27.2%	46.9	46.8	-0.1	-0.1%
28.4%	46.8	46.8	0.0	0.0%
29.6%	46.8	46.8	0.0	0.0%
30.9%	46.8	46.8	0.0	0.0%
32.1%	46.8	46.8	0.0	0.0%
33.3%	46.8	46.7	0.0	-0.1%
34.6%	46.7	46.7	0.0	-0.1%
35.8%	46.7	46.6	0.0	-0.1%
37.0%	46.6	46.6	0.0	0.0%
38.3%	46.6	46.6	0.0	0.1%
39.5%	46.6	46.6	0.0	0.0%
40.7%	46.5	46.5	0.0	0.0%
42.0%	46.5	46.5	0.0	0.1%
43.2%	46.5	46.5	0.0	0.0%
44.4%	46.4	46.4	0.0	0.0%
45.7%	46.4	46.4	-0.1	-0.1%
46.9%	46.4	46.4	0.0	0.0%
48.1%	46.4	46.4	0.0	0.0%
49.4%	46.2	46.3	0.1	0.1%
50.6%	46.2	46.2	0.0	0.0%
51.9%	46.2	46.2	0.0	0.1%
53.1%	46.1	46.2	0.1	0.1%
54.3%	46.1	46.2	0.0	0.1%
55.6%	46.1	46.1	0.1	0.2%
56.8%	46.0	46.1	0.0	0.1%
58.0%	46.0	46.1	0.0	0.1%
59.3%	46.0	46.1	0.1	0.1%
60.5%	46.0	46.0	0.1	0.1%
61.7%	46.0	46.0	0.0	0.1%
63.0%	45.9	46.0	0.0	0.1%
64.2%	45.8	46.0	0.1	0.3%
65.4%	45.8	45.9	0.0	0.1%
66.7%	45.8	45.8	0.0	0.0%
67.9%	45.8	45.7	-0.1	-0.2%
69.1%	45.8	45.7	0.0	-0.1%
70.4%	45.7	45.7	0.0	0.0%
71.6%	45.5	45.6	0.0	0.0%
72.8%	45.5	45.5	0.0	0.0%
74.1%	45.4	45.5	0.0	0.1%
75.3%	45.4	45.5	0.0	0.1%
76.5%	45.4	45.3	0.0	-0.1%
77.8%	45.4	45.3	0.0	-0.1%
79.0%	45.3	45.3	0.0	0.0%
80.2%	45.2	45.2	0.0	0.0%
81.5%	45.1	45.2	0.0	0.1%
82.7%	45.0	45.1	0.1	0.2%
84.0%	45.0	45.0	0.0	0.0%
85.2%	44.9	45.0	0.1	0.3%
86.4%	44.8	44.9	0.0	0.1%
87.7%	44.8	44.8	0.0	0.1%
88.9%	44.7	44.8	0.1	0.2%
90.1%	44.7	44.6	0.0	-0.1%
91.4%	44.6	44.6	0.1	0.2%
92.6%	44.6	44.6	0.0	0.0%
93.8%	44.5	44.5	0.0	0.1%
95.1%	44.4	44.4	0.0	0.0%
96.3%	44.4	44.4	0.0	0.1%
97.5%	44.2	44.2	0.0	0.1%
98.8%	44.1	44.1	0.1	0.1%
100.0%	43.6	43.6	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.6	53.6	0.0	0.0%
1.2%	53.3	53.3	0.0	-0.1%
2.5%	52.7	52.8	0.1	0.2%
3.7%	52.7	52.6	-0.1	-0.1%
4.9%	52.1	52.4	0.3	0.6%
6.2%	52.0	52.0	0.1	0.1%
7.4%	51.9	52.0	0.0	0.1%
8.6%	51.9	51.9	0.0	0.0%
9.9%	51.7	51.7	0.0	0.0%
11.1%	51.6	51.6	0.0	0.1%
12.3%	51.6	51.6	0.0	0.0%
13.6%	51.5	51.5	0.0	0.0%
14.8%	51.4	51.5	0.0	0.1%
16.0%	51.3	51.4	0.0	0.1%
17.3%	51.0	51.0	0.0	-0.1%
18.5%	51.0	51.0	0.0	-0.1%
19.8%	51.0	50.9	-0.1	-0.1%
21.0%	50.9	50.9	0.0	0.1%
22.2%	50.8	50.8	0.0	0.1%
23.5%	50.8	50.8	0.0	0.1%
24.7%	50.7	50.8	0.1	0.2%
25.9%	50.6	50.8	0.1	0.3%
27.2%	50.6	50.7	0.1	0.2%
28.4%	50.6	50.7	0.1	0.2%
29.6%	50.6	50.7	0.1	0.1%
30.9%	50.6	50.7	0.1	0.2%
32.1%	50.4	50.5	0.1	0.3%
33.3%	50.3	50.3	0.1	0.2%
34.6%	50.2	50.3	0.1	0.1%
35.8%	50.2	50.3	0.1	0.1%
37.0%	50.1	50.2	0.1	0.1%
38.3%	50.1	50.2	0.0	0.1%
39.5%	50.1	50.1	0.0	0.1%
40.7%	50.1	50.1	0.0	0.0%
42.0%	50.0	50.1	0.1	0.2%
43.2%	50.0	50.1	0.1	0.2%
44.4%	49.9	50.1	0.2	0.4%
45.7%	49.8	50.0	0.2	0.5%
46.9%	49.8	50.0	0.2	0.4%
48.1%	49.8	49.9	0.1	0.3%
49.4%	49.7	49.8	0.1	0.1%
50.6%	49.7	49.7	0.0	0.0%
51.9%	49.6	49.6	0.0	-0.1%
53.1%	49.6	49.6	0.0	0.0%
54.3%	49.5	49.5	0.0	0.0%
55.6%	49.4	49.4	0.0	0.0%
56.8%	49.4	49.3	-0.1	-0.2%
58.0%	49.4	49.3	-0.1	-0.1%
59.3%	49.3	49.3	0.0	-0.1%
60.5%	49.2	49.2	0.0	0.0%
61.7%	49.1	49.2	0.1	0.2%
63.0%	49.1	49.2	0.0	0.1%
64.2%	49.0	49.1	0.1	0.1%
65.4%	49.0	49.1	0.0	0.0%
66.7%	49.0	49.0	0.0	0.0%
67.9%	49.0	49.0	0.0	0.0%
69.1%	49.0	49.0	0.0	0.0%
70.4%	48.9	48.9	0.0	0.1%
71.6%	48.8	48.8	-0.1	-0.1%
72.8%	48.6	48.6	0.0	0.0%
74.1%	48.6	48.6	0.0	0.0%
75.3%	48.5	48.6	0.0	0.1%
76.5%	48.4	48.6	0.2	0.4%
77.8%	48.3	48.4	0.1	0.2%
79.0%	48.3	48.3	0.1	0.2%
80.2%	48.1	48.3	0.2	0.4%
81.5%	48.1	48.1	0.1	0.2%
82.7%	48.0	48.0	0.0	0.0%
84.0%	48.0	48.0	0.0	0.0%
85.2%	47.9	47.9	0.0	-0.1%
86.4%	47.8	47.9	0.0	0.1%
87.7%	47.8	47.8	0.0	0.0%
88.9%	47.7	47.8	0.0	0.1%
90.1%	47.7	47.8	0.0	0.1%
91.4%	47.6	47.7	0.1	0.2%
92.6%	47.6	47.6	0.1	0.2%
93.8%	47.4	47.4	0.0	0.0%
95.1%	47.2	47.2	0.0	0.0%
96.3%	47.1	47.1	0.0	0.0%
97.5%	46.9	46.9	0.0	0.0%
98.8%	46.7	46.8	0.1	0.2%
100.0%	46.4	46.4	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	57.3	57.7	0.4	0.7%
1.2%	56.5	57.6	1.1	2.0%
2.5%	56.1	56.5	0.3	0.6%
3.7%	56.0	56.2	0.3	0.5%
4.9%	55.8	56.2	0.4	0.7%
6.2%	55.7	56.2	0.6	1.0%
7.4%	55.5	56.0	0.5	0.9%
8.6%	55.4	55.9	0.5	0.9%
9.9%	55.3	55.9	0.7	1.2%
11.1%	55.2	55.8	0.6	1.0%
12.3%	55.2	55.6	0.4	0.8%
13.6%	55.0	55.6	0.6	1.1%
14.8%	55.0	55.6	0.6	1.1%
16.0%	55.0	55.6	0.6	1.1%
17.3%	54.6	55.5	0.8	1.5%
18.5%	54.6	55.2	0.6	1.1%
19.8%	54.6	55.2	0.6	1.2%
21.0%	54.5	55.1	0.6	1.1%
22.2%	54.5	55.0	0.5	0.8%
23.5%	54.5	55.0	0.5	0.8%
24.7%	54.5	55.0	0.5	0.8%
25.9%	54.5	55.0	0.5	0.9%
27.2%	54.5	54.9	0.4	0.7%
28.4%	54.4	54.9	0.4	0.8%
29.6%	54.4	54.7	0.3	0.5%
30.9%	54.3	54.7	0.3	0.6%
32.1%	54.2	54.6	0.4	0.8%
33.3%	54.2	54.6	0.4	0.8%
34.6%	54.1	54.6	0.5	0.9%
35.8%	54.0	54.5	0.5	0.9%
37.0%	54.0	54.5	0.4	0.8%
38.3%	54.0	54.4	0.5	0.9%
39.5%	53.9	54.4	0.5	1.0%
40.7%	53.8	54.4	0.6	1.1%
42.0%	53.8	54.4	0.6	1.1%
43.2%	53.7	54.3	0.5	1.0%
44.4%	53.7	54.3	0.6	1.1%
45.7%	53.7	54.2	0.5	1.0%
46.9%	53.6	54.1	0.5	0.9%
48.1%	53.6	54.1	0.5	1.0%
49.4%	53.5	54.1	0.6	1.1%
50.6%	53.5	53.9	0.4	0.8%
51.9%	53.5	53.9	0.4	0.8%
53.1%	53.4	53.9	0.5	0.9%
54.3%	53.4	53.9	0.5	0.9%
55.6%	53.3	53.8	0.5	1.0%
56.8%	53.2	53.7	0.5	0.9%
58.0%	53.1	53.7	0.6	1.1%
59.3%	53.1	53.6	0.6	1.1%
60.5%	53.0	53.6	0.6	1.1%
61.7%	53.0	53.6	0.7	1.2%
63.0%	53.0	53.6	0.6	1.2%
64.2%	52.9	53.6	0.7	1.3%
65.4%	52.8	53.5	0.6	1.2%
66.7%	52.8	53.4	0.6	1.1%
67.9%	52.8	53.4	0.6	1.1%
69.1%	52.7	53.4	0.6	1.2%
70.4%	52.7	53.0	0.3	0.6%
71.6%	52.7	52.9	0.3	0.5%
72.8%	52.5	52.9	0.4	0.8%
74.1%	52.3	52.8	0.5	1.0%
75.3%	52.2	52.8	0.6	1.1%
76.5%	52.2	52.7	0.5	1.0%
77.8%	52.1	52.7	0.5	1.0%
79.0%	52.1	52.6	0.5	0.9%
80.2%	51.9	52.5	0.6	1.1%
81.5%	51.8	52.2	0.5	0.9%
82.7%	51.7	52.1	0.4	0.8%
84.0%	51.5	52.0	0.5	0.9%
85.2%	51.5	51.9	0.5	0.9%
86.4%	51.3	51.8	0.4	0.9%
87.7%	51.3	51.7	0.5	0.9%
88.9%	51.2	51.7	0.5	1.0%
90.1%	51.1	51.5	0.4	0.8%
91.4%	51.0	51.4	0.4	0.7%
92.6%	51.0	51.3	0.3	0.7%
93.8%	50.9	51.2	0.3	0.6%
95.1%	50.9	51.0	0.1	0.1%
96.3%	50.8	50.9	0.1	0.2%
97.5%	50.4	50.4	-0.1	-0.1%
98.8%	49.9	49.8	-0.1	-0.2%
100.0%	48.5	48.5	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.1	59.9	-0.2	-0.3%
1.2%	60.1	59.6	-0.5	-0.8%
2.5%	59.6	59.3	-0.3	-0.5%
3.7%	59.6	59.2	-0.4	-0.7%
4.9%	59.3	59.0	-0.3	-0.6%
6.2%	59.2	58.6	-0.6	-1.0%
7.4%	58.7	58.4	-0.3	-0.5%
8.6%	58.6	58.2	-0.4	-0.7%
9.9%	58.4	58.2	-0.2	-0.3%
11.1%	58.4	58.2	-0.2	-0.3%
12.3%	58.3	58.1	-0.2	-0.3%
13.6%	58.1	58.1	0.0	0.0%
14.8%	58.0	58.0	0.0	0.0%
16.0%	57.9	58.0	0.1	0.2%
17.3%	57.8	57.9	0.1	0.2%
18.5%	57.8	57.9	0.1	0.2%
19.8%	57.7	57.8	0.1	0.1%
21.0%	57.7	57.7	0.1	0.1%
22.2%	57.7	57.6	-0.1	-0.1%
23.5%	57.7	57.6	-0.1	-0.1%
24.7%	57.6	57.5	-0.1	-0.2%
25.9%	57.6	57.4	-0.2	-0.3%
27.2%	57.5	57.3	-0.2	-0.3%
28.4%	57.5	57.3	-0.1	-0.3%
29.6%	57.5	57.2	-0.2	-0.4%
30.9%	57.2	57.2	0.0	-0.1%
32.1%	57.1	57.1	0.0	0.0%
33.3%	57.1	57.1	0.0	0.0%
34.6%	57.1	57.0	-0.1	-0.1%
35.8%	56.9	57.0	0.1	0.2%
37.0%	56.9	57.0	0.1	0.2%
38.3%	56.8	56.9	0.1	0.2%
39.5%	56.8	56.9	0.1	0.2%
40.7%	56.7	56.8	0.1	0.2%
42.0%	56.7	56.8	0.2	0.3%
43.2%	56.7	56.7	0.1	0.1%
44.4%	56.7	56.6	0.0	0.0%
45.7%	56.5	56.6	0.1	0.2%
46.9%	56.4	56.6	0.1	0.2%
48.1%	56.4	56.5	0.1	0.2%
49.4%	56.3	56.4	0.1	0.2%
50.6%	56.3	56.4	0.1	0.3%
51.9%	56.2	56.4	0.2	0.3%
53.1%	56.2	56.3	0.1	0.2%
54.3%	56.2	56.3	0.1	0.2%
55.6%	56.1	56.3	0.2	0.3%
56.8%	56.1	56.2	0.1	0.2%
58.0%	56.0	56.2	0.2	0.3%
59.3%	56.0	56.1	0.2	0.3%
60.5%	55.9	56.1	0.2	0.3%
61.7%	55.9	56.0	0.2	0.3%
63.0%	55.9	56.0	0.2	0.3%
64.2%	55.8	56.0	0.2	0.3%
65.4%	55.8	56.0	0.2	0.3%
66.7%	55.8	56.0	0.2	0.3%
67.9%	55.6	56.0	0.4	0.7%
69.1%	55.5	55.9	0.4	0.8%
70.4%	55.5	55.9	0.4	0.7%
71.6%	55.4	55.9	0.5	0.8%
72.8%	55.4	55.9	0.5	0.9%
74.1%	55.1	55.9	0.7	1.3%
75.3%	55.1	55.8	0.7	1.3%
76.5%	55.0	55.7	0.7	1.3%
77.8%	55.0	55.6	0.6	1.1%
79.0%	55.0	55.5	0.6	1.0%
80.2%	55.0	55.5	0.5	1.0%
81.5%	54.9	55.5	0.5	1.0%
82.7%	54.9	55.5	0.6	1.0%
84.0%	54.8	55.3	0.4	0.8%
85.2%	54.8	55.1	0.3	0.5%
86.4%	54.8	55.1	0.3	0.5%
87.7%	54.8	55.0	0.3	0.5%
88.9%	54.7	54.8	0.0	0.1%
90.1%	54.6	54.7	0.1	0.1%
91.4%	54.5	54.5	0.0	0.1%
92.6%	54.4	54.2	-0.2	-0.4%
93.8%	54.2	54.1	-0.1	-0.1%
95.1%	53.8	53.9	0.2	0.3%
96.3%	53.8	53.7	0.0	-0.1%
97.5%	53.8	53.7	-0.1	-0.2%
98.8%	53.6	53.6	0.0	0.0%
100.0%	52.6	52.5	-0.1	-0.2%

Table SQ-06-7b

Sacramento River at Red Bluff, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	61.1	60.3	-0.7	-1.1%
1.2%	61.0	60.3	-0.7	-1.2%
2.5%	59.9	59.5	-0.4	-0.7%
3.7%	59.5	59.5	0.0	0.1%
4.9%	59.4	59.3	-0.1	-0.2%
6.2%	59.1	59.1	-0.1	-0.1%
7.4%	59.0	59.1	0.1	0.1%
8.6%	58.9	58.8	-0.1	-0.2%
9.9%	58.8	58.8	0.0	0.0%
11.1%	58.5	58.7	0.2	0.3%
12.3%	58.4	58.6	0.2	0.3%
13.6%	58.3	58.6	0.3	0.6%
14.8%	58.2	58.2	0.1	0.1%
16.0%	58.2	58.1	-0.1	-0.2%
17.3%	58.0	58.0	0.0	0.0%
18.5%	57.9	57.9	0.0	0.0%
19.8%	57.9	57.9	0.0	0.0%
21.0%	57.9	57.9	0.0	0.0%
22.2%	57.7	57.7	0.0	-0.1%
23.5%	57.7	57.6	-0.1	-0.2%
24.7%	57.5	57.6	0.0	0.0%
25.9%	57.5	57.5	0.0	0.1%
27.2%	57.5	57.5	0.0	-0.1%
28.4%	57.5	57.4	-0.1	-0.1%
29.6%	57.5	57.4	-0.1	-0.2%
30.9%	57.5	57.4	-0.1	-0.2%
32.1%	57.4	57.3	-0.1	-0.2%
33.3%	57.4	57.3	0.0	0.0%
34.6%	57.3	57.3	0.0	0.0%
35.8%	57.3	57.3	0.0	0.0%
37.0%	57.3	57.2	0.0	0.0%
38.3%	57.2	57.2	0.0	0.0%
39.5%	57.2	57.2	0.0	0.0%
40.7%	57.1	57.2	0.0	0.1%
42.0%	57.1	57.1	0.0	0.0%
43.2%	57.0	57.0	0.0	0.0%
44.4%	57.0	57.0	0.0	0.1%
45.7%	57.0	57.0	0.0	0.1%
46.9%	57.0	57.0	0.0	0.1%
48.1%	56.9	57.0	0.1	0.1%
49.4%	56.9	56.9	0.1	0.1%
50.6%	56.8	56.9	0.1	0.2%
51.9%	56.8	56.9	0.1	0.2%
53.1%	56.8	56.9	0.1	0.1%
54.3%	56.8	56.8	0.1	0.1%
55.6%	56.8	56.8	0.1	0.1%
56.8%	56.6	56.8	0.2	0.3%
58.0%	56.6	56.8	0.2	0.3%
59.3%	56.6	56.8	0.2	0.4%
60.5%	56.6	56.8	0.2	0.3%
61.7%	56.6	56.8	0.2	0.4%
63.0%	56.6	56.7	0.2	0.3%
64.2%	56.5	56.6	0.1	0.2%
65.4%	56.5	56.6	0.1	0.1%
66.7%	56.5	56.6	0.1	0.1%
67.9%	56.4	56.6	0.1	0.2%
69.1%	56.4	56.6	0.2	0.3%
70.4%	56.3	56.5	0.2	0.3%
71.6%	56.3	56.5	0.2	0.3%
72.8%	56.2	56.5	0.3	0.5%
74.1%	56.2	56.4	0.2	0.4%
75.3%	56.2	56.4	0.2	0.4%
76.5%	56.1	56.3	0.2	0.3%
77.8%	56.1	56.3	0.1	0.3%
79.0%	56.1	56.2	0.1	0.1%
80.2%	56.1	56.1	0.0	0.1%
81.5%	56.1	56.1	0.1	0.1%
82.7%	56.0	56.1	0.1	0.1%
84.0%	56.0	56.1	0.1	0.1%
85.2%	56.0	56.1	0.0	0.0%
86.4%	56.0	56.0	0.0	0.0%
87.7%	56.0	56.0	0.0	0.1%
88.9%	56.0	56.0	0.0	0.0%
90.1%	55.9	55.9	0.1	0.1%
91.4%	55.7	55.9	0.1	0.2%
92.6%	55.6	55.7	0.2	0.3%
93.8%	55.5	55.7	0.2	0.3%
95.1%	55.3	55.6	0.3	0.6%
96.3%	55.0	55.4	0.4	0.8%
97.5%	55.0	55.3	0.3	0.6%
98.8%	54.9	54.9	0.1	0.1%
100.0%	54.8	54.7	0.0	0.0%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	63.6	62.8	-0.8	-1.2%
1.2%	62.4	62.1	-0.3	-0.5%
2.5%	61.8	61.8	0.0	0.0%
3.7%	61.4	61.2	-0.1	-0.2%
4.9%	61.3	60.6	-0.7	-1.1%
6.2%	61.2	60.6	-0.5	-0.9%
7.4%	61.0	60.5	-0.5	-0.8%
8.6%	60.8	60.3	-0.5	-0.9%
9.9%	60.2	60.2	0.0	0.1%
11.1%	60.1	59.7	-0.4	-0.6%
12.3%	60.0	59.6	-0.5	-0.8%
13.6%	59.7	59.4	-0.3	-0.5%
14.8%	59.5	59.4	-0.1	-0.2%
16.0%	59.4	59.3	-0.1	-0.1%
17.3%	59.3	59.1	-0.3	-0.5%
18.5%	59.2	59.0	-0.2	-0.4%
19.8%	59.0	58.9	-0.1	-0.2%
21.0%	58.9	58.8	-0.1	-0.2%
22.2%	58.9	58.8	-0.1	-0.1%
23.5%	58.8	58.8	-0.1	-0.1%
24.7%	58.7	58.8	0.1	0.2%
25.9%	58.5	58.7	0.2	0.3%
27.2%	58.5	58.7	0.2	0.3%
28.4%	58.5	58.6	0.1	0.2%
29.6%	58.5	58.5	0.0	0.0%
30.9%	58.5	58.4	-0.1	-0.1%
32.1%	58.5	58.3	-0.1	-0.3%
33.3%	58.4	58.2	-0.2	-0.4%
34.6%	58.3	58.2	-0.1	-0.2%
35.8%	58.2	58.1	-0.1	-0.2%
37.0%	58.1	58.1	-0.1	-0.1%
38.3%	58.1	58.0	-0.1	-0.1%
39.5%	58.1	58.0	0.0	-0.1%
40.7%	58.0	58.0	0.0	0.0%
42.0%	58.0	58.0	0.0	0.0%
43.2%	57.9	57.8	-0.1	-0.1%
44.4%	57.9	57.8	-0.1	-0.2%
45.7%	57.8	57.8	-0.1	-0.1%
46.9%	57.7	57.8	0.1	0.2%
48.1%	57.6	57.7	0.1	0.2%
49.4%	57.5	57.6	0.1	0.2%
50.6%	57.5	57.5	0.1	0.1%
51.9%	57.4	57.5	0.1	0.3%
53.1%	57.3	57.5	0.2	0.3%
54.3%	57.2	57.4	0.2	0.4%
55.6%	57.2	57.4	0.3	0.5%
56.8%	57.1	57.4	0.3	0.4%
58.0%	57.1	57.3	0.3	0.5%
59.3%	57.0	57.2	0.2	0.4%
60.5%	57.0	57.2	0.2	0.4%
61.7%	57.0	57.2	0.2	0.3%
63.0%	57.0	57.1	0.0	0.1%
64.2%	57.0	57.1	0.1	0.1%
65.4%	57.0	57.0	0.1	0.1%
66.7%	56.9	57.0	0.1	0.2%
67.9%	56.9	57.0	0.1	0.2%
69.1%	56.8	57.0	0.2	0.3%
70.4%	56.8	56.9	0.2	0.3%
71.6%	56.8	56.9	0.2	0.3%
72.8%	56.7	56.9	0.2	0.3%
74.1%	56.7	56.9	0.2	0.3%
75.3%	56.7	56.8	0.1	0.2%
76.5%	56.7	56.8	0.2	0.3%
77.8%	56.7	56.8	0.2	0.3%
79.0%	56.6	56.8	0.2	0.3%
80.2%	56.6	56.7	0.1	0.2%
81.5%	56.6	56.7	0.1	0.2%
82.7%	56.6	56.5	-0.1	-0.1%
84.0%	56.5	56.4	-0.1	-0.3%
85.2%	56.5	56.4	-0.1	-0.2%
86.4%	56.4	56.3	-0.1	-0.3%
87.7%	56.4	56.3	-0.1	-0.2%
88.9%	56.3	56.2	-0.1	-0.2%
90.1%	56.3	56.2	-0.1	-0.1%
91.4%	56.1	56.2	0.1	0.2%
92.6%	56.0	56.1	0.1	0.1%
93.8%	55.9	55.8	0.0	-0.1%
95.1%	55.8	55.8	0.0	0.0%
96.3%	55.8	55.6	-0.2	-0.3%
97.5%	55.8	55.5	-0.2	-0.4%
98.8%	55.7	55.5	-0.2	-0.4%
100.0%	55.6	55.2	-0.4	-0.7%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.6	66.6	-1.0	-1.5%
1.2%	67.3	62.8	-4.5	-6.6%
2.5%	66.3	62.5	-3.7	-5.6%
3.7%	65.0	61.3	-3.7	-5.7%
4.9%	62.6	60.8	-1.8	-2.8%
6.2%	62.3	60.6	-1.7	-2.7%
7.4%	61.9	60.3	-1.6	-2.6%
8.6%	61.0	60.1	-0.9	-1.5%
9.9%	60.7	60.1	-0.6	-1.0%
11.1%	60.4	60.0	-0.4	-0.7%
12.3%	60.4	59.8	-0.6	-1.0%
13.6%	60.3	59.8	-0.5	-0.9%
14.8%	60.0	59.7	-0.3	-0.6%
16.0%	60.0	59.6	-0.5	-0.8%
17.3%	59.8	59.6	-0.2	-0.3%
18.5%	59.6	59.5	-0.1	-0.2%
19.8%	59.6	59.4	-0.2	-0.4%
21.0%	59.5	59.2	-0.3	-0.5%
22.2%	59.3	59.2	-0.1	-0.2%
23.5%	59.3	59.0	-0.3	-0.5%
24.7%	59.2	58.9	-0.3	-0.5%
25.9%	59.2	58.9	-0.3	-0.5%
27.2%	59.1	58.9	-0.2	-0.4%
28.4%	59.1	58.8	-0.3	-0.4%
29.6%	58.8	58.7	-0.2	-0.3%
30.9%	58.8	58.7	-0.1	-0.2%
32.1%	58.8	58.7	-0.1	-0.2%
33.3%	58.8	58.6	-0.2	-0.3%
34.6%	58.7	58.6	-0.1	-0.1%
35.8%	58.7	58.6	-0.1	-0.1%
37.0%	58.6	58.6	0.0	-0.1%
38.3%	58.6	58.5	0.0	-0.1%
39.5%	58.6	58.5	-0.1	-0.2%
40.7%	58.6	58.5	-0.1	-0.2%
42.0%	58.4	58.4	0.1	0.1%
43.2%	58.3	58.4	0.1	0.2%
44.4%	58.3	58.4	0.1	0.1%
45.7%	58.3	58.4	0.1	0.1%
46.9%	58.3	58.4	0.1	0.1%
48.1%	58.3	58.3	0.0	0.0%
49.4%	58.3	58.2	0.0	0.0%
50.6%	58.2	58.2	0.0	-0.1%
51.9%	58.2	58.1	-0.1	-0.1%
53.1%	58.2	58.1	-0.1	-0.2%
54.3%	58.2	58.1	-0.1	-0.1%
55.6%	58.1	58.1	0.0	0.0%
56.8%	58.1	58.1	0.0	0.1%
58.0%	58.1	58.1	0.0	0.1%
59.3%	58.0	58.1	0.1	0.2%
60.5%	58.0	58.1	0.1	0.2%
61.7%	57.9	58.0	0.1	0.1%
63.0%	57.9	58.0	0.1	0.1%
64.2%	57.9	58.0	0.0	0.1%
65.4%	57.9	57.9	0.0	0.0%
66.7%	57.9	57.9	0.0	0.1%
67.9%	57.9	57.9	0.0	0.0%
69.1%	57.9	57.9	0.0	0.0%
70.4%	57.8	57.8	0.0	0.0%
71.6%	57.8	57.8	-0.1	-0.1%
72.8%	57.7	57.7	0.0	0.1%
74.1%	57.7	57.6	-0.1	-0.1%
75.3%	57.7	57.6	-0.1	-0.1%
76.5%	57.7	57.6	-0.1	-0.1%
77.8%	57.6	57.4	-0.2	-0.3%
79.0%	57.5	57.4	-0.1	-0.2%
80.2%	57.5	57.4	-0.1	-0.1%
81.5%	57.4	57.3	-0.1	-0.2%
82.7%	57.4	57.3	-0.1	-0.1%
84.0%	57.4	57.2	-0.1	-0.2%
85.2%	57.3	57.2	-0.1	-0.2%
86.4%	57.2	57.1	-0.2	-0.3%
87.7%	57.2	57.1	-0.2	-0.3%
88.9%	57.2	57.0	-0.2	-0.4%
90.1%	56.9	57.0	0.1	0.1%
91.4%	56.9	56.9	0.1	0.1%
92.6%	56.8	56.9	0.1	0.2%
93.8%	56.6	56.9	0.3	0.5%
95.1%	56.5	56.9	0.3	0.6%
96.3%	56.3	56.7	0.4	0.7%
97.5%	56.2	56.5	0.3	0.5%
98.8%	56.0	56.4	0.4	0.7%
100.0%	55.9	56.4	0.5	1.0%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.0	65.9	-1.2	-1.7%
1.2%	65.6	65.1	-0.5	-0.8%
2.5%	65.5	64.9	-0.7	-1.0%
3.7%	65.1	64.5	-0.7	-1.1%
4.9%	64.9	64.0	-0.9	-1.3%
6.2%	64.8	62.8	-2.0	-3.1%
7.4%	64.4	62.4	-2.0	-3.1%
8.6%	63.7	61.9	-1.8	-2.9%
9.9%	62.4	61.9	-0.5	-0.8%
11.1%	61.6	61.4	-0.2	-0.4%
12.3%	61.5	61.1	-0.4	-0.6%
13.6%	61.4	61.1	-0.3	-0.5%
14.8%	61.3	60.6	-0.7	-1.1%
16.0%	61.1	60.4	-0.7	-1.2%
17.3%	60.8	60.4	-0.4	-0.6%
18.5%	60.6	60.1	-0.5	-0.9%
19.8%	60.5	60.1	-0.5	-0.8%
21.0%	60.5	59.9	-0.6	-1.0%
22.2%	60.2	59.9	-0.4	-0.6%
23.5%	60.2	59.6	-0.6	-1.0%
24.7%	60.0	59.3	-0.6	-1.1%
25.9%	59.9	59.3	-0.6	-1.0%
27.2%	59.5	59.2	-0.3	-0.5%
28.4%	59.4	59.1	-0.3	-0.5%
29.6%	59.4	59.0	-0.4	-0.6%
30.9%	59.4	58.9	-0.5	-0.8%
32.1%	59.3	58.9	-0.4	-0.7%
33.3%	59.3	58.9	-0.4	-0.7%
34.6%	59.3	58.8	-0.4	-0.8%
35.8%	59.2	58.7	-0.5	-0.8%
37.0%	59.2	58.7	-0.5	-0.8%
38.3%	59.1	58.7	-0.5	-0.8%
39.5%	59.0	58.6	-0.4	-0.6%
40.7%	59.0	58.6	-0.4	-0.7%
42.0%	59.0	58.5	-0.5	-0.9%
43.2%	59.0	58.4	-0.5	-0.9%
44.4%	59.0	58.4	-0.5	-0.9%
45.7%	58.8	58.4	-0.4	-0.6%
46.9%	58.7	58.4	-0.3	-0.5%
48.1%	58.6	58.4	-0.3	-0.5%
49.4%	58.5	58.3	-0.3	-0.5%
50.6%	58.5	58.3	-0.2	-0.4%
51.9%	58.4	58.2	-0.1	-0.2%
53.1%	58.4	58.2	-0.1	-0.2%
54.3%	58.3	58.2	-0.1	-0.2%
55.6%	58.3	58.1	-0.1	-0.2%
56.8%	58.2	58.1	0.0	-0.1%
58.0%	58.2	57.8	-0.4	-0.7%
59.3%	58.1	57.7	-0.4	-0.7%
60.5%	58.0	57.7	-0.3	-0.6%
61.7%	57.9	57.6	-0.3	-0.5%
63.0%	57.7	57.6	-0.1	-0.2%
64.2%	57.7	57.6	-0.1	-0.2%
65.4%	57.7	57.6	-0.1	-0.2%
66.7%	57.6	57.5	-0.1	-0.3%
67.9%	57.6	57.4	-0.1	-0.2%
69.1%	57.4	57.3	-0.1	-0.1%
70.4%	57.0	57.3	0.3	0.6%
71.6%	57.0	57.3	0.3	0.5%
72.8%	56.9	57.2	0.3	0.4%
74.1%	56.9	57.2	0.3	0.4%
75.3%	56.8	57.1	0.3	0.5%
76.5%	56.8	56.9	0.1	0.2%
77.8%	56.8	56.8	0.0	0.0%
79.0%	56.8	56.8	0.0	0.0%
80.2%	56.7	56.7	0.0	0.0%
81.5%	56.7	56.7	0.0	0.0%
82.7%	56.7	56.6	0.0	0.0%
84.0%	56.6	56.6	0.0	0.0%
85.2%	56.6	56.6	0.0	0.0%
86.4%	56.5	56.5	0.0	0.0%
87.7%	56.2	56.3	0.0	0.0%
88.9%	56.2	56.3	0.0	0.0%
90.1%	56.2	56.2	0.0	0.0%
91.4%	56.2	56.0	-0.2	-0.3%
92.6%	56.1	55.9	-0.2	-0.3%
93.8%	56.1	55.7	-0.4	-0.7%
95.1%	56.0	55.5	-0.5	-1.0%
96.3%	55.9	54.8	-1.1	-1.9%
97.5%	55.6	54.8	-0.8	-1.4%
98.8%	54.5	54.7	0.2	0.4%
100.0%	54.3	54.5	0.2	0.4%

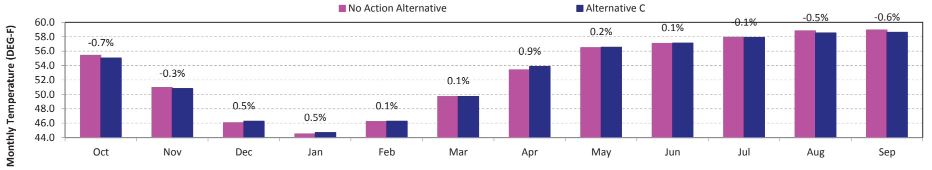
Table SQ-07-7a
Sacramento River below Red Bluff, Monthly Temperature
Long-term Average and Average by Water Year Type

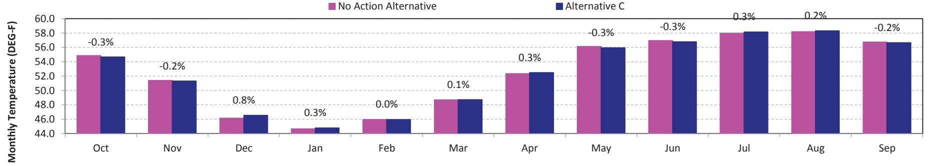
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	55.4	51.0	46.1	44.5	46.2	49.7	53.4	56.5	57.1	57.9	58.8	59.0
Alternative C	55.1	50.8	46.3	44.7	46.3	49.7	53.9	56.6	57.1	57.9	58.5	58.6
Difference	-0.4	-0.2	0.2	0.2	0.0	0.0	0.5	0.1	0.0	0.0	-0.3	-0.3
Percent Difference[3]	-0.7%	-0.3%	0.5%	0.5%	0.1%	0.1%	0.9%	0.2%	0.1%	-0.1%	-0.5%	-0.6%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	54.8	51.4	46.1	44.6	45.9	48.7	52.3	56.1	56.9	58.0	58.2	56.7
Alternative C	54.7	51.3	46.5	44.8	46.0	48.7	52.5	55.9	56.8	58.1	58.3	56.7
Difference	-0.2	-0.1	0.4	0.1	0.0	0.0	0.1	-0.2	-0.2	0.2	0.1	-0.1
Percent Difference	-0.3%	-0.2%	0.8%	0.3%	0.0%	0.1%	0.3%	-0.3%	-0.3%	0.3%	0.2%	-0.2%
Above Normal (15%)												
No Action Alternative	54.5	50.7	46.5	44.8	46.3	49.9	53.8	57.1	56.4	56.9	58.3	58.0
Alternative C	54.2	50.7	46.9	45.0	46.3	49.9	54.1	56.8	56.7	56.9	58.4	58.2
Difference	-0.3	0.0	0.4	0.2	0.0	0.0	0.3	-0.3	0.2	0.0	0.1	0.1
Percent Difference	-0.6%	-0.1%	0.8%	0.5%	0.0%	0.0%	0.6%	-0.5%	0.4%	0.0%	0.2%	0.2%
Below Normal (17%)												
No Action Alternative	54.2	50.4	46.4	44.3	45.9	49.6	53.9	56.6	56.7	57.3	57.9	59.0
Alternative C	53.9	50.3	46.5	44.5	45.9	49.6	54.5	56.8	56.8	57.2	58.0	58.6
Difference	-0.3	-0.1	0.1	0.2	0.0	0.0	0.6	0.2	0.1	-0.1	0.1	-0.4
Percent Difference	-0.6%	-0.2%	0.2%	0.4%	0.0%	0.0%	1.1%	0.4%	0.2%	-0.2%	0.2%	-0.7%
Dry (22%)												
No Action Alternative	55.7	51.1	46.0	44.3	46.4	50.4	54.1	56.2	57.1	57.5	58.6	60.0
Alternative C	55.2	50.7	46.0	44.7	46.4	50.4	54.8	56.5	57.4	57.5	58.2	59.4
Difference	-0.5	-0.3	0.0	0.4	0.0	0.1	0.7	0.3	0.2	0.1	-0.4	-0.6
Percent Difference	-0.9%	-0.6%	0.0%	0.8%	0.0%	0.1%	1.3%	0.6%	0.4%	0.1%	-0.7%	-1.0%
Critical (15%)												
No Action Alternative	58.6	50.7	45.2	44.3	47.1	50.8	53.7	56.9	58.4	60.5	62.0	63.1
Alternative C	57.9	50.4	45.4	44.5	47.2	50.9	54.6	57.5	58.4	59.9	60.1	62.2
Difference	-0.7	-0.3	0.2	0.2	0.1	0.1	0.9	0.6	0.0	-0.6	-1.9	-0.9
Percent Difference	-1.2%	-0.6%	0.5%	0.4%	0.2%	0.2%	1.7%	1.1%	0.0%	-1.0%	-3.0%	-1.5%

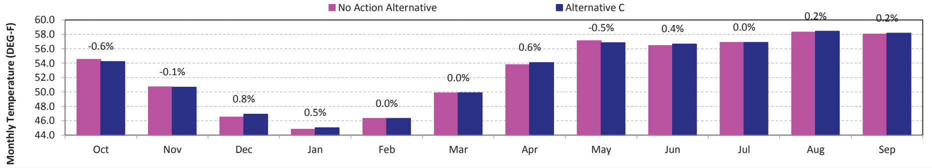
1 Based on the 82-year simulation period

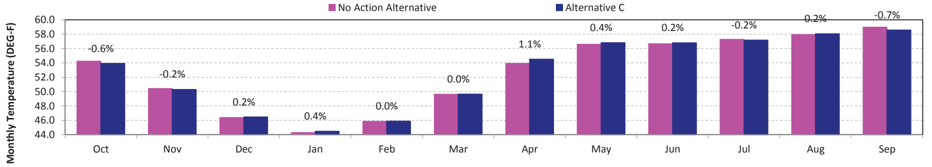
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

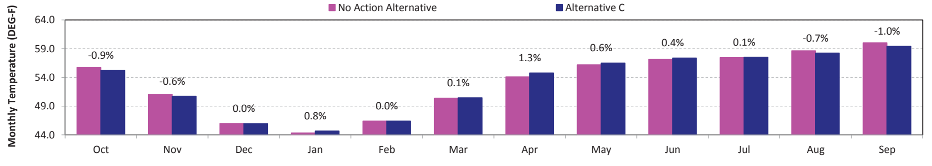
3 Relative difference of the monthly average


Sacramento River below Red Bluff, Monthly Temperature
Full Simulation Period


Sacramento River below Red Bluff, Monthly Temperature
Wet Water Year Types (32%)


Sacramento River below Red Bluff, Monthly Temperature
Above Normal Water Year Types (15%)


Sacramento River below Red Bluff, Monthly Temperature
Below Normal Water Year Types (17%)


Sacramento River below Red Bluff, Monthly Temperature
Dry Water Year Types (22%)

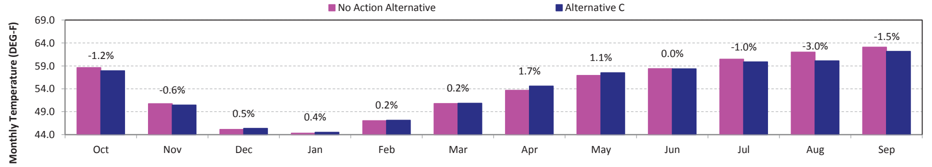

Sacramento River below Red Bluff, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-07-7b
Sacramento River below Red Bluff, Monthly Temperature
Probability of Exceedance

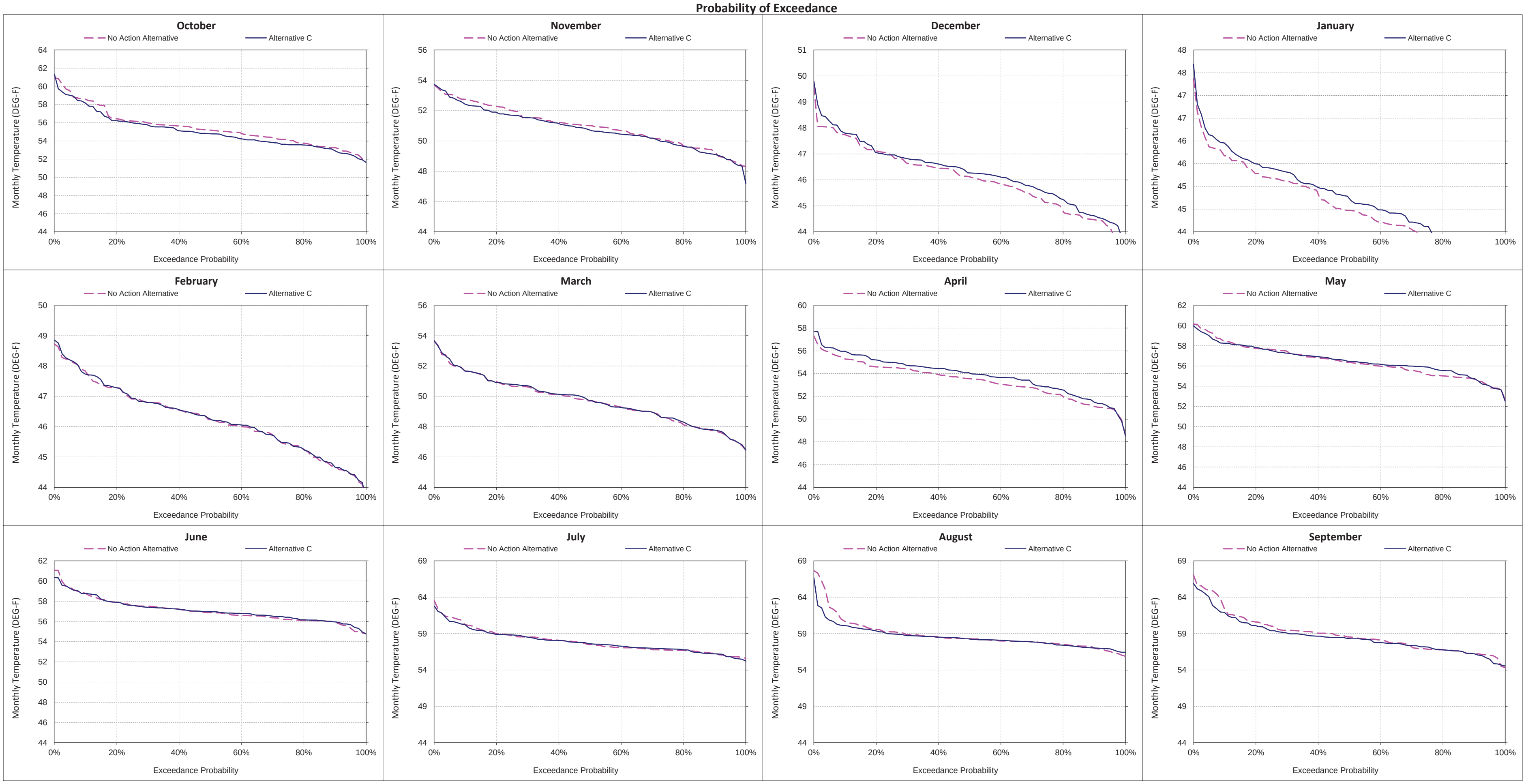


Table SQ-07-7b

Sacramento River below Red Bluff, Monthly Temperature
Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.9	61.3	0.4	0.7%
1.2%	60.9	59.7	-1.1	-1.8%
2.5%	60.3	59.4	-0.9	-1.5%
3.7%	59.7	59.1	-0.6	-1.0%
4.9%	59.5	59.0	-0.5	-0.9%
6.2%	58.8	58.9	0.1	0.2%
7.4%	58.7	58.5	-0.3	-0.5%
8.6%	58.6	58.4	-0.2	-0.4%
9.9%	58.6	58.2	-0.4	-0.7%
11.1%	58.4	57.8	-0.6	-1.0%
12.3%	58.4	57.8	-0.6	-1.0%
13.6%	58.0	57.2	-0.8	-1.4%
14.8%	57.9	57.2	-0.7	-1.2%
16.0%	57.9	56.7	-1.2	-2.0%
17.3%	56.7	56.6	-0.2	-0.3%
18.5%	56.5	56.2	-0.2	-0.4%
19.8%	56.4	56.2	-0.2	-0.4%
21.0%	56.4	56.2	-0.2	-0.4%
22.2%	56.3	56.1	-0.1	-0.2%
23.5%	56.2	56.1	-0.1	-0.2%
24.7%	56.2	56.0	-0.2	-0.4%
25.9%	56.2	55.9	-0.2	-0.4%
27.2%	56.1	55.9	-0.2	-0.4%
28.4%	56.1	55.8	-0.3	-0.5%
29.6%	56.0	55.8	-0.2	-0.4%
30.9%	55.9	55.6	-0.3	-0.5%
32.1%	55.9	55.5	-0.3	-0.6%
33.3%	55.8	55.5	-0.2	-0.4%
34.6%	55.8	55.5	-0.2	-0.4%
35.8%	55.8	55.5	-0.2	-0.4%
37.0%	55.7	55.5	-0.2	-0.4%
38.3%	55.7	55.4	-0.3	-0.5%
39.5%	55.6	55.1	-0.5	-0.9%
40.7%	55.6	55.1	-0.5	-1.0%
42.0%	55.6	55.1	-0.5	-0.9%
43.2%	55.6	55.1	-0.5	-0.9%
44.4%	55.4	55.0	-0.4	-0.8%
45.7%	55.3	54.9	-0.4	-0.7%
46.9%	55.3	54.8	-0.4	-0.8%
48.1%	55.2	54.8	-0.4	-0.7%
49.4%	55.2	54.8	-0.4	-0.7%
50.6%	55.2	54.8	-0.4	-0.7%
51.9%	55.1	54.8	-0.4	-0.7%
53.1%	55.1	54.7	-0.3	-0.6%
54.3%	55.0	54.6	-0.5	-0.9%
55.6%	55.0	54.5	-0.5	-1.0%
56.8%	55.0	54.5	-0.5	-0.9%
58.0%	55.0	54.4	-0.6	-1.0%
59.3%	54.9	54.3	-0.7	-1.2%
60.5%	54.8	54.2	-0.5	-1.0%
61.7%	54.7	54.1	-0.6	-1.0%
63.0%	54.6	54.1	-0.5	-0.9%
64.2%	54.6	54.1	-0.5	-0.9%
65.4%	54.5	54.0	-0.5	-1.0%
66.7%	54.5	54.0	-0.5	-1.0%
67.9%	54.4	53.9	-0.5	-0.9%
69.1%	54.4	53.9	-0.5	-1.0%
70.4%	54.4	53.8	-0.5	-1.0%
71.6%	54.2	53.8	-0.4	-0.8%
72.8%	54.2	53.6	-0.5	-1.0%
74.1%	54.2	53.6	-0.6	-1.0%
75.3%	54.0	53.6	-0.5	-0.9%
76.5%	54.0	53.6	-0.5	-0.9%
77.8%	53.8	53.6	-0.3	-0.5%
79.0%	53.7	53.6	-0.2	-0.3%
80.2%	53.7	53.6	-0.2	-0.4%
81.5%	53.7	53.5	-0.1	-0.3%
82.7%	53.5	53.5	-0.1	-0.1%
84.0%	53.4	53.3	-0.1	-0.2%
85.2%	53.4	53.3	-0.1	-0.1%
86.4%	53.4	53.2	-0.2	-0.3%
87.7%	53.3	53.1	-0.2	-0.3%
88.9%	53.3	53.1	-0.1	-0.3%
90.1%	53.3	52.9	-0.4	-0.7%
91.4%	53.1	52.7	-0.4	-0.8%
92.6%	52.9	52.6	-0.3	-0.5%
93.8%	52.9	52.6	-0.3	-0.5%
95.1%	52.7	52.5	-0.2	-0.4%
96.3%	52.5	52.3	-0.2	-0.4%
97.5%	52.4	52.0	-0.4	-0.8%
98.8%	52.0	51.9	-0.1	-0.2%
100.0%	51.8	51.6	0.0	-0.3%

November				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.7	53.7	0.0	0.1%
1.2%	53.5	53.6	0.1	0.1%
2.5%	53.2	53.4	0.1	0.3%
3.7%	53.1	53.3	0.2	0.4%
4.9%	53.1	52.9	-0.2	-0.3%
6.2%	53.0	52.8	-0.2	-0.4%
7.4%	52.9	52.7	-0.2	-0.4%
8.6%	52.8	52.6	-0.2	-0.3%
9.9%	52.7	52.4	-0.3	-0.6%
11.1%	52.7	52.3	-0.4	-0.7%
12.3%	52.6	52.3	-0.3	-0.6%
13.6%	52.6	52.3	-0.3	-0.6%
14.8%	52.5	52.3	-0.2	-0.5%
16.0%	52.4	52.0	-0.4	-0.7%
17.3%	52.4	52.0	-0.3	-0.7%
18.5%	52.3	51.9	-0.4	-0.8%
19.8%	52.3	51.9	-0.4	-0.8%
21.0%	52.2	51.8	-0.5	-0.9%
22.2%	52.2	51.8	-0.4	-0.8%
23.5%	52.1	51.7	-0.3	-0.7%
24.7%	52.0	51.7	-0.3	-0.6%
25.9%	52.0	51.7	-0.3	-0.5%
27.2%	51.9	51.7	-0.3	-0.5%
28.4%	51.5	51.6	0.0	0.0%
29.6%	51.5	51.5	0.0	0.0%
30.9%	51.5	51.5	0.0	0.0%
32.1%	51.5	51.5	0.0	0.0%
33.3%	51.5	51.4	-0.1	-0.3%
34.6%	51.5	51.4	-0.1	-0.2%
35.8%	51.3	51.3	-0.1	-0.1%
37.0%	51.3	51.2	-0.1	-0.2%
38.3%	51.2	51.2	0.0	-0.1%
39.5%	51.2	51.2	0.0	-0.1%
40.7%	51.2	51.1	-0.1	-0.3%
42.0%	51.2	51.0	-0.1	-0.3%
43.2%	51.1	51.0	-0.1	-0.2%
44.4%	51.1	51.0	-0.1	-0.3%
45.7%	51.1	50.9	-0.2	-0.4%
46.9%	51.1	50.9	-0.2	-0.3%
48.1%	51.0	50.8	-0.2	-0.4%
49.4%	51.0	50.7	-0.3	-0.5%
50.6%	51.0	50.7	-0.3	-0.6%
51.9%	50.9	50.6	-0.3	-0.6%
53.1%	50.9	50.6	-0.3	-0.6%
54.3%	50.9	50.6	-0.3	-0.6%
55.6%	50.9	50.6	-0.3	-0.7%
56.8%	50.8	50.5	-0.2	-0.5%
58.0%	50.7	50.5	-0.2	-0.4%
59.3%	50.7	50.5	-0.2	-0.5%
60.5%	50.7	50.4	-0.2	-0.4%
61.7%	50.6	50.4	-0.2	-0.5%
63.0%	50.5	50.4	-0.1	-0.2%
64.2%	50.4	50.4	-0.1	-0.2%
65.4%	50.4	50.4	-0.1	-0.2%
66.7%	50.4	50.3	-0.1	-0.2%
67.9%	50.3	50.3	0.0	0.0%
69.1%	50.2	50.2	0.0	-0.1%
70.4%	50.2	50.2	0.0	0.0%
71.6%	50.2	50.1	-0.1	-0.2%
72.8%	50.1	50.0	-0.1	-0.3%
74.1%	50.1	50.0	-0.1	-0.2%
75.3%	50.0	49.9	-0.1	-0.2%
76.5%	49.9	49.8	-0.1	-0.2%
77.8%	49.9	49.7	-0.2	-0.4%
79.0%	49.9	49.7	-0.2	-0.3%
80.2%	49.7	49.6	0.0	-0.1%
81.5%	49.6	49.6	0.0	-0.1%
82.7%	49.5	49.6	0.0	0.1%
84.0%	49.5	49.4	-0.1	-0.2%
85.2%	49.5	49.3	-0.3	-0.5%
86.4%	49.5	49.2	-0.3	-0.5%
87.7%	49.4	49.2	-0.3	-0.5%
88.9%	49.4	49.2	-0.3	-0.6%
90.1%	49.2	49.1	-0.1	-0.3%
91.4%	49.0	49.0	0.1	0.1%
92.6%	48.9	49.0	0.0	0.0%
93.8%	48.8	48.8	0.0	0.0%
95.1%	48.8	48.8	0.0	0.0%
96.3%	48.6	48.5	-0.1	-0.2%
97.5%	48.6	48.4	-0.2	-0.4%
98.8%	48.4	48.3	0.0	-0.1%
100.0%	48.3	47.2	-1.1	-2.4%

December				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	49.6	49.8	0.2	0.4%
1.2%	48.1	48.9	0.8	1.7%
2.5%	48.1	48.5	0.4	0.9%
3.7%	48.0	48.4	0.4	0.8%
4.9%	48.0	48.3	0.2	0.5%
6.2%	48.0	48.1	0.1	0.2%
7.4%	47.8	48.1	0.3	0.6%
8.6%	47.8	47.9	0.1	0.2%
9.9%	47.7	47.8	0.1	0.1%
11.1%	47.7	47.8	0.1	0.2%
12.3%	47.6	47.8	0.1	0.3%
13.6%	47.6	47.7	0.1	0.3%
14.8%	47.3	47.5	0.2	0.3%
16.0%	47.3	47.5	0.2	0.5%
17.3%	47.2	47.4	0.2	0.4%
18.5%	47.2	47.3	0.2	0.3%
19.8%	47.1	47.1	-0.1	-0.1%
21.0%	47.1	47.0	-0.1	-0.1%
22.2%	47.1	47.0	-0.1	-0.1%
23.5%	47.1	47.0	-0.1	-0.2%
24.7%	47.0	47.0	0.0	0.0%
25.9%	46.8	47.0	0.1	0.3%
27.2%	46.8	46.9	0.1	0.2%
28.4%	46.8	46.9	0.1	0.1%
29.6%	46.7	46.8	0.2	0.4%
30.9%	46.6	46.8	0.2	0.4%
32.1%	46.6	46.8	0.2	0.4%
33.3%	46.6	46.8	0.2	0.4%
34.6%	46.6	46.8	0.2	0.4%
35.8%	46.6	46.7	0.1	0.2%
37.0%	46.5	46.7	0.1	0.3%
38.3%	46.5	46.7	0.2	0.4%
39.5%	46.4	46.6	0.2	0.4%
40.7%	46.4	46.6	0.1	0.3%
42.0%	46.4	46.5	0.1	0.2%
43.2%	46.4	46.5	0.1	0.2%
44.4%	46.4	46.5	0.1	0.2%
45.7%	46.3	46.5	0.2	0.5%
46.9%	46.2	46.5	0.3	0.7%
48.1%	46.1	46.4	0.3	0.5%
49.4%	46.1	46.3	0.1	0.3%
50.6%	46.1	46.3	0.2	0.3%
51.9%	46.0	46.3	0.2	0.5%
53.1%	46.0	46.2	0.2	0.5%
54.3%	46.0	46.2	0.3	0.6%
55.6%	46.0	46.2	0.3	0.6%
56.8%	45.9	46.2	0.3	0.5%
58.0%	45.9	46.2	0.2	0.5%
59.3%	45.9	46.1	0.3	0.6%
60.5%	45.8	46.1	0.3	0.6%
61.7%	45.8	46.1	0.3	0.6%
63.0%	45.8	46.0	0.3	0.5%
64.2%	45.7	45.9	0.2	0.4%
65.4%	45.6	45.9	0.3	0.6%
66.7%	45.6	45.9	0.3	0.6%
67.9%	45.5	45.8	0.3	0.6%
69.1%	45.5	45.8	0.3	0.7%
70.4%	45.4	45.7	0.4	0.8%
71.6%	45.3	45.6	0.3	0.7%
72.8%	45.3	45.6	0.3	0.7%
74.1%	45.1	45.5	0.4	0.9%
75.3%	45.1	45.5	0.4	0.8%
76.5%	45.1	45.5	0.4	0.9%
77.8%	45.1	45.4	0.3	0.7%
79.0%	45.0	45.3	0.3	0.6%
80.2%	44.7	45.2	0.5	1.1%
81.5%	44.7	45.1	0.4	0.9%
82.7%	44.7	45.1	0.4	0.9%
84.0%	44.7	45.0	0.4	0.8%
85.2%	44.6	44.7	0.1	0.2%
86.4%	44.5	44.7	0.2	0.5%
87.7%	44.5	44.7	0.2	0.4%
88.9%	44.5	44.6	0.1	0.3%
90.1%	44.5	44.6	0.1	0.3%
91.4%	44.4	44.5	0.1	0.2%
92.6%	44.4	44.5	0.1	0.2%
93.8%	44.3	44.4	0.2	0.4%
95.1%	44.2	44.4	0.2	0.5%
96.3%	43.8	44.3	0.5	1.1%
97.5%	43.6	44.2	0.6	1.5%
98.8%	43.6	43.8	0.2	0.6%
100.0%	42.1	42.5	0.3	0.7%

January				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.4	47.7	0.3	0.7%
1.2%	46.6	46.8	0.2	0.3%
2.5%	46.3	46.6	0.3	0.6%
3.7%	46.1	46.3	0.2	0.4%
4.9%	45.9	46.1	0.3	0.6%
6.2%	45.8	46.1	0.3	0.6%
7.4%	45.8	46.0	0.2	0.4%
8.6%	45.8	46.0	0.2	0.4%
9.9%	45.7	46.0	0.3	0.6%
11.1%	45.7	45.9	0.2	0.5%
12.3%	45.6	45.8	0.2	0.4%
13.6%	45.6	45.7	0.1	0.3%
14.8%	45.6	45.7	0.1	0.2%
16.0%	45.5	45.6	0.1	0.2%
17.3%	45.4	45.6	0.2	0.4%
18.5%	45.4	45.5	0.2	0.4%
19.8%	45.3	45.5	0.2	0.5%
21.0%	45.3	45.5	0.2	0.5%
22.2%	45.2	45.4	0.2	0.5%
23.5%	45.2	45.4	0.2	0.5%
24.7%	45.2	45.4	0.2	0.5%
25.9%	45.2	45.4	0.2	0.5%
27.2%	45.2	45.4	0.2	0.5%
28.4%	45.1	45.3	0.2	0.5%
29.6%	45.1	45.3	0.2	0.5%
30.9%	45.1	45.3	0.2	0.5%
32.1%	45.1	45.3	0.2	0.4%
33.3%	45.1	45.1	0.1	0.2%
34.6%	45.0	45.1	0.1	0.2%
35.8%	45.0	45.1	0.1	0.1%
37.0%	45.0	45.1	0.1	0.2%
38.3%	44.9	45.0	0.1	0.2%
39.5%	44.9	45.0	0.1	0.2%
40.7%	44.7	45.0	0.2	0.6%
42.0%	44.7	45.0	0.3	0.6%
43.2%	44.6	44.9	0.3	0.6%
44.4%	44.6	44.9	0.3	0.7%
45.7%	44.5	44.8	0.3	0.7%
46.9%	44.5	44.8	0.3	0.7%
48.1%	44.5	44.8	0.3	0.7%
49.4%	44.5	44.8	0.3	0.7%
50.6%	44.5	44.7	0.2	0.5%
51.9%	44.5	44.6	0.2	0.4%
53.1%	44.4	44.6	0.2	0.4%
54.3%	44.4	44.6	0.2	0.5%
55.6%	44.4	44.6	0.2	0.5%
56.8%	44.3	44.6	0.2	0.6%
58.0%	44.3	44.6	0.3	0.7%
59.3%	44.2	44.5	0.3	0.6%
60.5%	44.2	44.5	0.3	0.6%
61.7%	44.2	44.5	0.3	0.6%
63.0%	44.2	44.4	0.2	0.6%
64.2%	44.2	44.4	0.3	0.6%
65.4%	44.1	44.4	0.3	0.6%
66.7%	44.1	44.4	0.3	0.6%
67.9%	44.1	44.3	0.2	0.5%
69.1%	44.1	44.2	0.1	0.3%
70.4%	44.0	44.2	0.2	0.4%
71.6%	44.0	44.2	0.2	0.5%
72.8%	44.0	44.2	0.2	0.5%
74.1%	43.8	44.1	0.4	0.8%
75.3%	43.8	44.1	0.4	0.8%
76.5%	43.7	44.0	0.2	0.5%
77.8%	43.7	43.9	0.2	0.4%
79.0%	43.7	43.8	0.1	0.3%
80.2%	43.5	43.7	0.2	0.5%
81.5%	43.5	43.7	0.2	0.4%
82.7%	43.4	43.7	0.2	0.5%
84.0%	43.4	43.6	0.1	0.3%
85.2%	43.4	43.5	0.1	0.3%
86.4%	43.3	43.4	0.1	0.3%
87.7%	43.2	43.4	0.2	0.5%
88.9%	43.2	43.4	0.2	0.6%
90.1%	43.2	43.4	0.2	0.5%
91.4%	43.1	43.4	0.2	0.6%
92.6%	43.1	43.3	0.2	0.5%
93.8%	43.1	43.2	0.1	0.3%
95.1%	43.0	43.1	0.2	0.4%
96.3%	42.7	42.7	0.0	0.1%
97.5%	42.6	42.7	0.1	0.2%
98.8%	42.6	42.7	0.1	0.2%
100.0%	41.9	42.4	0.5	1.2%

Table SQ-07-7b

Sacramento River below Red Bluff, Monthly Temperature

Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	48.7	48.9	0.1	0.3%
1.2%	48.6	48.8	0.1	0.3%
2.5%	48.3	48.4	0.1	0.2%
3.7%	48.2	48.3	0.0	0.1%
4.9%	48.2	48.2	0.0	0.0%
6.2%	48.1	48.1	0.0	0.1%
7.4%	48.0	48.0	0.0	0.0%
8.6%	47.9	47.8	-0.1	-0.2%
9.9%	47.8	47.7	-0.1	-0.2%
11.1%	47.7	47.7	0.1	0.1%
12.3%	47.5	47.7	0.2	0.4%
13.6%	47.5	47.7	0.2	0.4%
14.8%	47.4	47.6	0.2	0.4%
16.0%	47.3	47.4	0.0	0.0%
17.3%	47.3	47.4	0.1	0.1%
18.5%	47.3	47.3	0.0	0.1%
19.8%	47.3	47.3	0.0	0.0%
21.0%	47.3	47.3	0.0	0.0%
22.2%	47.1	47.1	0.0	0.1%
23.5%	47.0	47.1	0.1	0.1%
24.7%	46.9	46.9	0.0	0.0%
25.9%	46.9	46.9	0.0	0.0%
27.2%	46.9	46.8	-0.1	-0.1%
28.4%	46.8	46.8	0.0	0.0%
29.6%	46.8	46.8	0.0	0.0%
30.9%	46.8	46.8	0.0	0.0%
32.1%	46.8	46.8	0.0	0.0%
33.3%	46.8	46.8	0.0	-0.1%
34.6%	46.7	46.7	0.0	-0.1%
35.8%	46.7	46.6	0.0	-0.1%
37.0%	46.6	46.6	0.0	0.0%
38.3%	46.6	46.6	0.0	0.1%
39.5%	46.6	46.6	0.0	0.0%
40.7%	46.5	46.5	0.0	0.0%
42.0%	46.5	46.5	0.0	0.1%
43.2%	46.5	46.5	0.0	0.0%
44.4%	46.4	46.4	0.0	0.0%
45.7%	46.4	46.4	-0.1	-0.1%
46.9%	46.4	46.4	0.0	0.0%
48.1%	46.4	46.4	0.0	0.0%
49.4%	46.2	46.3	0.0	0.1%
50.6%	46.2	46.2	0.0	0.0%
51.9%	46.2	46.2	0.0	0.0%
53.1%	46.1	46.2	0.1	0.1%
54.3%	46.1	46.2	0.0	0.1%
55.6%	46.1	46.1	0.1	0.2%
56.8%	46.0	46.1	0.0	0.1%
58.0%	46.0	46.1	0.0	0.1%
59.3%	46.0	46.1	0.1	0.1%
60.5%	46.0	46.0	0.1	0.1%
61.7%	46.0	46.0	0.1	0.1%
63.0%	45.9	46.0	0.0	0.1%
64.2%	45.8	46.0	0.1	0.3%
65.4%	45.8	45.9	0.0	0.1%
66.7%	45.8	45.8	0.0	0.0%
67.9%	45.8	45.7	-0.1	-0.2%
69.1%	45.8	45.7	0.0	-0.1%
70.4%	45.7	45.7	0.0	0.0%
71.6%	45.6	45.6	0.0	0.0%
72.8%	45.5	45.5	0.0	0.0%
74.1%	45.4	45.5	0.0	0.1%
75.3%	45.4	45.5	0.0	0.1%
76.5%	45.4	45.4	0.0	-0.1%
77.8%	45.4	45.3	0.0	-0.1%
79.0%	45.3	45.3	0.0	0.0%
80.2%	45.2	45.2	0.0	0.0%
81.5%	45.2	45.2	0.0	0.1%
82.7%	45.0	45.1	0.1	0.2%
84.0%	45.0	45.0	0.0	0.0%
85.2%	44.9	45.0	0.1	0.3%
86.4%	44.8	44.9	0.0	0.1%
87.7%	44.8	44.8	0.0	0.1%
88.9%	44.7	44.8	0.1	0.2%
90.1%	44.7	44.7	0.0	-0.1%
91.4%	44.6	44.6	0.1	0.2%
92.6%	44.6	44.6	0.0	0.0%
93.8%	44.5	44.5	0.0	0.1%
95.1%	44.4	44.4	0.0	0.0%
96.3%	44.4	44.4	0.0	0.1%
97.5%	44.2	44.2	0.0	0.1%
98.8%	44.1	44.2	0.1	0.1%
100.0%	43.6	43.6	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	53.7	53.7	0.0	0.0%
1.2%	53.4	53.3	0.0	-0.1%
2.5%	52.8	52.9	0.1	0.3%
3.7%	52.7	52.7	-0.1	-0.1%
4.9%	52.2	52.5	0.3	0.6%
6.2%	52.0	52.1	0.0	0.1%
7.4%	52.0	52.0	0.0	0.1%
8.6%	51.9	51.9	0.0	0.0%
9.9%	51.7	51.7	0.0	0.0%
11.1%	51.6	51.7	0.0	0.1%
12.3%	51.6	51.6	0.0	0.0%
13.6%	51.5	51.5	0.0	0.0%
14.8%	51.5	51.5	0.0	0.1%
16.0%	51.3	51.4	0.0	0.1%
17.3%	51.0	51.0	0.0	-0.1%
18.5%	51.0	51.0	0.0	-0.1%
19.8%	51.0	50.9	-0.1	-0.1%
21.0%	50.9	50.9	0.0	0.1%
22.2%	50.8	50.8	0.1	0.1%
23.5%	50.8	50.8	0.0	0.1%
24.7%	50.7	50.8	0.1	0.2%
25.9%	50.6	50.8	0.1	0.3%
27.2%	50.6	50.8	0.1	0.2%
28.4%	50.6	50.7	0.1	0.1%
29.6%	50.6	50.7	0.1	0.1%
30.9%	50.6	50.7	0.1	0.2%
32.1%	50.4	50.5	0.1	0.3%
33.3%	50.3	50.3	0.1	0.1%
34.6%	50.3	50.3	0.0	0.1%
35.8%	50.2	50.3	0.1	0.1%
37.0%	50.2	50.2	0.1	0.1%
38.3%	50.1	50.2	0.0	0.1%
39.5%	50.1	50.1	0.0	0.0%
40.7%	50.1	50.1	0.0	0.0%
42.0%	50.0	50.1	0.1	0.2%
43.2%	50.0	50.1	0.1	0.2%
44.4%	49.9	50.1	0.2	0.4%
45.7%	49.8	50.1	0.2	0.5%
46.9%	49.8	50.0	0.2	0.4%
48.1%	49.8	49.9	0.1	0.3%
49.4%	49.7	49.8	0.1	0.1%
50.6%	49.7	49.7	0.0	0.0%
51.9%	49.6	49.6	0.0	-0.1%
53.1%	49.6	49.6	0.0	0.0%
54.3%	49.5	49.5	0.0	0.0%
55.6%	49.5	49.4	0.0	-0.1%
56.8%	49.4	49.3	-0.1	-0.2%
58.0%	49.4	49.3	-0.1	-0.2%
59.3%	49.3	49.3	0.0	-0.1%
60.5%	49.3	49.2	0.0	0.0%
61.7%	49.1	49.2	0.1	0.2%
63.0%	49.1	49.2	0.0	0.1%
64.2%	49.1	49.1	0.1	0.1%
65.4%	49.0	49.1	0.0	0.1%
66.7%	49.0	49.0	0.0	0.0%
67.9%	49.0	49.0	0.0	0.0%
69.1%	49.0	49.0	0.0	0.0%
70.4%	48.9	48.9	0.0	0.1%
71.6%	48.8	48.8	-0.1	-0.1%
72.8%	48.6	48.6	0.0	0.0%
74.1%	48.6	48.6	0.0	0.0%
75.3%	48.5	48.6	0.0	0.1%
76.5%	48.4	48.6	0.2	0.4%
77.8%	48.3	48.5	0.1	0.2%
79.0%	48.3	48.4	0.1	0.2%
80.2%	48.1	48.3	0.2	0.4%
81.5%	48.1	48.1	0.1	0.2%
82.7%	48.0	48.0	0.0	0.0%
84.0%	48.0	48.0	0.0	0.0%
85.2%	47.9	47.9	0.0	-0.1%
86.4%	47.8	47.9	0.0	0.0%
87.7%	47.8	47.8	0.0	0.0%
88.9%	47.7	47.8	0.0	0.1%
90.1%	47.7	47.8	0.0	0.1%
91.4%	47.6	47.7	0.1	0.2%
92.6%	47.6	47.6	0.1	0.2%
93.8%	47.4	47.4	0.0	0.0%
95.1%	47.2	47.2	0.0	0.0%
96.3%	47.1	47.1	0.0	0.0%
97.5%	46.9	47.0	0.0	0.0%
98.8%	46.7	46.8	0.1	0.2%
100.0%	46.5	46.5	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	57.3	57.7	0.4	0.7%
1.2%	56.6	57.7	1.1	2.0%
2.5%	56.2	56.5	0.4	0.6%
3.7%	56.0	56.3	0.3	0.5%
4.9%	55.9	56.3	0.4	0.7%
6.2%	55.7	56.3	0.6	1.0%
7.4%	55.6	56.1	0.5	0.9%
8.6%	55.5	56.0	0.5	0.9%
9.9%	55.3	56.0	0.7	1.2%
11.1%	55.3	55.8	0.6	1.1%
12.3%	55.2	55.7	0.4	0.8%
13.6%	55.1	55.6	0.6	1.1%
14.8%	55.1	55.6	0.6	1.1%
16.0%	55.0	55.6	0.6	1.1%
17.3%	54.7	55.5	0.8	1.6%
18.5%	54.7	55.2	0.6	1.1%
19.8%	54.6	55.2	0.6	1.1%
21.0%	54.6	55.2	0.6	1.1%
22.2%	54.6	55.0	0.5	0.8%
23.5%	54.5	55.0	0.5	0.9%
24.7%	54.5	55.0	0.4	0.8%
25.9%	54.5	55.0	0.4	0.8%
27.2%	54.5	54.9	0.4	0.8%
28.4%	54.4	54.9	0.4	0.8%
29.6%	54.4	54.7	0.3	0.6%
30.9%	54.4	54.7	0.3	0.5%
32.1%	54.2	54.7	0.4	0.8%
33.3%	54.2	54.7	0.4	0.8%
34.6%	54.1	54.6	0.5	0.9%
35.8%	54.1	54.6	0.5	0.9%
37.0%	54.1	54.5	0.4	0.8%
38.3%	54.0	54.5	0.5	0.9%
39.5%	53.9	54.5	0.5	1.0%
40.7%	53.9	54.5	0.6	1.1%
42.0%	53.9	54.4	0.6	1.1%
43.2%	53.8	54.3	0.5	1.0%
44.4%	53.7	54.3	0.6	1.1%
45.7%	53.7	54.3	0.5	1.0%
46.9%	53.7	54.2	0.5	0.9%
48.1%	53.6	54.1	0.5	1.0%
49.4%	53.6	54.1	0.5	1.0%
50.6%	53.5	54.0	0.4	0.8%
51.9%	53.5	54.0	0.4	0.8%
53.1%	53.5	53.9	0.5	0.8%
54.3%	53.4	53.9	0.5	0.9%
55.6%	53.4	53.9	0.5	1.0%
56.8%	53.3	53.7	0.5	0.9%
58.0%	53.2	53.7	0.5	1.0%
59.3%	53.1	53.7	0.6	1.1%
60.5%	53.1	53.7	0.6	1.1%
61.7%	53.0	53.7	0.7	1.2%
63.0%	53.0	53.6	0.7	1.3%
64.2%	52.9	53.6	0.7	1.4%
65.4%	52.9	53.5	0.6	1.2%
66.7%	52.8	53.4	0.6	1.1%
67.9%	52.8	53.4	0.6	1.1%
69.1%	52.8	53.4	0.6	1.2%
70.4%	52.8	53.1	0.3	0.6%
71.6%	52.7	52.9	0.3	0.5%
72.8%	52.5	52.9	0.4	0.7%
74.1%	52.3	52.8	0.5	1.0%
75.3%	52.3	52.8	0.6	1.1%
76.5%	52.2	52.7	0.5	1.0%
77.8%	52.2	52.7	0.5	1.0%
79.0%	52.2	52.6	0.4	0.8%
80.2%	51.9	52.5	0.6	1.2%
81.5%	51.8	52.2	0.5	0.9%
82.7%	51.7	52.2	0.4	0.8%
84.0%	51.6	52.0	0.5	0.9%
85.2%	51.5	51.9	0.5	0.9%
86.4%	51.3	51.8	0.5	0.9%
87.7%	51.3	51.8	0.5	0.9%
88.9%	51.2	51.7	0.5	0.9%
90.1%	51.1	51.5	0.4	0.7%
91.4%	51.0	51.4	0.3	0.7%
92.6%	51.0	51.4	0.4	0.7%
93.8%	50.9	51.2	0.3	0.5%
95.1%	50.9	51.0	0.1	0.1%
96.3%	50.8	50.9	0.1	0.2%
97.5%	50.4	50.4	-0.1	-0.1%
98.8%	49.9	49.8	-0.1	-0.2%
100.0%	48.5	48.6	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	60.1	60.0	-0.2	-0.3%
1.2%	60.1	59.7	-0.5	-0.8%
2.5%	59.7	59.4	-0.3	-0.5%
3.7%	59.6	59.2	-0.4	-0.7%
4.9%	59.4	59.0	-0.4	-0.6%
6.2%	59.2	58.7	-0.6	-1.0%
7.4%	58.8	58.5	-0.3	-0.5%
8.6%	58.7	58.3	-0.4	-0.7%
9.9%	58.4	58.3	-0.2	-0.3%
11.1%	58.4	58.2	-0.2	-0.3%
12.3%	58.3	58.2	-0.1	-0.2%
13.6%	58.1	58.1	0.0	0.0%
14.8%	58.1	58.1	0.0	0.0%
16.0%	57.9	58.0	0.1	0.2%
17.3%	57.8	58.0	0.1	0.2%
18.5%	57.8	58.0	0.2	0.3%
19.8%	57.8	57.8	0.1	0.1%
21.0%	57.7	57.8	0.1	0.1%
22.2%	57.7	57.7	-0.1	-0.1%
23.5%	57.7	57.7	0.0	-0.1%
24.7%	57.6	57.5	-0.1	-0.2%
25.9%	57.6	57.4	-0.2	-0.3%
27.2%	57.5	57.4	-0.2	-0.3%
28.4%	57.5	57.4	-0.2	-0.3%
29.6%	57.5	57.3	-0.2	-0.4%
30.9%	57.3	57.3	0.0	0.0%
32.1%	57.2	57.2	0.0	0.0%
33.3%	57.1	57.1	0.0	0.0%
34.6%	57.1	57.0	-0.1	-0.2%
35.8%	56.9	57.0	0.1	0.2%
37.0%	56.9	57.0	0.1	0.2%
38.3%	56.9	57.0	0.1	0.2%
39.5%	56.8	56.9	0.1	0.2%
40.7%	56.8	56.9	0.1	0.2%
42.0%	56.7	56.9	0.1	0.2%
43.2%	56.7	56.8	0.1	0.1%
44.4%	56.7	56.7	0.0	0.0%
45.7%	56.6	56.7	0.1	0.1%
46.9%	56.5	56.6	0.1	0.2%
48.1%	56.4	56.6	0.1	0.2%
49.4%	56.4	56.5	0.1	0.2%
50.6%	56.3	56.4	0.1	0.2%
51.9%	56.3	56.4	0.2	0.3%
53.1%	56.2	56.4	0.1	0.2%
54.3%	56.2	56.4	0.2	0.3%
55.6%	56.2	56.3	0.2	0.3%
56.8%	56.1	56.2	0.1	0.2%
58.0%	56.0	56.2	0.2	0.3%
59.3%	56.0	56.2	0.2	0.4%
60.5%	56.0	56.1	0.2	0.3%
61.7%	55.9	56.1	0.2	0.3%
63.0%	55.9	56.1	0.2	0.3%
64.2%	55.9	56.1	0.2	0.3%
65.4%	55.9	56.0	0.1	0.3%
66.7%	55.9	56.0	0.2	0.3%
67.9%	55.6	56.0	0.4	0.7%
69.1%	55.6	56.0	0.4	0.7%
70.4%	55.6	56.0	0.4	0.8%
71.6%	55.5	55.9	0.4	0.8%
72.8%	55.4	55.9	0.5	0.9%
74.1%	55.2	55.9	0.7	1.3%
75.3%	55.1	55.9	0.7	1.4%
76.5%	55.0	55.8	0.7	1.3%
77.8%	55.0	55.6	0.6	1.1%
79.0%	55.0	55.6	0.5	1.0%
80.2%	55.0	55.5	0.5	1.0%
81.5%	55.0	55.5	0.6	1.0%
82.7%	55.0	55.5	0.6	1.0%
84.0%	54.9	55.3	0.4	0.8%
85.2%	54.9	55.2	0.3	0.5%
86.4%	54.8	55.1	0.3	0.5%
87.7%	54.8	55.1	0.3	0.5%
88.9%	54.8	54.8	0.0	0.0%
90.1%	54.7	54.8	0.1	0.1%
91.4%	54.5	54.5	0.0	0.1%
92.6%	54.4	54.2	-0.2	-0.4%
93.8%	54.2	54.2	0.0	-0.1%
95.1%	53.8	54.0	0.2	0.3%
96.3%	53.8	53.8	0.0	-0.1%
97.5%	53.8	53.7	-0.1	-0.1%
98.8%	53.7	53.6	0.0	-0.1%
100.0%	52.6	52.5	-0.1	-0.2%

Table SQ-07-7b

Sacramento River below Red Bluff, Monthly Temperature
Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	61.1	60.3	-0.7	-1.2%
1.2%	61.0	60.3	-0.7	-1.2%
2.5%	59.9	59.5	-0.4	-0.7%
3.7%	59.5	59.5	0.0	0.1%
4.9%	59.4	59.3	-0.1	-0.2%
6.2%	59.1	59.1	-0.1	-0.1%
7.4%	59.0	59.1	0.1	0.1%
8.6%	58.9	58.8	-0.1	-0.2%
9.9%	58.8	58.8	0.0	0.0%
11.1%	58.6	58.7	0.2	0.3%
12.3%	58.5	58.7	0.2	0.4%
13.6%	58.3	58.6	0.3	0.5%
14.8%	58.2	58.2	0.1	0.1%
16.0%	58.2	58.1	-0.1	-0.2%
17.3%	58.0	58.0	0.0	0.0%
18.5%	57.9	57.9	0.0	0.0%
19.8%	57.9	57.9	0.0	0.0%
21.0%	57.9	57.9	0.0	0.0%
22.2%	57.7	57.7	0.0	-0.1%
23.5%	57.7	57.6	-0.1	-0.2%
24.7%	57.6	57.6	0.0	0.0%
25.9%	57.5	57.6	0.0	0.1%
27.2%	57.5	57.5	0.0	-0.1%
28.4%	57.5	57.4	-0.1	-0.1%
29.6%	57.5	57.4	-0.1	-0.2%
30.9%	57.5	57.4	-0.1	-0.2%
32.1%	57.5	57.4	-0.1	-0.2%
33.3%	57.4	57.4	0.0	-0.1%
34.6%	57.3	57.3	0.0	0.0%
35.8%	57.3	57.3	0.0	0.0%
37.0%	57.3	57.3	0.0	0.0%
38.3%	57.3	57.2	0.0	0.0%
39.5%	57.2	57.2	0.0	0.0%
40.7%	57.2	57.2	0.0	0.1%
42.0%	57.1	57.1	0.0	0.0%
43.2%	57.0	57.1	0.0	0.0%
44.4%	57.0	57.0	0.1	0.1%
45.7%	57.0	57.0	0.0	0.1%
46.9%	57.0	57.0	0.0	0.1%
48.1%	56.9	57.0	0.1	0.1%
49.4%	56.9	57.0	0.1	0.1%
50.6%	56.9	56.9	0.1	0.1%
51.9%	56.9	56.9	0.1	0.2%
53.1%	56.8	56.9	0.0	0.1%
54.3%	56.8	56.9	0.1	0.1%
55.6%	56.8	56.8	0.1	0.1%
56.8%	56.6	56.8	0.2	0.3%
58.0%	56.6	56.8	0.2	0.3%
59.3%	56.6	56.8	0.2	0.3%
60.5%	56.6	56.8	0.2	0.3%
61.7%	56.6	56.8	0.2	0.3%
63.0%	56.6	56.8	0.2	0.3%
64.2%	56.5	56.7	0.1	0.2%
65.4%	56.5	56.6	0.1	0.1%
66.7%	56.5	56.6	0.1	0.1%
67.9%	56.4	56.6	0.2	0.3%
69.1%	56.4	56.6	0.2	0.3%
70.4%	56.3	56.5	0.2	0.3%
71.6%	56.3	56.5	0.2	0.3%
72.8%	56.2	56.5	0.3	0.5%
74.1%	56.2	56.4	0.2	0.4%
75.3%	56.2	56.4	0.2	0.4%
76.5%	56.1	56.3	0.2	0.3%
77.8%	56.1	56.3	0.1	0.3%
79.0%	56.1	56.2	0.1	0.1%
80.2%	56.1	56.2	0.1	0.1%
81.5%	56.1	56.1	0.0	0.1%
82.7%	56.1	56.1	0.1	0.1%
84.0%	56.1	56.1	0.1	0.1%
85.2%	56.0	56.1	0.0	0.1%
86.4%	56.0	56.1	0.0	0.0%
87.7%	56.0	56.0	0.0	0.0%
88.9%	56.0	56.0	0.0	0.0%
90.1%	55.9	55.9	0.1	0.1%
91.4%	55.8	55.9	0.1	0.2%
92.6%	55.6	55.8	0.2	0.3%
93.8%	55.6	55.7	0.2	0.3%
95.1%	55.3	55.7	0.3	0.6%
96.3%	55.0	55.4	0.4	0.7%
97.5%	55.0	55.3	0.3	0.6%
98.8%	54.9	55.0	0.1	0.2%
100.0%	54.8	54.8	0.0	0.0%

July				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	63.6	62.8	-0.8	-1.2%
1.2%	62.4	62.1	-0.3	-0.5%
2.5%	61.8	61.8	0.0	0.1%
3.7%	61.4	61.2	-0.1	-0.2%
4.9%	61.3	60.7	-0.6	-1.0%
6.2%	61.2	60.7	-0.5	-0.8%
7.4%	61.0	60.5	-0.5	-0.8%
8.6%	60.9	60.3	-0.5	-0.9%
9.9%	60.2	60.3	0.0	0.1%
11.1%	60.1	59.8	-0.4	-0.6%
12.3%	60.0	59.6	-0.5	-0.8%
13.6%	59.7	59.4	-0.3	-0.5%
14.8%	59.6	59.4	-0.1	-0.3%
16.0%	59.4	59.3	-0.1	-0.1%
17.3%	59.4	59.1	-0.3	-0.4%
18.5%	59.2	59.0	-0.2	-0.4%
19.8%	59.0	58.9	-0.1	-0.2%
21.0%	59.0	58.9	-0.1	-0.2%
22.2%	58.9	58.9	-0.1	-0.1%
23.5%	58.9	58.8	-0.1	-0.1%
24.7%	58.7	58.8	0.1	0.2%
25.9%	58.6	58.8	0.2	0.3%
27.2%	58.5	58.8	0.2	0.3%
28.4%	58.5	58.6	0.1	0.2%
29.6%	58.5	58.5	0.0	0.0%
30.9%	58.5	58.5	-0.1	-0.1%
32.1%	58.5	58.4	-0.1	-0.2%
33.3%	58.4	58.2	-0.2	-0.4%
34.6%	58.3	58.2	-0.1	-0.2%
35.8%	58.2	58.1	-0.1	-0.2%
37.0%	58.1	58.1	-0.1	-0.1%
38.3%	58.1	58.1	-0.1	-0.1%
39.5%	58.1	58.1	0.0	0.0%
40.7%	58.0	58.0	0.0	0.0%
42.0%	58.0	58.0	0.0	0.0%
43.2%	58.0	57.9	-0.1	-0.2%
44.4%	57.9	57.8	-0.1	-0.1%
45.7%	57.9	57.8	-0.1	-0.1%
46.9%	57.7	57.8	0.1	0.2%
48.1%	57.7	57.8	0.1	0.2%
49.4%	57.5	57.6	0.1	0.2%
50.6%	57.5	57.6	0.1	0.1%
51.9%	57.4	57.5	0.1	0.3%
53.1%	57.4	57.5	0.2	0.3%
54.3%	57.2	57.5	0.2	0.4%
55.6%	57.2	57.5	0.3	0.5%
56.8%	57.2	57.4	0.3	0.4%
58.0%	57.1	57.4	0.3	0.5%
59.3%	57.1	57.3	0.2	0.4%
60.5%	57.1	57.3	0.2	0.4%
61.7%	57.0	57.2	0.2	0.3%
63.0%	57.0	57.1	0.1	0.1%
64.2%	57.0	57.1	0.1	0.1%
65.4%	57.0	57.1	0.1	0.1%
66.7%	56.9	57.0	0.1	0.2%
67.9%	56.9	57.0	0.1	0.2%
69.1%	56.8	57.0	0.2	0.3%
70.4%	56.8	57.0	0.2	0.3%
71.6%	56.8	56.9	0.2	0.3%
72.8%	56.8	56.9	0.2	0.3%
74.1%	56.7	56.9	0.2	0.3%
75.3%	56.7	56.9	0.1	0.2%
76.5%	56.7	56.9	0.2	0.3%
77.8%	56.7	56.8	0.2	0.3%
79.0%	56.7	56.8	0.2	0.3%
80.2%	56.7	56.8	0.1	0.2%
81.5%	56.6	56.7	0.1	0.2%
82.7%	56.6	56.5	-0.1	-0.1%
84.0%	56.6	56.4	-0.1	-0.3%
85.2%	56.5	56.4	-0.1	-0.1%
86.4%	56.4	56.3	-0.1	-0.3%
87.7%	56.4	56.3	-0.1	-0.2%
88.9%	56.3	56.2	-0.1	-0.2%
90.1%	56.3	56.2	-0.1	-0.1%
91.4%	56.1	56.2	0.1	0.2%
92.6%	56.1	56.1	0.1	0.1%
93.8%	55.9	55.8	0.0	-0.1%
95.1%	55.8	55.8	0.0	0.0%
96.3%	55.8	55.6	-0.2	-0.3%
97.5%	55.8	55.6	-0.3	-0.5%
98.8%	55.7	55.5	-0.2	-0.4%
100.0%	55.6	55.2	-0.4	-0.7%

August				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.6	66.6	-1.0	-1.5%
1.2%	67.3	62.8	-4.5	-6.7%
2.5%	66.3	62.5	-3.7	-5.6%
3.7%	65.0	61.3	-3.7	-5.7%
4.9%	62.6	60.9	-1.8	-2.8%
6.2%	62.4	60.7	-1.7	-2.7%
7.4%	61.9	60.3	-1.6	-2.6%
8.6%	61.0	60.1	-0.9	-1.5%
9.9%	60.7	60.1	-0.6	-1.0%
11.1%	60.5	60.0	-0.4	-0.7%
12.3%	60.4	59.8	-0.6	-0.9%
13.6%	60.3	59.8	-0.5	-0.9%
14.8%	60.1	59.7	-0.4	-0.6%
16.0%	60.0	59.6	-0.5	-0.8%
17.3%	59.8	59.6	-0.2	-0.3%
18.5%	59.7	59.5	-0.2	-0.3%
19.8%	59.6	59.4	-0.2	-0.4%
21.0%	59.5	59.2	-0.3	-0.5%
22.2%	59.3	59.2	-0.1	-0.2%
23.5%	59.3	59.0	-0.3	-0.5%
24.7%	59.2	59.0	-0.3	-0.4%
25.9%	59.2	58.9	-0.3	-0.5%
27.2%	59.1	58.9	-0.2	-0.4%
28.4%	59.1	58.8	-0.3	-0.4%
29.6%	58.9	58.7	-0.2	-0.3%
30.9%	58.8	58.7	-0.2	-0.3%
32.1%	58.8	58.7	-0.1	-0.2%
33.3%	58.8	58.7	-0.1	-0.2%
34.6%	58.7	58.6	-0.1	-0.1%
35.8%	58.7	58.6	-0.1	-0.1%
37.0%	58.6	58.6	0.0	0.0%
38.3%	58.6	58.6	0.0	-0.1%
39.5%	58.6	58.5	-0.1	-0.1%
40.7%	58.6	58.5	-0.1	-0.2%
42.0%	58.4	58.5	0.1	0.1%
43.2%	58.4	58.4	0.1	0.2%
44.4%	58.3	58.4	0.1	0.2%
45.7%	58.3	58.4	0.1	0.2%
46.9%	58.3	58.4	0.1	0.1%
48.1%	58.3	58.3	0.0	0.0%
49.4%	58.3	58.3	0.0	0.0%
50.6%	58.3	58.2	0.0	-0.1%
51.9%	58.3	58.2	-0.1	-0.1%
53.1%	58.2	58.1	-0.1	-0.2%
54.3%	58.2	58.1	-0.1	-0.1%
55.6%	58.1	58.1	0.0	0.0%
56.8%	58.1	58.1	0.0	0.1%
58.0%	58.1	58.1	0.0	0.1%
59.3%	58.0	58.1	0.1	0.2%
60.5%	58.0	58.1	0.1	0.2%
61.7%	58.0	58.0	0.1	0.1%
63.0%	57.9	58.0	0.1	0.1%
64.2%	57.9	58.0	0.0	0.1%
65.4%	57.9	57.9	0.0	0.0%
66.7%	57.9	57.9	0.0	0.0%
67.9%	57.9	57.9	0.0	0.0%
69.1%	57.9	57.9	0.0	0.0%
70.4%	57.8	57.8	0.0	0.0%
71.6%	57.8	57.8	-0.1	-0.1%
72.8%	57.7	57.8	0.0	0.1%
74.1%	57.7	57.7	-0.1	-0.1%
75.3%	57.7	57.6	-0.1	-0.1%
76.5%	57.7	57.6	-0.1	-0.1%
77.8%	57.6	57.4	-0.2	-0.3%
79.0%	57.5	57.4	-0.1	-0.2%
80.2%	57.5	57.4	-0.1	-0.2%
81.5%	57.4	57.3	-0.1	-0.2%
82.7%	57.4	57.3	-0.1	-0.1%
84.0%	57.4	57.3	-0.1	-0.2%
85.2%	57.3	57.2	-0.1	-0.2%
86.4%	57.3	57.1	-0.2	-0.3%
87.7%	57.3	57.1	-0.2	-0.3%
88.9%	57.3	57.0	-0.2	-0.4%
90.1%	57.0	57.0	0.1	0.1%
91.4%	56.9	57.0	0.1	0.1%
92.6%	56.8	57.0	0.1	0.2%
93.8%	56.6	56.9	0.3	0.5%
95.1%	56.6	56.9	0.3	0.6%
96.3%	56.3	56.7	0.4	0.7%
97.5%	56.3	56.5	0.3	0.5%
98.8%	56.0	56.4	0.4	0.7%
100.0%	55.9	56.4	0.5	1.0%

September				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.0	65.9	-1.2	-1.7%
1.2%	65.6	65.1	-0.5	-0.8%
2.5%	65.6	64.9	-0.7	-1.0%
3.7%	65.2	64.5	-0.7	-1.0%
4.9%	64.9	64.1	-0.9	-1.3%
6.2%	64.9	62.9	-2.0	-3.1%
7.4%	64.4	62.4	-2.0	-3.1%
8.6%	63.8	61.9	-1.8	-2.9%
9.9%	62.4	61.9	-0.5	-0.8%
11.1%	61.6	61.4	-0.2	-0.3%
12.3%	61.6	61.2	-0.4	-0.6%
13.6%	61.5	61.2	-0.3	-0.5%
14.8%	61.4	60.6	-0.7	-1.2%
16.0%	61.2	60.5	-0.7	-1.2%
17.3%	60.8	60.4	-0.4	-0.6%
18.5%	60.7	60.1	-0.6	-0.9%
19.8%	60.6	60.1	-0.5	-0.8%
21.0%	60.6	60.0	-0.6	-1.0%
22.2%	60.2	59.9	-0.3	-0.5%
23.5%	60.2	59.6	-0.6	-1.0%
24.7%	60.0	59.4	-0.6	-1.1%
25.9%	60.0	59.4	-0.6	-1.0%
27.2%	59.6	59.3	-0.3	-0.5%
28.4%	59.5	59.2	-0.3	-0.5%
29.6%	59.4	59.1	-0.3	-0.6%
30.9%	59.4	59.0	-0.5	-0.8%
32.1%	59.4	59.0	-0.5	-0.8%
33.3%	59.4	58.9	-0.4	-0.7%
34.6%	59.3	58.9	-0.4	-0.8%
35.8%	59.3	58.8	-0.5	-0.8%
37.0%	59.3	58.7	-0.5	-0.9%
38.3%	59.2	58.7	-0.5	-0.9%
39.5%	59.1	58.6	-0.4	-0.7%
40.7%	59.0	58.6	-0.4	-0.7%
42.0%	59.0	58.5	-0.5	-0.9%
43.2%	59.0	58.5	-0.5	-0.9%
44.4%	59.0	58.5	-0.5	-0.9%
45.7%	58.8	58.5	-0.3	-0.5%
46.9%	58.7	58.5	-0.3	-0.5%
48.1%	58.7	58.4	-0.3	-0.4%
49.4%	58.5	58.3	-0.2	-0.4%
50.6%	58.5	58.3	-0.2	-0.4%
51.9%	58.4	58.3	-0.1	-0.2%
53.1%	58.4	58.3	-0.1	-0.1%
54.3%	58.3	58.2	-0.1	-0.1%
55.6%	58.3	58.2	-0.1	-0.1%
56.8%	58.2	58.1	-0.1	-0.2%
58.0%	58.2	57.8	-0.5	-0.8%
59.3%	58.1	57.8	-0.4	-0.6%
60.5%	58.1	57.7	-0.4	-0.6%
61.7%	58.0	57.7	-0.3	-0.5%
63.0%	57.7	57.7	-0.1	-0.1%
64.2%	57.7	57.7	-0.1	-0.1%
65.4%	57.7	57.6	-0.1	-0.1%
66.7%	57.7	57.6	-0.1	-0.2%
67.9%	57.6	57.4	-0.1	-0.3%
69.1%	57.5	57.4	-0.1	-0.2%
70.4%	57.0	57.3	0.3	0.5%
71.6%	57.0	57.3	0.4	0.6%
72.8%	56.9	57.2	0.3	0.4%
74.1%	56.9	57.2	0.3	0.5%
75.3%	56.8	57.2	0.3	0.6%
76.5%	56.8	56.9	0.1	0.2%
77.8%	56.8	56.8	0.0	0.0%
79.0%	56.8	56.8	0.1	0.1%
80.2%	56.8	56.7	0.0	0.0%
81.5%	56.7	56.7	0.0	0.0%
82.7%	56.7	56.7	0.0	-0.1%
84.0%	56.6	56.6	0.0	-0.1%
85.2%	56.6	56.6	0.0	0.0%
86.4%	56.5	56.5	0.0	0.0%
87.7%	56.3	56.3	0.0	0.0%
88.9%	56.2	56.3	0.0	0.1%
90.1%	56.2	56.2	0.0	-0.1%
91.4%	56.2	56.0	-0.2	-0.3%
92.6%	56.1	56.0	-0.2	-0.3%
93.8%	56.1	55.7	-0.4	-0.7%
95.1%	56.0	55.5	-0.5	-1.0%
96.3%	55.9	54.8	-1.1	-1.9%
97.5%	55.6	54.8	-0.8	-1.4%
98.8%	54.5	54.7	0.2	0.4%
100.0%	54.3	54.5	0.2	0.4%

Table SQ-08-7a

Sacramento River below Hamilton City, Monthly Temperature

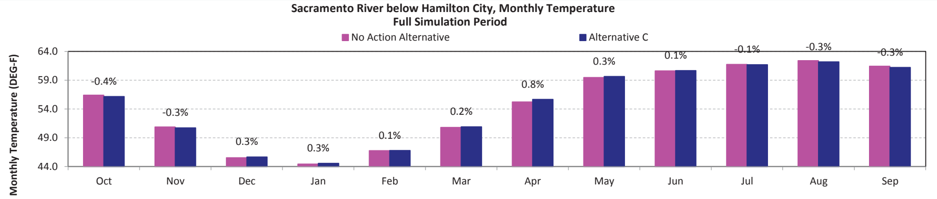
Long-term Average and Average by Water Year Type

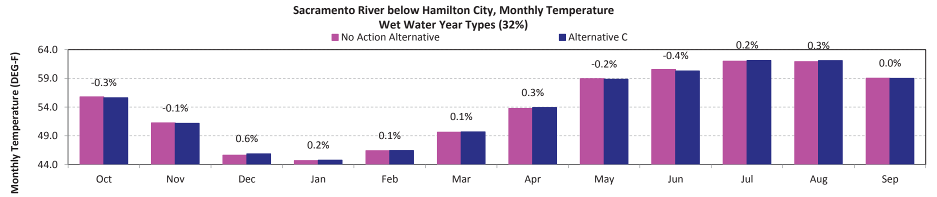
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	56.4	50.9	45.5	44.4	46.8	50.8	55.2	59.5	60.6	61.7	62.4	61.4
Alternative C	56.2	50.7	45.7	44.6	46.8	50.9	55.7	59.7	60.7	61.7	62.2	61.2
Difference	-0.2	-0.1	0.1	0.1	0.0	0.1	0.5	0.2	0.0	0.0	-0.2	-0.2
Percent Difference[3]	-0.4%	-0.3%	0.3%	0.3%	0.1%	0.2%	0.8%	0.3%	0.1%	-0.1%	-0.3%	-0.3%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	55.8	51.2	45.6	44.7	46.4	49.6	53.8	59.0	60.6	62.0	61.9	59.0
Alternative C	55.6	51.2	45.9	44.8	46.4	49.7	53.9	58.8	60.3	62.1	62.1	59.0
Difference	-0.1	-0.1	0.3	0.1	0.0	0.1	0.1	-0.1	-0.3	0.1	0.2	0.0
Percent Difference	-0.3%	-0.1%	0.6%	0.2%	0.1%	0.1%	0.3%	-0.2%	-0.4%	0.2%	0.3%	0.0%
Above Normal (15%)												
No Action Alternative	55.7	50.5	45.9	44.8	46.8	50.8	55.4	60.2	60.3	60.8	62.0	60.7
Alternative C	55.5	50.5	46.2	44.9	46.8	50.9	55.7	60.0	60.5	60.7	62.2	61.0
Difference	-0.2	0.0	0.3	0.1	0.0	0.1	0.3	-0.2	0.2	-0.1	0.2	0.3
Percent Difference	-0.3%	0.0%	0.6%	0.3%	0.1%	0.1%	0.5%	-0.3%	0.3%	-0.2%	0.3%	0.4%
Below Normal (17%)												
No Action Alternative	55.5	50.5	45.8	44.2	46.3	50.8	55.9	59.7	60.2	61.2	61.7	61.9
Alternative C	55.2	50.4	45.8	44.3	46.3	50.9	56.4	60.0	60.4	61.0	61.9	61.6
Difference	-0.3	-0.1	0.0	0.1	0.0	0.1	0.6	0.3	0.1	-0.2	0.2	-0.3
Percent Difference	-0.5%	-0.2%	0.0%	0.3%	0.1%	0.2%	1.0%	0.6%	0.2%	-0.3%	0.3%	-0.5%
Dry (22%)												
No Action Alternative	56.7	51.0	45.5	44.1	46.9	51.6	56.2	59.3	60.7	61.2	62.1	62.7
Alternative C	56.5	50.8	45.5	44.4	47.0	51.7	56.8	59.7	61.0	61.3	61.8	62.3
Difference	-0.2	-0.2	0.0	0.3	0.0	0.1	0.6	0.4	0.3	0.1	-0.3	-0.4
Percent Difference	-0.4%	-0.5%	-0.1%	0.6%	0.0%	0.2%	1.1%	0.7%	0.5%	0.1%	-0.5%	-0.7%
Critical (15%)												
No Action Alternative	59.0	50.6	44.8	44.3	47.8	52.2	55.8	59.8	61.4	63.7	65.1	64.8
Alternative C	58.7	50.3	44.9	44.4	47.9	52.3	56.8	60.6	61.5	63.2	63.3	64.2
Difference	-0.4	-0.3	0.1	0.1	0.1	0.1	1.0	0.8	0.1	-0.4	-1.7	-0.6
Percent Difference	-0.7%	-0.5%	0.3%	0.3%	0.2%	0.2%	1.7%	1.3%	0.2%	-0.7%	-2.7%	-0.9%

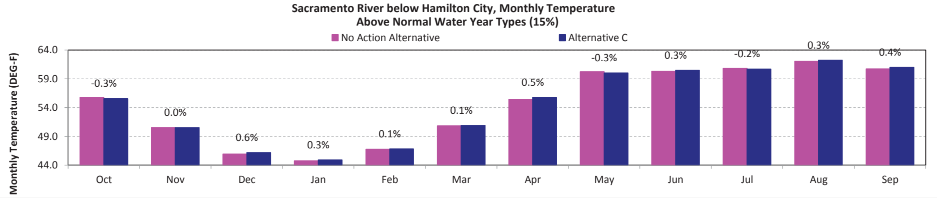
1 Based on the 82-year simulation period

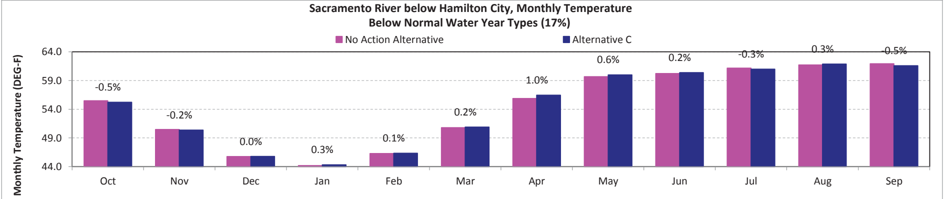
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

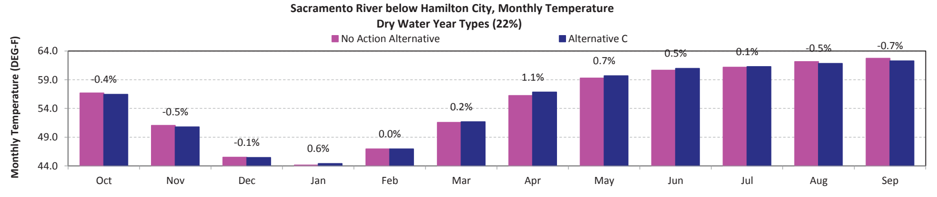
3 Relative difference of the monthly average


Sacramento River below Hamilton City, Monthly Temperature
Full Simulation Period


Sacramento River below Hamilton City, Monthly Temperature
Wet Water Year Types (32%)


Sacramento River below Hamilton City, Monthly Temperature
Above Normal Water Year Types (15%)


Sacramento River below Hamilton City, Monthly Temperature
Below Normal Water Year Types (17%)


Sacramento River below Hamilton City, Monthly Temperature
Dry Water Year Types (22%)

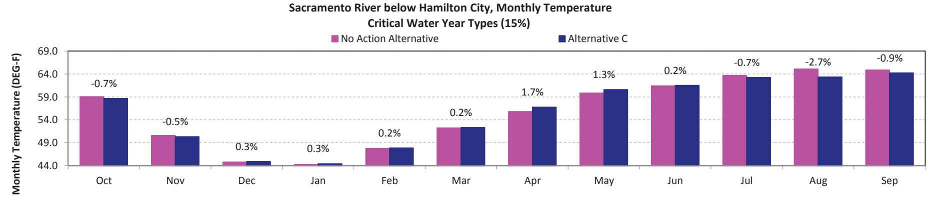

Sacramento River below Hamilton City, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-08-7b
Sacramento River below Hamilton City, Monthly Temperature
Probability of Exceedance

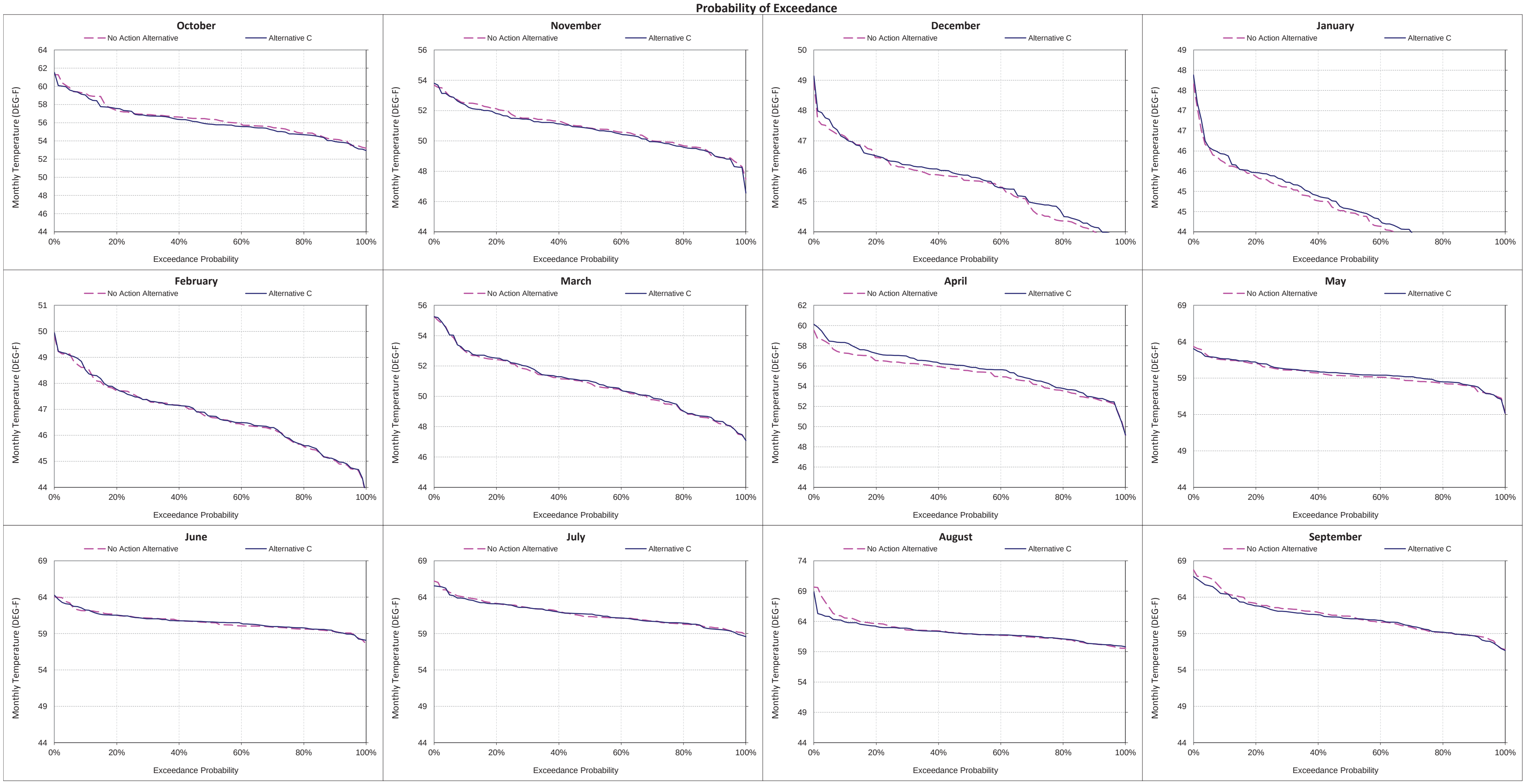


Table SQ-08-7b

Sacramento River below Hamilton City, Monthly Temperature

Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	61.3	61.5	0.2	0.4%
1.2%	61.3	60.1	-1.2	-2.0%
2.5%	60.4	60.0	-0.4	-0.6%
3.7%	60.1	60.0	-0.1	-0.2%
4.9%	59.8	59.6	-0.2	-0.4%
6.2%	59.4	59.4	0.0	0.0%
7.4%	59.4	59.4	0.0	0.0%
8.6%	59.3	59.2	-0.2	-0.3%
9.9%	59.3	59.1	-0.2	-0.4%
11.1%	59.0	58.7	-0.3	-0.5%
12.3%	58.9	58.5	-0.5	-0.8%
13.6%	58.9	58.4	-0.5	-0.8%
14.8%	58.9	57.8	-1.1	-1.9%
16.0%	58.1	57.7	-0.4	-0.7%
17.3%	57.7	57.7	0.0	0.0%
18.5%	57.5	57.6	0.1	0.2%
19.8%	57.4	57.6	0.2	0.3%
21.0%	57.2	57.5	0.3	0.5%
22.2%	57.2	57.3	0.2	0.3%
23.5%	57.2	57.3	0.1	0.2%
24.7%	57.0	57.2	0.2	0.4%
25.9%	57.0	56.9	-0.1	-0.1%
27.2%	57.0	56.9	-0.1	-0.2%
28.4%	56.9	56.8	-0.1	-0.2%
29.6%	56.9	56.8	-0.1	-0.2%
30.9%	56.9	56.7	-0.1	-0.2%
32.1%	56.8	56.7	-0.1	-0.2%
33.3%	56.8	56.7	-0.1	-0.2%
34.6%	56.8	56.7	-0.1	-0.2%
35.8%	56.7	56.7	-0.1	-0.1%
37.0%	56.7	56.6	-0.1	-0.3%
38.3%	56.6	56.4	-0.2	-0.4%
39.5%	56.6	56.4	-0.3	-0.4%
40.7%	56.6	56.4	-0.2	-0.4%
42.0%	56.6	56.3	-0.2	-0.4%
43.2%	56.5	56.3	-0.3	-0.5%
44.4%	56.5	56.1	-0.3	-0.6%
45.7%	56.5	56.1	-0.4	-0.6%
46.9%	56.5	56.0	-0.5	-0.8%
48.1%	56.5	55.9	-0.5	-0.9%
49.4%	56.4	55.9	-0.5	-0.9%
50.6%	56.4	55.8	-0.5	-0.9%
51.9%	56.3	55.8	-0.6	-1.0%
53.1%	56.2	55.8	-0.4	-0.8%
54.3%	56.2	55.8	-0.4	-0.7%
55.6%	56.0	55.8	-0.3	-0.5%
56.8%	56.0	55.7	-0.3	-0.5%
58.0%	56.0	55.6	-0.4	-0.7%
59.3%	56.0	55.6	-0.4	-0.7%
60.5%	55.7	55.6	-0.1	-0.3%
61.7%	55.7	55.6	-0.2	-0.3%
63.0%	55.7	55.6	-0.2	-0.3%
64.2%	55.7	55.5	-0.2	-0.4%
65.4%	55.6	55.4	-0.2	-0.4%
66.7%	55.6	55.4	-0.2	-0.4%
67.9%	55.6	55.4	-0.2	-0.4%
69.1%	55.6	55.3	-0.3	-0.5%
70.4%	55.4	55.2	-0.3	-0.5%
71.6%	55.4	55.0	-0.4	-0.7%
72.8%	55.4	55.0	-0.3	-0.6%
74.1%	55.3	55.0	-0.3	-0.6%
75.3%	55.2	54.8	-0.4	-0.7%
76.5%	55.1	54.8	-0.4	-0.6%
77.8%	54.9	54.8	-0.2	-0.4%
79.0%	54.9	54.7	-0.2	-0.3%
80.2%	54.9	54.7	-0.2	-0.4%
81.5%	54.9	54.6	-0.2	-0.4%
82.7%	54.9	54.6	-0.3	-0.5%
84.0%	54.7	54.5	-0.1	-0.2%
85.2%	54.6	54.5	-0.1	-0.2%
86.4%	54.4	54.4	0.0	-0.1%
87.7%	54.3	54.0	-0.2	-0.4%
88.9%	54.2	54.0	-0.2	-0.3%
90.1%	54.2	53.9	-0.2	-0.5%
91.4%	54.1	53.9	-0.3	-0.5%
92.6%	54.0	53.8	-0.2	-0.3%
93.8%	54.0	53.8	-0.2	-0.3%
95.1%	53.5	53.6	0.1	0.2%
96.3%	53.5	53.3	-0.2	-0.3%
97.5%	53.4	53.1	-0.3	-0.6%
98.8%	53.3	53.1	-0.2	-0.4%
100.0%	53.2	53.0	0.0	-0.5%

November				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.7	53.8	0.1	0.2%
1.2%	53.5	53.7	0.2	0.3%
2.5%	53.5	53.1	-0.4	-0.7%
3.7%	53.2	53.1	-0.1	-0.2%
4.9%	53.0	53.0	0.0	0.0%
6.2%	52.8	52.9	0.0	0.1%
7.4%	52.7	52.6	-0.1	-0.2%
8.6%	52.6	52.5	0.0	-0.1%
9.9%	52.5	52.4	-0.1	-0.2%
11.1%	52.5	52.2	-0.3	-0.5%
12.3%	52.5	52.1	-0.4	-0.7%
13.6%	52.4	52.1	-0.4	-0.7%
14.8%	52.4	52.1	-0.3	-0.6%
16.0%	52.3	52.0	-0.3	-0.5%
17.3%	52.2	52.0	-0.2	-0.4%
18.5%	52.2	52.0	-0.2	-0.4%
19.8%	52.1	51.8	-0.3	-0.6%
21.0%	52.0	51.8	-0.3	-0.5%
22.2%	52.0	51.7	-0.3	-0.7%
23.5%	52.0	51.6	-0.4	-0.7%
24.7%	51.8	51.5	-0.3	-0.5%
25.9%	51.6	51.5	-0.1	-0.3%
27.2%	51.6	51.5	-0.1	-0.2%
28.4%	51.5	51.4	-0.1	-0.1%
29.6%	51.5	51.4	-0.1	-0.1%
30.9%	51.5	51.4	-0.1	-0.2%
32.1%	51.5	51.3	-0.2	-0.4%
33.3%	51.4	51.3	-0.1	-0.3%
34.6%	51.4	51.2	-0.2	-0.4%
35.8%	51.4	51.2	-0.2	-0.3%
37.0%	51.4	51.2	-0.2	-0.3%
38.3%	51.3	51.2	-0.1	-0.2%
39.5%	51.3	51.1	-0.2	-0.3%
40.7%	51.3	51.1	-0.1	-0.3%
42.0%	51.2	51.1	-0.1	-0.2%
43.2%	51.1	51.0	0.0	0.0%
44.4%	51.0	50.9	-0.1	-0.2%
45.7%	51.0	50.9	-0.1	-0.1%
46.9%	51.0	50.9	-0.1	-0.2%
48.1%	50.9	50.9	0.0	-0.1%
49.4%	50.9	50.8	0.0	0.0%
50.6%	50.8	50.8	0.0	-0.1%
51.9%	50.8	50.7	-0.1	-0.1%
53.1%	50.8	50.7	-0.1	-0.2%
54.3%	50.8	50.7	-0.1	-0.2%
55.6%	50.8	50.6	-0.1	-0.2%
56.8%	50.7	50.6	-0.1	-0.2%
58.0%	50.6	50.5	-0.1	-0.2%
59.3%	50.6	50.5	-0.1	-0.2%
60.5%	50.6	50.4	-0.2	-0.3%
61.7%	50.6	50.4	-0.2	-0.3%
63.0%	50.5	50.4	-0.2	-0.3%
64.2%	50.4	50.3	-0.1	-0.2%
65.4%	50.4	50.3	-0.1	-0.3%
66.7%	50.4	50.1	-0.2	-0.5%
67.9%	50.2	50.1	-0.1	-0.2%
69.1%	50.1	50.0	-0.1	-0.2%
70.4%	50.0	49.9	-0.1	-0.1%
71.6%	50.0	49.9	0.0	-0.1%
72.8%	50.0	49.9	-0.1	-0.1%
74.1%	49.9	49.8	-0.1	-0.2%
75.3%	49.9	49.8	-0.1	-0.2%
76.5%	49.9	49.7	-0.2	-0.4%
77.8%	49.8	49.7	-0.2	-0.3%
79.0%	49.7	49.6	-0.1	-0.2%
80.2%	49.7	49.6	-0.1	-0.2%
81.5%	49.7	49.5	-0.1	-0.3%
82.7%	49.6	49.5	-0.1	-0.2%
84.0%	49.6	49.5	-0.1	-0.2%
85.2%	49.6	49.4	-0.1	-0.3%
86.4%	49.5	49.4	-0.1	-0.2%
87.7%	49.4	49.3	-0.1	-0.1%
88.9%	49.0	49.2	0.2	0.4%
90.1%	49.0	49.0	0.0	0.0%
91.4%	48.9	48.9	0.0	0.1%
92.6%	48.9	48.9	0.0	0.0%
93.8%	48.9	48.8	-0.1	-0.2%
95.1%	48.9	48.8	-0.1	-0.2%
96.3%	48.7	48.3	-0.4	-0.7%
97.5%	48.5	48.3	-0.2	-0.5%
98.8%	48.3	48.3	-0.1	-0.1%
100.0%	47.5	46.6	-0.9	-1.9%

December				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	49.0	49.1	0.2	0.3%
1.2%	47.7	48.0	0.3	0.6%
2.5%	47.5	47.9	0.4	0.8%
3.7%	47.5	47.8	0.2	0.5%
4.9%	47.4	47.7	0.3	0.7%
6.2%	47.3	47.5	0.1	0.3%
7.4%	47.2	47.4	0.1	0.3%
8.6%	47.2	47.2	-0.1	-0.1%
9.9%	47.2	47.1	-0.1	-0.1%
11.1%	47.0	47.0	0.0	-0.1%
12.3%	47.0	47.0	0.0	0.0%
13.6%	46.9	46.9	0.0	0.0%
14.8%	46.9	46.8	0.0	-0.1%
16.0%	46.9	46.6	-0.2	-0.5%
17.3%	46.7	46.6	-0.2	-0.4%
18.5%	46.7	46.5	-0.2	-0.4%
19.8%	46.5	46.5	0.1	0.1%
21.0%	46.4	46.5	0.0	0.1%
22.2%	46.4	46.4	0.0	0.1%
23.5%	46.4	46.4	0.0	-0.1%
24.7%	46.2	46.3	0.1	0.3%
25.9%	46.2	46.3	0.1	0.3%
27.2%	46.1	46.3	0.2	0.3%
28.4%	46.1	46.2	0.1	0.2%
29.6%	46.1	46.2	0.1	0.3%
30.9%	46.1	46.2	0.1	0.3%
32.1%	46.0	46.2	0.1	0.3%
33.3%	46.0	46.1	0.1	0.3%
34.6%	46.0	46.1	0.2	0.3%
35.8%	45.9	46.1	0.2	0.4%
37.0%	45.9	46.1	0.2	0.4%
38.3%	45.9	46.1	0.2	0.4%
39.5%	45.9	46.1	0.2	0.4%
40.7%	45.9	46.0	0.2	0.3%
42.0%	45.8	46.0	0.2	0.4%
43.2%	45.8	46.0	0.2	0.4%
44.4%	45.8	45.9	0.1	0.3%
45.7%	45.8	45.9	0.1	0.2%
46.9%	45.8	45.9	0.1	0.1%
48.1%	45.7	45.9	0.2	0.4%
49.4%	45.7	45.9	0.2	0.4%
50.6%	45.7	45.8	0.1	0.3%
51.9%	45.7	45.8	0.1	0.3%
53.1%	45.7	45.8	0.1	0.2%
54.3%	45.6	45.7	0.1	0.1%
55.6%	45.6	45.7	0.0	0.1%
56.8%	45.6	45.7	0.1	0.2%
58.0%	45.6	45.5	-0.1	-0.2%
59.3%	45.5	45.5	0.0	-0.1%
60.5%	45.5	45.4	0.0	0.0%
61.7%	45.3	45.4	0.1	0.2%
63.0%	45.3	45.4	0.1	0.3%
64.2%	45.2	45.4	0.2	0.5%
65.4%	45.1	45.2	0.0	0.1%
66.7%	45.1	45.2	0.1	0.2%
67.9%	45.1	45.2	0.1	0.1%
69.1%	44.9	45.0	0.1	0.3%
70.4%	44.7	45.0	0.3	0.6%
71.6%	44.6	44.9	0.3	0.8%
72.8%	44.6	44.9	0.3	0.8%
74.1%	44.5	44.9	0.4	0.8%
75.3%	44.5	44.9	0.4	0.8%
76.5%	44.4	44.8	0.4	0.9%
77.8%	44.4	44.8	0.5	1.0%
79.0%	44.4	44.7	0.3	0.8%
80.2%	44.4	44.5	0.1	0.3%
81.5%	44.4	44.5	0.1	0.3%
82.7%	44.3	44.5	0.1	0.3%
84.0%	44.3	44.4	0.2	0.3%
85.2%	44.2	44.4	0.2	0.4%
86.4%	44.1	44.3	0.1	0.3%
87.7%	44.1	44.3	0.2	0.4%
88.9%	44.1	44.2	0.1	0.3%
90.1%	44.0	44.2	0.2	0.4%
91.4%	43.9	44.1	0.2	0.5%
92.6%	43.8	44.0	0.2	0.5%
93.8%	43.7	44.0	0.3	0.6%
95.1%	43.7	43.9	0.2	0.6%
96.3%	43.5	43.8	0.2	0.5%
97.5%	43.5	43.6	0.1	0.3%
98.8%	43.2	43.3	0.2	0.4%
100.0%	41.7	41.9	0.2	0.4%

January				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.7	47.9	0.2	0.5%
1.2%	47.1	47.2	0.1	0.3%
2.5%	46.5	46.8	0.3	0.6%
3.7%	46.2	46.3	0.1	0.2%
4.9%	46.1	46.1	0.0	0.0%
6.2%	45.9	46.0	0.1	0.3%
7.4%	45.9	46.0	0.1	0.3%
8.6%	45.8	45.9	0.2	0.4%
9.9%	45.7	45.9	0.2	0.5%
11.1%	45.6	45.9	0.2	0.5%
12.3%	45.6	45.7	0.0	0.1%
13.6%	45.6	45.7	0.1	0.1%
14.8%	45.5	45.5	0.0	0.0%
16.0%	45.5	45.5	0.0	0.0%
17.3%	45.5	45.5	0.1	0.2%
18.5%	45.4	45.5	0.0	0.1%
19.8%	45.4	45.5	0.1	0.2%
21.0%	45.3	45.5	0.1	0.3%
22.2%	45.3	45.4	0.1	0.3%
23.5%	45.3	45.4	0.1	0.3%
24.7%	45.2	45.4	0.2	0.4%
25.9%	45.2	45.4	0.2	0.4%
27.2%	45.2	45.3	0.2	0.4%
28.4%	45.1	45.3	0.2	0.4%
29.6%	45.1	45.2	0.1	0.3%
30.9%	45.1	45.2	0.1	0.3%
32.1%	45.0	45.2	0.1	0.3%
33.3%	45.0	45.2	0.1	0.3%
34.6%	44.9	45.1	0.2	0.4%
35.8%	44.9	45.0	0.1	0.3%
37.0%	44.9	45.0	0.1	0.2%
38.3%	44.8	44.9	0.1	0.3%
39.5%	44.8	44.9	0.1	0.3%
40.7%	44.8	44.9	0.1	0.2%
42.0%	44.8	44.8	0.1	0.2%
43.2%	44.7	44.8	0.1	0.2%
44.4%	44.6	44.8	0.2	0.4%
45.7%	44.6	44.8	0.2	0.4%
46.9%	44.5	44.6	0.1	0.2%
48.1%	44.5	44.6	0.1	0.1%
49.4%	44.5	44.6	0.1	0.2%
50.6%	44.5	44.6	0.1	0.2%
51.9%	44.5	44.5	0.1	0.1%
53.1%	44.4	44.5	0.1	0.2%
54.3%	44.4	44.5	0.1	0.2%
55.6%	44.4	44.5	0.1	0.2%
56.8%	44.2	44.4	0.2	0.4%
58.0%	44.2	44.3	0.2	0.4%
59.3%	44.1	44.3	0.2	0.4%
60.5%	44.1	44.2	0.1	0.2%
61.7%	44.0	44.2	0.1	0.3%
63.0%	44.0	44.2	0.2	0.4%
64.2%	44.0	44.2	0.2	0.4%
65.4%	43.9	44.1	0.2	0.4%
66.7%	43.9	44.1	0.2	0.4%
67.9%	43.8	44.1	0.2	0.5%
69.1%	43.8	44.1	0.3	0.6%
70.4%	43.7	44.0	0.2	0.5%
71.6%	43.7	43.9	0.2	0.5%
72.8%	43.7	43.9	0.2	0.5%
74.1%	43.7	43.9	0.2	0.5%
75.3%	43.6	43.9	0.2	0.5%
76.5%	43.5	43.8	0.3	0.7%
77.8%	43.5	43.8	0.3	0.7%
79.0%	43.5	43.8	0.3	0.7%
80.2%	43.5	43.7	0.2	0.6%
81.5%	43.4	43.7	0.2	0.5%
82.7%	43.4	43.6	0.2	0.4%
84.0%	43.3	43.5	0.2	0.5%
85.2%	43.2	43.4	0.1	0.3%
86.4%	43.2	43.3	0.2	0.4%
87.7%	43.1	43.3	0.2	0.4%
88.9%	43.1	43.3	0.1	0.3%
90.1%	43.1	43.2	0.1	0.2%
91.4%	42.9	43.1	0.2	0.4%
92.6%	42.9	42.9	0.0	0.0%
93.8%	42.8	42.8	0.1	0.1%
95.1%	42.7	42.7	0.0	0.1%
96.3%	42.5	42.7	0.2	0.6%
97.5%	42.4	42.5	0.1	0.2%
98.8%	42.2	42.2	0.0	0.0%
100.0%	41.6	42.0	0.4	0.9%

Table SQ-08-7b

Sacramento River below Hamilton City, Monthly Temperature

Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	49.8	50.0	0.1	0.3%
1.2%	49.2	49.2	0.0	0.0%
2.5%	49.1	49.2	0.1	0.1%
3.7%	49.1	49.2	0.0	0.1%
4.9%	49.1	49.1	-0.1	-0.1%
6.2%	48.9	49.0	0.2	0.3%
7.4%	48.7	49.0	0.2	0.5%
8.6%	48.6	48.8	0.2	0.5%
9.9%	48.6	48.5	-0.1	-0.2%
11.1%	48.5	48.4	-0.2	-0.3%
12.3%	48.2	48.3	0.1	0.1%
13.6%	48.1	48.3	0.2	0.4%
14.8%	48.1	48.2	0.1	0.2%
16.0%	47.9	48.0	0.1	0.2%
17.3%	47.9	47.9	0.0	0.1%
18.5%	47.8	47.9	0.1	0.1%
19.8%	47.7	47.8	0.1	0.1%
21.0%	47.7	47.7	0.0	0.0%
22.2%	47.7	47.7	0.0	-0.1%
23.5%	47.7	47.6	-0.1	-0.2%
24.7%	47.6	47.5	-0.1	-0.2%
25.9%	47.5	47.5	-0.1	-0.1%
27.2%	47.4	47.5	0.0	0.1%
28.4%	47.4	47.4	0.0	-0.1%
29.6%	47.4	47.4	0.0	0.0%
30.9%	47.3	47.3	0.0	0.1%
32.1%	47.3	47.3	0.0	0.1%
33.3%	47.2	47.3	0.0	0.0%
34.6%	47.2	47.3	0.0	0.0%
35.8%	47.2	47.2	-0.1	-0.1%
37.0%	47.2	47.2	0.0	-0.1%
38.3%	47.2	47.2	0.0	0.0%
39.5%	47.2	47.2	0.0	0.0%
40.7%	47.1	47.1	0.0	0.0%
42.0%	47.1	47.1	0.0	0.1%
43.2%	47.0	47.1	0.1	0.2%
44.4%	47.0	47.0	0.0	0.1%
45.7%	46.9	46.9	0.0	-0.1%
46.9%	46.9	46.9	0.0	0.1%
48.1%	46.8	46.9	0.1	0.3%
49.4%	46.7	46.7	0.0	0.0%
50.6%	46.7	46.7	0.1	0.1%
51.9%	46.7	46.7	0.1	0.1%
53.1%	46.7	46.6	0.0	-0.1%
54.3%	46.6	46.6	0.0	0.0%
55.6%	46.6	46.6	0.0	0.0%
56.8%	46.5	46.5	0.1	0.1%
58.0%	46.5	46.5	0.0	0.1%
59.3%	46.4	46.5	0.0	0.1%
60.5%	46.4	46.5	0.1	0.2%
61.7%	46.4	46.5	0.1	0.2%
63.0%	46.4	46.5	0.1	0.2%
64.2%	46.3	46.4	0.0	0.1%
65.4%	46.3	46.4	0.0	0.1%
66.7%	46.3	46.4	0.0	0.1%
67.9%	46.3	46.3	0.0	0.1%
69.1%	46.2	46.3	0.0	0.1%
70.4%	46.2	46.3	0.1	0.1%
71.6%	46.1	46.2	0.1	0.1%
72.8%	46.1	46.1	0.0	-0.1%
74.1%	45.9	45.9	0.0	0.0%
75.3%	45.8	45.9	0.0	0.1%
76.5%	45.7	45.8	0.0	0.1%
77.8%	45.7	45.7	0.0	0.1%
79.0%	45.7	45.7	0.0	0.0%
80.2%	45.6	45.6	0.0	0.1%
81.5%	45.5	45.6	0.1	0.2%
82.7%	45.5	45.5	0.1	0.2%
84.0%	45.4	45.5	0.1	0.1%
85.2%	45.3	45.3	0.0	0.0%
86.4%	45.2	45.2	0.0	0.0%
87.7%	45.2	45.1	0.0	-0.1%
88.9%	45.1	45.1	0.1	0.1%
90.1%	45.0	45.1	0.0	0.1%
91.4%	44.9	45.0	0.1	0.2%
92.6%	44.9	45.0	0.1	0.2%
93.8%	44.9	44.9	0.0	0.1%
95.1%	44.7	44.8	0.0	0.1%
96.3%	44.7	44.7	0.0	0.1%
97.5%	44.6	44.7	0.0	0.1%
98.8%	44.3	44.3	0.0	0.1%
100.0%	43.7	43.7	0.0	0.0%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	55.3	55.2	0.0	0.0%
1.2%	55.0	55.2	0.2	0.3%
2.5%	54.8	54.9	0.1	0.2%
3.7%	54.6	54.5	0.0	-0.1%
4.9%	54.1	54.0	0.0	0.0%
6.2%	53.9	54.0	0.2	0.3%
7.4%	53.5	53.4	-0.1	-0.2%
8.6%	53.2	53.3	0.1	0.1%
9.9%	53.0	53.0	0.0	0.1%
11.1%	52.8	53.0	0.2	0.4%
12.3%	52.7	52.8	0.1	0.1%
13.6%	52.7	52.7	0.0	0.1%
14.8%	52.6	52.7	0.1	0.3%
16.0%	52.5	52.7	0.2	0.3%
17.3%	52.5	52.6	0.1	0.3%
18.5%	52.4	52.6	0.1	0.2%
19.8%	52.4	52.5	0.1	0.2%
21.0%	52.4	52.5	0.1	0.2%
22.2%	52.4	52.4	0.0	0.1%
23.5%	52.3	52.4	0.0	0.1%
24.7%	52.1	52.2	0.1	0.1%
25.9%	52.1	52.2	0.1	0.1%
27.2%	51.9	52.1	0.2	0.5%
28.4%	51.8	52.0	0.2	0.4%
29.6%	51.8	52.0	0.2	0.4%
30.9%	51.7	51.9	0.2	0.4%
32.1%	51.6	51.8	0.1	0.3%
33.3%	51.4	51.6	0.1	0.3%
34.6%	51.4	51.4	0.0	0.0%
35.8%	51.4	51.4	0.0	0.0%
37.0%	51.3	51.4	0.1	0.1%
38.3%	51.2	51.4	0.1	0.2%
39.5%	51.2	51.3	0.1	0.1%
40.7%	51.1	51.3	0.1	0.3%
42.0%	51.1	51.2	0.1	0.2%
43.2%	51.1	51.1	0.0	0.0%
44.4%	51.1	51.1	0.1	0.1%
45.7%	51.0	51.1	0.1	0.1%
46.9%	51.0	51.1	0.0	0.1%
48.1%	50.9	51.0	0.1	0.3%
49.4%	50.9	51.0	0.1	0.3%
50.6%	50.8	51.0	0.2	0.3%
51.9%	50.6	50.9	0.3	0.5%
53.1%	50.6	50.8	0.2	0.3%
54.3%	50.6	50.7	0.2	0.3%
55.6%	50.5	50.6	0.1	0.2%
56.8%	50.5	50.6	0.1	0.1%
58.0%	50.5	50.6	0.1	0.2%
59.3%	50.5	50.5	0.1	0.1%
60.5%	50.3	50.3	0.0	0.1%
61.7%	50.3	50.3	0.0	0.0%
63.0%	50.2	50.3	0.1	0.2%
64.2%	50.2	50.2	0.1	0.1%
65.4%	50.1	50.1	0.0	0.1%
66.7%	50.1	50.1	0.0	0.0%
67.9%	50.0	50.1	0.0	0.1%
69.1%	49.8	50.0	0.2	0.5%
70.4%	49.8	49.9	0.1	0.2%
71.6%	49.7	49.8	0.1	0.2%
72.8%	49.7	49.8	0.1	0.2%
74.1%	49.5	49.7	0.2	0.4%
75.3%	49.5	49.6	0.1	0.3%
76.5%	49.4	49.5	0.1	0.2%
77.8%	49.4	49.5	0.1	0.1%
79.0%	49.1	49.1	0.0	0.0%
80.2%	49.0	49.0	0.0	0.0%
81.5%	48.8	48.9	0.0	0.1%
82.7%	48.8	48.9	0.0	0.1%
84.0%	48.7	48.8	0.0	0.0%
85.2%	48.6	48.7	0.1	0.1%
86.4%	48.6	48.7	0.1	0.2%
87.7%	48.6	48.7	0.1	0.2%
88.9%	48.5	48.6	0.1	0.3%
90.1%	48.4	48.4	0.0	0.1%
91.4%	48.2	48.4	0.1	0.3%
92.6%	48.2	48.3	0.2	0.4%
93.8%	48.1	48.1	0.0	0.0%
95.1%	48.0	48.0	0.0	0.0%
96.3%	47.8	47.8	0.0	0.0%
97.5%	47.5	47.6	0.1	0.1%
98.8%	47.5	47.5	0.0	0.0%
100.0%	47.1	47.1	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.5	60.1	0.6	1.0%
1.2%	58.7	59.9	1.2	2.0%
2.5%	58.6	59.5	0.8	1.4%
3.7%	58.4	58.9	0.5	0.9%
4.9%	58.2	58.5	0.3	0.5%
6.2%	57.7	58.4	0.8	1.3%
7.4%	57.5	58.4	0.9	1.6%
8.6%	57.3	58.3	1.0	1.8%
9.9%	57.3	58.3	1.1	1.8%
11.1%	57.3	58.2	1.0	1.7%
12.3%	57.1	58.0	0.9	1.5%
13.6%	57.1	57.8	0.7	1.3%
14.8%	57.1	57.6	0.5	1.0%
16.0%	57.0	57.6	0.6	1.0%
17.3%	57.0	57.5	0.5	0.9%
18.5%	56.9	57.4	0.5	0.9%
19.8%	56.5	57.3	0.7	1.3%
21.0%	56.5	57.2	0.6	1.1%
22.2%	56.5	57.1	0.6	1.1%
23.5%	56.5	57.1	0.6	1.1%
24.7%	56.4	57.1	0.7	1.2%
25.9%	56.4	57.1	0.7	1.2%
27.2%	56.4	57.0	0.7	1.2%
28.4%	56.3	57.0	0.7	1.3%
29.6%	56.3	57.0	0.7	1.3%
30.9%	56.2	56.8	0.6	1.0%
32.1%	56.2	56.7	0.5	0.9%
33.3%	56.2	56.6	0.4	0.6%
34.6%	56.2	56.6	0.4	0.7%
35.8%	56.1	56.5	0.4	0.8%
37.0%	56.1	56.5	0.4	0.7%
38.3%	56.0	56.4	0.4	0.7%
39.5%	56.0	56.4	0.4	0.7%
40.7%	55.9	56.2	0.3	0.6%
42.0%	55.8	56.2	0.4	0.6%
43.2%	55.8	56.2	0.4	0.7%
44.4%	55.7	56.1	0.4	0.7%
45.7%	55.7	56.1	0.4	0.7%
46.9%	55.7	56.1	0.4	0.7%
48.1%	55.6	56.0	0.5	0.8%
49.4%	55.6	55.9	0.4	0.7%
50.6%	55.5	55.9	0.4	0.7%
51.9%	55.4	55.9	0.5	0.8%
53.1%	55.4	55.7	0.3	0.6%
54.3%	55.4	55.7	0.3	0.6%
55.6%	55.4	55.7	0.3	0.5%
56.8%	55.3	55.7	0.3	0.6%
58.0%	55.0	55.6	0.7	1.2%
59.3%	55.0	55.6	0.7	1.2%
60.5%	54.9	55.6	0.7	1.3%
61.7%	54.9	55.6	0.7	1.2%
63.0%	54.8	55.3	0.5	1.0%
64.2%	54.7	55.3	0.6	1.1%
65.4%	54.6	55.0	0.4	0.7%
66.7%	54.6	54.9	0.4	0.7%
67.9%	54.5	54.8	0.3	0.6%
69.1%	54.5	54.8	0.2	0.4%
70.4%	54.2	54.6	0.4	0.8%
71.6%	54.2	54.5	0.4	0.7%
72.8%	54.1	54.5	0.4	0.8%
74.1%	53.8	54.4	0.5	1.0%
75.3%	53.8	54.3	0.5	0.9%
76.5%	53.7	54.1	0.4	0.7%
77.8%	53.6	53.9	0.2	0.4%
79.0%	53.6	53.8	0.2	0.4%
80.2%	53.5	53.8	0.3	0.5%
81.5%	53.4	53.7	0.2	0.4%
82.7%	53.3	53.7	0.3	0.6%
84.0%	53.3	53.6	0.3	0.6%
85.2%	53.0	53.4	0.5	0.9%
86.4%	52.9	53.3	0.4	0.7%
87.7%	52.9	53.0	0.1	0.2%
88.9%	52.8	53.0	0.1	0.2%
90.1%	52.8	52.9	0.1	0.2%
91.4%	52.7	52.8	0.1	0.2%
92.6%	52.5	52.8	0.2	0.5%
93.8%	52.5	52.6	0.1	0.2%
95.1%	52.4	52.5	0.1	0.2%
96.3%	52.3	52.5	0.2	0.4%
97.5%	51.5	51.4	0.0	-0.1%
98.8%	50.5	50.5	-0.1	-0.1%
100.0%	49.2	49.2	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	63.3	63.0	-0.3	-0.5%
1.2%	63.1	62.7	-0.4	-0.6%
2.5%	62.9	62.5	-0.4	-0.7%
3.7%	62.4	62.0	-0.4	-0.6%
4.9%	62.0	61.9	0.0	0.0%
6.2%	61.8	61.9	0.1	0.2%
7.4%	61.6	61.8	0.2	0.3%
8.6%	61.6	61.7	0.1	0.2%
9.9%	61.5	61.7	0.1	0.2%
11.1%	61.4	61.6	0.2	0.3%
12.3%	61.4	61.5	0.1	0.2%
13.6%	61.4	61.5	0.1	0.1%
14.8%	61.3	61.4	0.1	0.1%
16.0%	61.3	61.4	0.1	0.2%
17.3%	61.1	61.4	0.2	0.3%
18.5%	61.0	61.2	0.2	0.4%
19.8%	61.0	61.2	0.2	0.4%
21.0%	61.0	61.0	0.0	0.1%
22.2%	60.6	61.0	0.4	0.7%
23.5%	60.5	61.0	0.5	0.7%
24.7%	60.5	60.7	0.2	0.3%
25.9%	60.3	60.5	0.2	0.2%
27.2%	60.2	60.4	0.2	0.3%
28.4%	60.1	60.3	0.2	0.3%
29.6%	60.1	60.3	0.1	0.2%
30.9%	60.1	60.2	0.1	0.2%
32.1%	60.1	60.2	0.1	0.1%
33.3%	60.1	60.1	0.1	0.1%
34.6%	60.1	60.1	0.0	0.0%
35.8%	59.9	60.1	0.1	0.2%
37.0%	59.8	60.0	0.2	0.3%
38.3%	59.7	60.0	0.2	0.4%
39.5%	59.7	59.9	0.2	0.4%
40.7%	59.7	59.8	0.2	0.3%
42.0%	59.5	59.8	0.3	0.5%
43.2%	59.5	59.8	0.3	0.5%
44.4%	59.4	59.8	0.4	0.7%
45.7%	59.4	59.7	0.4	0.6%
46.9%	59.4	59.7	0.3	0.6%
48.1%	59.3	59.7	0.3	0.6%
49.4%	59.3	59.6	0.3	0.5%
50.6%	59.3	59.6	0.3	0.5%
51.9%	59.3	59.5	0.2	0.4%
53.1%	59.2	59.5	0.3	0.5%
54.3%	59.2	59.5	0.3	0.4%
55.6%	59.2	59.5	0.3	0.4%
56.8%	59.2	59.4	0.3	0.4%
58.0%	59.2	59.4	0.2	0.4%
59.3%	59.1	59.4	0.3	0.5%
60.5%	59.1	59.4	0.3	0.5%
61.7%	59.1	59.4	0.3	0.5%
63.0%	59.0	59.4	0.3	0.6%
64.2%	59.0	59.3	0.3	0.5%
65.4%	58.9	59.3	0.4	0.7%
66.7%	58.9	59.3	0.4	0.7%
67.9%	58.7	59.2	0.5	0.9%
69.1%	58.7	59.2	0.5	0.9%
70.4%	58.6	59.2	0.5	0.9%
71.6%	58.6	59.1	0.5	0.8%
72.8%	58.5	59.0	0.5	0.8%
74.1%	58.5	58.9	0.4	0.7%
75.3%	58.5	58.9	0.4	0.6%
76.5%	58.5	58.8	0.4	0.6%
77.8%	58.4	58.6	0.2	0.4%
79.0%	58.3	58.5	0.2	0.3%
80.2%	58.3	58.5	0.2	0.3%
81.5%	58.2	58.5	0.3	0.5%
82.7%	58.2	58.4	0.2	0.4%
84.0%	58.2	58.4	0.2	0.4%
85.2%	58.1	58.4	0.3	0.4%
86.4%	58.0	58.1	0.1	0.2%
87.7%	58.0	58.1	0.1	0.2%
88.9%	57.9	58.0	0.1	0.2%
90.1%	57.7	57.9	0.2	0.3%
91.4%	57.1	57.8	0.7	1.2%
92.6%	57.1	57.3	0.2	0.4%
93.8%	56.9	56.9	-0.1	-0.1%
95.1%	56.9	56.8	0.0	-0.1%
96.3%	56.7	56.7	0.0	0.1%
97.5%	56.4	56.3	-0.2	-0.3%
98.8%	56.2	56.1	-0.1	-0.3%
100.0%	54.2	54.2	0.0	0.0%

Table SQ-08-7b

Sacramento River below Hamilton City, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	64.0	64.3	0.2	0.4%
1.2%	64.0	63.7	-0.3	-0.4%
2.5%	63.9	63.3	-0.7	-1.0%
3.7%	63.4	63.1	-0.3	-0.5%
4.9%	63.2	63.0	-0.2	-0.3%
6.2%	62.5	62.7	0.3	0.4%
7.4%	62.3	62.7	0.4	0.7%
8.6%	62.2	62.5	0.4	0.6%
9.9%	62.1	62.2	0.1	0.2%
11.1%	62.1	62.2	0.1	0.1%
12.3%	62.1	62.0	-0.1	-0.2%
13.6%	62.0	61.7	-0.3	-0.4%
14.8%	62.0	61.6	-0.3	-0.6%
16.0%	61.8	61.6	-0.2	-0.2%
17.3%	61.7	61.6	-0.1	-0.2%
18.5%	61.7	61.5	-0.1	-0.2%
19.8%	61.6	61.5	0.0	-0.1%
21.0%	61.4	61.5	0.1	0.1%
22.2%	61.4	61.4	0.0	0.0%
23.5%	61.4	61.4	0.0	0.0%
24.7%	61.3	61.3	-0.1	-0.1%
25.9%	61.2	61.2	0.0	0.0%
27.2%	61.2	61.2	0.0	0.0%
28.4%	61.1	61.1	-0.1	-0.1%
29.6%	61.1	61.0	-0.1	-0.2%
30.9%	61.1	61.0	-0.1	-0.1%
32.1%	61.1	61.0	-0.1	-0.1%
33.3%	61.0	61.0	0.0	0.0%
34.6%	61.0	60.9	-0.1	-0.1%
35.8%	61.0	60.9	-0.1	-0.2%
37.0%	61.0	60.8	-0.2	-0.3%
38.3%	61.0	60.8	-0.2	-0.3%
39.5%	60.8	60.8	0.0	-0.1%
40.7%	60.8	60.7	0.0	-0.1%
42.0%	60.7	60.7	0.0	0.0%
43.2%	60.7	60.7	0.0	0.0%
44.4%	60.7	60.7	0.0	0.1%
45.7%	60.6	60.7	0.0	0.1%
46.9%	60.6	60.7	0.1	0.1%
48.1%	60.6	60.7	0.1	0.2%
49.4%	60.5	60.6	0.1	0.2%
50.6%	60.5	60.6	0.1	0.2%
51.9%	60.5	60.6	0.1	0.2%
53.1%	60.2	60.5	0.3	0.5%
54.3%	60.2	60.5	0.3	0.5%
55.6%	60.2	60.5	0.3	0.5%
56.8%	60.2	60.5	0.3	0.5%
58.0%	60.1	60.5	0.4	0.7%
59.3%	60.1	60.5	0.4	0.7%
60.5%	60.0	60.3	0.3	0.5%
61.7%	60.0	60.3	0.3	0.5%
63.0%	60.0	60.3	0.3	0.4%
64.2%	60.0	60.3	0.2	0.4%
65.4%	60.0	60.2	0.2	0.3%
66.7%	60.0	60.1	0.1	0.2%
67.9%	60.0	60.1	0.1	0.2%
69.1%	59.9	60.0	0.0	0.1%
70.4%	59.9	60.0	0.1	0.1%
71.6%	59.9	59.9	0.1	0.1%
72.8%	59.8	59.9	0.1	0.1%
74.1%	59.8	59.9	0.1	0.2%
75.3%	59.7	59.9	0.2	0.3%
76.5%	59.7	59.8	0.2	0.3%
77.8%	59.6	59.8	0.2	0.3%
79.0%	59.6	59.8	0.2	0.3%
80.2%	59.6	59.8	0.2	0.3%
81.5%	59.6	59.7	0.1	0.1%
82.7%	59.6	59.6	0.0	0.1%
84.0%	59.5	59.6	0.1	0.1%
85.2%	59.5	59.6	0.1	0.2%
86.4%	59.4	59.5	0.1	0.2%
87.7%	59.4	59.5	0.1	0.2%
88.9%	59.3	59.5	0.2	0.3%
90.1%	59.3	59.2	-0.1	-0.1%
91.4%	59.1	59.2	0.0	0.0%
92.6%	59.1	59.1	0.0	-0.1%
93.8%	59.1	58.9	-0.1	-0.2%
95.1%	59.1	58.9	-0.1	-0.2%
96.3%	58.8	58.8	0.0	0.0%
97.5%	58.4	58.3	-0.1	-0.2%
98.8%	58.1	58.2	0.0	0.1%
100.0%	57.6	58.1	0.5	0.8%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.2	65.6	-0.7	-1.0%
1.2%	66.0	65.5	-0.6	-0.8%
2.5%	65.0	65.4	0.4	0.6%
3.7%	65.0	65.2	0.2	0.4%
4.9%	64.7	64.3	-0.4	-0.5%
6.2%	64.5	64.2	-0.3	-0.4%
7.4%	64.2	63.9	-0.3	-0.5%
8.6%	64.1	63.9	-0.2	-0.4%
9.9%	64.0	63.8	-0.2	-0.3%
11.1%	63.9	63.6	-0.2	-0.4%
12.3%	63.8	63.6	-0.3	-0.4%
13.6%	63.7	63.4	-0.3	-0.5%
14.8%	63.6	63.2	-0.4	-0.6%
16.0%	63.4	63.2	-0.2	-0.3%
17.3%	63.3	63.1	-0.2	-0.3%
18.5%	63.2	63.1	-0.1	-0.2%
19.8%	63.2	63.1	0.0	-0.1%
21.0%	63.1	63.1	0.0	0.0%
22.2%	63.0	63.1	0.1	0.1%
23.5%	62.9	63.0	0.0	0.0%
24.7%	62.9	62.9	0.0	0.0%
25.9%	62.9	62.7	-0.2	-0.3%
27.2%	62.7	62.6	-0.1	-0.2%
28.4%	62.7	62.6	-0.1	-0.1%
29.6%	62.6	62.6	0.0	0.0%
30.9%	62.5	62.5	0.0	0.0%
32.1%	62.4	62.4	0.0	0.0%
33.3%	62.4	62.4	0.0	0.0%
34.6%	62.4	62.4	0.0	0.0%
35.8%	62.3	62.2	-0.1	-0.1%
37.0%	62.3	62.2	-0.1	-0.2%
38.3%	62.2	62.1	-0.2	-0.3%
39.5%	62.1	62.0	-0.1	-0.2%
40.7%	61.9	61.9	-0.1	-0.1%
42.0%	61.8	61.8	0.0	0.0%
43.2%	61.8	61.8	0.0	0.0%
44.4%	61.6	61.8	0.2	0.3%
45.7%	61.6	61.8	0.2	0.3%
46.9%	61.5	61.7	0.2	0.4%
48.1%	61.3	61.7	0.4	0.6%
49.4%	61.3	61.7	0.3	0.5%
50.6%	61.3	61.7	0.3	0.5%
51.9%	61.3	61.5	0.3	0.4%
53.1%	61.2	61.5	0.3	0.4%
54.3%	61.2	61.4	0.2	0.3%
55.6%	61.2	61.4	0.2	0.3%
56.8%	61.2	61.2	0.0	0.1%
58.0%	61.1	61.2	0.0	0.1%
59.3%	61.1	61.2	0.0	0.0%
60.5%	61.1	61.1	0.0	0.0%
61.7%	61.1	61.1	0.0	0.0%
63.0%	61.1	61.0	-0.1	-0.1%
64.2%	61.0	60.9	-0.1	-0.2%
65.4%	61.0	60.9	-0.1	-0.1%
66.7%	60.9	60.8	-0.1	-0.1%
67.9%	60.8	60.8	-0.1	-0.1%
69.1%	60.7	60.7	-0.1	-0.1%
70.4%	60.7	60.7	0.0	0.0%
71.6%	60.7	60.7	0.0	-0.1%
72.8%	60.5	60.6	0.1	0.2%
74.1%	60.5	60.5	0.0	0.1%
75.3%	60.4	60.5	0.1	0.1%
76.5%	60.4	60.5	0.1	0.1%
77.8%	60.4	60.5	0.1	0.2%
79.0%	60.4	60.4	0.1	0.1%
80.2%	60.3	60.4	0.1	0.2%
81.5%	60.3	60.4	0.1	0.2%
82.7%	60.2	60.3	0.1	0.1%
84.0%	60.1	60.3	0.1	0.2%
85.2%	60.1	60.2	0.0	0.1%
86.4%	60.0	59.8	-0.2	-0.3%
87.7%	59.9	59.7	-0.2	-0.3%
88.9%	59.9	59.6	-0.2	-0.4%
90.1%	59.8	59.6	-0.2	-0.3%
91.4%	59.8	59.6	-0.2	-0.3%
92.6%	59.7	59.5	-0.2	-0.4%
93.8%	59.5	59.4	-0.1	-0.1%
95.1%	59.4	59.3	0.0	0.0%
96.3%	59.3	59.2	-0.2	-0.3%
97.5%	59.2	58.9	-0.3	-0.5%
98.8%	59.1	58.7	-0.4	-0.7%
100.0%	58.8	58.6	-0.3	-0.5%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	69.7	68.9	-0.8	-1.1%
1.2%	69.6	65.3	-4.3	-6.2%
2.5%	68.1	65.1	-3.0	-4.4%
3.7%	67.2	64.9	-2.3	-3.4%
4.9%	66.3	64.8	-1.4	-2.2%
6.2%	65.3	64.4	-1.0	-1.5%
7.4%	65.0	64.3	-0.7	-1.1%
8.6%	64.9	64.2	-0.7	-1.1%
9.9%	64.6	63.9	-0.6	-1.0%
11.1%	64.5	63.8	-0.7	-1.2%
12.3%	64.5	63.8	-0.7	-1.1%
13.6%	64.2	63.8	-0.5	-0.7%
14.8%	64.0	63.5	-0.4	-0.7%
16.0%	63.9	63.4	-0.4	-0.7%
17.3%	63.8	63.4	-0.5	-0.7%
18.5%	63.7	63.3	-0.4	-0.7%
19.8%	63.7	63.2	-0.4	-0.7%
21.0%	63.6	63.0	-0.6	-1.0%
22.2%	63.6	63.0	-0.6	-0.9%
23.5%	63.4	63.0	-0.4	-0.6%
24.7%	63.1	63.0	-0.1	-0.2%
25.9%	63.1	63.0	-0.1	-0.2%
27.2%	63.0	62.9	-0.1	-0.1%
28.4%	62.8	62.9	0.1	0.2%
29.6%	62.6	62.9	0.3	0.5%
30.9%	62.6	62.8	0.2	0.4%
32.1%	62.6	62.6	0.0	0.1%
33.3%	62.5	62.5	0.0	-0.1%
34.6%	62.5	62.5	-0.1	-0.1%
35.8%	62.5	62.4	-0.1	-0.2%
37.0%	62.5	62.4	-0.1	-0.1%
38.3%	62.5	62.4	-0.1	-0.1%
39.5%	62.4	62.4	-0.1	-0.1%
40.7%	62.4	62.4	-0.1	-0.1%
42.0%	62.4	62.3	-0.1	-0.2%
43.2%	62.2	62.2	0.0	0.1%
44.4%	62.2	62.1	-0.1	-0.1%
45.7%	62.1	62.1	0.0	-0.1%
46.9%	62.1	62.0	-0.1	-0.2%
48.1%	61.9	62.0	0.0	0.1%
49.4%	61.9	62.0	0.0	0.0%
50.6%	61.9	61.9	0.0	0.0%
51.9%	61.9	61.9	0.0	-0.1%
53.1%	61.8	61.8	0.0	0.0%
54.3%	61.8	61.8	0.0	0.1%
55.6%	61.8	61.8	0.1	0.1%
56.8%	61.8	61.8	0.1	0.1%
58.0%	61.8	61.8	0.1	0.1%
59.3%	61.7	61.8	0.1	0.1%
60.5%	61.7	61.8	0.1	0.1%
61.7%	61.7	61.8	0.1	0.1%
63.0%	61.7	61.7	0.0	0.1%
64.2%	61.7	61.7	0.0	0.0%
65.4%	61.6	61.7	0.1	0.2%
66.7%	61.5	61.6	0.2	0.3%
67.9%	61.5	61.6	0.2	0.3%
69.1%	61.5	61.6	0.1	0.2%
70.4%	61.4	61.5	0.2	0.3%
71.6%	61.3	61.5	0.2	0.3%
72.8%	61.3	61.5	0.2	0.3%
74.1%	61.3	61.3	0.0	0.1%
75.3%	61.2	61.3	0.1	0.1%
76.5%	61.2	61.3	0.1	0.1%
77.8%	61.2	61.2	0.0	0.0%
79.0%	61.1	61.2	0.1	0.1%
80.2%	61.0	61.1	0.1	0.2%
81.5%	61.0	61.1	0.1	0.2%
82.7%	60.9	61.0	0.0	0.1%
84.0%	60.7	60.9	0.3	0.4%
85.2%	60.6	60.8	0.1	0.2%
86.4%	60.5	60.7	0.2	0.3%
87.7%	60.4	60.3	0.0	-0.1%
88.9%	60.3	60.3	0.0	0.1%
90.1%	60.3	60.3	0.0	0.1%
91.4%	60.2	60.2	0.0	0.0%
92.6%	60.2	60.2	0.0	0.0%
93.8%	60.1	60.2	0.1	0.1%
95.1%	59.9	60.1	0.2	0.3%
96.3%	59.8	60.0	0.2	0.3%
97.5%	59.7	60.0	0.3	0.5%
98.8%	59.6	60.0	0.4	0.6%
100.0%	59.6	59.8	0.2	0.4%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.8	66.8	-0.9	-1.3%
1.2%	66.9	66.5	-0.4	-0.5%
2.5%	66.8	66.1	-0.8	-1.1%
3.7%	66.8	65.7	-1.1	-1.7%
4.9%	66.7	65.6	-1.1	-1.6%
6.2%	66.5	65.4	-1.0	-1.5%
7.4%	65.9	65.0	-0.9	-1.3%
8.6%	65.3	64.5	-0.8	-1.2%
9.9%	64.8	64.4	-0.3	-0.5%
11.1%	64.4	64.4	0.0	0.0%
12.3%	64.3	63.9	-0.4	-0.7%
13.6%	64.2	63.8	-0.4	-0.6%
14.8%	64.1	63.3	-0.7	-1.1%
16.0%	64.0	63.3	-0.7	-1.0%
17.3%	63.3	63.1	-0.2	-0.4%
18.5%	63.2	63.0	-0.3	-0.5%
19.8%	63.2	62.8	-0.3	-0.5%
21.0%	63.0	62.8	-0.2	-0.3%
22.2%	62.8	62.7	-0.2	-0.3%
23.5%	62.8	62.5	-0.3	-0.5%
24.7%	62.6	62.3	-0.3	-0.5%
25.9%	62.6	62.2	-0.4	-0.6%
27.2%	62.6	62.1	-0.5	-0.8%
28.4%	62.4	62.1	-0.4	-0.6%
29.6%	62.4	62.0	-0.4	-0.6%
30.9%	62.4	61.9	-0.4	-0.7%
32.1%	62.3	61.9	-0.5	-0.7%
33.3%	62.3	61.8	-0.5	-0.8%
34.6%	62.2	61.8	-0.4	-0.6%
35.8%	62.1	61.7	-0.4	-0.6%
37.0%	62.1	61.6	-0.4	-0.7%
38.3%	62.0	61.6	-0.4	-0.6%
39.5%	62.0	61.6	-0.3	-0.6%
40.7%	61.8	61.6	-0.3	-0.5%
42.0%	61.7	61.3	-0.4	-0.6%
43.2%	61.6	61.3	-0.3	-0.5%
44.4%	61.5	61.3	-0.2	-0.4%
45.7%	61.5	61.3	-0.2	-0.4%
46.9%	61.5	61.2	-0.2	-0.4%
48.1%	61.4	61.1	-0.3	-0.5%
49.4%	61.4	61.1	-0.3	-0.6%
50.6%	61.4	61.0	-0.3	-0.5%
51.9%	61.2	61.0	-0.1	-0.2%
53.1%	61.0	61.0	0.0	0.1%
54.3%	60.9	61.0	0.1	0.2%
55.6%	60.8	60.9	0.1	0.1%
56.8%	60.7	60.9	0.2	0.3%
58.0%	60.7	60.9	0.2	0.3%
59.3%	60.6	60.8	0.3	0.4%
60.5%	60.6	60.8	0.2	0.4%
61.7%	60.6	60.6	0.0	0.1%
63.0%	60.5	60.6	0.1	0.2%
64.2%	60.4	60.5	0.1	0.2%
65.4%	60.3	60.5	0.2	0.4%
66.7%	60.1	60.4	0.3	0.4%
67.9%	60.0	60.2	0.2	0.3%
69.1%	59.9	60.1	0.2	0.3%
70.4%	59.8	60.0	0.2	0.3%
71.6%	59.6	59.9	0.3	0.5%
72.8%	59.6	59.8	0.2	0.3%
74.1%	59.5	59.6	0.1	0.1%
75.3%	59.3	59.5	0.2	0.3%
76.5%	59.2	59.3	0.1	0.1%
77.8%	59.2	59.2	0.0	0.0%
79.0%	59.2	59.2	0.0	0.0%
80.2%	59.1	59.2	0.0	0.1%
81.5%	59.1	59.1	0.0	0.0%
82.7%	59.1	59.1	0.0	0.1%
84.0%	58.9	58.9	0.0	0.0%
85.2%	58.8	58.9	0.0	0.1%
86.4%	58.8	58.9	0.0	0.1%
87.7%	58.8	58.8	0.0	0.1%
88.9%	58.7	58.8	0.1	0.1%
90.1%	58.7	58.7	0.0	0.0%
91.4%	58.6	58.5	-0.1	-0.2%
92.6%	58.5	58.1	-0.4	-0.8%
93.8%	58.5	58.0	-0.5	-0.9%
95.1%	58.2	57.9	-0.3	-0.4%
96.3%	58.0	57.7	-0.3	-0.6%
97.5%	57.3	57.3	0.0	0.0%
98.8%	57.0	56.9	0.0	-0.1%
100.0%	56.8	56.7	-0.1	-0.2%

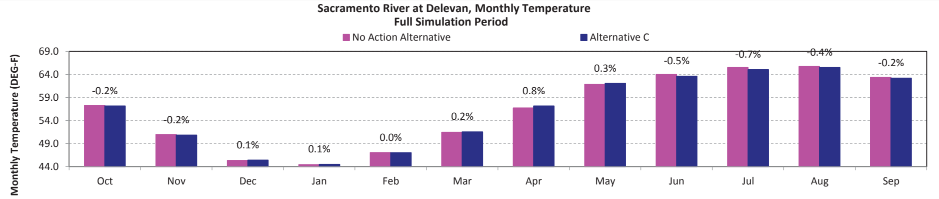
Table SQ-09-7a
Sacramento River at Delevan, Monthly Temperature
Long-term Average and Average by Water Year Type

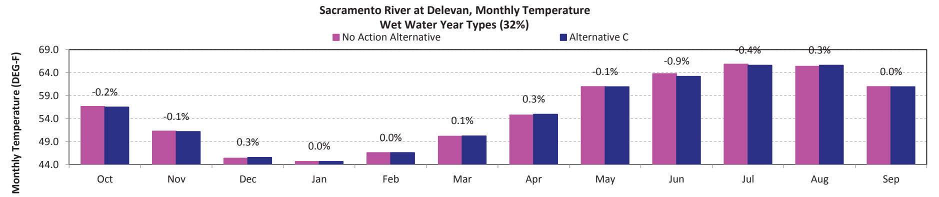
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	57.3	51.0	45.3	44.4	47.0	51.4	56.7	61.9	64.0	65.5	65.7	63.4
Alternative C	57.1	50.8	45.4	44.5	47.0	51.5	57.1	62.1	63.6	65.0	65.5	63.2
Difference	-0.1	-0.1	0.1	0.1	0.0	0.1	0.4	0.2	-0.3	-0.5	-0.2	-0.2
Percent Difference[3]	-0.2%	-0.2%	0.1%	0.1%	0.0%	0.2%	0.8%	0.3%	-0.5%	-0.7%	-0.4%	-0.2%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	56.6	51.3	45.4	44.7	46.6	50.2	54.8	61.0	63.8	65.9	65.4	60.9
Alternative C	56.5	51.2	45.5	44.7	46.6	50.2	54.9	60.9	63.2	65.6	65.6	60.9
Difference	-0.1	-0.1	0.2	0.0	0.0	0.1	0.2	0.0	-0.6	-0.2	0.2	0.0
Percent Difference	-0.2%	-0.1%	0.3%	0.0%	0.0%	0.1%	0.3%	-0.1%	-0.9%	-0.4%	0.3%	0.0%
Above Normal (15%)												
No Action Alternative	56.8	50.6	45.7	44.8	46.9	51.3	56.8	62.7	64.0	64.7	65.5	62.8
Alternative C	56.7	50.6	45.8	44.8	46.9	51.4	57.1	62.6	63.6	64.1	65.6	63.1
Difference	-0.1	0.0	0.1	0.0	0.0	0.1	0.4	-0.1	-0.4	-0.6	0.1	0.3
Percent Difference	-0.2%	-0.1%	0.3%	0.1%	-0.1%	0.2%	0.7%	-0.1%	-0.6%	-1.0%	0.2%	0.5%
Below Normal (17%)												
No Action Alternative	56.6	50.7	45.5	44.2	46.5	51.5	57.6	62.3	63.7	65.0	65.2	64.1
Alternative C	56.3	50.6	45.5	44.2	46.5	51.6	58.2	62.7	63.5	64.2	65.2	63.8
Difference	-0.2	-0.1	0.0	0.0	0.0	0.2	0.6	0.4	-0.2	-0.8	0.0	-0.3
Percent Difference	-0.4%	-0.1%	-0.1%	0.0%	0.0%	0.3%	1.1%	0.6%	-0.3%	-1.2%	0.0%	-0.5%
Dry (22%)												
No Action Alternative	57.6	51.2	45.3	44.1	47.3	52.2	58.1	62.0	64.2	64.9	65.4	64.7
Alternative C	57.5	51.0	45.3	44.3	47.2	52.3	58.9	62.4	64.1	64.6	65.0	64.4
Difference	-0.1	-0.2	-0.1	0.2	-0.1	0.1	0.8	0.4	-0.1	-0.3	-0.4	-0.3
Percent Difference	-0.1%	-0.4%	-0.1%	0.4%	-0.1%	0.2%	1.3%	0.6%	-0.2%	-0.5%	-0.6%	-0.5%
Critical (15%)												
No Action Alternative	59.6	50.7	44.7	44.3	48.2	53.1	57.8	62.3	64.3	66.8	67.8	66.2
Alternative C	59.4	50.5	44.8	44.4	48.2	53.2	58.1	62.9	64.0	66.2	66.2	65.8
Difference	-0.2	-0.2	0.0	0.1	0.0	0.1	0.3	0.6	-0.3	-0.6	-1.6	-0.4
Percent Difference	-0.3%	-0.4%	0.1%	0.2%	0.0%	0.2%	0.5%	0.9%	-0.4%	-0.9%	-2.4%	-0.6%

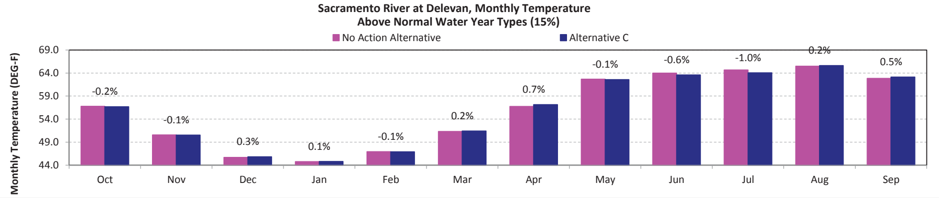
1 Based on the 82-year simulation period

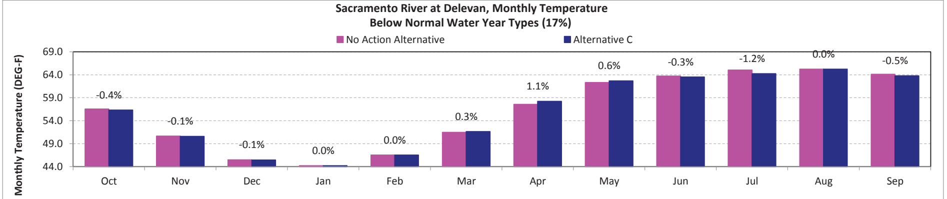
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

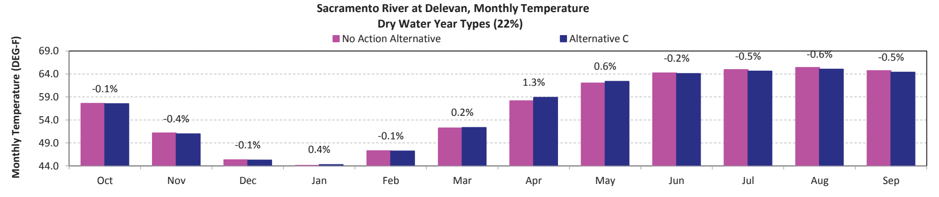
3 Relative difference of the monthly average


Sacramento River at Delevan, Monthly Temperature
Full Simulation Period


Sacramento River at Delevan, Monthly Temperature
Wet Water Year Types (32%)


Sacramento River at Delevan, Monthly Temperature
Above Normal Water Year Types (15%)


Sacramento River at Delevan, Monthly Temperature
Below Normal Water Year Types (17%)


Sacramento River at Delevan, Monthly Temperature
Dry Water Year Types (22%)

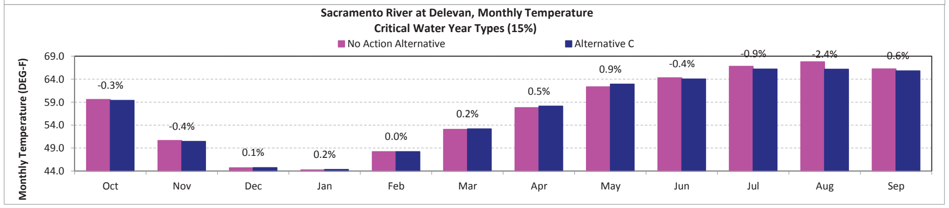

Sacramento River at Delevan, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-09-7b
Sacramento River at Delevan, Monthly Temperature
Probability of Exceedance

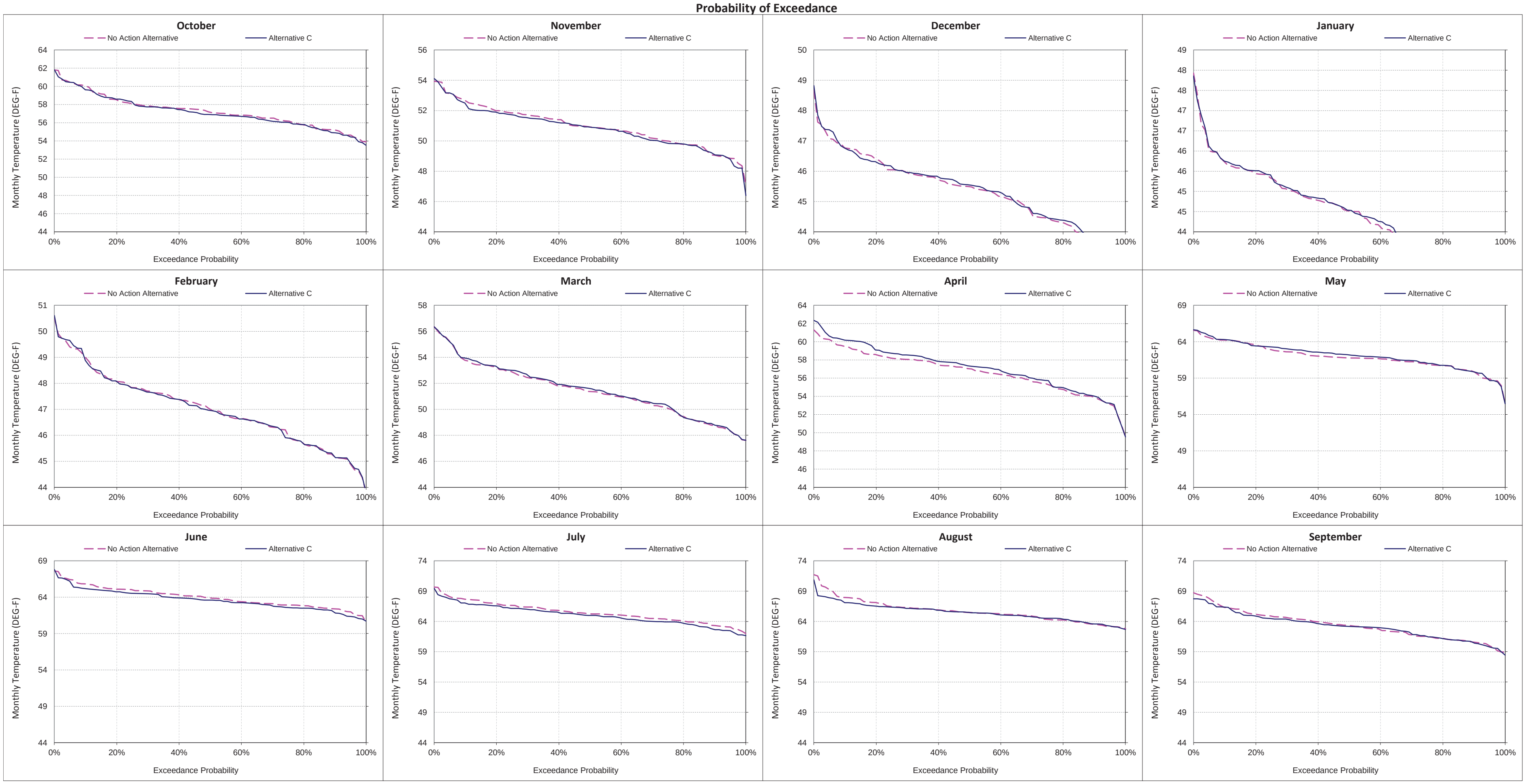


Table SQ-09-7b

Sacramento River at Delevan, Monthly Temperature

Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	61.8	61.8	0.0	0.0%
1.2%	61.8	61.1	-0.7	-1.1%
2.5%	60.7	60.8	0.1	0.1%
3.7%	60.7	60.5	-0.2	-0.3%
4.9%	60.5	60.4	0.0	0.0%
6.2%	60.3	60.4	0.1	0.1%
7.4%	60.2	60.1	0.0	0.0%
8.6%	60.2	60.0	-0.1	-0.2%
9.9%	60.1	59.6	-0.5	-0.8%
11.1%	59.9	59.6	-0.3	-0.5%
12.3%	59.4	59.5	0.1	0.2%
13.6%	59.3	59.1	-0.2	-0.3%
14.8%	59.2	59.0	-0.2	-0.4%
16.0%	59.1	58.8	-0.3	-0.6%
17.3%	58.6	58.8	0.2	0.3%
18.5%	58.6	58.7	0.1	0.2%
19.8%	58.6	58.6	0.1	0.1%
21.0%	58.3	58.6	0.2	0.4%
22.2%	58.3	58.5	0.2	0.4%
23.5%	58.2	58.4	0.2	0.3%
24.7%	58.1	58.3	0.2	0.4%
25.9%	58.0	58.0	-0.1	-0.1%
27.2%	58.0	57.8	-0.1	-0.2%
28.4%	57.9	57.8	-0.1	-0.1%
29.6%	57.9	57.7	-0.1	-0.2%
30.9%	57.8	57.7	-0.1	-0.2%
32.1%	57.8	57.7	0.0	0.0%
33.3%	57.7	57.7	0.0	0.0%
34.6%	57.7	57.6	-0.1	-0.2%
35.8%	57.7	57.6	-0.1	-0.2%
37.0%	57.6	57.6	0.0	-0.1%
38.3%	57.6	57.6	0.0	0.0%
39.5%	57.6	57.4	-0.1	-0.2%
40.7%	57.6	57.4	-0.1	-0.2%
42.0%	57.6	57.3	-0.2	-0.4%
43.2%	57.5	57.2	-0.3	-0.6%
44.4%	57.5	57.2	-0.3	-0.6%
45.7%	57.5	57.1	-0.4	-0.6%
46.9%	57.4	57.0	-0.5	-0.8%
48.1%	57.4	56.9	-0.5	-0.8%
49.4%	57.2	56.9	-0.3	-0.5%
50.6%	57.1	56.9	-0.2	-0.4%
51.9%	57.1	56.9	-0.2	-0.3%
53.1%	57.0	56.8	-0.2	-0.4%
54.3%	57.0	56.8	-0.2	-0.4%
55.6%	57.0	56.8	-0.2	-0.3%
56.8%	56.9	56.8	-0.1	-0.2%
58.0%	56.8	56.7	-0.1	-0.2%
59.3%	56.8	56.7	-0.1	-0.2%
60.5%	56.8	56.7	-0.1	-0.2%
61.7%	56.8	56.7	-0.2	-0.3%
63.0%	56.8	56.6	-0.2	-0.3%
64.2%	56.7	56.6	-0.1	-0.2%
65.4%	56.6	56.4	-0.2	-0.4%
66.7%	56.5	56.4	-0.1	-0.3%
67.9%	56.5	56.3	-0.2	-0.4%
69.1%	56.5	56.2	-0.3	-0.5%
70.4%	56.5	56.1	-0.4	-0.6%
71.6%	56.3	56.1	-0.2	-0.4%
72.8%	56.3	56.1	-0.2	-0.4%
74.1%	56.2	56.1	-0.2	-0.3%
75.3%	56.2	56.0	-0.1	-0.3%
76.5%	56.0	55.9	-0.2	-0.3%
77.8%	55.9	55.9	-0.1	-0.1%
79.0%	55.8	55.8	0.0	0.0%
80.2%	55.7	55.8	0.0	0.1%
81.5%	55.7	55.6	-0.1	-0.2%
82.7%	55.7	55.5	-0.3	-0.5%
84.0%	55.3	55.4	0.1	0.2%
85.2%	55.3	55.3	-0.1	-0.1%
86.4%	55.3	55.1	-0.1	-0.2%
87.7%	55.2	55.1	-0.1	-0.2%
88.9%	55.2	54.9	-0.3	-0.6%
90.1%	55.2	54.9	-0.3	-0.6%
91.4%	55.1	54.8	-0.2	-0.5%
92.6%	54.8	54.6	-0.1	-0.2%
93.8%	54.6	54.6	0.0	0.0%
95.1%	54.6	54.4	-0.2	-0.4%
96.3%	54.4	54.4	0.0	0.1%
97.5%	54.3	53.9	-0.4	-0.7%
98.8%	53.9	53.8	-0.1	-0.2%
100.0%	53.9	53.5	0.0	-0.7%

November				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.9	54.1	0.2	0.3%
1.2%	53.9	53.9	0.0	0.0%
2.5%	53.9	53.5	-0.4	-0.7%
3.7%	53.2	53.2	0.0	0.0%
4.9%	53.1	53.2	0.0	0.0%
6.2%	53.0	53.1	0.0	0.1%
7.4%	52.9	52.7	-0.2	-0.3%
8.6%	52.8	52.6	-0.2	-0.3%
9.9%	52.7	52.5	-0.2	-0.3%
11.1%	52.5	52.1	-0.4	-0.7%
12.3%	52.5	52.1	-0.4	-0.8%
13.6%	52.4	52.0	-0.4	-0.8%
14.8%	52.4	52.0	-0.3	-0.6%
16.0%	52.3	52.0	-0.3	-0.6%
17.3%	52.2	52.0	-0.2	-0.5%
18.5%	52.1	51.9	-0.2	-0.4%
19.8%	52.0	51.9	-0.1	-0.2%
21.0%	52.0	51.8	-0.2	-0.3%
22.2%	51.9	51.8	-0.1	-0.2%
23.5%	51.9	51.8	-0.1	-0.2%
24.7%	51.8	51.7	-0.1	-0.2%
25.9%	51.8	51.7	-0.1	-0.3%
27.2%	51.8	51.6	-0.2	-0.5%
28.4%	51.7	51.6	-0.2	-0.4%
29.6%	51.7	51.5	-0.2	-0.4%
30.9%	51.7	51.5	-0.2	-0.4%
32.1%	51.6	51.5	-0.2	-0.3%
33.3%	51.6	51.4	-0.2	-0.3%
34.6%	51.5	51.4	-0.1	-0.2%
35.8%	51.5	51.4	-0.1	-0.3%
37.0%	51.5	51.3	-0.2	-0.3%
38.3%	51.4	51.3	-0.2	-0.4%
39.5%	51.4	51.2	-0.2	-0.4%
40.7%	51.4	51.2	-0.2	-0.4%
42.0%	51.2	51.2	0.0	0.0%
43.2%	51.1	51.2	0.1	0.2%
44.4%	51.0	51.1	0.1	0.1%
45.7%	51.0	51.1	0.1	0.1%
46.9%	51.0	51.0	0.0	0.1%
48.1%	51.0	50.9	0.0	-0.1%
49.4%	50.9	50.9	0.0	0.0%
50.6%	50.9	50.9	0.0	0.0%
51.9%	50.9	50.9	0.0	0.0%
53.1%	50.9	50.8	0.0	-0.1%
54.3%	50.8	50.8	0.0	0.0%
55.6%	50.8	50.8	0.0	0.0%
56.8%	50.8	50.7	0.0	0.0%
58.0%	50.7	50.7	0.0	0.0%
59.3%	50.7	50.6	-0.1	-0.2%
60.5%	50.7	50.6	0.0	0.0%
61.7%	50.6	50.5	-0.1	-0.3%
63.0%	50.6	50.5	-0.1	-0.2%
64.2%	50.5	50.3	-0.2	-0.4%
65.4%	50.5	50.3	-0.2	-0.4%
66.7%	50.4	50.2	-0.2	-0.4%
67.9%	50.4	50.1	-0.3	-0.5%
69.1%	50.2	50.1	-0.1	-0.3%
70.4%	50.2	50.0	-0.1	-0.3%
71.6%	50.1	50.0	-0.1	-0.2%
72.8%	50.0	50.0	-0.1	-0.2%
74.1%	50.0	49.9	-0.1	-0.3%
75.3%	50.0	49.8	-0.2	-0.3%
76.5%	49.9	49.8	-0.1	-0.1%
77.8%	49.9	49.8	0.0	-0.1%
79.0%	49.8	49.8	0.0	0.0%
80.2%	49.8	49.8	0.0	0.0%
81.5%	49.7	49.7	0.0	0.0%
82.7%	49.7	49.7	0.0	-0.1%
84.0%	49.7	49.7	0.0	-0.1%
85.2%	49.7	49.6	-0.1	-0.2%
86.4%	49.6	49.4	-0.2	-0.4%
87.7%	49.3	49.3	0.0	0.0%
88.9%	49.1	49.2	0.1	0.3%
90.1%	49.1	49.1	0.0	0.1%
91.4%	49.0	49.1	0.1	0.2%
92.6%	49.0	49.0	0.1	0.1%
93.8%	48.9	48.9	0.0	0.0%
95.1%	48.8	48.8	-0.1	-0.1%
96.3%	48.8	48.3	-0.5	-1.0%
97.5%	48.5	48.2	-0.3	-0.6%
98.8%	48.4	48.2	-0.2	-0.3%
100.0%	47.1	46.4	-0.7	-1.5%

December				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	48.7	48.8	0.1	0.3%
1.2%	47.6	47.8	0.2	0.5%
2.5%	47.5	47.5	-0.1	-0.1%
3.7%	47.3	47.4	0.1	0.1%
4.9%	47.1	47.4	0.3	0.6%
6.2%	47.1	47.3	0.2	0.5%
7.4%	46.9	47.0	0.1	0.2%
8.6%	46.9	46.8	-0.1	-0.1%
9.9%	46.8	46.8	0.0	0.0%
11.1%	46.7	46.7	-0.1	-0.1%
12.3%	46.7	46.7	-0.1	-0.1%
13.6%	46.7	46.6	-0.2	-0.3%
14.8%	46.6	46.4	-0.2	-0.3%
16.0%	46.5	46.4	-0.1	-0.3%
17.3%	46.5	46.4	-0.2	-0.4%
18.5%	46.5	46.3	-0.2	-0.4%
19.8%	46.4	46.3	-0.1	-0.2%
21.0%	46.4	46.2	-0.1	-0.2%
22.2%	46.2	46.2	0.0	-0.1%
23.5%	46.1	46.2	0.1	0.3%
24.7%	46.0	46.2	0.1	0.3%
25.9%	46.0	46.1	0.0	0.0%
27.2%	46.0	46.0	0.0	0.0%
28.4%	46.0	46.0	0.0	0.0%
29.6%	46.0	46.0	0.0	0.0%
30.9%	45.9	46.0	0.0	0.1%
32.1%	45.9	45.9	0.0	0.1%
33.3%	45.9	45.9	0.1	0.1%
34.6%	45.9	45.9	0.0	0.1%
35.8%	45.8	45.9	0.0	0.1%
37.0%	45.8	45.8	0.0	0.1%
38.3%	45.8	45.8	0.0	0.1%
39.5%	45.8	45.8	0.1	0.2%
40.7%	45.7	45.8	0.1	0.2%
42.0%	45.7	45.7	0.1	0.2%
43.2%	45.6	45.7	0.2	0.4%
44.4%	45.6	45.7	0.2	0.4%
45.7%	45.5	45.7	0.1	0.3%
46.9%	45.5	45.6	0.1	0.1%
48.1%	45.5	45.6	0.1	0.1%
49.4%	45.5	45.6	0.1	0.1%
50.6%	45.5	45.5	0.1	0.1%
51.9%	45.4	45.5	0.1	0.2%
53.1%	45.4	45.5	0.1	0.2%
54.3%	45.4	45.5	0.1	0.2%
55.6%	45.4	45.4	0.0	0.0%
56.8%	45.3	45.3	0.0	0.0%
58.0%	45.3	45.3	0.1	0.1%
59.3%	45.2	45.3	0.1	0.3%
60.5%	45.2	45.3	0.1	0.2%
61.7%	45.1	45.2	0.1	0.2%
63.0%	45.1	45.2	0.1	0.2%
64.2%	45.0	45.0	0.0	0.0%
65.4%	45.0	44.9	-0.1	-0.3%
66.7%	44.9	44.8	-0.1	-0.2%
67.9%	44.8	44.8	0.0	-0.1%
69.1%	44.7	44.8	0.1	0.1%
70.4%	44.5	44.6	0.1	0.2%
71.6%	44.5	44.6	0.1	0.2%
72.8%	44.5	44.6	0.1	0.2%
74.1%	44.5	44.5	0.1	0.1%
75.3%	44.4	44.4	0.0	0.0%
76.5%	44.4	44.4	0.1	0.1%
77.8%	44.3	44.4	0.1	0.1%
79.0%	44.3	44.4	0.1	0.2%
80.2%	44.3	44.4	0.1	0.2%
81.5%	44.2	44.3	0.1	0.3%
82.7%	44.2	44.3	0.1	0.3%
84.0%	44.0	44.2	0.2	0.5%
85.2%	44.0	44.1	0.2	0.4%
86.4%	43.8	44.0	0.1	0.3%
87.7%	43.8	43.9	0.1	0.2%
88.9%	43.7	43.9	0.2	0.4%
90.1%	43.6	43.8	0.3	0.6%
91.4%	43.5	43.8	0.3	0.6%
92.6%	43.5	43.7	0.3	0.6%
93.8%	43.4	43.6	0.2	0.4%
95.1%	43.4	43.6	0.2	0.4%
96.3%	43.4	43.6	0.2	0.4%
97.5%	43.2	43.6	0.4	0.8%
98.8%	43.0	42.6	-0.4	-1.0%
100.0%	41.6	41.7	0.1	0.3%

January				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.9	47.9	-0.1	-0.1%
1.2%	47.4	47.2	-0.2	-0.3%
2.5%	46.7	46.9	0.2	0.5%
3.7%	46.5	46.6	0.1	0.1%
4.9%	46.0	46.1	0.1	0.3%
6.2%	46.0	46.0	0.0	0.1%
7.4%	46.0	46.0	0.0	0.0%
8.6%	45.8	45.8	0.0	0.0%
9.9%	45.7	45.7	0.0	0.0%
11.1%	45.6	45.7	0.1	0.2%
12.3%	45.6	45.7	0.1	0.1%
13.6%	45.6	45.6	0.1	0.1%
14.8%	45.6	45.6	0.1	0.1%
16.0%	45.6	45.6	0.0	0.0%
17.3%	45.5	45.5	0.0	0.0%
18.5%	45.5	45.5	0.0	0.0%
19.8%	45.4	45.5	0.1	0.2%
21.0%	45.4	45.5	0.1	0.2%
22.2%	45.4	45.5	0.0	0.1%
23.5%	45.4	45.4	0.0	0.0%
24.7%	45.3	45.4	0.1	0.2%
25.9%	45.3	45.2	-0.1	-0.1%
27.2%	45.2	45.2	0.0	-0.1%
28.4%	45.1	45.2	0.1	0.2%
29.6%	45.1	45.1	0.0	0.1%
30.9%	45.0	45.1	0.1	0.1%
32.1%	45.0	45.0	0.0	0.0%
33.3%	45.0	45.0	0.1	0.1%
34.6%	44.9	44.9	0.0	0.0%
35.8%	44.9	44.9	0.0	0.1%
37.0%	44.8	44.9	0.0	0.1%
38.3%	44.8	44.9	0.0	0.1%
39.5%	44.8	44.8	0.0	0.1%
40.7%	44.8	44.8	0.1	0.1%
42.0%	44.7	44.8	0.1	0.2%
43.2%	44.7	44.7	0.0	0.0%
44.4%	44.7	44.7	0.0	0.0%
45.7%	44.7	44.7	0.0	0.0%
46.9%	44.6	44.6	0.0	0.0%
48.1%	44.6	44.6	0.0	0.1%
49.4%	44.5	44.5	0.0	0.0%
50.6%	44.5	44.5	0.0	0.0%
51.9%	44.5	44.5	0.0	-0.1%
53.1%	44.5	44.4	-0.1	-0.1%
54.3%	44.4	44.4	0.0	0.1%
55.6%	44.3	44.4	0.1	0.1%
56.8%	44.2	44.4	0.1	0.3%
58.0%	44.2	44.3	0.1	0.3%
59.3%	44.2	44.3	0.1	0.2%
60.5%	44.1	44.2	0.2	0.4%
61.7%	44.1	44.2	0.1	0.3%
63.0%	44.0	44.2	0.1	0.3%
64.2%	44.0	44.1	0.1	0.3%
65.4%	43.9	43.9	0.0	-0.1%
66.7%	43.9	43.8	-0.1	-0.1%
67.9%	43.9	43.8	-0.1	-0.2%
69.1%	43.8	43.7	0.0	0.0%
70.4%	43.7	43.7	0.1	0.2%
71.6%	43.6	43.7	0.0	0.0%
72.8%	43.5	43.6	0.1	0.2%
74.1%	43.5	43.6	0.1	0.2%
75.3%	43.5	43.6	0.1	0.3%
76.5%	43.4	43.6	0.2	0.5%
77.8%	43.4	43.6	0.2	0.5%
79.0%	43.3	43.6	0.3	0.6%
80.2%	43.3	43.5	0.2	0.6%
81.5%	43.2	43.5	0.2	0.5%
82.7%	43.2	43.4	0.2	0.5%
84.0%	43.1	43.3	0.2	0.5%
85.2%	43.1	43.3	0.2	0.4%
86.4%	43.1	43.2	0.1	0.3%
87.7%	43.1	43.2	0.1	0.2%
88.9%	43.0	43.0	0.0	0.1%
90.1%	42.8	42.9	0.1	0.2%
91.4%	42.8	42.8	0.1	0.2%
92.6%	42.7	42.7	0.0	0.0%
93.8%	42.7	42.6	-0.1	-0.2%
95.1%	42.7	42.6	-0.1	-0.2%
96.3%	42.4	42.5	0.1	0.2%
97.5%	42.2	42.1	-0.1	-0.2%
98.8%	41.8	41.8	0.0	0.0%
100.0%	41.5	41.8	0.3	0.7%

Table SQ-09-7b

Sacramento River at Delevan, Monthly Temperature
Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.5	50.6	0.1	0.2%
1.2%	49.9	49.8	-0.1	-0.2%
2.5%	49.7	49.7	0.0	0.0%
3.7%	49.6	49.7	0.1	0.1%
4.9%	49.4	49.7	0.2	0.5%
6.2%	49.3	49.5	0.1	0.3%
7.4%	49.3	49.4	0.0	0.1%
8.6%	49.2	49.3	0.2	0.3%
9.9%	49.0	48.9	-0.1	-0.2%
11.1%	48.8	48.7	-0.1	-0.3%
12.3%	48.6	48.6	0.0	-0.1%
13.6%	48.4	48.5	0.1	0.2%
14.8%	48.4	48.5	0.1	0.2%
16.0%	48.3	48.2	-0.1	-0.2%
17.3%	48.2	48.2	0.0	0.0%
18.5%	48.2	48.1	-0.1	-0.1%
19.8%	48.1	48.1	0.0	0.0%
21.0%	48.1	48.0	-0.1	-0.2%
22.2%	48.0	48.0	-0.1	-0.2%
23.5%	47.9	47.9	0.0	0.0%
24.7%	47.8	47.8	0.0	0.0%
25.9%	47.8	47.8	0.0	0.0%
27.2%	47.8	47.8	0.0	-0.1%
28.4%	47.8	47.7	-0.1	-0.1%
29.6%	47.7	47.7	0.0	-0.1%
30.9%	47.7	47.7	0.0	-0.1%
32.1%	47.6	47.6	0.0	0.0%
33.3%	47.6	47.6	-0.1	-0.1%
34.6%	47.6	47.5	-0.1	-0.1%
35.8%	47.6	47.5	-0.1	-0.2%
37.0%	47.5	47.4	-0.1	-0.2%
38.3%	47.4	47.4	0.0	0.0%
39.5%	47.4	47.4	0.0	0.0%
40.7%	47.3	47.4	0.0	0.1%
42.0%	47.3	47.3	-0.1	-0.1%
43.2%	47.3	47.2	-0.1	-0.3%
44.4%	47.3	47.1	-0.1	-0.3%
45.7%	47.2	47.1	-0.1	-0.2%
46.9%	47.2	47.0	-0.1	-0.3%
48.1%	47.2	47.0	-0.2	-0.3%
49.4%	47.0	47.0	-0.1	-0.2%
50.6%	47.0	46.9	0.0	0.0%
51.9%	47.0	46.9	0.0	-0.1%
53.1%	46.9	46.8	-0.1	-0.2%
54.3%	46.8	46.8	0.0	0.1%
55.6%	46.7	46.8	0.0	0.1%
56.8%	46.7	46.7	0.1	0.1%
58.0%	46.6	46.7	0.1	0.2%
59.3%	46.6	46.6	0.0	0.0%
60.5%	46.6	46.6	0.0	0.0%
61.7%	46.6	46.6	0.0	0.0%
63.0%	46.6	46.6	0.0	0.0%
64.2%	46.6	46.6	0.0	0.0%
65.4%	46.5	46.5	0.0	-0.1%
66.7%	46.5	46.5	0.0	0.0%
67.9%	46.4	46.4	0.0	0.0%
69.1%	46.3	46.4	0.0	0.1%
70.4%	46.3	46.3	0.0	0.1%
71.6%	46.3	46.3	0.0	0.0%
72.8%	46.2	46.2	0.0	-0.1%
74.1%	46.2	45.9	-0.3	-0.7%
75.3%	45.9	45.9	0.0	-0.1%
76.5%	45.8	45.9	0.0	0.1%
77.8%	45.8	45.8	0.0	0.0%
79.0%	45.8	45.8	0.0	0.0%
80.2%	45.7	45.6	0.0	0.0%
81.5%	45.6	45.6	0.0	0.1%
82.7%	45.6	45.6	0.0	0.1%
84.0%	45.6	45.6	0.0	0.1%
85.2%	45.5	45.5	-0.1	-0.1%
86.4%	45.4	45.4	0.0	-0.1%
87.7%	45.3	45.3	0.0	0.1%
88.9%	45.3	45.3	0.0	0.1%
90.1%	45.1	45.1	0.0	0.0%
91.4%	45.1	45.1	0.0	0.0%
92.6%	45.1	45.1	0.0	0.0%
93.8%	45.1	45.1	0.0	0.1%
95.1%	44.9	44.9	0.0	0.1%
96.3%	44.7	44.7	0.1	0.1%
97.5%	44.6	44.7	0.1	0.1%
98.8%	44.4	44.4	0.0	0.0%
100.0%	43.8	43.8	0.0	0.0%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.4	56.3	0.0	0.0%
1.2%	56.0	56.1	0.1	0.2%
2.5%	55.6	55.7	0.1	0.2%
3.7%	55.6	55.5	0.0	-0.1%
4.9%	55.2	55.2	0.0	-0.1%
6.2%	54.9	54.9	0.1	0.1%
7.4%	54.4	54.3	-0.1	-0.2%
8.6%	54.0	54.0	0.0	0.0%
9.9%	53.8	53.9	0.2	0.3%
11.1%	53.7	53.9	0.2	0.3%
12.3%	53.5	53.8	0.2	0.5%
13.6%	53.4	53.7	0.3	0.5%
14.8%	53.4	53.5	0.1	0.2%
16.0%	53.4	53.4	0.0	0.1%
17.3%	53.4	53.4	0.0	0.0%
18.5%	53.3	53.4	0.1	0.1%
19.8%	53.3	53.3	0.1	0.1%
21.0%	53.1	53.1	0.0	0.1%
22.2%	53.0	53.1	0.0	0.1%
23.5%	52.9	53.0	0.1	0.2%
24.7%	52.9	53.0	0.1	0.2%
25.9%	52.8	53.0	0.2	0.4%
27.2%	52.6	52.9	0.3	0.5%
28.4%	52.6	52.8	0.2	0.4%
29.6%	52.5	52.7	0.2	0.5%
30.9%	52.4	52.5	0.1	0.1%
32.1%	52.4	52.4	0.1	0.1%
33.3%	52.3	52.4	0.1	0.1%
34.6%	52.3	52.3	0.1	0.1%
35.8%	52.3	52.3	0.0	0.0%
37.0%	52.1	52.2	0.2	0.3%
38.3%	51.9	52.1	0.2	0.4%
39.5%	51.8	51.9	0.1	0.2%
40.7%	51.8	51.9	0.1	0.2%
42.0%	51.8	51.9	0.1	0.2%
43.2%	51.7	51.8	0.1	0.2%
44.4%	51.7	51.8	0.1	0.1%
45.7%	51.6	51.7	0.1	0.2%
46.9%	51.6	51.7	0.1	0.2%
48.1%	51.5	51.7	0.2	0.4%
49.4%	51.4	51.6	0.2	0.5%
50.6%	51.4	51.6	0.2	0.4%
51.9%	51.4	51.5	0.1	0.2%
53.1%	51.3	51.5	0.2	0.3%
54.3%	51.2	51.4	0.2	0.4%
55.6%	51.1	51.2	0.1	0.2%
56.8%	51.1	51.2	0.0	0.1%
58.0%	51.0	51.2	0.1	0.3%
59.3%	51.0	51.0	0.1	0.1%
60.5%	50.9	51.0	0.1	0.2%
61.7%	50.9	50.9	0.0	0.1%
63.0%	50.9	50.9	0.0	0.0%
64.2%	50.7	50.8	0.1	0.2%
65.4%	50.7	50.7	0.1	0.1%
66.7%	50.6	50.6	0.0	0.0%
67.9%	50.5	50.6	0.1	0.2%
69.1%	50.5	50.6	0.1	0.2%
70.4%	50.3	50.4	0.2	0.3%
71.6%	50.3	50.4	0.2	0.3%
72.8%	50.2	50.4	0.2	0.5%
74.1%	50.2	50.4	0.2	0.4%
75.3%	50.0	50.2	0.2	0.4%
76.5%	50.0	50.0	0.1	0.1%
77.8%	49.7	49.8	0.0	0.1%
79.0%	49.5	49.5	0.0	0.1%
80.2%	49.4	49.4	-0.1	-0.2%
81.5%	49.2	49.3	0.0	0.1%
82.7%	49.2	49.2	0.0	0.0%
84.0%	49.1	49.1	0.0	0.0%
85.2%	49.0	49.1	0.1	0.1%
86.4%	48.9	49.0	0.1	0.2%
87.7%	48.9	48.9	0.0	0.1%
88.9%	48.8	48.9	0.1	0.3%
90.1%	48.7	48.8	0.0	0.1%
91.4%	48.6	48.7	0.1	0.2%
92.6%	48.6	48.7	0.1	0.2%
93.8%	48.5	48.6	0.1	0.2%
95.1%	48.3	48.3	0.0	0.0%
96.3%	48.1	48.1	0.0	0.0%
97.5%	48.0	48.0	0.0	0.1%
98.8%	47.7	47.7	0.0	0.0%
100.0%	47.6	47.6	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	61.3	62.3	1.0	1.7%
1.2%	60.9	62.1	1.2	2.0%
2.5%	60.4	61.6	1.2	2.0%
3.7%	60.3	61.0	0.7	1.2%
4.9%	60.3	60.6	0.4	0.6%
6.2%	60.0	60.4	0.4	0.7%
7.4%	59.7	60.4	0.8	1.3%
8.6%	59.6	60.3	0.7	1.2%
9.9%	59.5	60.2	0.7	1.1%
11.1%	59.4	60.1	0.7	1.2%
12.3%	59.2	60.1	0.9	1.6%
13.6%	59.1	60.1	0.9	1.6%
14.8%	59.1	60.0	0.9	1.6%
16.0%	58.7	59.9	1.2	2.1%
17.3%	58.6	59.8	1.1	1.9%
18.5%	58.6	59.6	1.0	1.6%
19.8%	58.6	59.1	0.5	0.8%
21.0%	58.5	59.1	0.6	1.0%
22.2%	58.4	58.9	0.5	0.8%
23.5%	58.3	58.8	0.5	0.8%
24.7%	58.2	58.8	0.6	1.0%
25.9%	58.1	58.7	0.6	0.9%
27.2%	58.1	58.7	0.5	0.9%
28.4%	58.1	58.6	0.5	0.8%
29.6%	58.1	58.5	0.5	0.8%
30.9%	58.1	58.5	0.5	0.8%
32.1%	58.0	58.5	0.5	0.8%
33.3%	58.0	58.4	0.5	0.8%
34.6%	57.9	58.4	0.4	0.8%
35.8%	57.9	58.2	0.4	0.6%
37.0%	57.9	58.1	0.3	0.5%
38.3%	57.7	58.0	0.3	0.5%
39.5%	57.5	57.9	0.4	0.6%
40.7%	57.4	57.8	0.4	0.7%
42.0%	57.4	57.8	0.4	0.7%
43.2%	57.4	57.8	0.4	0.7%
44.4%	57.3	57.7	0.4	0.7%
45.7%	57.2	57.7	0.5	0.8%
46.9%	57.2	57.5	0.3	0.6%
48.1%	57.2	57.5	0.3	0.5%
49.4%	57.0	57.4	0.3	0.6%
50.6%	57.0	57.3	0.3	0.5%
51.9%	56.8	57.3	0.4	0.8%
53.1%	56.8	57.2	0.4	0.7%
54.3%	56.7	57.2	0.5	0.9%
55.6%	56.6	57.2	0.6	1.0%
56.8%	56.5	57.1	0.6	1.0%
58.0%	56.5	57.0	0.5	0.8%
59.3%	56.4	57.0	0.5	0.9%
60.5%	56.4	56.7	0.3	0.6%
61.7%	56.3	56.6	0.3	0.5%
63.0%	56.3	56.4	0.2	0.3%
64.2%	56.1	56.4	0.3	0.5%
65.4%	56.0	56.4	0.3	0.6%
66.7%	56.0	56.3	0.3	0.5%
67.9%	55.9	56.3	0.4	0.7%
69.1%	55.8	56.0	0.2	0.4%
70.4%	55.6	56.0	0.4	0.7%
71.6%	55.6	55.9	0.3	0.5%
72.8%	55.5	55.8	0.4	0.6%
74.1%	55.4	55.8	0.3	0.6%
75.3%	55.3	55.7	0.5	0.8%
76.5%	55.1	55.1	0.0	-0.1%
77.8%	54.8	55.0	0.2	0.3%
79.0%	54.8	55.0	0.2	0.3%
80.2%	54.7	54.9	0.2	0.4%
81.5%	54.5	54.7	0.2	0.4%
82.7%	54.3	54.6	0.3	0.5%
84.0%	54.2	54.5	0.4	0.7%
85.2%	54.1	54.3	0.2	0.4%
86.4%	54.1	54.3	0.2	0.4%
87.7%	54.0	54.2	0.1	0.2%
88.9%	54.0	54.1	0.1	0.2%
90.1%	53.9	54.0	0.1	0.3%
91.4%	53.7	53.9	0.2	0.4%
92.6%	53.5	53.5	0.0	0.0%
93.8%	53.3	53.3	0.0	0.0%
95.1%	53.1	53.3	0.1	0.2%
96.3%	52.9	53.1	0.1	0.3%
97.5%	51.9	51.9	0.0	0.0%
98.8%	50.8	50.7	0.0	-0.1%
100.0%	49.5	49.5	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.6	65.6	0.1	0.1%
1.2%	65.5	65.6	0.1	0.1%
2.5%	64.9	65.3	0.4	0.6%
3.7%	64.7	65.1	0.4	0.6%
4.9%	64.6	64.9	0.3	0.5%
6.2%	64.4	64.7	0.3	0.5%
7.4%	64.4	64.3	0.0	0.0%
8.6%	64.2	64.3	0.1	0.2%
9.9%	64.2	64.3	0.1	0.1%
11.1%	64.2	64.3	0.1	0.1%
12.3%	64.2	64.2	0.0	0.1%
13.6%	64.1	64.1	0.0	-0.1%
14.8%	64.0	64.0	-0.1	-0.1%
16.0%	63.9	63.8	-0.1	-0.1%
17.3%	63.8	63.8	0.0	0.0%
18.5%	63.7	63.5	-0.2	-0.3%
19.8%	63.6	63.4	-0.2	-0.3%
21.0%	63.4	63.4	0.0	0.0%
22.2%	63.4	63.4	0.0	0.0%
23.5%	62.9	63.3	0.4	0.6%
24.7%	62.9	63.3	0.3	0.5%
25.9%	62.8	63.3	0.5	0.8%
27.2%	62.7	63.2	0.5	0.8%
28.4%	62.7	63.1	0.4	0.6%
29.6%	62.6	63.0	0.4	0.7%
30.9%	62.6	63.0	0.4	0.6%
32.1%	62.6	62.9	0.3	0.5%
33.3%	62.5	62.9	0.4	0.6%
34.6%	62.5	62.9	0.4	0.7%
35.8%	62.3	62.8	0.5	0.8%
37.0%	62.1	62.7	0.6	0.9%
38.3%	62.1	62.6	0.5	0.8%
39.5%	62.0	62.6	0.5	0.8%
40.7%	62.0	62.6	0.5	0.9%
42.0%	62.0	62.5	0.5	0.8%
43.2%	61.9	62.5	0.5	0.8%
44.4%	61.9	62.5	0.6	0.9%
45.7%	61.9	62.3	0.4	0.7%
46.9%	61.8	62.3	0.4	0.7%
48.1%	61.8	62.2	0.4	0.7%
49.4%	61.8	62.2	0.4	0.7%
50.6%	61.8	62.2	0.4	0.6%
51.9%	61.8	62.1	0.3	0.6%
53.1%	61.7	62.0	0.3	0.5%
54.3%	61.7	62.0	0.3	0.4%
55.6%	61.7	62.0	0.3	0.4%
56.8%	61.7	62.0	0.3	0.4%
58.0%	61.7	61.9	0.2	0.4%
59.3%	61.7	61.9	0.2	0.4%
60.5%	61.6	61.9	0.2	0.4%
61.7%	61.6	61.8	0.2	0.4%
63.0%	61.5	61.8	0.3	0.5%
64.2%	61.5	61.6	0.2	0.3%
65.4%	61.4	61.5	0.1	0.2%
66.7%	61.3	61.5	0.1	0.2%
67.9%	61.3	61.5	0.2	0.3%
69.1%	61.3	61.4	0.2	0.3%
70.4%	61.3	61.4	0.2	0.3%
71.6%	61.2	61.4	0.2	0.4%
72.8%	61.1	61.2	0.1	0.2%
74.1%	61.0	61.2	0.1	0.2%
75.3%	60.8	61.0	0.2	0.3%
76.5%	60.8	61.0	0.2	0.3%
77.8%	60.8	60.9	0.1	0.2%
79.0%	60.8	60.8	0.0	0.0%
80.2%	60.7	60.7	0.0	0.0%
81.5%	60.7	60.7	0.0	0.0%
82.7%	60.7	60.6	0.0	-0.1%
84.0%	60.4	60.3	-0.1	-0.2%
85.2%	60.2	60.2	0.0	0.0%
86.4%	60.2	60.1	-0.1	-0.2%
87.7%	60.1	60.0	-0.1	-0.1%
88.9%	60.0	60.0	-0.1	-0.2%
90.1%	59.8	59.8	0.0	0.0%
91.4%	59.5	59.7	0.2	0.4%
92.6%	59.0	59.7	0.6	1.1%
93.8%	59.0	59.1	0.2	0.3%
95.1%	58.9	58.7	-0.2	-0.3%
96.3%	58.7	58.7	0.0	0.0%
97.5%	58.6	58.5	-0.1	-0.3%
98.8%	58.0	57.8	-0.1	-0.2%
100.0%	55.5	55.5	0.0	0.0%

Table SQ-09-7b

Sacramento River at Delevan, Monthly Temperature

Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.6	67.8	0.2	0.3%
1.2%	67.5	66.7	-0.9	-1.3%
2.5%	66.7	66.6	0.0	-0.1%
3.7%	66.6	66.4	-0.1	-0.2%
4.9%	66.4	66.2	-0.2	-0.4%
6.2%	66.4	65.4	-1.0	-1.5%
7.4%	65.9	65.3	-0.6	-0.9%
8.6%	65.8	65.2	-0.6	-0.9%
9.9%	65.8	65.2	-0.6	-1.0%
11.1%	65.8	65.1	-0.6	-0.9%
12.3%	65.7	65.1	-0.6	-0.9%
13.6%	65.5	65.0	-0.5	-0.7%
14.8%	65.3	65.0	-0.4	-0.6%
16.0%	65.3	64.9	-0.3	-0.5%
17.3%	65.2	64.9	-0.3	-0.5%
18.5%	65.2	64.8	-0.3	-0.5%
19.8%	65.1	64.7	-0.4	-0.6%
21.0%	65.1	64.7	-0.4	-0.6%
22.2%	65.1	64.7	-0.4	-0.7%
23.5%	65.1	64.6	-0.5	-0.8%
24.7%	65.0	64.5	-0.5	-0.8%
25.9%	64.9	64.5	-0.4	-0.6%
27.2%	64.9	64.5	-0.4	-0.6%
28.4%	64.9	64.5	-0.4	-0.6%
29.6%	64.9	64.5	-0.4	-0.6%
30.9%	64.8	64.4	-0.4	-0.6%
32.1%	64.6	64.4	-0.2	-0.3%
33.3%	64.6	64.4	-0.2	-0.3%
34.6%	64.5	64.1	-0.4	-0.6%
35.8%	64.5	64.0	-0.4	-0.7%
37.0%	64.4	64.0	-0.4	-0.7%
38.3%	64.4	63.9	-0.5	-0.7%
39.5%	64.4	63.9	-0.4	-0.7%
40.7%	64.2	63.9	-0.3	-0.5%
42.0%	64.2	63.8	-0.3	-0.5%
43.2%	64.2	63.8	-0.3	-0.5%
44.4%	64.1	63.8	-0.3	-0.5%
45.7%	64.1	63.7	-0.4	-0.6%
46.9%	64.1	63.6	-0.5	-0.8%
48.1%	64.0	63.6	-0.4	-0.6%
49.4%	63.9	63.6	-0.3	-0.5%
50.6%	63.9	63.6	-0.3	-0.4%
51.9%	63.8	63.6	-0.3	-0.4%
53.1%	63.8	63.6	-0.2	-0.4%
54.3%	63.7	63.4	-0.3	-0.4%
55.6%	63.7	63.4	-0.3	-0.4%
56.8%	63.6	63.3	-0.3	-0.5%
58.0%	63.5	63.3	-0.2	-0.3%
59.3%	63.4	63.2	-0.1	-0.2%
60.5%	63.4	63.2	-0.1	-0.2%
61.7%	63.3	63.2	-0.1	-0.2%
63.0%	63.3	63.2	-0.1	-0.2%
64.2%	63.2	63.1	-0.1	-0.2%
65.4%	63.2	63.1	-0.1	-0.2%
66.7%	63.1	63.0	-0.2	-0.3%
67.9%	63.1	62.9	-0.2	-0.3%
69.1%	63.1	62.9	-0.2	-0.3%
70.4%	63.1	62.7	-0.3	-0.5%
71.6%	63.0	62.7	-0.3	-0.4%
72.8%	62.9	62.7	-0.3	-0.4%
74.1%	62.9	62.6	-0.3	-0.5%
75.3%	62.9	62.5	-0.4	-0.6%
76.5%	62.9	62.5	-0.4	-0.6%
77.8%	62.9	62.5	-0.4	-0.6%
79.0%	62.8	62.5	-0.3	-0.5%
80.2%	62.8	62.5	-0.3	-0.5%
81.5%	62.8	62.5	-0.3	-0.5%
82.7%	62.7	62.5	-0.2	-0.4%
84.0%	62.6	62.4	-0.3	-0.4%
85.2%	62.6	62.3	-0.3	-0.5%
86.4%	62.5	62.3	-0.2	-0.4%
87.7%	62.5	62.2	-0.3	-0.4%
88.9%	62.4	62.2	-0.3	-0.4%
90.1%	62.4	61.8	-0.6	-0.9%
91.4%	62.4	61.8	-0.6	-0.9%
92.6%	62.1	61.6	-0.5	-0.8%
93.8%	62.0	61.4	-0.6	-1.0%
95.1%	62.0	61.3	-0.6	-1.0%
96.3%	61.6	61.3	-0.3	-0.5%
97.5%	61.5	61.1	-0.4	-0.7%
98.8%	61.5	61.0	-0.4	-0.7%
100.0%	60.5	60.7	0.2	0.3%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	69.7	69.4	-0.2	-0.3%
1.2%	69.6	68.4	-1.2	-1.7%
2.5%	68.7	68.2	-0.5	-0.7%
3.7%	68.4	68.0	-0.5	-0.7%
4.9%	68.1	67.7	-0.3	-0.5%
6.2%	67.9	67.6	-0.2	-0.3%
7.4%	67.8	67.5	-0.3	-0.4%
8.6%	67.8	67.0	-0.8	-1.1%
9.9%	67.7	67.0	-0.6	-0.9%
11.1%	67.6	66.8	-0.8	-1.1%
12.3%	67.6	66.8	-0.7	-1.1%
13.6%	67.5	66.8	-0.8	-1.1%
14.8%	67.5	66.8	-0.7	-1.1%
16.0%	67.1	66.7	-0.4	-0.6%
17.3%	67.1	66.7	-0.4	-0.6%
18.5%	67.0	66.6	-0.4	-0.6%
19.8%	66.9	66.6	-0.4	-0.6%
21.0%	66.8	66.5	-0.3	-0.4%
22.2%	66.7	66.3	-0.4	-0.6%
23.5%	66.7	66.3	-0.4	-0.6%
24.7%	66.7	66.2	-0.5	-0.7%
25.9%	66.6	66.2	-0.5	-0.7%
27.2%	66.4	66.2	-0.2	-0.4%
28.4%	66.4	66.1	-0.3	-0.5%
29.6%	66.4	66.0	-0.4	-0.5%
30.9%	66.4	65.9	-0.4	-0.7%
32.1%	66.4	65.9	-0.4	-0.7%
33.3%	66.3	65.8	-0.5	-0.7%
34.6%	66.1	65.7	-0.5	-0.7%
35.8%	66.0	65.7	-0.4	-0.5%
37.0%	65.9	65.6	-0.3	-0.4%
38.3%	65.9	65.6	-0.3	-0.5%
39.5%	65.8	65.6	-0.3	-0.4%
40.7%	65.8	65.3	-0.4	-0.7%
42.0%	65.7	65.3	-0.3	-0.5%
43.2%	65.6	65.3	-0.3	-0.4%
44.4%	65.5	65.3	-0.2	-0.3%
45.7%	65.4	65.2	-0.2	-0.3%
46.9%	65.4	65.1	-0.3	-0.5%
48.1%	65.4	65.0	-0.3	-0.5%
49.4%	65.3	65.0	-0.3	-0.4%
50.6%	65.2	65.0	-0.2	-0.4%
51.9%	65.2	65.0	-0.3	-0.4%
53.1%	65.2	64.9	-0.3	-0.5%
54.3%	65.2	64.8	-0.4	-0.6%
55.6%	65.2	64.8	-0.4	-0.6%
56.8%	65.1	64.8	-0.3	-0.5%
58.0%	65.1	64.7	-0.4	-0.5%
59.3%	65.1	64.6	-0.4	-0.7%
60.5%	65.0	64.5	-0.5	-0.8%
61.7%	65.0	64.3	-0.6	-1.0%
63.0%	64.9	64.3	-0.5	-0.8%
64.2%	64.9	64.3	-0.6	-0.9%
65.4%	64.8	64.2	-0.6	-0.9%
66.7%	64.7	64.2	-0.5	-0.8%
67.9%	64.6	64.0	-0.5	-0.8%
69.1%	64.5	64.0	-0.5	-0.7%
70.4%	64.5	64.0	-0.5	-0.7%
71.6%	64.5	64.0	-0.5	-0.8%
72.8%	64.4	64.0	-0.5	-0.7%
74.1%	64.4	63.9	-0.5	-0.7%
75.3%	64.3	63.9	-0.4	-0.5%
76.5%	64.2	63.9	-0.3	-0.5%
77.8%	64.2	63.9	-0.3	-0.5%
79.0%	64.1	63.8	-0.3	-0.5%
80.2%	64.1	63.7	-0.4	-0.6%
81.5%	63.9	63.5	-0.4	-0.6%
82.7%	63.9	63.5	-0.4	-0.7%
84.0%	63.9	63.4	-0.5	-0.8%
85.2%	63.9	63.1	-0.7	-1.1%
86.4%	63.7	63.1	-0.6	-0.9%
87.7%	63.7	63.1	-0.6	-1.0%
88.9%	63.4	62.8	-0.6	-0.9%
90.1%	63.3	62.6	-0.7	-1.1%
91.4%	63.2	62.6	-0.6	-1.0%
92.6%	63.2	62.5	-0.7	-1.1%
93.8%	63.1	62.5	-0.6	-1.0%
95.1%	63.1	62.5	-0.6	-0.9%
96.3%	62.7	62.1	-0.5	-0.9%
97.5%	62.7	61.8	-0.9	-1.4%
98.8%	62.4	61.8	-0.6	-1.0%
100.0%	62.0	61.7	-0.3	-0.5%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	71.7	70.9	-0.9	-1.2%
1.2%	71.5	68.2	-3.3	-4.6%
2.5%	69.9	68.1	-1.7	-2.5%
3.7%	69.7	68.1	-1.6	-2.3%
4.9%	69.3	67.9	-1.4	-2.0%
6.2%	68.9	67.8	-1.1	-1.6%
7.4%	68.2	67.6	-0.6	-0.8%
8.6%	68.0	67.5	-0.4	-0.6%
9.9%	67.9	67.1	-0.8	-1.2%
11.1%	67.9	67.1	-0.8	-1.2%
12.3%	67.9	67.0	-0.8	-1.2%
13.6%	67.8	66.9	-0.9	-1.3%
14.8%	67.7	66.9	-0.8	-1.2%
16.0%	67.3	66.7	-0.6	-0.8%
17.3%	67.2	66.7	-0.6	-0.8%
18.5%	67.1	66.6	-0.6	-0.8%
19.8%	67.1	66.5	-0.6	-0.9%
21.0%	67.0	66.4	-0.6	-0.8%
22.2%	66.9	66.4	-0.5	-0.7%
23.5%	66.6	66.4	-0.2	-0.2%
24.7%	66.5	66.4	-0.1	-0.1%
25.9%	66.4	66.3	0.0	-0.1%
27.2%	66.4	66.3	-0.1	-0.1%
28.4%	66.3	66.3	0.0	-0.1%
29.6%	66.3	66.2	-0.2	-0.2%
30.9%	66.2	66.2	-0.1	-0.1%
32.1%	66.2	66.1	-0.1	-0.1%
33.3%	66.2	66.1	-0.1	-0.1%
34.6%	66.1	66.1	-0.1	-0.1%
35.8%	66.1	66.1	0.0	0.0%
37.0%	66.0	66.1	0.0	0.0%
38.3%	66.0	66.0	0.0	0.0%
39.5%	65.9	65.8	-0.1	-0.1%
40.7%	65.9	65.8	0.0	0.0%
42.0%	65.8	65.7	-0.1	-0.1%
43.2%	65.8	65.6	-0.1	-0.2%
44.4%	65.8	65.6	-0.1	-0.2%
45.7%	65.7	65.6	-0.1	-0.1%
46.9%	65.5	65.6	0.0	0.0%
48.1%	65.5	65.5	0.0	0.0%
49.4%	65.5	65.5	0.1	0.1%
50.6%	65.5	65.4	0.0	0.0%
51.9%	65.4	65.4	0.0	0.0%
53.1%	65.4	65.4	0.0	0.0%
54.3%	65.4	65.4	0.0	0.0%
55.6%	65.3	65.4	0.0	0.0%
56.8%	65.3	65.3	0.0	0.0%
58.0%	65.3	65.2	-0.1	-0.1%
59.3%	65.3	65.1	-0.2	-0.3%
60.5%	65.2	65.1	-0.1	-0.2%
61.7%	65.1	65.0	-0.1	-0.2%
63.0%	65.1	65.0	-0.1	-0.2%
64.2%	65.1	65.0	-0.1	-0.2%
65.4%	65.1	65.0	-0.1	-0.2%
66.7%	65.0	65.0	0.0	-0.1%
67.9%	65.0	64.8	-0.2	-0.2%
69.1%	65.0	64.8	-0.2	-0.3%
70.4%	64.8	64.7	-0.1	-0.2%
71.6%	64.8	64.7	-0.1	-0.1%
72.8%	64.4	64.6	0.2	0.2%
74.1%	64.4	64.5	0.2	0.3%
75.3%	64.3	64.5	0.2	0.3%
76.5%	64.3	64.5	0.2	0.4%
77.8%	64.3	64.5	0.2	0.4%
79.0%	64.2	64.5	0.2	0.3%
80.2%	64.2	64.4	0.1	0.2%
81.5%	64.2	64.3	0.2	0.2%
82.7%	64.1	64.1	0.0	-0.1%
84.0%	63.9	64.1	0.1	0.2%
85.2%	63.9	64.0	0.1	0.2%
86.4%	63.8	63.9	0.0	0.0%
87.7%	63.6	63.8	0.1	0.2%
88.9%	63.6	63.6	0.0	0.0%
90.1%	63.5	63.6	0.0	0.1%
91.4%	63.4	63.6	0.1	0.2%
92.6%	63.4	63.5	0.2	0.3%
93.8%	63.2	63.3	0.1	0.2%
95.1%	63.2	63.3	0.1	0.1%
96.3%	63.1	63.1	0.0	-0.1%
97.5%	63.1	63.0	-0.1	-0.1%
98.8%	63.0	62.9	-0.1	-0.2%
100.0%	62.8	62.7	-0.1	-0.2%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	68.7	67.7	-1.0	-1.4%
1.2%	68.5	67.7	-0.8	-1.1%
2.5%	68.3	67.7	-0.6	-0.9%
3.7%	68.2	67.5	-0.6	-0.9%
4.9%	67.8	67.0	-0.9	-1.3%
6.2%	67.4	66.9	-0.5	-0.7%
7.4%	67.0	66.4	-0.6	-0.9%
8.6%	66.6	66.4	-0.2	-0.3%
9.9%	66.3	66.4	0.1	0.1%
11.1%	66.3	66.3	0.0	0.0%
12.3%	66.1	65.8	-0.3	-0.4%
13.6%	66.0	65.5	-0.6	-0.9%
14.8%	66.0	65.4	-0.6	-0.9%
16.0%	65.7	65.0	-0.6	-1.0%
17.3%	65.4	65.0	-0.4	-0.6%
18.5%	65.3	65.0	-0.3	-0.4%
19.8%	65.2	64.9	-0.3	-0.4%
21.0%	65.1	64.8	-0.3	-0.5%
22.2%	65.0	64.5	-0.5	-0.7%
23.5%	65.0	64.5	-0.4	-0.7%
24.7%	64.9	64.5	-0.4	-0.7%
25.9%	64.8	64.4	-0.4	-0.5%
27.2%	64.7	64.4	-0.3	-0.5%
28.4%	64.7	64.4	-0.3	-0.5%
29.6%	64.7	64.4	-0.3	-0.4%
30.9%	64.5	64.3	-0.3	-0.4%
32.1%	64.5	64.1	-0.4	-0.5%
33.3%	64.4	64.1	-0.3	-0.5%
34.6%	64.3	64.0	-0.4	-0.6%
35.8%	64.3	64.0	-0.3	-0.5%
37.0%	64.2	63.9	-0.3	-0.5%
38.3%	64.0	63.8	-0.2	-0.3%
39.5%	64.0	63.7	-0.3	-0.5%
40.7%	63.9	63.6	-0.3	-0.5%
42.0%	63.8	63.5	-0.3	-0.5%
43.2%	63.7	63.4	-0.3	-0.4%
44.4%	63.6	63.4	-0.2	-0.3%
45.7%	63.5	63.3	-0.2	-0.3%
46.9%	63.5	63.2	-0.2	-0.4%
48.1%	63.4	63.2	-0.2	-0.2%
49.4%	63.4	63.2	-0.2	-0.3%
50.6%	63.3	63.2	-0.1	-0.1%
51.9%	63.2	63.1	-0.1	-0.1%
53.1%	63.2	63.1	-0.1	-0.1%
54.3%	63.0	63.1	0.1	0.1%
55.6%	62.9	63.0	0.2	0.3%
56.8%	62.8	63.0	0.2	0.3%
58.0%	62.8	63.0	0.2	0.4%
59.3%	62.8	63.0	0.2	0.3%
60.5%	62.5	62.9	0.4	0.7%
61.7%	62.5	62.9	0.4	0.6%
63.0%	62.4	62.8	0.4	0.7%
64.2%	62.3	62.7	0.4	0.6%
65.4%	62.3	62.6	0.3	0.4%
66.7%	62.2	62.4	0.2	0.3%
67.9%	62.2	62.4	0.2	0.3%
69.1%	61.8	62.2	0.4	0.7%
70.4%	61.8	61.8	0.1	0.1%
71.6%	61.6	61.8	0.2	0.4%
72.8%	61.5	61.7	0.1	0.2%
74.1%	61.5	61.6	0.1	0.2%
75.3%	61.5	61.4	-0.1	-0.2%
76.5%	61.4	61.4	0.0	0.1%
77.8%	61.2	61.3	0.1	0.2%
79.0%	61.2	61.3	0.1	0.1%
80.2%	61.2	61.1	0.0	-0.1%
81.5%	61.0	61.1	0.0	0.0%
82.7%	61.0	61.0	0.0	0.0%
84.0%	60.9	60.9	0.0	0.0%
85.2%	60.9	60.9	0.0	0.0%
86.4%	60.9	60.8	-0.1	-0.2%
87.7%	60.8	60.7	0.0	-0.1%
88.9%	60.6	60.7	0.1	0.1%
90.1%	60.6	60.4	-0.1	-0.2%
91.4%	60.5	60.3	-0.2	-0.3%
92.6%	60.4	60.2	-0.2	-0.4%
93.8%	60.3	60.0	-0.3	-0.6%
95.1%	59.9	59.8	-0.2	-0.3%
96.3%	59.7	59.6	-0.1	-0.1%
97.5%	59.2	59.5	0.4	0.6%
98.8%	59.0	59.0	0.0	0.1%
100.0%	59.0	58.5	-0.5	-0.9%

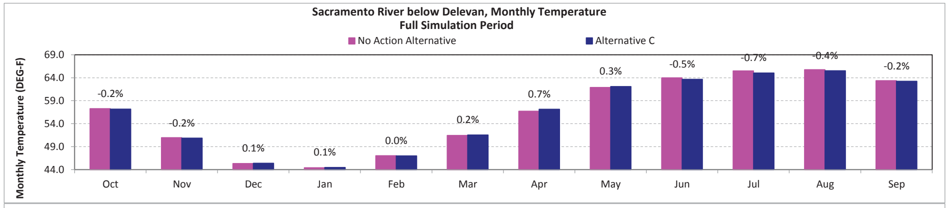
Table SQ-10-7a
Sacramento River below Delevan, Monthly Temperature
Long-term Average and Average by Water Year Type

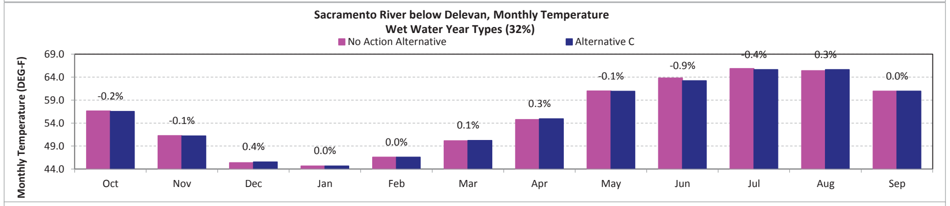
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	57.3	51.0	45.3	44.4	47.0	51.4	56.7	61.9	64.0	65.5	65.8	63.4
Alternative C	57.2	50.9	45.4	44.5	47.0	51.5	57.2	62.1	63.7	65.0	65.5	63.2
Difference	-0.1	-0.1	0.1	0.1	0.0	0.1	0.4	0.2	-0.3	-0.5	-0.2	-0.1
Percent Difference[3]	-0.2%	-0.2%	0.1%	0.1%	0.0%	0.2%	0.7%	0.3%	-0.5%	-0.7%	-0.4%	-0.2%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	56.6	51.3	45.4	44.7	46.6	50.2	54.8	61.0	63.8	65.9	65.4	61.0
Alternative C	56.5	51.2	45.5	44.7	46.6	50.2	54.9	60.9	63.2	65.6	65.6	61.0
Difference	-0.1	-0.1	0.2	0.0	0.0	0.1	0.2	0.0	-0.6	-0.2	0.2	0.0
Percent Difference	-0.2%	-0.1%	0.4%	0.0%	0.0%	0.1%	0.3%	-0.1%	-0.9%	-0.4%	0.3%	0.0%
Above Normal (15%)												
No Action Alternative	56.8	50.6	45.7	44.8	46.9	51.3	56.8	62.7	64.0	64.7	65.5	62.9
Alternative C	56.7	50.6	45.8	44.8	46.9	51.4	57.1	62.6	63.6	64.1	65.7	63.1
Difference	-0.1	0.0	0.1	0.1	0.0	0.1	0.4	-0.1	-0.4	-0.6	0.1	0.3
Percent Difference	-0.1%	0.0%	0.3%	0.1%	0.0%	0.2%	0.7%	-0.1%	-0.6%	-1.0%	0.2%	0.5%
Below Normal (17%)												
No Action Alternative	56.6	50.7	45.5	44.2	46.5	51.5	57.6	62.3	63.7	65.1	65.3	64.1
Alternative C	56.4	50.6	45.5	44.2	46.5	51.6	58.2	62.7	63.5	64.3	65.3	63.8
Difference	-0.2	-0.1	0.0	0.0	0.0	0.2	0.6	0.4	-0.2	-0.8	0.0	-0.3
Percent Difference	-0.4%	-0.1%	-0.1%	0.0%	0.0%	0.3%	1.1%	0.6%	-0.3%	-1.2%	0.0%	-0.5%
Dry (22%)												
No Action Alternative	57.6	51.2	45.3	44.1	47.3	52.3	58.2	62.0	64.3	65.0	65.4	64.7
Alternative C	57.6	51.0	45.3	44.3	47.2	52.3	58.9	62.4	64.1	64.7	65.1	64.4
Difference	0.0	-0.2	0.0	0.2	-0.1	0.1	0.7	0.3	-0.1	-0.3	-0.4	-0.3
Percent Difference	0.0%	-0.4%	-0.1%	0.4%	-0.1%	0.2%	1.3%	0.5%	-0.2%	-0.5%	-0.6%	-0.5%
Critical (15%)												
No Action Alternative	59.6	50.7	44.7	44.3	48.2	53.1	57.8	62.4	64.3	66.8	67.8	66.3
Alternative C	59.4	50.5	44.8	44.4	48.2	53.2	58.1	62.9	64.1	66.2	66.2	65.8
Difference	-0.1	-0.2	0.1	0.1	0.0	0.1	0.3	0.6	-0.3	-0.6	-1.6	-0.4
Percent Difference	-0.2%	-0.3%	0.1%	0.2%	0.0%	0.2%	0.5%	0.9%	-0.4%	-0.9%	-2.4%	-0.6%

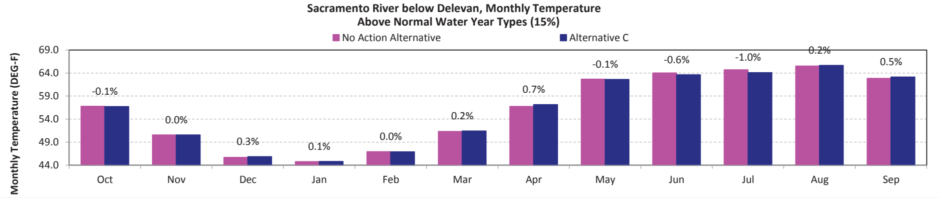
1 Based on the 82-year simulation period

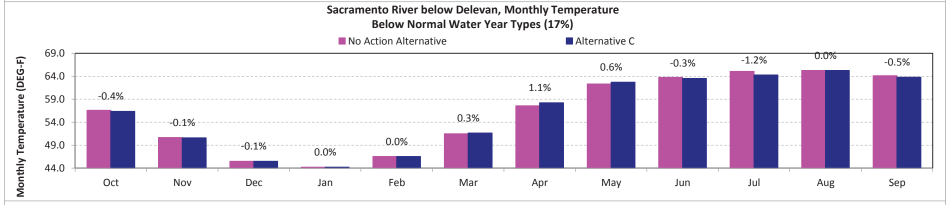
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

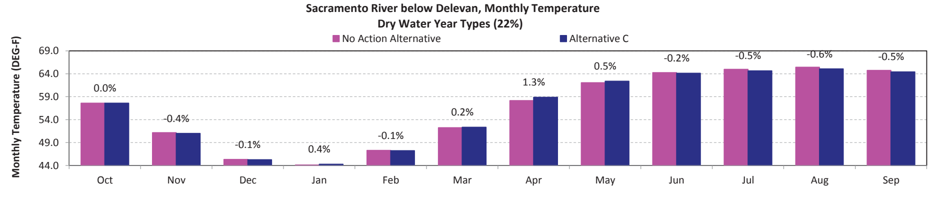
3 Relative difference of the monthly average











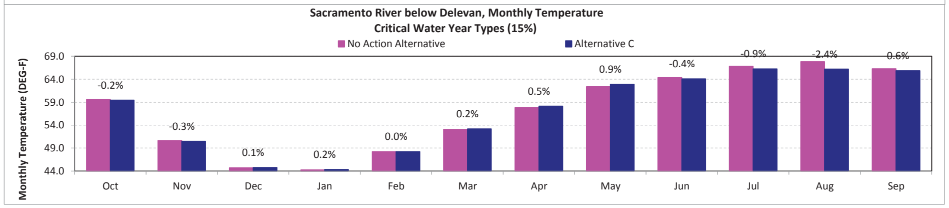


Figure SQ-10-7b
Sacramento River below Delevan, Monthly Temperature
Probability of Exceedance

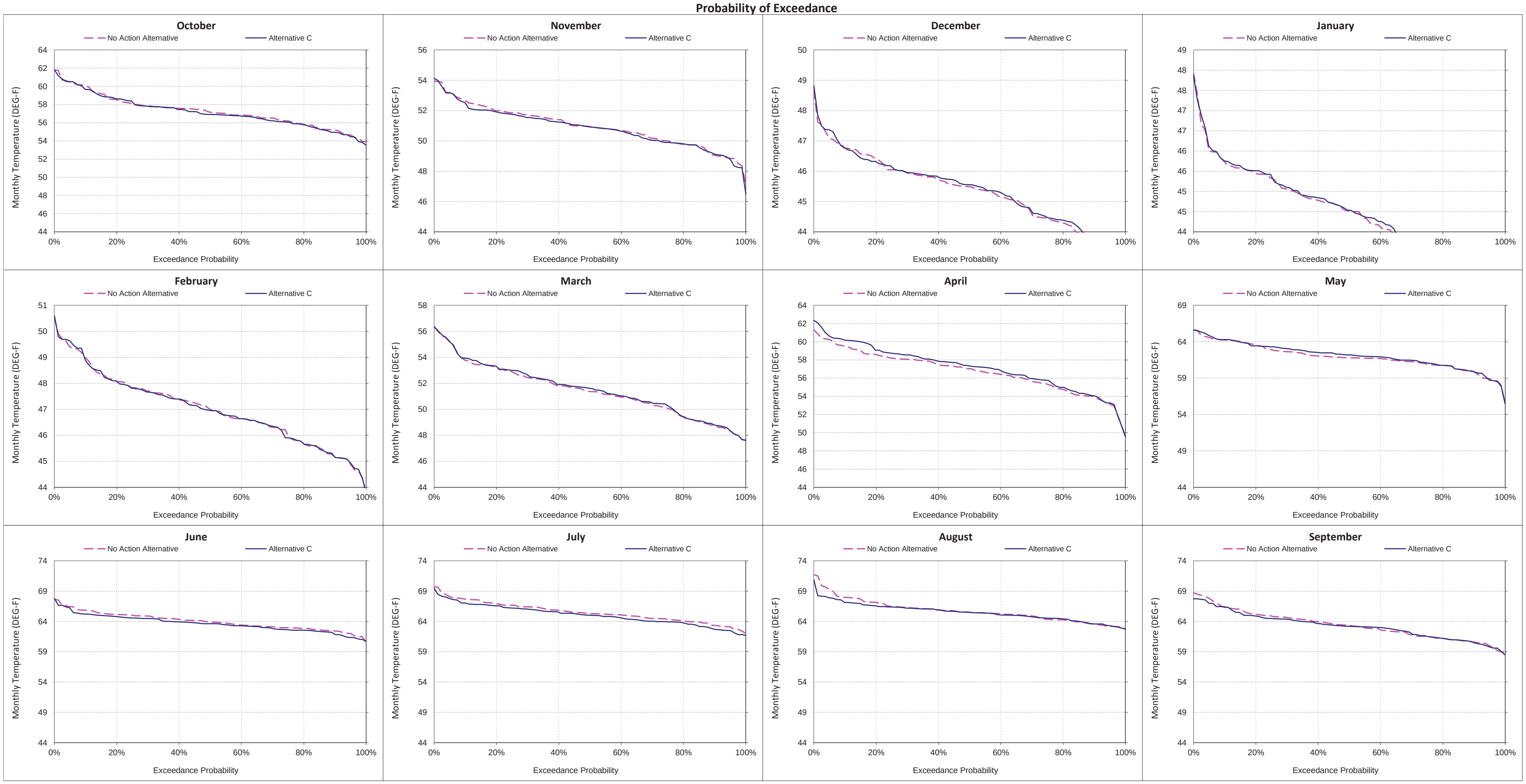


Table SQ-10-7b

Sacramento River below Delevan, Monthly Temperature

Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	61.8	61.8	0.0	0.0%
1.2%	61.8	61.2	-0.6	-0.9%
2.5%	60.7	60.8	0.1	0.2%
3.7%	60.7	60.5	-0.1	-0.2%
4.9%	60.5	60.5	0.1	0.1%
6.2%	60.4	60.5	0.1	0.2%
7.4%	60.2	60.2	0.0	0.0%
8.6%	60.2	60.1	-0.1	-0.1%
9.9%	60.1	59.7	-0.4	-0.7%
11.1%	59.9	59.6	-0.2	-0.4%
12.3%	59.4	59.5	0.1	0.2%
13.6%	59.3	59.2	-0.1	-0.2%
14.8%	59.2	59.0	-0.2	-0.4%
16.0%	59.1	58.9	-0.3	-0.5%
17.3%	58.6	58.8	0.2	0.4%
18.5%	58.6	58.8	0.2	0.4%
19.8%	58.6	58.6	0.1	0.1%
21.0%	58.4	58.6	0.3	0.5%
22.2%	58.3	58.6	0.3	0.5%
23.5%	58.2	58.4	0.2	0.4%
24.7%	58.1	58.4	0.3	0.5%
25.9%	58.0	58.0	-0.1	-0.1%
27.2%	58.0	57.9	-0.1	-0.1%
28.4%	57.9	57.9	0.0	0.0%
29.6%	57.9	57.8	0.0	-0.1%
30.9%	57.8	57.8	-0.1	-0.1%
32.1%	57.8	57.8	0.0	0.0%
33.3%	57.7	57.8	0.0	0.0%
34.6%	57.7	57.7	0.0	0.0%
35.8%	57.7	57.7	-0.1	-0.1%
37.0%	57.7	57.7	0.0	0.0%
38.3%	57.6	57.7	0.1	0.1%
39.5%	57.6	57.5	-0.1	-0.2%
40.7%	57.6	57.4	-0.1	-0.2%
42.0%	57.6	57.4	-0.2	-0.3%
43.2%	57.5	57.2	-0.3	-0.5%
44.4%	57.5	57.2	-0.3	-0.5%
45.7%	57.5	57.2	-0.3	-0.5%
46.9%	57.5	57.0	-0.5	-0.8%
48.1%	57.4	56.9	-0.4	-0.8%
49.4%	57.2	56.9	-0.3	-0.5%
50.6%	57.1	56.9	-0.2	-0.3%
51.9%	57.1	56.9	-0.2	-0.3%
53.1%	57.0	56.9	-0.2	-0.3%
54.3%	57.0	56.9	-0.2	-0.3%
55.6%	57.0	56.8	-0.2	-0.3%
56.8%	56.9	56.8	-0.1	-0.1%
58.0%	56.8	56.8	-0.1	-0.1%
59.3%	56.8	56.8	-0.1	-0.1%
60.5%	56.8	56.7	-0.1	-0.2%
61.7%	56.8	56.7	-0.1	-0.2%
63.0%	56.8	56.7	-0.1	-0.2%
64.2%	56.7	56.6	-0.1	-0.2%
65.4%	56.6	56.4	-0.2	-0.3%
66.7%	56.5	56.4	-0.1	-0.2%
67.9%	56.5	56.3	-0.2	-0.4%
69.1%	56.5	56.2	-0.3	-0.5%
70.4%	56.5	56.2	-0.3	-0.6%
71.6%	56.3	56.1	-0.2	-0.4%
72.8%	56.3	56.1	-0.2	-0.3%
74.1%	56.2	56.1	-0.1	-0.2%
75.3%	56.2	56.1	-0.1	-0.2%
76.5%	56.0	55.9	-0.1	-0.2%
77.8%	55.9	55.9	0.0	-0.1%
79.0%	55.8	55.9	0.0	0.1%
80.2%	55.8	55.8	0.1	0.1%
81.5%	55.7	55.6	-0.1	-0.2%
82.7%	55.7	55.5	-0.2	-0.4%
84.0%	55.3	55.5	0.2	0.3%
85.2%	55.3	55.3	-0.1	-0.1%
86.4%	55.3	55.2	-0.1	-0.1%
87.7%	55.2	55.1	-0.1	-0.2%
88.9%	55.2	54.9	-0.3	-0.6%
90.1%	55.2	54.9	-0.3	-0.5%
91.4%	55.1	54.9	-0.2	-0.4%
92.6%	54.8	54.7	-0.1	-0.2%
93.8%	54.7	54.7	0.0	0.1%
95.1%	54.6	54.4	-0.2	-0.4%
96.3%	54.4	54.4	0.1	0.1%
97.5%	54.3	53.9	-0.4	-0.7%
98.8%	53.9	53.8	-0.1	-0.2%
100.0%	53.9	53.5	0.0	-0.7%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.9	54.1	0.2	0.4%
1.2%	53.9	54.0	0.1	0.1%
2.5%	53.9	53.6	-0.3	-0.5%
3.7%	53.2	53.2	0.0	0.1%
4.9%	53.1	53.2	0.0	0.1%
6.2%	53.0	53.1	0.0	0.1%
7.4%	52.9	52.8	-0.1	-0.2%
8.6%	52.8	52.6	-0.2	-0.3%
9.9%	52.7	52.5	-0.1	-0.3%
11.1%	52.5	52.1	-0.4	-0.7%
12.3%	52.5	52.1	-0.4	-0.7%
13.6%	52.4	52.1	-0.4	-0.7%
14.8%	52.4	52.0	-0.3	-0.6%
16.0%	52.3	52.0	-0.3	-0.5%
17.3%	52.2	52.0	-0.2	-0.4%
18.5%	52.1	52.0	-0.1	-0.2%
19.8%	52.0	51.9	-0.1	-0.1%
21.0%	52.0	51.9	-0.1	-0.3%
22.2%	51.9	51.8	-0.1	-0.3%
23.5%	51.9	51.8	-0.1	-0.2%
24.7%	51.9	51.8	-0.1	-0.1%
25.9%	51.8	51.7	-0.1	-0.2%
27.2%	51.8	51.7	-0.2	-0.3%
28.4%	51.7	51.6	-0.1	-0.2%
29.6%	51.7	51.5	-0.2	-0.4%
30.9%	51.7	51.5	-0.1	-0.3%
32.1%	51.6	51.5	-0.2	-0.3%
33.3%	51.6	51.5	-0.2	-0.3%
34.6%	51.5	51.5	-0.1	-0.1%
35.8%	51.5	51.4	-0.1	-0.2%
37.0%	51.5	51.3	-0.2	-0.3%
38.3%	51.4	51.3	-0.2	-0.3%
39.5%	51.4	51.2	-0.2	-0.3%
40.7%	51.4	51.2	-0.2	-0.3%
42.0%	51.2	51.2	0.0	0.0%
43.2%	51.1	51.2	0.1	0.2%
44.4%	51.0	51.1	0.1	0.1%
45.7%	51.0	51.1	0.1	0.1%
46.9%	51.0	51.0	0.0	0.1%
48.1%	51.0	51.0	0.0	0.0%
49.4%	50.9	51.0	0.0	0.1%
50.6%	50.9	50.9	0.0	0.0%
51.9%	50.9	50.9	0.0	0.0%
53.1%	50.9	50.8	0.0	0.0%
54.3%	50.8	50.8	0.0	0.0%
55.6%	50.8	50.8	0.0	0.0%
56.8%	50.8	50.8	0.0	0.0%
58.0%	50.7	50.8	0.0	0.0%
59.3%	50.7	50.7	0.0	-0.1%
60.5%	50.7	50.6	0.0	0.0%
61.7%	50.6	50.5	-0.1	-0.2%
63.0%	50.6	50.5	-0.1	-0.2%
64.2%	50.5	50.4	-0.2	-0.4%
65.4%	50.5	50.4	-0.2	-0.3%
66.7%	50.4	50.2	-0.2	-0.4%
67.9%	50.4	50.2	-0.2	-0.5%
69.1%	50.2	50.1	-0.1	-0.3%
70.4%	50.2	50.0	-0.1	-0.3%
71.6%	50.1	50.0	-0.1	-0.2%
72.8%	50.0	50.0	-0.1	-0.2%
74.1%	50.0	49.9	-0.1	-0.2%
75.3%	50.0	49.9	-0.1	-0.2%
76.5%	49.9	49.9	0.0	-0.1%
77.8%	49.9	49.9	0.0	0.0%
79.0%	49.8	49.8	0.0	0.0%
80.2%	49.8	49.8	0.0	0.0%
81.5%	49.8	49.7	0.0	0.0%
82.7%	49.7	49.7	0.0	0.0%
84.0%	49.7	49.7	0.0	0.0%
85.2%	49.7	49.6	-0.1	-0.2%
86.4%	49.6	49.4	-0.2	-0.3%
87.7%	49.3	49.3	0.0	0.0%
88.9%	49.1	49.2	0.2	0.3%
90.1%	49.1	49.1	0.1	0.1%
91.4%	49.0	49.1	0.1	0.2%
92.6%	49.0	49.0	0.1	0.1%
93.8%	48.9	48.9	0.0	0.1%
95.1%	48.8	48.8	-0.1	-0.1%
96.3%	48.8	48.3	-0.5	-1.0%
97.5%	48.5	48.2	-0.3	-0.6%
98.8%	48.4	48.2	-0.1	-0.3%
100.0%	47.1	46.5	-0.6	-1.4%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	48.7	48.8	0.2	0.3%
1.2%	47.6	47.8	0.2	0.5%
2.5%	47.5	47.5	0.0	-0.1%
3.7%	47.3	47.4	0.1	0.1%
4.9%	47.1	47.4	0.3	0.6%
6.2%	47.1	47.3	0.2	0.5%
7.4%	46.9	47.1	0.1	0.2%
8.6%	46.9	46.8	-0.1	-0.1%
9.9%	46.8	46.8	0.0	0.0%
11.1%	46.7	46.7	-0.1	-0.1%
12.3%	46.7	46.7	-0.1	-0.1%
13.6%	46.7	46.6	-0.1	-0.3%
14.8%	46.6	46.4	-0.1	-0.3%
16.0%	46.5	46.4	-0.1	-0.3%
17.3%	46.5	46.4	-0.2	-0.3%
18.5%	46.5	46.3	-0.2	-0.4%
19.8%	46.4	46.3	-0.1	-0.2%
21.0%	46.4	46.2	-0.1	-0.2%
22.2%	46.2	46.2	0.0	-0.1%
23.5%	46.0	46.2	0.1	0.3%
24.7%	46.0	46.2	0.1	0.3%
25.9%	46.0	46.1	0.0	0.0%
27.2%	46.0	46.0	0.0	0.0%
28.4%	46.0	46.0	0.0	0.0%
29.6%	46.0	46.0	0.0	0.0%
30.9%	45.9	46.0	0.0	0.1%
32.1%	45.9	45.9	0.0	0.1%
33.3%	45.9	45.9	0.0	0.1%
34.6%	45.9	45.9	0.0	0.1%
35.8%	45.8	45.9	0.1	0.1%
37.0%	45.8	45.8	0.0	0.1%
38.3%	45.8	45.8	0.0	0.1%
39.5%	45.8	45.8	0.1	0.2%
40.7%	45.7	45.8	0.1	0.2%
42.0%	45.7	45.8	0.1	0.2%
43.2%	45.6	45.7	0.2	0.4%
44.4%	45.6	45.7	0.2	0.4%
45.7%	45.5	45.7	0.1	0.3%
46.9%	45.5	45.6	0.1	0.2%
48.1%	45.5	45.6	0.1	0.1%
49.4%	45.5	45.6	0.1	0.1%
50.6%	45.5	45.6	0.1	0.2%
51.9%	45.4	45.5	0.1	0.2%
53.1%	45.4	45.5	0.1	0.2%
54.3%	45.4	45.5	0.1	0.2%
55.6%	45.3	45.4	0.0	0.0%
56.8%	45.3	45.4	0.0	0.1%
58.0%	45.3	45.4	0.1	0.2%
59.3%	45.2	45.3	0.1	0.3%
60.5%	45.2	45.3	0.1	0.2%
61.7%	45.1	45.2	0.1	0.2%
63.0%	45.1	45.2	0.1	0.2%
64.2%	45.0	45.0	0.0	0.0%
65.4%	45.0	44.9	-0.1	-0.3%
66.7%	44.9	44.8	-0.1	-0.2%
67.9%	44.8	44.8	0.0	-0.1%
69.1%	44.7	44.8	0.1	0.1%
70.4%	44.5	44.6	0.1	0.2%
71.6%	44.5	44.6	0.1	0.3%
72.8%	44.5	44.6	0.1	0.2%
74.1%	44.5	44.5	0.1	0.1%
75.3%	44.4	44.5	0.0	0.0%
76.5%	44.4	44.4	0.1	0.1%
77.8%	44.3	44.4	0.1	0.1%
79.0%	44.3	44.4	0.1	0.2%
80.2%	44.3	44.4	0.1	0.2%
81.5%	44.2	44.3	0.1	0.2%
82.7%	44.2	44.3	0.1	0.3%
84.0%	44.0	44.2	0.2	0.5%
85.2%	44.0	44.1	0.2	0.4%
86.4%	43.8	44.0	0.1	0.3%
87.7%	43.8	43.9	0.1	0.2%
88.9%	43.7	43.9	0.2	0.6%
90.1%	43.6	43.9	0.3	0.7%
91.4%	43.5	43.8	0.3	0.6%
92.6%	43.5	43.7	0.3	0.6%
93.8%	43.4	43.6	0.2	0.5%
95.1%	43.4	43.6	0.2	0.5%
96.3%	43.4	43.6	0.2	0.4%
97.5%	43.2	43.6	0.4	0.8%
98.8%	43.0	42.6	-0.4	-0.9%
100.0%	41.6	41.7	0.1	0.3%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.9	47.9	-0.1	-0.1%
1.2%	47.4	47.3	-0.1	-0.3%
2.5%	46.7	46.9	0.2	0.5%
3.7%	46.5	46.6	0.1	0.1%
4.9%	46.0	46.1	0.1	0.3%
6.2%	46.0	46.0	0.0	0.1%
7.4%	46.0	46.0	0.0	0.0%
8.6%	45.8	45.8	0.0	0.0%
9.9%	45.7	45.8	0.0	0.0%
11.1%	45.6	45.7	0.1	0.2%
12.3%	45.6	45.7	0.1	0.1%
13.6%	45.6	45.7	0.1	0.1%
14.8%	45.6	45.6	0.1	0.1%
16.0%	45.6	45.6	0.0	0.0%
17.3%	45.5	45.5	0.0	0.0%
18.5%	45.5	45.5	0.0	0.0%
19.8%	45.4	45.5	0.1	0.2%
21.0%	45.4	45.5	0.1	0.2%
22.2%	45.4	45.5	0.0	0.1%
23.5%	45.4	45.4	0.0	0.0%
24.7%	45.3	45.4	0.1	0.2%
25.9%	45.3	45.2	-0.1	-0.1%
27.2%	45.2	45.2	0.0	0.0%
28.4%	45.1	45.2	0.1	0.2%
29.6%	45.1	45.1	0.0	0.1%
30.9%	45.0	45.1	0.1	0.2%
32.1%	45.0	45.0	0.0	0.0%
33.3%	45.0	45.0	0.1	0.1%
34.6%	44.9	44.9	0.0	0.0%
35.8%	44.9	44.9	0.0	0.1%
37.0%	44.8	44.9	0.0	0.1%
38.3%	44.8	44.9	0.0	0.1%
39.5%	44.8	44.9	0.1	0.1%
40.7%	44.8	44.8	0.1	0.1%
42.0%	44.7	44.8	0.1	0.2%
43.2%	44.7	44.7	0.0	0.0%
44.4%	44.7	44.7	0.0	0.0%
45.7%	44.7	44.7	0.0	0.0%
46.9%	44.6	44.6	0.0	0.0%
48.1%	44.6	44.6	0.0	0.1%
49.4%	44.5	44.5	0.0	0.0%
50.6%	44.5	44.5	0.0	0.0%
51.9%	44.5	44.5	0.0	-0.1%
53.1%	44.5	44.4	-0.1	-0.1%
54.3%	44.4	44.4	0.0	0.1%
55.6%	44.3	44.4	0.0	0.1%
56.8%	44.2	44.4	0.1	0.3%
58.0%	44.2	44.3	0.1	0.3%
59.3%	44.2	44.3	0.1	0.2%
60.5%	44.1	44.2	0.2	0.4%
61.7%	44.1	44.2	0.1	0.3%
63.0%	44.0	44.2	0.1	0.3%
64.2%	43.9	44.1	0.1	0.3%
65.4%	43.9	43.9	0.0	-0.1%
66.7%	43.9	43.8	-0.1	-0.1%
67.9%	43.9	43.8	-0.1	-0.2%
69.1%	43.8	43.7	0.0	0.0%
70.4%	43.7	43.7	0.1	0.2%
71.6%	43.6	43.7	0.0	0.0%
72.8%	43.5	43.6	0.1	0.2%
74.1%	43.5	43.6	0.1	0.2%
75.3%	43.5	43.6	0.1	0.3%
76.5%	43.4	43.6	0.2	0.5%
77.8%	43.4	43.6	0.2	0.5%
79.0%	43.3	43.6	0.3	0.6%
80.2%	43.3	43.5	0.3	0.6%
81.5%	43.2	43.5	0.2	0.5%
82.7%	43.2	43.4	0.2	0.5%
84.0%	43.1	43.3	0.2	0.5%
85.2%	43.1	43.3	0.2	0.4%
86.4%	43.1	43.2	0.1	0.3%
87.7%	43.1	43.2	0.1	0.2%
88.9%	43.0	43.0	0.0	0.1%
90.1%	42.8	42.9	0.1	0.3%
91.4%	42.8	42.8	0.1	0.1%
92.6%	42.7	42.7	0.0	0.0%
93.8%	42.7	42.6	-0.1	-0.2%
95.1%	42.7	42.6	-0.1	-0.2%
96.3%	42.4	42.5	0.1	0.2%
97.5%	42.2	42.1	-0.1	-0.2%
98.8%	41.8	41.8	0.0	0.0%
100.0%	41.5	41.8	0.3	0.7%

Table SQ-10-7b

Sacramento River below Delevan, Monthly Temperature
Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.5	50.6	0.1	0.2%
1.2%	49.9	49.8	-0.1	-0.2%
2.5%	49.7	49.7	0.0	-0.1%
3.7%	49.6	49.7	0.1	0.1%
4.9%	49.4	49.6	0.2	0.5%
6.2%	49.3	49.5	0.1	0.3%
7.4%	49.3	49.4	0.0	0.1%
8.6%	49.2	49.4	0.2	0.3%
9.9%	49.0	48.9	-0.1	-0.2%
11.1%	48.8	48.7	-0.1	-0.3%
12.3%	48.6	48.6	0.0	0.0%
13.6%	48.4	48.5	0.1	0.2%
14.8%	48.4	48.5	0.1	0.3%
16.0%	48.3	48.2	-0.1	-0.2%
17.3%	48.2	48.2	0.0	0.0%
18.5%	48.2	48.1	-0.1	-0.1%
19.8%	48.1	48.1	0.0	0.0%
21.0%	48.1	48.0	-0.1	-0.2%
22.2%	48.0	48.0	-0.1	-0.2%
23.5%	47.9	47.9	0.0	0.0%
24.7%	47.8	47.8	0.0	-0.1%
25.9%	47.8	47.8	0.0	-0.1%
27.2%	47.8	47.8	0.0	-0.1%
28.4%	47.8	47.7	0.0	-0.1%
29.6%	47.7	47.7	0.0	-0.1%
30.9%	47.7	47.7	0.0	-0.1%
32.1%	47.6	47.6	0.0	0.0%
33.3%	47.6	47.6	-0.1	-0.1%
34.6%	47.6	47.6	-0.1	-0.1%
35.8%	47.6	47.5	-0.1	-0.2%
37.0%	47.5	47.4	-0.1	-0.2%
38.3%	47.4	47.4	0.0	0.0%
39.5%	47.4	47.4	0.0	0.0%
40.7%	47.3	47.4	0.0	0.1%
42.0%	47.3	47.3	-0.1	-0.1%
43.2%	47.3	47.2	-0.1	-0.3%
44.4%	47.3	47.2	-0.1	-0.2%
45.7%	47.2	47.1	-0.1	-0.2%
46.9%	47.2	47.0	-0.1	-0.3%
48.1%	47.2	47.0	-0.2	-0.3%
49.4%	47.0	47.0	-0.1	-0.2%
50.6%	47.0	46.9	0.0	0.0%
51.9%	47.0	46.9	0.0	0.0%
53.1%	46.9	46.8	-0.1	-0.2%
54.3%	46.8	46.8	0.0	0.1%
55.6%	46.7	46.8	0.0	0.1%
56.8%	46.7	46.7	0.1	0.1%
58.0%	46.6	46.7	0.1	0.2%
59.3%	46.6	46.6	0.0	0.0%
60.5%	46.6	46.6	0.0	0.0%
61.7%	46.6	46.6	0.0	0.0%
63.0%	46.6	46.6	0.0	0.0%
64.2%	46.6	46.6	0.0	0.0%
65.4%	46.5	46.5	0.0	0.0%
66.7%	46.5	46.5	0.0	0.1%
67.9%	46.4	46.4	0.0	0.0%
69.1%	46.3	46.4	0.0	0.1%
70.4%	46.3	46.3	0.0	0.1%
71.6%	46.3	46.3	0.0	0.0%
72.8%	46.2	46.2	0.0	-0.1%
74.1%	46.2	45.9	-0.3	-0.7%
75.3%	45.9	45.9	0.0	-0.1%
76.5%	45.8	45.9	0.0	0.1%
77.8%	45.8	45.8	0.0	0.0%
79.0%	45.8	45.8	0.0	0.0%
80.2%	45.7	45.6	0.0	0.0%
81.5%	45.6	45.6	0.0	0.1%
82.7%	45.6	45.6	0.0	0.1%
84.0%	45.6	45.6	0.0	0.1%
85.2%	45.5	45.5	0.0	-0.1%
86.4%	45.4	45.4	0.0	-0.1%
87.7%	45.3	45.3	0.0	0.1%
88.9%	45.3	45.3	0.0	0.1%
90.1%	45.1	45.1	0.0	0.0%
91.4%	45.1	45.1	0.0	0.0%
92.6%	45.1	45.1	0.0	0.0%
93.8%	45.1	45.1	0.0	0.0%
95.1%	44.9	44.9	0.0	0.1%
96.3%	44.7	44.7	0.1	0.1%
97.5%	44.6	44.7	0.1	0.1%
98.8%	44.4	44.3	0.0	-0.1%
100.0%	43.8	43.8	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.4	56.3	0.0	0.0%
1.2%	56.0	56.1	0.1	0.1%
2.5%	55.6	55.7	0.1	0.2%
3.7%	55.6	55.5	0.0	-0.1%
4.9%	55.2	55.2	0.0	-0.1%
6.2%	54.9	54.9	0.1	0.1%
7.4%	54.4	54.3	-0.1	-0.2%
8.6%	54.0	54.0	0.0	0.0%
9.9%	53.8	53.9	0.2	0.3%
11.1%	53.7	53.9	0.2	0.3%
12.3%	53.5	53.8	0.2	0.5%
13.6%	53.4	53.7	0.3	0.6%
14.8%	53.4	53.6	0.1	0.2%
16.0%	53.4	53.4	0.0	0.1%
17.3%	53.4	53.4	0.0	0.0%
18.5%	53.3	53.4	0.1	0.1%
19.8%	53.3	53.3	0.1	0.1%
21.0%	53.1	53.1	0.0	0.1%
22.2%	53.1	53.1	0.0	0.1%
23.5%	52.9	53.0	0.1	0.2%
24.7%	52.9	53.0	0.1	0.2%
25.9%	52.8	53.0	0.2	0.4%
27.2%	52.6	52.9	0.3	0.6%
28.4%	52.6	52.8	0.2	0.4%
29.6%	52.5	52.7	0.2	0.5%
30.9%	52.4	52.5	0.1	0.1%
32.1%	52.4	52.4	0.1	0.1%
33.3%	52.3	52.4	0.1	0.1%
34.6%	52.3	52.4	0.1	0.1%
35.8%	52.3	52.3	0.0	0.0%
37.0%	52.1	52.2	0.2	0.3%
38.3%	52.0	52.1	0.2	0.4%
39.5%	51.8	51.9	0.1	0.2%
40.7%	51.8	51.9	0.1	0.2%
42.0%	51.8	51.9	0.1	0.2%
43.2%	51.7	51.8	0.1	0.2%
44.4%	51.7	51.8	0.1	0.1%
45.7%	51.6	51.8	0.1	0.3%
46.9%	51.6	51.7	0.1	0.2%
48.1%	51.5	51.7	0.2	0.4%
49.4%	51.4	51.6	0.2	0.5%
50.6%	51.4	51.6	0.2	0.5%
51.9%	51.4	51.5	0.1	0.3%
53.1%	51.3	51.5	0.2	0.3%
54.3%	51.2	51.4	0.2	0.4%
55.6%	51.1	51.2	0.1	0.2%
56.8%	51.1	51.2	0.0	0.1%
58.0%	51.0	51.1	0.1	0.2%
59.3%	51.0	51.0	0.1	0.1%
60.5%	50.9	51.0	0.1	0.2%
61.7%	50.9	51.0	0.1	0.1%
63.0%	50.9	50.9	0.0	0.0%
64.2%	50.7	50.8	0.1	0.2%
65.4%	50.7	50.7	0.1	0.1%
66.7%	50.6	50.6	0.0	0.0%
67.9%	50.5	50.6	0.1	0.2%
69.1%	50.5	50.6	0.1	0.2%
70.4%	50.3	50.4	0.2	0.3%
71.6%	50.3	50.4	0.2	0.3%
72.8%	50.2	50.4	0.2	0.5%
74.1%	50.2	50.4	0.2	0.5%
75.3%	50.0	50.2	0.2	0.4%
76.5%	50.0	50.0	0.1	0.1%
77.8%	49.7	49.8	0.0	0.1%
79.0%	49.5	49.5	0.0	0.1%
80.2%	49.4	49.4	-0.1	-0.1%
81.5%	49.2	49.3	0.0	0.1%
82.7%	49.2	49.2	0.0	0.0%
84.0%	49.1	49.1	0.0	0.0%
85.2%	49.0	49.1	0.1	0.2%
86.4%	48.9	49.0	0.1	0.2%
87.7%	48.9	48.9	0.0	0.1%
88.9%	48.8	48.9	0.1	0.2%
90.1%	48.7	48.8	0.0	0.1%
91.4%	48.6	48.7	0.1	0.2%
92.6%	48.6	48.7	0.1	0.2%
93.8%	48.5	48.6	0.1	0.3%
95.1%	48.3	48.3	0.0	0.0%
96.3%	48.1	48.1	0.0	0.0%
97.5%	48.0	48.0	0.0	0.1%
98.8%	47.7	47.7	0.0	0.0%
100.0%	47.6	47.6	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	61.3	62.3	1.0	1.7%
1.2%	60.9	62.1	1.2	2.0%
2.5%	60.4	61.6	1.2	2.0%
3.7%	60.3	61.0	0.7	1.2%
4.9%	60.3	60.6	0.4	0.6%
6.2%	60.0	60.4	0.4	0.6%
7.4%	59.7	60.4	0.7	1.2%
8.6%	59.6	60.3	0.7	1.2%
9.9%	59.5	60.2	0.7	1.1%
11.1%	59.4	60.1	0.7	1.2%
12.3%	59.2	60.1	0.9	1.5%
13.6%	59.1	60.1	0.9	1.6%
14.8%	59.1	60.0	0.9	1.5%
16.0%	58.7	59.9	1.2	2.1%
17.3%	58.7	59.8	1.1	1.9%
18.5%	58.6	59.6	1.0	1.7%
19.8%	58.6	59.1	0.5	0.8%
21.0%	58.5	59.1	0.6	1.0%
22.2%	58.4	58.9	0.5	0.8%
23.5%	58.3	58.8	0.5	0.8%
24.7%	58.2	58.8	0.6	0.9%
25.9%	58.2	58.7	0.5	0.9%
27.2%	58.1	58.7	0.5	0.9%
28.4%	58.1	58.6	0.5	0.8%
29.6%	58.1	58.6	0.5	0.8%
30.9%	58.1	58.5	0.5	0.8%
32.1%	58.1	58.4	0.4	0.7%
33.3%	58.0	58.4	0.4	0.7%
34.6%	57.9	58.2	0.3	0.5%
35.8%	57.9	58.1	0.2	0.4%
37.0%	57.9	58.1	0.2	0.4%
38.3%	57.7	58.0	0.3	0.5%
39.5%	57.5	57.9	0.4	0.6%
40.7%	57.4	57.8	0.4	0.7%
42.0%	57.4	57.8	0.4	0.7%
43.2%	57.4	57.8	0.4	0.7%
44.4%	57.3	57.7	0.4	0.7%
45.7%	57.2	57.7	0.5	0.8%
46.9%	57.2	57.6	0.3	0.6%
48.1%	57.2	57.4	0.2	0.4%
49.4%	57.0	57.4	0.3	0.6%
50.6%	57.0	57.3	0.3	0.5%
51.9%	56.8	57.3	0.4	0.8%
53.1%	56.8	57.2	0.4	0.7%
54.3%	56.7	57.2	0.5	0.9%
55.6%	56.6	57.2	0.6	1.0%
56.8%	56.5	57.1	0.6	1.0%
58.0%	56.5	57.0	0.5	0.8%
59.3%	56.4	57.0	0.5	0.9%
60.5%	56.4	56.7	0.3	0.6%
61.7%	56.3	56.6	0.3	0.5%
63.0%	56.3	56.5	0.2	0.3%
64.2%	56.1	56.4	0.3	0.5%
65.4%	56.0	56.3	0.3	0.5%
66.7%	56.0	56.3	0.3	0.5%
67.9%	55.9	56.3	0.4	0.7%
69.1%	55.8	56.0	0.2	0.3%
70.4%	55.6	55.9	0.3	0.6%
71.6%	55.6	55.9	0.3	0.5%
72.8%	55.5	55.8	0.4	0.6%
74.1%	55.4	55.8	0.3	0.6%
75.3%	55.3	55.7	0.5	0.8%
76.5%	55.1	55.4	0.3	0.5%
77.8%	54.8	55.1	0.3	0.5%
79.0%	54.8	55.0	0.2	0.3%
80.2%	54.7	55.0	0.3	0.5%
81.5%	54.5	54.8	0.2	0.4%
82.7%	54.3	54.6	0.3	0.5%
84.0%	54.2	54.5	0.4	0.7%
85.2%	54.1	54.3	0.2	0.4%
86.4%	54.1	54.3	0.2	0.4%
87.7%	54.0	54.2	0.2	0.3%
88.9%	54.0	54.1	0.1	0.2%
90.1%	53.9	54.0	0.1	0.3%
91.4%	53.7	53.9	0.2	0.4%
92.6%	53.5	53.5	0.0	0.0%
93.8%	53.3	53.3	0.0	-0.1%
95.1%	53.1	53.3	0.1	0.2%
96.3%	52.9	53.1	0.1	0.3%
97.5%	51.9	51.9	0.0	0.0%
98.8%	50.8	50.7	0.0	-0.1%
100.0%	49.5	49.5	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.6	65.6	0.1	0.1%
1.2%	65.5	65.5	0.0	0.0%
2.5%	64.9	65.3	0.4	0.7%
3.7%	64.7	65.2	0.4	0.7%
4.9%	64.6	64.9	0.3	0.4%
6.2%	64.4	64.6	0.2	0.4%
7.4%	64.4	64.4	0.0	0.0%
8.6%	64.2	64.3	0.1	0.1%
9.9%	64.2	64.3	0.1	0.1%
11.1%	64.2	64.3	0.1	0.1%
12.3%	64.2	64.2	0.0	0.1%
13.6%	64.1	64.1	0.0	0.0%
14.8%	64.0	64.0	-0.1	-0.1%
16.0%	63.9	63.8	0.0	-0.1%
17.3%	63.8	63.8	0.0	0.0%
18.5%	63.7	63.5	-0.2	-0.4%
19.8%	63.6	63.4	-0.2	-0.3%
21.0%	63.4	63.4	0.0	0.0%
22.2%	63.4	63.4	0.0	0.0%
23.5%	63.0	63.4	0.4	0.6%
24.7%	62.9	63.3	0.3	0.5%
25.9%	62.8	63.3	0.5	0.8%
27.2%	62.8	63.2	0.5	0.7%
28.4%	62.7	63.1	0.4	0.7%
29.6%	62.6	63.1	0.4	0.7%
30.9%	62.6	63.0	0.4	0.6%
32.1%	62.6	62.9	0.3	0.5%
33.3%	62.5	62.9	0.4	0.6%
34.6%	62.5	62.8	0.4	0.6%
35.8%	62.3	62.8	0.5	0.8%
37.0%	62.1	62.6	0.5	0.8%
38.3%	62.1	62.6	0.5	0.8%
39.5%	62.1	62.5	0.5	0.8%
40.7%	62.0	62.5	0.5	0.7%
42.0%	62.0	62.5	0.5	0.8%
43.2%	62.0	62.5	0.5	0.8%
44.4%	61.9	62.5	0.5	0.9%
45.7%	61.9	62.3	0.4	0.7%
46.9%	61.9	62.3	0.4	0.7%
48.1%	61.8	62.2	0.4	0.6%
49.4%	61.8	62.2	0.4	0.7%
50.6%	61.8	62.2	0.4	0.6%
51.9%	61.8	62.1	0.3	0.5%
53.1%	61.8	62.0	0.3	0.5%
54.3%	61.7	62.0	0.3	0.4%
55.6%	61.7	62.0	0.3	0.4%
56.8%	61.7	62.0	0.3	0.4%
58.0%	61.7	61.9	0.2	0.4%
59.3%	61.7	61.9	0.2	0.4%
60.5%	61.7	61.9	0.2	0.4%
61.7%	61.6	61.9	0.3	0.4%
63.0%	61.5	61.8	0.3	0.5%
64.2%	61.5	61.7	0.2	0.3%
65.4%	61.4	61.5	0.1	0.2%
66.7%	61.4	61.5	0.1	0.2%
67.9%	61.3	61.5	0.2	0.3%
69.1%	61.3	61.5	0.2	0.3%
70.4%	61.3	61.5	0.2	0.3%
71.6%	61.2	61.4	0.2	0.4%
72.8%	61.1	61.2	0.1	0.2%
74.1%	61.0	61.2	0.1	0.2%
75.3%	60.9	61.0	0.2	0.3%
76.5%	60.8	61.0	0.2	0.3%
77.8%	60.8	60.9	0.1	0.2%
79.0%	60.8	60.8	0.0	0.0%
80.2%	60.7	60.8	0.0	0.1%
81.5%	60.7	60.7	0.0	0.0%
82.7%	60.7	60.7	0.0	-0.1%
84.0%	60.4	60.3	-0.1	-0.1%
85.2%	60.2	60.2	0.0	0.0%
86.4%	60.2	60.1	-0.1	-0.2%
87.7%	60.1	60.1	-0.1	-0.1%
88.9%	60.1	60.0	-0.1	-0.1%
90.1%	59.8	59.8	0.0	0.0%
91.4%	59.5	59.7	0.2	0.3%
92.6%	59.0	59.7	0.6	1.1%
93.8%	59.0	59.1	0.2	0.3%
95.1%	58.9	58.7	-0.2	-0.4%
96.3%	58.7	58.7	0.0	0.0%
97.5%	58.6	58.5	-0.1	-0.2%
98.8%	58.0	57.9	-0.1	-0.2%
100.0%	55.5	55.5	0.0	0.0%

Table SQ-10-7b

Sacramento River below Delevan, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.6	67.8	0.2	0.3%
1.2%	67.6	66.7	-0.9	-1.3%
2.5%	66.7	66.7	0.0	-0.1%
3.7%	66.6	66.4	-0.2	-0.3%
4.9%	66.4	66.2	-0.2	-0.3%
6.2%	66.4	65.4	-1.0	-1.4%
7.4%	66.0	65.4	-0.6	-0.9%
8.6%	65.9	65.3	-0.6	-0.9%
9.9%	65.9	65.2	-0.6	-1.0%
11.1%	65.8	65.2	-0.6	-0.9%
12.3%	65.7	65.1	-0.6	-0.9%
13.6%	65.5	65.0	-0.5	-0.7%
14.8%	65.4	65.0	-0.4	-0.6%
16.0%	65.3	64.9	-0.4	-0.6%
17.3%	65.2	64.9	-0.3	-0.4%
18.5%	65.2	64.9	-0.3	-0.5%
19.8%	65.1	64.8	-0.4	-0.5%
21.0%	65.1	64.8	-0.4	-0.5%
22.2%	65.1	64.7	-0.5	-0.7%
23.5%	65.1	64.6	-0.5	-0.7%
24.7%	65.1	64.5	-0.5	-0.8%
25.9%	64.9	64.5	-0.4	-0.6%
27.2%	64.9	64.5	-0.4	-0.6%
28.4%	64.9	64.5	-0.4	-0.6%
29.6%	64.9	64.5	-0.4	-0.6%
30.9%	64.9	64.5	-0.4	-0.6%
32.1%	64.6	64.5	-0.2	-0.3%
33.3%	64.6	64.4	-0.2	-0.3%
34.6%	64.5	64.1	-0.4	-0.6%
35.8%	64.5	64.0	-0.5	-0.8%
37.0%	64.4	64.0	-0.4	-0.7%
38.3%	64.4	64.0	-0.5	-0.8%
39.5%	64.4	63.9	-0.5	-0.7%
40.7%	64.3	63.9	-0.3	-0.5%
42.0%	64.2	63.9	-0.3	-0.5%
43.2%	64.2	63.9	-0.3	-0.5%
44.4%	64.2	63.8	-0.4	-0.6%
45.7%	64.2	63.8	-0.4	-0.6%
46.9%	64.1	63.6	-0.5	-0.8%
48.1%	64.0	63.6	-0.4	-0.6%
49.4%	64.0	63.6	-0.3	-0.5%
50.6%	63.9	63.6	-0.3	-0.4%
51.9%	63.9	63.6	-0.3	-0.4%
53.1%	63.8	63.6	-0.2	-0.4%
54.3%	63.7	63.5	-0.3	-0.4%
55.6%	63.7	63.4	-0.3	-0.4%
56.8%	63.6	63.3	-0.3	-0.4%
58.0%	63.5	63.3	-0.2	-0.3%
59.3%	63.4	63.3	-0.1	-0.2%
60.5%	63.4	63.3	-0.1	-0.2%
61.7%	63.3	63.2	-0.1	-0.2%
63.0%	63.3	63.2	-0.1	-0.2%
64.2%	63.3	63.2	-0.1	-0.2%
65.4%	63.2	63.1	-0.1	-0.2%
66.7%	63.2	63.0	-0.2	-0.3%
67.9%	63.1	63.0	-0.2	-0.3%
69.1%	63.1	63.0	-0.2	-0.3%
70.4%	63.1	62.8	-0.3	-0.5%
71.6%	63.0	62.7	-0.3	-0.4%
72.8%	63.0	62.7	-0.3	-0.4%
74.1%	63.0	62.6	-0.3	-0.5%
75.3%	62.9	62.6	-0.3	-0.6%
76.5%	62.9	62.6	-0.4	-0.6%
77.8%	62.9	62.5	-0.4	-0.6%
79.0%	62.9	62.5	-0.3	-0.5%
80.2%	62.8	62.5	-0.3	-0.5%
81.5%	62.8	62.5	-0.3	-0.5%
82.7%	62.7	62.5	-0.2	-0.4%
84.0%	62.6	62.4	-0.2	-0.4%
85.2%	62.6	62.3	-0.3	-0.4%
86.4%	62.5	62.3	-0.2	-0.4%
87.7%	62.5	62.3	-0.2	-0.4%
88.9%	62.4	62.2	-0.2	-0.4%
90.1%	62.4	61.8	-0.6	-0.9%
91.4%	62.4	61.8	-0.6	-0.9%
92.6%	62.2	61.7	-0.5	-0.8%
93.8%	62.0	61.4	-0.7	-1.1%
95.1%	62.0	61.4	-0.6	-1.0%
96.3%	61.6	61.3	-0.3	-0.5%
97.5%	61.5	61.1	-0.4	-0.6%
98.8%	61.5	61.0	-0.4	-0.7%
100.0%	60.6	60.7	0.2	0.3%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	69.7	69.5	-0.2	-0.3%
1.2%	69.6	68.4	-1.2	-1.7%
2.5%	68.7	68.2	-0.5	-0.8%
3.7%	68.5	68.0	-0.4	-0.6%
4.9%	68.1	67.8	-0.3	-0.5%
6.2%	67.9	67.6	-0.3	-0.4%
7.4%	67.9	67.5	-0.3	-0.5%
8.6%	67.8	67.1	-0.7	-1.1%
9.9%	67.7	67.0	-0.6	-0.9%
11.1%	67.6	66.9	-0.8	-1.1%
12.3%	67.6	66.8	-0.8	-1.1%
13.6%	67.6	66.8	-0.8	-1.1%
14.8%	67.5	66.8	-0.7	-1.1%
16.0%	67.1	66.8	-0.4	-0.6%
17.3%	67.1	66.7	-0.4	-0.6%
18.5%	67.0	66.6	-0.4	-0.7%
19.8%	67.0	66.6	-0.4	-0.5%
21.0%	66.8	66.6	-0.3	-0.4%
22.2%	66.7	66.3	-0.4	-0.6%
23.5%	66.7	66.3	-0.4	-0.6%
24.7%	66.7	66.2	-0.5	-0.7%
25.9%	66.7	66.2	-0.5	-0.7%
27.2%	66.4	66.2	-0.3	-0.4%
28.4%	66.4	66.1	-0.3	-0.5%
29.6%	66.4	66.0	-0.4	-0.5%
30.9%	66.4	66.0	-0.4	-0.7%
32.1%	66.4	66.0	-0.4	-0.7%
33.3%	66.3	65.8	-0.5	-0.7%
34.6%	66.2	65.7	-0.5	-0.7%
35.8%	66.0	65.7	-0.4	-0.5%
37.0%	65.9	65.6	-0.3	-0.4%
38.3%	65.9	65.6	-0.3	-0.4%
39.5%	65.9	65.6	-0.3	-0.5%
40.7%	65.8	65.3	-0.5	-0.7%
42.0%	65.7	65.3	-0.3	-0.5%
43.2%	65.6	65.3	-0.3	-0.5%
44.4%	65.5	65.3	-0.2	-0.3%
45.7%	65.5	65.2	-0.2	-0.3%
46.9%	65.4	65.1	-0.3	-0.5%
48.1%	65.4	65.1	-0.3	-0.5%
49.4%	65.3	65.0	-0.2	-0.4%
50.6%	65.3	65.0	-0.3	-0.4%
51.9%	65.3	65.0	-0.3	-0.4%
53.1%	65.3	64.9	-0.3	-0.5%
54.3%	65.2	64.8	-0.4	-0.6%
55.6%	65.2	64.8	-0.4	-0.6%
56.8%	65.1	64.8	-0.3	-0.5%
58.0%	65.1	64.8	-0.3	-0.5%
59.3%	65.1	64.7	-0.4	-0.7%
60.5%	65.0	64.5	-0.5	-0.8%
61.7%	65.0	64.4	-0.6	-0.9%
63.0%	64.9	64.4	-0.5	-0.8%
64.2%	64.9	64.3	-0.6	-0.9%
65.4%	64.8	64.3	-0.6	-0.9%
66.7%	64.7	64.2	-0.6	-0.9%
67.9%	64.6	64.1	-0.5	-0.8%
69.1%	64.5	64.0	-0.5	-0.7%
70.4%	64.5	64.0	-0.5	-0.7%
71.6%	64.5	64.0	-0.5	-0.8%
72.8%	64.4	64.0	-0.5	-0.7%
74.1%	64.4	64.0	-0.5	-0.7%
75.3%	64.3	63.9	-0.4	-0.6%
76.5%	64.3	63.9	-0.3	-0.5%
77.8%	64.2	63.9	-0.3	-0.5%
79.0%	64.2	63.9	-0.3	-0.5%
80.2%	64.1	63.7	-0.4	-0.6%
81.5%	63.9	63.6	-0.4	-0.6%
82.7%	63.9	63.5	-0.4	-0.7%
84.0%	63.9	63.4	-0.5	-0.8%
85.2%	63.9	63.2	-0.7	-1.1%
86.4%	63.7	63.1	-0.6	-0.9%
87.7%	63.7	63.1	-0.6	-1.0%
88.9%	63.4	62.8	-0.5	-0.9%
90.1%	63.3	62.7	-0.7	-1.1%
91.4%	63.3	62.6	-0.6	-1.0%
92.6%	63.2	62.6	-0.6	-1.0%
93.8%	63.1	62.5	-0.6	-1.0%
95.1%	63.1	62.5	-0.6	-0.9%
96.3%	62.7	62.1	-0.6	-0.9%
97.5%	62.7	61.8	-0.9	-1.4%
98.8%	62.4	61.8	-0.6	-1.0%
100.0%	62.0	61.7	-0.3	-0.5%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	71.7	70.9	-0.9	-1.2%
1.2%	71.5	68.3	-3.2	-4.5%
2.5%	69.9	68.2	-1.7	-2.4%
3.7%	69.7	68.1	-1.6	-2.3%
4.9%	69.3	67.9	-1.4	-2.0%
6.2%	68.9	67.8	-1.1	-1.6%
7.4%	68.2	67.6	-0.6	-0.8%
8.6%	68.0	67.6	-0.4	-0.6%
9.9%	68.0	67.1	-0.9	-1.3%
11.1%	68.0	67.1	-0.8	-1.2%
12.3%	67.9	67.0	-0.8	-1.2%
13.6%	67.8	67.0	-0.8	-1.2%
14.8%	67.7	67.0	-0.8	-1.2%
16.0%	67.3	66.7	-0.6	-0.8%
17.3%	67.3	66.7	-0.6	-0.8%
18.5%	67.2	66.6	-0.6	-0.8%
19.8%	67.1	66.6	-0.6	-0.9%
21.0%	67.0	66.5	-0.6	-0.8%
22.2%	67.0	66.5	-0.5	-0.7%
23.5%	66.6	66.4	-0.2	-0.2%
24.7%	66.5	66.4	-0.1	-0.1%
25.9%	66.4	66.4	0.0	-0.1%
27.2%	66.4	66.3	-0.1	-0.1%
28.4%	66.3	66.3	0.0	0.0%
29.6%	66.3	66.2	-0.1	-0.2%
30.9%	66.3	66.2	-0.1	-0.1%
32.1%	66.2	66.1	-0.1	-0.1%
33.3%	66.2	66.1	-0.1	-0.1%
34.6%	66.1	66.1	-0.1	-0.1%
35.8%	66.1	66.1	0.0	0.0%
37.0%	66.1	66.1	0.0	0.0%
38.3%	66.0	66.0	0.0	0.0%
39.5%	65.9	65.9	-0.1	-0.1%
40.7%	65.9	65.8	0.0	-0.1%
42.0%	65.8	65.7	-0.1	-0.1%
43.2%	65.8	65.7	-0.1	-0.2%
44.4%	65.8	65.7	-0.1	-0.2%
45.7%	65.7	65.6	-0.1	-0.1%
46.9%	65.6	65.6	0.0	0.0%
48.1%	65.5	65.6	0.0	0.0%
49.4%	65.5	65.6	0.1	0.1%
50.6%	65.5	65.4	0.0	0.0%
51.9%	65.4	65.4	0.0	0.0%
53.1%	65.4	65.4	0.0	0.0%
54.3%	65.4	65.4	0.0	0.0%
55.6%	65.4	65.4	0.0	0.0%
56.8%	65.3	65.4	0.0	0.0%
58.0%	65.3	65.3	-0.1	-0.1%
59.3%	65.3	65.1	-0.2	-0.3%
60.5%	65.2	65.1	-0.1	-0.1%
61.7%	65.2	65.0	-0.1	-0.2%
63.0%	65.2	65.0	-0.1	-0.2%
64.2%	65.1	65.0	-0.1	-0.2%
65.4%	65.1	65.0	-0.1	-0.2%
66.7%	65.0	64.9	-0.1	-0.1%
67.9%	65.0	64.9	-0.2	-0.2%
69.1%	65.0	64.8	-0.2	-0.3%
70.4%	64.9	64.7	-0.1	-0.2%
71.6%	64.8	64.7	-0.1	-0.1%
72.8%	64.4	64.6	0.1	0.2%
74.1%	64.4	64.6	0.2	0.3%
75.3%	64.3	64.5	0.2	0.3%
76.5%	64.3	64.5	0.2	0.4%
77.8%	64.3	64.5	0.2	0.4%
79.0%	64.3	64.5	0.2	0.3%
80.2%	64.3	64.4	0.1	0.2%
81.5%	64.2	64.3	0.2	0.3%
82.7%	64.2	64.1	0.0	-0.1%
84.0%	63.9	64.1	0.1	0.2%
85.2%	63.9	64.0	0.1	0.1%
86.4%	63.9	63.9	0.0	0.0%
87.7%	63.7	63.8	0.1	0.2%
88.9%	63.6	63.6	0.0	0.0%
90.1%	63.5	63.6	0.0	0.1%
91.4%	63.5	63.6	0.1	0.2%
92.6%	63.4	63.6	0.2	0.3%
93.8%	63.2	63.4	0.1	0.2%
95.1%	63.2	63.3	0.1	0.1%
96.3%	63.2	63.1	0.0	-0.1%
97.5%	63.1	63.1	-0.1	-0.1%
98.8%	63.0	62.9	-0.1	-0.2%
100.0%	62.8	62.7	-0.1	-0.2%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	68.7	67.8	-1.0	-1.4%
1.2%	68.5	67.7	-0.8	-1.1%
2.5%	68.3	67.7	-0.7	-1.0%
3.7%	68.2	67.6	-0.6	-0.9%
4.9%	67.8	67.0	-0.8	-1.2%
6.2%	67.4	67.0	-0.4	-0.6%
7.4%	67.0	66.4	-0.5	-0.8%
8.6%	66.6	66.4	-0.2	-0.3%
9.9%	66.3	66.4	0.1	0.2%
11.1%	66.3	66.3	0.0	0.0%
12.3%	66.1	65.9	-0.3	-0.4%
13.6%	66.0	65.5	-0.6	-0.8%
14.8%	66.0	65.5	-0.6	-0.8%
16.0%	65.7	65.1	-0.6	-0.9%
17.3%	65.4	65.0	-0.4	-0.6%
18.5%	65.3	65.0	-0.3	-0.4%
19.8%	65.2	64.9	-0.3	-0.4%
21.0%	65.1	64.8	-0.3	-0.5%
22.2%	65.0	64.6	-0.4	-0.6%
23.5%	65.0	64.5	-0.4	-0.7%
24.7%	64.9	64.5	-0.4	-0.7%
25.9%	64.8	64.4	-0.3	-0.5%
27.2%	64.8	64.4	-0.3	-0.5%
28.4%	64.8	64.4	-0.3	-0.5%
29.6%	64.7	64.4	-0.3	-0.4%
30.9%	64.6	64.3	-0.3	-0.4%
32.1%	64.5	64.2	-0.3	-0.5%
33.3%	64.4	64.1	-0.3	-0.5%
34.6%	64.4	64.0	-0.4	-0.6%
35.8%	64.3	64.0	-0.3	-0.5%
37.0%	64.2	63.9	-0.3	-0.5%
38.3%	64.0	63.9	-0.2	-0.3%
39.5%	64.0	63.7	-0.3	-0.5%
40.7%	63.9	63.6	-0.3	-0.5%
42.0%	63.8	63.5	-0.3	-0.5%
43.2%	63.7	63.5	-0.3	-0.4%
44.4%	63.6	63.4	-0.2	-0.4%
45.7%	63.5	63.3	-0.2	-0.3%
46.9%	63.5	63.3	-0.2	-0.3%
48.1%	63.4	63.3	-0.1	-0.2%
49.4%	63.4	63.2	-0.2	-0.3%
50.6%	63.3	63.2	-0.1	-0.1%
51.9%	63.2	63.2	0.0	-0.1%
53.1%	63.2	63.1	-0.1	-0.1%
54.3%	63.0	63.1	0.1	0.2%
55.6%	62.9	63.1	0.2	0.3%
56.8%	62.8	63.1	0.2	0.4%
58.0%	62.8	63.1	0.3	0.4%
59.3%	62.8	63.0	0.2	0.4%
60.5%	62.5	63.0	0.5	0.7%
61.7%	62.5	62.9	0.4	0.6%
63.0%	62.4	62.8	0.4	0.7%
64.2%	62.3	62.7	0.4	0.6%
65.4%	62.3	62.6	0.3	0.4%
66.7%	62.3	62.5	0.2	0.4%
67.9%	62.2	62.4	0.2	0.3%
69.1%	61.9	62.3	0.4	0.7%
70.4%	61.8	61.8	0.1	0.1%
71.6%	61.6	61.8	0.2	0.4%
72.8%	61.6	61.7	0.1	0.2%
74.1%	61.6	61.7	0.1	0.2%
75.3%	61.5	61.5	-0.1	-0.1%
76.5%	61.4	61.5	0.1	0.1%
77.8%	61.2	61.4	0.1	0.2%
79.0%	61.2	61.3	0.1	0.1%
80.2%	61.2	61.2	0.0	-0.1%
81.5%	61.0	61.1	0.0	0.1%
82.7%	61.0	61.0	0.0	0.0%
84.0%	61.0	61.0	0.0	0.0%
85.2%	60.9	60.9	0.0	0.0%
86.4%	60.9	60.8	-0.1	-0.2%
87.7%	60.8	60.8	0.0	0.0%
88.9%	60.7	60.7	0.1	0.1%
90.1%	60.6	60.4	-0.1	-0.2%
91.4%	60.5	60.3	-0.2	-0.3%
92.6%	60.4	60.2	-0.2	-0.4%
93.8%	60.3	60.0	-0.3	-0.5%
95.1%	60.0	59.8	-0.2	-0.3%
96.3%	59.7	59.6	-0.1	-0.1%
97.5%	59.2	59.6	0.4	0.7%
98.8%	59.0	59.0	0.1	0.1%
100.0%	59.0	58.5	-0.5	-0.8%

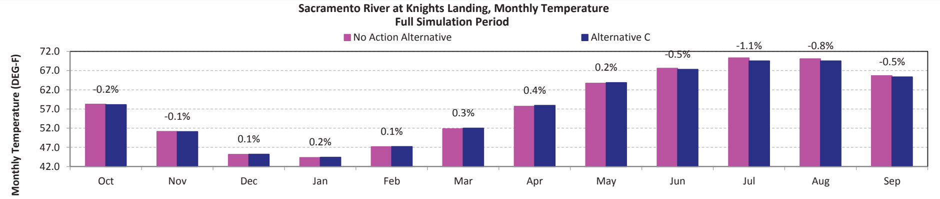
Table SQ-11-7a
Sacramento River at Knights Landing, Monthly Temperature
Long-term Average and Average by Water Year Type

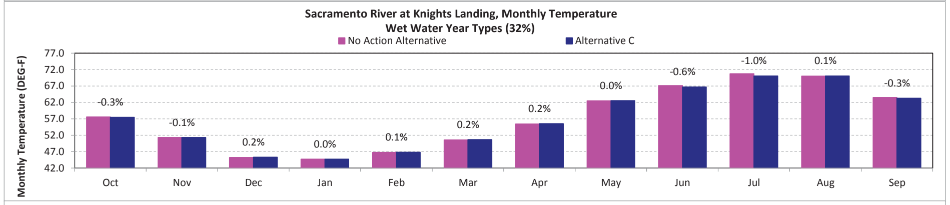
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	58.3	51.1	45.2	44.4	47.2	51.9	57.7	63.7	67.6	70.3	70.1	65.7
Alternative C	58.1	51.1	45.2	44.4	47.2	52.0	57.9	63.8	67.3	69.5	69.5	65.4
Difference	-0.1	0.0	0.0	0.1	0.1	0.2	0.2	0.1	-0.3	-0.8	-0.6	-0.3
Percent Difference[3]	-0.2%	-0.1%	0.1%	0.2%	0.1%	0.3%	0.4%	0.2%	-0.5%	-1.1%	-0.8%	-0.5%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	57.6	51.3	45.2	44.7	46.8	50.6	55.4	62.5	67.1	70.7	70.0	63.5
Alternative C	57.4	51.3	45.3	44.7	46.8	50.7	55.5	62.5	66.7	70.0	70.1	63.3
Difference	-0.2	0.0	0.1	0.0	0.0	0.1	0.1	0.0	-0.4	-0.7	0.0	-0.2
Percent Difference	-0.3%	-0.1%	0.2%	0.0%	0.1%	0.2%	0.2%	0.0%	-0.6%	-1.0%	0.1%	-0.3%
Above Normal (15%)												
No Action Alternative	58.0	50.7	45.5	44.8	47.0	51.7	57.6	64.4	67.9	69.8	70.1	65.4
Alternative C	57.9	50.7	45.6	44.8	47.1	51.8	57.8	64.4	67.6	68.7	69.8	65.4
Difference	-0.1	0.0	0.1	0.1	0.1	0.2	0.2	0.0	-0.3	-1.1	-0.3	0.0
Percent Difference	-0.1%	0.0%	0.2%	0.2%	0.1%	0.3%	0.4%	0.0%	-0.4%	-1.5%	-0.4%	0.1%
Below Normal (17%)												
No Action Alternative	57.7	51.0	45.3	44.2	46.7	51.9	58.6	64.2	67.7	70.1	69.8	66.5
Alternative C	57.5	50.9	45.3	44.2	46.7	52.2	58.9	64.5	67.4	69.0	69.3	66.0
Difference	-0.3	0.0	0.0	0.0	0.1	0.3	0.3	0.2	-0.2	-1.1	-0.5	-0.4
Percent Difference	-0.5%	-0.1%	0.0%	0.1%	0.1%	0.5%	0.5%	0.4%	-0.3%	-1.6%	-0.8%	-0.7%
Dry (22%)												
No Action Alternative	58.6	51.4	45.2	44.0	47.4	52.6	59.4	64.2	68.2	69.9	69.7	67.0
Alternative C	58.5	51.4	45.2	44.1	47.5	52.8	59.7	64.3	67.9	69.3	68.9	66.5
Difference	0.0	-0.1	0.0	0.1	0.0	0.2	0.3	0.1	-0.3	-0.7	-0.9	-0.5
Percent Difference	0.0%	-0.2%	-0.1%	0.3%	0.1%	0.4%	0.5%	0.2%	-0.4%	-1.0%	-1.2%	-0.7%
Critical (15%)												
No Action Alternative	60.1	50.9	44.7	44.1	48.4	53.6	59.3	64.4	67.5	70.7	71.1	67.8
Alternative C	60.1	50.8	44.7	44.2	48.5	53.7	59.5	64.7	67.3	70.1	69.4	67.3
Difference	-0.1	-0.1	0.0	0.1	0.1	0.1	0.2	0.3	-0.2	-0.5	-1.7	-0.4
Percent Difference	-0.1%	-0.2%	0.1%	0.2%	0.2%	0.2%	0.4%	0.5%	-0.3%	-0.8%	-2.3%	-0.6%

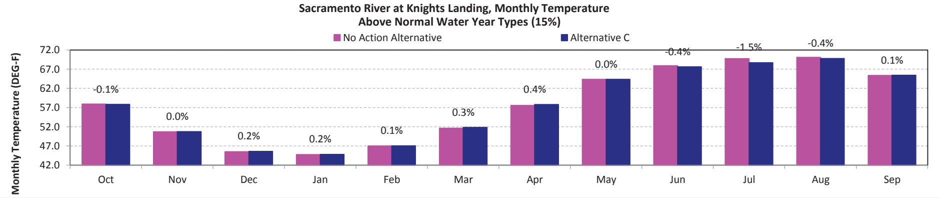
1 Based on the 82-year simulation period

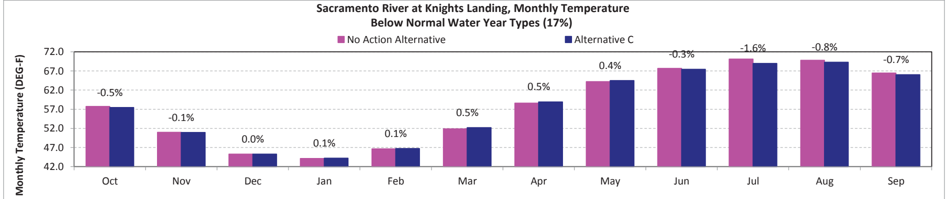
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

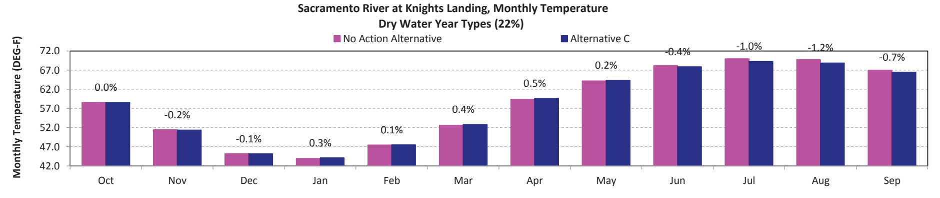
3 Relative difference of the monthly average











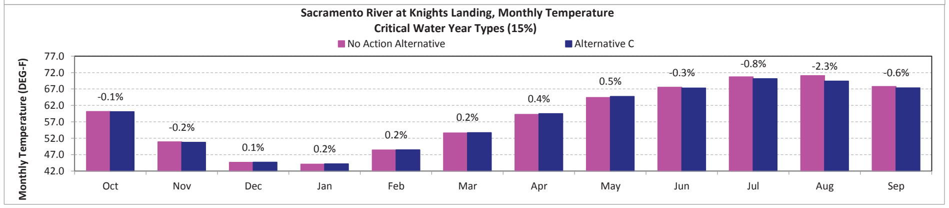


Figure SQ-11-7b
Sacramento River at Knights Landing, Monthly Temperature
Probability of Exceedance

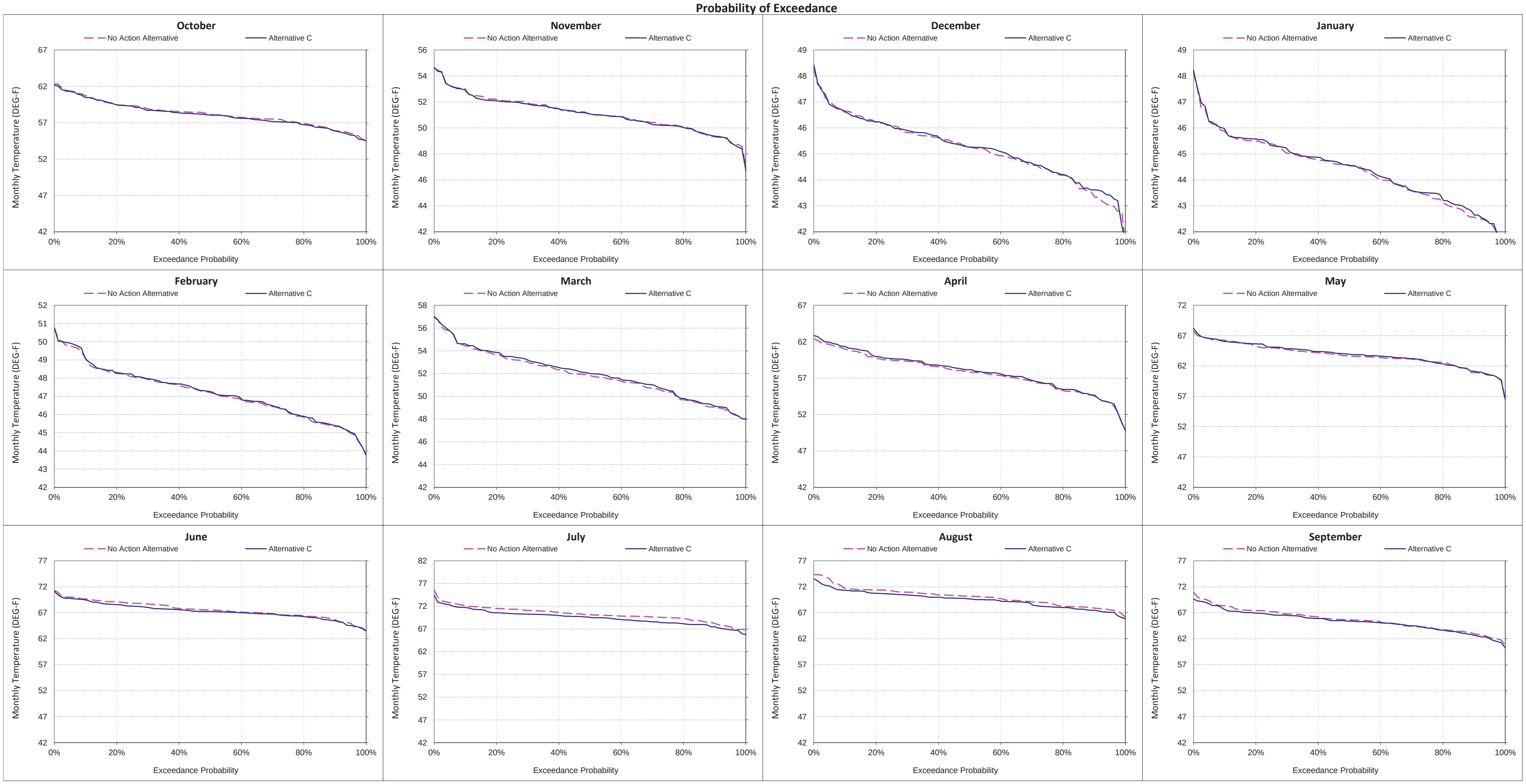


Table SQ-11-7b

Sacramento River at Knights Landing, Monthly Temperature

Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	62.3	62.2	-0.1	-0.2%
1.2%	62.3	62.0	-0.3	-0.5%
2.5%	61.7	61.5	-0.2	-0.4%
3.7%	61.3	61.5	0.2	0.3%
4.9%	61.3	61.4	0.1	0.1%
6.2%	61.2	61.3	0.1	0.1%
7.4%	61.0	60.9	-0.1	-0.2%
8.6%	61.0	60.8	-0.2	-0.3%
9.9%	60.7	60.5	-0.3	-0.4%
11.1%	60.5	60.5	-0.1	-0.1%
12.3%	60.4	60.4	0.0	0.0%
13.6%	60.1	60.1	0.0	0.0%
14.8%	60.0	60.1	0.1	0.2%
16.0%	59.8	60.0	0.1	0.2%
17.3%	59.8	59.8	0.0	0.0%
18.5%	59.7	59.6	-0.1	-0.2%
19.8%	59.4	59.5	0.1	0.2%
21.0%	59.4	59.4	0.0	0.0%
22.2%	59.4	59.4	0.0	0.0%
23.5%	59.3	59.3	0.0	-0.1%
24.7%	59.3	59.3	0.0	-0.1%
25.9%	59.3	59.1	-0.2	-0.3%
27.2%	59.2	59.1	-0.1	-0.3%
28.4%	59.2	58.9	-0.2	-0.4%
29.6%	59.0	58.7	-0.2	-0.4%
30.9%	58.8	58.7	-0.1	-0.2%
32.1%	58.8	58.7	-0.1	-0.2%
33.3%	58.8	58.6	-0.1	-0.2%
34.6%	58.7	58.6	-0.1	-0.1%
35.8%	58.6	58.6	-0.1	-0.1%
37.0%	58.6	58.5	-0.1	-0.1%
38.3%	58.6	58.4	-0.2	-0.3%
39.5%	58.6	58.4	-0.2	-0.3%
40.7%	58.5	58.3	-0.2	-0.3%
42.0%	58.5	58.3	-0.2	-0.4%
43.2%	58.5	58.3	-0.2	-0.3%
44.4%	58.4	58.3	-0.2	-0.3%
45.7%	58.4	58.2	-0.2	-0.4%
46.9%	58.4	58.2	-0.2	-0.4%
48.1%	58.3	58.2	-0.2	-0.3%
49.4%	58.3	58.1	-0.2	-0.3%
50.6%	58.1	58.0	-0.1	-0.1%
51.9%	58.1	58.0	0.0	-0.1%
53.1%	58.1	58.0	0.0	-0.1%
54.3%	57.9	58.0	0.0	0.0%
55.6%	57.9	57.9	0.0	0.0%
56.8%	57.9	57.8	-0.1	-0.2%
58.0%	57.9	57.7	-0.2	-0.3%
59.3%	57.7	57.6	-0.1	-0.2%
60.5%	57.7	57.6	-0.1	-0.2%
61.7%	57.7	57.6	0.0	-0.1%
63.0%	57.6	57.5	-0.1	-0.2%
64.2%	57.6	57.4	-0.2	-0.3%
65.4%	57.6	57.4	-0.2	-0.3%
66.7%	57.6	57.3	-0.2	-0.4%
67.9%	57.5	57.3	-0.2	-0.4%
69.1%	57.5	57.2	-0.3	-0.5%
70.4%	57.5	57.1	-0.4	-0.6%
71.6%	57.5	57.1	-0.4	-0.6%
72.8%	57.4	57.1	-0.3	-0.6%
74.1%	57.2	57.1	-0.1	-0.2%
75.3%	57.2	57.1	-0.1	-0.2%
76.5%	57.1	57.0	-0.1	-0.2%
77.8%	57.1	57.0	0.0	0.0%
79.0%	57.0	56.8	-0.2	-0.3%
80.2%	56.9	56.7	-0.2	-0.4%
81.5%	56.8	56.7	-0.1	-0.2%
82.7%	56.7	56.5	-0.2	-0.3%
84.0%	56.6	56.4	-0.2	-0.4%
85.2%	56.5	56.4	-0.1	-0.2%
86.4%	56.4	56.3	-0.1	-0.2%
87.7%	56.3	56.3	-0.1	-0.1%
88.9%	56.0	56.0	0.1	0.1%
90.1%	55.9	55.9	0.0	0.0%
91.4%	55.8	55.8	-0.1	-0.2%
92.6%	55.8	55.6	-0.2	-0.3%
93.8%	55.7	55.5	-0.2	-0.4%
95.1%	55.5	55.3	-0.2	-0.4%
96.3%	55.5	55.2	-0.2	-0.4%
97.5%	55.2	54.8	-0.4	-0.8%
98.8%	54.7	54.7	0.0	0.0%
100.0%	54.7	54.5	0.0	-0.3%

November				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	54.6	54.7	0.1	0.1%
1.2%	54.5	54.3	-0.1	-0.2%
2.5%	54.3	54.3	0.0	0.0%
3.7%	53.5	53.4	0.0	0.0%
4.9%	53.2	53.2	0.0	0.1%
6.2%	53.1	53.2	0.0	0.0%
7.4%	53.1	53.0	-0.1	-0.2%
8.6%	53.0	53.0	0.0	0.0%
9.9%	53.0	52.9	-0.1	-0.2%
11.1%	52.6	52.6	0.0	0.0%
12.3%	52.5	52.5	0.0	0.0%
13.6%	52.5	52.3	-0.2	-0.4%
14.8%	52.4	52.2	-0.2	-0.4%
16.0%	52.4	52.2	-0.2	-0.4%
17.3%	52.2	52.1	-0.1	-0.2%
18.5%	52.2	52.1	-0.1	-0.2%
19.8%	52.2	52.1	-0.1	-0.2%
21.0%	52.2	52.1	-0.1	-0.2%
22.2%	52.1	52.0	-0.1	-0.1%
23.5%	52.1	52.0	-0.1	-0.1%
24.7%	52.1	52.0	-0.1	-0.1%
25.9%	52.0	52.0	-0.1	-0.1%
27.2%	52.0	52.0	-0.1	-0.2%
28.4%	52.0	51.9	-0.2	-0.3%
29.6%	52.0	51.9	-0.1	-0.2%
30.9%	51.8	51.8	0.0	-0.1%
32.1%	51.8	51.7	-0.1	-0.2%
33.3%	51.8	51.7	-0.1	-0.1%
34.6%	51.8	51.7	-0.1	-0.2%
35.8%	51.8	51.7	-0.1	-0.2%
37.0%	51.5	51.6	0.1	0.2%
38.3%	51.5	51.5	0.1	0.1%
39.5%	51.5	51.5	0.0	0.1%
40.7%	51.4	51.4	0.0	-0.1%
42.0%	51.4	51.4	0.0	0.0%
43.2%	51.3	51.3	0.0	-0.1%
44.4%	51.3	51.3	0.0	0.0%
45.7%	51.2	51.2	0.0	-0.1%
46.9%	51.2	51.2	-0.1	-0.1%
48.1%	51.2	51.2	-0.1	-0.1%
49.4%	51.1	51.1	0.0	0.0%
50.6%	51.0	51.0	0.0	0.0%
51.9%	51.0	51.0	0.0	0.0%
53.1%	51.0	51.0	0.0	0.0%
54.3%	51.0	51.0	0.0	0.0%
55.6%	50.9	50.9	0.0	0.0%
56.8%	50.9	50.9	0.0	0.0%
58.0%	50.9	50.9	0.0	0.0%
59.3%	50.9	50.9	0.0	0.0%
60.5%	50.9	50.8	0.0	0.0%
61.7%	50.7	50.7	-0.1	-0.1%
63.0%	50.7	50.6	-0.1	-0.2%
64.2%	50.6	50.6	0.0	-0.1%
65.4%	50.5	50.5	0.0	0.0%
66.7%	50.5	50.5	0.0	-0.1%
67.9%	50.5	50.5	0.0	-0.1%
69.1%	50.4	50.3	-0.1	-0.2%
70.4%	50.4	50.2	-0.2	-0.3%
71.6%	50.4	50.2	-0.2	-0.3%
72.8%	50.3	50.2	-0.1	-0.1%
74.1%	50.2	50.2	0.0	-0.1%
75.3%	50.2	50.2	-0.1	-0.1%
76.5%	50.2	50.2	-0.1	-0.1%
77.8%	50.2	50.1	0.0	-0.1%
79.0%	50.1	50.1	0.0	0.0%
80.2%	50.1	50.0	-0.1	-0.1%
81.5%	50.0	49.9	-0.1	-0.1%
82.7%	49.9	49.9	0.0	0.0%
84.0%	49.7	49.8	0.1	0.2%
85.2%	49.7	49.6	-0.1	-0.1%
86.4%	49.6	49.5	-0.1	-0.1%
87.7%	49.4	49.5	0.1	0.2%
88.9%	49.4	49.4	0.1	0.2%
90.1%	49.3	49.4	0.1	0.1%
91.4%	49.3	49.3	0.1	0.2%
92.6%	49.2	49.3	0.1	0.1%
93.8%	49.2	49.2	0.0	0.1%
95.1%	48.9	48.9	-0.1	-0.1%
96.3%	48.8	48.7	-0.1	-0.1%
97.5%	48.7	48.5	-0.2	-0.4%
98.8%	48.6	48.4	-0.2	-0.4%
100.0%	47.1	46.7	-0.4	-0.8%

December				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	48.3	48.4	0.1	0.3%
1.2%	47.7	47.7	0.1	0.1%
2.5%	47.5	47.4	-0.1	-0.2%
3.7%	47.2	47.3	0.1	0.3%
4.9%	47.0	46.9	-0.1	-0.3%
6.2%	46.9	46.8	-0.1	-0.1%
7.4%	46.8	46.7	0.0	-0.1%
8.6%	46.7	46.7	0.0	-0.1%
9.9%	46.7	46.6	0.0	-0.1%
11.1%	46.6	46.6	-0.1	-0.2%
12.3%	46.6	46.5	-0.1	-0.3%
13.6%	46.5	46.4	0.0	-0.1%
14.8%	46.5	46.4	-0.1	-0.2%
16.0%	46.4	46.3	-0.1	-0.1%
17.3%	46.3	46.3	-0.1	-0.1%
18.5%	46.3	46.3	-0.1	-0.1%
19.8%	46.2	46.2	0.0	0.0%
21.0%	46.2	46.2	0.0	0.1%
22.2%	46.2	46.2	0.0	0.0%
23.5%	46.1	46.1	0.0	-0.1%
24.7%	46.1	46.1	0.0	0.0%
25.9%	46.1	46.0	-0.1	-0.2%
27.2%	46.0	46.0	-0.1	-0.1%
28.4%	45.8	46.0	0.1	0.2%
29.6%	45.8	45.9	0.1	0.2%
30.9%	45.8	45.9	0.1	0.1%
32.1%	45.8	45.8	0.0	0.1%
33.3%	45.7	45.8	0.1	0.2%
34.6%	45.7	45.8	0.1	0.3%
35.8%	45.7	45.8	0.1	0.2%
37.0%	45.7	45.8	0.1	0.2%
38.3%	45.7	45.7	0.1	0.1%
39.5%	45.6	45.7	0.1	0.1%
40.7%	45.6	45.6	0.0	0.0%
42.0%	45.5	45.5	-0.1	-0.1%
43.2%	45.5	45.4	-0.1	-0.2%
44.4%	45.5	45.4	-0.1	-0.1%
45.7%	45.4	45.4	0.0	-0.1%
46.9%	45.4	45.3	-0.1	-0.2%
48.1%	45.3	45.3	0.1	0.1%
49.4%	45.3	45.3	0.0	0.0%
50.6%	45.3	45.3	0.0	0.0%
51.9%	45.2	45.3	0.0	0.1%
53.1%	45.2	45.3	0.0	0.1%
54.3%	45.2	45.2	0.0	0.0%
55.6%	45.1	45.2	0.1	0.2%
56.8%	45.0	45.2	0.2	0.4%
58.0%	45.0	45.2	0.2	0.4%
59.3%	44.9	45.1	0.2	0.4%
60.5%	44.9	45.1	0.1	0.3%
61.7%	44.9	45.0	0.1	0.3%
63.0%	44.8	44.9	0.1	0.2%
64.2%	44.8	44.8	0.0	0.1%
65.4%	44.7	44.8	0.1	0.2%
66.7%	44.7	44.8	0.0	0.1%
67.9%	44.7	44.7	0.0	0.0%
69.1%	44.6	44.7	0.1	0.3%
70.4%	44.6	44.6	0.0	0.1%
71.6%	44.6	44.6	0.0	0.0%
72.8%	44.4	44.6	0.1	0.3%
74.1%	44.4	44.5	0.0	0.0%
75.3%	44.4	44.4	0.0	0.0%
76.5%	44.3	44.3	0.0	-0.1%
77.8%	44.2	44.3	0.0	0.1%
79.0%	44.2	44.2	0.0	0.1%
80.2%	44.2	44.2	0.0	0.1%
81.5%	44.2	44.1	0.0	0.0%
82.7%	44.1	44.1	0.0	0.0%
84.0%	43.9	43.9	0.0	0.0%
85.2%	43.7	43.9	0.2	0.5%
86.4%	43.7	43.7	0.0	0.1%
87.7%	43.6	43.7	0.1	0.2%
88.9%	43.6	43.6	0.1	0.1%
90.1%	43.3	43.6	0.3	0.6%
91.4%	43.3	43.6	0.3	0.7%
92.6%	43.2	43.6	0.4	0.9%
93.8%	43.1	43.4	0.4	0.8%
95.1%	43.0	43.4	0.4	0.9%
96.3%	43.0	43.3	0.3	0.7%
97.5%	42.8	43.2	0.4	1.0%
98.8%	42.8	42.3	-0.5	-1.2%
100.0%	41.5	41.6	0.1	0.1%

January				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	48.1	48.2	0.1	0.2%
1.2%	47.5	47.5	0.0	0.0%
2.5%	46.8	47.0	0.2	0.5%
3.7%	46.7	46.8	0.1	0.2%
4.9%	46.2	46.3	0.0	0.0%
6.2%	46.1	46.2	0.1	0.1%
7.4%	46.1	46.1	-0.1	-0.1%
8.6%	45.9	46.0	0.1	0.2%
9.9%	45.9	46.0	0.1	0.2%
11.1%	45.7	45.7	0.0	0.0%
12.3%	45.7	45.6	0.0	0.0%
13.6%	45.6	45.6	0.0	0.1%
14.8%	45.6	45.6	0.0	0.1%
16.0%	45.5	45.6	0.0	0.1%
17.3%	45.5	45.6	0.1	0.2%
18.5%	45.5	45.6	0.1	0.2%
19.8%	45.5	45.6	0.1	0.2%
21.0%	45.5	45.6	0.1	0.2%
22.2%	45.4	45.5	0.1	0.3%
23.5%	45.4	45.5	0.1	0.2%
24.7%	45.4	45.3	-0.1	-0.1%
25.9%	45.4	45.3	-0.1	-0.1%
27.2%	45.2	45.3	0.0	0.1%
28.4%	45.2	45.3	0.1	0.2%
29.6%	45.0	45.2	0.2	0.5%
30.9%	45.0	45.1	0.1	0.2%
32.1%	45.0	45.0	0.0	0.1%
33.3%	44.9	45.0	0.1	0.1%
34.6%	44.9	44.9	0.0	0.0%
35.8%	44.9	44.9	0.0	0.0%
37.0%	44.8	44.9	0.0	0.1%
38.3%	44.8	44.9	0.1	0.2%
39.5%	44.8	44.9	0.1	0.2%
40.7%	44.8	44.9	0.1	0.2%
42.0%	44.7	44.8	0.0	0.0%
43.2%	44.7	44.7	0.0	0.0%
44.4%	44.7	44.7	0.1	0.1%
45.7%	44.6	44.7	0.1	0.2%
46.9%	44.6	44.6	0.0	0.1%
48.1%	44.6	44.6	0.0	0.0%
49.4%	44.6	44.6	0.0	0.0%
50.6%	44.5	44.5	0.0	0.0%
51.9%	44.5	44.5	0.0	0.0%
53.1%	44.5	44.5	-0.1	-0.2%
54.3%	44.4	44.4	0.0	0.1%
55.6%	44.3	44.4	0.1	0.2%
56.8%	44.2	44.4	0.1	0.3%
58.0%	44.1	44.2	0.1	0.2%
59.3%	44.0	44.2	0.1	0.3%
60.5%	44.0	44.1	0.1	0.3%
61.7%	44.0	44.1	0.1	0.2%
63.0%	44.0	44.0	0.1	0.2%
64.2%	43.9	43.9	-0.1	-0.1%
65.4%	43.8	43.8	0.0	0.0%
66.7%	43.8	43.8	0.0	-0.1%
67.9%	43.6	43.8	0.1	0.3%
69.1%	43.6	43.6	0.0	0.0%
70.4%	43.6	43.6	0.0	0.0%
71.6%	43.5	43.5	0.0	0.1%
72.8%	43.5	43.5	0.0	0.1%
74.1%	43.4	43.5	0.1	0.2%
75.3%	43.4	43.5	0.1	0.2%
76.5%	43.3	43.5	0.2	0.5%
77.8%	43.3	43.5	0.2	0.5%
79.0%	43.3	43.4	0.2	0.4%
80.2%	43.1	43.2	0.1	0.2%
81.5%	43.0	43.2	0.2	0.4%
82.7%	43.0	43.1	0.1	0.3%
84.0%	42.9	43.0	0.1	0.2%
85.2%	42.9	43.0	0.1	0.3%
86.4%	42.8	43.0	0.2	0.4%
87.7%	42.6	42.9	0.3	0.6%
88.9%	42.6	42.8	0.3	0.6%
90.1%	42.6	42.6	0.1	0.2%
91.4%	42.5	42.6	0.1	0.3%
92.6%	42.5	42.5	0.0	0.1%
93.8%	42.4	42.5	0.0	0.1%
95.1%	42.4	42.3	-0.1	-0.2%
96.3%	42.2	42.3	0.1	0.3%
97.5%	41.9	41.9	0.0	0.0%
98.8%	41.3	41.5	0.2	0.5%
100.0%	41.3	41.3	0.0	0.0%

Table SQ-11-7b

Sacramento River at Knights Landing, Monthly Temperature

Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.7	50.8	0.0	0.0%
1.2%	50.1	50.0	-0.1	-0.2%
2.5%	50.0	50.0	0.0	0.0%
3.7%	49.8	50.0	0.1	0.3%
4.9%	49.8	49.9	0.1	0.2%
6.2%	49.7	49.9	0.2	0.3%
7.4%	49.6	49.8	0.1	0.3%
8.6%	49.5	49.6	0.2	0.4%
9.9%	49.1	49.1	-0.1	-0.1%
11.1%	48.7	48.9	0.1	0.3%
12.3%	48.6	48.8	0.2	0.3%
13.6%	48.5	48.6	0.0	0.1%
14.8%	48.5	48.5	0.0	0.1%
16.0%	48.5	48.5	0.0	-0.1%
17.3%	48.3	48.4	0.1	0.2%
18.5%	48.3	48.4	0.1	0.2%
19.8%	48.3	48.3	-0.1	-0.2%
21.0%	48.3	48.3	0.0	-0.1%
22.2%	48.2	48.2	0.0	0.0%
23.5%	48.1	48.2	0.1	0.2%
24.7%	48.1	48.2	0.1	0.3%
25.9%	48.1	48.1	0.0	0.0%
27.2%	48.0	48.1	0.0	0.0%
28.4%	48.0	48.0	0.0	0.1%
29.6%	48.0	48.0	0.0	0.0%
30.9%	47.9	48.0	0.1	0.1%
32.1%	47.8	47.9	0.1	0.1%
33.3%	47.8	47.9	0.1	0.2%
34.6%	47.8	47.8	0.0	0.0%
35.8%	47.7	47.7	0.0	0.1%
37.0%	47.7	47.7	0.0	0.0%
38.3%	47.7	47.7	0.0	0.1%
39.5%	47.7	47.7	0.0	0.0%
40.7%	47.6	47.7	0.1	0.2%
42.0%	47.5	47.6	0.1	0.2%
43.2%	47.5	47.6	0.1	0.2%
44.4%	47.5	47.5	0.0	0.0%
45.7%	47.4	47.4	0.0	-0.1%
46.9%	47.3	47.3	0.0	0.1%
48.1%	47.3	47.3	0.0	0.0%
49.4%	47.2	47.3	0.0	0.1%
50.6%	47.2	47.2	0.1	0.2%
51.9%	47.2	47.1	0.0	-0.1%
53.1%	47.0	47.1	0.0	0.1%
54.3%	47.0	47.1	0.1	0.1%
55.6%	47.0	47.0	0.1	0.1%
56.8%	46.9	47.0	0.1	0.3%
58.0%	46.9	47.0	0.1	0.3%
59.3%	46.9	47.0	0.1	0.2%
60.5%	46.7	46.8	0.1	0.1%
61.7%	46.7	46.8	0.1	0.2%
63.0%	46.7	46.8	0.1	0.2%
64.2%	46.7	46.7	0.1	0.1%
65.4%	46.7	46.7	0.1	0.1%
66.7%	46.6	46.7	0.1	0.2%
67.9%	46.5	46.6	0.1	0.2%
69.1%	46.5	46.5	0.1	0.1%
70.4%	46.4	46.5	0.0	0.1%
71.6%	46.4	46.4	0.0	-0.1%
72.8%	46.3	46.3	0.0	-0.1%
74.1%	46.3	46.3	0.0	0.0%
75.3%	46.1	46.1	0.0	0.1%
76.5%	46.0	46.0	0.1	0.1%
77.8%	45.9	46.0	0.1	0.2%
79.0%	45.9	45.9	0.0	0.0%
80.2%	45.8	45.9	0.1	0.2%
81.5%	45.8	45.8	0.0	0.1%
82.7%	45.6	45.8	0.2	0.5%
84.0%	45.6	45.6	0.0	0.1%
85.2%	45.5	45.6	0.1	0.2%
86.4%	45.5	45.5	0.1	0.1%
87.7%	45.4	45.5	0.1	0.1%
88.9%	45.4	45.4	0.0	0.1%
90.1%	45.3	45.4	0.0	0.1%
91.4%	45.3	45.4	0.0	0.1%
92.6%	45.3	45.2	0.0	-0.1%
93.8%	45.1	45.2	0.1	0.1%
95.1%	45.0	45.0	0.1	0.1%
96.3%	44.9	44.9	0.1	0.2%
97.5%	44.5	44.6	0.0	0.1%
98.8%	44.2	44.2	0.0	-0.1%
100.0%	43.8	43.8	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	57.0	57.0	-0.1	-0.1%
1.2%	56.7	56.7	0.0	-0.1%
2.5%	56.1	56.3	0.2	0.4%
3.7%	55.8	56.0	0.2	0.3%
4.9%	55.8	55.8	0.0	-0.1%
6.2%	55.4	55.5	0.1	0.1%
7.4%	54.7	54.6	-0.1	-0.2%
8.6%	54.6	54.6	0.0	0.1%
9.9%	54.4	54.6	0.2	0.3%
11.1%	54.4	54.5	0.1	0.1%
12.3%	54.2	54.5	0.3	0.5%
13.6%	54.1	54.3	0.1	0.2%
14.8%	54.0	54.1	0.1	0.1%
16.0%	54.0	54.0	0.0	0.1%
17.3%	53.9	54.0	0.1	0.2%
18.5%	53.8	53.9	0.1	0.3%
19.8%	53.6	53.9	0.2	0.4%
21.0%	53.6	53.8	0.2	0.4%
22.2%	53.5	53.5	0.1	0.1%
23.5%	53.3	53.5	0.3	0.5%
24.7%	53.2	53.5	0.3	0.5%
25.9%	53.2	53.4	0.2	0.4%
27.2%	53.2	53.4	0.2	0.4%
28.4%	53.1	53.4	0.3	0.5%
29.6%	53.1	53.3	0.2	0.4%
30.9%	52.9	53.1	0.2	0.4%
32.1%	52.9	53.0	0.1	0.3%
33.3%	52.7	53.0	0.2	0.4%
34.6%	52.7	52.9	0.2	0.4%
35.8%	52.7	52.8	0.1	0.2%
37.0%	52.6	52.7	0.1	0.2%
38.3%	52.5	52.6	0.2	0.3%
39.5%	52.3	52.6	0.2	0.4%
40.7%	52.3	52.5	0.2	0.3%
42.0%	52.3	52.4	0.2	0.3%
43.2%	52.0	52.4	0.4	0.7%
44.4%	52.0	52.3	0.4	0.7%
45.7%	52.0	52.3	0.3	0.6%
46.9%	52.0	52.1	0.2	0.3%
48.1%	51.9	52.1	0.2	0.4%
49.4%	51.9	52.0	0.2	0.3%
50.6%	51.8	52.0	0.2	0.4%
51.9%	51.7	52.0	0.3	0.5%
53.1%	51.7	51.9	0.3	0.5%
54.3%	51.7	51.9	0.2	0.5%
55.6%	51.6	51.8	0.2	0.5%
56.8%	51.5	51.6	0.1	0.3%
58.0%	51.4	51.6	0.2	0.4%
59.3%	51.4	51.6	0.2	0.4%
60.5%	51.3	51.4	0.2	0.3%
61.7%	51.2	51.4	0.2	0.4%
63.0%	51.2	51.4	0.2	0.3%
64.2%	51.2	51.3	0.2	0.3%
65.4%	51.2	51.2	0.0	0.0%
66.7%	51.0	51.2	0.2	0.4%
67.9%	50.8	51.1	0.3	0.5%
69.1%	50.7	51.0	0.3	0.6%
70.4%	50.7	51.0	0.3	0.6%
71.6%	50.7	50.8	0.2	0.3%
72.8%	50.5	50.7	0.2	0.4%
74.1%	50.4	50.6	0.2	0.4%
75.3%	50.4	50.5	0.1	0.2%
76.5%	50.4	50.5	0.1	0.2%
77.8%	49.9	50.0	0.1	0.2%
79.0%	49.7	49.8	0.1	0.3%
80.2%	49.7	49.8	0.1	0.2%
81.5%	49.6	49.7	0.1	0.2%
82.7%	49.6	49.7	0.1	0.1%
84.0%	49.5	49.6	0.1	0.3%
85.2%	49.4	49.5	0.1	0.1%
86.4%	49.2	49.4	0.2	0.3%
87.7%	49.1	49.3	0.2	0.5%
88.9%	49.1	49.3	0.2	0.5%
90.1%	49.0	49.1	0.1	0.1%
91.4%	49.0	49.1	0.1	0.2%
92.6%	48.9	49.0	0.1	0.3%
93.8%	48.8	49.0	0.2	0.5%
95.1%	48.6	48.6	0.0	0.0%
96.3%	48.4	48.4	0.1	0.1%
97.5%	48.3	48.3	0.0	0.0%
98.8%	48.0	48.0	0.0	0.0%
100.0%	48.0	48.0	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	62.4	62.9	0.5	0.7%
1.2%	62.2	62.7	0.5	0.8%
2.5%	61.8	62.3	0.4	0.7%
3.7%	61.7	62.0	0.2	0.4%
4.9%	61.6	61.9	0.3	0.5%
6.2%	61.5	61.7	0.3	0.4%
7.4%	61.2	61.6	0.4	0.7%
8.6%	61.2	61.4	0.2	0.3%
9.9%	61.0	61.4	0.4	0.6%
11.1%	60.9	61.2	0.3	0.5%
12.3%	60.7	61.0	0.3	0.5%
13.6%	60.7	61.0	0.3	0.6%
14.8%	60.5	60.9	0.3	0.6%
16.0%	60.5	60.8	0.3	0.5%
17.3%	59.9	60.7	0.8	1.3%
18.5%	59.9	60.2	0.2	0.4%
19.8%	59.7	60.0	0.2	0.4%
21.0%	59.7	59.9	0.3	0.5%
22.2%	59.5	59.8	0.3	0.5%
23.5%	59.5	59.7	0.2	0.4%
24.7%	59.5	59.7	0.2	0.3%
25.9%	59.4	59.6	0.2	0.4%
27.2%	59.4	59.6	0.2	0.4%
28.4%	59.4	59.6	0.2	0.4%
29.6%	59.4	59.5	0.2	0.3%
30.9%	59.3	59.5	0.2	0.3%
32.1%	59.3	59.4	0.1	0.2%
33.3%	59.2	59.4	0.2	0.3%
34.6%	59.1	59.3	0.2	0.4%
35.8%	58.7	58.9	0.2	0.4%
37.0%	58.7	58.8	0.2	0.3%
38.3%	58.6	58.8	0.2	0.3%
39.5%	58.6	58.8	0.2	0.4%
40.7%	58.5	58.7	0.2	0.4%
42.0%	58.4	58.7	0.2	0.4%
43.2%	58.2	58.6	0.4	0.6%
44.4%	58.1	58.5	0.4	0.6%
45.7%	58.1	58.4	0.3	0.5%
46.9%	58.1	58.3	0.3	0.5%
48.1%	58.0	58.2	0.2	0.4%
49.4%	57.8	58.2	0.3	0.6%
50.6%	57.8	58.2	0.3	0.6%
51.9%	57.8	58.0	0.2	0.3%
53.1%	57.8	57.9	0.1	0.2%
54.3%	57.7	57.8	0.1	0.1%
55.6%	57.6	57.8	0.2	0.3%
56.8%	57.5	57.7	0.2	0.4%
58.0%	57.4	57.7	0.3	0.5%
59.3%	57.4	57.6	0.3	0.5%
60.5%	57.3	57.5	0.2	0.3%
61.7%	57.2	57.3	0.2	0.3%
63.0%	57.1	57.3	0.2	0.3%
64.2%	57.0	57.2	0.2	0.4%
65.4%	57.0	57.2	0.2	0.4%
66.7%	56.8	57.2	0.4	0.7%
67.9%	56.8	57.0	0.3	0.4%
69.1%	56.7	56.8	0.1	0.2%
70.4%	56.5	56.7	0.1	0.2%
71.6%	56.4	56.5	0.1	0.2%
72.8%	56.3	56.4	0.1	0.2%
74.1%	56.3	56.3	0.0	0.0%
75.3%	56.2	56.3	0.0	0.1%
76.5%	56.0	56.2	0.3	0.5%
77.8%	55.5	55.6	0.2	0.3%
79.0%	55.4	55.5	0.1	0.2%
80.2%	55.3	55.4	0.2	0.3%
81.5%	55.2	55.4	0.3	0.5%
82.7%	55.2	55.4	0.3	0.5%
84.0%	55.2	55.4	0.2	0.4%
85.2%	55.1	55.2	0.1	0.2%
86.4%	54.9	54.9	0.0	0.1%
87.7%	54.8	54.9	0.1	0.2%
88.9%	54.7	54.7	0.0	0.0%
90.1%	54.5	54.7	0.1	0.2%
91.4%	54.2	54.2	0.0	0.0%
92.6%	53.9	53.9	0.0	0.0%
93.8%	53.8	53.8	0.0	0.0%
95.1%	53.6	53.6	0.0	0.0%
96.3%	53.1	53.4	0.3	0.6%
97.5%	52.3	52.3	0.0	0.0%
98.8%	50.9	50.9	0.0	0.0%
100.0%	49.8	49.8	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.7	68.2	0.5	0.7%
1.2%	67.1	67.4	0.3	0.5%
2.5%	66.8	66.9	0.1	0.1%
3.7%	66.7	66.7	0.0	0.0%
4.9%	66.6	66.6	0.0	0.0%
6.2%	66.3	66.5	0.2	0.2%
7.4%	66.3	66.4	0.2	0.2%
8.6%	66.3	66.2	-0.1	-0.2%
9.9%	66.3	66.0	-0.2	-0.3%
11.1%	66.1	66.0	-0.1	-0.1%
12.3%	66.1	65.9	-0.1	-0.2%
13.6%	66.0	65.9	-0.2	-0.3%
14.8%	65.8	65.8	0.0	0.0%
16.0%	65.7	65.8	0.1	0.1%
17.3%	65.7	65.7	0.0	0.1%
18.5%	65.6	65.7	0.0	0.1%
19.8%	65.3	65.6	0.4	0.6%
21.0%	65.1	65.6	0.5	0.8%
22.2%	65.0	65.6	0.6	0.9%
23.5%	65.0	65.1	0.1	0.2%
24.7%	65.0	65.1	0.1	0.2%
25.9%	65.0	65.1	0.1	0.2%
27.2%	64.9	65.1	0.2	0.3%
28.4%	64.9	65.0	0.1	0.2%
29.6%	64.7	64.9	0.1	0.2%
30.9%	64.7	64.8	0.2	0.3%
32.1%	64.5	64.8	0.3	0.5%
33.3%	64.5	64.8	0.3	0.5%
34.6%	64.4	64.7	0.3	0.5%
35.8%	64.4	64.7	0.3	0.5%
37.0%	64.3	64.6	0.3	0.5%
38.3%	64.3	64.4	0.2	0.3%
39.5%	64.2	64.4	0.1	0.2%
40.7%	64.1	64.4	0.2	0.4%
42.0%	64.1	64.4	0.2	0.4%
43.2%	64.1	64.3	0.2	0.4%
44.4%	64.0	64.3	0.3	0.4%
45.7%	63.9	64.1	0.1	0.2%
46.9%	63.8	64.1	0.2	0.4%
48.1%	63.7	64.0	0.3	0.5%
49.4%	63.7	64.0	0.3	0.5%
50.6%	63.6	63.9	0.3	0.5%
51.9%	63.6	63.9	0.3	0.4%
53.1%	63.6	63.9	0.3	0.4%
54.3%	63.6	63.9	0.3	0.4%
55.6%	63.5	63.7	0.2	0.3%
56.8%	63.5	63.7	0.2	0.3%
58.0%	63.5	63.7	0.2	0.4%
59.3%	63.4	63.7	0.2	0.4%
60.5%	63.4	63.6	0.2	0.4%
61.7%	63.3	63.6	0.3	0.5%
63.0%	63.3	63.5	0.2	0.4%
64.2%	63.3	63.5	0.2	0.3%
65.4%	63.2	63.4	0.1	0.2%
66.7%	63.2	63.3	0.1	0.2%
67.9%	63.2	63.3	0.1	0.2%
69.1%	63.2	63.2	0.0	0.1%
70.4%	63.1	63.2	0.1	0.2%
71.6%	63.0	63.2	0.1	0.2%
72.8%	63.0	63.1	0.1	0.2%
74.1%	62.8	62.9	0.1	0.1%
75.3%	62.8	62.8	0.0	0.0%
76.5%	62.7	62.7	0.0	0.0%
77.8%	62.7	62.5	-0.2	-0.2%
79.0%	62.6	62.4	-0.2	-0.3%
80.2%	62.6	62.3	-0.3	-0.5%
81.5%	62.4	62.2	-0.3	-0.4%
82.7%	62.2	62.1	0.0	-0.1%
84.0%	62.1	62.0	-0.1	-0.1%
85.2%	61.7	61.8	0.1	0.1%
86.4%	61.7	61.7	0.0	0.0%
87.7%	61.6	61.6	0.0	0.0%
88.9%	60.9	61.2	0.2	0.4%
90.1%	60.9	61.1	0.2	0.3%
91.4%	60.9	61.0	0.1	0.2%
92.6%	60.8	60.9	0.1	0.2%
93.8%	60.8	60.6	-0.2	-0.4%
95.1%	60.5	60.5	0.0	-0.1%
96.3%	60.4	60.4	0.0	0.1%
97.5%	60.1	60.1	0.0	0.0%
98.8%	59.7	59.6	-0.1	-0.1%
100.0%	56.5	56.5	0.0	0.0%

Table SQ-11-7b

Sacramento River at Knights Landing, Monthly Temperature
Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	71.3	71.1	-0.2	-0.2%
1.2%	70.9	70.4	-0.5	-0.8%
2.5%	70.0	69.9	-0.1	-0.2%
3.7%	70.0	69.8	-0.2	-0.3%
4.9%	70.0	69.8	-0.2	-0.3%
6.2%	70.0	69.7	-0.3	-0.4%
7.4%	69.9	69.6	-0.3	-0.4%
8.6%	69.7	69.6	-0.1	-0.1%
9.9%	69.7	69.5	-0.2	-0.3%
11.1%	69.6	69.3	-0.3	-0.5%
12.3%	69.4	69.0	-0.4	-0.6%
13.6%	69.4	69.0	-0.4	-0.5%
14.8%	69.3	68.9	-0.4	-0.6%
16.0%	69.2	68.7	-0.5	-0.7%
17.3%	69.1	68.6	-0.5	-0.7%
18.5%	69.1	68.6	-0.5	-0.7%
19.8%	69.1	68.6	-0.5	-0.8%
21.0%	69.0	68.6	-0.5	-0.7%
22.2%	69.0	68.4	-0.5	-0.8%
23.5%	68.9	68.3	-0.6	-0.9%
24.7%	68.9	68.3	-0.6	-0.9%
25.9%	68.8	68.2	-0.6	-0.9%
27.2%	68.8	68.2	-0.6	-0.9%
28.4%	68.7	68.1	-0.6	-0.8%
29.6%	68.7	68.1	-0.6	-0.9%
30.9%	68.7	67.9	-0.7	-1.1%
32.1%	68.6	67.8	-0.8	-1.2%
33.3%	68.6	67.8	-0.8	-1.1%
34.6%	68.5	67.8	-0.7	-1.1%
35.8%	68.4	67.7	-0.7	-1.0%
37.0%	68.4	67.7	-0.7	-1.0%
38.3%	67.9	67.7	-0.3	-0.4%
39.5%	67.9	67.6	-0.3	-0.4%
40.7%	67.8	67.6	-0.2	-0.3%
42.0%	67.8	67.5	-0.3	-0.4%
43.2%	67.7	67.4	-0.3	-0.4%
44.4%	67.7	67.3	-0.4	-0.6%
45.7%	67.7	67.3	-0.4	-0.6%
46.9%	67.6	67.3	-0.3	-0.5%
48.1%	67.6	67.3	-0.3	-0.4%
49.4%	67.5	67.3	-0.3	-0.4%
50.6%	67.5	67.2	-0.3	-0.5%
51.9%	67.5	67.2	-0.3	-0.4%
53.1%	67.5	67.2	-0.3	-0.4%
54.3%	67.4	67.2	-0.2	-0.4%
55.6%	67.3	67.1	-0.2	-0.3%
56.8%	67.2	67.1	-0.1	-0.2%
58.0%	67.2	67.1	-0.1	-0.2%
59.3%	67.1	67.1	-0.1	-0.1%
60.5%	67.1	67.0	-0.1	-0.2%
61.7%	67.1	67.0	-0.1	-0.1%
63.0%	67.1	66.9	-0.2	-0.2%
64.2%	67.0	66.8	-0.2	-0.3%
65.4%	67.0	66.8	-0.2	-0.3%
66.7%	67.0	66.8	-0.2	-0.3%
67.9%	66.9	66.8	-0.1	-0.2%
69.1%	66.8	66.8	-0.1	-0.1%
70.4%	66.8	66.7	-0.1	-0.1%
71.6%	66.7	66.6	-0.1	-0.2%
72.8%	66.6	66.6	0.0	0.0%
74.1%	66.6	66.5	-0.1	-0.1%
75.3%	66.5	66.4	-0.1	-0.2%
76.5%	66.5	66.4	-0.2	-0.2%
77.8%	66.5	66.4	-0.1	-0.2%
79.0%	66.5	66.3	-0.2	-0.2%
80.2%	66.4	66.2	-0.2	-0.3%
81.5%	66.3	66.2	-0.2	-0.2%
82.7%	66.3	66.1	-0.2	-0.3%
84.0%	66.3	66.0	-0.2	-0.4%
85.2%	66.2	65.9	-0.3	-0.5%
86.4%	66.1	65.7	-0.4	-0.6%
87.7%	66.0	65.6	-0.4	-0.6%
88.9%	65.9	65.5	-0.4	-0.6%
90.1%	65.6	65.4	-0.2	-0.3%
91.4%	65.3	65.2	-0.1	-0.1%
92.6%	65.2	65.1	0.0	-0.1%
93.8%	65.1	64.6	-0.5	-0.7%
95.1%	65.0	64.5	-0.4	-0.7%
96.3%	64.3	64.4	0.2	0.3%
97.5%	64.2	64.2	0.0	0.1%
98.8%	64.1	63.9	-0.2	-0.3%
100.0%	63.5	63.5	0.0	-0.1%

July				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	75.5	74.4	-1.1	-1.5%
1.2%	73.9	72.9	-1.1	-1.4%
2.5%	73.2	72.7	-0.5	-0.7%
3.7%	73.0	72.4	-0.5	-0.7%
4.9%	72.8	72.4	-0.4	-0.6%
6.2%	72.7	72.0	-0.7	-1.0%
7.4%	72.5	71.8	-0.7	-0.9%
8.6%	72.3	71.8	-0.5	-0.7%
9.9%	72.2	71.8	-0.4	-0.6%
11.1%	72.0	71.6	-0.4	-0.5%
12.3%	71.9	71.3	-0.6	-0.8%
13.6%	71.9	71.3	-0.6	-0.8%
14.8%	71.7	71.2	-0.5	-0.7%
16.0%	71.7	71.2	-0.5	-0.7%
17.3%	71.7	70.8	-0.9	-1.2%
18.5%	71.7	70.6	-1.0	-1.5%
19.8%	71.5	70.5	-1.0	-1.4%
21.0%	71.5	70.5	-0.9	-1.3%
22.2%	71.5	70.5	-1.0	-1.3%
23.5%	71.4	70.5	-0.9	-1.3%
24.7%	71.3	70.4	-1.0	-1.4%
25.9%	71.3	70.4	-1.0	-1.4%
27.2%	71.3	70.3	-1.0	-1.3%
28.4%	71.2	70.3	-0.9	-1.3%
29.6%	71.1	70.3	-0.8	-1.2%
30.9%	71.1	70.2	-0.8	-1.2%
32.1%	71.0	70.2	-0.8	-1.1%
33.3%	71.0	70.2	-0.8	-1.1%
34.6%	70.9	70.1	-0.8	-1.1%
35.8%	70.9	70.1	-0.8	-1.1%
37.0%	70.9	70.1	-0.8	-1.2%
38.3%	70.8	70.1	-0.7	-1.0%
39.5%	70.7	70.0	-0.7	-1.0%
40.7%	70.7	69.9	-0.8	-1.1%
42.0%	70.5	69.8	-0.7	-0.9%
43.2%	70.5	69.8	-0.6	-0.9%
44.4%	70.4	69.8	-0.6	-0.9%
45.7%	70.3	69.7	-0.6	-0.8%
46.9%	70.3	69.7	-0.6	-0.8%
48.1%	70.2	69.7	-0.5	-0.7%
49.4%	70.2	69.6	-0.5	-0.8%
50.6%	70.1	69.5	-0.6	-0.9%
51.9%	70.1	69.5	-0.6	-0.9%
53.1%	70.1	69.5	-0.6	-0.9%
54.3%	70.0	69.5	-0.5	-0.7%
55.6%	70.0	69.4	-0.6	-0.8%
56.8%	69.9	69.3	-0.7	-1.0%
58.0%	69.9	69.2	-0.7	-1.0%
59.3%	69.9	69.1	-0.8	-1.1%
60.5%	69.8	69.0	-0.8	-1.1%
61.7%	69.8	69.0	-0.8	-1.1%
63.0%	69.8	69.0	-0.8	-1.2%
64.2%	69.8	68.9	-1.0	-1.4%
65.4%	69.8	68.8	-1.0	-1.5%
66.7%	69.8	68.8	-1.0	-1.4%
67.9%	69.8	68.7	-1.0	-1.5%
69.1%	69.7	68.6	-1.0	-1.5%
70.4%	69.6	68.6	-1.1	-1.6%
71.6%	69.6	68.6	-1.1	-1.5%
72.8%	69.6	68.4	-1.2	-1.7%
74.1%	69.5	68.4	-1.2	-1.7%
75.3%	69.4	68.4	-1.1	-1.6%
76.5%	69.4	68.3	-1.1	-1.6%
77.8%	69.4	68.3	-1.1	-1.6%
79.0%	69.4	68.2	-1.2	-1.7%
80.2%	69.3	68.1	-1.3	-1.8%
81.5%	69.1	68.0	-1.1	-1.6%
82.7%	68.9	68.0	-0.9	-1.3%
84.0%	68.9	68.0	-0.9	-1.3%
85.2%	68.9	68.0	-0.9	-1.3%
86.4%	68.6	68.0	-0.7	-1.0%
87.7%	68.5	67.9	-0.6	-0.9%
88.9%	68.5	67.5	-1.0	-1.5%
90.1%	68.2	67.5	-0.7	-1.0%
91.4%	67.9	67.2	-0.7	-1.1%
92.6%	67.9	67.1	-0.8	-1.2%
93.8%	67.6	66.9	-0.7	-1.0%
95.1%	67.5	66.8	-0.7	-1.0%
96.3%	67.0	66.7	-0.2	-0.3%
97.5%	66.9	66.7	-0.2	-0.4%
98.8%	66.9	65.9	-1.0	-1.5%
100.0%	66.8	65.8	-1.0	-1.5%

August				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	74.4	73.5	-0.8	-1.1%
1.2%	74.3	73.1	-1.2	-1.6%
2.5%	74.2	72.5	-1.7	-2.3%
3.7%	73.8	72.3	-1.6	-2.1%
4.9%	73.6	72.2	-1.4	-1.9%
6.2%	72.7	71.8	-0.9	-1.2%
7.4%	72.6	71.5	-1.1	-1.6%
8.6%	72.3	71.4	-0.9	-1.2%
9.9%	71.7	71.3	-0.4	-0.6%
11.1%	71.6	71.3	-0.3	-0.4%
12.3%	71.5	71.2	-0.3	-0.5%
13.6%	71.5	71.2	-0.3	-0.4%
14.8%	71.4	71.2	-0.3	-0.4%
16.0%	71.4	71.2	-0.3	-0.4%
17.3%	71.4	70.9	-0.5	-0.8%
18.5%	71.4	70.8	-0.6	-0.9%
19.8%	71.4	70.8	-0.6	-0.9%
21.0%	71.4	70.7	-0.6	-0.9%
22.2%	71.4	70.7	-0.7	-1.0%
23.5%	71.4	70.7	-0.7	-1.0%
24.7%	71.2	70.6	-0.6	-0.9%
25.9%	71.1	70.6	-0.6	-0.8%
27.2%	71.0	70.5	-0.5	-0.7%
28.4%	71.0	70.5	-0.5	-0.7%
29.6%	71.0	70.4	-0.5	-0.7%
30.9%	71.0	70.4	-0.6	-0.8%
32.1%	70.9	70.3	-0.6	-0.8%
33.3%	70.8	70.3	-0.5	-0.7%
34.6%	70.7	70.2	-0.5	-0.7%
35.8%	70.7	70.1	-0.6	-0.8%
37.0%	70.7	70.0	-0.7	-0.9%
38.3%	70.7	70.0	-0.6	-0.9%
39.5%	70.5	70.0	-0.5	-0.7%
40.7%	70.4	70.0	-0.5	-0.6%
42.0%	70.4	69.9	-0.5	-0.8%
43.2%	70.4	69.9	-0.5	-0.7%
44.4%	70.3	69.8	-0.5	-0.7%
45.7%	70.3	69.8	-0.5	-0.7%
46.9%	70.3	69.8	-0.5	-0.7%
48.1%	70.2	69.8	-0.4	-0.6%
49.4%	70.2	69.7	-0.5	-0.8%
50.6%	70.2	69.6	-0.6	-0.8%
51.9%	70.1	69.5	-0.6	-0.8%
53.1%	70.1	69.5	-0.6	-0.8%
54.3%	70.0	69.5	-0.5	-0.7%
55.6%	70.0	69.5	-0.5	-0.7%
56.8%	70.0	69.5	-0.5	-0.7%
58.0%	69.9	69.5	-0.5	-0.7%
59.3%	69.8	69.3	-0.4	-0.6%
60.5%	69.7	69.2	-0.5	-0.7%
61.7%	69.5	69.2	-0.3	-0.4%
63.0%	69.4	69.1	-0.3	-0.4%
64.2%	69.4	69.1	-0.3	-0.4%
65.4%	69.4	69.1	-0.2	-0.4%
66.7%	69.3	69.1	-0.2	-0.3%
67.9%	69.2	69.0	-0.2	-0.3%
69.1%	69.2	68.9	-0.2	-0.3%
70.4%	69.1	68.4	-0.6	-0.9%
71.6%	69.0	68.4	-0.7	-1.0%
72.8%	69.0	68.2	-0.8	-1.1%
74.1%	69.0	68.2	-0.8	-1.2%
75.3%	68.9	68.2	-0.8	-1.1%
76.5%	68.7	68.1	-0.7	-1.0%
77.8%	68.4	68.1	-0.4	-0.5%
79.0%	68.3	68.0	-0.3	-0.4%
80.2%	68.2	68.0	-0.2	-0.4%
81.5%	68.2	68.0	-0.2	-0.3%
82.7%	68.2	67.9	-0.3	-0.4%
84.0%	68.1	67.7	-0.4	-0.6%
85.2%	68.1	67.7	-0.4	-0.6%
86.4%	68.1	67.7	-0.4	-0.6%
87.7%	68.1	67.5	-0.5	-0.8%
88.9%	68.0	67.5	-0.5	-0.7%
90.1%	67.9	67.5	-0.4	-0.6%
91.4%	67.8	67.3	-0.5	-0.7%
92.6%	67.7	67.2	-0.5	-0.8%
93.8%	67.7	67.1	-0.5	-0.8%
95.1%	67.5	67.1	-0.4	-0.7%
96.3%	67.5	67.1	-0.4	-0.6%
97.5%	67.3	66.5	-0.8	-1.2%
98.8%	66.8	66.1	-0.7	-1.1%
100.0%	66.1	65.8	-0.3	-0.4%

September				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	71.0	69.6	-1.4	-1.9%
1.2%	70.1	69.3	-0.8	-1.1%
2.5%	69.6	69.2	-0.4	-0.6%
3.7%	69.6	69.0	-0.6	-0.8%
4.9%	69.3	68.7	-0.6	-0.8%
6.2%	68.8	68.4	-0.4	-0.6%
7.4%	68.5	68.4	-0.1	-0.2%
8.6%	68.4	68.2	-0.3	-0.4%
9.9%	68.3	67.7	-0.7	-1.0%
11.1%	68.3	67.3	-0.9	-1.4%
12.3%	68.1	67.3	-0.8	-1.2%
13.6%	67.7	67.3	-0.4	-0.6%
14.8%	67.7	67.2	-0.4	-0.7%
16.0%	67.5	67.1	-0.4	-0.7%
17.3%	67.5	67.1	-0.4	-0.7%
18.5%	67.5	67.0	-0.4	-0.7%
19.8%	67.5	66.9	-0.5	-0.8%
21.0%	67.4	66.9	-0.5	-0.8%
22.2%	67.4	66.9	-0.5	-0.8%
23.5%	67.3	66.8	-0.6	-0.8%
24.7%	67.2	66.6	-0.6	-0.8%
25.9%	67.2	66.6	-0.6	-1.0%
27.2%	67.1	66.5	-0.6	-0.8%
28.4%	66.8	66.5	-0.3	-0.4%
29.6%	66.8	66.5	-0.3	-0.4%
30.9%	66.8	66.5	-0.3	-0.5%
32.1%	66.7	66.4	-0.3	-0.5%
33.3%	66.7	66.4	-0.3	-0.4%
34.6%	66.6	66.3	-0.4	-0.5%
35.8%	66.4	66.0	-0.4	-0.6%
37.0%	66.4	66.0	-0.4	-0.5%
38.3%	66.3	65.9	-0.4	-0.6%
39.5%	66.3	65.9	-0.4	-0.6%
40.7%	66.0	65.9	-0.1	-0.1%
42.0%	65.9	65.8	-0.1	-0.1%
43.2%	65.9	65.6	-0.2	-0.4%
44.4%	65.8	65.5	-0.3	-0.5%
45.7%	65.8	65.5	-0.3	-0.4%
46.9%	65.7	65.5	-0.2	-0.3%
48.1%	65.7	65.5	-0.2	-0.3%
49.4%	65.6	65.4	-0.2	-0.4%
50.6%	65.6	65.4	-0.3	-0.4%
51.9%	65.6	65.3	-0.3	-0.4%
53.1%	65.6	65.3	-0.3	-0.4%
54.3%	65.5	65.3	-0.2	-0.3%
55.6%	65.5	65.3	-0.2	-0.4%
56.8%	65.4	65.2	-0.2	-0.3%
58.0%	65.4	65.1	-0.3	-0.4%
59.3%	65.4	65.1	-0.3	-0.4%
60.5%	65.1	65.1	-0.1	-0.1%
61.7%	65.0	65.0	0.0	0.0%
63.0%	65.0	65.0	0.0	0.0%
64.2%	64.9	64.9	0.1	0.1%
65.4%	64.8	64.9	0.0	0.0%
66.7%	64.5	64.8	0.2	0.4%
67.9%	64.5	64.6	0.1	0.2%
69.1%	64.4	64.5	0.1	0.1%
70.4%	64.4	64.5	0.1	0.1%
71.6%	64.3	64.5	0.2	0.2%
72.8%	64.3	64.3	0.1	0.1%
74.1%	64.3	64.2	-0.1	-0.1%
75.3%	64.3	64.0	-0.2	-0.4%
76.5%	64.0	64.0	0.0	0.0%
77.8%	63.9	63.8	-0.1	-0.2%
79.0%	63.8	63.7	-0.1	-0.2%
80.2%	63.7	63.7	0.0	0.0%
81.5%	63.7	63.5	-0.1	-0.2%
82.7%	63.6	63.4	-0.2	-0.3%
84.0%	63.5	63.4	-0.1	-0.1%
85.2%	63.4	63.2	-0.2	-0.4%
86.4%	63.4	63.0	-0.4	-0.6%
87.7%	63.2	62.9	-0.3	-0.5%
88.9%	63.2	62.9	-0.4	-0.6%
90.1%	62.9	62.7	-0.3	-0.4%
91.4%	62.8	62.5	-0.3	-0.5%
92.6%	62.8	62.4	-0.5	-0.7%
93.8%	62.5	62.3	-0.2	-0.3%
95.1%	62.2	62.0	-0.2	-0.4%
96.3%	62.1	61.7	-0.5	-0.8%
97.5%	61.9	61.4	-0.5	-0.8%
98.8%	61.7	61.3	-0.5	-0.8%
100.0%	60.8	60.3	-0.5	-0.8%

Table SQ-12-7a

Sacramento River at American River, Monthly Temperature

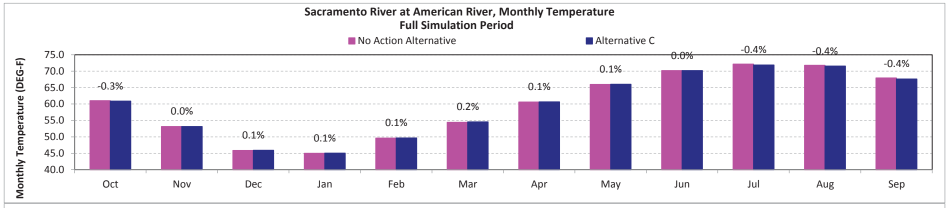
Long-term Average and Average by Water Year Type

Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	61.0	53.2	45.9	45.0	49.6	54.4	60.6	66.0	70.2	72.2	71.8	67.9
Alternative C	60.9	53.2	45.9	45.0	49.7	54.6	60.7	66.0	70.2	71.9	71.5	67.6
Difference	-0.2	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	-0.3	-0.3	-0.3
Percent Difference[3]	-0.3%	0.0%	0.1%	0.1%	0.1%	0.2%	0.1%	0.1%	0.0%	-0.4%	-0.4%	-0.4%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	60.5	53.7	46.4	45.8	49.5	53.3	58.5	64.2	68.8	72.3	71.7	66.0
Alternative C	60.3	53.8	46.5	45.9	49.5	53.3	58.5	64.2	68.7	72.1	71.7	65.8
Difference	-0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	0.0	-0.2
Percent Difference	-0.3%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.3%	0.0%	-0.3%
Above Normal (15%)												
No Action Alternative	60.4	52.1	45.7	45.1	49.4	54.0	60.5	66.2	70.4	71.3	70.9	66.9
Alternative C	60.1	52.1	45.7	45.2	49.5	54.1	60.5	66.2	70.5	70.8	70.8	66.9
Difference	-0.3	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	-0.5	0.0	0.0
Percent Difference	-0.4%	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%	0.1%	-0.7%	-0.1%	0.0%
Below Normal (17%)												
No Action Alternative	60.8	53.1	45.9	44.3	48.9	54.5	61.0	66.0	70.4	71.8	71.9	69.3
Alternative C	60.5	53.1	45.9	44.4	49.0	54.7	61.0	66.0	70.5	71.5	71.8	68.9
Difference	-0.2	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.1	-0.3	-0.1	-0.4
Percent Difference	-0.3%	0.0%	0.0%	0.1%	0.1%	0.4%	0.0%	0.1%	0.1%	-0.4%	-0.2%	-0.6%
Dry (22%)												
No Action Alternative	61.2	53.1	45.8	44.1	49.6	55.1	61.9	67.2	71.5	71.9	71.4	69.0
Alternative C	61.1	53.1	45.9	44.2	49.6	55.4	62.1	67.2	71.5	71.6	70.9	68.5
Difference	-0.1	0.0	0.1	0.0	0.0	0.2	0.2	0.1	0.0	-0.3	-0.5	-0.5
Percent Difference	-0.2%	0.0%	0.2%	0.0%	0.1%	0.4%	0.3%	0.1%	0.0%	-0.5%	-0.7%	-0.7%
Critical (15%)												
No Action Alternative	62.9	52.9	44.7	44.7	50.8	55.9	62.8	67.6	70.6	73.6	73.3	69.9
Alternative C	62.8	52.9	44.8	44.8	50.9	56.1	62.8	67.6	70.6	73.4	72.3	69.6
Difference	-0.1	0.0	0.1	0.1	0.1	0.2	0.0	0.1	0.0	-0.3	-1.0	-0.3
Percent Difference	-0.1%	0.0%	0.1%	0.2%	0.2%	0.3%	0.0%	0.1%	0.0%	-0.4%	-1.3%	-0.4%

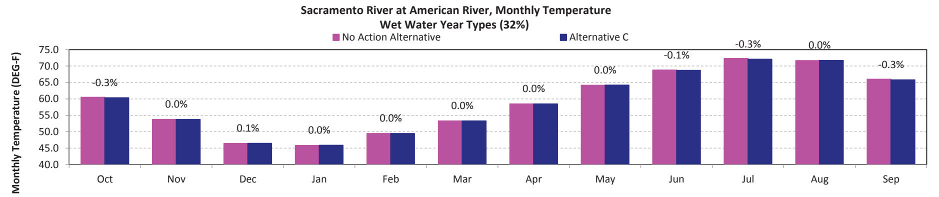
1 Based on the 82-year simulation period

2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

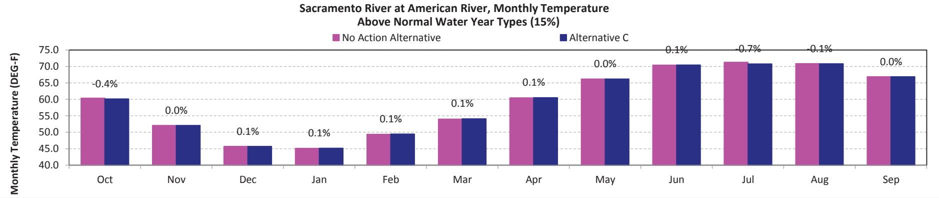
3 Relative difference of the monthly average



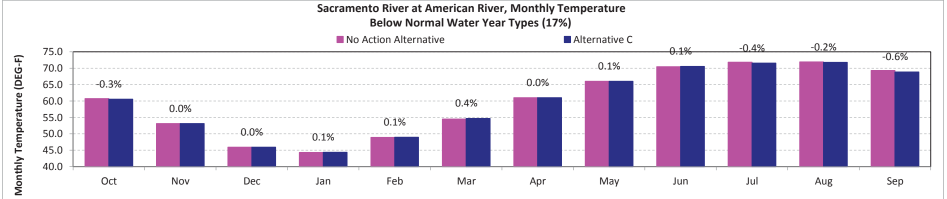
Sacramento River at American River, Monthly Temperature
Full Simulation Period



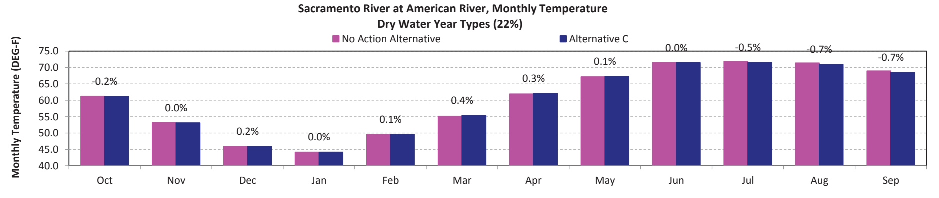
Sacramento River at American River, Monthly Temperature
Wet Water Year Types (32%)



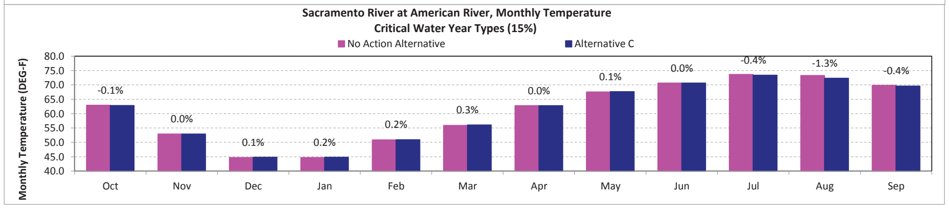
Sacramento River at American River, Monthly Temperature
Above Normal Water Year Types (15%)



Sacramento River at American River, Monthly Temperature
Below Normal Water Year Types (17%)



Sacramento River at American River, Monthly Temperature
Dry Water Year Types (22%)



Sacramento River at American River, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-12-7b
Sacramento River at American River, Monthly Temperature
Probability of Exceedance

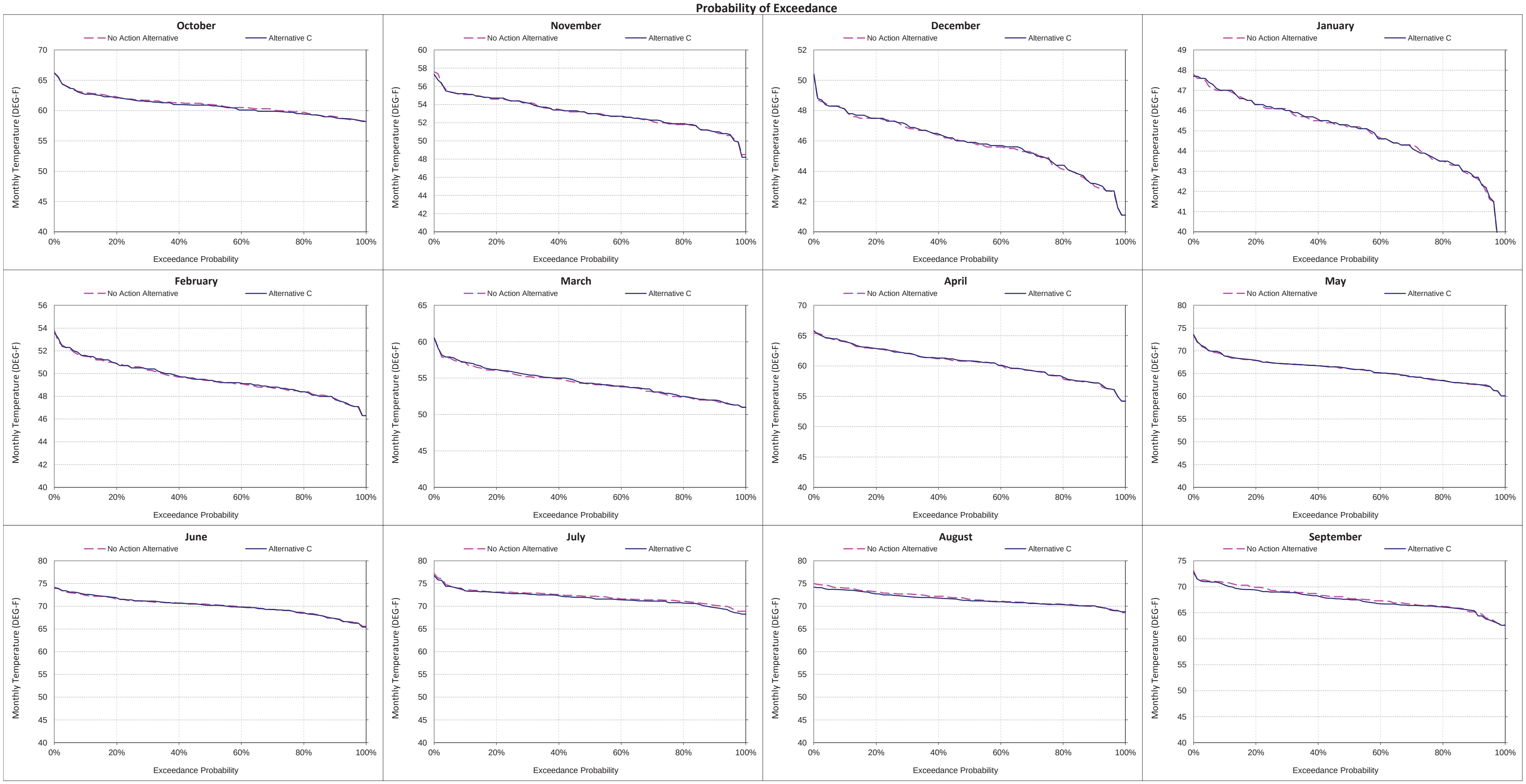


Table SQ-12-7b

Sacramento River at American River, Monthly Temperature
Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.2	66.2	0.0	0.0%
1.2%	65.6	65.5	-0.1	-0.2%
2.5%	64.4	64.4	0.0	0.0%
3.7%	64.1	64.1	0.0	0.0%
4.9%	63.8	63.7	-0.1	-0.2%
6.2%	63.4	63.6	0.2	0.3%
7.4%	63.2	63.1	-0.1	-0.2%
8.6%	63.1	62.9	-0.2	-0.3%
9.9%	62.9	62.7	-0.2	-0.3%
11.1%	62.9	62.7	-0.2	-0.3%
12.3%	62.8	62.7	-0.1	-0.2%
13.6%	62.8	62.6	-0.2	-0.3%
14.8%	62.7	62.5	-0.2	-0.3%
16.0%	62.6	62.3	-0.3	-0.5%
17.3%	62.4	62.3	-0.1	-0.2%
18.5%	62.4	62.3	-0.1	-0.2%
19.8%	62.3	62.1	-0.2	-0.3%
21.0%	62.1	62.1	0.0	0.0%
22.2%	62.0	62.0	0.0	0.0%
23.5%	61.9	61.9	0.0	0.0%
24.7%	61.9	61.8	-0.1	-0.2%
25.9%	61.8	61.7	-0.1	-0.2%
27.2%	61.8	61.6	-0.2	-0.3%
28.4%	61.7	61.6	-0.1	-0.2%
29.6%	61.7	61.5	-0.2	-0.3%
30.9%	61.7	61.5	-0.2	-0.3%
32.1%	61.6	61.4	-0.2	-0.3%
33.3%	61.6	61.4	-0.2	-0.3%
34.6%	61.4	61.3	-0.1	-0.2%
35.8%	61.4	61.3	-0.1	-0.2%
37.0%	61.4	61.3	-0.1	-0.2%
38.3%	61.3	61.0	-0.3	-0.5%
39.5%	61.3	61.0	-0.3	-0.5%
40.7%	61.3	61.0	-0.3	-0.5%
42.0%	61.2	61.0	-0.2	-0.3%
43.2%	61.2	60.9	-0.3	-0.5%
44.4%	61.2	60.9	-0.3	-0.5%
45.7%	61.2	60.9	-0.3	-0.5%
46.9%	61.2	60.9	-0.3	-0.5%
48.1%	61.0	60.9	-0.1	-0.2%
49.4%	61.0	60.9	-0.1	-0.2%
50.6%	61.0	60.8	-0.2	-0.3%
51.9%	60.9	60.8	-0.1	-0.2%
53.1%	60.9	60.7	-0.2	-0.3%
54.3%	60.7	60.6	-0.1	-0.2%
55.6%	60.6	60.5	-0.1	-0.2%
56.8%	60.5	60.5	0.0	0.0%
58.0%	60.5	60.4	-0.1	-0.2%
59.3%	60.5	60.1	-0.4	-0.7%
60.5%	60.5	60.1	-0.4	-0.7%
61.7%	60.5	60.1	-0.4	-0.7%
63.0%	60.4	60.1	-0.3	-0.5%
64.2%	60.3	60.1	-0.2	-0.3%
65.4%	60.3	59.9	-0.4	-0.7%
66.7%	60.3	59.9	-0.4	-0.7%
67.9%	60.3	59.9	-0.4	-0.7%
69.1%	60.3	59.9	-0.4	-0.7%
70.4%	60.1	59.9	-0.2	-0.3%
71.6%	60.0	59.9	-0.1	-0.2%
72.8%	60.0	59.8	-0.2	-0.3%
74.1%	59.9	59.8	-0.1	-0.2%
75.3%	59.9	59.7	-0.2	-0.3%
76.5%	59.8	59.7	-0.1	-0.2%
77.8%	59.8	59.5	-0.3	-0.5%
79.0%	59.7	59.5	-0.2	-0.3%
80.2%	59.7	59.4	-0.3	-0.5%
81.5%	59.5	59.4	-0.1	-0.2%
82.7%	59.4	59.3	-0.1	-0.2%
84.0%	59.3	59.3	0.0	0.0%
85.2%	59.2	59.2	0.0	0.0%
86.4%	59.1	59.0	-0.1	-0.2%
87.7%	59.1	59.0	-0.1	-0.2%
88.9%	59.1	59.0	-0.1	-0.2%
90.1%	59.0	58.8	-0.2	-0.3%
91.4%	58.9	58.7	-0.2	-0.3%
92.6%	58.7	58.7	0.0	0.0%
93.8%	58.6	58.7	0.1	0.2%
95.1%	58.5	58.6	0.1	0.2%
96.3%	58.5	58.5	0.0	0.0%
97.5%	58.4	58.4	0.0	0.0%
98.8%	58.3	58.2	-0.1	-0.2%
100.0%	58.3	58.2	-0.1	-0.2%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	57.6	57.3	-0.3	-0.5%
1.2%	57.4	56.7	-0.7	-1.2%
2.5%	56.2	56.3	0.1	0.2%
3.7%	55.7	55.5	-0.2	-0.4%
4.9%	55.4	55.4	0.0	0.0%
6.2%	55.3	55.3	0.0	0.0%
7.4%	55.2	55.2	0.0	0.0%
8.6%	55.1	55.2	0.1	0.2%
9.9%	55.1	55.2	0.1	0.2%
11.1%	55.1	55.1	0.0	0.0%
12.3%	55.1	55.1	0.0	0.0%
13.6%	55.0	54.9	-0.1	-0.2%
14.8%	54.9	54.9	0.0	0.0%
16.0%	54.8	54.8	0.0	0.0%
17.3%	54.7	54.8	0.1	0.2%
18.5%	54.6	54.7	0.1	0.2%
19.8%	54.6	54.7	0.1	0.2%
21.0%	54.6	54.7	0.1	0.2%
22.2%	54.6	54.7	0.1	0.2%
23.5%	54.5	54.5	0.0	0.0%
24.7%	54.4	54.4	0.0	0.0%
25.9%	54.4	54.4	0.0	0.0%
27.2%	54.4	54.4	0.0	0.0%
28.4%	54.3	54.2	-0.1	-0.2%
29.6%	54.2	54.2	0.0	0.0%
30.9%	54.2	54.1	-0.1	-0.2%
32.1%	54.1	53.9	-0.2	-0.4%
33.3%	53.8	53.8	0.0	0.0%
34.6%	53.7	53.7	0.0	0.0%
35.8%	53.6	53.7	0.1	0.2%
37.0%	53.6	53.6	0.0	0.0%
38.3%	53.5	53.4	-0.1	-0.2%
39.5%	53.5	53.4	-0.1	-0.2%
40.7%	53.4	53.4	0.0	0.0%
42.0%	53.3	53.3	0.0	0.0%
43.2%	53.2	53.3	0.1	0.2%
44.4%	53.2	53.3	0.1	0.2%
45.7%	53.2	53.3	0.1	0.2%
46.9%	53.2	53.2	0.0	0.0%
48.1%	53.2	53.2	0.0	0.0%
49.4%	53.0	53.0	0.0	0.0%
50.6%	53.0	53.0	0.0	0.0%
51.9%	53.0	53.0	0.0	0.0%
53.1%	53.0	52.9	-0.1	-0.2%
54.3%	52.9	52.8	-0.1	-0.2%
55.6%	52.8	52.8	0.0	0.0%
56.8%	52.7	52.7	0.0	0.0%
58.0%	52.7	52.7	0.0	0.0%
59.3%	52.7	52.7	0.0	0.0%
60.5%	52.6	52.7	0.1	0.2%
61.7%	52.6	52.6	0.0	0.0%
63.0%	52.6	52.6	0.0	0.0%
64.2%	52.5	52.5	0.0	0.0%
65.4%	52.5	52.5	0.0	0.0%
66.7%	52.4	52.4	0.0	0.0%
67.9%	52.3	52.4	0.1	0.2%
69.1%	52.3	52.3	0.0	0.0%
70.4%	52.1	52.3	0.2	0.4%
71.6%	52.0	52.3	0.3	0.6%
72.8%	52.0	52.2	0.2	0.4%
74.1%	52.0	52.0	0.0	0.0%
75.3%	52.0	51.9	-0.1	-0.2%
76.5%	51.9	51.9	0.0	0.0%
77.8%	51.8	51.9	0.1	0.2%
79.0%	51.8	51.9	0.1	0.2%
80.2%	51.8	51.9	0.1	0.2%
81.5%	51.8	51.8	0.0	0.0%
82.7%	51.7	51.8	0.1	0.2%
84.0%	51.7	51.7	0.0	0.0%
85.2%	51.2	51.3	0.1	0.2%
86.4%	51.2	51.2	0.0	0.0%
87.7%	51.2	51.2	0.0	0.0%
88.9%	51.1	51.1	0.0	0.0%
90.1%	51.0	51.0	0.0	0.0%
91.4%	50.8	51.0	0.2	0.4%
92.6%	50.8	50.8	0.0	0.0%
93.8%	50.6	50.8	0.2	0.4%
95.1%	50.6	50.7	0.1	0.2%
96.3%	50.2	50.0	-0.2	-0.4%
97.5%	49.9	49.9	0.0	0.0%
98.8%	48.5	48.2	-0.3	-0.6%
100.0%	48.5	48.2	-0.3	-0.6%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.4	50.4	0.0	0.0%
1.2%	48.7	48.8	0.1	0.2%
2.5%	48.6	48.7	0.1	0.2%
3.7%	48.5	48.4	-0.1	-0.2%
4.9%	48.3	48.3	0.0	0.0%
6.2%	48.3	48.3	0.0	0.0%
7.4%	48.3	48.3	0.0	0.0%
8.6%	48.3	48.2	-0.1	-0.2%
9.9%	48.1	48.1	0.0	0.0%
11.1%	47.8	47.8	0.0	0.0%
12.3%	47.6	47.8	0.2	0.4%
13.6%	47.6	47.7	0.1	0.2%
14.8%	47.5	47.7	0.2	0.4%
16.0%	47.5	47.7	0.2	0.4%
17.3%	47.5	47.6	0.1	0.2%
18.5%	47.5	47.5	0.0	0.0%
19.8%	47.5	47.5	0.0	0.0%
21.0%	47.5	47.5	0.0	0.0%
22.2%	47.4	47.5	0.1	0.2%
23.5%	47.4	47.3	-0.1	-0.2%
24.7%	47.3	47.3	0.0	0.0%
25.9%	47.3	47.3	0.0	0.0%
27.2%	47.2	47.2	0.0	0.0%
28.4%	47.0	47.2	0.2	0.4%
29.6%	46.9	47.1	0.2	0.4%
30.9%	46.8	46.9	0.1	0.2%
32.1%	46.8	46.9	0.1	0.2%
33.3%	46.7	46.8	0.1	0.2%
34.6%	46.7	46.7	0.0	0.0%
35.8%	46.7	46.7	0.0	0.0%
37.0%	46.6	46.6	0.0	0.0%
38.3%	46.5	46.5	0.0	0.0%
39.5%	46.4	46.5	0.1	0.2%
40.7%	46.4	46.4	0.0	0.0%
42.0%	46.2	46.3	0.1	0.2%
43.2%	46.2	46.2	0.0	0.0%
44.4%	46.1	46.2	0.1	0.2%
45.7%	46.1	46.0	-0.1	-0.2%
46.9%	46.0	46.0	0.0	0.0%
48.1%	46.0	46.0	0.0	0.0%
49.4%	45.9	45.9	0.0	0.0%
50.6%	45.9	45.9	0.0	0.0%
51.9%	45.8	45.9	0.1	0.2%
53.1%	45.7	45.8	0.1	0.2%
54.3%	45.7	45.8	0.1	0.2%
55.6%	45.6	45.8	0.2	0.4%
56.8%	45.6	45.7	0.1	0.2%
58.0%	45.6	45.7	0.1	0.2%
59.3%	45.6	45.7	0.1	0.2%
60.5%	45.6	45.7	0.1	0.2%
61.7%	45.5	45.6	0.1	0.2%
63.0%	45.5	45.6	0.1	0.2%
64.2%	45.5	45.6	0.1	0.2%
65.4%	45.4	45.6	0.2	0.4%
66.7%	45.3	45.5	0.2	0.4%
67.9%	45.3	45.3	0.0	0.0%
69.1%	45.3	45.2	-0.1	-0.2%
70.4%	45.2	45.2	0.0	0.0%
71.6%	45.1	45.0	-0.1	-0.2%
72.8%	44.9	45.0	0.1	0.2%
74.1%	44.9	44.9	0.0	0.0%
75.3%	44.9	44.8	-0.1	-0.2%
76.5%	44.4	44.6	0.2	0.5%
77.8%	44.4	44.4	0.0	0.0%
79.0%	44.2	44.4	0.2	0.5%
80.2%	44.1	44.4	0.3	0.7%
81.5%	44.1	44.1	0.0	0.0%
82.7%	44.0	44.0	0.0	0.0%
84.0%	43.9	43.9	0.0	0.0%
85.2%	43.7	43.8	0.1	0.2%
86.4%	43.6	43.7	0.1	0.2%
87.7%	43.4	43.4	0.0	0.0%
88.9%	43.3	43.2	-0.1	-0.2%
90.1%	43.0	43.2	0.2	0.5%
91.4%	42.9	43.1	0.2	0.5%
92.6%	42.9	43.0	0.1	0.2%
93.8%	42.7	42.7	0.0	0.0%
95.1%	42.7	42.7	0.0	0.0%
96.3%	42.6	42.7	0.1	0.2%
97.5%	41.6	41.6	0.0	0.0%
98.8%	41.1	41.1	0.0	0.0%
100.0%	41.1	41.1	0.0	0.0%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.8	47.7	-0.1	-0.2%
1.2%	47.6	47.7	0.1	0.2%
2.5%	47.6	47.6	0.0	0.0%
3.7%	47.5	47.6	0.1	0.2%
4.9%	47.2	47.4	0.2	0.4%
6.2%	47.1	47.3	0.2	0.4%
7.4%	47.0	47.1	0.1	0.2%
8.6%	47.0	47.0	0.0	0.0%
9.9%	47.0	47.0	0.0	0.0%
11.1%	47.0	47.0	0.0	0.0%
12.3%	46.9	47.0	0.1	0.2%
13.6%	46.8	46.8	0.0	0.0%
14.8%	46.7	46.6	-0.1	-0.2%
16.0%	46.6	46.6	0.0	0.0%
17.3%	46.5	46.5	0.0	0.0%
18.5%	46.5	46.5	0.0	0.0%
19.8%	46.3	46.3	0.0	0.0%
21.0%	46.3	46.3	0.0	0.0%
22.2%	46.2	46.3	0.1	0.2%
23.5%	46.1	46.2	0.1	0.2%
24.7%	46.1	46.2	0.1	0.2%
25.9%	46.1	46.1	0.0	0.0%
27.2%	46.1	46.1	0.0	0.0%
28.4%	46.1	46.1	0.0	0.0%
29.6%	46.1	46.0	-0.1	-0.2%
30.9%	46.0	46.0	0.0	0.0%
32.1%	45.8	45.9	0.1	0.2%
33.3%	45.7	45.9	0.2	0.4%
34.6%	45.7	45.8	0.1	0.2%
35.8%	45.7	45.7	0.0	0.0%
37.0%	45.6	45.7	0.1	0.2%
38.3%	45.5	45.7	0.2	0.4%
39.5%	45.5	45.6	0.1	0.2%
40.7%	45.5	45.5	0.0	0.0%
42.0%	45.4	45.5	0.1	0.2%
43.2%	45.4	45.5	0.1	0.2%
44.4%	45.4	45.4	0.0	0.0%
45.7%	45.3	45.4	0.1	0.2%
46.9%	45.3	45.3	0.0	0.0%
48.1%	45.3	45.3	0.0	0.0%
49.4%	45.2	45.3	0.1	0.2%
50.6%	45.2	45.2	0.0	0.0%
51.9%	45.2	45.2	0.0	0.0%
53.1%	45.2	45.1	-0.1	-0.2%
54.3%	45.1	45.1	0.0	0.0%
55.6%	45.1	45.1	0.0	0.0%
56.8%	44.9	45.0	0.1	0.2%
58.0%	44.8	44.9	0.1	0.2%
59.3%	44.7	44.6	-0.1	-0.2%
60.5%	44.6	44.6	0.0	0.0%
61.7%	44.6	44.6	0.0	0.0%
63.0%	44.5	44.5	0.0	0.0%
64.2%	44.4	44.4	0.0	0.0%
65.4%	44.4	44.4	0.0	0.0%
66.7%	44.3	44.3	0.0	0.0%
67.9%	44.3	44.3	0.0	0.0%
69.1%	44.3	44.3	0.0	0.0%
70.4%	44.3	44.1	-0.2	-0.5%
71.6%	44.2	44.0	-0.2	-0.5%
72.8%	44.0	43.9	-0.1	-0.2%
74.1%	43.9	43.9	0.0	0.0%
75.3%	43.8	43.8	0.0	0.0%
76.5%	43.6	43.7	0.1	0.2%
77.8%	43.6	43.6	0.0	0.0%
79.0%	43.5	43.5	0.0	0.0%
80.2%	43.5	43.5	0.0	0.0%
81.5%	43.4	43.5	0.1	0.2%
82.7%	43.3	43.4	0.1	0.2%
84.0%	43.3	43.3	0.0	0.0%
85.2%	43.3	43.3	0.0	0.0%
86.4%	43.0	43.0	0.0	0.0%
87.7%	42.9	43.0	0.1	0.2%
88.9%	42.8	42.9	0.1	0.2%
90.1%	42.7	42.7	0.0	0.0%
91.4%	42.6	42.7	0.1	0.2%
92.6%	42.4	42.3	-0.1	-0.2%
93.8%	42.0	42.2	0.2	0.5%
95.1%	41.6	41.7	0.1	0.2%
96.3%	41.5	41.5	0.0	0.0%
97.5%	39.7	39.7	0.0	0.0%
98.8%	39.3	39.3	0.0	0.0%
100.0%	39.3	39.3	0.0	0.0%

Table SQ-12-7b

Sacramento River at American River, Monthly Temperature
Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.8	53.6	-0.2	-0.4%
1.2%	52.8	53.1	0.3	0.6%
2.5%	52.5	52.4	-0.1	-0.2%
3.7%	52.3	52.3	0.0	0.0%
4.9%	52.2	52.3	0.1	0.2%
6.2%	51.9	52.0	0.1	0.2%
7.4%	51.7	51.9	0.2	0.4%
8.6%	51.6	51.6	0.0	0.0%
9.9%	51.5	51.6	0.1	0.2%
11.1%	51.5	51.5	0.0	0.0%
12.3%	51.3	51.5	0.2	0.4%
13.6%	51.2	51.3	0.1	0.2%
14.8%	51.2	51.3	0.1	0.2%
16.0%	51.1	51.2	0.1	0.2%
17.3%	51.0	51.2	0.2	0.4%
18.5%	51.0	51.0	0.0	0.0%
19.8%	50.9	50.9	0.0	0.0%
21.0%	50.9	50.7	-0.2	-0.4%
22.2%	50.7	50.7	0.0	0.0%
23.5%	50.7	50.7	0.0	0.0%
24.7%	50.6	50.5	-0.1	-0.2%
25.9%	50.6	50.5	-0.1	-0.2%
27.2%	50.6	50.5	-0.1	-0.2%
28.4%	50.5	50.5	0.0	0.0%
29.6%	50.3	50.4	0.1	0.2%
30.9%	50.3	50.4	0.1	0.2%
32.1%	50.2	50.4	0.2	0.4%
33.3%	50.1	50.2	0.1	0.2%
34.6%	50.0	50.1	0.1	0.2%
35.8%	49.9	50.0	0.1	0.2%
37.0%	49.8	50.0	0.2	0.4%
38.3%	49.8	49.9	0.1	0.2%
39.5%	49.7	49.8	0.1	0.2%
40.7%	49.7	49.7	0.0	0.0%
42.0%	49.6	49.7	0.1	0.2%
43.2%	49.6	49.6	0.0	0.0%
44.4%	49.5	49.6	0.1	0.2%
45.7%	49.5	49.5	0.0	0.0%
46.9%	49.5	49.5	0.0	0.0%
48.1%	49.4	49.5	0.1	0.2%
49.4%	49.4	49.4	0.0	0.0%
50.6%	49.3	49.4	0.1	0.2%
51.9%	49.3	49.3	0.0	0.0%
53.1%	49.2	49.3	0.1	0.2%
54.3%	49.2	49.2	0.0	0.0%
55.6%	49.2	49.2	0.0	0.0%
56.8%	49.2	49.2	0.0	0.0%
58.0%	49.1	49.2	0.1	0.2%
59.3%	49.1	49.2	0.1	0.2%
60.5%	49.1	49.1	0.0	0.0%
61.7%	49.0	49.1	0.1	0.2%
63.0%	49.0	49.1	0.1	0.2%
64.2%	48.9	49.0	0.1	0.2%
65.4%	48.8	49.0	0.2	0.4%
66.7%	48.8	48.9	0.1	0.2%
67.9%	48.8	48.9	0.1	0.2%
69.1%	48.8	48.8	0.0	0.0%
70.4%	48.7	48.8	0.1	0.2%
71.6%	48.7	48.8	0.1	0.2%
72.8%	48.7	48.7	0.0	0.0%
74.1%	48.6	48.7	0.1	0.2%
75.3%	48.5	48.6	0.1	0.2%
76.5%	48.5	48.6	0.1	0.2%
77.8%	48.5	48.5	0.0	0.0%
79.0%	48.4	48.4	0.0	0.0%
80.2%	48.4	48.4	0.0	0.0%
81.5%	48.4	48.3	-0.1	-0.2%
82.7%	48.2	48.1	-0.1	-0.2%
84.0%	48.1	48.1	0.0	0.0%
85.2%	48.1	48.0	-0.1	-0.2%
86.4%	48.1	48.0	-0.1	-0.2%
87.7%	48.0	48.0	0.0	0.0%
88.9%	47.9	48.0	0.1	0.2%
90.1%	47.8	47.7	-0.1	-0.2%
91.4%	47.6	47.6	0.0	0.0%
92.6%	47.4	47.5	0.1	0.2%
93.8%	47.3	47.4	0.1	0.2%
95.1%	47.2	47.2	0.0	0.0%
96.3%	47.1	47.1	0.0	0.0%
97.5%	47.0	47.1	0.1	0.2%
98.8%	46.3	46.3	0.0	0.0%
100.0%	46.3	46.3	0.0	0.0%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.5	60.5	0.0	0.0%
1.2%	59.3	59.2	-0.1	-0.2%
2.5%	57.9	58.2	0.3	0.5%
3.7%	57.8	57.9	0.1	0.2%
4.9%	57.8	57.9	0.1	0.2%
6.2%	57.5	57.8	0.3	0.5%
7.4%	57.3	57.5	0.2	0.3%
8.6%	57.2	57.3	0.1	0.2%
9.9%	57.2	57.2	0.0	0.0%
11.1%	56.7	57.1	0.4	0.7%
12.3%	56.7	57.0	0.3	0.5%
13.6%	56.5	56.8	0.3	0.5%
14.8%	56.4	56.7	0.3	0.5%
16.0%	56.2	56.4	0.2	0.4%
17.3%	56.1	56.3	0.2	0.4%
18.5%	56.1	56.2	0.1	0.2%
19.8%	56.1	56.2	0.1	0.2%
21.0%	56.1	56.1	0.0	0.0%
22.2%	56.0	56.0	0.0	0.0%
23.5%	55.9	56.0	0.1	0.2%
24.7%	55.7	55.9	0.2	0.4%
25.9%	55.5	55.8	0.3	0.5%
27.2%	55.4	55.7	0.3	0.5%
28.4%	55.3	55.6	0.3	0.5%
29.6%	55.2	55.5	0.3	0.5%
30.9%	55.2	55.4	0.2	0.4%
32.1%	55.1	55.4	0.3	0.5%
33.3%	55.1	55.3	0.2	0.4%
34.6%	55.1	55.2	0.1	0.2%
35.8%	55.1	55.1	0.0	0.0%
37.0%	55.1	55.1	0.0	0.0%
38.3%	55.0	55.0	0.0	0.0%
39.5%	54.9	55.0	0.1	0.2%
40.7%	54.9	55.0	0.1	0.2%
42.0%	54.7	55.0	0.3	0.5%
43.2%	54.6	54.9	0.3	0.5%
44.4%	54.5	54.8	0.3	0.6%
45.7%	54.4	54.6	0.2	0.4%
46.9%	54.3	54.4	0.1	0.2%
48.1%	54.3	54.3	0.0	0.0%
49.4%	54.2	54.3	0.1	0.2%
50.6%	54.2	54.3	0.1	0.2%
51.9%	54.1	54.2	0.1	0.2%
53.1%	54.1	54.2	0.1	0.2%
54.3%	54.0	54.1	0.1	0.2%
55.6%	54.0	54.1	0.1	0.2%
56.8%	53.9	54.0	0.1	0.2%
58.0%	53.9	53.9	0.0	0.0%
59.3%	53.8	53.9	0.1	0.2%
60.5%	53.8	53.9	0.1	0.2%
61.7%	53.8	53.8	0.0	0.0%
63.0%	53.8	53.7	-0.1	-0.2%
64.2%	53.7	53.7	0.0	0.0%
65.4%	53.6	53.7	0.1	0.2%
66.7%	53.5	53.6	0.1	0.2%
67.9%	53.2	53.5	0.3	0.6%
69.1%	53.2	53.5	0.3	0.6%
70.4%	53.1	53.1	0.0	0.0%
71.6%	53.1	53.1	0.0	0.0%
72.8%	52.9	53.1	0.2	0.4%
74.1%	52.8	52.9	0.1	0.2%
75.3%	52.6	52.9	0.3	0.6%
76.5%	52.5	52.8	0.3	0.6%
77.8%	52.5	52.7	0.2	0.4%
79.0%	52.4	52.5	0.1	0.2%
80.2%	52.4	52.5	0.1	0.2%
81.5%	52.4	52.4	0.0	0.0%
82.7%	52.2	52.3	0.1	0.2%
84.0%	52.1	52.2	0.1	0.2%
85.2%	52.0	52.1	0.1	0.2%
86.4%	52.0	52.1	0.1	0.2%
87.7%	52.0	52.0	0.0	0.0%
88.9%	52.0	52.0	0.0	0.0%
90.1%	51.9	52.0	0.1	0.2%
91.4%	51.7	51.9	0.2	0.4%
92.6%	51.6	51.7	0.1	0.2%
93.8%	51.6	51.5	-0.1	-0.2%
95.1%	51.4	51.4	0.0	0.0%
96.3%	51.3	51.3	0.0	0.0%
97.5%	51.3	51.3	0.0	0.0%
98.8%	51.0	51.0	0.0	0.0%
100.0%	51.0	51.0	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.4	65.8	0.4	0.6%
1.2%	65.4	65.3	-0.1	-0.2%
2.5%	65.2	65.0	-0.2	-0.3%
3.7%	64.6	64.7	0.1	0.2%
4.9%	64.6	64.6	0.0	0.0%
6.2%	64.4	64.5	0.1	0.2%
7.4%	64.3	64.5	0.2	0.3%
8.6%	64.1	64.2	0.1	0.2%
9.9%	64.0	64.1	0.1	0.2%
11.1%	63.9	63.9	0.0	0.0%
12.3%	63.6	63.7	0.1	0.2%
13.6%	63.2	63.4	0.2	0.3%
14.8%	63.2	63.2	0.0	0.0%
16.0%	63.0	63.1	0.1	0.2%
17.3%	63.0	63.1	0.1	0.2%
18.5%	62.9	63.0	0.1	0.2%
19.8%	62.9	62.9	0.0	0.0%
21.0%	62.8	62.8	0.0	0.0%
22.2%	62.7	62.8	0.1	0.2%
23.5%	62.6	62.7	0.1	0.2%
24.7%	62.5	62.5	0.0	0.0%
25.9%	62.5	62.3	-0.2	-0.3%
27.2%	62.3	62.3	0.0	0.0%
28.4%	62.1	62.2	0.1	0.2%
29.6%	62.1	62.1	0.0	0.0%
30.9%	62.0	62.1	0.1	0.2%
32.1%	61.9	61.9	0.0	0.0%
33.3%	61.6	61.7	0.1	0.2%
34.6%	61.5	61.5	0.0	0.0%
35.8%	61.4	61.4	0.0	0.0%
37.0%	61.4	61.4	0.0	0.0%
38.3%	61.3	61.4	0.1	0.2%
39.5%	61.2	61.3	0.1	0.2%
40.7%	61.2	61.3	0.1	0.2%
42.0%	61.2	61.3	0.1	0.2%
43.2%	61.1	61.2	0.1	0.2%
44.4%	60.9	61.2	0.3	0.5%
45.7%	60.9	61.0	0.1	0.2%
46.9%	60.8	60.9	0.1	0.2%
48.1%	60.8	60.9	0.1	0.2%
49.4%	60.8	60.9	0.1	0.2%
50.6%	60.8	60.8	0.0	0.0%
51.9%	60.7	60.8	0.1	0.2%
53.1%	60.6	60.7	0.1	0.2%
54.3%	60.6	60.6	0.0	0.0%
55.6%	60.6	60.6	0.0	0.0%
56.8%	60.5	60.5	0.0	0.0%
58.0%	60.5	60.5	0.0	0.0%
59.3%	60.1	60.1	0.0	0.0%
60.5%	60.0	60.1	0.1	0.2%
61.7%	59.6	59.9	0.3	0.5%
63.0%	59.6	59.7	0.1	0.2%
64.2%	59.6	59.6	0.0	0.0%
65.4%	59.6	59.6	0.0	0.0%
66.7%	59.5	59.5	0.0	0.0%
67.9%	59.3	59.4	0.1	0.2%
69.1%	59.3	59.3	0.0	0.0%
70.4%	59.2	59.2	0.0	0.0%
71.6%	59.1	59.1	0.0	0.0%
72.8%	59.1	59.0	-0.1	-0.2%
74.1%	59.0	59.0	0.0	0.0%
75.3%	58.5	58.5	0.0	0.0%
76.5%	58.4	58.5	0.1	0.2%
77.8%	58.4	58.4	0.0	0.0%
79.0%	58.4	58.4	0.0	0.0%
80.2%	57.8	58.1	0.3	0.5%
81.5%	57.7	57.8	0.1	0.2%
82.7%	57.6	57.7	0.1	0.2%
84.0%	57.5	57.6	0.1	0.2%
85.2%	57.5	57.5	0.0	0.0%
86.4%	57.4	57.5	0.1	0.2%
87.7%	57.4	57.4	0.0	0.0%
88.9%	57.3	57.3	0.0	0.0%
90.1%	57.2	57.2	0.0	0.0%
91.4%	57.2	57.2	0.0	0.0%
92.6%	56.5	56.8	0.3	0.5%
93.8%	56.3	56.3	0.0	0.0%
95.1%	56.2	56.2	0.0	0.0%
96.3%	56.1	56.1	0.0	0.0%
97.5%	55.0	55.0	0.0	0.0%
98.8%	54.2	54.2	0.0	0.0%
100.0%	54.2	54.2	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.4	73.6	0.2	0.3%
1.2%	71.9	72.0	0.1	0.1%
2.5%	71.0	71.2	0.2	0.3%
3.7%	70.6	70.8	0.2	0.3%
4.9%	70.1	70.0	-0.1	-0.1%
6.2%	69.7	69.9	0.2	0.3%
7.4%	69.6	69.9	0.3	0.4%
8.6%	69.4	69.6	0.2	0.3%
9.9%	68.9	68.9	0.0	0.0%
11.1%	68.8	68.7	-0.1	-0.1%
12.3%	68.6	68.4	-0.2	-0.3%
13.6%	68.4	68.4	0.0	0.0%
14.8%	68.3	68.3	0.0	0.0%
16.0%	68.1	68.2	0.1	0.1%
17.3%	68.1	68.2	0.1	0.1%
18.5%	67.9	68.1	0.2	0.3%
19.8%	67.9	67.9	0.0	0.0%
21.0%	67.8	67.8	0.0	0.0%
22.2%	67.6	67.5	-0.1	-0.1%
23.5%	67.6	67.5	-0.1	-0.1%
24.7%	67.4	67.4	0.0	0.0%
25.9%	67.3	67.3	0.0	0.0%
27.2%	67.2	67.3	0.1	0.1%
28.4%	67.2	67.2	0.0	0.0%
29.6%	67.1	67.1	0.0	0.0%
30.9%	67.1	67.1	0.0	0.0%
32.1%	67.1	67.0	-0.1	-0.1%
33.3%	67.0	67.0	0.0	0.0%
34.6%	66.9	67.0	0.1	0.1%
35.8%	66.9	66.9	0.0	0.0%
37.0%	66.8	66.8	0.0	0.0%
38.3%	66.8	66.8	0.0	0.0%
39.5%	66.8	66.7	-0.1	-0.1%
40.7%	66.7	66.7	0.0	0.0%
42.0%	66.6	66.6	0.0	0.0%
43.2%	66.6	66.5	-0.1	-0.2%
44.4%	66.5	66.5	0.0	0.0%
45.7%	66.5	66.5	0.0	0.0%
46.9%	66.2	66.4	0.2	0.3%
48.1%	66.2	66.3	0.1	0.2%
49.4%	66.1	66.2	0.1	0.2%
50.6%	66.0	66.0	0.0	0.0%
51.9%	65.9	65.9	0.0	0.0%
53.1%	65.9	65.9	0.0	0.0%
54.3%	65.8	65.9	0.1	0.2%
55.6%	65.7	65.7	0.0	0.0%
56.8%	65.7	65.7	0.0	0.0%
58.0%	65.2	65.2	0.0	0.0%
59.3%	65.1	65.2	0.1	0.2%
60.5%	65.1	65.1	0.0	0.0%
61.7%	65.0	65.1	0.1	0.2%
63.0%	65.0	65.0	0.0	0.0%
64.2%	64.9	65.0	0.1	0.2%
65.4%	64.8	64.9	0.1	0.2%
66.7%	64.6	64.7	0.1	0.2%
67.9%	64.6	64.6	0.0	0.0%
69.1%	64.5	64.3	-0.2	-0.3%
70.4%	64.3	64.3	0.0	0.0%
71.6%	64.2	64.2	0.0	0.0%
72.8%	64.2	64.2	0.0	0.0%
74.1%	63.9	63.9	0.0	0.0%
75.3%	63.8	63.9	0.1	0.2%
76.5%	63.6	63.8	0.2	0.3%
77.8%	63.6	63.6	0.0	0.0%
79.0%	63.5	63.5	0.0	0.0%
80.2%	63.4	63.5	0.1	0.2%
81.5%	63.3	63.3	0.0	0.0%
82.7%	63.1	63.1	0.0	0.0%
84.0%	63.0	63.0	0.0	0.0%
85.2%	63.0	63.0	0.0	0.0%
86.4%	62.9	62.9	0.0	0.0%
87.7%	62.7	62.9	0.2	0.3%
88.9%	62.7	62.7	0.0	0.0%
90.1%	62.6	62.7	0.1	0.2%
91.4%	62.5	62.6	0.1	0.2%
92.6%	62.5	62.5	0.0	0.0%
93.8%	62.2	62.5	0.3	0.5%
95.1%	62.1	62.2	0.1	0.2%
96.3%	61.3	61.3	0.0	0.0%
97.5%	61.2	61.2	0.0	0.0%
98.8%	60.1	60.1	0.0	0.0%
100.0%	60.1	60.1	0.0	0.0%

Table SQ-12-7b

Sacramento River at American River, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	74.2	74.0	-0.2	-0.3%
1.2%	73.9	73.9	0.0	0.0%
2.5%	73.5	73.4	-0.1	-0.1%
3.7%	73.1	73.4	0.3	0.4%
4.9%	73.0	73.1	0.1	0.1%
6.2%	72.9	73.1	0.2	0.3%
7.4%	72.8	73.0	0.2	0.3%
8.6%	72.7	72.8	0.1	0.1%
9.9%	72.4	72.6	0.2	0.3%
11.1%	72.3	72.6	0.3	0.4%
12.3%	72.2	72.5	0.3	0.4%
13.6%	72.2	72.4	0.2	0.3%
14.8%	72.2	72.2	0.0	0.0%
16.0%	72.1	72.2	0.1	0.1%
17.3%	72.0	72.1	0.1	0.1%
18.5%	71.9	72.0	0.1	0.1%
19.8%	71.6	71.9	0.3	0.4%
21.0%	71.5	71.5	0.0	0.0%
22.2%	71.5	71.5	0.0	0.0%
23.5%	71.3	71.4	0.1	0.1%
24.7%	71.2	71.4	0.2	0.3%
25.9%	71.2	71.2	0.0	0.0%
27.2%	71.2	71.2	0.0	0.0%
28.4%	71.1	71.2	0.1	0.1%
29.6%	71.1	71.1	0.0	0.0%
30.9%	71.0	71.1	0.1	0.1%
32.1%	70.9	71.1	0.2	0.3%
33.3%	70.9	71.0	0.1	0.1%
34.6%	70.9	70.9	0.0	0.0%
35.8%	70.8	70.8	0.0	0.0%
37.0%	70.8	70.8	0.0	0.0%
38.3%	70.8	70.7	-0.1	-0.1%
39.5%	70.7	70.7	0.0	0.0%
40.7%	70.7	70.7	0.0	0.0%
42.0%	70.6	70.6	0.0	0.0%
43.2%	70.6	70.5	-0.1	-0.1%
44.4%	70.6	70.5	-0.1	-0.1%
45.7%	70.5	70.5	0.0	0.0%
46.9%	70.5	70.4	-0.1	-0.1%
48.1%	70.5	70.3	-0.2	-0.3%
49.4%	70.4	70.2	-0.2	-0.3%
50.6%	70.3	70.2	-0.1	-0.1%
51.9%	70.3	70.2	-0.1	-0.1%
53.1%	70.2	70.2	0.0	0.0%
54.3%	70.2	70.1	-0.1	-0.1%
55.6%	70.1	70.0	-0.1	-0.1%
56.8%	70.1	69.9	-0.2	-0.3%
58.0%	70.0	69.9	-0.1	-0.1%
59.3%	70.0	69.8	-0.2	-0.3%
60.5%	69.8	69.8	0.0	0.0%
61.7%	69.8	69.7	-0.1	-0.1%
63.0%	69.8	69.7	-0.1	-0.1%
64.2%	69.7	69.7	0.0	0.0%
65.4%	69.6	69.5	-0.1	-0.1%
66.7%	69.5	69.5	0.0	0.0%
67.9%	69.4	69.3	-0.1	-0.1%
69.1%	69.3	69.3	0.0	0.0%
70.4%	69.3	69.3	0.0	0.0%
71.6%	69.2	69.2	0.0	0.0%
72.8%	69.1	69.2	0.1	0.1%
74.1%	69.1	69.1	0.0	0.0%
75.3%	69.1	69.1	0.0	0.0%
76.5%	68.9	68.9	0.0	0.0%
77.8%	68.7	68.6	-0.1	-0.1%
79.0%	68.7	68.5	-0.2	-0.3%
80.2%	68.6	68.5	-0.1	-0.1%
81.5%	68.4	68.3	-0.1	-0.1%
82.7%	68.4	68.2	-0.2	-0.3%
84.0%	68.2	68.1	-0.1	-0.1%
85.2%	68.1	68.0	-0.1	-0.1%
86.4%	67.8	67.8	0.0	0.0%
87.7%	67.6	67.4	-0.2	-0.3%
88.9%	67.4	67.4	0.0	0.0%
90.1%	67.2	67.3	0.1	0.1%
91.4%	67.2	67.1	-0.1	-0.1%
92.6%	66.7	66.6	-0.1	-0.1%
93.8%	66.6	66.6	0.0	0.0%
95.1%	66.6	66.4	-0.2	-0.3%
96.3%	66.4	66.3	-0.1	-0.2%
97.5%	66.4	66.3	-0.1	-0.2%
98.8%	65.6	65.4	-0.2	-0.3%
100.0%	65.6	65.4	-0.2	-0.3%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	77.2	76.7	-0.5	-0.6%
1.2%	76.2	75.8	-0.4	-0.5%
2.5%	76.1	75.7	-0.4	-0.5%
3.7%	74.8	74.4	-0.4	-0.5%
4.9%	74.5	74.4	-0.1	-0.1%
6.2%	74.2	74.2	0.0	0.0%
7.4%	74.0	74.0	0.0	0.0%
8.6%	73.7	74.0	0.3	0.4%
9.9%	73.6	73.4	-0.2	-0.3%
11.1%	73.6	73.3	-0.3	-0.4%
12.3%	73.5	73.3	-0.2	-0.3%
13.6%	73.5	73.3	-0.2	-0.3%
14.8%	73.4	73.2	-0.2	-0.3%
16.0%	73.3	73.2	-0.1	-0.1%
17.3%	73.2	73.2	0.0	0.0%
18.5%	73.2	73.1	-0.1	-0.1%
19.8%	73.1	73.0	-0.1	-0.1%
21.0%	73.1	73.0	-0.1	-0.1%
22.2%	73.1	72.9	-0.2	-0.3%
23.5%	73.1	72.9	-0.2	-0.3%
24.7%	73.1	72.8	-0.3	-0.4%
25.9%	73.0	72.8	-0.2	-0.3%
27.2%	73.0	72.8	-0.2	-0.3%
28.4%	73.0	72.8	-0.2	-0.3%
29.6%	72.9	72.7	-0.2	-0.3%
30.9%	72.9	72.6	-0.3	-0.4%
32.1%	72.9	72.6	-0.3	-0.4%
33.3%	72.9	72.5	-0.4	-0.5%
34.6%	72.8	72.5	-0.3	-0.4%
35.8%	72.8	72.5	-0.3	-0.4%
37.0%	72.7	72.5	-0.2	-0.3%
38.3%	72.6	72.5	-0.1	-0.1%
39.5%	72.6	72.4	-0.2	-0.3%
40.7%	72.5	72.2	-0.3	-0.4%
42.0%	72.4	72.1	-0.3	-0.4%
43.2%	72.4	72.1	-0.3	-0.4%
44.4%	72.4	72.0	-0.4	-0.6%
45.7%	72.3	72.0	-0.3	-0.4%
46.9%	72.3	72.0	-0.3	-0.4%
48.1%	72.2	71.9	-0.3	-0.4%
49.4%	72.2	71.9	-0.3	-0.4%
50.6%	72.2	71.8	-0.4	-0.6%
51.9%	72.2	71.6	-0.6	-0.8%
53.1%	72.1	71.6	-0.5	-0.7%
54.3%	72.1	71.6	-0.5	-0.7%
55.6%	72.0	71.6	-0.4	-0.6%
56.8%	71.8	71.6	-0.2	-0.3%
58.0%	71.8	71.5	-0.3	-0.4%
59.3%	71.7	71.4	-0.3	-0.4%
60.5%	71.6	71.4	-0.2	-0.3%
61.7%	71.6	71.4	-0.2	-0.3%
63.0%	71.6	71.3	-0.3	-0.4%
64.2%	71.5	71.3	-0.2	-0.3%
65.4%	71.5	71.2	-0.3	-0.4%
66.7%	71.5	71.2	-0.3	-0.4%
67.9%	71.4	71.2	-0.2	-0.3%
69.1%	71.4	71.1	-0.3	-0.4%
70.4%	71.4	71.1	-0.3	-0.4%
71.6%	71.4	71.1	-0.3	-0.4%
72.8%	71.4	71.1	-0.3	-0.4%
74.1%	71.3	71.1	-0.2	-0.3%
75.3%	71.3	70.8	-0.5	-0.7%
76.5%	71.3	70.8	-0.5	-0.7%
77.8%	71.2	70.8	-0.4	-0.6%
79.0%	71.1	70.8	-0.3	-0.4%
80.2%	71.1	70.7	-0.4	-0.6%
81.5%	71.0	70.7	-0.3	-0.4%
82.7%	70.9	70.6	-0.3	-0.4%
84.0%	70.8	70.6	-0.2	-0.3%
85.2%	70.7	70.4	-0.3	-0.4%
86.4%	70.6	70.1	-0.5	-0.7%
87.7%	70.5	70.0	-0.5	-0.7%
88.9%	70.3	69.8	-0.5	-0.7%
90.1%	70.2	69.7	-0.5	-0.7%
91.4%	70.1	69.6	-0.5	-0.7%
92.6%	70.0	69.4	-0.6	-0.9%
93.8%	70.0	69.3	-0.7	-1.0%
95.1%	69.7	68.9	-0.8	-1.1%
96.3%	69.2	68.6	-0.6	-0.9%
97.5%	68.9	68.5	-0.4	-0.6%
98.8%	68.9	68.3	-0.6	-0.9%
100.0%	68.9	68.3	-0.6	-0.9%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	75.0	74.2	-0.8	-1.1%
1.2%	74.8	74.1	-0.7	-0.9%
2.5%	74.7	74.1	-0.6	-0.8%
3.7%	74.7	73.8	-0.9	-1.2%
4.9%	74.5	73.7	-0.8	-1.1%
6.2%	74.2	73.7	-0.5	-0.7%
7.4%	74.1	73.7	-0.4	-0.5%
8.6%	74.1	73.7	-0.4	-0.5%
9.9%	74.0	73.6	-0.4	-0.5%
11.1%	74.0	73.5	-0.5	-0.7%
12.3%	73.9	73.5	-0.4	-0.5%
13.6%	73.7	73.4	-0.3	-0.4%
14.8%	73.5	73.3	-0.2	-0.3%
16.0%	73.4	73.2	-0.2	-0.3%
17.3%	73.4	73.1	-0.3	-0.4%
18.5%	73.3	72.9	-0.4	-0.5%
19.8%	73.2	72.7	-0.5	-0.7%
21.0%	73.2	72.7	-0.5	-0.7%
22.2%	72.9	72.5	-0.4	-0.5%
23.5%	72.9	72.5	-0.4	-0.5%
24.7%	72.8	72.5	-0.3	-0.4%
25.9%	72.8	72.4	-0.4	-0.5%
27.2%	72.7	72.3	-0.4	-0.6%
28.4%	72.7	72.2	-0.5	-0.7%
29.6%	72.7	72.2	-0.5	-0.7%
30.9%	72.7	72.1	-0.6	-0.8%
32.1%	72.6	72.0	-0.6	-0.8%
33.3%	72.6	72.0	-0.6	-0.8%
34.6%	72.5	71.9	-0.6	-0.8%
35.8%	72.4	71.9	-0.5	-0.7%
37.0%	72.2	71.9	-0.3	-0.4%
38.3%	72.2	71.8	-0.4	-0.6%
39.5%	72.2	71.8	-0.4	-0.6%
40.7%	72.2	71.8	-0.4	-0.6%
42.0%	72.2	71.7	-0.5	-0.7%
43.2%	72.0	71.7	-0.3	-0.4%
44.4%	71.9	71.6	-0.3	-0.4%
45.7%	71.9	71.6	-0.3	-0.4%
46.9%	71.9	71.4	-0.5	-0.7%
48.1%	71.8	71.3	-0.5	-0.7%
49.4%	71.6	71.3	-0.3	-0.4%
50.6%	71.5	71.2	-0.3	-0.4%
51.9%	71.4	71.2	-0.2	-0.3%
53.1%	71.4	71.2	-0.2	-0.3%
54.3%	71.3	71.2	-0.1	-0.1%
55.6%	71.2	71.1	-0.1	-0.1%
56.8%	71.1	71.0	-0.1	-0.1%
58.0%	71.1	71.0	-0.1	-0.1%
59.3%	71.1	71.0	-0.1	-0.1%
60.5%	71.1	71.0	-0.1	-0.1%
61.7%	71.0	70.9	-0.1	-0.1%
63.0%	71.0	70.9	-0.1	-0.1%
64.2%	71.0	70.8	-0.2	-0.3%
65.4%	70.9	70.8	-0.1	-0.1%
66.7%	70.9	70.8	-0.1	-0.1%
67.9%	70.8	70.8	0.0	0.0%
69.1%	70.7	70.6	-0.1	-0.1%
70.4%	70.7	70.6	-0.1	-0.1%
71.6%	70.6	70.6	0.0	0.0%
72.8%	70.6	70.5	-0.1	-0.1%
74.1%	70.5	70.5	0.0	0.0%
75.3%	70.5	70.4	-0.1	-0.1%
76.5%	70.5	70.4	-0.1	-0.1%
77.8%	70.5	70.4	-0.1	-0.1%
79.0%	70.5	70.4	-0.1	-0.1%
80.2%	70.4	70.4	0.0	0.0%
81.5%	70.4	70.3	-0.1	-0.1%
82.7%	70.4	70.2	-0.2	-0.3%
84.0%	70.2	70.2	0.0	0.0%
85.2%	70.2	70.1	-0.1	-0.1%
86.4%	70.1	70.1	0.0	0.0%
87.7%	70.0	70.1	0.1	0.1%
88.9%	70.0	70.1	0.1	0.1%
90.1%	69.9	70.1	0.2	0.3%
91.4%	69.9	69.8	-0.1	-0.1%
92.6%	69.7	69.7	0.0	0.0%
93.8%	69.5	69.6	0.1	0.1%
95.1%	69.4	69.2	-0.2	-0.3%
96.3%	69.1	69.0	-0.1	-0.1%
97.5%	69.1	69.0	-0.1	-0.1%
98.8%	68.6	68.8	0.2	0.3%
100.0%	68.6	68.8	0.2	0.3%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.1	72.8	-0.3	-0.4%
1.2%	71.4	71.5	0.1	0.1%
2.5%	71.3	71.1	-0.2	-0.3%
3.7%	71.3	71.0	-0.3	-0.4%
4.9%	71.1	71.0	-0.1	-0.1%
6.2%	71.1	70.9	-0.2	-0.3%
7.4%	71.0	70.9	-0.1	-0.1%
8.6%	71.0	70.7	-0.3	-0.4%
9.9%	70.8	70.4	-0.4	-0.6%
11.1%	70.8	70.1	-0.7	-1.0%
12.3%	70.6	70.0	-0.6	-0.8%
13.6%	70.4	69.7	-0.7	-1.0%
14.8%	70.3	69.6	-0.7	-1.0%
16.0%	70.3	69.5	-0.8	-1.1%
17.3%	70.3	69.5	-0.8	-1.1%
18.5%	70.0	69.5	-0.5	-0.7%
19.8%	69.9	69.4	-0.5	-0.7%
21.0%	69.9	69.3	-0.6	-0.9%
22.2%	69.8	69.1	-0.7	-1.0%
23.5%	69.7	69.1	-0.6	-0.9%
24.7%	69.3	69.0	-0.3	-0.4%
25.9%	69.3	69.0	-0.3	-0.4%
27.2%	69.2	69.0	-0.2	-0.3%
28.4%	69.1	69.0	-0.1	-0.1%
29.6%	69.1	68.9	-0.2	-0.3%
30.9%	69.1	68.9	-0.2	-0.3%
32.1%	69.1	68.9	-0.2	-0.3%
33.3%	68.9	68.8	-0.1	-0.1%
34.6%	68.9	68.6	-0.3	-0.4%
35.8%	68.9	68.5	-0.4	-0.6%
37.0%	68.7	68.4	-0.3	-0.4%
38.3%	68.7	68.3	-0.4	-0.6%
39.5%	68.7	68.3	-0.4	-0.6%
40.7%	68.3	68.1	-0.2	-0.3%
42.0%	68.3	67.9	-0.4	-0.6%
43.2%	68.2	67.8	-0.4	-0.6%
44.4%	68.1	67.8	-0.3	-0.4%
45.7%	68.1	67.7	-0.4	-0.6%
46.9%	68.1	67.7	-0.4	-0.6%
48.1%	68.1	67.6	-0.5	-0.7%
49.4%	67.8	67.6	-0.2	-0.3%
50.6%	67.7	67.5	-0.2	-0.3%
51.9%	67.7	67.5	-0.2	-0.3%
53.1%	67.6	67.5	-0.1	-0.1%
54.3%	67.6	67.2	-0.4	-0.6%
55.6%	67.5	67.1	-0.4	-0.6%
56.8%	67.5	67.0	-0.5	-0.7%
58.0%	67.3	66.9	-0.4	-0.6%
59.3%	67.3	66.8	-0.5	-0.7%
60.5%	67.3	66.7	-0.6	-0.9%
61.7%	67.2	66.7	-0.5	-0.7%
63.0%	67.2	66.7	-0.5	-0.7%
64.2%	66.9	66.7	-0.2	-0.3%
65.4%	66.9	66.6	-0.3	-0.4%
66.7%	66.9	66.5	-0.4	-0.6%
67.9%	66.8	66.5	-0.3	-0.4%
69.1%	66.7	66.4	-0.3	-0.4%
70.4%	66.7	66.4	-0.3	-0.4%
71.6%	66.5	66.4	-0.1	-0.2%
72.8%	66.4	66.4	0.0	0.0%
74.1%	66.4	66.3	-0.1	-0.2%
75.3%	66.4	66.3	-0.1	-0.2%
76.5%	66.4	66.3	-0.1	-0.2%
77.8%	66.3	66.2	-0.1	-0.2%
79.0%	66.3	66.2	-0.1	-0.2%
80.2%	66.2	66.1	-0.1	-0.2%
81.5%	66.2	66.0	-0.2	-0.3%
82.7%	66.0	66.0	0.0	0.0%
84.0%	65.9	65.9	0.0	0.0%
85.2%	65.9	65.8	-0.1	-0.2%
86.4%	65.8	65.7	-0.1	-0.2%
87.7%	65.3	65.6	0.3	0.5%
88.9%	65.2	65.5	0.3	0.5%
90.1%	65.2	65.4	0.2	0.3%
91.4%	65.0	64.4	-0.6	-0.9%
92.6%	64.7	64.4	-0.3	-0.5%
93.8%	64.0	63.8	-0.2	-0.3%
95.1%	63.9	63.6	-0.3	-0.5%
96.3%	63.5	63.3	-0.2	-0.3%
97.5%	63.0	63.0	0.0	0.0%
98.8%	62.7	62.6	-0.1	-0.2%
100.0%	62.7	62.6	-0.1	-0.2%

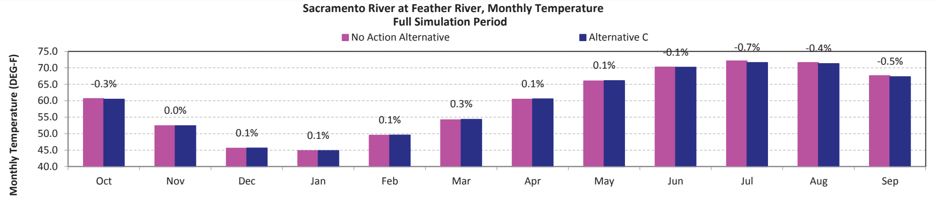
Table SQ-13-7a
Sacramento River at Feather River, Monthly Temperature
Long-term Average and Average by Water Year Type

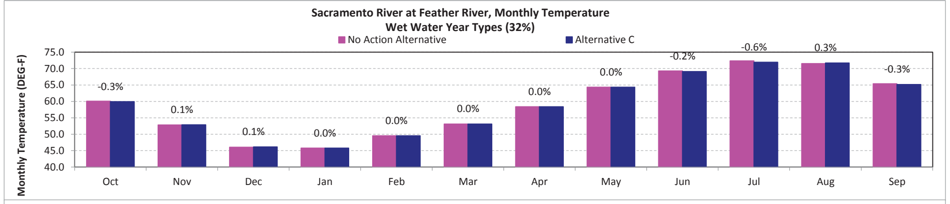
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	60.6	52.4	45.6	44.8	49.5	54.2	60.5	66.0	70.3	72.1	71.6	67.6
Alternative C	60.5	52.4	45.6	44.9	49.5	54.4	60.6	66.1	70.2	71.6	71.3	67.3
Difference	-0.2	0.0	0.1	0.0	0.0	0.1	0.1	0.1	-0.1	-0.5	-0.3	-0.3
Percent Difference[3]	-0.3%	0.0%	0.1%	0.1%	0.1%	0.3%	0.1%	0.1%	-0.1%	-0.7%	-0.4%	-0.5%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	60.1	52.9	46.1	45.8	49.5	53.1	58.4	64.3	69.3	72.4	71.5	65.4
Alternative C	59.9	52.9	46.1	45.8	49.5	53.1	58.4	64.4	69.1	71.9	71.7	65.2
Difference	-0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.2	-0.4	0.2	-0.2
Percent Difference	-0.3%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.6%	0.3%	-0.3%
Above Normal (15%)												
No Action Alternative	60.1	51.4	45.4	44.9	49.3	53.8	60.4	66.4	70.5	71.2	70.6	66.5
Alternative C	59.9	51.4	45.4	44.9	49.4	53.9	60.5	66.4	70.5	70.5	70.6	66.4
Difference	-0.3	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	-0.7	0.0	-0.1
Percent Difference	-0.5%	0.1%	0.0%	0.1%	0.2%	0.2%	0.1%	0.1%	0.0%	-1.0%	0.0%	-0.1%
Below Normal (17%)												
No Action Alternative	60.5	52.3	45.6	44.2	48.9	54.3	61.0	66.4	70.5	72.2	71.6	69.2
Alternative C	60.3	52.4	45.6	44.2	48.9	54.6	61.0	66.4	70.5	71.4	71.5	68.9
Difference	-0.2	0.1	0.0	0.0	0.0	0.2	0.0	0.1	0.1	-0.7	-0.1	-0.4
Percent Difference	-0.4%	0.1%	0.1%	0.0%	0.1%	0.4%	0.1%	0.1%	0.1%	-1.0%	-0.2%	-0.5%
Dry (22%)												
No Action Alternative	60.8	52.4	45.5	44.0	49.4	54.9	61.8	67.0	71.3	71.7	71.1	68.8
Alternative C	60.7	52.4	45.6	44.0	49.4	55.2	62.0	67.1	71.2	71.2	70.5	68.3
Difference	-0.1	0.0	0.1	0.0	0.0	0.3	0.2	0.1	-0.1	-0.5	-0.6	-0.6
Percent Difference	-0.1%	0.0%	0.1%	0.1%	0.0%	0.5%	0.4%	0.2%	-0.1%	-0.7%	-0.9%	-0.8%
Critical (15%)												
No Action Alternative	62.3	52.4	44.6	44.5	50.4	55.5	62.5	67.3	70.2	73.2	73.1	69.7
Alternative C	62.3	52.3	44.7	44.6	50.4	55.7	62.6	67.4	70.1	72.8	71.9	69.5
Difference	0.0	-0.1	0.1	0.1	0.1	0.2	0.1	0.1	-0.2	-0.3	-1.1	-0.2
Percent Difference	-0.1%	-0.1%	0.1%	0.2%	0.1%	0.4%	0.2%	0.1%	-0.2%	-0.5%	-1.6%	-0.3%

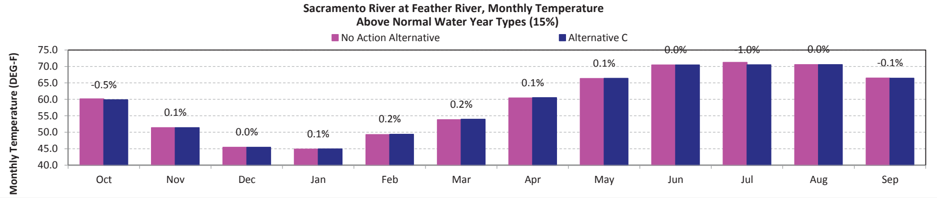
1 Based on the 82-year simulation period

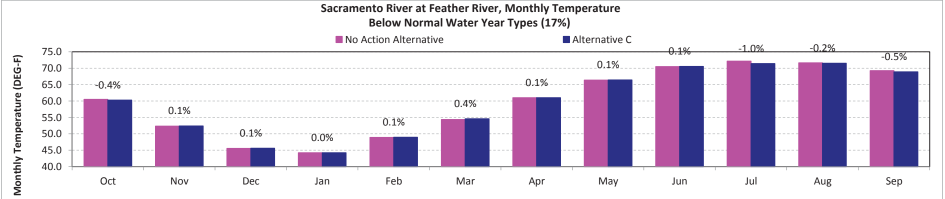
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

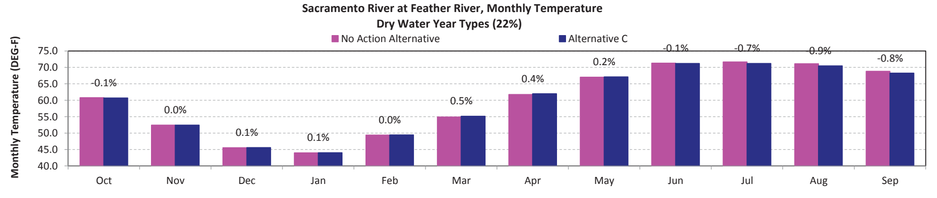
3 Relative difference of the monthly average











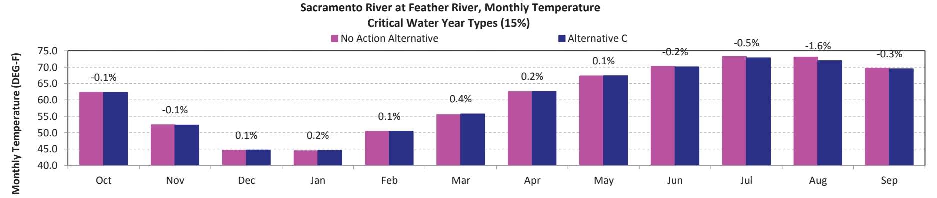


Figure SQ-13-7b
Sacramento River at Feather River, Monthly Temperature
Probability of Exceedance

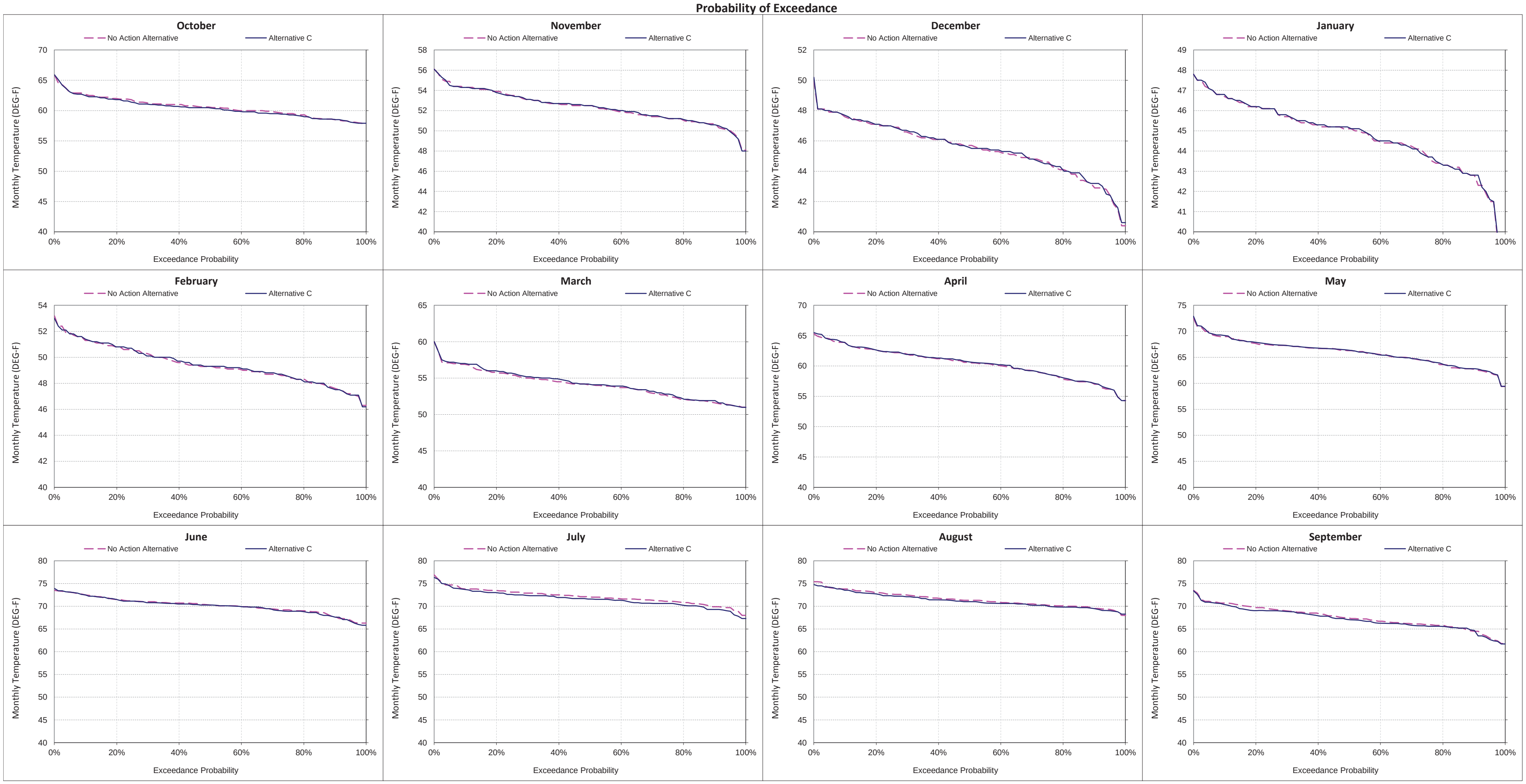


Table SQ-13-7b

Sacramento River at Feather River, Monthly Temperature
Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.9	65.9	0.0	0.0%
1.2%	64.6	65.1	0.5	0.8%
2.5%	64.3	64.2	-0.1	-0.2%
3.7%	63.7	63.7	0.0	0.0%
4.9%	63.0	63.1	0.1	0.2%
6.2%	62.9	62.8	-0.1	-0.2%
7.4%	62.9	62.7	-0.2	-0.3%
8.6%	62.9	62.7	-0.2	-0.3%
9.9%	62.7	62.5	-0.2	-0.3%
11.1%	62.5	62.3	-0.2	-0.3%
12.3%	62.5	62.3	-0.2	-0.3%
13.6%	62.3	62.3	0.0	0.0%
14.8%	62.2	62.1	-0.1	-0.2%
16.0%	62.2	62.1	-0.1	-0.2%
17.3%	62.2	61.9	-0.3	-0.5%
18.5%	62.0	61.9	-0.1	-0.2%
19.8%	62.0	61.8	-0.2	-0.3%
21.0%	61.9	61.8	-0.1	-0.2%
22.2%	61.9	61.6	-0.3	-0.5%
23.5%	61.9	61.6	-0.3	-0.5%
24.7%	61.8	61.4	-0.4	-0.6%
25.9%	61.5	61.3	-0.2	-0.3%
27.2%	61.4	61.1	-0.3	-0.5%
28.4%	61.4	61.1	-0.3	-0.5%
29.6%	61.3	61.1	-0.2	-0.3%
30.9%	61.1	61.0	-0.1	-0.2%
32.1%	61.1	61.0	-0.1	-0.2%
33.3%	61.1	60.9	-0.2	-0.3%
34.6%	61.1	60.9	-0.2	-0.3%
35.8%	61.0	60.8	-0.2	-0.3%
37.0%	61.0	60.8	-0.2	-0.3%
38.3%	61.0	60.7	-0.3	-0.5%
39.5%	61.0	60.7	-0.3	-0.5%
40.7%	61.0	60.6	-0.4	-0.7%
42.0%	60.8	60.6	-0.2	-0.3%
43.2%	60.8	60.5	-0.3	-0.5%
44.4%	60.8	60.5	-0.3	-0.5%
45.7%	60.7	60.5	-0.2	-0.3%
46.9%	60.6	60.5	-0.1	-0.2%
48.1%	60.6	60.5	-0.1	-0.2%
49.4%	60.6	60.5	-0.1	-0.2%
50.6%	60.5	60.4	-0.1	-0.2%
51.9%	60.5	60.3	-0.2	-0.3%
53.1%	60.5	60.3	-0.2	-0.3%
54.3%	60.4	60.1	-0.3	-0.5%
55.6%	60.4	60.1	-0.3	-0.5%
56.8%	60.2	60.0	-0.2	-0.3%
58.0%	60.1	59.9	-0.2	-0.3%
59.3%	60.0	59.9	-0.1	-0.2%
60.5%	60.0	59.8	-0.2	-0.3%
61.7%	60.0	59.8	-0.2	-0.3%
63.0%	60.0	59.8	-0.2	-0.3%
64.2%	60.0	59.8	-0.2	-0.3%
65.4%	60.0	59.6	-0.4	-0.7%
66.7%	60.0	59.6	-0.4	-0.7%
67.9%	59.9	59.6	-0.3	-0.5%
69.1%	59.9	59.5	-0.4	-0.7%
70.4%	59.8	59.5	-0.3	-0.5%
71.6%	59.7	59.5	-0.2	-0.3%
72.8%	59.6	59.4	-0.2	-0.3%
74.1%	59.5	59.4	-0.1	-0.2%
75.3%	59.5	59.3	-0.2	-0.3%
76.5%	59.5	59.3	-0.2	-0.3%
77.8%	59.3	59.2	-0.1	-0.2%
79.0%	59.3	59.1	-0.2	-0.3%
80.2%	59.3	59.0	-0.3	-0.5%
81.5%	58.9	59.0	0.1	0.2%
82.7%	58.8	58.7	-0.1	-0.2%
84.0%	58.7	58.7	0.0	0.0%
85.2%	58.7	58.6	-0.1	-0.2%
86.4%	58.6	58.6	0.0	0.0%
87.7%	58.6	58.6	0.0	0.0%
88.9%	58.6	58.6	0.0	0.0%
90.1%	58.5	58.5	0.0	0.0%
91.4%	58.4	58.5	0.1	0.2%
92.6%	58.3	58.4	0.1	0.2%
93.8%	58.3	58.3	0.0	0.0%
95.1%	58.1	58.1	0.0	0.0%
96.3%	58.1	58.0	-0.1	-0.2%
97.5%	58.0	57.9	-0.1	-0.2%
98.8%	57.9	57.9	0.0	0.0%
100.0%	57.9	57.9	0.0	0.0%

November				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.1	56.1	0.0	0.0%
1.2%	55.7	55.7	0.0	0.0%
2.5%	55.1	55.3	0.2	0.4%
3.7%	54.9	55.0	0.1	0.2%
4.9%	54.9	54.5	-0.4	-0.7%
6.2%	54.4	54.4	0.0	0.0%
7.4%	54.4	54.4	0.0	0.0%
8.6%	54.4	54.3	-0.1	-0.2%
9.9%	54.3	54.3	0.0	0.0%
11.1%	54.3	54.3	0.0	0.0%
12.3%	54.3	54.2	-0.1	-0.2%
13.6%	54.1	54.2	0.1	0.2%
14.8%	54.1	54.2	0.1	0.2%
16.0%	54.1	54.2	0.1	0.2%
17.3%	54.1	54.1	0.0	0.0%
18.5%	53.9	54.0	0.1	0.2%
19.8%	53.9	53.8	-0.1	-0.2%
21.0%	53.9	53.7	-0.2	-0.4%
22.2%	53.7	53.6	-0.1	-0.2%
23.5%	53.6	53.5	-0.1	-0.2%
24.7%	53.5	53.5	0.0	0.0%
25.9%	53.5	53.4	-0.1	-0.2%
27.2%	53.4	53.4	0.0	0.0%
28.4%	53.2	53.3	0.1	0.2%
29.6%	53.1	53.1	0.0	0.0%
30.9%	53.1	53.1	0.0	0.0%
32.1%	53.0	53.0	0.0	0.0%
33.3%	53.0	53.0	0.0	0.0%
34.6%	52.9	52.8	-0.1	-0.2%
35.8%	52.8	52.8	0.0	0.0%
37.0%	52.7	52.8	0.1	0.2%
38.3%	52.7	52.7	0.0	0.0%
39.5%	52.7	52.7	0.0	0.0%
40.7%	52.6	52.7	0.1	0.2%
42.0%	52.6	52.7	0.1	0.2%
43.2%	52.6	52.7	0.1	0.2%
44.4%	52.5	52.6	0.1	0.2%
45.7%	52.5	52.6	0.1	0.2%
46.9%	52.5	52.6	0.1	0.2%
48.1%	52.5	52.5	0.0	0.0%
49.4%	52.5	52.5	0.0	0.0%
50.6%	52.5	52.5	0.0	0.0%
51.9%	52.3	52.4	0.1	0.2%
53.1%	52.2	52.3	0.1	0.2%
54.3%	52.2	52.3	0.1	0.2%
55.6%	52.1	52.2	0.1	0.2%
56.8%	52.1	52.1	0.0	0.0%
58.0%	52.0	52.1	0.1	0.2%
59.3%	51.9	52.0	0.1	0.2%
60.5%	51.9	52.0	0.1	0.2%
61.7%	51.8	51.9	0.1	0.2%
63.0%	51.8	51.9	0.1	0.2%
64.2%	51.7	51.9	0.2	0.4%
65.4%	51.6	51.8	0.2	0.4%
66.7%	51.6	51.6	0.0	0.0%
67.9%	51.5	51.6	0.1	0.2%
69.1%	51.4	51.5	0.1	0.2%
70.4%	51.4	51.5	0.1	0.2%
71.6%	51.4	51.5	0.1	0.2%
72.8%	51.4	51.4	0.0	0.0%
74.1%	51.3	51.3	0.0	0.0%
75.3%	51.2	51.2	0.0	0.0%
76.5%	51.2	51.2	0.0	0.0%
77.8%	51.2	51.2	0.0	0.0%
79.0%	51.2	51.2	0.0	0.0%
80.2%	51.0	51.1	0.1	0.2%
81.5%	50.9	51.0	0.1	0.2%
82.7%	50.9	51.0	0.1	0.2%
84.0%	50.9	50.9	0.0	0.0%
85.2%	50.8	50.8	0.0	0.0%
86.4%	50.8	50.8	0.0	0.0%
87.7%	50.7	50.7	0.0	0.0%
88.9%	50.7	50.6	-0.1	-0.2%
90.1%	50.7	50.6	-0.1	-0.2%
91.4%	50.3	50.5	0.2	0.4%
92.6%	50.2	50.3	0.1	0.2%
93.8%	50.1	50.2	0.1	0.2%
95.1%	50.0	49.9	-0.1	-0.2%
96.3%	49.7	49.6	-0.1	-0.2%
97.5%	49.3	49.2	-0.1	-0.2%
98.8%	48.1	48.0	-0.1	-0.2%
100.0%	48.1	48.0	-0.1	-0.2%

December				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.0	50.2	0.2	0.4%
1.2%	48.1	48.1	0.0	0.0%
2.5%	48.1	48.1	0.0	0.0%
3.7%	48.1	48.0	-0.1	-0.2%
4.9%	47.9	48.0	0.1	0.2%
6.2%	47.9	47.9	0.0	0.0%
7.4%	47.9	47.9	0.0	0.0%
8.6%	47.8	47.8	0.0	0.0%
9.9%	47.6	47.7	0.1	0.2%
11.1%	47.5	47.6	0.1	0.2%
12.3%	47.5	47.4	-0.1	-0.2%
13.6%	47.4	47.4	0.0	0.0%
14.8%	47.3	47.4	0.1	0.2%
16.0%	47.3	47.3	0.0	0.0%
17.3%	47.2	47.3	0.1	0.2%
18.5%	47.1	47.2	0.1	0.2%
19.8%	47.1	47.1	0.0	0.0%
21.0%	47.0	47.1	0.1	0.2%
22.2%	47.0	47.0	0.0	0.0%
23.5%	47.0	47.0	0.0	0.0%
24.7%	47.0	47.0	0.0	0.0%
25.9%	46.9	46.9	0.0	0.0%
27.2%	46.9	46.8	-0.1	-0.2%
28.4%	46.6	46.7	0.1	0.2%
29.6%	46.6	46.7	0.1	0.2%
30.9%	46.5	46.6	0.1	0.2%
32.1%	46.4	46.6	0.2	0.4%
33.3%	46.3	46.5	0.2	0.4%
34.6%	46.2	46.3	0.1	0.2%
35.8%	46.2	46.3	0.1	0.2%
37.0%	46.2	46.2	0.0	0.0%
38.3%	46.1	46.2	0.1	0.2%
39.5%	46.1	46.1	0.0	0.0%
40.7%	46.1	46.1	0.0	0.0%
42.0%	46.1	46.1	0.0	0.0%
43.2%	45.9	45.9	0.0	0.0%
44.4%	45.9	45.8	-0.1	-0.2%
45.7%	45.8	45.8	0.0	0.0%
46.9%	45.8	45.7	-0.1	-0.2%
48.1%	45.7	45.7	0.0	0.0%
49.4%	45.7	45.6	-0.1	-0.2%
50.6%	45.7	45.5	-0.2	-0.4%
51.9%	45.6	45.5	-0.1	-0.2%
53.1%	45.5	45.5	0.0	0.0%
54.3%	45.4	45.5	0.1	0.2%
55.6%	45.4	45.5	0.1	0.2%
56.8%	45.3	45.4	0.1	0.2%
58.0%	45.3	45.4	0.1	0.2%
59.3%	45.3	45.4	0.1	0.2%
60.5%	45.2	45.3	0.1	0.2%
61.7%	45.2	45.3	0.1	0.2%
63.0%	45.1	45.3	0.2	0.4%
64.2%	45.1	45.2	0.1	0.2%
65.4%	45.0	45.2	0.2	0.4%
66.7%	44.9	45.2	0.3	0.7%
67.9%	44.9	45.0	0.1	0.2%
69.1%	44.9	44.8	-0.1	-0.2%
70.4%	44.8	44.8	0.0	0.0%
71.6%	44.8	44.7	-0.1	-0.2%
72.8%	44.7	44.6	-0.1	-0.2%
74.1%	44.6	44.5	-0.1	-0.2%
75.3%	44.6	44.5	-0.1	-0.2%
76.5%	44.3	44.4	0.1	0.2%
77.8%	44.2	44.3	0.1	0.2%
79.0%	44.1	44.3	0.2	0.5%
80.2%	44.1	44.0	-0.1	-0.2%
81.5%	44.0	44.0	0.0	0.0%
82.7%	43.8	43.9	0.1	0.2%
84.0%	43.8	43.9	0.1	0.2%
85.2%	43.4	43.9	0.5	1.2%
86.4%	43.4	43.6	0.2	0.5%
87.7%	43.3	43.3	0.0	0.0%
88.9%	43.2	43.2	0.0	0.0%
90.1%	42.9	43.2	0.3	0.7%
91.4%	42.9	43.2	0.3	0.7%
92.6%	42.9	43.0	0.1	0.2%
93.8%	42.8	42.5	-0.3	-0.7%
95.1%	42.4	42.4	0.0	0.0%
96.3%	41.8	41.9	0.1	0.2%
97.5%	41.5	41.6	0.1	0.2%
98.8%	40.4	40.6	0.2	0.5%
100.0%	40.4	40.6	0.2	0.5%

January				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.8	47.8	0.0	0.0%
1.2%	47.5	47.5	0.0	0.0%
2.5%	47.5	47.5	0.0	0.0%
3.7%	47.2	47.4	0.2	0.4%
4.9%	47.1	47.1	0.0	0.0%
6.2%	47.0	47.0	0.0	0.0%
7.4%	46.8	46.8	0.0	0.0%
8.6%	46.8	46.8	0.0	0.0%
9.9%	46.7	46.8	0.1	0.2%
11.1%	46.6	46.6	0.0	0.0%
12.3%	46.6	46.6	0.0	0.0%
13.6%	46.5	46.5	0.0	0.0%
14.8%	46.4	46.5	0.1	0.2%
16.0%	46.4	46.4	0.0	0.0%
17.3%	46.2	46.3	0.1	0.2%
18.5%	46.2	46.2	0.0	0.0%
19.8%	46.2	46.2	0.0	0.0%
21.0%	46.1	46.2	0.1	0.2%
22.2%	46.1	46.1	0.0	0.0%
23.5%	46.1	46.1	0.0	0.0%
24.7%	46.1	46.1	0.0	0.0%
25.9%	46.1	46.1	0.0	0.0%
27.2%	45.8	45.8	0.0	0.0%
28.4%	45.7	45.8	0.1	0.2%
29.6%	45.7	45.8	0.1	0.2%
30.9%	45.7	45.7	0.0	0.0%
32.1%	45.5	45.6	0.1	0.2%
33.3%	45.5	45.5	0.0	0.0%
34.6%	45.4	45.5	0.1	0.2%
35.8%	45.4	45.5	0.1	0.2%
37.0%	45.4	45.4	0.0	0.0%
38.3%	45.3	45.4	0.1	0.2%
39.5%	45.3	45.3	0.0	0.0%
40.7%	45.2	45.3	0.1	0.2%
42.0%	45.2	45.3	0.1	0.2%
43.2%	45.2	45.2	0.0	0.0%
44.4%	45.2	45.2	0.0	0.0%
45.7%	45.2	45.2	0.0	0.0%
46.9%	45.2	45.2	0.0	0.0%
48.1%	45.1	45.2	0.1	0.2%
49.4%	45.1	45.2	0.1	0.2%
50.6%	45.1	45.1	0.0	0.0%
51.9%	45.0	45.1	0.1	0.2%
53.1%	45.0	45.1	0.1	0.2%
54.3%	44.9	45.0	0.1	0.2%
55.6%	44.9	44.9	0.0	0.0%
56.8%	44.7	44.8	0.1	0.2%
58.0%	44.5	44.6	0.1	0.2%
59.3%	44.5	44.5	0.0	0.0%
60.5%	44.4	44.5	0.1	0.2%
61.7%	44.4	44.5	0.1	0.2%
63.0%	44.4	44.5	0.1	0.2%
64.2%	44.4	44.4	0.0	0.0%
65.4%	44.4	44.4	0.0	0.0%
66.7%	44.4	44.3	-0.1	-0.2%
67.9%	44.3	44.3	0.0	0.0%
69.1%	44.3	44.2	-0.1	-0.2%
70.4%	44.2	44.1	-0.1	-0.2%
71.6%	44.1	44.1	0.0	0.0%
72.8%	44.1	43.9	-0.2	-0.5%
74.1%	43.9	43.8	-0.1	-0.2%
75.3%	43.7	43.7	0.0	0.0%
76.5%	43.5	43.7	0.2	0.5%
77.8%	43.4	43.5	0.1	0.2%
79.0%	43.4	43.4	0.0	0.0%
80.2%	43.3	43.3	0.0	0.0%
81.5%	43.3	43.3	0.0	0.0%
82.7%	43.2	43.2	0.0	0.0%
84.0%	43.2	43.1	-0.1	-0.2%
85.2%	43.2	43.1	-0.1	-0.2%
86.4%	42.9	42.9	0.0	0.0%
87.7%	42.9	42.9	0.0	0.0%
88.9%	42.8	42.8	0.0	0.0%
90.1%	42.8	42.8	0.0	0.0%
91.4%	42.3	42.8	0.5	1.2%
92.6%	42.3	42.2	-0.1	-0.2%
93.8%	41.9	42.0	0.1	0.2%
95.1%	41.5	41.6	0.1	0.2%
96.3%	41.5	41.5	0.0	0.0%
97.5%	39.7	39.8	0.1	0.3%
98.8%	39.0	39.0	0.0	0.0%
100.0%	39.0	39.0	0.0	0.0%

Table SQ-13-7b

Sacramento River at Feather River, Monthly Temperature
Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.2	53.0	-0.2	-0.4%
1.2%	52.4	52.4	0.0	0.0%
2.5%	52.4	52.1	-0.3	-0.6%
3.7%	51.9	52.1	0.2	0.4%
4.9%	51.9	51.8	-0.1	-0.2%
6.2%	51.7	51.8	0.1	0.2%
7.4%	51.6	51.6	0.0	0.0%
8.6%	51.6	51.6	0.0	0.0%
9.9%	51.3	51.4	0.1	0.2%
11.1%	51.3	51.3	0.0	0.0%
12.3%	51.2	51.2	0.0	0.0%
13.6%	51.1	51.2	0.1	0.2%
14.8%	51.1	51.1	0.0	0.0%
16.0%	51.0	51.1	0.1	0.2%
17.3%	50.9	51.1	0.2	0.4%
18.5%	50.9	51.0	0.1	0.2%
19.8%	50.8	50.8	0.0	0.0%
21.0%	50.8	50.8	0.0	0.0%
22.2%	50.6	50.8	0.2	0.4%
23.5%	50.6	50.7	0.1	0.2%
24.7%	50.6	50.7	0.1	0.2%
25.9%	50.5	50.5	0.0	0.0%
27.2%	50.5	50.3	-0.2	-0.4%
28.4%	50.3	50.3	0.0	0.0%
29.6%	50.3	50.1	-0.2	-0.4%
30.9%	50.2	50.1	-0.1	-0.2%
32.1%	50.0	50.0	0.0	0.0%
33.3%	50.0	50.0	0.0	0.0%
34.6%	50.0	50.0	0.0	0.0%
35.8%	49.9	50.0	0.1	0.2%
37.0%	49.8	50.0	0.2	0.4%
38.3%	49.7	49.9	0.2	0.4%
39.5%	49.6	49.7	0.1	0.2%
40.7%	49.6	49.7	0.1	0.2%
42.0%	49.5	49.6	0.1	0.2%
43.2%	49.4	49.6	0.2	0.4%
44.4%	49.4	49.4	0.0	0.0%
45.7%	49.4	49.4	0.0	0.0%
46.9%	49.3	49.4	0.1	0.2%
48.1%	49.3	49.3	0.0	0.0%
49.4%	49.3	49.3	0.0	0.0%
50.6%	49.3	49.3	0.0	0.0%
51.9%	49.2	49.3	0.1	0.2%
53.1%	49.2	49.3	0.1	0.2%
54.3%	49.2	49.3	0.1	0.2%
55.6%	49.1	49.2	0.1	0.2%
56.8%	49.1	49.2	0.1	0.2%
58.0%	49.1	49.2	0.1	0.2%
59.3%	49.1	49.2	0.1	0.2%
60.5%	49.0	49.1	0.1	0.2%
61.7%	49.0	49.1	0.1	0.2%
63.0%	48.9	49.0	0.1	0.2%
64.2%	48.9	48.9	0.0	0.0%
65.4%	48.9	48.9	0.0	0.0%
66.7%	48.8	48.9	0.1	0.2%
67.9%	48.7	48.8	0.1	0.2%
69.1%	48.7	48.8	0.1	0.2%
70.4%	48.7	48.8	0.1	0.2%
71.6%	48.7	48.7	0.0	0.0%
72.8%	48.6	48.7	0.1	0.2%
74.1%	48.6	48.6	0.0	0.0%
75.3%	48.4	48.5	0.1	0.2%
76.5%	48.4	48.4	0.0	0.0%
77.8%	48.3	48.3	0.0	0.0%
79.0%	48.3	48.3	0.0	0.0%
80.2%	48.3	48.1	-0.2	-0.4%
81.5%	48.1	48.1	0.0	0.0%
82.7%	48.0	48.1	0.1	0.2%
84.0%	48.0	48.0	0.0	0.0%
85.2%	48.0	48.0	0.0	0.0%
86.4%	47.9	48.0	0.1	0.2%
87.7%	47.8	47.7	-0.1	-0.2%
88.9%	47.7	47.6	-0.1	-0.2%
90.1%	47.6	47.5	-0.1	-0.2%
91.4%	47.5	47.5	0.0	0.0%
92.6%	47.4	47.4	0.0	0.0%
93.8%	47.2	47.2	0.0	0.0%
95.1%	47.2	47.1	-0.1	-0.2%
96.3%	47.1	47.1	0.0	0.0%
97.5%	47.0	47.1	0.1	0.2%
98.8%	46.3	46.2	-0.1	-0.2%
100.0%	46.3	46.2	-0.1	-0.2%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.0	60.0	0.0	0.0%
1.2%	58.8	58.8	0.0	0.0%
2.5%	57.2	57.5	0.3	0.5%
3.7%	57.1	57.3	0.2	0.4%
4.9%	57.1	57.2	0.1	0.2%
6.2%	57.0	57.2	0.2	0.4%
7.4%	57.0	57.1	0.1	0.2%
8.6%	56.9	57.0	0.1	0.2%
9.9%	56.9	57.0	0.1	0.2%
11.1%	56.8	56.9	0.1	0.2%
12.3%	56.5	56.9	0.4	0.7%
13.6%	56.2	56.9	0.7	1.2%
14.8%	56.1	56.5	0.4	0.7%
16.0%	56.0	56.2	0.2	0.4%
17.3%	56.0	56.0	0.0	0.0%
18.5%	55.8	56.0	0.2	0.4%
19.8%	55.8	56.0	0.2	0.4%
21.0%	55.7	55.9	0.2	0.4%
22.2%	55.7	55.9	0.2	0.4%
23.5%	55.6	55.7	0.1	0.2%
24.7%	55.4	55.7	0.3	0.5%
25.9%	55.4	55.6	0.2	0.4%
27.2%	55.2	55.4	0.2	0.4%
28.4%	55.1	55.3	0.2	0.4%
29.6%	55.0	55.2	0.2	0.4%
30.9%	55.0	55.2	0.2	0.4%
32.1%	54.9	55.1	0.2	0.4%
33.3%	54.9	55.1	0.2	0.4%
34.6%	54.8	55.0	0.2	0.4%
35.8%	54.8	55.0	0.2	0.4%
37.0%	54.7	55.0	0.3	0.5%
38.3%	54.6	54.9	0.3	0.5%
39.5%	54.5	54.9	0.4	0.7%
40.7%	54.5	54.8	0.3	0.6%
42.0%	54.4	54.7	0.3	0.6%
43.2%	54.3	54.6	0.3	0.6%
44.4%	54.2	54.3	0.1	0.2%
45.7%	54.2	54.3	0.1	0.2%
46.9%	54.2	54.2	0.0	0.0%
48.1%	54.2	54.2	0.0	0.0%
49.4%	54.1	54.2	0.1	0.2%
50.6%	54.1	54.1	0.0	0.0%
51.9%	54.0	54.1	0.1	0.2%
53.1%	54.0	54.1	0.1	0.2%
54.3%	53.9	54.1	0.2	0.4%
55.6%	53.9	54.0	0.1	0.2%
56.8%	53.9	53.9	0.0	0.0%
58.0%	53.8	53.9	0.1	0.2%
59.3%	53.7	53.9	0.2	0.4%
60.5%	53.7	53.9	0.2	0.4%
61.7%	53.7	53.8	0.1	0.2%
63.0%	53.7	53.6	-0.1	-0.2%
64.2%	53.5	53.5	0.0	0.0%
65.4%	53.4	53.4	0.0	0.0%
66.7%	53.4	53.4	0.0	0.0%
67.9%	53.2	53.4	0.2	0.4%
69.1%	53.0	53.2	0.2	0.4%
70.4%	52.9	53.2	0.3	0.6%
71.6%	52.9	53.0	0.1	0.2%
72.8%	52.7	53.0	0.3	0.6%
74.1%	52.7	52.8	0.1	0.2%
75.3%	52.5	52.8	0.3	0.6%
76.5%	52.4	52.7	0.3	0.6%
77.8%	52.3	52.4	0.1	0.2%
79.0%	52.1	52.3	0.2	0.4%
80.2%	52.1	52.1	0.0	0.0%
81.5%	52.0	52.1	0.1	0.2%
82.7%	52.0	52.0	0.0	0.0%
84.0%	51.9	52.0	0.1	0.2%
85.2%	51.9	51.9	0.0	0.0%
86.4%	51.9	51.9	0.0	0.0%
87.7%	51.8	51.9	0.1	0.2%
88.9%	51.7	51.9	0.2	0.4%
90.1%	51.6	51.9	0.3	0.6%
91.4%	51.5	51.6	0.1	0.2%
92.6%	51.4	51.6	0.2	0.4%
93.8%	51.4	51.3	-0.1	-0.2%
95.1%	51.3	51.3	0.0	0.0%
96.3%	51.2	51.2	0.0	0.0%
97.5%	51.2	51.1	-0.1	-0.2%
98.8%	51.0	51.0	0.0	0.0%
100.0%	51.0	51.0	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.3	65.5	0.2	0.3%
1.2%	64.9	65.3	0.4	0.6%
2.5%	64.7	65.2	0.5	0.8%
3.7%	64.6	64.6	0.0	0.0%
4.9%	64.5	64.4	-0.1	-0.2%
6.2%	64.1	64.4	0.3	0.5%
7.4%	63.9	64.3	0.4	0.6%
8.6%	63.9	64.0	0.1	0.2%
9.9%	63.9	63.9	0.0	0.0%
11.1%	63.4	63.4	0.0	0.0%
12.3%	63.2	63.2	0.0	0.0%
13.6%	63.1	63.1	0.0	0.0%
14.8%	62.9	63.1	0.2	0.3%
16.0%	62.9	63.1	0.2	0.3%
17.3%	62.8	63.0	0.2	0.3%
18.5%	62.8	62.8	0.0	0.0%
19.8%	62.6	62.7	0.1	0.2%
21.0%	62.5	62.5	0.0	0.0%
22.2%	62.4	62.4	0.0	0.0%
23.5%	62.3	62.4	0.1	0.2%
24.7%	62.3	62.3	0.0	0.0%
25.9%	62.2	62.3	0.1	0.2%
27.2%	62.2	62.3	0.1	0.2%
28.4%	62.2	62.1	-0.1	-0.2%
29.6%	62.0	61.9	-0.1	-0.2%
30.9%	61.8	61.9	0.1	0.2%
32.1%	61.8	61.9	0.1	0.2%
33.3%	61.6	61.7	0.1	0.2%
34.6%	61.6	61.6	0.0	0.0%
35.8%	61.4	61.5	0.1	0.2%
37.0%	61.4	61.4	0.0	0.0%
38.3%	61.3	61.4	0.1	0.2%
39.5%	61.2	61.3	0.1	0.2%
40.7%	61.2	61.3	0.1	0.2%
42.0%	61.2	61.2	0.0	0.0%
43.2%	61.1	61.2	0.1	0.2%
44.4%	60.9	61.2	0.3	0.5%
45.7%	60.9	61.0	0.1	0.2%
46.9%	60.9	61.0	0.1	0.2%
48.1%	60.6	60.8	0.2	0.3%
49.4%	60.6	60.7	0.1	0.2%
50.6%	60.5	60.6	0.1	0.2%
51.9%	60.5	60.6	0.1	0.2%
53.1%	60.4	60.5	0.1	0.2%
54.3%	60.4	60.5	0.1	0.2%
55.6%	60.4	60.4	0.0	0.0%
56.8%	60.3	60.4	0.1	0.2%
58.0%	60.1	60.3	0.2	0.3%
59.3%	60.1	60.2	0.1	0.2%
60.5%	60.0	60.2	0.2	0.3%
61.7%	59.9	60.1	0.2	0.3%
63.0%	59.8	60.1	0.3	0.5%
64.2%	59.6	59.6	0.0	0.0%
65.4%	59.6	59.6	0.0	0.0%
66.7%	59.4	59.5	0.1	0.2%
67.9%	59.3	59.3	0.0	0.0%
69.1%	59.3	59.2	-0.1	-0.2%
70.4%	59.2	59.2	0.0	0.0%
71.6%	59.0	59.1	0.1	0.2%
72.8%	58.9	58.9	0.0	0.0%
74.1%	58.8	58.8	0.0	0.0%
75.3%	58.6	58.6	0.0	0.0%
76.5%	58.5	58.5	0.0	0.0%
77.8%	58.4	58.4	0.0	0.0%
79.0%	58.0	58.2	0.2	0.3%
80.2%	57.8	58.0	0.2	0.3%
81.5%	57.7	57.9	0.2	0.3%
82.7%	57.7	57.7	0.0	0.0%
84.0%	57.5	57.5	0.0	0.0%
85.2%	57.4	57.5	0.1	0.2%
86.4%	57.4	57.5	0.1	0.2%
87.7%	57.4	57.4	0.0	0.0%
88.9%	57.3	57.3	0.0	0.0%
90.1%	57.0	57.1	0.1	0.2%
91.4%	57.0	57.0	0.0	0.0%
92.6%	56.4	56.6	0.2	0.4%
93.8%	56.2	56.4	0.2	0.4%
95.1%	56.2	56.2	0.0	0.0%
96.3%	56.0	56.0	0.0	0.0%
97.5%	54.9	54.9	0.0	0.0%
98.8%	54.3	54.3	0.0	0.0%
100.0%	54.3	54.3	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	72.5	72.9	0.4	0.6%
1.2%	70.9	71.1	0.2	0.3%
2.5%	70.8	71.0	0.2	0.3%
3.7%	70.0	70.4	0.4	0.6%
4.9%	70.0	69.7	-0.3	-0.4%
6.2%	69.3	69.5	0.2	0.3%
7.4%	69.1	69.3	0.2	0.3%
8.6%	69.0	69.3	0.3	0.4%
9.9%	69.0	69.2	0.2	0.3%
11.1%	69.0	69.1	0.1	0.1%
12.3%	68.6	68.5	-0.1	-0.1%
13.6%	68.6	68.4	-0.2	-0.3%
14.8%	68.3	68.2	-0.1	-0.1%
16.0%	68.2	68.2	0.0	0.0%
17.3%	68.0	68.0	0.0	0.0%
18.5%	67.8	68.0	0.2	0.3%
19.8%	67.7	67.9	0.2	0.3%
21.0%	67.5	67.8	0.3	0.4%
22.2%	67.5	67.7	0.2	0.3%
23.5%	67.5	67.6	0.1	0.1%
24.7%	67.4	67.5	0.1	0.1%
25.9%	67.3	67.4	0.1	0.1%
27.2%	67.3	67.4	0.1	0.1%
28.4%	67.3	67.3	0.0	0.0%
29.6%	67.3	67.3	0.0	0.0%
30.9%	67.2	67.2	0.0	0.0%
32.1%	67.1	67.1	0.0	0.0%
33.3%	67.1	67.1	0.0	0.0%
34.6%	67.0	67.0	0.0	0.0%
35.8%	66.9	66.9	0.0	0.0%
37.0%	66.8	66.9	0.1	0.1%
38.3%	66.8	66.8	0.0	0.0%
39.5%	66.7	66.8	0.1	0.1%
40.7%	66.7	66.7	0.0	0.0%
42.0%	66.7	66.7	0.0	0.0%
43.2%	66.7	66.7	0.0	0.0%
44.4%	66.7	66.6	-0.1	-0.1%
45.7%	66.6	66.6	0.0	0.0%
46.9%	66.4	66.5	0.1	0.2%
48.1%	66.4	66.5	0.1	0.2%
49.4%	66.3	66.4	0.1	0.2%
50.6%	66.3	66.3	0.0	0.0%
51.9%	66.2	66.2	0.0	0.0%
53.1%	66.1	66.0	-0.1	-0.2%
54.3%	66.1	66.0	-0.1	-0.2%
55.6%	65.8	65.9	0.1	0.2%
56.8%	65.7	65.8	0.1	0.2%
58.0%	65.7	65.7	0.0	0.0%
59.3%	65.6	65.5	-0.1	-0.2%
60.5%	65.5	65.4	-0.1	-0.2%
61.7%	65.5	65.4	-0.1	-0.2%
63.0%	65.2	65.3	0.1	0.2%
64.2%	65.1	65.1	0.0	0.0%
65.4%	65.0	65.0	0.0	0.0%
66.7%	65.0	65.0	0.0	0.0%
67.9%	65.0	64.9	-0.1	-0.2%
69.1%	64.9	64.9	0.0	0.0%
70.4%	64.8	64.7	-0.1	-0.2%
71.6%	64.6	64.7	0.1	0.2%
72.8%	64.5	64.5	0.0	0.0%
74.1%	64.4	64.4	0.0	0.0%
75.3%	64.4	64.3	-0.1	-0.2%
76.5%	64.1	64.1	0.0	0.0%
77.8%	63.9	64.0	0.1	0.2%
79.0%	63.6	63.9	0.3	0.5%
80.2%	63.6	63.6	0.0	0.0%
81.5%	63.5	63.4	-0.1	-0.2%
82.7%	63.0	63.4	0.4	0.6%
84.0%	63.0	63.3	0.3	0.5%
85.2%	62.9	63.0	0.1	0.2%
86.4%	62.8	62.9	0.1	0.2%
87.7%	62.8	62.8	0.0	0.0%
88.9%	62.8	62.8	0.0	0.0%
90.1%	62.7	62.8	0.1	0.2%
91.4%	62.5	62.7	0.2	0.3%
92.6%	62.4	62.5	0.1	0.2%
93.8%	62.2	62.4	0.2	0.3%
95.1%	62.1	62.2	0.1	0.2%
96.3%	61.7	61.8	0.1	0.2%
97.5%	61.6	61.6	0.0	0.0%
98.8%	59.4	59.4	0.0	0.0%
100.0%	59.4	59.4	0.0	0.0%

Table SQ-13-7b

Sacramento River at Feather River, Monthly Temperature

Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.5	73.9	0.4	0.5%
1.2%	73.4	73.4	0.0	0.0%
2.5%	73.3	73.4	0.1	0.1%
3.7%	73.2	73.2	0.0	0.0%
4.9%	73.1	73.1	0.0	0.0%
6.2%	73.0	73.0	0.0	0.0%
7.4%	72.8	72.9	0.1	0.1%
8.6%	72.7	72.6	-0.1	-0.1%
9.9%	72.5	72.5	0.0	0.0%
11.1%	72.4	72.2	-0.2	-0.3%
12.3%	72.3	72.2	-0.1	-0.1%
13.6%	72.1	72.1	0.0	0.0%
14.8%	72.1	72.0	-0.1	-0.1%
16.0%	71.8	72.0	0.2	0.3%
17.3%	71.8	71.7	-0.1	-0.1%
18.5%	71.6	71.7	0.1	0.1%
19.8%	71.5	71.5	0.0	0.0%
21.0%	71.5	71.3	-0.2	-0.3%
22.2%	71.3	71.1	-0.2	-0.3%
23.5%	71.2	71.1	-0.1	-0.1%
24.7%	71.2	71.1	-0.1	-0.1%
25.9%	71.1	71.1	0.0	0.0%
27.2%	71.1	71.0	-0.1	-0.1%
28.4%	71.0	71.0	0.0	0.0%
29.6%	71.0	70.8	-0.2	-0.3%
30.9%	71.0	70.8	-0.2	-0.3%
32.1%	71.0	70.8	-0.2	-0.3%
33.3%	70.8	70.8	0.0	0.0%
34.6%	70.8	70.7	-0.1	-0.1%
35.8%	70.8	70.7	-0.1	-0.1%
37.0%	70.7	70.6	-0.1	-0.1%
38.3%	70.7	70.6	-0.1	-0.1%
39.5%	70.7	70.5	-0.2	-0.3%
40.7%	70.7	70.5	-0.2	-0.3%
42.0%	70.7	70.5	-0.2	-0.3%
43.2%	70.7	70.5	-0.2	-0.3%
44.4%	70.6	70.4	-0.2	-0.3%
45.7%	70.6	70.4	-0.2	-0.3%
46.9%	70.4	70.3	-0.1	-0.1%
48.1%	70.4	70.3	-0.1	-0.1%
49.4%	70.3	70.3	0.0	0.0%
50.6%	70.2	70.3	0.1	0.1%
51.9%	70.2	70.2	0.0	0.0%
53.1%	70.1	70.1	0.0	0.0%
54.3%	70.1	70.1	0.0	0.0%
55.6%	70.1	70.1	0.0	0.0%
56.8%	70.1	70.1	0.0	0.0%
58.0%	70.1	70.0	-0.1	-0.1%
59.3%	70.0	70.0	0.0	0.0%
60.5%	69.9	69.9	0.0	0.0%
61.7%	69.9	69.9	0.0	0.0%
63.0%	69.8	69.8	0.0	0.0%
64.2%	69.8	69.8	0.0	0.0%
65.4%	69.6	69.8	0.2	0.3%
66.7%	69.6	69.7	0.1	0.1%
67.9%	69.5	69.5	0.0	0.0%
69.1%	69.4	69.5	0.1	0.1%
70.4%	69.4	69.2	-0.2	-0.3%
71.6%	69.3	69.1	-0.2	-0.3%
72.8%	69.2	69.0	-0.2	-0.3%
74.1%	69.2	68.9	-0.3	-0.4%
75.3%	69.2	68.9	-0.3	-0.4%
76.5%	69.0	68.9	-0.1	-0.1%
77.8%	69.0	68.9	-0.1	-0.1%
79.0%	69.0	68.9	-0.1	-0.1%
80.2%	69.0	68.8	-0.2	-0.3%
81.5%	68.9	68.6	-0.3	-0.4%
82.7%	68.8	68.6	-0.2	-0.3%
84.0%	68.8	68.6	-0.2	-0.3%
85.2%	68.6	68.2	-0.4	-0.6%
86.4%	68.6	68.0	-0.6	-0.9%
87.7%	68.2	68.0	-0.2	-0.3%
88.9%	67.8	67.8	0.0	0.0%
90.1%	67.7	67.6	-0.1	-0.1%
91.4%	67.3	67.6	0.3	0.4%
92.6%	67.3	67.1	-0.2	-0.3%
93.8%	67.2	67.1	-0.1	-0.1%
95.1%	66.9	66.7	-0.2	-0.3%
96.3%	66.4	66.3	-0.1	-0.2%
97.5%	66.3	66.0	-0.3	-0.5%
98.8%	66.3	65.8	-0.5	-0.8%
100.0%	66.3	65.8	-0.5	-0.8%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	76.9	76.3	-0.6	-0.8%
1.2%	76.0	76.0	0.0	0.0%
2.5%	75.3	75.0	-0.3	-0.4%
3.7%	74.7	74.9	0.2	0.3%
4.9%	74.7	74.5	-0.2	-0.3%
6.2%	74.7	74.0	-0.7	-0.9%
7.4%	74.5	73.9	-0.6	-0.8%
8.6%	73.9	73.8	-0.1	-0.1%
9.9%	73.8	73.7	-0.1	-0.1%
11.1%	73.8	73.6	-0.2	-0.3%
12.3%	73.8	73.3	-0.5	-0.7%
13.6%	73.8	73.3	-0.5	-0.7%
14.8%	73.7	73.3	-0.4	-0.5%
16.0%	73.6	73.1	-0.5	-0.7%
17.3%	73.5	73.0	-0.5	-0.7%
18.5%	73.5	73.0	-0.5	-0.7%
19.8%	73.5	73.0	-0.5	-0.7%
21.0%	73.4	72.9	-0.5	-0.7%
22.2%	73.4	72.9	-0.5	-0.7%
23.5%	73.3	72.6	-0.7	-1.0%
24.7%	73.1	72.6	-0.5	-0.7%
25.9%	73.1	72.5	-0.6	-0.8%
27.2%	73.1	72.5	-0.6	-0.8%
28.4%	72.9	72.5	-0.4	-0.5%
29.6%	72.9	72.4	-0.5	-0.7%
30.9%	72.9	72.3	-0.6	-0.8%
32.1%	72.9	72.3	-0.6	-0.8%
33.3%	72.8	72.3	-0.5	-0.7%
34.6%	72.8	72.3	-0.5	-0.7%
35.8%	72.6	72.3	-0.3	-0.4%
37.0%	72.6	72.2	-0.4	-0.6%
38.3%	72.5	72.2	-0.3	-0.4%
39.5%	72.5	71.9	-0.6	-0.8%
40.7%	72.5	71.9	-0.6	-0.8%
42.0%	72.4	71.9	-0.5	-0.7%
43.2%	72.4	71.8	-0.6	-0.8%
44.4%	72.3	71.7	-0.6	-0.8%
45.7%	72.3	71.7	-0.6	-0.8%
46.9%	72.1	71.7	-0.4	-0.6%
48.1%	72.1	71.7	-0.4	-0.6%
49.4%	72.1	71.6	-0.5	-0.7%
50.6%	72.0	71.6	-0.4	-0.6%
51.9%	72.0	71.5	-0.5	-0.7%
53.1%	72.0	71.5	-0.5	-0.7%
54.3%	71.8	71.5	-0.3	-0.4%
55.6%	71.8	71.5	-0.3	-0.4%
56.8%	71.8	71.4	-0.4	-0.6%
58.0%	71.7	71.3	-0.4	-0.6%
59.3%	71.7	71.3	-0.4	-0.6%
60.5%	71.6	71.3	-0.3	-0.4%
61.7%	71.6	71.1	-0.5	-0.7%
63.0%	71.6	70.9	-0.7	-1.0%
64.2%	71.6	70.8	-0.8	-1.1%
65.4%	71.5	70.8	-0.7	-1.0%
66.7%	71.5	70.7	-0.8	-1.1%
67.9%	71.4	70.7	-0.7	-1.0%
69.1%	71.4	70.7	-0.7	-1.0%
70.4%	71.3	70.6	-0.7	-1.0%
71.6%	71.2	70.6	-0.6	-0.8%
72.8%	71.2	70.6	-0.6	-0.8%
74.1%	71.1	70.6	-0.5	-0.7%
75.3%	71.1	70.6	-0.5	-0.7%
76.5%	71.1	70.6	-0.5	-0.7%
77.8%	71.0	70.5	-0.5	-0.7%
79.0%	70.9	70.3	-0.6	-0.8%
80.2%	70.8	70.2	-0.6	-0.8%
81.5%	70.8	70.1	-0.7	-1.0%
82.7%	70.6	70.1	-0.5	-0.7%
84.0%	70.6	70.1	-0.5	-0.7%
85.2%	70.5	70.0	-0.5	-0.7%
86.4%	70.4	69.8	-0.6	-0.9%
87.7%	70.2	69.3	-0.9	-1.3%
88.9%	69.9	69.3	-0.6	-0.9%
90.1%	69.9	69.3	-0.6	-0.9%
91.4%	69.9	69.3	-0.6	-0.9%
92.6%	69.8	69.2	-0.6	-0.9%
93.8%	69.7	69.0	-0.7	-1.0%
95.1%	69.7	68.9	-0.8	-1.1%
96.3%	69.0	68.1	-0.9	-1.3%
97.5%	68.9	67.8	-1.1	-1.6%
98.8%	68.0	67.3	-0.7	-1.0%
100.0%	68.0	67.3	-0.7	-1.0%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	75.4	74.8	-0.6	-0.8%
1.2%	75.4	74.5	-0.9	-1.2%
2.5%	75.3	74.5	-0.8	-1.1%
3.7%	74.4	74.2	-0.2	-0.3%
4.9%	74.1	74.2	0.1	0.1%
6.2%	74.0	74.1	0.1	0.1%
7.4%	74.0	73.8	-0.2	-0.3%
8.6%	73.8	73.8	0.0	0.0%
9.9%	73.8	73.5	-0.3	-0.4%
11.1%	73.8	73.5	-0.3	-0.4%
12.3%	73.7	73.3	-0.4	-0.5%
13.6%	73.4	73.0	-0.4	-0.5%
14.8%	73.4	73.0	-0.4	-0.5%
16.0%	73.4	72.9	-0.5	-0.7%
17.3%	73.3	72.9	-0.4	-0.5%
18.5%	73.2	72.8	-0.4	-0.5%
19.8%	73.0	72.7	-0.3	-0.4%
21.0%	73.0	72.6	-0.4	-0.5%
22.2%	72.9	72.3	-0.6	-0.8%
23.5%	72.7	72.3	-0.4	-0.6%
24.7%	72.7	72.3	-0.4	-0.6%
25.9%	72.6	72.2	-0.4	-0.6%
27.2%	72.6	72.2	-0.4	-0.6%
28.4%	72.6	72.2	-0.4	-0.6%
29.6%	72.5	72.1	-0.4	-0.6%
30.9%	72.4	72.1	-0.3	-0.4%
32.1%	72.3	72.0	-0.3	-0.4%
33.3%	72.2	72.0	-0.2	-0.3%
34.6%	72.1	71.7	-0.4	-0.6%
35.8%	72.1	71.7	-0.4	-0.6%
37.0%	72.0	71.4	-0.6	-0.8%
38.3%	71.8	71.4	-0.4	-0.6%
39.5%	71.8	71.4	-0.4	-0.6%
40.7%	71.7	71.4	-0.3	-0.4%
42.0%	71.6	71.4	-0.2	-0.3%
43.2%	71.6	71.3	-0.3	-0.4%
44.4%	71.6	71.3	-0.3	-0.4%
45.7%	71.5	71.1	-0.4	-0.6%
46.9%	71.4	71.1	-0.3	-0.4%
48.1%	71.3	71.0	-0.3	-0.4%
49.4%	71.3	71.0	-0.3	-0.4%
50.6%	71.3	71.0	-0.3	-0.4%
51.9%	71.3	71.0	-0.3	-0.4%
53.1%	71.3	70.9	-0.4	-0.6%
54.3%	71.2	70.8	-0.4	-0.6%
55.6%	71.1	70.7	-0.4	-0.6%
56.8%	71.0	70.7	-0.3	-0.4%
58.0%	71.0	70.7	-0.3	-0.4%
59.3%	70.9	70.6	-0.3	-0.4%
60.5%	70.8	70.6	-0.2	-0.3%
61.7%	70.8	70.6	-0.2	-0.3%
63.0%	70.7	70.6	-0.1	-0.1%
64.2%	70.7	70.6	-0.1	-0.1%
65.4%	70.7	70.5	-0.2	-0.3%
66.7%	70.6	70.5	-0.1	-0.1%
67.9%	70.5	70.5	0.0	0.0%
69.1%	70.5	70.3	-0.2	-0.3%
70.4%	70.5	70.2	-0.3	-0.4%
71.6%	70.4	70.2	-0.2	-0.3%
72.8%	70.3	70.2	-0.1	-0.1%
74.1%	70.3	70.2	-0.1	-0.1%
75.3%	70.2	70.0	-0.2	-0.3%
76.5%	70.2	69.9	-0.3	-0.4%
77.8%	70.1	69.9	-0.2	-0.3%
79.0%	70.1	69.8	-0.3	-0.4%
80.2%	70.1	69.8	-0.3	-0.4%
81.5%	70.0	69.8	-0.2	-0.3%
82.7%	70.0	69.8	-0.2	-0.3%
84.0%	70.0	69.8	-0.2	-0.3%
85.2%	69.9	69.7	-0.2	-0.3%
86.4%	69.9	69.7	-0.2	-0.3%
87.7%	69.9	69.7	-0.2	-0.3%
88.9%	69.7	69.6	-0.1	-0.1%
90.1%	69.5	69.5	0.0	0.0%
91.4%	69.5	69.3	-0.2	-0.3%
92.6%	69.4	69.1	-0.3	-0.4%
93.8%	69.4	69.1	-0.3	-0.4%
95.1%	69.3	69.0	-0.3	-0.4%
96.3%	69.1	68.9	-0.2	-0.3%
97.5%	68.7	68.8	0.1	0.1%
98.8%	68.0	68.3	0.3	0.4%
100.0%	68.0	68.3	0.3	0.4%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.5	73.4	-0.1	-0.1%
1.2%	72.9	72.6	-0.3	-0.4%
2.5%	71.5	71.3	-0.2	-0.3%
3.7%	71.1	70.9	-0.2	-0.3%
4.9%	71.1	70.9	-0.2	-0.3%
6.2%	70.9	70.8	-0.1	-0.1%
7.4%	70.9	70.7	-0.2	-0.3%
8.6%	70.7	70.6	-0.1	-0.1%
9.9%	70.7	70.4	-0.3	-0.4%
11.1%	70.7	70.2	-0.5	-0.7%
12.3%	70.6	70.0	-0.6	-0.8%
13.6%	70.4	69.9	-0.5	-0.7%
14.8%	70.3	69.5	-0.8	-1.1%
16.0%	70.1	69.4	-0.7	-1.0%
17.3%	70.0	69.2	-0.8	-1.1%
18.5%	69.9	69.1	-0.8	-1.1%
19.8%	69.7	69.1	-0.6	-0.9%
21.0%	69.7	69.1	-0.6	-0.9%
22.2%	69.7	69.1	-0.6	-0.9%
23.5%	69.5	69.0	-0.5	-0.7%
24.7%	69.4	69.0	-0.4	-0.6%
25.9%	69.3	69.0	-0.3	-0.4%
27.2%	69.2	69.0	-0.2	-0.3%
28.4%	69.1	68.9	-0.2	-0.3%
29.6%	69.0	68.9	-0.1	-0.1%
30.9%	68.9	68.8	-0.1	-0.1%
32.1%	68.9	68.8	-0.1	-0.1%
33.3%	68.7	68.5	-0.2	-0.3%
34.6%	68.7	68.5	-0.2	-0.3%
35.8%	68.6	68.4	-0.2	-0.3%
37.0%	68.5	68.2	-0.3	-0.4%
38.3%	68.5	68.1	-0.4	-0.6%
39.5%	68.5	68.0	-0.5	-0.7%
40.7%	68.3	67.8	-0.5	-0.7%
42.0%	68.2	67.8	-0.4	-0.6%
43.2%	67.9	67.8	-0.1	-0.1%
44.4%	67.9	67.5	-0.4	-0.6%
45.7%	67.8	67.3	-0.5	-0.7%
46.9%	67.6	67.3	-0.3	-0.4%
48.1%	67.5	67.3	-0.2	-0.3%
49.4%	67.5	67.1	-0.4	-0.6%
50.6%	67.3	67.0	-0.3	-0.4%
51.9%	67.3	67.0	-0.3	-0.4%
53.1%	67.2	66.9	-0.3	-0.4%
54.3%	67.2	66.8	-0.4	-0.6%
55.6%	67.2	66.7	-0.5	-0.7%
56.8%	67.0	66.7	-0.3	-0.4%
58.0%	66.9	66.4	-0.5	-0.7%
59.3%	66.7	66.3	-0.4	-0.6%
60.5%	66.7	66.3	-0.4	-0.6%
61.7%	66.6	66.2	-0.4	-0.6%
63.0%	66.5	66.2	-0.3	-0.5%
64.2%	66.4	66.2	-0.2	-0.3%
65.4%	66.4	66.2	-0.2	-0.3%
66.7%	66.3	66.1	-0.2	-0.3%
67.9%	66.2	66.1	-0.1	-0.2%
69.1%	66.2	65.9	-0.3	-0.5%
70.4%	66.1	65.8	-0.3	-0.5%
71.6%	66.1	65.7	-0.4	-0.6%
72.8%	66.1	65.7	-0.4	-0.6%
74.1%	66.0	65.7	-0.3	-0.5%
75.3%	66.0	65.6	-0.4	-0.6%
76.5%	65.9	65.6	-0.3	-0.5%
77.8%	65.8	65.6	-0.2	-0.3%
79.0%	65.8	65.6	-0.2	-0.3%
80.2%	65.8	65.6	-0.2	-0.3%
81.5%	65.5	65.4	-0.1	-0.2%
82.7%	65.5	65.3	-0.2	-0.3%
84.0%	65.4	65.3	-0.1	-0.2%
85.2%	65.2	65.2	0.0	0.0%
86.4%	65.2	65.2	0.0	0.0%
87.7%	64.8	65.2	0.4	0.6%
88.9%	64.6	64.8	0.2	0.3%
90.1%	64.5	64.7	0.2	0.3%
91.4%	64.5	63.5	-1.0	-1.6%
92.6%	63.8	63.5	-0.3	-0.5%
93.8%	63.5	63.2	-0.3	-0.5%
95.1%	63.0	62.7	-0.3	-0.5%
96.3%	62.6	62.4	-0.2	-0.3%
97.5%	62.4	62.3	-0.1	-0.2%
98.8%	61.8	61.7	-0.1	-0.2%
100.0%	61.8	61.7	-0.1	-0.2%

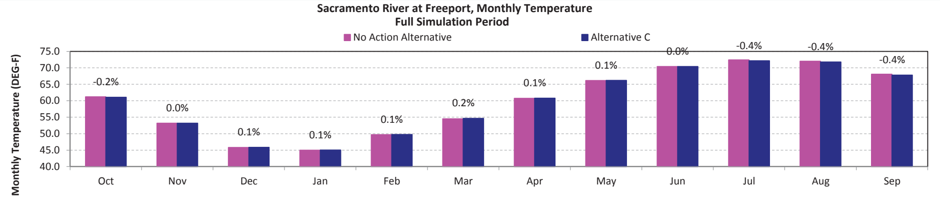
Table SQ-14-7a
Sacramento River at Freeport, Monthly Temperature
Long-term Average and Average by Water Year Type

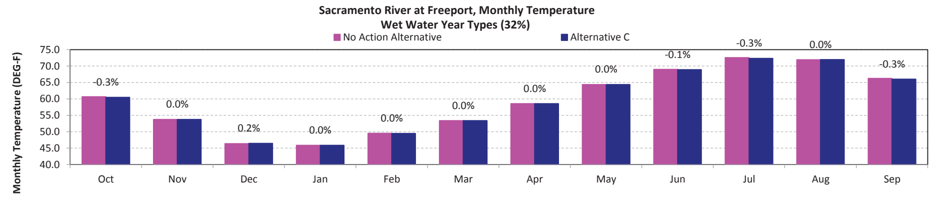
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	61.2	53.2	45.8	45.0	49.7	54.5	60.7	66.2	70.4	72.5	72.0	68.1
Alternative C	61.1	53.2	45.9	45.0	49.7	54.7	60.8	66.2	70.4	72.1	71.8	67.8
Difference	-0.2	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	-0.3	-0.3	-0.3
Percent Difference[3]	-0.2%	0.0%	0.1%	0.1%	0.1%	0.2%	0.1%	0.1%	0.0%	-0.4%	-0.4%	-0.4%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	60.7	53.8	46.4	45.9	49.5	53.4	58.6	64.4	69.0	72.6	72.0	66.2
Alternative C	60.5	53.8	46.5	45.9	49.5	53.4	58.6	64.4	68.9	72.3	72.0	66.0
Difference	-0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	0.0	-0.2
Percent Difference	-0.3%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.3%	0.0%	-0.3%
Above Normal (15%)												
No Action Alternative	60.5	52.1	45.6	45.1	49.5	54.1	60.6	66.4	70.6	71.5	71.1	67.1
Alternative C	60.3	52.0	45.7	45.2	49.6	54.2	60.6	66.4	70.7	71.0	71.0	67.0
Difference	-0.2	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	-0.5	0.0	0.0
Percent Difference	-0.4%	0.0%	0.1%	0.1%	0.2%	0.2%	0.1%	0.1%	0.1%	-0.7%	0.0%	-0.1%
Below Normal (17%)												
No Action Alternative	60.9	53.1	45.9	44.3	49.0	54.6	61.2	66.2	70.7	72.1	72.2	69.4
Alternative C	60.7	53.1	45.9	44.3	49.0	54.8	61.2	66.2	70.8	71.8	72.0	69.0
Difference	-0.2	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.1	-0.3	-0.1	-0.4
Percent Difference	-0.3%	0.0%	0.1%	0.1%	0.1%	0.3%	0.0%	0.0%	0.1%	-0.4%	-0.2%	-0.6%
Dry (22%)												
No Action Alternative	61.4	53.2	45.8	44.2	49.7	55.3	62.0	67.3	71.7	72.2	71.6	69.1
Alternative C	61.3	53.2	45.9	44.2	49.7	55.5	62.2	67.4	71.7	71.8	71.2	68.6
Difference	-0.1	0.0	0.1	0.0	0.0	0.2	0.2	0.1	0.0	-0.3	-0.5	-0.5
Percent Difference	-0.2%	-0.1%	0.1%	0.0%	0.1%	0.4%	0.3%	0.1%	0.0%	-0.5%	-0.6%	-0.7%
Critical (15%)												
No Action Alternative	63.0	52.9	44.7	44.8	51.0	56.1	62.9	67.7	70.9	73.9	73.4	70.0
Alternative C	63.0	53.0	44.8	44.8	51.1	56.2	62.9	67.8	70.9	73.6	72.5	69.7
Difference	-0.1	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	-0.3	-0.9	-0.2
Percent Difference	-0.1%	0.0%	0.1%	0.2%	0.2%	0.3%	0.0%	0.1%	-0.1%	-0.3%	-1.2%	-0.3%

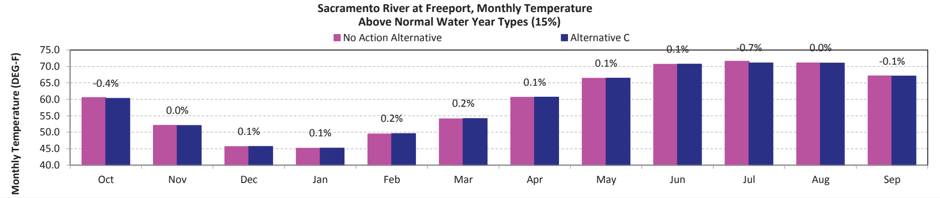
1 Based on the 82-year simulation period

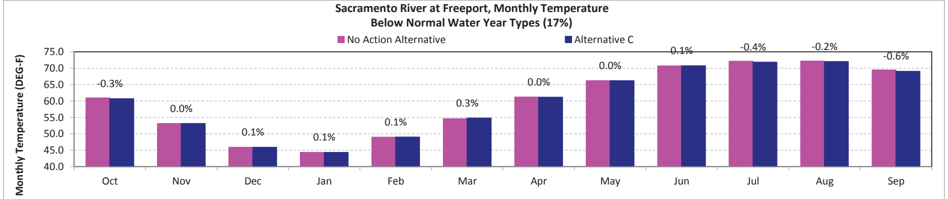
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

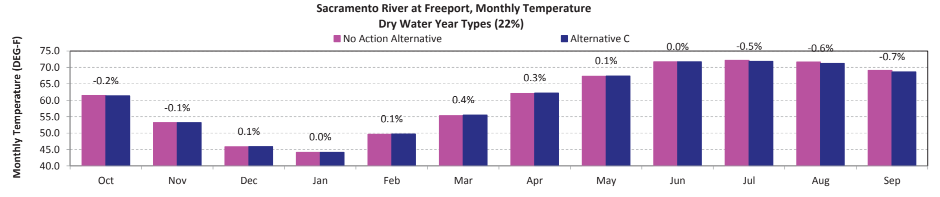
3 Relative difference of the monthly average


Sacramento River at Freeport, Monthly Temperature
Full Simulation Period


Sacramento River at Freeport, Monthly Temperature
Wet Water Year Types (32%)


Sacramento River at Freeport, Monthly Temperature
Above Normal Water Year Types (15%)


Sacramento River at Freeport, Monthly Temperature
Below Normal Water Year Types (17%)


Sacramento River at Freeport, Monthly Temperature
Dry Water Year Types (22%)

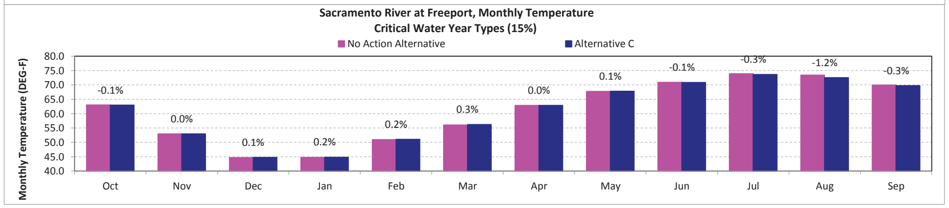

Sacramento River at Freeport, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-14-7b
Sacramento River at Freeport, Monthly Temperature
Probability of Exceedance

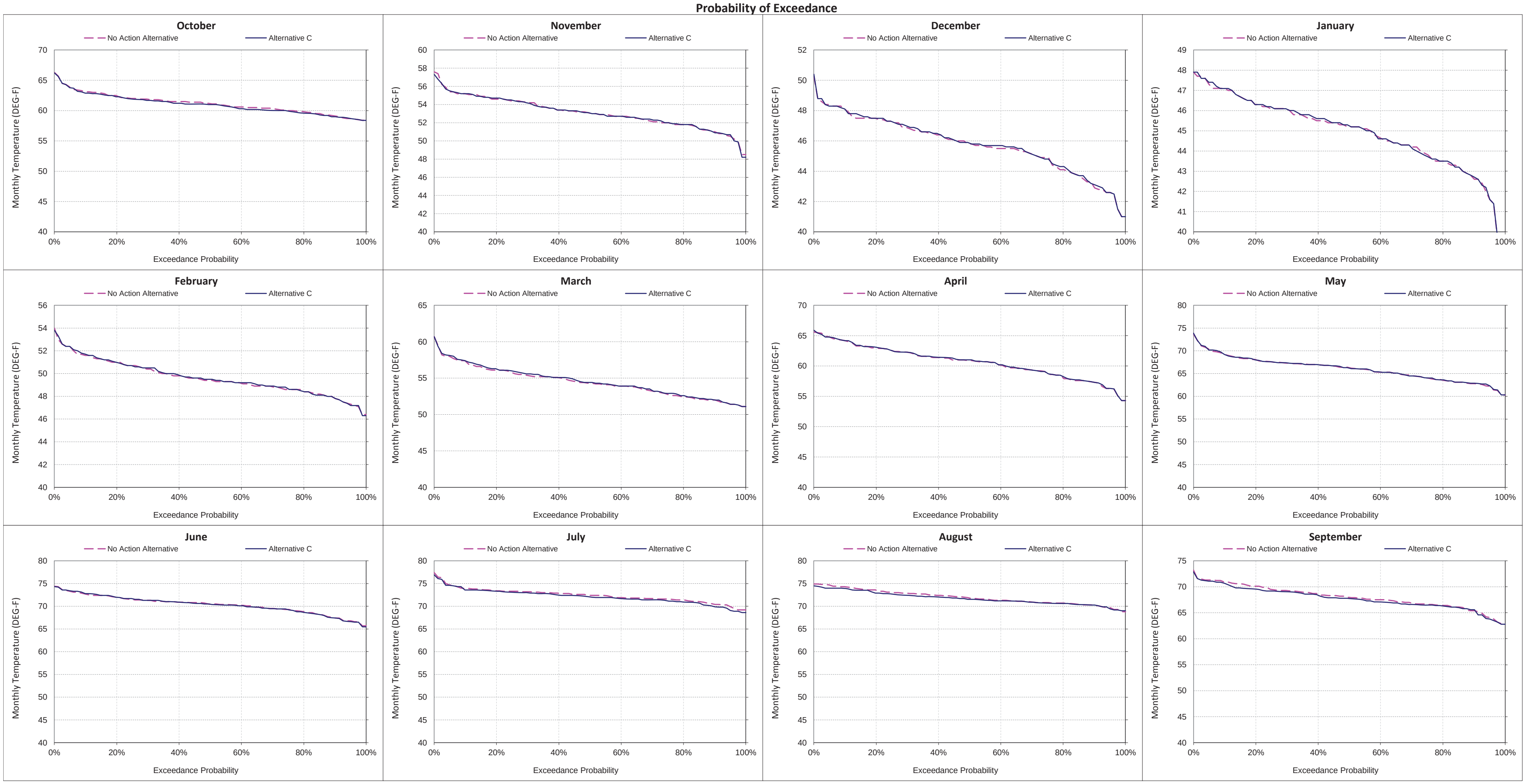


Table SQ-14-7b

Sacramento River at Freeport, Monthly Temperature
Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.3	66.2	-0.1	-0.2%
1.2%	65.7	65.6	-0.1	-0.2%
2.5%	64.5	64.5	0.0	0.0%
3.7%	64.3	64.3	0.0	0.0%
4.9%	63.9	63.8	-0.1	-0.2%
6.2%	63.5	63.7	0.2	0.3%
7.4%	63.4	63.2	-0.2	-0.3%
8.6%	63.3	63.1	-0.2	-0.3%
9.9%	63.1	62.9	-0.2	-0.3%
11.1%	63.1	62.9	-0.2	-0.3%
12.3%	63.0	62.8	-0.2	-0.3%
13.6%	63.0	62.8	-0.2	-0.3%
14.8%	62.9	62.7	-0.2	-0.3%
16.0%	62.8	62.6	-0.2	-0.3%
17.3%	62.5	62.5	0.0	0.0%
18.5%	62.5	62.5	0.0	0.0%
19.8%	62.5	62.3	-0.2	-0.3%
21.0%	62.2	62.3	0.1	0.2%
22.2%	62.1	62.1	0.0	0.0%
23.5%	62.1	62.0	-0.1	-0.2%
24.7%	62.0	61.9	-0.1	-0.2%
25.9%	62.0	61.9	-0.1	-0.2%
27.2%	61.9	61.8	-0.1	-0.2%
28.4%	61.9	61.8	-0.1	-0.2%
29.6%	61.9	61.7	-0.2	-0.3%
30.9%	61.8	61.7	-0.1	-0.2%
32.1%	61.8	61.6	-0.2	-0.3%
33.3%	61.8	61.6	-0.2	-0.3%
34.6%	61.7	61.5	-0.2	-0.3%
35.8%	61.6	61.5	-0.1	-0.2%
37.0%	61.5	61.4	-0.1	-0.2%
38.3%	61.5	61.2	-0.3	-0.5%
39.5%	61.5	61.2	-0.3	-0.5%
40.7%	61.5	61.2	-0.3	-0.5%
42.0%	61.5	61.1	-0.4	-0.7%
43.2%	61.4	61.1	-0.3	-0.5%
44.4%	61.4	61.1	-0.3	-0.5%
45.7%	61.4	61.1	-0.3	-0.5%
46.9%	61.4	61.1	-0.3	-0.5%
48.1%	61.2	61.1	-0.1	-0.2%
49.4%	61.2	61.0	-0.2	-0.3%
50.6%	61.1	61.0	-0.1	-0.2%
51.9%	61.1	61.0	-0.1	-0.2%
53.1%	60.9	60.9	0.0	0.0%
54.3%	60.9	60.8	-0.1	-0.2%
55.6%	60.8	60.7	-0.1	-0.2%
56.8%	60.7	60.6	-0.1	-0.2%
58.0%	60.6	60.5	-0.1	-0.2%
59.3%	60.6	60.3	-0.3	-0.5%
60.5%	60.6	60.3	-0.3	-0.5%
61.7%	60.5	60.2	-0.3	-0.5%
63.0%	60.5	60.2	-0.3	-0.5%
64.2%	60.5	60.2	-0.3	-0.5%
65.4%	60.5	60.2	-0.3	-0.5%
66.7%	60.4	60.1	-0.3	-0.5%
67.9%	60.4	60.1	-0.3	-0.5%
69.1%	60.4	60.0	-0.4	-0.7%
70.4%	60.3	60.0	-0.3	-0.5%
71.6%	60.2	60.0	-0.2	-0.3%
72.8%	60.1	60.0	-0.1	-0.2%
74.1%	60.1	60.0	-0.1	-0.2%
75.3%	60.0	59.9	-0.1	-0.2%
76.5%	60.0	59.8	-0.2	-0.3%
77.8%	59.9	59.7	-0.2	-0.3%
79.0%	59.9	59.6	-0.3	-0.5%
80.2%	59.8	59.6	-0.2	-0.3%
81.5%	59.7	59.6	-0.1	-0.2%
82.7%	59.7	59.5	-0.2	-0.3%
84.0%	59.5	59.4	-0.1	-0.2%
85.2%	59.5	59.3	-0.2	-0.3%
86.4%	59.3	59.2	-0.1	-0.2%
87.7%	59.3	59.2	-0.1	-0.2%
88.9%	59.2	59.0	-0.2	-0.3%
90.1%	59.1	59.0	-0.1	-0.2%
91.4%	59.0	58.9	-0.1	-0.2%
92.6%	58.8	58.9	0.1	0.2%
93.8%	58.7	58.8	0.1	0.2%
95.1%	58.7	58.7	0.0	0.0%
96.3%	58.6	58.6	0.0	0.0%
97.5%	58.5	58.5	0.0	0.0%
98.8%	58.4	58.4	0.0	0.0%
100.0%	58.4	58.4	0.0	0.0%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	57.6	57.3	-0.3	-0.5%
1.2%	57.4	56.8	-0.6	-1.0%
2.5%	56.2	56.3	0.1	0.2%
3.7%	55.9	55.7	-0.2	-0.4%
4.9%	55.4	55.5	0.1	0.2%
6.2%	55.4	55.4	0.0	0.0%
7.4%	55.2	55.3	0.1	0.2%
8.6%	55.2	55.2	0.0	0.0%
9.9%	55.2	55.2	0.0	0.0%
11.1%	55.1	55.2	0.1	0.2%
12.3%	55.1	55.1	0.0	0.0%
13.6%	55.1	54.9	-0.2	-0.4%
14.8%	54.9	54.9	0.0	0.0%
16.0%	54.9	54.8	-0.1	-0.2%
17.3%	54.8	54.8	0.0	0.0%
18.5%	54.6	54.7	0.1	0.2%
19.8%	54.6	54.7	0.1	0.2%
21.0%	54.6	54.7	0.1	0.2%
22.2%	54.6	54.6	0.0	0.0%
23.5%	54.5	54.5	0.0	0.0%
24.7%	54.4	54.5	0.1	0.2%
25.9%	54.4	54.4	0.0	0.0%
27.2%	54.4	54.3	-0.1	-0.2%
28.4%	54.3	54.3	0.0	0.0%
29.6%	54.3	54.2	-0.1	-0.2%
30.9%	54.2	54.1	-0.1	-0.2%
32.1%	54.2	53.9	-0.3	-0.6%
33.3%	53.8	53.8	0.0	0.0%
34.6%	53.8	53.7	-0.1	-0.2%
35.8%	53.7	53.7	0.0	0.0%
37.0%	53.6	53.6	0.0	0.0%
38.3%	53.6	53.6	0.0	0.0%
39.5%	53.4	53.4	0.0	0.0%
40.7%	53.4	53.4	0.0	0.0%
42.0%	53.3	53.4	0.1	0.2%
43.2%	53.3	53.3	0.0	0.0%
44.4%	53.3	53.3	0.0	0.0%
45.7%	53.2	53.3	0.1	0.2%
46.9%	53.2	53.2	0.0	0.0%
48.1%	53.2	53.1	-0.1	-0.2%
49.4%	53.1	53.1	0.0	0.0%
50.6%	53.0	53.0	0.0	0.0%
51.9%	53.0	53.0	0.0	0.0%
53.1%	52.9	52.9	0.0	0.0%
54.3%	52.9	52.9	0.0	0.0%
55.6%	52.9	52.7	-0.2	-0.4%
56.8%	52.8	52.7	-0.1	-0.2%
58.0%	52.7	52.7	0.0	0.0%
59.3%	52.7	52.7	0.0	0.0%
60.5%	52.7	52.7	0.0	0.0%
61.7%	52.7	52.6	-0.1	-0.2%
63.0%	52.6	52.6	0.0	0.0%
64.2%	52.5	52.6	0.1	0.2%
65.4%	52.5	52.5	0.0	0.0%
66.7%	52.4	52.4	0.0	0.0%
67.9%	52.3	52.4	0.1	0.2%
69.1%	52.2	52.4	0.2	0.4%
70.4%	52.1	52.3	0.2	0.4%
71.6%	52.1	52.3	0.2	0.4%
72.8%	52.0	52.2	0.2	0.4%
74.1%	52.0	52.0	0.0	0.0%
75.3%	52.0	52.0	0.0	0.0%
76.5%	51.8	51.9	0.1	0.2%
77.8%	51.8	51.9	0.1	0.2%
79.0%	51.8	51.8	0.0	0.0%
80.2%	51.8	51.8	0.0	0.0%
81.5%	51.8	51.8	0.0	0.0%
82.7%	51.7	51.8	0.1	0.2%
84.0%	51.6	51.6	0.0	0.0%
85.2%	51.3	51.3	0.0	0.0%
86.4%	51.2	51.3	0.1	0.2%
87.7%	51.2	51.2	0.0	0.0%
88.9%	51.1	51.1	0.0	0.0%
90.1%	51.0	50.9	-0.1	-0.2%
91.4%	50.8	50.9	0.1	0.2%
92.6%	50.8	50.8	0.0	0.0%
93.8%	50.6	50.7	0.1	0.2%
95.1%	50.5	50.7	0.2	0.4%
96.3%	50.2	50.0	-0.2	-0.4%
97.5%	49.9	49.9	0.0	0.0%
98.8%	48.5	48.2	-0.3	-0.6%
100.0%	48.5	48.2	-0.3	-0.6%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.3	50.4	0.1	0.2%
1.2%	48.8	48.8	0.0	0.0%
2.5%	48.6	48.8	0.2	0.4%
3.7%	48.4	48.4	0.0	0.0%
4.9%	48.4	48.3	-0.1	-0.2%
6.2%	48.3	48.3	0.0	0.0%
7.4%	48.3	48.3	0.0	0.0%
8.6%	48.3	48.2	-0.1	-0.2%
9.9%	48.1	48.1	0.0	0.0%
11.1%	47.9	47.8	-0.1	-0.2%
12.3%	47.6	47.8	0.2	0.4%
13.6%	47.5	47.8	0.3	0.6%
14.8%	47.5	47.7	0.2	0.4%
16.0%	47.5	47.6	0.1	0.2%
17.3%	47.5	47.6	0.1	0.2%
18.5%	47.5	47.5	0.0	0.0%
19.8%	47.5	47.5	0.0	0.0%
21.0%	47.4	47.5	0.1	0.2%
22.2%	47.4	47.5	0.1	0.2%
23.5%	47.3	47.3	0.0	0.0%
24.7%	47.3	47.3	0.0	0.0%
25.9%	47.2	47.2	0.0	0.0%
27.2%	47.2	47.1	-0.1	-0.2%
28.4%	46.9	47.1	0.2	0.4%
29.6%	46.9	47.0	0.1	0.2%
30.9%	46.8	46.9	0.1	0.2%
32.1%	46.7	46.9	0.2	0.4%
33.3%	46.7	46.8	0.1	0.2%
34.6%	46.6	46.6	0.0	0.0%
35.8%	46.6	46.6	0.0	0.0%
37.0%	46.5	46.6	0.1	0.2%
38.3%	46.5	46.5	0.0	0.0%
39.5%	46.4	46.5	0.1	0.2%
40.7%	46.4	46.4	0.0	0.0%
42.0%	46.2	46.2	0.0	0.0%
43.2%	46.1	46.2	0.1	0.2%
44.4%	46.1	46.1	0.0	0.0%
45.7%	46.0	46.0	0.0	0.0%
46.9%	46.0	45.9	-0.1	-0.2%
48.1%	46.0	45.9	-0.1	-0.2%
49.4%	45.8	45.9	0.1	0.2%
50.6%	45.8	45.8	0.0	0.0%
51.9%	45.7	45.8	0.1	0.2%
53.1%	45.7	45.8	0.1	0.2%
54.3%	45.7	45.7	0.0	0.0%
55.6%	45.6	45.7	0.1	0.2%
56.8%	45.6	45.7	0.1	0.2%
58.0%	45.5	45.7	0.2	0.4%
59.3%	45.5	45.7	0.2	0.4%
60.5%	45.5	45.7	0.2	0.4%
61.7%	45.5	45.6	0.1	0.2%
63.0%	45.5	45.6	0.1	0.2%
64.2%	45.5	45.6	0.1	0.2%
65.4%	45.4	45.5	0.1	0.2%
66.7%	45.3	45.5	0.2	0.4%
67.9%	45.3	45.3	0.0	0.0%
69.1%	45.2	45.2	0.0	0.0%
70.4%	45.1	45.1	0.0	0.0%
71.6%	45.0	45.0	0.0	0.0%
72.8%	44.9	44.9	0.0	0.0%
74.1%	44.9	44.8	-0.1	-0.2%
75.3%	44.9	44.8	-0.1	-0.2%
76.5%	44.4	44.5	0.1	0.2%
77.8%	44.3	44.4	0.1	0.2%
79.0%	44.1	44.3	0.2	0.5%
80.2%	44.1	44.3	0.2	0.5%
81.5%	44.0	44.1	0.1	0.2%
82.7%	43.9	43.9	0.0	0.0%
84.0%	43.8	43.8	0.0	0.0%
85.2%	43.7	43.7	0.0	0.0%
86.4%	43.5	43.7	0.2	0.5%
87.7%	43.3	43.4	0.1	0.2%
88.9%	43.3	43.2	-0.1	-0.2%
90.1%	42.9	43.1	0.2	0.5%
91.4%	42.8	43.0	0.2	0.5%
92.6%	42.8	42.9	0.1	0.2%
93.8%	42.6	42.6	0.0	0.0%
95.1%	42.6	42.6	0.0	0.0%
96.3%	42.5	42.5	0.0	0.0%
97.5%	41.5	41.5	0.0	0.0%
98.8%	41.0	41.0	0.0	0.0%
100.0%	41.0	41.0	0.0	0.0%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.9	47.9	0.0	0.0%
1.2%	47.7	47.9	0.2	0.4%
2.5%	47.7	47.6	-0.1	-0.2%
3.7%	47.6	47.6	0.0	0.0%
4.9%	47.3	47.4	0.1	0.2%
6.2%	47.1	47.4	0.3	0.6%
7.4%	47.1	47.2	0.1	0.2%
8.6%	47.1	47.1	0.0	0.0%
9.9%	47.1	47.1	0.0	0.0%
11.1%	47.0	47.1	0.1	0.2%
12.3%	47.0	47.0	0.0	0.0%
13.6%	46.8	46.8	0.0	0.0%
14.8%	46.7	46.7	0.0	0.0%
16.0%	46.6	46.6	0.0	0.0%
17.3%	46.5	46.5	0.0	0.0%
18.5%	46.5	46.5	0.0	0.0%
19.8%	46.3	46.3	0.0	0.0%
21.0%	46.3	46.3	0.0	0.0%
22.2%	46.2	46.3	0.1	0.2%
23.5%	46.2	46.2	0.0	0.0%
24.7%	46.1	46.2	0.1	0.2%
25.9%	46.1	46.1	0.0	0.0%
27.2%	46.1	46.1	0.0	0.0%
28.4%	46.1	46.1	0.0	0.0%
29.6%	46.1	46.1	0.0	0.0%
30.9%	46.0	46.0	0.0	0.0%
32.1%	45.8	46.0	0.2	0.4%
33.3%	45.8	45.9	0.1	0.2%
34.6%	45.8	45.8	0.0	0.0%
35.8%	45.7	45.8	0.1	0.2%
37.0%	45.6	45.8	0.2	0.4%
38.3%	45.6	45.7	0.1	0.2%
39.5%	45.5	45.6	0.1	0.2%
40.7%	45.5	45.6	0.1	0.2%
42.0%	45.5	45.6	0.1	0.2%
43.2%	45.4	45.5	0.1	0.2%
44.4%	45.4	45.4	0.0	0.0%
45.7%	45.4	45.4	0.0	0.0%
46.9%	45.3	45.4	0.1	0.2%
48.1%	45.3	45.3	0.0	0.0%
49.4%	45.2	45.3	0.1	0.2%
50.6%	45.2	45.2	0.0	0.0%
51.9%	45.2	45.2	0.0	0.0%
53.1%	45.2	45.2	0.0	0.0%
54.3%	45.1	45.1	0.0	0.0%
55.6%	45.1	45.0	-0.1	-0.2%
56.8%	45.0	45.0	0.0	0.0%
58.0%	44.8	44.9	0.1	0.2%
59.3%	44.7	44.6	-0.1	-0.2%
60.5%	44.6	44.6	0.0	0.0%
61.7%	44.5	44.6	0.1	0.2%
63.0%	44.5	44.5	0.0	0.0%
64.2%	44.4	44.4	0.0	0.0%
65.4%	44.4	44.4	0.0	0.0%
66.7%	44.3	44.3	0.0	0.0%
67.9%	44.3	44.3	0.0	0.0%
69.1%	44.3	44.3	0.0	0.0%
70.4%	44.2	44.1	-0.1	-0.2%
71.6%	44.2	44.0	-0.2	-0.5%
72.8%	44.0	43.9	-0.1	-0.2%
74.1%	43.9	43.8	-0.1	-0.2%
75.3%	43.8	43.7	-0.1	-0.2%
76.5%	43.6	43.6	0.0	0.0%
77.8%	43.5	43.6	0.1	0.2%
79.0%	43.5	43.5	0.0	0.0%
80.2%	43.5	43.5	0.0	0.0%
81.5%	43.4	43.5	0.1	0.2%
82.7%	43.3	43.4	0.1	0.2%
84.0%	43.3	43.2	-0.1	-0.2%
85.2%	43.2	43.2	0.0	0.0%
86.4%	43.0	43.0	0.0	0.0%
87.7%	42.9	42.9	0.0	0.0%
88.9%	42.8	42.8	0.0	0.0%
90.1%	42.6	42.7	0.1	0.2%
91.4%	42.6	42.6	0.0	0.0%
92.6%	42.4	42.3	-0.1	-0.2%
93.8%	42.0	42.2	0.2	0.5%
95.1%	41.6	41.6	0.0	0.0%
96.3%	41.4	41.4	0.0	0.0%
97.5%	39.7	39.7	0.0	0.0%
98.8%	39.2	39.2	0.0	0.0%
100.0%	39.2	39.2	0.0	0.0%

Table SQ-14-7b

Sacramento River at Freeport, Monthly Temperature
Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.0	53.8	-0.2	-0.4%
1.2%	53.0	53.3	0.3	0.6%
2.5%	52.6	52.6	0.0	0.0%
3.7%	52.4	52.4	0.0	0.0%
4.9%	52.4	52.4	0.0	0.0%
6.2%	52.0	52.1	0.1	0.2%
7.4%	51.7	52.0	0.3	0.6%
8.6%	51.7	51.8	0.1	0.2%
9.9%	51.6	51.7	0.1	0.2%
11.1%	51.6	51.6	0.0	0.0%
12.3%	51.4	51.6	0.2	0.4%
13.6%	51.3	51.4	0.1	0.2%
14.8%	51.3	51.3	0.0	0.0%
16.0%	51.2	51.2	0.0	0.0%
17.3%	51.1	51.2	0.1	0.2%
18.5%	51.0	51.1	0.1	0.2%
19.8%	51.0	51.0	0.0	0.0%
21.0%	51.0	50.9	-0.1	-0.2%
22.2%	50.8	50.8	0.0	0.0%
23.5%	50.7	50.7	0.0	0.0%
24.7%	50.7	50.7	0.0	0.0%
25.9%	50.7	50.6	-0.1	-0.2%
27.2%	50.6	50.6	0.0	0.0%
28.4%	50.5	50.5	0.0	0.0%
29.6%	50.4	50.5	0.1	0.2%
30.9%	50.4	50.5	0.1	0.2%
32.1%	50.2	50.5	0.3	0.6%
33.3%	50.1	50.2	0.1	0.2%
34.6%	50.0	50.1	0.1	0.2%
35.8%	50.0	50.0	0.0	0.0%
37.0%	49.9	50.0	0.1	0.2%
38.3%	49.8	50.0	0.2	0.4%
39.5%	49.8	49.9	0.1	0.2%
40.7%	49.8	49.8	0.0	0.0%
42.0%	49.7	49.7	0.0	0.0%
43.2%	49.6	49.7	0.1	0.2%
44.4%	49.6	49.6	0.0	0.0%
45.7%	49.6	49.6	0.0	0.0%
46.9%	49.5	49.6	0.1	0.2%
48.1%	49.4	49.5	0.1	0.2%
49.4%	49.4	49.5	0.1	0.2%
50.6%	49.4	49.5	0.1	0.2%
51.9%	49.3	49.4	0.1	0.2%
53.1%	49.3	49.4	0.1	0.2%
54.3%	49.3	49.3	0.0	0.0%
55.6%	49.3	49.3	0.0	0.0%
56.8%	49.3	49.3	0.0	0.0%
58.0%	49.2	49.2	0.0	0.0%
59.3%	49.2	49.2	0.0	0.0%
60.5%	49.1	49.2	0.1	0.2%
61.7%	49.1	49.2	0.1	0.2%
63.0%	49.0	49.2	0.2	0.4%
64.2%	48.9	49.1	0.2	0.4%
65.4%	48.9	49.0	0.1	0.2%
66.7%	48.9	49.0	0.1	0.2%
67.9%	48.9	48.9	0.0	0.0%
69.1%	48.9	48.9	0.0	0.0%
70.4%	48.8	48.9	0.1	0.2%
71.6%	48.8	48.8	0.0	0.0%
72.8%	48.7	48.8	0.1	0.2%
74.1%	48.6	48.8	0.2	0.4%
75.3%	48.6	48.6	0.0	0.0%
76.5%	48.6	48.6	0.0	0.0%
77.8%	48.6	48.6	0.0	0.0%
79.0%	48.6	48.5	-0.1	-0.2%
80.2%	48.4	48.4	0.0	0.0%
81.5%	48.4	48.4	0.0	0.0%
82.7%	48.3	48.2	-0.1	-0.2%
84.0%	48.2	48.1	-0.1	-0.2%
85.2%	48.2	48.1	-0.1	-0.2%
86.4%	48.1	48.1	0.0	0.0%
87.7%	48.0	48.0	0.0	0.0%
88.9%	48.0	48.0	0.0	0.0%
90.1%	47.8	47.8	0.0	0.0%
91.4%	47.7	47.7	0.0	0.0%
92.6%	47.5	47.5	0.0	0.0%
93.8%	47.4	47.4	0.0	0.0%
95.1%	47.3	47.2	-0.1	-0.2%
96.3%	47.2	47.2	0.0	0.0%
97.5%	47.1	47.2	0.1	0.2%
98.8%	46.4	46.3	-0.1	-0.2%
100.0%	46.4	46.3	-0.1	-0.2%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.7	60.7	0.0	0.0%
1.2%	59.5	59.4	-0.1	-0.2%
2.5%	58.2	58.4	0.2	0.3%
3.7%	58.0	58.2	0.2	0.3%
4.9%	58.0	58.1	0.1	0.2%
6.2%	57.7	58.0	0.3	0.5%
7.4%	57.5	57.6	0.1	0.2%
8.6%	57.4	57.5	0.1	0.2%
9.9%	57.4	57.4	0.0	0.0%
11.1%	56.9	57.2	0.3	0.5%
12.3%	56.8	57.1	0.3	0.5%
13.6%	56.6	56.9	0.3	0.5%
14.8%	56.6	56.8	0.2	0.4%
16.0%	56.3	56.6	0.3	0.5%
17.3%	56.2	56.4	0.2	0.4%
18.5%	56.1	56.3	0.2	0.4%
19.8%	56.1	56.3	0.2	0.4%
21.0%	56.1	56.1	0.0	0.0%
22.2%	56.1	56.1	0.0	0.0%
23.5%	56.0	56.1	0.1	0.2%
24.7%	55.8	56.0	0.2	0.4%
25.9%	55.6	55.9	0.3	0.5%
27.2%	55.5	55.8	0.3	0.5%
28.4%	55.5	55.7	0.2	0.4%
29.6%	55.4	55.6	0.2	0.4%
30.9%	55.3	55.6	0.3	0.5%
32.1%	55.2	55.5	0.3	0.5%
33.3%	55.2	55.5	0.3	0.5%
34.6%	55.2	55.3	0.1	0.2%
35.8%	55.2	55.2	0.0	0.0%
37.0%	55.2	55.2	0.0	0.0%
38.3%	55.1	55.1	0.0	0.0%
39.5%	55.1	55.1	0.0	0.0%
40.7%	55.0	55.1	0.1	0.2%
42.0%	54.9	55.1	0.2	0.4%
43.2%	54.7	55.0	0.3	0.5%
44.4%	54.6	54.9	0.3	0.5%
45.7%	54.5	54.7	0.2	0.4%
46.9%	54.4	54.5	0.1	0.2%
48.1%	54.4	54.4	0.0	0.0%
49.4%	54.3	54.4	0.1	0.2%
50.6%	54.3	54.4	0.1	0.2%
51.9%	54.2	54.3	0.1	0.2%
53.1%	54.2	54.3	0.1	0.2%
54.3%	54.1	54.2	0.1	0.2%
55.6%	54.1	54.2	0.1	0.2%
56.8%	54.1	54.1	0.0	0.0%
58.0%	53.9	54.0	0.1	0.2%
59.3%	53.9	53.9	0.0	0.0%
60.5%	53.9	53.9	0.0	0.0%
61.7%	53.9	53.9	0.0	0.0%
63.0%	53.8	53.9	0.1	0.2%
64.2%	53.8	53.9	0.1	0.2%
65.4%	53.7	53.7	0.0	0.0%
66.7%	53.5	53.7	0.2	0.4%
67.9%	53.4	53.5	0.1	0.2%
69.1%	53.3	53.5	0.2	0.4%
70.4%	53.2	53.2	0.0	0.0%
71.6%	53.1	53.2	0.1	0.2%
72.8%	53.0	53.1	0.1	0.2%
74.1%	52.9	52.9	0.0	0.0%
75.3%	52.7	52.9	0.2	0.4%
76.5%	52.6	52.9	0.3	0.6%
77.8%	52.6	52.8	0.2	0.4%
79.0%	52.5	52.6	0.1	0.2%
80.2%	52.4	52.6	0.2	0.4%
81.5%	52.4	52.4	0.0	0.0%
82.7%	52.3	52.4	0.1	0.2%
84.0%	52.1	52.3	0.2	0.4%
85.2%	52.1	52.2	0.1	0.2%
86.4%	52.1	52.2	0.1	0.2%
87.7%	52.0	52.1	0.1	0.2%
88.9%	52.0	52.1	0.1	0.2%
90.1%	52.0	52.0	0.0	0.0%
91.4%	51.8	52.0	0.2	0.4%
92.6%	51.6	51.7	0.1	0.2%
93.8%	51.6	51.6	0.0	0.0%
95.1%	51.4	51.4	0.0	0.0%
96.3%	51.4	51.4	0.0	0.0%
97.5%	51.3	51.3	0.0	0.0%
98.8%	51.1	51.1	0.0	0.0%
100.0%	51.1	51.1	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.6	65.9	0.3	0.5%
1.2%	65.5	65.4	-0.1	-0.2%
2.5%	65.4	65.2	-0.2	-0.3%
3.7%	64.9	64.8	-0.1	-0.2%
4.9%	64.8	64.8	0.0	0.0%
6.2%	64.5	64.7	0.2	0.3%
7.4%	64.4	64.5	0.1	0.2%
8.6%	64.3	64.3	0.0	0.0%
9.9%	64.2	64.2	0.0	0.0%
11.1%	64.0	64.2	0.2	0.3%
12.3%	63.8	63.9	0.1	0.2%
13.6%	63.3	63.4	0.1	0.2%
14.8%	63.3	63.4	0.1	0.2%
16.0%	63.3	63.2	-0.1	-0.2%
17.3%	63.2	63.2	0.0	0.0%
18.5%	63.0	63.2	0.2	0.3%
19.8%	63.0	63.1	0.1	0.2%
21.0%	62.9	63.0	0.1	0.2%
22.2%	62.9	62.9	0.0	0.0%
23.5%	62.8	62.8	0.0	0.0%
24.7%	62.6	62.6	0.0	0.0%
25.9%	62.4	62.4	0.0	0.0%
27.2%	62.4	62.3	-0.1	-0.2%
28.4%	62.3	62.3	0.0	0.0%
29.6%	62.3	62.3	0.0	0.0%
30.9%	62.2	62.2	0.0	0.0%
32.1%	62.0	62.1	0.1	0.2%
33.3%	61.7	61.8	0.1	0.2%
34.6%	61.6	61.6	0.0	0.0%
35.8%	61.6	61.6	0.0	0.0%
37.0%	61.5	61.6	0.1	0.2%
38.3%	61.4	61.5	0.1	0.2%
39.5%	61.4	61.5	0.1	0.2%
40.7%	61.4	61.4	0.0	0.0%
42.0%	61.3	61.4	0.1	0.2%
43.2%	61.3	61.4	0.1	0.2%
44.4%	61.0	61.3	0.3	0.5%
45.7%	61.0	61.1	0.1	0.2%
46.9%	61.0	61.0	0.0	0.0%
48.1%	61.0	61.0	0.0	0.0%
49.4%	60.9	61.0	0.1	0.2%
50.6%	60.9	61.0	0.1	0.2%
51.9%	60.8	60.8	0.0	0.0%
53.1%	60.7	60.8	0.1	0.2%
54.3%	60.7	60.7	0.0	0.0%
55.6%	60.7	60.7	0.0	0.0%
56.8%	60.6	60.6	0.0	0.0%
58.0%	60.6	60.6	0.0	0.0%
59.3%	60.2	60.2	0.0	0.0%
60.5%	60.1	60.2	0.1	0.2%
61.7%	59.8	60.0	0.2	0.3%
63.0%	59.7	59.8	0.1	0.2%
64.2%	59.7	59.8	0.1	0.2%
65.4%	59.7	59.6	-0.1	-0.2%
66.7%	59.6	59.6	0.0	0.0%
67.9%	59.4	59.5	0.1	0.2%
69.1%	59.4	59.4	0.0	0.0%
70.4%	59.3	59.3	0.0	0.0%
71.6%	59.2	59.2	0.0	0.0%
72.8%	59.2	59.1	-0.1	-0.2%
74.1%	59.1	59.1	0.0	0.0%
75.3%	58.6	58.7	0.1	0.2%
76.5%	58.6	58.6	0.0	0.0%
77.8%	58.5	58.5	0.0	0.0%
79.0%	58.5	58.5	0.0	0.0%
80.2%	57.9	58.2	0.3	0.5%
81.5%	57.9	57.9	0.0	0.0%
82.7%	57.7	57.8	0.1	0.2%
84.0%	57.6	57.7	0.1	0.2%
85.2%	57.6	57.7	0.1	0.2%
86.4%	57.6	57.6	0.0	0.0%
87.7%	57.5	57.5	0.0	0.0%
88.9%	57.4	57.4	0.0	0.0%
90.1%	57.3	57.3	0.0	0.0%
91.4%	57.2	57.2	0.0	0.0%
92.6%	56.6	56.9	0.3	0.5%
93.8%	56.3	56.3	0.0	0.0%
95.1%	56.3	56.3	0.0	0.0%
96.3%	56.2	56.2	0.0	0.0%
97.5%	55.1	55.1	0.0	0.0%
98.8%	54.3	54.3	0.0	0.0%
100.0%	54.3	54.3	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.7	73.9	0.2	0.3%
1.2%	72.3	72.3	0.0	0.0%
2.5%	71.1	71.2	0.1	0.1%
3.7%	70.8	71.0	0.2	0.3%
4.9%	70.4	70.2	-0.2	-0.3%
6.2%	69.9	70.2	0.3	0.4%
7.4%	69.8	70.1	0.3	0.4%
8.6%	69.6	69.8	0.2	0.3%
9.9%	69.2	69.2	0.0	0.0%
11.1%	69.0	68.9	-0.1	-0.1%
12.3%	68.8	68.7	-0.1	-0.1%
13.6%	68.6	68.6	0.0	0.0%
14.8%	68.4	68.6	0.2	0.3%
16.0%	68.3	68.4	0.1	0.1%
17.3%	68.3	68.4	0.1	0.1%
18.5%	68.1	68.3	0.2	0.3%
19.8%	68.1	68.0	-0.1	-0.1%
21.0%	67.8	67.9	0.1	0.1%
22.2%	67.7	67.7	0.0	0.0%
23.5%	67.7	67.6	-0.1	-0.1%
24.7%	67.6	67.6	0.0	0.0%
25.9%	67.5	67.5	0.0	0.0%
27.2%	67.5	67.4	-0.1	-0.1%
28.4%	67.4	67.4	0.0	0.0%
29.6%	67.3	67.4	0.1	0.1%
30.9%	67.3	67.3	0.0	0.0%
32.1%	67.2	67.2	0.0	0.0%
33.3%	67.2	67.2	0.0	0.0%
34.6%	67.1	67.2	0.1	0.1%
35.8%	67.1	67.0	-0.1	-0.1%
37.0%	67.0	67.0	0.0	0.0%
38.3%	67.0	67.0	0.0	0.0%
39.5%	67.0	67.0	0.0	0.0%
40.7%	66.9	66.9	0.0	0.0%
42.0%	66.8	66.8	0.0	0.0%
43.2%	66.8	66.8	0.0	0.0%
44.4%	66.7	66.7	0.0	0.0%
45.7%	66.6	66.7	0.1	0.2%
46.9%	66.4	66.6	0.2	0.3%
48.1%	66.4	66.3	-0.1	-0.2%
49.4%	66.4	66.3	-0.1	-0.2%
50.6%	66.2	66.1	-0.1	-0.2%
51.9%	66.1	66.1	0.0	0.0%
53.1%	66.0	66.0	0.0	0.0%
54.3%	66.0	66.0	0.0	0.0%
55.6%	65.9	66.0	0.1	0.2%
56.8%	65.8	65.8	0.0	0.0%
58.0%	65.4	65.4	0.0	0.0%
59.3%	65.3	65.4	0.1	0.2%
60.5%	65.3	65.3	0.0	0.0%
61.7%	65.3	65.3	0.0	0.0%
63.0%	65.3	65.3	0.0	0.0%
64.2%	65.1	65.1	0.0	0.0%
65.4%	65.1	65.1	0.0	0.0%
66.7%	64.8	64.9	0.1	0.2%
67.9%	64.7	64.7	0.0	0.0%
69.1%	64.7	64.5	-0.2	-0.3%
70.4%	64.5	64.5	0.0	0.0%
71.6%	64.4	64.4	0.0	0.0%
72.8%	64.3	64.3	0.0	0.0%
74.1%	64.1	64.1	0.0	0.0%
75.3%	64.0	64.0	0.0	0.0%
76.5%	63.8	64.0	0.2	0.3%
77.8%	63.7	63.7	0.0	0.0%
79.0%	63.7	63.6	-0.1	-0.2%
80.2%	63.5	63.6	0.1	0.2%
81.5%	63.4	63.4	0.0	0.0%
82.7%	63.3	63.4	0.1	0.2%
84.0%	63.1	63.1	0.0	0.0%
85.2%	63.1	63.1	0.0	0.0%
86.4%	63.1	63.1	0.0	0.0%
87.7%	62.9	63.0	0.1	0.2%
88.9%	62.8	62.9	0.1	0.2%
90.1%	62.8	62.9	0.1	0.2%
91.4%	62.7	62.8	0.1	0.2%
92.6%	62.6	62.7	0.1	0.2%
93.8%	62.3	62.7	0.4	0.6%
95.1%	62.2	62.3	0.1	0.2%
96.3%	61.4	61.5	0.1	0.2%
97.5%	61.3	61.4	0.1	0.2%
98.8%	60.3	60.3	0.0	0.0%
100.0%	60.3	60.3	0.0	0.0%

Table SQ-14-7b

Sacramento River at Freeport, Monthly Temperature
Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	74.4	74.3	-0.1	-0.1%
1.2%	74.3	74.2	-0.1	-0.1%
2.5%	73.7	73.6	-0.1	-0.1%
3.7%	73.5	73.6	0.1	0.1%
4.9%	73.3	73.4	0.1	0.1%
6.2%	73.1	73.3	0.2	0.3%
7.4%	73.1	73.3	0.2	0.3%
8.6%	72.9	73.1	0.2	0.3%
9.9%	72.7	72.8	0.1	0.1%
11.1%	72.5	72.8	0.3	0.4%
12.3%	72.4	72.7	0.3	0.4%
13.6%	72.4	72.6	0.2	0.3%
14.8%	72.4	72.4	0.0	0.0%
16.0%	72.4	72.4	0.0	0.0%
17.3%	72.3	72.4	0.1	0.1%
18.5%	72.1	72.2	0.1	0.1%
19.8%	72.0	72.0	0.0	0.0%
21.0%	71.9	71.9	0.0	0.0%
22.2%	71.7	71.7	0.0	0.0%
23.5%	71.6	71.7	0.1	0.1%
24.7%	71.5	71.7	0.2	0.3%
25.9%	71.4	71.5	0.1	0.1%
27.2%	71.4	71.5	0.1	0.1%
28.4%	71.4	71.3	-0.1	-0.1%
29.6%	71.3	71.3	0.0	0.0%
30.9%	71.3	71.3	0.0	0.0%
32.1%	71.1	71.3	0.2	0.3%
33.3%	71.1	71.3	0.2	0.3%
34.6%	71.1	71.1	0.0	0.0%
35.8%	71.0	71.0	0.0	0.0%
37.0%	71.0	71.0	0.0	0.0%
38.3%	71.0	71.0	0.0	0.0%
39.5%	70.9	70.9	0.0	0.0%
40.7%	70.9	70.9	0.0	0.0%
42.0%	70.9	70.8	-0.1	-0.1%
43.2%	70.8	70.8	0.0	0.0%
44.4%	70.8	70.7	-0.1	-0.1%
45.7%	70.8	70.6	-0.2	-0.3%
46.9%	70.8	70.6	-0.2	-0.3%
48.1%	70.7	70.5	-0.2	-0.3%
49.4%	70.5	70.5	0.0	0.0%
50.6%	70.5	70.4	-0.1	-0.1%
51.9%	70.5	70.4	-0.1	-0.1%
53.1%	70.4	70.3	-0.1	-0.1%
54.3%	70.4	70.3	-0.1	-0.1%
55.6%	70.4	70.3	-0.1	-0.1%
56.8%	70.3	70.3	0.0	0.0%
58.0%	70.3	70.2	-0.1	-0.1%
59.3%	70.2	70.1	-0.1	-0.1%
60.5%	70.2	70.1	-0.1	-0.1%
61.7%	70.1	69.9	-0.2	-0.3%
63.0%	70.1	69.9	-0.2	-0.3%
64.2%	69.8	69.8	0.0	0.0%
65.4%	69.8	69.8	0.0	0.0%
66.7%	69.8	69.6	-0.2	-0.3%
67.9%	69.6	69.6	0.0	0.0%
69.1%	69.5	69.5	0.0	0.0%
70.4%	69.5	69.5	0.0	0.0%
71.6%	69.4	69.4	0.0	0.0%
72.8%	69.4	69.4	0.0	0.0%
74.1%	69.3	69.4	0.1	0.1%
75.3%	69.3	69.2	-0.1	-0.1%
76.5%	69.0	69.1	0.1	0.1%
77.8%	69.0	68.8	-0.2	-0.3%
79.0%	68.9	68.8	-0.1	-0.1%
80.2%	68.8	68.7	-0.1	-0.1%
81.5%	68.6	68.5	-0.1	-0.1%
82.7%	68.6	68.4	-0.2	-0.3%
84.0%	68.3	68.3	0.0	0.0%
85.2%	68.3	68.2	-0.1	-0.1%
86.4%	68.0	68.0	0.0	0.0%
87.7%	67.7	67.6	-0.1	-0.1%
88.9%	67.6	67.5	-0.1	-0.1%
90.1%	67.4	67.4	0.0	0.0%
91.4%	67.4	67.3	-0.1	-0.1%
92.6%	66.9	66.8	-0.1	-0.1%
93.8%	66.8	66.7	-0.1	-0.1%
95.1%	66.8	66.6	-0.2	-0.3%
96.3%	66.6	66.5	-0.1	-0.2%
97.5%	66.6	66.5	-0.1	-0.2%
98.8%	65.7	65.5	-0.2	-0.3%
100.0%	65.7	65.5	-0.2	-0.3%

July				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	77.4	76.9	-0.5	-0.6%
1.2%	76.4	76.1	-0.3	-0.4%
2.5%	76.3	75.9	-0.4	-0.5%
3.7%	75.0	74.6	-0.4	-0.5%
4.9%	74.7	74.6	-0.1	-0.1%
6.2%	74.6	74.5	-0.1	-0.1%
7.4%	74.3	74.3	0.0	0.0%
8.6%	74.0	74.3	0.3	0.4%
9.9%	73.9	73.6	-0.3	-0.4%
11.1%	73.9	73.6	-0.3	-0.4%
12.3%	73.8	73.6	-0.2	-0.3%
13.6%	73.8	73.6	-0.2	-0.3%
14.8%	73.7	73.5	-0.2	-0.3%
16.0%	73.6	73.5	-0.1	-0.1%
17.3%	73.6	73.4	-0.2	-0.3%
18.5%	73.5	73.4	-0.1	-0.1%
19.8%	73.4	73.3	-0.1	-0.1%
21.0%	73.4	73.3	-0.1	-0.1%
22.2%	73.3	73.2	-0.1	-0.1%
23.5%	73.3	73.1	-0.2	-0.3%
24.7%	73.3	73.1	-0.2	-0.3%
25.9%	73.3	73.0	-0.3	-0.4%
27.2%	73.3	73.0	-0.3	-0.4%
28.4%	73.2	73.0	-0.2	-0.3%
29.6%	73.2	73.0	-0.2	-0.3%
30.9%	73.2	72.9	-0.3	-0.4%
32.1%	73.1	72.9	-0.2	-0.3%
33.3%	73.1	72.8	-0.3	-0.4%
34.6%	73.0	72.8	-0.2	-0.3%
35.8%	73.0	72.8	-0.2	-0.3%
37.0%	73.0	72.8	-0.2	-0.3%
38.3%	72.9	72.6	-0.3	-0.4%
39.5%	72.9	72.5	-0.4	-0.5%
40.7%	72.8	72.4	-0.4	-0.5%
42.0%	72.8	72.4	-0.4	-0.5%
43.2%	72.8	72.4	-0.4	-0.5%
44.4%	72.6	72.4	-0.2	-0.3%
45.7%	72.6	72.3	-0.3	-0.4%
46.9%	72.6	72.3	-0.3	-0.4%
48.1%	72.6	72.2	-0.4	-0.6%
49.4%	72.4	72.1	-0.3	-0.4%
50.6%	72.4	72.0	-0.4	-0.6%
51.9%	72.4	71.9	-0.5	-0.7%
53.1%	72.4	71.9	-0.5	-0.7%
54.3%	72.4	71.9	-0.5	-0.7%
55.6%	72.3	71.9	-0.4	-0.6%
56.8%	72.1	71.9	-0.2	-0.3%
58.0%	71.9	71.8	-0.1	-0.1%
59.3%	71.9	71.7	-0.2	-0.3%
60.5%	71.9	71.7	-0.2	-0.3%
61.7%	71.8	71.6	-0.2	-0.3%
63.0%	71.8	71.6	-0.2	-0.3%
64.2%	71.8	71.6	-0.2	-0.3%
65.4%	71.8	71.6	-0.2	-0.3%
66.7%	71.8	71.4	-0.4	-0.6%
67.9%	71.7	71.4	-0.3	-0.4%
69.1%	71.7	71.4	-0.3	-0.4%
70.4%	71.7	71.4	-0.3	-0.4%
71.6%	71.6	71.4	-0.2	-0.3%
72.8%	71.6	71.4	-0.2	-0.3%
74.1%	71.6	71.3	-0.3	-0.4%
75.3%	71.6	71.1	-0.5	-0.7%
76.5%	71.5	71.1	-0.4	-0.6%
77.8%	71.4	71.0	-0.4	-0.6%
79.0%	71.4	71.0	-0.4	-0.6%
80.2%	71.4	70.9	-0.5	-0.7%
81.5%	71.2	70.9	-0.3	-0.4%
82.7%	71.1	70.9	-0.2	-0.3%
84.0%	71.1	70.8	-0.3	-0.4%
85.2%	71.0	70.7	-0.3	-0.4%
86.4%	70.9	70.3	-0.6	-0.8%
87.7%	70.7	70.2	-0.5	-0.7%
88.9%	70.6	70.1	-0.5	-0.7%
90.1%	70.4	69.9	-0.5	-0.7%
91.4%	70.4	69.8	-0.6	-0.9%
92.6%	70.3	69.8	-0.5	-0.7%
93.8%	70.3	69.6	-0.7	-1.0%
95.1%	69.9	69.1	-0.8	-1.1%
96.3%	69.5	68.9	-0.6	-0.9%
97.5%	69.2	68.9	-0.3	-0.4%
98.8%	69.2	68.6	-0.6	-0.9%
100.0%	69.2	68.6	-0.6	-0.9%

August				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	74.9	74.5	-0.4	-0.5%
1.2%	74.9	74.4	-0.5	-0.7%
2.5%	74.8	74.2	-0.6	-0.8%
3.7%	74.8	74.0	-0.8	-1.1%
4.9%	74.7	74.0	-0.7	-0.9%
6.2%	74.4	74.0	-0.4	-0.5%
7.4%	74.4	74.0	-0.4	-0.5%
8.6%	74.3	74.0	-0.3	-0.4%
9.9%	74.3	73.9	-0.4	-0.5%
11.1%	74.2	73.8	-0.4	-0.5%
12.3%	74.1	73.6	-0.5	-0.7%
13.6%	73.9	73.5	-0.4	-0.5%
14.8%	73.8	73.5	-0.3	-0.4%
16.0%	73.7	73.5	-0.2	-0.3%
17.3%	73.6	73.5	-0.1	-0.1%
18.5%	73.6	73.2	-0.4	-0.5%
19.8%	73.6	72.9	-0.7	-1.0%
21.0%	73.3	72.9	-0.4	-0.5%
22.2%	73.3	72.8	-0.5	-0.7%
23.5%	73.1	72.8	-0.3	-0.4%
24.7%	73.1	72.7	-0.4	-0.5%
25.9%	73.0	72.6	-0.4	-0.5%
27.2%	73.0	72.5	-0.5	-0.7%
28.4%	72.9	72.5	-0.4	-0.5%
29.6%	72.9	72.4	-0.5	-0.7%
30.9%	72.8	72.4	-0.4	-0.5%
32.1%	72.8	72.3	-0.5	-0.7%
33.3%	72.7	72.2	-0.5	-0.7%
34.6%	72.7	72.2	-0.5	-0.7%
35.8%	72.7	72.1	-0.6	-0.8%
37.0%	72.5	72.1	-0.4	-0.6%
38.3%	72.5	72.1	-0.4	-0.6%
39.5%	72.4	72.1	-0.3	-0.4%
40.7%	72.4	72.0	-0.4	-0.6%
42.0%	72.3	71.9	-0.4	-0.6%
43.2%	72.3	71.9	-0.4	-0.6%
44.4%	72.2	71.8	-0.4	-0.6%
45.7%	72.1	71.8	-0.3	-0.4%
46.9%	72.1	71.7	-0.4	-0.6%
48.1%	72.0	71.7	-0.3	-0.4%
49.4%	71.9	71.5	-0.4	-0.6%
50.6%	71.7	71.5	-0.2	-0.3%
51.9%	71.7	71.5	-0.2	-0.3%
53.1%	71.6	71.4	-0.2	-0.3%
54.3%	71.6	71.4	-0.2	-0.3%
55.6%	71.6	71.3	-0.3	-0.4%
56.8%	71.4	71.3	-0.1	-0.1%
58.0%	71.3	71.2	-0.1	-0.1%
59.3%	71.3	71.2	-0.1	-0.1%
60.5%	71.3	71.2	-0.1	-0.1%
61.7%	71.3	71.2	-0.1	-0.1%
63.0%	71.2	71.2	0.0	0.0%
64.2%	71.2	71.1	-0.1	-0.1%
65.4%	71.1	71.1	0.0	0.0%
66.7%	71.1	71.1	0.0	0.0%
67.9%	71.1	71.0	-0.1	-0.1%
69.1%	71.0	70.9	-0.1	-0.1%
70.4%	70.9	70.9	0.0	0.0%
71.6%	70.8	70.8	0.0	0.0%
72.8%	70.8	70.8	0.0	0.0%
74.1%	70.8	70.7	-0.1	-0.1%
75.3%	70.8	70.7	-0.1	-0.1%
76.5%	70.7	70.7	0.0	0.0%
77.8%	70.7	70.6	-0.1	-0.1%
79.0%	70.7	70.6	-0.1	-0.1%
80.2%	70.7	70.6	-0.1	-0.1%
81.5%	70.6	70.6	0.0	0.0%
82.7%	70.6	70.5	-0.1	-0.1%
84.0%	70.5	70.4	-0.1	-0.1%
85.2%	70.4	70.4	0.0	0.0%
86.4%	70.3	70.4	0.1	0.1%
87.7%	70.3	70.3	0.0	0.0%
88.9%	70.3	70.3	0.0	0.0%
90.1%	70.2	70.3	0.1	0.1%
91.4%	70.1	70.1	0.0	0.0%
92.6%	69.9	69.9	0.0	0.0%
93.8%	69.7	69.9	0.2	0.3%
95.1%	69.7	69.4	-0.3	-0.4%
96.3%	69.3	69.2	-0.1	-0.1%
97.5%	69.3	69.2	-0.1	-0.1%
98.8%	68.8	69.0	0.2	0.3%
100.0%	68.8	69.0	0.2	0.3%

September				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	73.2	72.9	-0.3	-0.4%
1.2%	71.6	71.6	0.0	0.0%
2.5%	71.5	71.3	-0.2	-0.3%
3.7%	71.3	71.2	-0.1	-0.1%
4.9%	71.3	71.1	-0.2	-0.3%
6.2%	71.3	71.1	-0.2	-0.3%
7.4%	71.2	70.9	-0.3	-0.4%
8.6%	71.2	70.9	-0.3	-0.4%
9.9%	70.9	70.7	-0.2	-0.3%
11.1%	70.9	70.4	-0.5	-0.7%
12.3%	70.7	70.1	-0.6	-0.8%
13.6%	70.6	69.8	-0.8	-1.1%
14.8%	70.6	69.8	-0.8	-1.1%
16.0%	70.5	69.7	-0.8	-1.1%
17.3%	70.3	69.7	-0.6	-0.9%
18.5%	70.1	69.6	-0.5	-0.7%
19.8%	70.1	69.6	-0.5	-0.7%
21.0%	70.1	69.5	-0.6	-0.9%
22.2%	69.9	69.3	-0.6	-0.9%
23.5%	69.9	69.2	-0.7	-1.0%
24.7%	69.5	69.2	-0.3	-0.4%
25.9%	69.4	69.2	-0.2	-0.3%
27.2%	69.3	69.1	-0.2	-0.3%
28.4%	69.3	69.1	-0.2	-0.3%
29.6%	69.3	69.1	-0.2	-0.3%
30.9%	69.2	69.0	-0.2	-0.3%
32.1%	69.2	69.0	-0.2	-0.3%
33.3%	69.1	68.9	-0.2	-0.3%
34.6%	69.0	68.8	-0.2	-0.3%
35.8%	68.9	68.6	-0.3	-0.4%
37.0%	68.9	68.6	-0.3	-0.4%
38.3%	68.7	68.6	-0.1	-0.1%
39.5%	68.7	68.5	-0.2	-0.3%
40.7%	68.4	68.2	-0.2	-0.3%
42.0%	68.4	68.0	-0.4	-0.6%
43.2%	68.3	67.9	-0.4	-0.6%
44.4%	68.3	67.9	-0.4	-0.6%
45.7%	68.3	67.9	-0.4	-0.6%
46.9%	68.2	67.8	-0.4	-0.6%
48.1%	68.2	67.8	-0.4	-0.6%
49.4%	68.0	67.8	-0.2	-0.3%
50.6%	67.9	67.7	-0.2	-0.3%
51.9%	67.9	67.7	-0.2	-0.3%
53.1%	67.8	67.6	-0.2	-0.3%
54.3%	67.8	67.5	-0.3	-0.4%
55.6%	67.6	67.3	-0.3	-0.4%
56.8%	67.6	67.3	-0.3	-0.4%
58.0%	67.5	67.1	-0.4	-0.6%
59.3%	67.5	67.1	-0.4	-0.6%
60.5%	67.5	67.1	-0.4	-0.6%
61.7%	67.5	67.0	-0.5	-0.7%
63.0%	67.4	67.0	-0.4	-0.6%
64.2%	67.3	66.9	-0.4	-0.6%
65.4%	67.1	66.9	-0.2	-0.3%
66.7%	67.1	66.7	-0.4	-0.6%
67.9%	67.0	66.7	-0.3	-0.4%
69.1%	67.0	66.6	-0.4	-0.6%
70.4%	66.8	66.6	-0.2	-0.3%
71.6%	66.7	66.6	-0.1	-0.1%
72.8%	66.7	66.5	-0.2	-0.3%
74.1%	66.7	66.5	-0.2	-0.3%
75.3%	66.6	66.5	-0.1	-0.2%
76.5%	66.6	66.5	-0.1	-0.2%
77.8%	66.5	66.4	-0.1	-0.2%
79.0%	66.4	66.4	0.0	0.0%
80.2%	66.4	66.3	-0.1	-0.2%
81.5%	66.4	66.2	-0.2	-0.3%
82.7%	66.2	66.1	-0.1	-0.2%
84.0%	66.1	66.1	0.0	0.0%
85.2%	66.1	66.0	-0.1	-0.2%
86.4%	66.0	65.8	-0.2	-0.3%
87.7%	65.5	65.8	0.3	0.5%
88.9%	65.4	65.6	0.2	0.3%
90.1%	65.4	65.6	0.2	0.3%
91.4%	65.2	64.6	-0.6	-0.9%
92.6%	64.9	64.6	-0.3	-0.5%
93.8%	64.2	63.9	-0.3	-0.5%
95.1%	64.1	63.8	-0.3	-0.5%
96.3%	63.8	63.5	-0.3	-0.5%
97.5%	63.2	63.2	0.0	0.0%
98.8%	62.9	62.8	-0.1	-0.2%
100.0%	62.9	62.8	-0.1	-0.2%

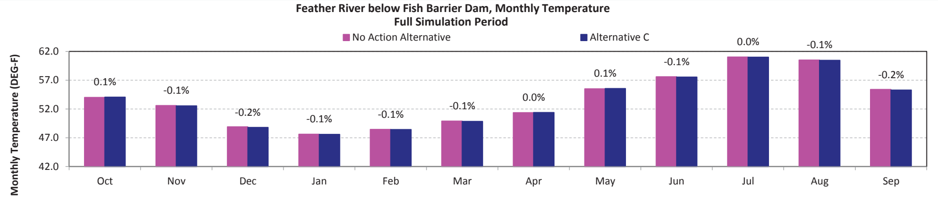
Table SQ-15-7a
Feather River below Fish Barrier Dam, Monthly Temperature
Long-term Average and Average by Water Year Type

Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	54.0	52.6	48.9	47.6	48.5	49.9	51.4	55.5	57.6	61.0	60.5	55.4
Alternative C	54.1	52.5	48.8	47.6	48.4	49.9	51.4	55.6	57.6	61.0	60.5	55.3
Difference	0.1	-0.1	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1
Percent Difference[3]	0.1%	-0.1%	-0.2%	-0.1%	-0.1%	-0.1%	0.0%	0.1%	-0.1%	0.0%	-0.1%	-0.2%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	53.2	52.2	48.9	47.8	47.8	48.6	50.5	54.8	57.3	61.2	60.7	54.4
Alternative C	53.4	52.2	48.7	47.7	47.8	48.6	50.5	54.8	57.2	61.2	60.6	54.5
Difference	0.1	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	0.0
Percent Difference	0.2%	0.0%	-0.3%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	-0.1%	-0.2%	0.0%
Above Normal (15%)												
No Action Alternative	53.3	52.0	48.8	47.5	48.1	48.8	51.5	55.7	57.8	60.7	59.8	54.5
Alternative C	53.4	52.0	48.5	47.5	48.1	48.8	51.5	55.7	57.6	60.7	59.9	54.5
Difference	0.1	0.0	-0.3	0.0	0.0	-0.1	0.0	0.0	-0.2	0.0	0.1	0.0
Percent Difference	0.2%	0.0%	-0.6%	-0.1%	0.0%	-0.2%	0.0%	0.0%	-0.3%	0.0%	0.2%	-0.1%
Below Normal (17%)												
No Action Alternative	53.8	52.3	48.5	47.5	48.4	50.3	52.0	55.9	57.8	60.8	59.9	55.6
Alternative C	54.0	52.4	48.6	47.4	48.5	50.1	52.1	56.0	57.7	60.8	60.1	55.5
Difference	0.1	0.0	0.1	-0.1	0.0	-0.2	0.1	0.0	-0.2	0.0	0.1	-0.2
Percent Difference	0.3%	0.0%	0.2%	-0.2%	0.0%	-0.4%	0.1%	0.0%	-0.3%	0.0%	0.2%	-0.3%
Dry (22%)												
No Action Alternative	54.3	52.8	49.0	47.5	48.9	51.1	51.9	55.7	57.7	60.8	60.2	55.9
Alternative C	54.7	52.8	48.9	47.4	48.9	51.3	51.9	55.9	57.8	60.8	59.9	55.6
Difference	0.4	0.0	-0.1	-0.1	0.0	0.2	0.0	0.1	0.1	0.0	-0.3	-0.3
Percent Difference	0.8%	0.0%	-0.2%	-0.2%	-0.1%	0.4%	0.0%	0.2%	0.2%	0.0%	-0.5%	-0.6%
Critical (15%)												
No Action Alternative	56.2	54.0	49.5	47.4	49.2	51.3	51.5	55.9	57.7	61.6	61.8	57.2
Alternative C	55.5	53.6	49.3	47.5	49.2	51.1	51.6	56.0	57.8	61.5	62.0	57.1
Difference	-0.7	-0.5	-0.2	0.1	-0.1	-0.2	0.1	0.1	0.1	-0.1	0.2	-0.1
Percent Difference	-1.3%	-0.8%	-0.3%	0.3%	-0.1%	-0.4%	0.2%	0.2%	0.1%	-0.1%	0.3%	-0.1%

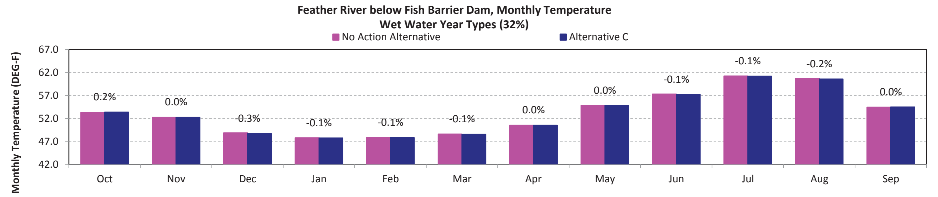
1 Based on the 82-year simulation period

2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

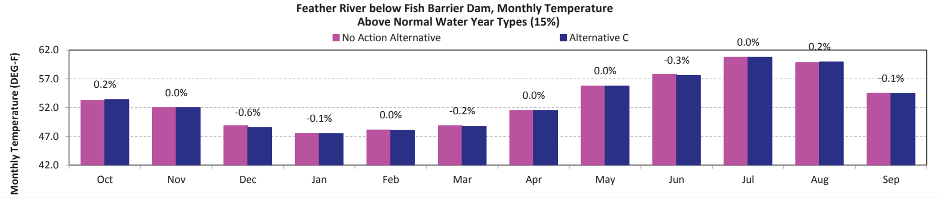
3 Relative difference of the monthly average



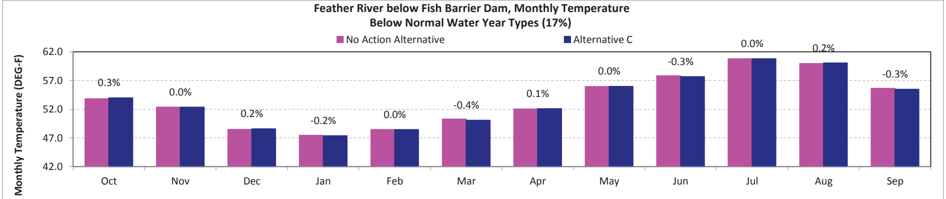
Feather River below Fish Barrier Dam, Monthly Temperature
Full Simulation Period



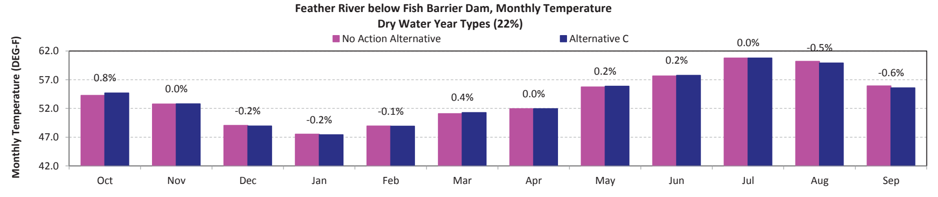
Feather River below Fish Barrier Dam, Monthly Temperature
Wet Water Year Types (32%)



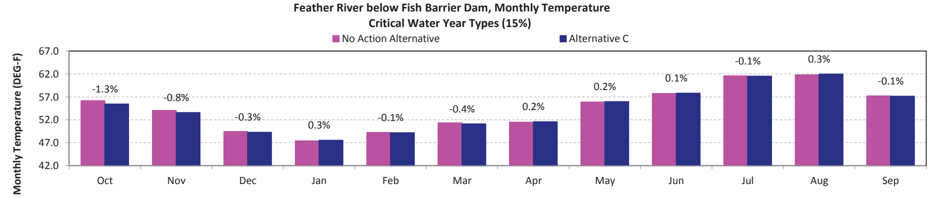
Feather River below Fish Barrier Dam, Monthly Temperature
Above Normal Water Year Types (15%)



Feather River below Fish Barrier Dam, Monthly Temperature
Below Normal Water Year Types (17%)



Feather River below Fish Barrier Dam, Monthly Temperature
Dry Water Year Types (22%)



Feather River below Fish Barrier Dam, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-15-7b
Feather River below Fish Barrier Dam, Monthly Temperature
Probability of Exceedance

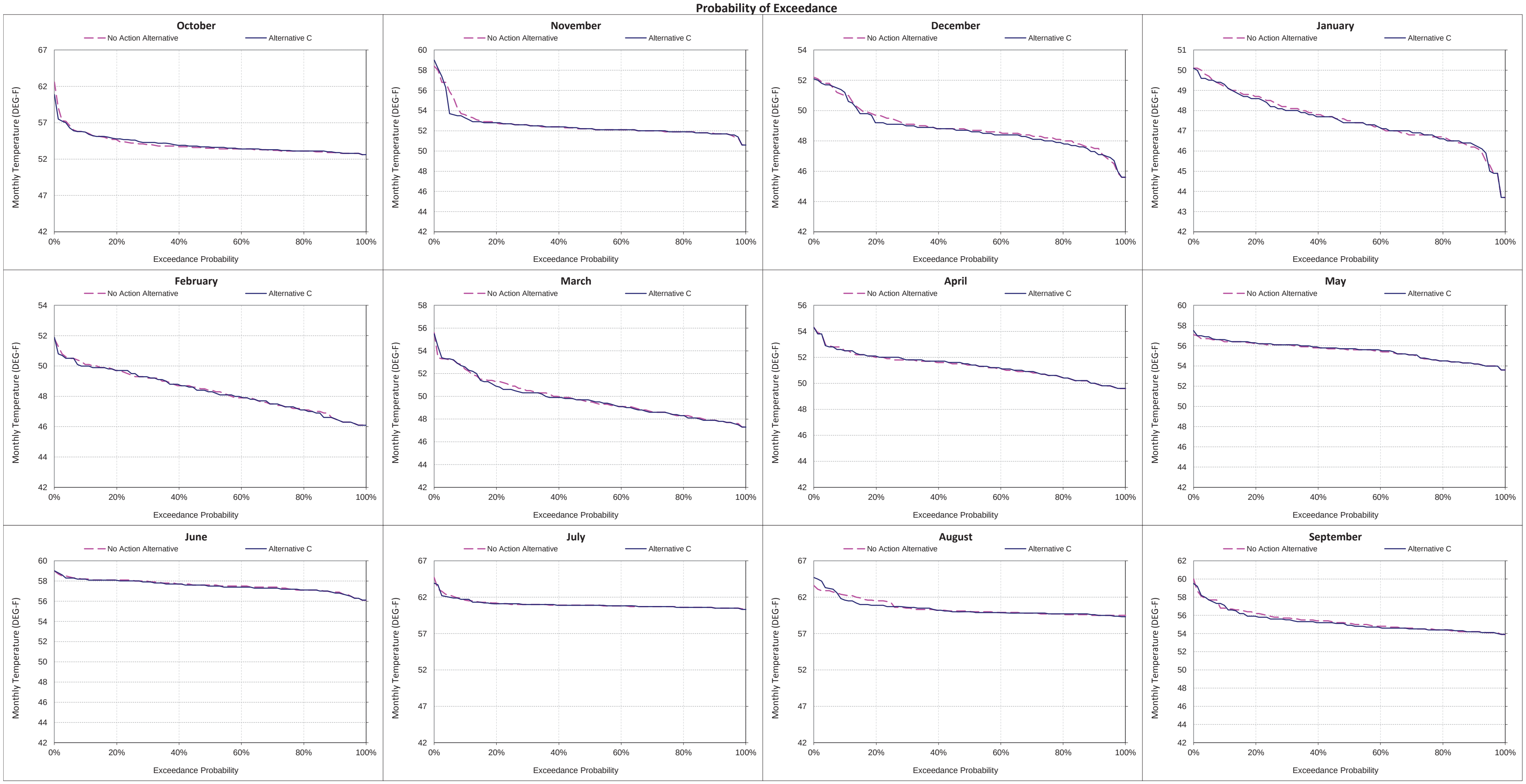


Table SQ-15-7b

Feather River below Fish Barrier Dam, Monthly Temperature
Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	62.6	60.9	-1.7	-2.7%
1.2%	59.1	57.5	-1.6	-2.7%
2.5%	57.3	57.2	-0.1	-0.2%
3.7%	57.2	57.0	-0.2	-0.3%
4.9%	56.6	56.3	-0.3	-0.5%
6.2%	56.0	55.9	-0.1	-0.2%
7.4%	55.8	55.8	0.0	0.0%
8.6%	55.8	55.8	0.0	0.0%
9.9%	55.7	55.7	0.0	0.0%
11.1%	55.5	55.4	-0.1	-0.2%
12.3%	55.2	55.2	0.0	0.0%
13.6%	55.2	55.1	-0.1	-0.2%
14.8%	55.1	55.1	0.0	0.0%
16.0%	55.0	55.1	0.1	0.2%
17.3%	54.8	55.0	0.2	0.4%
18.5%	54.7	54.9	0.2	0.4%
19.8%	54.7	54.8	0.1	0.2%
21.0%	54.4	54.8	0.4	0.7%
22.2%	54.4	54.7	0.3	0.6%
23.5%	54.3	54.7	0.4	0.7%
24.7%	54.2	54.6	0.4	0.7%
25.9%	54.2	54.6	0.4	0.7%
27.2%	54.1	54.4	0.3	0.6%
28.4%	54.1	54.3	0.2	0.4%
29.6%	54.0	54.3	0.3	0.6%
30.9%	54.0	54.3	0.3	0.6%
32.1%	53.9	54.3	0.4	0.7%
33.3%	53.8	54.2	0.4	0.7%
34.6%	53.8	54.2	0.4	0.7%
35.8%	53.8	54.2	0.4	0.7%
37.0%	53.8	54.1	0.3	0.6%
38.3%	53.8	54.0	0.2	0.4%
39.5%	53.7	53.9	0.2	0.4%
40.7%	53.7	53.9	0.2	0.4%
42.0%	53.7	53.9	0.2	0.4%
43.2%	53.7	53.8	0.1	0.2%
44.4%	53.6	53.8	0.2	0.4%
45.7%	53.6	53.8	0.2	0.4%
46.9%	53.6	53.7	0.1	0.2%
48.1%	53.5	53.7	0.2	0.4%
49.4%	53.5	53.7	0.2	0.4%
50.6%	53.5	53.6	0.1	0.2%
51.9%	53.5	53.6	0.1	0.2%
53.1%	53.4	53.6	0.2	0.4%
54.3%	53.4	53.6	0.2	0.4%
55.6%	53.4	53.5	0.1	0.2%
56.8%	53.4	53.5	0.1	0.2%
58.0%	53.4	53.5	0.1	0.2%
59.3%	53.4	53.4	0.0	0.0%
60.5%	53.4	53.4	0.0	0.0%
61.7%	53.4	53.4	0.0	0.0%
63.0%	53.4	53.4	0.0	0.0%
64.2%	53.3	53.4	0.1	0.2%
65.4%	53.3	53.4	0.1	0.2%
66.7%	53.3	53.3	0.0	0.0%
67.9%	53.3	53.3	0.0	0.0%
69.1%	53.2	53.3	0.1	0.2%
70.4%	53.2	53.3	0.1	0.2%
71.6%	53.2	53.3	0.1	0.2%
72.8%	53.1	53.2	0.1	0.2%
74.1%	53.1	53.2	0.1	0.2%
75.3%	53.1	53.2	0.1	0.2%
76.5%	53.1	53.1	0.0	0.0%
77.8%	53.1	53.1	0.0	0.0%
79.0%	53.1	53.1	0.0	0.0%
80.2%	53.1	53.1	0.0	0.0%
81.5%	53.1	53.1	0.0	0.0%
82.7%	53.1	53.1	0.0	0.0%
84.0%	53.0	53.1	0.1	0.2%
85.2%	53.0	53.1	0.1	0.2%
86.4%	53.0	53.1	0.1	0.2%
87.7%	52.9	53.0	0.1	0.2%
88.9%	52.9	53.0	0.1	0.2%
90.1%	52.9	52.9	0.0	0.0%
91.4%	52.8	52.9	0.1	0.2%
92.6%	52.8	52.8	0.0	0.0%
93.8%	52.8	52.8	0.0	0.0%
95.1%	52.8	52.8	0.0	0.0%
96.3%	52.8	52.8	0.0	0.0%
97.5%	52.8	52.8	0.0	0.0%
98.8%	52.6	52.6	0.0	0.0%
100.0%	52.6	52.6	0.0	0.0%

November

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	58.4	59.0	0.6	1.0%
1.2%	58.0	58.2	0.2	0.3%
2.5%	56.8	57.4	0.6	1.1%
3.7%	56.8	56.3	-0.5	-0.9%
4.9%	55.9	53.7	-2.2	-3.9%
6.2%	55.3	53.6	-1.7	-3.1%
7.4%	54.3	53.5	-0.8	-1.5%
8.6%	53.7	53.5	-0.2	-0.4%
9.9%	53.6	53.3	-0.3	-0.6%
11.1%	53.4	53.1	-0.3	-0.6%
12.3%	53.3	52.9	-0.4	-0.8%
13.6%	53.1	52.9	-0.2	-0.4%
14.8%	53.0	52.9	-0.1	-0.2%
16.0%	52.9	52.8	-0.1	-0.2%
17.3%	52.9	52.8	-0.1	-0.2%
18.5%	52.9	52.8	-0.1	-0.2%
19.8%	52.8	52.8	0.0	0.0%
21.0%	52.7	52.8	0.1	0.2%
22.2%	52.7	52.7	0.0	0.0%
23.5%	52.7	52.7	0.0	0.0%
24.7%	52.7	52.7	0.0	0.0%
25.9%	52.6	52.6	0.0	0.0%
27.2%	52.6	52.6	0.0	0.0%
28.4%	52.6	52.6	0.0	0.0%
29.6%	52.6	52.6	0.0	0.0%
30.9%	52.5	52.5	0.0	0.0%
32.1%	52.5	52.5	0.0	0.0%
33.3%	52.5	52.5	0.0	0.0%
34.6%	52.4	52.5	0.1	0.2%
35.8%	52.4	52.4	0.0	0.0%
37.0%	52.4	52.4	0.0	0.0%
38.3%	52.4	52.4	0.0	0.0%
39.5%	52.4	52.4	0.0	0.0%
40.7%	52.4	52.4	0.0	0.0%
42.0%	52.3	52.4	0.1	0.2%
43.2%	52.3	52.3	0.0	0.0%
44.4%	52.3	52.3	0.0	0.0%
45.7%	52.2	52.3	0.1	0.2%
46.9%	52.2	52.2	0.0	0.0%
48.1%	52.2	52.2	0.0	0.0%
49.4%	52.2	52.2	0.0	0.0%
50.6%	52.2	52.2	0.0	0.0%
51.9%	52.1	52.1	0.0	0.0%
53.1%	52.1	52.1	0.0	0.0%
54.3%	52.1	52.1	0.0	0.0%
55.6%	52.1	52.1	0.0	0.0%
56.8%	52.1	52.1	0.0	0.0%
58.0%	52.1	52.1	0.0	0.0%
59.3%	52.1	52.1	0.0	0.0%
60.5%	52.1	52.1	0.0	0.0%
61.7%	52.1	52.1	0.0	0.0%
63.0%	52.1	52.1	0.0	0.0%
64.2%	52.1	52.1	0.0	0.0%
65.4%	52.0	52.0	0.0	0.0%
66.7%	52.0	52.0	0.0	0.0%
67.9%	52.0	52.0	0.0	0.0%
69.1%	52.0	52.0	0.0	0.0%
70.4%	52.0	52.0	0.0	0.0%
71.6%	52.0	52.0	0.0	0.0%
72.8%	52.0	52.0	0.0	0.0%
74.1%	51.9	52.0	0.1	0.2%
75.3%	51.9	51.9	0.0	0.0%
76.5%	51.9	51.9	0.0	0.0%
77.8%	51.9	51.9	0.0	0.0%
79.0%	51.9	51.9	0.0	0.0%
80.2%	51.9	51.9	0.0	0.0%
81.5%	51.9	51.9	0.0	0.0%
82.7%	51.9	51.9	0.0	0.0%
84.0%	51.9	51.8	-0.1	-0.2%
85.2%	51.8	51.8	0.0	0.0%
86.4%	51.8	51.8	0.0	0.0%
87.7%	51.8	51.8	0.0	0.0%
88.9%	51.8	51.7	-0.1	-0.2%
90.1%	51.7	51.7	0.0	0.0%
91.4%	51.7	51.7	0.0	0.0%
92.6%	51.7	51.7	0.0	0.0%
93.8%	51.7	51.7	0.0	0.0%
95.1%	51.6	51.6	0.0	0.0%
96.3%	51.4	51.6	0.2	0.4%
97.5%	51.3	51.4	0.1	0.2%
98.8%	50.6	50.6	0.0	0.0%
100.0%	50.6	50.6	0.0	0.0%

December

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	52.2	52.1	-0.1	-0.2%
1.2%	52.1	52.0	-0.1	-0.2%
2.5%	51.9	51.8	-0.1	-0.2%
3.7%	51.8	51.7	-0.1	-0.2%
4.9%	51.8	51.7	-0.1	-0.2%
6.2%	51.5	51.6	0.1	0.2%
7.4%	51.2	51.5	0.3	0.6%
8.6%	51.1	51.4	0.3	0.6%
9.9%	51.0	51.2	0.2	0.4%
11.1%	51.0	50.6	-0.4	-0.8%
12.3%	50.6	50.5	-0.1	-0.2%
13.6%	50.3	50.2	-0.1	-0.2%
14.8%	50.1	49.8	-0.3	-0.6%
16.0%	49.9	49.8	-0.1	-0.2%
17.3%	49.9	49.8	-0.1	-0.2%
18.5%	49.8	49.7	-0.1	-0.2%
19.8%	49.7	49.2	-0.5	-1.0%
21.0%	49.7	49.2	-0.5	-1.0%
22.2%	49.6	49.2	-0.4	-0.8%
23.5%	49.5	49.1	-0.4	-0.8%
24.7%	49.5	49.1	-0.4	-0.8%
25.9%	49.4	49.1	-0.3	-0.6%
27.2%	49.3	49.1	-0.2	-0.4%
28.4%	49.2	49.1	-0.1	-0.2%
29.6%	49.1	49.0	-0.1	-0.2%
30.9%	49.1	49.0	-0.1	-0.2%
32.1%	49.1	49.0	-0.1	-0.2%
33.3%	49.0	48.9	-0.1	-0.2%
34.6%	49.0	48.9	-0.1	-0.2%
35.8%	49.0	48.9	-0.1	-0.2%
37.0%	48.9	48.9	0.0	0.0%
38.3%	48.9	48.9	0.0	0.0%
39.5%	48.8	48.8	0.0	0.0%
40.7%	48.8	48.8	0.0	0.0%
42.0%	48.8	48.8	0.0	0.0%
43.2%	48.8	48.8	0.0	0.0%
44.4%	48.8	48.8	0.0	0.0%
45.7%	48.8	48.7	-0.1	-0.2%
46.9%	48.8	48.7	-0.1	-0.2%
48.1%	48.8	48.7	-0.1	-0.2%
49.4%	48.7	48.7	0.0	0.0%
50.6%	48.7	48.6	-0.1	-0.2%
51.9%	48.7	48.6	-0.1	-0.2%
53.1%	48.7	48.6	-0.1	-0.2%
54.3%	48.7	48.5	-0.2	-0.4%
55.6%	48.6	48.5	-0.1	-0.2%
56.8%	48.6	48.5	-0.1	-0.2%
58.0%	48.6	48.4	-0.2	-0.4%
59.3%	48.6	48.4	-0.2	-0.4%
60.5%	48.5	48.4	-0.1	-0.2%
61.7%	48.5	48.4	-0.1	-0.2%
63.0%	48.5	48.4	-0.1	-0.2%
64.2%	48.5	48.4	-0.1	-0.2%
65.4%	48.5	48.4	-0.1	-0.2%
66.7%	48.4	48.3	-0.1	-0.2%
67.9%	48.4	48.3	-0.1	-0.2%
69.1%	48.4	48.2	-0.2	-0.4%
70.4%	48.3	48.1	-0.2	-0.4%
71.6%	48.3	48.1	-0.2	-0.4%
72.8%	48.3	48.1	-0.2	-0.4%
74.1%	48.2	48.0	-0.2	-0.4%
75.3%	48.2	48.0	-0.2	-0.4%
76.5%	48.2	48.0	-0.2	-0.4%
77.8%	48.1	47.9	-0.2	-0.4%
79.0%	48.1	47.9	-0.2	-0.4%
80.2%	48.0	47.8	-0.2	-0.4%
81.5%	48.0	47.8	-0.2	-0.4%
82.7%	48.0	47.7	-0.3	-0.6%
84.0%	47.8	47.7	-0.1	-0.2%
85.2%	47.8	47.6	-0.2	-0.4%
86.4%	47.7	47.6	-0.1	-0.2%
87.7%	47.6	47.5	-0.1	-0.2%
88.9%	47.6	47.3	-0.3	-0.6%
90.1%	47.5	47.3	-0.2	-0.4%
91.4%	47.5	47.1	-0.4	-0.8%
92.6%	47.1	47.1	0.0	0.0%
93.8%	46.9	47.0	0.1	0.2%
95.1%	46.7	46.9	0.2	0.4%
96.3%	46.5	46.7	0.2	0.4%
97.5%	45.9	46.0	0.1	0.2%
98.8%	45.6	45.6	0.0	0.0%
100.0%	45.6	45.6	0.0	0.0%

January

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	50.1	50.1	0.0	0.0%
1.2%	50.1	50.0	-0.1	-0.2%
2.5%	50.0	49.6	-0.4	-0.8%
3.7%	49.8	49.6	-0.2	-0.4%
4.9%	49.7	49.5	-0.2	-0.4%
6.2%	49.5	49.5	0.0	0.0%
7.4%	49.4	49.4	0.0	0.0%
8.6%	49.3	49.4	0.1	0.2%
9.9%	49.2	49.3	0.1	0.2%
11.1%	49.1	49.1	0.0	0.0%
12.3%	49.0	49.0	0.0	0.0%
13.6%	49.0	48.9	-0.1	-0.2%
14.8%	48.9	48.8	-0.1	-0.2%
16.0%	48.8	48.7	-0.1	-0.2%
17.3%	48.8	48.7	-0.1	-0.2%
18.5%	48.8	48.6	-0.2	-0.4%
19.8%	48.7	48.6	-0.1	-0.2%
21.0%	48.7	48.6	-0.1	-0.2%
22.2%	48.6	48.5	-0.1	-0.2%
23.5%	48.5	48.4	-0.1	-0.2%
24.7%	48.5	48.2	-0.3	-0.6%
25.9%	48.4	48.2	-0.2	-0.4%
27.2%	48.3	48.1	-0.2	-0.4%
28.4%	48.2	48.1	-0.1	-0.2%
29.6%	48.2	48.0	-0.2	-0.4%
30.9%	48.1	48.0	-0.1	-0.2%
32.1%	48.1	48.0	-0.1	-0.2%
33.3%	48.1	48.0	-0.1	-0.2%
34.6%	48.0	47.9	-0.1	-0.2%
35.8%	48.0	47.9	-0.1	-0.2%
37.0%	47.9	47.8	-0.1	-0.2%
38.3%	47.9	47.8	-0.1	-0.2%
39.5%	47.8	47.7	-0.1	-0.2%
40.7%	47.8	47.7	-0.1	-0.2%
42.0%	47.7	47.7	0.0	0.0%
43.2%	47.7	47.7	0.0	0.0%
44.4%	47.7	47.7	0.0	0.0%
45.7%	47.6	47.6	0.0	0.0%
46.9%	47.6	47.5	-0.1	-0.2%
48.1%	47.6	47.4	-0.2	-0.4%
49.4%	47.5	47.4	-0.1	-0.2%
50.6%	47.5	47.4	-0.1	-0.2%
51.9%	47.4	47.4	0.0	0.0%
53.1%	47.4	47.4	0.0	0.0%
54.3%	47.4	47.4	0.0	0.0%
55.6%	47.3	47.3	0.0	0.0%
56.8%	47.3	47.3	0.0	0.0%
58.0%	47.2	47.3	0.1	0.2%
59.3%	47.2	47.2	0.0	0.0%
60.5%	47.1	47.1	0.0	0.0%
61.7%	47.0	47.1	0.1	0.2%
63.0%	47.0	47.0	0.0	0.0%
64.2%	47.0	47.0	0.0	0.0%
65.4%	47.0	47.0	0.0	0.0%
66.7%	46.9	47.0	0.1	0.2%
67.9%	46.9	47.0	0.1	0.2%
69.1%	46.8	47.0	0.2	0.4%
70.4%	46.8	46.9	0.1	0.2%
71.6%	46.8	46.9	0.1	0.2%
72.8%	46.8	46.9	0.1	0.2%
74.1%	46.8	46.8	0.0	0.0%
75.3%	46.8	46.8	0.0	0.0%
76.5%	46.7	46.8	0.1	0.2%
77.8%	46.7	46.7	0.0	0.0%
79.0%	46.7	46.6	-0.1	-0.2%
80.2%	46.7	46.6	-0.1	-0.2%
81.5%	46.6	46.5	-0.1	-0.2%
82.7%	46.5	46.5	0.0	0.0%
84.0%	46.5	46.5	0.0	0.0%
85.2%	46.4	46.5	0.1	0.2%
86.4%	46.4	46.4	0.0	0.0%
87.7%	46.3	46.4	0.1	0.2%
88.9%	46.2	46.4	0.2	0.4%
90.1%	46.2	46.3	0.1	0.2%
91.4%	46.1	46.2	0.1	0.2%
92.6%	45.9	46.1	0.2	0.4%
93.8%	45.5	45.9	0.4	0.9%
95.1%	45.3	45.0	-0.3	-0.7%
96.3%	44.9	44.9	0.0	0.0%
97.5%	44.9	44.9	0.0	0.0%
98.8%	43.7	43.7	0.0	0.0%
100.0%	43.7	43.7	0.0	0.0%

Table SQ-15-7b

Feather River below Fish Barrier Dam, Monthly Temperature

Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	51.8	51.9	0.1	0.2%
1.2%	51.3	50.8	-0.5	-1.0%
2.5%	50.8	50.7	-0.1	-0.2%
3.7%	50.6	50.5	-0.1	-0.2%
4.9%	50.5	50.5	0.0	0.0%
6.2%	50.5	50.5	0.0	0.0%
7.4%	50.4	50.1	-0.3	-0.6%
8.6%	50.3	50.0	-0.3	-0.6%
9.9%	50.1	50.0	-0.1	-0.2%
11.1%	50.1	50.0	-0.1	-0.2%
12.3%	50.0	49.9	-0.1	-0.2%
13.6%	50.0	49.9	-0.1	-0.2%
14.8%	49.9	49.9	0.0	0.0%
16.0%	49.9	49.9	0.0	0.0%
17.3%	49.9	49.8	-0.1	-0.2%
18.5%	49.8	49.8	0.0	0.0%
19.8%	49.7	49.7	0.0	0.0%
21.0%	49.7	49.7	0.0	0.0%
22.2%	49.6	49.7	0.1	0.2%
23.5%	49.5	49.7	0.2	0.4%
24.7%	49.4	49.5	0.1	0.2%
25.9%	49.3	49.5	0.2	0.4%
27.2%	49.3	49.3	0.0	0.0%
28.4%	49.3	49.3	0.0	0.0%
29.6%	49.2	49.3	0.1	0.2%
30.9%	49.2	49.2	0.0	0.0%
32.1%	49.2	49.2	0.0	0.0%
33.3%	49.2	49.1	-0.1	-0.2%
34.6%	49.0	49.1	0.1	0.2%
35.8%	49.0	49.0	0.0	0.0%
37.0%	48.9	48.8	-0.1	-0.2%
38.3%	48.8	48.8	0.0	0.0%
39.5%	48.7	48.8	0.1	0.2%
40.7%	48.7	48.7	0.0	0.0%
42.0%	48.7	48.7	0.0	0.0%
43.2%	48.7	48.6	-0.1	-0.2%
44.4%	48.6	48.6	0.0	0.0%
45.7%	48.6	48.4	-0.2	-0.4%
46.9%	48.5	48.4	-0.1	-0.2%
48.1%	48.5	48.4	-0.1	-0.2%
49.4%	48.4	48.3	-0.1	-0.2%
50.6%	48.4	48.3	-0.1	-0.2%
51.9%	48.3	48.2	-0.1	-0.2%
53.1%	48.3	48.1	-0.2	-0.4%
54.3%	48.2	48.1	-0.1	-0.2%
55.6%	48.1	48.1	0.0	0.0%
56.8%	48.0	48.1	0.1	0.2%
58.0%	47.9	48.0	0.1	0.2%
59.3%	47.9	48.0	0.1	0.2%
60.5%	47.9	47.9	0.0	0.0%
61.7%	47.9	47.9	0.0	0.0%
63.0%	47.9	47.8	-0.1	-0.2%
64.2%	47.8	47.8	0.0	0.0%
65.4%	47.7	47.7	0.0	0.0%
66.7%	47.6	47.7	0.1	0.2%
67.9%	47.6	47.7	0.1	0.2%
69.1%	47.5	47.5	0.0	0.0%
70.4%	47.5	47.5	0.0	0.0%
71.6%	47.4	47.5	0.1	0.2%
72.8%	47.4	47.4	0.0	0.0%
74.1%	47.3	47.3	0.0	0.0%
75.3%	47.3	47.3	0.0	0.0%
76.5%	47.2	47.3	0.1	0.2%
77.8%	47.2	47.2	0.0	0.0%
79.0%	47.2	47.1	-0.1	-0.2%
80.2%	47.1	47.1	0.0	0.0%
81.5%	47.1	47.0	-0.1	-0.2%
82.7%	47.0	47.0	0.0	0.0%
84.0%	47.0	46.9	-0.1	-0.2%
85.2%	47.0	46.9	-0.1	-0.2%
86.4%	46.9	46.6	-0.3	-0.6%
87.7%	46.9	46.6	-0.3	-0.6%
88.9%	46.6	46.6	0.0	0.0%
90.1%	46.5	46.5	0.0	0.0%
91.4%	46.4	46.4	0.0	0.0%
92.6%	46.3	46.3	0.0	0.0%
93.8%	46.3	46.3	0.0	0.0%
95.1%	46.3	46.3	0.0	0.0%
96.3%	46.2	46.2	0.0	0.0%
97.5%	46.1	46.1	0.0	0.0%
98.8%	46.1	46.1	0.0	0.0%
100.0%	46.1	46.1	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	55.6	55.5	-0.1	-0.2%
1.2%	53.4	54.4	1.0	1.9%
2.5%	53.3	53.4	0.1	0.2%
3.7%	53.3	53.3	0.0	0.0%
4.9%	53.2	53.3	0.1	0.2%
6.2%	53.2	53.2	0.0	0.0%
7.4%	52.9	52.9	0.0	0.0%
8.6%	52.8	52.7	-0.1	-0.2%
9.9%	52.4	52.6	0.2	0.4%
11.1%	52.2	52.3	0.1	0.2%
12.3%	51.9	52.2	0.3	0.6%
13.6%	51.8	52.0	0.2	0.4%
14.8%	51.5	51.4	-0.1	-0.2%
16.0%	51.5	51.3	-0.2	-0.4%
17.3%	51.4	51.3	-0.1	-0.2%
18.5%	51.4	51.1	-0.3	-0.6%
19.8%	51.3	50.9	-0.4	-0.8%
21.0%	51.3	50.8	-0.5	-1.0%
22.2%	51.2	50.6	-0.6	-1.2%
23.5%	51.1	50.6	-0.5	-1.0%
24.7%	50.9	50.6	-0.3	-0.6%
25.9%	50.9	50.5	-0.4	-0.8%
27.2%	50.7	50.4	-0.3	-0.6%
28.4%	50.7	50.3	-0.4	-0.8%
29.6%	50.5	50.3	-0.2	-0.4%
30.9%	50.5	50.3	-0.2	-0.4%
32.1%	50.4	50.3	-0.1	-0.2%
33.3%	50.3	50.3	0.0	0.0%
34.6%	50.3	50.2	-0.1	-0.2%
35.8%	50.3	50.0	-0.3	-0.6%
37.0%	50.2	49.9	-0.3	-0.6%
38.3%	50.0	49.9	-0.1	-0.2%
39.5%	50.0	49.9	-0.1	-0.2%
40.7%	49.9	49.9	0.0	0.0%
42.0%	49.9	49.8	-0.1	-0.2%
43.2%	49.9	49.8	-0.1	-0.2%
44.4%	49.8	49.8	0.0	0.0%
45.7%	49.7	49.7	0.0	0.0%
46.9%	49.7	49.7	0.0	0.0%
48.1%	49.6	49.7	0.1	0.2%
49.4%	49.5	49.7	0.2	0.4%
50.6%	49.5	49.6	0.1	0.2%
51.9%	49.4	49.5	0.1	0.2%
53.1%	49.3	49.5	0.2	0.4%
54.3%	49.3	49.4	0.1	0.2%
55.6%	49.3	49.4	0.1	0.2%
56.8%	49.2	49.3	0.1	0.2%
58.0%	49.2	49.2	0.0	0.0%
59.3%	49.1	49.1	0.0	0.0%
60.5%	49.1	49.1	0.0	0.0%
61.7%	49.1	49.0	-0.1	-0.2%
63.0%	49.1	49.0	-0.1	-0.2%
64.2%	49.0	48.9	-0.1	-0.2%
65.4%	48.9	48.8	-0.1	-0.2%
66.7%	48.8	48.8	0.0	0.0%
67.9%	48.8	48.7	-0.1	-0.2%
69.1%	48.7	48.6	-0.1	-0.2%
70.4%	48.6	48.6	0.0	0.0%
71.6%	48.6	48.6	0.0	0.0%
72.8%	48.6	48.6	0.0	0.0%
74.1%	48.6	48.6	0.0	0.0%
75.3%	48.5	48.5	0.0	0.0%
76.5%	48.4	48.4	0.0	0.0%
77.8%	48.3	48.4	0.1	0.2%
79.0%	48.3	48.3	0.0	0.0%
80.2%	48.3	48.3	0.0	0.0%
81.5%	48.3	48.1	-0.2	-0.4%
82.7%	48.2	48.1	-0.1	-0.2%
84.0%	48.1	48.1	0.0	0.0%
85.2%	48.1	48.0	-0.1	-0.2%
86.4%	48.0	47.9	-0.1	-0.2%
87.7%	47.9	47.9	0.0	0.0%
88.9%	47.9	47.9	0.0	0.0%
90.1%	47.9	47.9	0.0	0.0%
91.4%	47.8	47.8	0.0	0.0%
92.6%	47.8	47.8	0.0	0.0%
93.8%	47.7	47.7	0.0	0.0%
95.1%	47.7	47.7	0.0	0.0%
96.3%	47.6	47.6	0.0	0.0%
97.5%	47.6	47.5	-0.1	-0.2%
98.8%	47.3	47.3	0.0	0.0%
100.0%	47.3	47.3	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.3	54.3	0.0	0.0%
1.2%	53.9	53.8	-0.1	-0.2%
2.5%	53.8	53.8	0.0	0.0%
3.7%	53.0	52.9	-0.1	-0.2%
4.9%	52.9	52.8	-0.1	-0.2%
6.2%	52.8	52.8	0.0	0.0%
7.4%	52.8	52.6	-0.2	-0.4%
8.6%	52.8	52.6	-0.2	-0.4%
9.9%	52.5	52.5	0.0	0.0%
11.1%	52.5	52.5	0.0	0.0%
12.3%	52.3	52.5	0.2	0.4%
13.6%	52.2	52.3	0.1	0.2%
14.8%	52.2	52.2	0.0	0.0%
16.0%	52.2	52.2	0.0	0.0%
17.3%	52.1	52.1	0.0	0.0%
18.5%	52.1	52.1	0.0	0.0%
19.8%	52.0	52.1	0.1	0.2%
21.0%	52.0	52.0	0.0	0.0%
22.2%	52.0	52.0	0.0	0.0%
23.5%	51.9	52.0	0.1	0.2%
24.7%	51.9	52.0	0.1	0.2%
25.9%	51.8	52.0	0.2	0.4%
27.2%	51.8	52.0	0.2	0.4%
28.4%	51.8	51.9	0.1	0.2%
29.6%	51.8	51.8	0.0	0.0%
30.9%	51.8	51.8	0.0	0.0%
32.1%	51.8	51.8	0.0	0.0%
33.3%	51.7	51.8	0.1	0.2%
34.6%	51.7	51.8	0.1	0.2%
35.8%	51.7	51.7	0.0	0.0%
37.0%	51.7	51.7	0.0	0.0%
38.3%	51.7	51.7	0.0	0.0%
39.5%	51.6	51.7	0.1	0.2%
40.7%	51.6	51.7	0.1	0.2%
42.0%	51.6	51.7	0.1	0.2%
43.2%	51.6	51.6	0.0	0.0%
44.4%	51.5	51.6	0.1	0.2%
45.7%	51.5	51.6	0.1	0.2%
46.9%	51.5	51.6	0.1	0.2%
48.1%	51.5	51.5	0.0	0.0%
49.4%	51.4	51.5	0.1	0.2%
50.6%	51.4	51.4	0.0	0.0%
51.9%	51.4	51.4	0.0	0.0%
53.1%	51.3	51.3	0.0	0.0%
54.3%	51.3	51.3	0.0	0.0%
55.6%	51.2	51.3	0.1	0.2%
56.8%	51.2	51.2	0.0	0.0%
58.0%	51.2	51.2	0.0	0.0%
59.3%	51.1	51.2	0.1	0.2%
60.5%	51.1	51.1	0.0	0.0%
61.7%	51.0	51.1	0.1	0.2%
63.0%	51.0	51.1	0.1	0.2%
64.2%	51.0	51.0	0.0	0.0%
65.4%	50.9	51.0	0.1	0.2%
66.7%	50.9	51.0	0.1	0.2%
67.9%	50.9	50.9	0.0	0.0%
69.1%	50.9	50.9	0.0	0.0%
70.4%	50.8	50.9	0.1	0.2%
71.6%	50.8	50.8	0.0	0.0%
72.8%	50.7	50.7	0.0	0.0%
74.1%	50.7	50.7	0.0	0.0%
75.3%	50.6	50.6	0.0	0.0%
76.5%	50.6	50.6	0.0	0.0%
77.8%	50.6	50.6	0.0	0.0%
79.0%	50.5	50.5	0.0	0.0%
80.2%	50.4	50.4	0.0	0.0%
81.5%	50.4	50.4	0.0	0.0%
82.7%	50.3	50.3	0.0	0.0%
84.0%	50.2	50.2	0.0	0.0%
85.2%	50.2	50.2	0.0	0.0%
86.4%	50.2	50.2	0.0	0.0%
87.7%	50.2	50.2	0.0	0.0%
88.9%	50.0	50.0	0.0	0.0%
90.1%	50.0	50.0	0.0	0.0%
91.4%	49.9	49.9	0.0	0.0%
92.6%	49.8	49.8	0.0	0.0%
93.8%	49.8	49.8	0.0	0.0%
95.1%	49.8	49.8	0.0	0.0%
96.3%	49.7	49.7	0.0	0.0%
97.5%	49.6	49.6	0.0	0.0%
98.8%	49.6	49.6	0.0	0.0%
100.0%	49.6	49.6	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	57.1	57.5	0.4	0.7%
1.2%	57.0	57.0	0.0	0.0%
2.5%	56.7	57.0	0.3	0.5%
3.7%	56.7	56.9	0.2	0.4%
4.9%	56.7	56.9	0.2	0.4%
6.2%	56.6	56.7	0.1	0.2%
7.4%	56.6	56.6	0.0	0.0%
8.6%	56.6	56.6	0.0	0.0%
9.9%	56.4	56.6	0.2	0.4%
11.1%	56.4	56.5	0.1	0.2%
12.3%	56.4	56.4	0.0	0.0%
13.6%	56.4	56.4	0.0	0.0%
14.8%	56.4	56.4	0.0	0.0%
16.0%	56.4	56.4	0.0	0.0%
17.3%	56.3	56.4	0.1	0.2%
18.5%	56.3	56.3	0.0	0.0%
19.8%	56.2	56.3	0.1	0.2%
21.0%	56.2	56.2	0.0	0.0%
22.2%	56.2	56.2	0.0	0.0%
23.5%	56.1	56.2	0.1	0.2%
24.7%	56.1	56.2	0.1	0.2%
25.9%	56.1	56.1	0.0	0.0%
27.2%	56.1	56.1	0.0	0.0%
28.4%	56.1	56.1	0.0	0.0%
29.6%	56.1	56.1	0.0	0.0%
30.9%	56.1	56.1	0.0	0.0%
32.1%	56.0	56.1	0.1	0.2%
33.3%	56.0	56.1	0.1	0.2%
34.6%	55.9	56.0	0.1	0.2%
35.8%	55.9	56.0	0.1	0.2%
37.0%	55.9	56.0	0.1	0.2%
38.3%	55.8	55.9	0.1	0.2%
39.5%	55.8	55.9	0.1	0.2%
40.7%	55.8	55.8	0.0	0.0%
42.0%	55.8	55.8	0.0	0.0%
43.2%	55.7	55.8	0.1	0.2%
44.4%	55.7	55.8	0.1	0.2%
45.7%	55.7	55.8	0.1	0.2%
46.9%	55.7	55.7	0.0	0.0%
48.1%	55.7	55.7	0.0	0.0%
49.4%	55.6	55.7	0.1	0.2%
50.6%	55.6	55.7	0.1	0.2%
51.9%	55.6	55.7	0.1	0.2%
53.1%	55.6	55.6	0.0	0.0%
54.3%	55.6	55.6	0.0	0.0%
55.6%	55.6	55.6	0.0	0.0%
56.8%	55.6	55.6	0.0	0.0%
58.0%	55.5	55.6	0.1	0.2%
59.3%	55.5	55.6	0.1	0.2%
60.5%	55.4	55.5	0.1	0.2%
61.7%	55.4	55.5	0.1	0.2%
63.0%	55.4	55.5	0.1	0.2%
64.2%	55.3	55.4	0.1	0.2%
65.4%	55.2	55.2	0.0	0.0%
66.7%	55.2	55.2	0.0	0.0%
67.9%	55.2	55.2	0.0	0.0%
69.1%	55.1	55.1	0.0	0.0%
70.4%	55.1	55.1	0.0	0.0%
71.6%	55.0	55.1	0.1	0.2%
72.8%	54.8	54.8	0.0	0.0%
74.1%	54.7	54.8	0.1	0.2%
75.3%	54.7	54.7	0.0	0.0%
76.5%	54.6	54.6	0.0	0.0%
77.8%	54.6	54.6	0.0	0.0%
79.0%	54.5	54.5	0.0	0.0%
80.2%	54.5	54.5	0.0	0.0%
81.5%	54.5	54.5	0.0	0.0%
82.7%	54.4	54.4	0.0	0.0%
84.0%	54.4	54.4	0.0	0.0%
85.2%	54.4	54.4	0.0	0.0%
86.4%	54.3	54.3	0.0	0.0%
87.7%	54.3	54.3	0.0	0.0%
88.9%	54.3	54.3	0.0	0.0%
90.1%	54.2	54.2	0.0	0.0%
91.4%	54.2	54.2	0.0	0.0%
92.6%	54.1	54.1	0.0	0.0%
93.8%	54.0	54.0	0.0	0.0%
95.1%	54.0	54.0	0.0	0.0%
96.3%	54.0	54.0	0.0	0.0%
97.5%	54.0	54.0	0.0	0.0%
98.8%	53.6	53.6	0.0	0.0%
100.0%	53.6	53.6	0.0	0.0%

Table SQ-15-7b

Feather River below Fish Barrier Dam, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	59.0	59.0	0.0	0.0%
1.2%	58.7	58.8	0.1	0.2%
2.5%	58.5	58.6	0.1	0.2%
3.7%	58.5	58.3	-0.2	-0.3%
4.9%	58.4	58.3	-0.1	-0.2%
6.2%	58.3	58.3	0.0	0.0%
7.4%	58.3	58.2	-0.1	-0.2%
8.6%	58.2	58.2	0.0	0.0%
9.9%	58.2	58.2	0.0	0.0%
11.1%	58.2	58.1	-0.1	-0.2%
12.3%	58.1	58.1	0.0	0.0%
13.6%	58.1	58.1	0.0	0.0%
14.8%	58.1	58.1	0.0	0.0%
16.0%	58.1	58.1	0.0	0.0%
17.3%	58.1	58.1	0.0	0.0%
18.5%	58.1	58.1	0.0	0.0%
19.8%	58.1	58.1	0.0	0.0%
21.0%	58.1	58.0	-0.1	-0.2%
22.2%	58.1	58.0	-0.1	-0.2%
23.5%	58.1	58.0	-0.1	-0.2%
24.7%	58.1	58.0	-0.1	-0.2%
25.9%	58.0	58.0	0.0	0.0%
27.2%	58.0	58.0	0.0	0.0%
28.4%	58.0	57.9	-0.1	-0.2%
29.6%	58.0	57.9	-0.1	-0.2%
30.9%	57.9	57.9	0.0	0.0%
32.1%	57.9	57.8	-0.1	-0.2%
33.3%	57.9	57.8	-0.1	-0.2%
34.6%	57.8	57.8	0.0	0.0%
35.8%	57.8	57.7	-0.1	-0.2%
37.0%	57.8	57.7	-0.1	-0.2%
38.3%	57.8	57.7	-0.1	-0.2%
39.5%	57.7	57.7	0.0	0.0%
40.7%	57.7	57.7	0.0	0.0%
42.0%	57.7	57.6	-0.1	-0.2%
43.2%	57.7	57.6	-0.1	-0.2%
44.4%	57.6	57.6	0.0	0.0%
45.7%	57.6	57.6	0.0	0.0%
46.9%	57.6	57.6	0.0	0.0%
48.1%	57.6	57.6	0.0	0.0%
49.4%	57.6	57.5	-0.1	-0.2%
50.6%	57.6	57.5	-0.1	-0.2%
51.9%	57.6	57.5	-0.1	-0.2%
53.1%	57.5	57.5	0.0	0.0%
54.3%	57.5	57.4	-0.1	-0.2%
55.6%	57.5	57.4	-0.1	-0.2%
56.8%	57.5	57.4	-0.1	-0.2%
58.0%	57.5	57.4	-0.1	-0.2%
59.3%	57.5	57.4	-0.1	-0.2%
60.5%	57.5	57.4	-0.1	-0.2%
61.7%	57.5	57.4	-0.1	-0.2%
63.0%	57.4	57.4	0.0	0.0%
64.2%	57.4	57.3	-0.1	-0.2%
65.4%	57.4	57.3	-0.1	-0.2%
66.7%	57.4	57.3	-0.1	-0.2%
67.9%	57.4	57.3	-0.1	-0.2%
69.1%	57.4	57.3	-0.1	-0.2%
70.4%	57.4	57.3	-0.1	-0.2%
71.6%	57.4	57.3	-0.1	-0.2%
72.8%	57.3	57.2	-0.1	-0.2%
74.1%	57.3	57.2	-0.1	-0.2%
75.3%	57.2	57.2	0.0	0.0%
76.5%	57.2	57.2	0.0	0.0%
77.8%	57.1	57.2	0.1	0.2%
79.0%	57.1	57.1	0.0	0.0%
80.2%	57.1	57.1	0.0	0.0%
81.5%	57.1	57.1	0.0	0.0%
82.7%	57.1	57.1	0.0	0.0%
84.0%	57.1	57.1	0.0	0.0%
85.2%	57.1	57.0	-0.1	-0.2%
86.4%	57.0	57.0	0.0	0.0%
87.7%	57.0	57.0	0.0	0.0%
88.9%	56.9	56.9	0.0	0.0%
90.1%	56.9	56.8	-0.1	-0.2%
91.4%	56.9	56.8	-0.1	-0.2%
92.6%	56.7	56.7	0.0	0.0%
93.8%	56.7	56.6	-0.1	-0.2%
95.1%	56.5	56.5	0.0	0.0%
96.3%	56.3	56.3	0.0	0.0%
97.5%	56.3	56.3	0.0	0.0%
98.8%	56.1	56.1	0.0	0.0%
100.0%	56.1	56.1	0.0	0.0%

July

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	64.7	63.9	-0.8	-1.2%
1.2%	63.1	63.7	0.6	1.0%
2.5%	62.8	62.2	-0.6	-1.0%
3.7%	62.4	62.1	-0.3	-0.5%
4.9%	62.3	62.0	-0.3	-0.5%
6.2%	62.1	61.9	-0.2	-0.3%
7.4%	61.9	61.9	0.0	0.0%
8.6%	61.9	61.7	-0.2	-0.3%
9.9%	61.6	61.7	0.1	0.2%
11.1%	61.5	61.7	0.2	0.3%
12.3%	61.5	61.3	-0.2	-0.3%
13.6%	61.4	61.3	-0.1	-0.2%
14.8%	61.3	61.3	0.0	0.0%
16.0%	61.3	61.2	-0.1	-0.2%
17.3%	61.3	61.2	-0.1	-0.2%
18.5%	61.2	61.1	-0.1	-0.2%
19.8%	61.2	61.1	-0.1	-0.2%
21.0%	61.1	61.1	0.0	0.0%
22.2%	61.1	61.1	0.0	0.0%
23.5%	61.1	61.1	0.0	0.0%
24.7%	61.0	61.1	0.1	0.2%
25.9%	61.0	61.1	0.1	0.2%
27.2%	61.0	61.1	0.1	0.2%
28.4%	61.0	61.0	0.0	0.0%
29.6%	61.0	61.0	0.0	0.0%
30.9%	61.0	61.0	0.0	0.0%
32.1%	61.0	61.0	0.0	0.0%
33.3%	61.0	61.0	0.0	0.0%
34.6%	61.0	61.0	0.0	0.0%
35.8%	61.0	61.0	0.0	0.0%
37.0%	60.9	61.0	0.1	0.2%
38.3%	60.9	61.0	0.1	0.2%
39.5%	60.9	60.9	0.0	0.0%
40.7%	60.9	60.9	0.0	0.0%
42.0%	60.9	60.9	0.0	0.0%
43.2%	60.9	60.9	0.0	0.0%
44.4%	60.9	60.9	0.0	0.0%
45.7%	60.9	60.9	0.0	0.0%
46.9%	60.9	60.9	0.0	0.0%
48.1%	60.9	60.9	0.0	0.0%
49.4%	60.9	60.9	0.0	0.0%
50.6%	60.9	60.9	0.0	0.0%
51.9%	60.9	60.9	0.0	0.0%
53.1%	60.9	60.9	0.0	0.0%
54.3%	60.8	60.9	0.1	0.2%
55.6%	60.8	60.8	0.0	0.0%
56.8%	60.8	60.8	0.0	0.0%
58.0%	60.8	60.8	0.0	0.0%
59.3%	60.8	60.8	0.0	0.0%
60.5%	60.8	60.8	0.0	0.0%
61.7%	60.8	60.8	0.0	0.0%
63.0%	60.7	60.8	0.1	0.2%
64.2%	60.7	60.8	0.1	0.2%
65.4%	60.7	60.7	0.0	0.0%
66.7%	60.7	60.7	0.0	0.0%
67.9%	60.7	60.7	0.0	0.0%
69.1%	60.7	60.7	0.0	0.0%
70.4%	60.7	60.7	0.0	0.0%
71.6%	60.7	60.7	0.0	0.0%
72.8%	60.7	60.7	0.0	0.0%
74.1%	60.7	60.7	0.0	0.0%
75.3%	60.7	60.7	0.0	0.0%
76.5%	60.7	60.7	0.0	0.0%
77.8%	60.7	60.6	-0.1	-0.2%
79.0%	60.6	60.6	0.0	0.0%
80.2%	60.6	60.6	0.0	0.0%
81.5%	60.6	60.6	0.0	0.0%
82.7%	60.6	60.6	0.0	0.0%
84.0%	60.6	60.6	0.0	0.0%
85.2%	60.6	60.6	0.0	0.0%
86.4%	60.6	60.6	0.0	0.0%
87.7%	60.6	60.6	0.0	0.0%
88.9%	60.6	60.6	0.0	0.0%
90.1%	60.5	60.5	0.0	0.0%
91.4%	60.5	60.5	0.0	0.0%
92.6%	60.5	60.5	0.0	0.0%
93.8%	60.5	60.5	0.0	0.0%
95.1%	60.5	60.5	0.0	0.0%
96.3%	60.5	60.5	0.0	0.0%
97.5%	60.5	60.5	0.0	0.0%
98.8%	60.4	60.3	-0.1	-0.2%
100.0%	60.4	60.3	-0.1	-0.2%

August

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	63.6	64.7	1.1	1.7%
1.2%	63.1	64.5	1.4	2.2%
2.5%	62.9	64.2	1.3	2.1%
3.7%	62.9	63.3	0.4	0.6%
4.9%	62.9	63.2	0.3	0.5%
6.2%	62.7	63.1	0.4	0.6%
7.4%	62.6	62.6	0.0	0.0%
8.6%	62.4	61.8	-0.6	-1.0%
9.9%	62.3	61.6	-0.7	-1.1%
11.1%	62.2	61.5	-0.7	-1.1%
12.3%	62.2	61.5	-0.7	-1.1%
13.6%	62.0	61.2	-0.8	-1.3%
14.8%	61.9	61.0	-0.9	-1.5%
16.0%	61.7	61.0	-0.7	-1.1%
17.3%	61.6	61.0	-0.6	-1.0%
18.5%	61.6	60.9	-0.7	-1.1%
19.8%	61.5	60.9	-0.6	-1.0%
21.0%	61.5	60.9	-0.6	-1.0%
22.2%	61.5	60.9	-0.6	-1.0%
23.5%	61.4	60.7	-0.7	-1.1%
24.7%	61.3	60.7	-0.6	-1.0%
25.9%	60.6	60.7	0.1	0.2%
27.2%	60.6	60.7	0.1	0.2%
28.4%	60.6	60.7	0.1	0.2%
29.6%	60.5	60.6	0.1	0.2%
30.9%	60.5	60.6	0.1	0.2%
32.1%	60.3	60.6	0.3	0.5%
33.3%	60.3	60.5	0.2	0.3%
34.6%	60.3	60.5	0.2	0.3%
35.8%	60.3	60.5	0.2	0.3%
37.0%	60.3	60.5	0.2	0.3%
38.3%	60.3	60.3	0.0	0.0%
39.5%	60.2	60.2	0.0	0.0%
40.7%	60.2	60.2	0.0	0.0%
42.0%	60.2	60.1	-0.1	-0.2%
43.2%	60.1	60.1	0.0	0.0%
44.4%	60.1	60.0	-0.1	-0.2%
45.7%	60.1	60.0	-0.1	-0.2%
46.9%	60.1	60.0	-0.1	-0.2%
48.1%	60.1	60.0	-0.1	-0.2%
49.4%	60.1	60.0	-0.1	-0.2%
50.6%	60.0	60.0	0.0	0.0%
51.9%	60.0	59.9	-0.1	-0.2%
53.1%	60.0	59.9	-0.1	-0.2%
54.3%	60.0	59.9	-0.1	-0.2%
55.6%	60.0	59.9	-0.1	-0.2%
56.8%	60.0	59.9	-0.1	-0.2%
58.0%	59.9	59.9	0.0	0.0%
59.3%	59.9	59.9	0.0	0.0%
60.5%	59.9	59.9	0.0	0.0%
61.7%	59.9	59.8	-0.1	-0.2%
63.0%	59.9	59.8	-0.1	-0.2%
64.2%	59.9	59.8	-0.1	-0.2%
65.4%	59.9	59.8	-0.1	-0.2%
66.7%	59.8	59.8	0.0	0.0%
67.9%	59.8	59.8	0.0	0.0%
69.1%	59.8	59.8	0.0	0.0%
70.4%	59.8	59.8	0.0	0.0%
71.6%	59.8	59.8	0.0	0.0%
72.8%	59.7	59.8	0.1	0.2%
74.1%	59.7	59.8	0.1	0.2%
75.3%	59.7	59.7	0.0	0.0%
76.5%	59.7	59.7	0.0	0.0%
77.8%	59.7	59.7	0.0	0.0%
79.0%	59.7	59.7	0.0	0.0%
80.2%	59.6	59.7	0.1	0.2%
81.5%	59.6	59.7	0.1	0.2%
82.7%	59.6	59.7	0.1	0.2%
84.0%	59.6	59.7	0.1	0.2%
85.2%	59.6	59.7	0.1	0.2%
86.4%	59.6	59.7	0.1	0.2%
87.7%	59.6	59.7	0.1	0.2%
88.9%	59.5	59.6	0.1	0.2%
90.1%	59.5	59.6	0.1	0.2%
91.4%	59.5	59.5	0.0	0.0%
92.6%	59.5	59.5	0.0	0.0%
93.8%	59.5	59.5	0.0	0.0%
95.1%	59.5	59.5	0.0	0.0%
96.3%	59.5	59.4	-0.1	-0.2%
97.5%	59.5	59.4	-0.1	-0.2%
98.8%	59.5	59.3	-0.2	-0.3%
100.0%	59.5	59.3	-0.2	-0.3%

September

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	60.0	59.5	-0.5	-0.8%
1.2%	58.7	59.2	0.5	0.9%
2.5%	58.1	58.2	0.1	0.2%
3.7%	57.9	58.0	0.1	0.2%
4.9%	57.7	57.7	0.0	0.0%
6.2%	57.7	57.5	-0.2	-0.3%
7.4%	57.7	57.3	-0.4	-0.7%
8.6%	56.8	57.3	0.5	0.9%
9.9%	56.8	57.1	0.3	0.5%
11.1%	56.7	56.6	-0.1	-0.2%
12.3%	56.7	56.6	-0.1	-0.2%
13.6%	56.6	56.5	-0.1	-0.2%
14.8%	56.6	56.2	-0.4	-0.7%
16.0%	56.5	56.2	-0.3	-0.5%
17.3%	56.4	55.9	-0.5	-0.9%
18.5%	56.4	55.9	-0.5	-0.9%
19.8%	56.2	55.9	-0.3	-0.5%
21.0%	56.2	55.8	-0.4	-0.7%
22.2%	56.1	55.8	-0.3	-0.5%
23.5%	56.0	55.8	-0.2	-0.4%
24.7%	55.9	55.6	-0.3	-0.5%
25.9%	55.8	55.6	-0.2	-0.4%
27.2%	55.8	55.6	-0.2	-0.4%
28.4%	55.7	55.6	-0.1	-0.2%
29.6%	55.7	55.5	-0.2	-0.4%
30.9%	55.7	55.5	-0.2	-0.4%
32.1%	55.6	55.4	-0.2	-0.4%
33.3%	55.6	55.3	-0.3	-0.5%
34.6%	55.5	55.3	-0.2	-0.4%
35.8%	55.5	55.3	-0.2	-0.4%
37.0%	55.5	55.3	-0.2	-0.4%
38.3%	55.5	55.3	-0.2	-0.4%
39.5%	55.4	55.2	-0.2	-0.4%
40.7%	55.4	55.2	-0.2	-0.4%
42.0%	55.4	55.2	-0.2	-0.4%
43.2%	55.4	55.2	-0.2	-0.4%
44.4%	55.3	55.2	-0.1	-0.2%
45.7%	55.2	55.1	-0.1	-0.2%
46.9%	55.2	55.1	-0.1	-0.2%
48.1%	55.2	55.1	-0.1	-0.2%
49.4%	55.1	54.9	-0.2	-0.4%
50.6%	55.1	54.9	-0.2	-0.4%
51.9%	55.0	54.8	-0.2	-0.4%
53.1%	55.0	54.8	-0.2	-0.4%
54.3%	55.0	54.8	-0.2	-0.4%
55.6%	55.0	54.7	-0.3	-0.5%
56.8%	54.9	54.7	-0.2	-0.4%
58.0%	54.8	54.7	-0.1	-0.2%
59.3%	54.8	54.7	-0.1	-0.2%
60.5%	54.8	54.6	-0.2	-0.4%
61.7%	54.8	54.6	-0.2	-0.4%
63.0%	54.7	54.6	-0.1	-0.2%
64.2%	54.7	54.6	-0.1	-0.2%
65.4%	54.7	54.6	-0.1	-0.2%
66.7%	54.6	54.6	0.0	0.0%
67.9%	54.6	54.6	0.0	0.0%
69.1%	54.6	54.5	-0.1	-0.2%
70.4%	54.6	54.5	-0.1	-0.2%
71.6%	54.5	54.5	0.0	0.0%
72.8%	54.5	54.5	0.0	0.0%
74.1%	54.5	54.5	0.0	0.0%
75.3%	54.5	54.4	-0.1	-0.2%
76.5%	54.5	54.4	-0.1	-0.2%
77.8%	54.4	54.4	0.0	0.0%
79.0%	54.4	54.4	0.0	0.0%
80.2%	54.4	54.4	0.0	0.0%
81.5%	54.4	54.4	0.0	0.0%
82.7%	54.3	54.4	0.1	0.2%
84.0%	54.3	54.3	0.0	0.0%
85.2%	54.2	54.3	0.1	0.2%
86.4%	54.2	54.3	0.1	0.2%
87.7%	54.2	54.2	0.0	0.0%
88.9%	54.2	54.2	0.0	0.0%
90.1%	54.2	54.2	0.0	0.0%
91.4%	54.2	54.2	0.0	0.0%
92.6%	54.2	54.1	-0.1	-0.2%
93.8%	54.1	54.1	0.0	0.0%
95.1%	54.1	54.1	0.0	0.0%
96.3%	54.1	54.1	0.0	0.0%
97.5%	54.1	54.0	-0.1	-0.2%
98.8%	53.9	53.9	0.0	0.0%
100.0%	53.9	53.9	0.0	0.0%

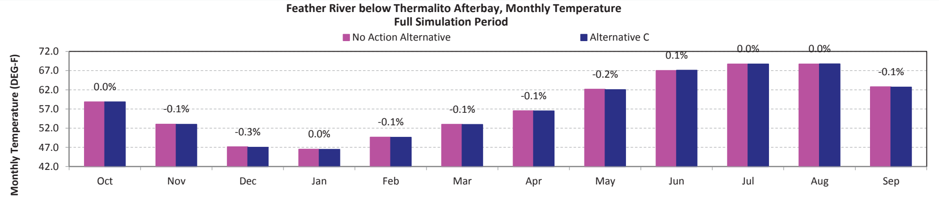
Table SQ-16-7a
Feather River below Thermalito Afterbay, Monthly Temperature
Long-term Average and Average by Water Year Type

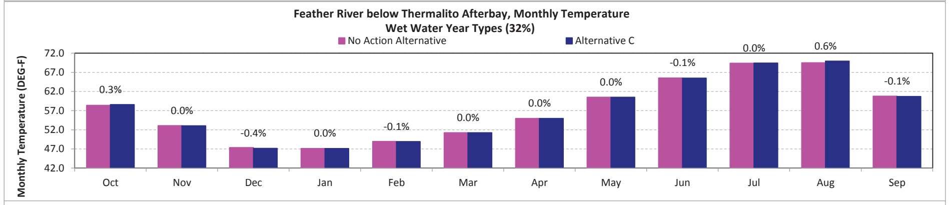
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	58.8	53.0	47.1	46.5	49.7	53.0	56.5	62.2	67.0	68.7	68.7	62.8
Alternative C	58.8	53.0	47.0	46.5	49.6	52.9	56.5	62.0	67.1	68.7	68.7	62.7
Difference	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0	-0.1	0.1	0.0	0.0	-0.1
Percent Difference[3]	0.0%	-0.1%	-0.3%	0.0%	-0.1%	-0.1%	-0.1%	-0.2%	0.1%	0.0%	0.0%	-0.1%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	58.4	53.1	47.3	47.1	49.0	51.2	55.0	60.5	65.5	69.4	69.5	60.8
Alternative C	58.6	53.1	47.2	47.1	48.9	51.2	55.0	60.5	65.5	69.4	69.9	60.7
Difference	0.2	0.0	-0.2	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.4	-0.1
Percent Difference	0.3%	0.0%	-0.4%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.6%	-0.1%
Above Normal (15%)												
No Action Alternative	58.4	51.9	46.7	46.6	49.4	52.6	57.1	62.7	67.3	67.6	67.3	61.3
Alternative C	58.5	51.9	46.5	46.5	49.3	52.4	57.1	62.7	67.4	67.6	67.6	61.2
Difference	0.1	0.0	-0.2	0.0	-0.1	-0.2	0.0	0.0	0.1	0.0	0.3	-0.1
Percent Difference	0.1%	0.0%	-0.4%	-0.1%	-0.1%	-0.4%	0.0%	0.0%	0.1%	0.0%	0.4%	-0.2%
Below Normal (17%)												
No Action Alternative	59.4	53.1	46.5	46.2	49.6	53.7	57.4	62.6	67.4	68.0	68.0	65.2
Alternative C	59.4	53.1	46.4	46.1	49.5	53.7	57.4	62.6	67.6	68.0	68.3	65.0
Difference	0.1	0.0	0.0	-0.1	0.0	0.0	0.0	-0.1	0.2	0.0	0.3	-0.2
Percent Difference	0.1%	0.0%	0.0%	-0.2%	-0.1%	0.0%	0.1%	-0.1%	0.3%	0.0%	0.5%	-0.3%
Dry (22%)												
No Action Alternative	59.1	53.2	47.5	45.7	50.1	54.5	57.3	62.9	68.1	67.9	67.5	63.8
Alternative C	59.0	53.2	47.3	45.7	50.1	54.3	57.4	62.6	68.2	68.0	67.4	63.8
Difference	-0.1	0.0	-0.2	0.0	0.0	-0.1	0.1	-0.3	0.1	0.0	-0.1	0.1
Percent Difference	-0.2%	0.1%	-0.4%	0.0%	0.0%	-0.2%	0.1%	-0.4%	0.2%	0.1%	-0.2%	0.1%
Critical (15%)												
No Action Alternative	59.2	53.8	47.4	46.2	50.8	53.9	57.0	63.3	67.7	70.2	70.6	64.1
Alternative C	58.8	53.5	47.4	46.3	50.7	53.9	56.6	62.8	67.8	70.1	69.6	63.9
Difference	-0.3	-0.3	0.0	0.1	0.0	0.0	-0.4	-0.5	0.2	-0.1	-1.1	-0.1
Percent Difference	-0.6%	-0.5%	-0.1%	0.1%	-0.1%	0.0%	-0.7%	-0.8%	0.3%	-0.1%	-1.5%	-0.2%

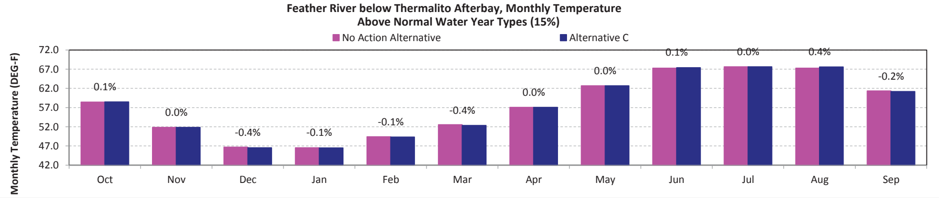
1 Based on the 82-year simulation period

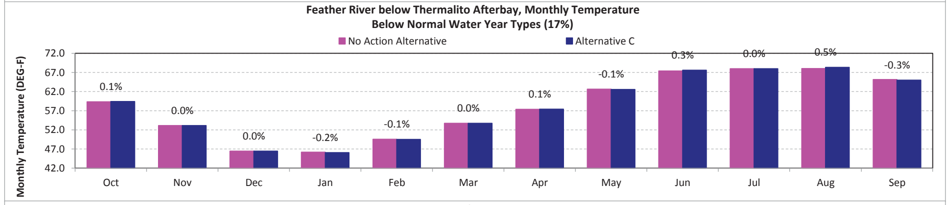
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

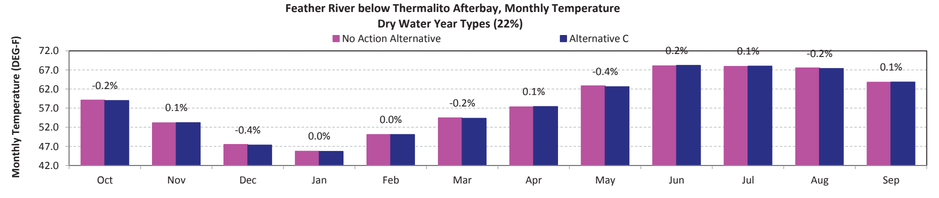
3 Relative difference of the monthly average


Feather River below Thermalito Afterbay, Monthly Temperature
Full Simulation Period


Feather River below Thermalito Afterbay, Monthly Temperature
Wet Water Year Types (32%)


Feather River below Thermalito Afterbay, Monthly Temperature
Above Normal Water Year Types (15%)


Feather River below Thermalito Afterbay, Monthly Temperature
Below Normal Water Year Types (17%)


Feather River below Thermalito Afterbay, Monthly Temperature
Dry Water Year Types (22%)

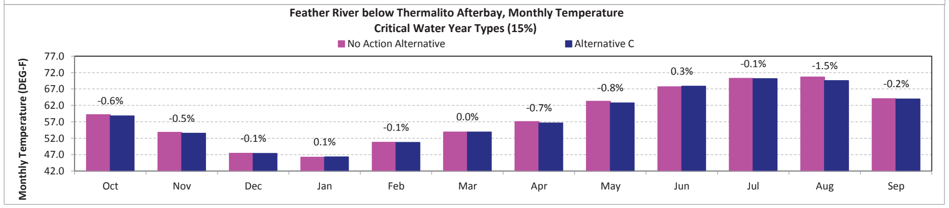

Feather River below Thermalito Afterbay, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-16-7b
Feather River below Thermalito Afterbay, Monthly Temperature
Probability of Exceedance

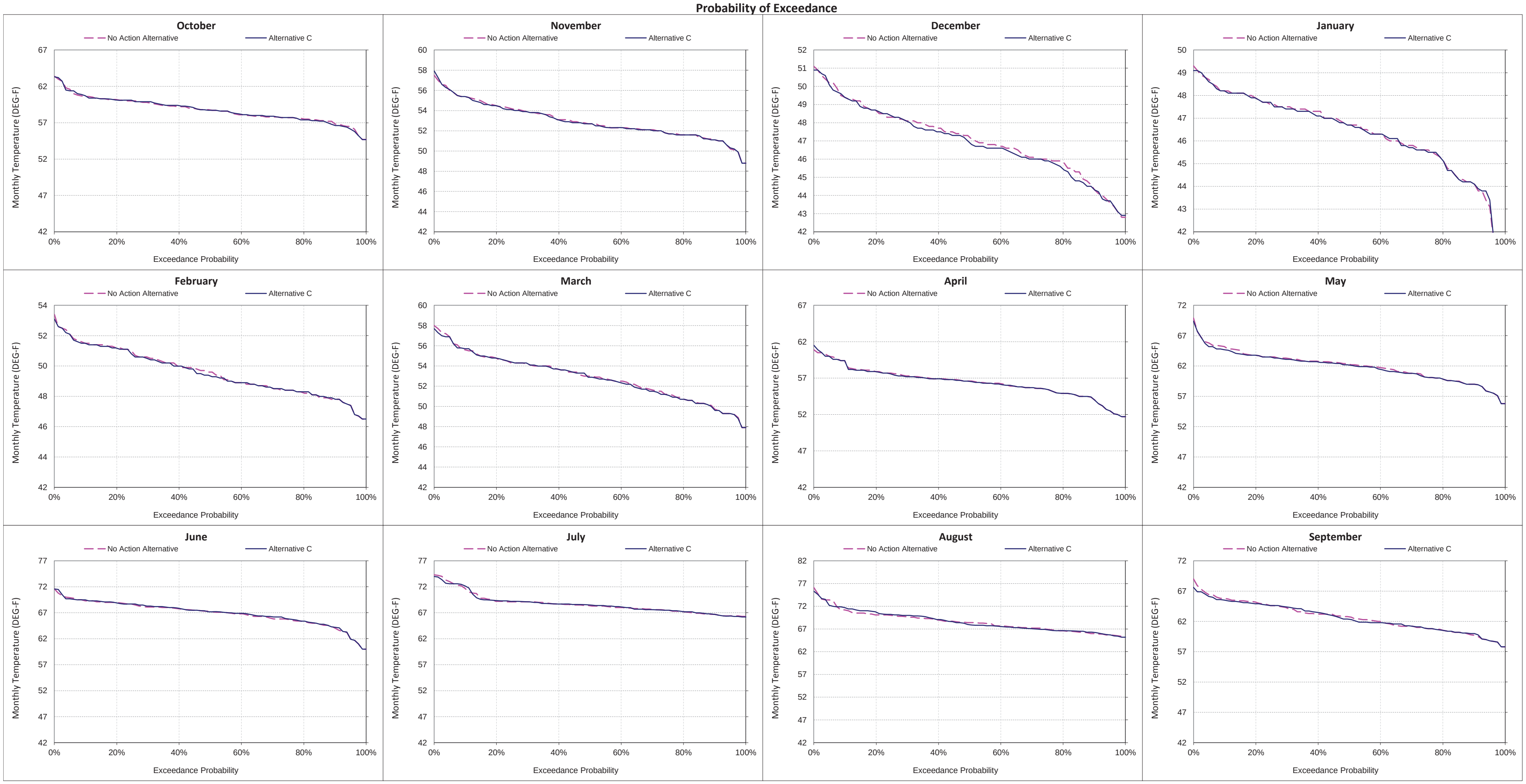


Table SQ-16-7b

Feather River below Thermalito Afterbay, Monthly Temperature
Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	63.4	63.3	-0.1	-0.2%
1.2%	63.0	63.2	0.2	0.3%
2.5%	62.7	62.7	0.0	0.0%
3.7%	61.8	61.5	-0.3	-0.5%
4.9%	61.6	61.4	-0.2	-0.3%
6.2%	61.0	61.4	0.4	0.7%
7.4%	60.8	61.0	0.2	0.3%
8.6%	60.7	60.9	0.2	0.3%
9.9%	60.6	60.7	0.1	0.2%
11.1%	60.6	60.4	-0.2	-0.3%
12.3%	60.5	60.4	-0.1	-0.2%
13.6%	60.3	60.4	0.1	0.2%
14.8%	60.3	60.3	0.0	0.0%
16.0%	60.3	60.3	0.0	0.0%
17.3%	60.2	60.3	0.1	0.2%
18.5%	60.2	60.2	0.0	0.0%
19.8%	60.2	60.1	-0.1	-0.2%
21.0%	60.1	60.1	0.0	0.0%
22.2%	60.1	60.1	0.0	0.0%
23.5%	60.0	60.1	0.1	0.2%
24.7%	60.0	60.1	0.1	0.2%
25.9%	60.0	59.9	-0.1	-0.2%
27.2%	59.9	59.9	0.0	0.0%
28.4%	59.8	59.9	0.1	0.2%
29.6%	59.8	59.9	0.1	0.2%
30.9%	59.7	59.9	0.2	0.3%
32.1%	59.6	59.7	0.1	0.2%
33.3%	59.5	59.6	0.1	0.2%
34.6%	59.4	59.5	0.1	0.2%
35.8%	59.4	59.4	0.0	0.0%
37.0%	59.3	59.4	0.1	0.2%
38.3%	59.3	59.4	0.1	0.2%
39.5%	59.2	59.4	0.2	0.3%
40.7%	59.2	59.3	0.1	0.2%
42.0%	59.2	59.3	0.1	0.2%
43.2%	59.0	59.2	0.2	0.3%
44.4%	59.0	59.1	0.1	0.2%
45.7%	58.9	58.9	0.0	0.0%
46.9%	58.8	58.8	0.0	0.0%
48.1%	58.8	58.8	0.0	0.0%
49.4%	58.8	58.7	-0.1	-0.2%
50.6%	58.7	58.7	0.0	0.0%
51.9%	58.7	58.7	0.0	0.0%
53.1%	58.6	58.6	0.0	0.0%
54.3%	58.6	58.6	0.0	0.0%
55.6%	58.6	58.6	0.0	0.0%
56.8%	58.3	58.4	0.1	0.2%
58.0%	58.2	58.3	0.1	0.2%
59.3%	58.1	58.2	0.1	0.2%
60.5%	58.1	58.1	0.0	0.0%
61.7%	58.0	58.1	0.1	0.2%
63.0%	58.0	58.0	0.0	0.0%
64.2%	57.9	58.0	0.1	0.2%
65.4%	57.9	58.0	0.1	0.2%
66.7%	57.9	58.0	0.1	0.2%
67.9%	57.8	57.9	0.1	0.2%
69.1%	57.8	57.9	0.1	0.2%
70.4%	57.8	57.9	0.1	0.2%
71.6%	57.8	57.8	0.0	0.0%
72.8%	57.7	57.7	0.0	0.0%
74.1%	57.7	57.7	0.0	0.0%
75.3%	57.7	57.7	0.0	0.0%
76.5%	57.7	57.7	0.0	0.0%
77.8%	57.6	57.6	0.0	0.0%
79.0%	57.6	57.4	-0.2	-0.3%
80.2%	57.5	57.4	-0.1	-0.2%
81.5%	57.5	57.4	-0.1	-0.2%
82.7%	57.4	57.3	-0.1	-0.2%
84.0%	57.4	57.3	-0.1	-0.2%
85.2%	57.3	57.2	-0.1	-0.2%
86.4%	57.3	57.2	-0.1	-0.2%
87.7%	57.2	57.0	-0.2	-0.3%
88.9%	57.2	56.8	-0.4	-0.7%
90.1%	56.8	56.6	-0.2	-0.4%
91.4%	56.8	56.6	-0.2	-0.4%
92.6%	56.6	56.5	-0.1	-0.2%
93.8%	56.5	56.4	-0.1	-0.2%
95.1%	56.5	56.1	-0.4	-0.7%
96.3%	56.1	55.8	-0.3	-0.5%
97.5%	55.2	55.2	0.0	0.0%
98.8%	54.7	54.7	0.0	0.0%
100.0%	54.7	54.7	0.0	0.0%

November				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	57.5	57.9	0.4	0.7%
1.2%	57.0	57.3	0.3	0.5%
2.5%	56.6	56.6	0.0	0.0%
3.7%	56.5	56.3	-0.2	-0.4%
4.9%	56.0	56.1	0.1	0.2%
6.2%	55.8	55.8	0.0	0.0%
7.4%	55.5	55.5	0.0	0.0%
8.6%	55.4	55.4	0.0	0.0%
9.9%	55.4	55.4	0.0	0.0%
11.1%	55.3	55.3	0.0	0.0%
12.3%	55.2	55.0	-0.2	-0.4%
13.6%	55.1	54.9	-0.2	-0.4%
14.8%	55.0	54.8	-0.2	-0.4%
16.0%	54.8	54.6	-0.2	-0.4%
17.3%	54.6	54.6	0.0	0.0%
18.5%	54.6	54.5	-0.1	-0.2%
19.8%	54.5	54.5	0.0	0.0%
21.0%	54.4	54.4	0.0	0.0%
22.2%	54.4	54.2	-0.2	-0.4%
23.5%	54.3	54.1	-0.2	-0.4%
24.7%	54.2	54.1	-0.1	-0.2%
25.9%	54.1	54.0	-0.1	-0.2%
27.2%	54.1	54.0	-0.1	-0.2%
28.4%	54.0	53.9	-0.1	-0.2%
29.6%	53.9	53.9	0.0	0.0%
30.9%	53.8	53.8	0.0	0.0%
32.1%	53.8	53.8	0.0	0.0%
33.3%	53.7	53.8	0.1	0.2%
34.6%	53.7	53.7	0.0	0.0%
35.8%	53.6	53.6	0.0	0.0%
37.0%	53.6	53.4	-0.2	-0.4%
38.3%	53.4	53.3	-0.1	-0.2%
39.5%	53.1	53.1	0.0	0.0%
40.7%	53.1	53.0	-0.1	-0.2%
42.0%	53.1	52.9	-0.2	-0.4%
43.2%	53.1	52.9	-0.2	-0.4%
44.4%	52.9	52.8	-0.1	-0.2%
45.7%	52.9	52.8	-0.1	-0.2%
46.9%	52.8	52.8	0.0	0.0%
48.1%	52.8	52.7	-0.1	-0.2%
49.4%	52.7	52.7	0.0	0.0%
50.6%	52.7	52.7	0.0	0.0%
51.9%	52.7	52.5	-0.2	-0.4%
53.1%	52.5	52.5	0.0	0.0%
54.3%	52.5	52.4	-0.1	-0.2%
55.6%	52.4	52.3	-0.1	-0.2%
56.8%	52.3	52.3	0.0	0.0%
58.0%	52.3	52.3	0.0	0.0%
59.3%	52.3	52.3	0.0	0.0%
60.5%	52.3	52.3	0.0	0.0%
61.7%	52.3	52.2	-0.1	-0.2%
63.0%	52.2	52.2	0.0	0.0%
64.2%	52.2	52.2	0.0	0.0%
65.4%	52.2	52.1	-0.1	-0.2%
66.7%	52.1	52.1	0.0	0.0%
67.9%	52.1	52.1	0.0	0.0%
69.1%	52.1	52.1	0.0	0.0%
70.4%	52.1	52.0	-0.1	-0.2%
71.6%	52.0	52.0	0.0	0.0%
72.8%	52.0	52.0	0.0	0.0%
74.1%	51.8	51.8	0.0	0.0%
75.3%	51.7	51.7	0.0	0.0%
76.5%	51.7	51.7	0.0	0.0%
77.8%	51.7	51.6	-0.1	-0.2%
79.0%	51.6	51.6	0.0	0.0%
80.2%	51.6	51.6	0.0	0.0%
81.5%	51.6	51.6	0.0	0.0%
82.7%	51.6	51.6	0.0	0.0%
84.0%	51.6	51.6	0.0	0.0%
85.2%	51.3	51.5	0.2	0.4%
86.4%	51.3	51.2	-0.1	-0.2%
87.7%	51.2	51.2	0.0	0.0%
88.9%	51.2	51.1	-0.1	-0.2%
90.1%	51.1	51.1	0.0	0.0%
91.4%	51.0	51.0	0.0	0.0%
92.6%	51.0	51.0	0.0	0.0%
93.8%	50.6	50.6	0.0	0.0%
95.1%	50.2	50.3	0.1	0.2%
96.3%	50.1	50.2	0.1	0.2%
97.5%	49.9	49.9	0.0	0.0%
98.8%	48.8	48.8	0.0	0.0%
100.0%	48.8	48.8	0.0	0.0%

December				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	51.1	50.9	-0.2	-0.4%
1.2%	50.9	50.9	0.0	0.0%
2.5%	50.6	50.7	0.1	0.2%
3.7%	50.4	50.6	0.2	0.4%
4.9%	50.2	50.1	-0.1	-0.2%
6.2%	50.2	49.8	-0.4	-0.8%
7.4%	49.9	49.7	-0.2	-0.4%
8.6%	49.5	49.6	0.1	0.2%
9.9%	49.4	49.4	0.0	0.0%
11.1%	49.3	49.3	0.0	0.0%
12.3%	49.3	49.2	-0.1	-0.2%
13.6%	49.2	49.2	0.0	0.0%
14.8%	49.2	48.9	-0.3	-0.6%
16.0%	48.9	48.8	-0.1	-0.2%
17.3%	48.8	48.8	0.0	0.0%
18.5%	48.7	48.7	0.0	0.0%
19.8%	48.7	48.7	0.0	0.0%
21.0%	48.5	48.6	0.1	0.2%
22.2%	48.5	48.5	0.0	0.0%
23.5%	48.3	48.5	0.2	0.4%
24.7%	48.3	48.4	0.1	0.2%
25.9%	48.3	48.3	0.0	0.0%
27.2%	48.2	48.3	0.1	0.2%
28.4%	48.2	48.2	0.0	0.0%
29.6%	48.1	48.1	0.0	0.0%
30.9%	48.1	48.0	-0.1	-0.2%
32.1%	48.1	47.8	-0.3	-0.6%
33.3%	48.0	47.7	-0.3	-0.6%
34.6%	48.0	47.7	-0.3	-0.6%
35.8%	47.9	47.6	-0.3	-0.6%
37.0%	47.8	47.6	-0.2	-0.4%
38.3%	47.8	47.6	-0.2	-0.4%
39.5%	47.7	47.5	-0.2	-0.4%
40.7%	47.7	47.5	-0.2	-0.4%
42.0%	47.5	47.4	-0.1	-0.2%
43.2%	47.5	47.4	-0.1	-0.2%
44.4%	47.5	47.3	-0.2	-0.4%
45.7%	47.4	47.3	-0.1	-0.2%
46.9%	47.4	47.3	-0.1	-0.2%
48.1%	47.3	47.2	-0.1	-0.2%
49.4%	47.3	47.0	-0.3	-0.6%
50.6%	47.1	46.8	-0.3	-0.6%
51.9%	47.0	46.7	-0.3	-0.6%
53.1%	46.9	46.7	-0.2	-0.4%
54.3%	46.9	46.7	-0.2	-0.4%
55.6%	46.8	46.6	-0.2	-0.4%
56.8%	46.8	46.6	-0.2	-0.4%
58.0%	46.8	46.6	-0.2	-0.4%
59.3%	46.7	46.6	-0.1	-0.2%
60.5%	46.7	46.6	-0.1	-0.2%
61.7%	46.6	46.5	-0.1	-0.2%
63.0%	46.6	46.4	-0.2	-0.4%
64.2%	46.6	46.3	-0.3	-0.6%
65.4%	46.5	46.2	-0.3	-0.6%
66.7%	46.3	46.1	-0.2	-0.4%
67.9%	46.2	46.1	-0.1	-0.2%
69.1%	46.1	46.0	-0.1	-0.2%
70.4%	46.1	46.0	-0.1	-0.2%
71.6%	46.0	46.0	0.0	0.0%
72.8%	46.0	46.0	0.0	0.0%
74.1%	46.0	45.9	-0.1	-0.2%
75.3%	46.0	45.9	-0.1	-0.2%
76.5%	45.9	45.8	-0.1	-0.2%
77.8%	45.9	45.7	-0.2	-0.4%
79.0%	45.9	45.6	-0.3	-0.7%
80.2%	45.8	45.4	-0.4	-0.9%
81.5%	45.5	45.3	-0.2	-0.4%
82.7%	45.5	45.0	-0.5	-1.1%
84.0%	45.3	44.8	-0.5	-1.1%
85.2%	45.3	44.8	-0.5	-1.1%
86.4%	44.9	44.7	-0.2	-0.4%
87.7%	44.8	44.5	-0.3	-0.7%
88.9%	44.6	44.5	-0.1	-0.2%
90.1%	44.3	44.3	0.0	0.0%
91.4%	44.1	44.2	0.1	0.2%
92.6%	44.0	43.8	-0.2	-0.5%
93.8%	43.8	43.7	-0.1	-0.2%
95.1%	43.6	43.7	0.1	0.2%
96.3%	43.4	43.4	0.0	0.0%
97.5%	43.1	43.1	0.0	0.0%
98.8%	42.8	42.9	0.1	0.2%
100.0%	42.8	42.9	0.1	0.2%

January				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	49.3	49.1	-0.2	-0.4%
1.2%	49.1	49.1	0.0	0.0%
2.5%	48.9	49.0	0.1	0.2%
3.7%	48.8	48.8	0.0	0.0%
4.9%	48.7	48.6	-0.1	-0.2%
6.2%	48.5	48.5	0.0	0.0%
7.4%	48.4	48.3	-0.1	-0.2%
8.6%	48.2	48.2	0.0	0.0%
9.9%	48.2	48.2	0.0	0.0%
11.1%	48.2	48.1	-0.1	-0.2%
12.3%	48.1	48.1	0.0	0.0%
13.6%	48.1	48.1	0.0	0.0%
14.8%	48.1	48.1	0.0	0.0%
16.0%	48.1	48.1	0.0	0.0%
17.3%	48.0	48.0	0.0	0.0%
18.5%	48.0	47.9	-0.1	-0.2%
19.8%	47.9	47.9	0.0	0.0%
21.0%	47.8	47.8	0.0	0.0%
22.2%	47.7	47.7	0.0	0.0%
23.5%	47.7	47.7	0.0	0.0%
24.7%	47.6	47.7	0.1	0.2%
25.9%	47.6	47.5	-0.1	-0.2%
27.2%	47.5	47.5	0.0	0.0%
28.4%	47.5	47.5	0.0	0.0%
29.6%	47.5	47.4	-0.1	-0.2%
30.9%	47.5	47.4	-0.1	-0.2%
32.1%	47.4	47.4	0.0	0.0%
33.3%	47.4	47.3	-0.1	-0.2%
34.6%	47.4	47.3	-0.1	-0.2%
35.8%	47.4	47.3	-0.1	-0.2%
37.0%	47.3	47.3	0.0	0.0%
38.3%	47.3	47.2	-0.1	-0.2%
39.5%	47.3	47.1	-0.2	-0.4%
40.7%	47.3	47.1	-0.2	-0.4%
42.0%	47.0	47.0	0.0	0.0%
43.2%	47.0	47.0	0.0	0.0%
44.4%	47.0	47.0	0.0	0.0%
45.7%	47.0	46.9	-0.1	-0.2%
46.9%	46.9	46.8	-0.1	-0.2%
48.1%	46.8	46.8	0.0	0.0%
49.4%	46.7	46.7	0.0	0.0%
50.6%	46.7	46.7	0.0	0.0%
51.9%	46.7	46.6	-0.1	-0.2%
53.1%	46.7	46.6	-0.1	-0.2%
54.3%	46.5	46.5	0.0	0.0%
55.6%	46.5	46.4	-0.1	-0.2%
56.8%	46.4	46.3	-0.1	-0.2%
58.0%	46.3	46.3	0.0	0.0%
59.3%	46.3	46.3	0.0	0.0%
60.5%	46.3	46.3	0.0	0.0%
61.7%	46.1	46.2	0.1	0.2%
63.0%	46.0	46.1	0.1	0.2%
64.2%	46.0	46.1	0.1	0.2%
65.4%	46.0	46.1	0.1	0.2%
66.7%	45.9	45.8	-0.1	-0.2%
67.9%	45.8	45.8	0.0	0.0%
69.1%	45.8	45.7	-0.1	-0.2%
70.4%	45.8	45.7	-0.1	-0.2%
71.6%	45.7	45.6	-0.1	-0.2%
72.8%	45.6	45.6	0.0	0.0%
74.1%	45.6	45.6	0.0	0.0%
75.3%	45.6	45.5	-0.1	-0.2%
76.5%	45.5	45.5	0.0	0.0%
77.8%	45.4	45.5	0.1	0.2%
79.0%	45.3	45.3	0.0	0.0%
80.2%	45.1	45.1	0.0	0.0%
81.5%	44.8	44.7	-0.1	-0.2%
82.7%	44.7	44.7	0.0	0.0%
84.0%	44.5	44.5	0.0	0.0%
85.2%	44.3	44.3	0.0	0.0%
86.4%	44.3	44.2	-0.1	-0.2%
87.7%	44.2	44.2	0.0	0.0%
88.9%	44.2	44.2	0.0	0.0%
90.1%	44.1	44.1	0.0	0.0%
91.4%	43.8	43.9	0.1	0.2%
92.6%	43.8	43.8	0.0	0.0%
93.8%	43.4	43.8	0.4	0.9%
95.1%	43.1	43.4	0.3	0.7%
96.3%	41.6	41.7	0.1	0.2%
97.5%	41.4	41.4	0.0	0.0%
98.8%	41.2	41.2	0.0	0.0%
100.0%	41.2	41.2	0.0	0.0%

Table SQ-16-7b

Feather River below Thermalito Afterbay, Monthly Temperature
Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.4	53.1	-0.3	-0.6%
1.2%	52.6	52.6	0.0	0.0%
2.5%	52.5	52.5	0.0	0.0%
3.7%	52.4	52.2	-0.2	-0.4%
4.9%	52.1	52.1	0.0	0.0%
6.2%	51.8	51.7	-0.1	-0.2%
7.4%	51.7	51.6	-0.1	-0.2%
8.6%	51.6	51.5	-0.1	-0.2%
9.9%	51.5	51.5	0.0	0.0%
11.1%	51.5	51.4	-0.1	-0.2%
12.3%	51.4	51.4	0.0	0.0%
13.6%	51.4	51.4	0.0	0.0%
14.8%	51.4	51.3	-0.1	-0.2%
16.0%	51.4	51.3	-0.1	-0.2%
17.3%	51.3	51.3	0.0	0.0%
18.5%	51.3	51.2	-0.1	-0.2%
19.8%	51.2	51.2	0.0	0.0%
21.0%	51.2	51.1	-0.1	-0.2%
22.2%	51.1	51.1	0.0	0.0%
23.5%	51.1	51.1	0.0	0.0%
24.7%	51.0	50.8	-0.2	-0.4%
25.9%	50.7	50.6	-0.1	-0.2%
27.2%	50.6	50.6	0.0	0.0%
28.4%	50.6	50.6	0.0	0.0%
29.6%	50.6	50.5	-0.1	-0.2%
30.9%	50.5	50.4	-0.1	-0.2%
32.1%	50.5	50.4	-0.1	-0.2%
33.3%	50.4	50.3	-0.1	-0.2%
34.6%	50.3	50.2	-0.1	-0.2%
35.8%	50.2	50.2	0.0	0.0%
37.0%	50.2	50.2	0.0	0.0%
38.3%	50.2	50.0	-0.2	-0.4%
39.5%	50.0	50.0	0.0	0.0%
40.7%	49.9	50.0	0.1	0.2%
42.0%	49.9	49.9	0.0	0.0%
43.2%	49.9	49.8	-0.1	-0.2%
44.4%	49.9	49.8	-0.1	-0.2%
45.7%	49.8	49.5	-0.3	-0.6%
46.9%	49.7	49.5	-0.2	-0.4%
48.1%	49.7	49.4	-0.3	-0.6%
49.4%	49.6	49.4	-0.2	-0.4%
50.6%	49.6	49.3	-0.3	-0.6%
51.9%	49.4	49.3	-0.1	-0.2%
53.1%	49.4	49.2	-0.2	-0.4%
54.3%	49.1	49.2	0.1	0.2%
55.6%	49.1	49.0	-0.1	-0.2%
56.8%	49.0	49.0	0.0	0.0%
58.0%	48.9	48.9	0.0	0.0%
59.3%	48.9	48.9	0.0	0.0%
60.5%	48.9	48.9	0.0	0.0%
61.7%	48.8	48.9	0.1	0.2%
63.0%	48.8	48.8	0.0	0.0%
64.2%	48.8	48.8	0.0	0.0%
65.4%	48.7	48.7	0.0	0.0%
66.7%	48.7	48.7	0.0	0.0%
67.9%	48.7	48.6	-0.1	-0.2%
69.1%	48.6	48.6	0.0	0.0%
70.4%	48.5	48.5	0.0	0.0%
71.6%	48.5	48.5	0.0	0.0%
72.8%	48.4	48.5	0.1	0.2%
74.1%	48.4	48.4	0.0	0.0%
75.3%	48.4	48.4	0.0	0.0%
76.5%	48.4	48.4	0.0	0.0%
77.8%	48.3	48.3	0.0	0.0%
79.0%	48.3	48.3	0.0	0.0%
80.2%	48.2	48.3	0.1	0.2%
81.5%	48.2	48.3	0.1	0.2%
82.7%	48.1	48.1	0.0	0.0%
84.0%	48.1	48.1	0.0	0.0%
85.2%	47.9	48.0	0.1	0.2%
86.4%	47.9	48.0	0.1	0.2%
87.7%	47.9	47.9	0.0	0.0%
88.9%	47.8	47.9	0.1	0.2%
90.1%	47.8	47.8	0.0	0.0%
91.4%	47.8	47.8	0.0	0.0%
92.6%	47.6	47.6	0.0	0.0%
93.8%	47.5	47.5	0.0	0.0%
95.1%	47.4	47.4	0.0	0.0%
96.3%	46.8	46.8	0.0	0.0%
97.5%	46.7	46.7	0.0	0.0%
98.8%	46.5	46.5	0.0	0.0%
100.0%	46.5	46.5	0.0	0.0%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	58.0	57.7	-0.3	-0.5%
1.2%	57.7	57.3	-0.4	-0.7%
2.5%	57.3	57.0	-0.3	-0.5%
3.7%	57.2	56.9	-0.3	-0.5%
4.9%	56.9	56.9	0.0	0.0%
6.2%	56.2	56.2	0.0	0.0%
7.4%	56.1	55.8	-0.3	-0.5%
8.6%	55.7	55.8	0.1	0.2%
9.9%	55.6	55.7	0.1	0.2%
11.1%	55.5	55.7	0.2	0.4%
12.3%	55.5	55.4	-0.1	-0.2%
13.6%	55.2	55.1	-0.1	-0.2%
14.8%	55.0	55.0	0.0	0.0%
16.0%	54.9	55.0	0.1	0.2%
17.3%	54.9	54.9	0.0	0.0%
18.5%	54.9	54.8	-0.1	-0.2%
19.8%	54.8	54.8	0.0	0.0%
21.0%	54.6	54.7	0.1	0.2%
22.2%	54.6	54.6	0.0	0.0%
23.5%	54.5	54.5	0.0	0.0%
24.7%	54.3	54.4	0.1	0.2%
25.9%	54.3	54.3	0.0	0.0%
27.2%	54.3	54.3	0.0	0.0%
28.4%	54.3	54.3	0.0	0.0%
29.6%	54.2	54.3	0.1	0.2%
30.9%	54.1	54.1	0.0	0.0%
32.1%	54.0	54.1	0.1	0.2%
33.3%	54.0	54.0	0.0	0.0%
34.6%	54.0	54.0	0.0	0.0%
35.8%	54.0	54.0	0.0	0.0%
37.0%	54.0	53.9	-0.1	-0.2%
38.3%	53.8	53.7	-0.1	-0.2%
39.5%	53.7	53.7	0.0	0.0%
40.7%	53.6	53.6	0.0	0.0%
42.0%	53.6	53.6	0.0	0.0%
43.2%	53.4	53.5	0.1	0.2%
44.4%	53.4	53.4	0.0	0.0%
45.7%	53.4	53.3	-0.1	-0.2%
46.9%	53.1	53.3	0.2	0.4%
48.1%	53.0	53.3	0.3	0.6%
49.4%	53.0	52.9	-0.1	-0.2%
50.6%	53.0	52.9	-0.1	-0.2%
51.9%	52.9	52.8	-0.1	-0.2%
53.1%	52.9	52.7	-0.2	-0.4%
54.3%	52.7	52.7	0.0	0.0%
55.6%	52.7	52.6	-0.1	-0.2%
56.8%	52.6	52.6	0.0	0.0%
58.0%	52.5	52.5	0.0	0.0%
59.3%	52.5	52.4	-0.1	-0.2%
60.5%	52.5	52.3	-0.2	-0.4%
61.7%	52.4	52.2	-0.2	-0.4%
63.0%	52.2	52.2	0.0	0.0%
64.2%	52.2	51.9	-0.3	-0.6%
65.4%	52.0	51.8	-0.2	-0.4%
66.7%	51.8	51.7	-0.1	-0.2%
67.9%	51.8	51.7	-0.1	-0.2%
69.1%	51.7	51.5	-0.2	-0.4%
70.4%	51.6	51.5	-0.1	-0.2%
71.6%	51.5	51.4	-0.1	-0.2%
72.8%	51.5	51.2	-0.3	-0.6%
74.1%	51.2	51.2	0.0	0.0%
75.3%	51.2	51.1	-0.1	-0.2%
76.5%	51.1	50.9	-0.2	-0.4%
77.8%	50.9	50.9	0.0	0.0%
79.0%	50.9	50.7	-0.2	-0.4%
80.2%	50.7	50.7	0.0	0.0%
81.5%	50.6	50.6	0.0	0.0%
82.7%	50.6	50.6	0.0	0.0%
84.0%	50.4	50.3	-0.1	-0.2%
85.2%	50.3	50.3	0.0	0.0%
86.4%	50.3	50.3	0.0	0.0%
87.7%	50.2	50.2	0.0	0.0%
88.9%	50.1	50.0	-0.1	-0.2%
90.1%	49.7	49.6	-0.1	-0.2%
91.4%	49.6	49.6	0.0	0.0%
92.6%	49.3	49.3	0.0	0.0%
93.8%	49.3	49.3	0.0	0.0%
95.1%	49.3	49.3	0.0	0.0%
96.3%	49.2	49.2	0.0	0.0%
97.5%	48.9	48.8	-0.1	-0.2%
98.8%	47.9	47.9	0.0	0.0%
100.0%	47.9	47.9	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.9	61.5	0.6	1.0%
1.2%	60.5	60.9	0.4	0.7%
2.5%	60.5	60.5	0.0	0.0%
3.7%	60.3	60.0	-0.3	-0.5%
4.9%	60.0	60.0	0.0	0.0%
6.2%	59.9	59.6	-0.3	-0.5%
7.4%	59.7	59.6	-0.1	-0.2%
8.6%	59.4	59.4	0.0	0.0%
9.9%	59.4	59.4	0.0	0.0%
11.1%	58.4	58.2	-0.2	-0.3%
12.3%	58.3	58.2	-0.1	-0.2%
13.6%	58.2	58.1	-0.1	-0.2%
14.8%	58.2	58.1	-0.1	-0.2%
16.0%	58.1	58.1	0.0	0.0%
17.3%	58.1	57.9	-0.2	-0.3%
18.5%	58.1	57.9	-0.2	-0.3%
19.8%	57.9	57.9	0.0	0.0%
21.0%	57.9	57.8	-0.1	-0.2%
22.2%	57.7	57.7	0.0	0.0%
23.5%	57.7	57.7	0.0	0.0%
24.7%	57.7	57.6	-0.1	-0.2%
25.9%	57.6	57.4	-0.2	-0.3%
27.2%	57.6	57.3	-0.3	-0.5%
28.4%	57.4	57.3	-0.1	-0.2%
29.6%	57.3	57.2	-0.1	-0.2%
30.9%	57.3	57.2	-0.1	-0.2%
32.1%	57.2	57.2	0.0	0.0%
33.3%	57.2	57.1	-0.1	-0.2%
34.6%	57.1	57.1	0.0	0.0%
35.8%	57.1	57.0	-0.1	-0.2%
37.0%	57.0	56.9	-0.1	-0.2%
38.3%	56.9	56.9	0.0	0.0%
39.5%	56.9	56.9	0.0	0.0%
40.7%	56.9	56.9	0.0	0.0%
42.0%	56.9	56.8	-0.1	-0.2%
43.2%	56.8	56.8	0.0	0.0%
44.4%	56.8	56.8	0.0	0.0%
45.7%	56.8	56.7	-0.1	-0.2%
46.9%	56.7	56.7	0.0	0.0%
48.1%	56.6	56.6	0.0	0.0%
49.4%	56.6	56.6	0.0	0.0%
50.6%	56.6	56.5	-0.1	-0.2%
51.9%	56.5	56.4	-0.1	-0.2%
53.1%	56.4	56.4	0.0	0.0%
54.3%	56.4	56.3	-0.1	-0.2%
55.6%	56.3	56.3	0.0	0.0%
56.8%	56.3	56.3	0.0	0.0%
58.0%	56.3	56.2	-0.1	-0.2%
59.3%	56.3	56.2	-0.1	-0.2%
60.5%	56.2	56.1	-0.1	-0.2%
61.7%	56.1	56.0	-0.1	-0.2%
63.0%	55.9	56.0	0.1	0.2%
64.2%	55.9	55.9	0.0	0.0%
65.4%	55.8	55.8	0.0	0.0%
66.7%	55.8	55.8	0.0	0.0%
67.9%	55.7	55.7	0.0	0.0%
69.1%	55.7	55.7	0.0	0.0%
70.4%	55.6	55.7	0.1	0.2%
71.6%	55.6	55.6	0.0	0.0%
72.8%	55.6	55.6	0.0	0.0%
74.1%	55.5	55.5	0.0	0.0%
75.3%	55.4	55.4	0.0	0.0%
76.5%	55.2	55.2	0.0	0.0%
77.8%	55.0	55.0	0.0	0.0%
79.0%	54.9	54.9	0.0	0.0%
80.2%	54.9	54.9	0.0	0.0%
81.5%	54.9	54.9	0.0	0.0%
82.7%	54.8	54.8	0.0	0.0%
84.0%	54.7	54.7	0.0	0.0%
85.2%	54.5	54.5	0.0	0.0%
86.4%	54.5	54.5	0.0	0.0%
87.7%	54.5	54.5	0.0	0.0%
88.9%	54.4	54.4	0.0	0.0%
90.1%	54.0	54.0	0.0	0.0%
91.4%	53.5	53.5	0.0	0.0%
92.6%	53.2	53.2	0.0	0.0%
93.8%	52.7	52.7	0.0	0.0%
95.1%	52.5	52.5	0.0	0.0%
96.3%	52.1	52.1	0.0	0.0%
97.5%	52.0	52.0	0.0	0.0%
98.8%	51.7	51.7	0.0	0.0%
100.0%	51.7	51.7	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	69.9	69.4	-0.5	-0.7%
1.2%	67.7	67.7	0.0	0.0%
2.5%	66.7	66.7	0.0	0.0%
3.7%	66.0	65.7	-0.3	-0.5%
4.9%	65.8	65.2	-0.6	-0.9%
6.2%	65.4	65.2	-0.2	-0.3%
7.4%	65.4	64.8	-0.6	-0.9%
8.6%	65.3	64.8	-0.5	-0.8%
9.9%	65.2	64.7	-0.5	-0.8%
11.1%	64.8	64.6	-0.2	-0.3%
12.3%	64.8	64.4	-0.4	-0.6%
13.6%	64.7	64.1	-0.6	-0.9%
14.8%	64.6	64.0	-0.6	-0.9%
16.0%	64.0	63.9	-0.1	-0.2%
17.3%	63.9	63.8	-0.1	-0.2%
18.5%	63.8	63.8	0.0	0.0%
19.8%	63.8	63.8	0.0	0.0%
21.0%	63.7	63.7	0.0	0.0%
22.2%	63.5	63.5	0.0	0.0%
23.5%	63.5	63.5	0.0	0.0%
24.7%	63.5	63.5	0.0	0.0%
25.9%	63.5	63.3	-0.2	-0.3%
27.2%	63.3	63.3	0.0	0.0%
28.4%	63.3	63.2	-0.1	-0.2%
29.6%	63.3	63.1	-0.2	-0.3%
30.9%	63.2	63.1	-0.1	-0.2%
32.1%	63.1	63.0	-0.1	-0.2%
33.3%	63.1	62.9	-0.2	-0.3%
34.6%	62.9	62.8	-0.1	-0.2%
35.8%	62.8	62.8	0.0	0.0%
37.0%	62.8	62.7	-0.1	-0.2%
38.3%	62.8	62.7	-0.1	-0.2%
39.5%	62.8	62.7	-0.1	-0.2%
40.7%	62.7	62.6	-0.1	-0.2%
42.0%	62.7	62.6	-0.1	-0.2%
43.2%	62.7	62.5	-0.2	-0.3%
44.4%	62.6	62.5	-0.1	-0.2%
45.7%	62.6	62.4	-0.2	-0.3%
46.9%	62.5	62.4	-0.1	-0.2%
48.1%	62.4	62.2	-0.2	-0.3%
49.4%	62.4	62.2	-0.2	-0.3%
50.6%	62.2	62.1	-0.1	-0.2%
51.9%	62.2	62.0	-0.2	-0.3%
53.1%	62.1	61.9	-0.2	-0.3%
54.3%	62.0	61.9	-0.1	-0.2%
55.6%	62.0	61.9	-0.1	-0.2%
56.8%	61.9	61.8	-0.1	-0.2%
58.0%	61.9	61.8	-0.1	-0.2%
59.3%	61.8	61.5	-0.3	-0.5%
60.5%	61.7	61.4	-0.3	-0.5%
61.7%	61.6	61.2	-0.4	-0.6%
63.0%	61.5	61.1	-0.4	-0.7%
64.2%	61.4	61.1	-0.3	-0.5%
65.4%	61.1	61.0	-0.1	-0.2%
66.7%	61.1	60.9	-0.2	-0.3%
67.9%	61.0	60.8	-0.2	-0.3%
69.1%	60.8	60.8	0.0	0.0%
70.4%	60.8	60.8	0.0	0.0%
71.6%	60.8	60.7	-0.1	-0.2%
72.8%	60.7	60.4	-0.3	-0.5%
74.1%	60.2	60.2	0.0	0.0%
75.3%	60.1	60.1	0.0	0.0%
76.5%	60.1	60.1	0.0	0.0%
77.8%	60.0	60.0	0.0	0.0%
79.0%	60.0	60.0	0.0	0.0%
80.2%	59.8	59.8	0.0	0.0%
81.5%	59.6	59.6	0.0	0.0%
82.7%	59.6	59.6	0.0	0.0%
84.0%	59.5	59.5	0.0	0.0%
85.2%	59.5	59.4	-0.1	-0.2%
86.4%	59.2	59.2	0.0	0.0%
87.7%	59.0	59.0	0.0	0.0%
88.9%	59.0	59.0	0.0	0.0%
90.1%	59.0	59.0	0.0	0.0%
91.4%	58.9	58.9	0.0	0.0%
92.6%	58.6	58.6	0.0	0.0%
93.8%	57.9	57.9	0.0	0.0%
95.1%	57.7	57.7	0.0	0.0%
96.3%	57.5	57.5	0.0	0.0%
97.5%	57.1	57.1	0.0	0.0%
98.8%	55.8	55.8	0.0	0.0%
100.0%	55.8	55.8	0.0	0.0%

Table SQ-16-7b

Feather River below Thermalito Afterbay, Monthly Temperature

Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	71.6	71.6	0.0	0.0%
1.2%	70.8	71.5	0.7	1.0%
2.5%	70.3	70.5	0.2	0.3%
3.7%	70.0	69.7	-0.3	-0.4%
4.9%	69.9	69.7	-0.2	-0.3%
6.2%	69.8	69.6	-0.2	-0.3%
7.4%	69.5	69.5	0.0	0.0%
8.6%	69.5	69.5	0.0	0.0%
9.9%	69.3	69.5	0.2	0.3%
11.1%	69.3	69.3	0.0	0.0%
12.3%	69.3	69.3	0.0	0.0%
13.6%	69.1	69.3	0.2	0.3%
14.8%	69.1	69.2	0.1	0.1%
16.0%	69.0	69.1	0.1	0.1%
17.3%	69.0	69.1	0.1	0.1%
18.5%	69.0	69.1	0.1	0.1%
19.8%	69.0	68.9	-0.1	-0.1%
21.0%	68.9	68.8	-0.1	-0.1%
22.2%	68.8	68.7	-0.1	-0.1%
23.5%	68.7	68.7	0.0	0.0%
24.7%	68.7	68.7	0.0	0.0%
25.9%	68.5	68.7	0.2	0.3%
27.2%	68.3	68.5	0.2	0.3%
28.4%	68.2	68.5	0.3	0.4%
29.6%	68.1	68.3	0.2	0.3%
30.9%	68.1	68.3	0.2	0.3%
32.1%	68.1	68.2	0.1	0.1%
33.3%	68.1	68.2	0.1	0.1%
34.6%	68.0	68.2	0.2	0.3%
35.8%	68.0	68.1	0.1	0.1%
37.0%	68.0	68.0	0.0	0.0%
38.3%	67.9	68.0	0.1	0.1%
39.5%	67.8	67.9	0.1	0.1%
40.7%	67.7	67.8	0.1	0.1%
42.0%	67.6	67.6	0.0	0.0%
43.2%	67.6	67.5	-0.1	-0.1%
44.4%	67.5	67.5	0.0	0.0%
45.7%	67.5	67.5	0.0	0.0%
46.9%	67.4	67.4	0.0	0.0%
48.1%	67.3	67.4	0.1	0.1%
49.4%	67.3	67.2	-0.1	-0.1%
50.6%	67.2	67.2	0.0	0.0%
51.9%	67.1	67.2	0.1	0.1%
53.1%	67.1	67.2	0.1	0.1%
54.3%	67.1	67.1	0.0	0.0%
55.6%	67.0	67.0	0.0	0.0%
56.8%	66.9	67.0	0.1	0.1%
58.0%	66.8	66.9	0.1	0.1%
59.3%	66.8	66.9	0.1	0.1%
60.5%	66.8	66.9	0.1	0.1%
61.7%	66.6	66.8	0.2	0.3%
63.0%	66.4	66.7	0.3	0.5%
64.2%	66.3	66.5	0.2	0.3%
65.4%	66.3	66.4	0.1	0.2%
66.7%	66.3	66.4	0.1	0.2%
67.9%	66.2	66.3	0.1	0.2%
69.1%	66.0	66.3	0.3	0.5%
70.4%	65.8	66.2	0.4	0.6%
71.6%	65.8	66.2	0.4	0.6%
72.8%	65.8	66.2	0.4	0.6%
74.1%	65.8	65.9	0.1	0.2%
75.3%	65.7	65.8	0.1	0.2%
76.5%	65.5	65.7	0.2	0.3%
77.8%	65.4	65.6	0.2	0.3%
79.0%	65.4	65.4	0.0	0.0%
80.2%	65.3	65.4	0.1	0.2%
81.5%	65.1	65.2	0.1	0.2%
82.7%	65.0	65.1	0.1	0.2%
84.0%	65.0	65.0	0.0	0.0%
85.2%	64.8	64.8	0.0	0.0%
86.4%	64.6	64.8	0.2	0.3%
87.7%	64.6	64.6	0.0	0.0%
88.9%	64.4	64.3	-0.1	-0.2%
90.1%	64.0	64.2	0.2	0.3%
91.4%	63.6	64.1	0.5	0.8%
92.6%	63.4	63.4	0.0	0.0%
93.8%	63.2	63.3	0.1	0.2%
95.1%	61.9	61.9	0.0	0.0%
96.3%	61.7	61.7	0.0	0.0%
97.5%	61.0	61.0	0.0	0.0%
98.8%	60.0	60.0	0.0	0.0%
100.0%	60.0	60.0	0.0	0.0%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	74.3	74.0	-0.3	-0.4%
1.2%	74.2	73.9	-0.3	-0.4%
2.5%	74.0	73.4	-0.6	-0.8%
3.7%	73.3	72.7	-0.6	-0.8%
4.9%	73.0	72.6	-0.4	-0.5%
6.2%	72.6	72.6	0.0	0.0%
7.4%	72.3	72.6	0.3	0.4%
8.6%	72.2	72.5	0.3	0.4%
9.9%	71.7	72.2	0.5	0.7%
11.1%	71.0	71.8	0.8	1.1%
12.3%	70.8	70.6	-0.2	-0.3%
13.6%	70.7	69.9	-0.8	-1.1%
14.8%	69.8	69.6	-0.2	-0.3%
16.0%	69.8	69.5	-0.3	-0.4%
17.3%	69.6	69.5	-0.1	-0.1%
18.5%	69.6	69.4	-0.2	-0.3%
19.8%	69.2	69.4	0.2	0.3%
21.0%	69.2	69.3	0.1	0.1%
22.2%	69.2	69.3	0.1	0.1%
23.5%	69.1	69.3	0.2	0.3%
24.7%	69.1	69.2	0.1	0.1%
25.9%	69.1	69.2	0.1	0.1%
27.2%	69.1	69.2	0.1	0.1%
28.4%	69.1	69.2	0.1	0.1%
29.6%	69.1	69.1	0.0	0.0%
30.9%	69.1	69.1	0.0	0.0%
32.1%	69.1	69.0	-0.1	-0.1%
33.3%	69.0	69.0	0.0	0.0%
34.6%	69.0	68.8	-0.2	-0.3%
35.8%	68.9	68.8	-0.1	-0.1%
37.0%	68.8	68.8	0.0	0.0%
38.3%	68.7	68.7	0.0	0.0%
39.5%	68.7	68.7	0.0	0.0%
40.7%	68.7	68.7	0.0	0.0%
42.0%	68.6	68.7	0.1	0.1%
43.2%	68.6	68.7	0.1	0.1%
44.4%	68.5	68.6	0.1	0.1%
45.7%	68.5	68.6	0.1	0.1%
46.9%	68.5	68.6	0.1	0.1%
48.1%	68.4	68.6	0.2	0.3%
49.4%	68.4	68.5	0.1	0.1%
50.6%	68.3	68.5	0.2	0.3%
51.9%	68.3	68.4	0.1	0.1%
53.1%	68.3	68.4	0.1	0.1%
54.3%	68.3	68.4	0.1	0.1%
55.6%	68.2	68.3	0.1	0.1%
56.8%	68.1	68.3	0.2	0.3%
58.0%	68.0	68.2	0.2	0.3%
59.3%	68.0	68.2	0.2	0.3%
60.5%	68.0	68.1	0.1	0.1%
61.7%	67.9	68.0	0.1	0.1%
63.0%	67.9	68.0	0.1	0.1%
64.2%	67.8	67.7	-0.1	-0.1%
65.4%	67.8	67.7	-0.1	-0.1%
66.7%	67.8	67.7	-0.1	-0.1%
67.9%	67.7	67.6	-0.1	-0.1%
69.1%	67.7	67.6	-0.1	-0.1%
70.4%	67.6	67.6	0.0	0.0%
71.6%	67.6	67.6	0.0	0.0%
72.8%	67.6	67.5	-0.1	-0.1%
74.1%	67.5	67.5	0.0	0.0%
75.3%	67.5	67.5	0.0	0.0%
76.5%	67.3	67.4	0.1	0.1%
77.8%	67.3	67.4	0.1	0.1%
79.0%	67.2	67.3	0.1	0.1%
80.2%	67.2	67.2	0.0	0.0%
81.5%	67.1	67.2	0.1	0.1%
82.7%	67.0	67.2	0.2	0.3%
84.0%	66.9	67.0	0.1	0.1%
85.2%	66.9	67.0	0.1	0.1%
86.4%	66.8	66.9	0.1	0.1%
87.7%	66.8	66.8	0.0	0.0%
88.9%	66.7	66.8	0.1	0.1%
90.1%	66.7	66.7	0.0	0.0%
91.4%	66.5	66.5	0.0	0.0%
92.6%	66.4	66.4	0.0	0.0%
93.8%	66.4	66.4	0.0	0.0%
95.1%	66.4	66.4	0.0	0.0%
96.3%	66.4	66.3	-0.1	-0.2%
97.5%	66.4	66.3	-0.1	-0.2%
98.8%	66.3	66.2	-0.1	-0.2%
100.0%	66.3	66.2	-0.1	-0.2%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	76.1	75.3	-0.8	-1.1%
1.2%	74.8	74.6	-0.2	-0.3%
2.5%	73.6	73.7	0.1	0.1%
3.7%	73.4	73.5	0.1	0.1%
4.9%	73.4	72.2	-1.2	-1.6%
6.2%	73.2	72.0	-1.2	-1.6%
7.4%	71.9	71.9	0.0	0.0%
8.6%	71.2	71.9	0.7	1.0%
9.9%	71.2	71.7	0.5	0.7%
11.1%	71.0	71.4	0.4	0.6%
12.3%	70.6	71.4	0.8	1.1%
13.6%	70.5	71.2	0.7	1.0%
14.8%	70.5	71.0	0.5	0.7%
16.0%	70.5	71.0	0.5	0.7%
17.3%	70.3	71.0	0.7	1.0%
18.5%	70.3	70.9	0.6	0.9%
19.8%	70.1	70.8	0.7	1.0%
21.0%	70.1	70.4	0.3	0.4%
22.2%	70.1	70.3	0.2	0.3%
23.5%	70.1	70.2	0.1	0.1%
24.7%	70.0	70.2	0.2	0.3%
25.9%	69.9	70.1	0.2	0.3%
27.2%	69.8	70.1	0.3	0.4%
28.4%	69.8	70.0	0.2	0.3%
29.6%	69.7	70.0	0.3	0.4%
30.9%	69.6	70.0	0.4	0.6%
32.1%	69.6	69.9	0.3	0.4%
33.3%	69.4	69.9	0.5	0.7%
34.6%	69.4	69.8	0.4	0.6%
35.8%	69.3	69.7	0.4	0.6%
37.0%	69.3	69.5	0.2	0.3%
38.3%	69.2	69.3	0.1	0.1%
39.5%	69.0	69.1	0.1	0.1%
40.7%	68.9	69.1	0.2	0.3%
42.0%	68.7	68.9	0.2	0.3%
43.2%	68.7	68.7	0.0	0.0%
44.4%	68.7	68.6	-0.1	-0.1%
45.7%	68.6	68.4	-0.2	-0.3%
46.9%	68.5	68.4	-0.1	-0.1%
48.1%	68.5	68.3	-0.2	-0.3%
49.4%	68.4	68.0	-0.4	-0.6%
50.6%	68.4	67.9	-0.5	-0.7%
51.9%	68.4	67.8	-0.6	-0.9%
53.1%	68.3	67.8	-0.5	-0.7%
54.3%	68.3	67.8	-0.5	-0.7%
55.6%	68.2	67.7	-0.5	-0.7%
56.8%	68.2	67.7	-0.5	-0.7%
58.0%	67.7	67.7	0.0	0.0%
59.3%	67.7	67.6	-0.1	-0.1%
60.5%	67.7	67.5	-0.2	-0.3%
61.7%	67.6	67.5	-0.1	-0.1%
63.0%	67.5	67.4	-0.1	-0.1%
64.2%	67.5	67.3	-0.2	-0.3%
65.4%	67.4	67.3	-0.1	-0.1%
66.7%	67.3	67.2	-0.1	-0.1%
67.9%	67.3	67.2	-0.1	-0.1%
69.1%	67.2	67.1	-0.1	-0.1%
70.4%	67.2	67.0	-0.2	-0.3%
71.6%	67.2	67.0	-0.2	-0.3%
72.8%	67.2	66.9	-0.3	-0.4%
74.1%	67.0	66.9	-0.1	-0.1%
75.3%	66.9	66.8	-0.1	-0.1%
76.5%	66.8	66.7	-0.1	-0.1%
77.8%	66.7	66.6	-0.1	-0.1%
79.0%	66.6	66.6	0.0	0.0%
80.2%	66.6	66.6	0.0	0.0%
81.5%	66.5	66.6	0.1	0.2%
82.7%	66.5	66.6	0.1	0.2%
84.0%	66.4	66.5	0.1	0.2%
85.2%	66.3	66.5	0.2	0.3%
86.4%	66.3	66.5	0.2	0.3%
87.7%	66.2	66.3	0.1	0.2%
88.9%	66.0	66.3	0.3	0.5%
90.1%	66.0	66.3	0.3	0.5%
91.4%	65.9	66.1	0.2	0.3%
92.6%	65.9	65.9	0.0	0.0%
93.8%	65.7	65.8	0.1	0.2%
95.1%	65.7	65.7	0.0	0.0%
96.3%	65.6	65.5	-0.1	-0.2%
97.5%	65.5	65.4	-0.1	-0.2%
98.8%	65.4	65.2	-0.2	-0.3%
100.0%	65.4	65.2	-0.2	-0.3%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	69.0	67.6	-1.4	-2.0%
1.2%	67.9	66.9	-1.0	-1.5%
2.5%	67.3	66.9	-0.4	-0.6%
3.7%	66.8	66.5	-0.3	-0.4%
4.9%	66.4	66.1	-0.3	-0.5%
6.2%	66.4	66.0	-0.4	-0.6%
7.4%	66.0	65.6	-0.4	-0.6%
8.6%	65.8	65.6	-0.2	-0.3%
9.9%	65.8	65.5	-0.3	-0.5%
11.1%	65.7	65.4	-0.3	-0.5%
12.3%	65.5	65.3	-0.2	-0.3%
13.6%	65.5	65.3	-0.2	-0.3%
14.8%	65.4	65.2	-0.2	-0.3%
16.0%	65.4	65.1	-0.3	-0.5%
17.3%	65.3	65.1	-0.2	-0.3%
18.5%	65.3	65.0	-0.3	-0.5%
19.8%	65.2	64.9	-0.3	-0.5%
21.0%	65.0	64.9	-0.1	-0.2%
22.2%	64.9	64.8	-0.1	-0.2%
23.5%	64.8	64.7	-0.1	-0.2%
24.7%	64.6	64.6	0.0	0.0%
25.9%	64.6	64.6	0.0	0.0%
27.2%	64.5	64.6	0.1	0.2%
28.4%	64.4	64.5	0.1	0.2%
29.6%	64.3	64.4	0.1	0.2%
30.9%	64.0	64.3	0.3	0.5%
32.1%	64.0	64.2	0.2	0.3%
33.3%	63.6	64.1	0.5	0.8%
34.6%	63.6	64.1	0.5	0.8%
35.8%	63.4	63.7	0.3	0.5%
37.0%	63.3	63.7	0.4	0.6%
38.3%	63.3	63.6	0.3	0.5%
39.5%	63.2	63.5	0.3	0.5%
40.7%	63.2	63.4	0.2	0.3%
42.0%	63.2	63.3	0.1	0.2%
43.2%	63.2	63.1	-0.1	-0.2%
44.4%	63.2	63.0	-0.2	-0.3%
45.7%	62.9	62.8	-0.1	-0.2%
46.9%	62.9	62.6	-0.3	-0.5%
48.1%	62.8	62.4	-0.4	-0.6%
49.4%	62.8	62.4	-0.4	-0.6%
50.6%	62.7	62.3	-0.4	-0.6%
51.9%	62.4	62.1	-0.3	-0.5%
53.1%	62.4	61.9	-0.5	-0.8%
54.3%	62.3	61.9	-0.4	-0.6%
55.6%	62.3	61.9	-0.4	-0.6%
56.8%	62.2	61.8	-0.4	-0.6%
58.0%	62.1	61.8	-0.3	-0.5%
59.3%	62.0	61.8	-0.2	-0.3%
60.5%	62.0	61.8	-0.2	-0.3%
61.7%	61.7	61.7	0.0	0.0%
63.0%	61.6	61.7	0.1	0.2%
64.2%	61.4	61.6	0.2	0.3%
65.4%	61.3	61.6	0.3	0.5%
66.7%	61.2	61.6	0.4	0.7%
67.9%	61.2	61.3	0.1	0.2%
69.1%	61.2	61.3	0.1	0.2%
70.4%	61.2	61.2	0.0	0.0%
71.6%	61.0	61.1	0.1	0.2%
72.8%	61.0	61.1	0.1	0.2%
74.1%	60.9	60.9	0.0	0.0%
75.3%	60.8	60.8	0.0	0.0%
76.5%	60.8	60.8	0.0	0.0%
77.8%	60.7	60.7	0.0	0.0%
79.0%	60.7	60.6	-0.1	-0.2%
80.2%	60.5	60.5	0.0	0.0%
81.5%	60.4	60.4	0.0	0.0%
82.7%	60.3	60.4	0.1	0.2%
84.0%	60.2	60.2	0.0	0.0%
85.2%	60.2	60.2	0.0	0.0%
86.4%	60.2	60.1	-0.1	-0.2%
87.7%	60.0	60.1	0.1	0.2%
88.9%	59.8	60.0	0.2	0.3%
90.1%	59.7	60.0	0.3	0.5%
91.4%	59.5	59.8	0.3	0.5%
92.6%	59.1	59.1	0.0	0.0%
93.8%	59.0	59.0	0.0	0.0%
95.1%	58.8	58.8	0.0	0.0%
96.3%	58.7	58.7	0.0	0.0%
97.5%	58.6	58.6	0.0	0.0%
98.8%	57.8	57.8	0.0	0.0%
100.0%	57.8	57.8	0.0	0.0%

Table SQ-17-7a
Feather River at the Mouth, Monthly Temperature
Long-term Average and Average by Water Year Type

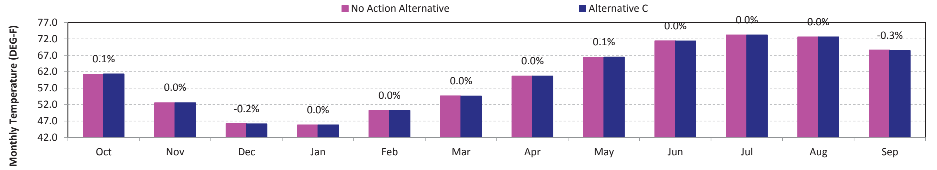
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	61.3	52.5	46.2	45.8	50.2	54.6	60.7	66.4	71.4	73.2	72.6	68.6
Alternative C	61.3	52.5	46.1	45.8	50.2	54.6	60.7	66.5	71.4	73.2	72.6	68.4
Difference	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2
Percent Difference[3]	0.1%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.3%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	60.7	52.8	46.6	46.6	50.0	53.4	58.6	64.5	69.7	73.4	72.9	66.7
Alternative C	60.8	52.8	46.5	46.6	50.0	53.3	58.6	64.5	69.6	73.5	73.1	66.6
Difference	0.2	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.2	-0.1
Percent Difference	0.3%	0.1%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.2%	-0.1%
Above Normal (15%)												
No Action Alternative	60.5	51.4	46.0	46.0	50.2	54.4	60.5	66.4	71.4	72.1	71.0	66.8
Alternative C	60.6	51.5	45.9	46.0	50.1	54.4	60.5	66.4	71.3	72.1	71.2	66.7
Difference	0.1	0.0	-0.2	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0	0.1	-0.1
Percent Difference	0.1%	0.0%	-0.4%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.2%	0.0%	0.2%	-0.2%
Below Normal (17%)												
No Action Alternative	61.3	52.5	45.8	45.4	49.7	55.0	60.8	66.6	71.7	72.7	71.9	70.0
Alternative C	61.4	52.5	45.8	45.4	49.7	55.0	60.8	66.6	71.6	72.7	72.1	69.9
Difference	0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.2	-0.1
Percent Difference	0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.2%	-0.2%
Dry (22%)												
No Action Alternative	61.6	52.7	46.3	44.8	50.2	55.4	62.0	67.7	72.9	72.8	72.1	70.2
Alternative C	61.8	52.7	46.2	44.8	50.2	55.4	62.0	67.9	73.0	72.8	71.7	69.8
Difference	0.2	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	-0.3	-0.4
Percent Difference	0.3%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	-0.5%	-0.6%
Critical (15%)												
No Action Alternative	62.6	52.6	45.7	45.3	51.1	55.8	63.1	68.1	72.3	74.9	74.7	70.3
Alternative C	62.4	52.6	45.7	45.4	51.0	55.7	63.2	68.1	72.4	74.8	74.5	70.1
Difference	-0.2	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	-0.1	-0.3	-0.3
Percent Difference	-0.3%	-0.1%	0.0%	0.1%	-0.1%	0.0%	0.1%	0.0%	0.0%	-0.2%	-0.3%	-0.4%

1 Based on the 82-year simulation period

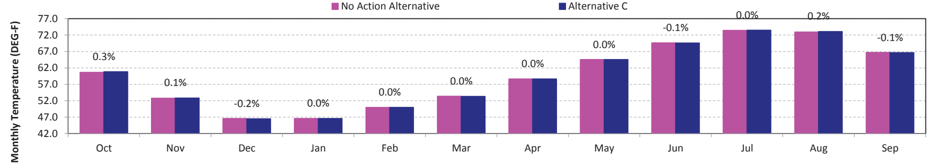
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

3 Relative difference of the monthly average

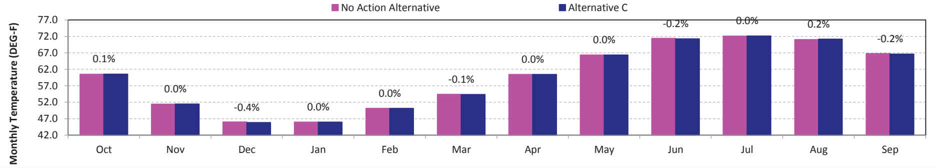
Feather River at the Mouth, Monthly Temperature
Full Simulation Period



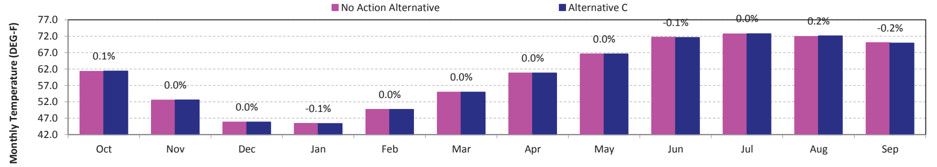
Feather River at the Mouth, Monthly Temperature
Wet Water Year Types (32%)



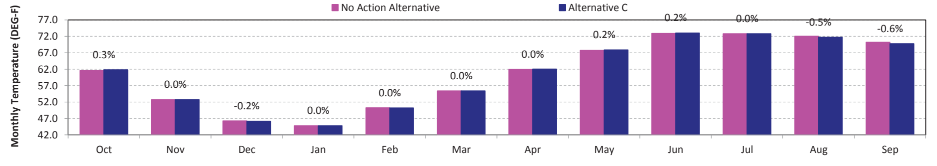
Feather River at the Mouth, Monthly Temperature
Above Normal Water Year Types (15%)



Feather River at the Mouth, Monthly Temperature
Below Normal Water Year Types (17%)



Feather River at the Mouth, Monthly Temperature
Dry Water Year Types (22%)



Feather River at the Mouth, Monthly Temperature
Critical Water Year Types (15%)

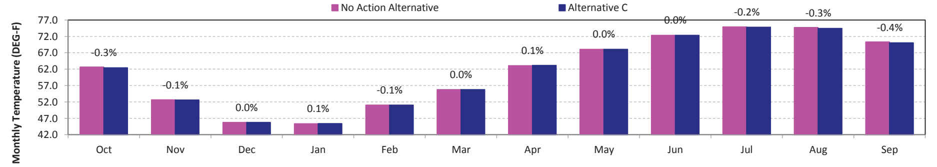


Figure SQ-17-7b
Feather River at the Mouth, Monthly Temperature
Probability of Exceedance

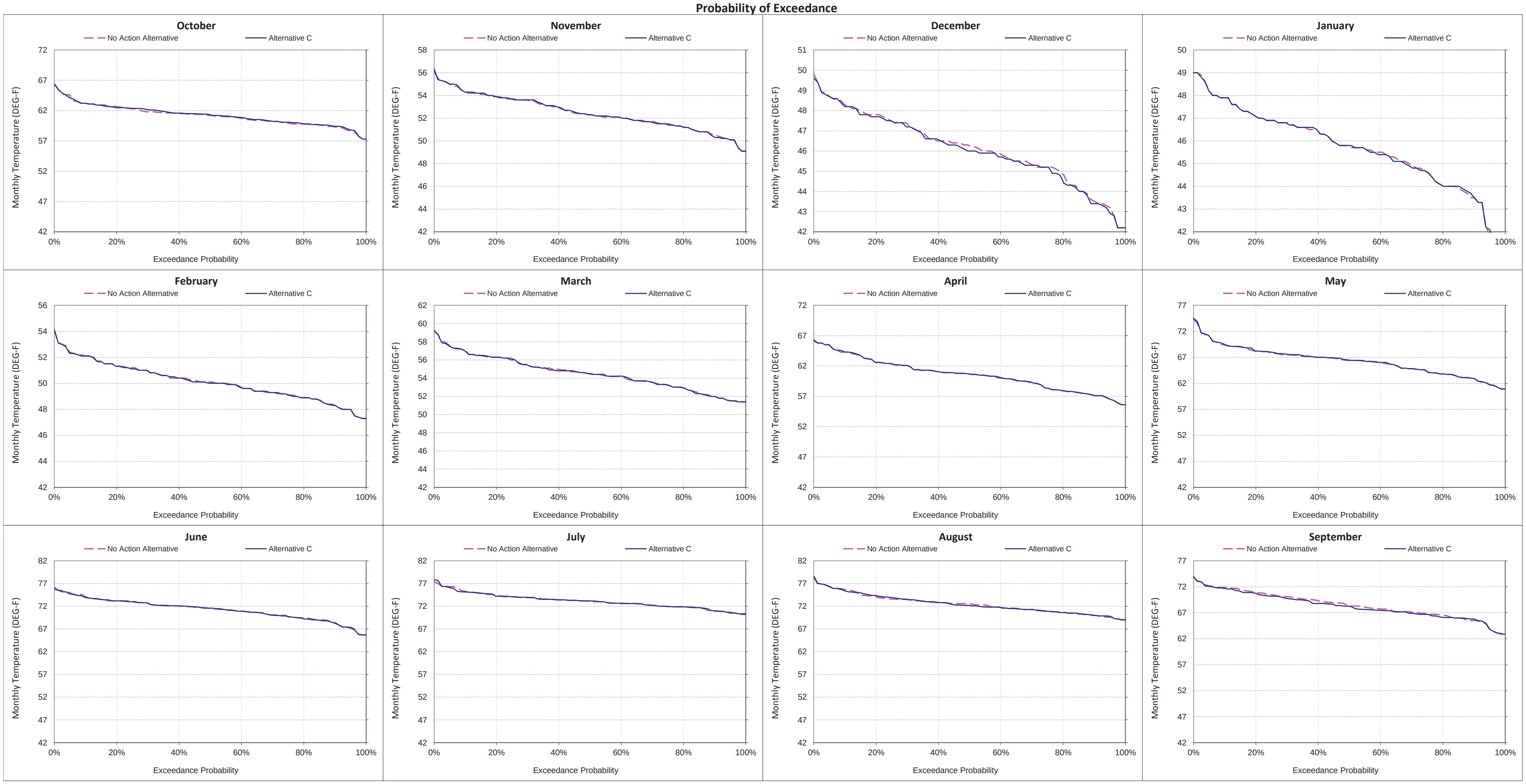


Table SQ-17-7b

Feather River at the Mouth, Monthly Temperature

Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.4	66.4	0.0	0.0%
1.2%	65.5	65.5	0.0	0.0%
2.5%	64.8	64.9	0.1	0.2%
3.7%	64.6	64.6	0.0	0.0%
4.9%	64.6	64.1	-0.5	-0.8%
6.2%	63.6	63.9	0.3	0.5%
7.4%	63.5	63.5	0.0	0.0%
8.6%	63.2	63.2	0.0	0.0%
9.9%	63.2	63.2	0.0	0.0%
11.1%	63.1	63.1	0.0	0.0%
12.3%	63.1	63.1	0.0	0.0%
13.6%	63.0	62.9	-0.1	-0.2%
14.8%	62.9	62.9	0.0	0.0%
16.0%	62.7	62.9	0.2	0.3%
17.3%	62.7	62.7	0.0	0.0%
18.5%	62.7	62.6	-0.1	-0.2%
19.8%	62.7	62.5	-0.2	-0.3%
21.0%	62.6	62.5	-0.1	-0.2%
22.2%	62.5	62.5	0.0	0.0%
23.5%	62.4	62.4	0.0	0.0%
24.7%	62.3	62.4	0.1	0.2%
25.9%	62.3	62.4	0.1	0.2%
27.2%	62.1	62.3	0.2	0.3%
28.4%	61.9	62.3	0.4	0.6%
29.6%	61.8	62.2	0.4	0.6%
30.9%	61.8	62.1	0.3	0.5%
32.1%	61.8	62.1	0.3	0.5%
33.3%	61.7	62.0	0.3	0.5%
34.6%	61.7	61.9	0.2	0.3%
35.8%	61.6	61.8	0.2	0.3%
37.0%	61.6	61.7	0.1	0.2%
38.3%	61.6	61.6	0.0	0.0%
39.5%	61.5	61.6	0.1	0.2%
40.7%	61.5	61.6	0.1	0.2%
42.0%	61.5	61.5	0.0	0.0%
43.2%	61.4	61.5	0.1	0.2%
44.4%	61.4	61.5	0.1	0.2%
45.7%	61.4	61.5	0.1	0.2%
46.9%	61.4	61.4	0.0	0.0%
48.1%	61.3	61.4	0.1	0.2%
49.4%	61.2	61.4	0.2	0.3%
50.6%	61.2	61.2	0.0	0.0%
51.9%	61.1	61.2	0.1	0.2%
53.1%	61.0	61.2	0.2	0.3%
54.3%	61.0	61.1	0.1	0.2%
55.6%	61.0	61.1	0.1	0.2%
56.8%	60.9	61.0	0.1	0.2%
58.0%	60.9	61.0	0.1	0.2%
59.3%	60.8	60.9	0.1	0.2%
60.5%	60.7	60.8	0.1	0.2%
61.7%	60.5	60.7	0.2	0.3%
63.0%	60.5	60.6	0.1	0.2%
64.2%	60.4	60.5	0.1	0.2%
65.4%	60.4	60.5	0.1	0.2%
66.7%	60.4	60.5	0.1	0.2%
67.9%	60.3	60.4	0.1	0.2%
69.1%	60.2	60.3	0.1	0.2%
70.4%	60.2	60.2	0.0	0.0%
71.6%	60.2	60.2	0.0	0.0%
72.8%	60.1	60.1	0.0	0.0%
74.1%	59.9	60.1	0.2	0.3%
75.3%	59.9	60.1	0.2	0.3%
76.5%	59.8	60.0	0.2	0.3%
77.8%	59.8	60.0	0.2	0.3%
79.0%	59.8	59.9	0.1	0.2%
80.2%	59.8	59.8	0.0	0.0%
81.5%	59.8	59.8	0.0	0.0%
82.7%	59.8	59.7	-0.1	-0.2%
84.0%	59.7	59.7	0.0	0.0%
85.2%	59.7	59.6	-0.1	-0.2%
86.4%	59.5	59.6	0.1	0.2%
87.7%	59.4	59.6	0.2	0.3%
88.9%	59.4	59.5	0.1	0.2%
90.1%	59.3	59.4	0.1	0.2%
91.4%	59.3	59.4	0.1	0.2%
92.6%	59.1	59.3	0.2	0.3%
93.8%	58.8	59.0	0.2	0.3%
95.1%	58.6	58.8	0.2	0.3%
96.3%	58.5	58.7	0.2	0.3%
97.5%	57.8	57.8	0.0	0.0%
98.8%	57.3	57.3	0.0	0.0%
100.0%	57.3	57.3	0.0	0.0%

November				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.1	56.3	0.2	0.4%
1.2%	55.5	55.4	-0.1	-0.2%
2.5%	55.3	55.3	0.0	0.0%
3.7%	55.2	55.2	0.0	0.0%
4.9%	55.0	55.0	0.0	0.0%
6.2%	54.8	55.0	0.2	0.4%
7.4%	54.8	54.9	0.1	0.2%
8.6%	54.5	54.5	0.0	0.0%
9.9%	54.3	54.3	0.0	0.0%
11.1%	54.2	54.3	0.1	0.2%
12.3%	54.2	54.3	0.1	0.2%
13.6%	54.2	54.2	0.0	0.0%
14.8%	54.1	54.2	0.1	0.2%
16.0%	54.1	54.2	0.1	0.2%
17.3%	54.0	54.0	0.0	0.0%
18.5%	53.9	54.0	0.1	0.2%
19.8%	53.9	53.9	0.0	0.0%
21.0%	53.9	53.8	-0.1	-0.2%
22.2%	53.8	53.8	0.0	0.0%
23.5%	53.7	53.8	0.1	0.2%
24.7%	53.7	53.7	0.0	0.0%
25.9%	53.7	53.6	-0.1	-0.2%
27.2%	53.6	53.6	0.0	0.0%
28.4%	53.6	53.6	0.0	0.0%
29.6%	53.6	53.6	0.0	0.0%
30.9%	53.5	53.6	0.1	0.2%
32.1%	53.5	53.6	0.1	0.2%
33.3%	53.3	53.4	0.1	0.2%
34.6%	53.2	53.3	0.1	0.2%
35.8%	53.1	53.1	0.0	0.0%
37.0%	53.1	53.1	0.0	0.0%
38.3%	53.0	53.1	0.1	0.2%
39.5%	53.0	53.0	0.0	0.0%
40.7%	52.8	52.9	0.1	0.2%
42.0%	52.7	52.7	0.0	0.0%
43.2%	52.6	52.7	0.1	0.2%
44.4%	52.5	52.6	0.1	0.2%
45.7%	52.4	52.5	0.1	0.2%
46.9%	52.4	52.4	0.0	0.0%
48.1%	52.4	52.4	0.0	0.0%
49.4%	52.3	52.3	0.0	0.0%
50.6%	52.3	52.3	0.0	0.0%
51.9%	52.2	52.2	0.0	0.0%
53.1%	52.2	52.2	0.0	0.0%
54.3%	52.1	52.2	0.1	0.2%
55.6%	52.1	52.2	0.1	0.2%
56.8%	52.1	52.1	0.0	0.0%
58.0%	52.1	52.1	0.0	0.0%
59.3%	52.1	52.1	0.0	0.0%
60.5%	52.0	52.0	0.0	0.0%
61.7%	52.0	52.0	0.0	0.0%
63.0%	51.9	51.9	0.0	0.0%
64.2%	51.8	51.8	0.0	0.0%
65.4%	51.8	51.8	0.0	0.0%
66.7%	51.7	51.8	0.1	0.2%
67.9%	51.7	51.7	0.0	0.0%
69.1%	51.7	51.7	0.0	0.0%
70.4%	51.7	51.6	-0.1	-0.2%
71.6%	51.6	51.5	-0.1	-0.2%
72.8%	51.5	51.5	0.0	0.0%
74.1%	51.5	51.5	0.0	0.0%
75.3%	51.5	51.4	-0.1	-0.2%
76.5%	51.4	51.4	0.0	0.0%
77.8%	51.4	51.3	-0.1	-0.2%
79.0%	51.3	51.3	0.0	0.0%
80.2%	51.2	51.2	0.0	0.0%
81.5%	51.2	51.2	0.0	0.0%
82.7%	51.0	51.0	0.0	0.0%
84.0%	50.9	50.9	0.0	0.0%
85.2%	50.8	50.8	0.0	0.0%
86.4%	50.8	50.8	0.0	0.0%
87.7%	50.8	50.8	0.0	0.0%
88.9%	50.6	50.5	-0.1	-0.2%
90.1%	50.5	50.3	-0.2	-0.4%
91.4%	50.4	50.3	-0.1	-0.2%
92.6%	50.3	50.2	-0.1	-0.2%
93.8%	50.2	50.2	0.0	0.0%
95.1%	50.1	50.1	0.0	0.0%
96.3%	50.1	50.1	0.0	0.0%
97.5%	49.4	49.4	0.0	0.0%
98.8%	49.1	49.1	0.0	0.0%
100.0%	49.1	49.1	0.0	0.0%

December				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	49.8	49.6	-0.2	-0.4%
1.2%	49.4	49.4	0.0	0.0%
2.5%	48.9	48.9	0.0	0.0%
3.7%	48.9	48.8	-0.1	-0.2%
4.9%	48.7	48.7	0.0	0.0%
6.2%	48.6	48.6	0.0	0.0%
7.4%	48.5	48.6	0.1	0.2%
8.6%	48.5	48.4	-0.1	-0.2%
9.9%	48.3	48.2	-0.1	-0.2%
11.1%	48.2	48.2	0.0	0.0%
12.3%	48.1	48.2	0.1	0.2%
13.6%	48.1	48.1	0.0	0.0%
14.8%	48.0	47.8	-0.2	-0.4%
16.0%	47.9	47.8	-0.1	-0.2%
17.3%	47.8	47.8	0.0	0.0%
18.5%	47.8	47.7	-0.1	-0.2%
19.8%	47.8	47.7	-0.1	-0.2%
21.0%	47.8	47.7	-0.1	-0.2%
22.2%	47.7	47.6	-0.1	-0.2%
23.5%	47.6	47.5	-0.1	-0.2%
24.7%	47.5	47.5	0.0	0.0%
25.9%	47.4	47.4	0.0	0.0%
27.2%	47.4	47.4	0.0	0.0%
28.4%	47.4	47.4	0.0	0.0%
29.6%	47.4	47.2	-0.2	-0.4%
30.9%	47.2	47.2	0.0	0.0%
32.1%	47.1	47.1	0.0	0.0%
33.3%	47.0	47.0	0.0	0.0%
34.6%	47.0	46.9	-0.1	-0.2%
35.8%	46.8	46.6	-0.2	-0.4%
37.0%	46.6	46.6	0.0	0.0%
38.3%	46.6	46.6	0.0	0.0%
39.5%	46.5	46.6	0.1	0.2%
40.7%	46.5	46.5	0.0	0.0%
42.0%	46.5	46.4	-0.1	-0.2%
43.2%	46.5	46.3	-0.2	-0.4%
44.4%	46.4	46.3	-0.1	-0.2%
45.7%	46.4	46.3	-0.1	-0.2%
46.9%	46.4	46.2	-0.2	-0.4%
48.1%	46.3	46.1	-0.2	-0.4%
49.4%	46.3	46.0	-0.3	-0.6%
50.6%	46.2	46.0	-0.2	-0.4%
51.9%	46.2	46.0	-0.2	-0.4%
53.1%	46.1	45.9	-0.2	-0.4%
54.3%	46.0	45.9	-0.1	-0.2%
55.6%	46.0	45.9	-0.1	-0.2%
56.8%	46.0	45.9	-0.1	-0.2%
58.0%	45.9	45.9	0.0	0.0%
59.3%	45.9	45.7	-0.2	-0.4%
60.5%	45.8	45.7	-0.1	-0.2%
61.7%	45.7	45.6	-0.1	-0.2%
63.0%	45.6	45.6	0.0	0.0%
64.2%	45.5	45.5	0.0	0.0%
65.4%	45.5	45.5	0.0	0.0%
66.7%	45.5	45.4	-0.1	-0.2%
67.9%	45.5	45.3	-0.2	-0.4%
69.1%	45.4	45.3	-0.1	-0.2%
70.4%	45.3	45.3	0.0	0.0%
71.6%	45.2	45.3	0.1	0.2%
72.8%	45.2	45.2	0.0	0.0%
74.1%	45.2	45.2	0.0	0.0%
75.3%	45.2	45.2	0.0	0.0%
76.5%	45.2	44.9	-0.3	-0.7%
77.8%	45.1	44.9	-0.2	-0.4%
79.0%	45.0	44.8	-0.2	-0.4%
80.2%	44.8	44.4	-0.4	-0.9%
81.5%	44.4	44.3	-0.1	-0.2%
82.7%	44.3	44.3	0.0	0.0%
84.0%	44.3	44.2	-0.1	-0.2%
85.2%	44.0	44.0	0.0	0.0%
86.4%	44.0	44.0	0.0	0.0%
87.7%	43.9	43.8	-0.1	-0.2%
88.9%	43.6	43.4	-0.2	-0.5%
90.1%	43.5	43.4	-0.1	-0.2%
91.4%	43.4	43.4	0.0	0.0%
92.6%	43.4	43.3	-0.1	-0.2%
93.8%	43.3	43.2	-0.1	-0.2%
95.1%	43.2	42.9	-0.3	-0.7%
96.3%	42.8	42.8	0.0	0.0%
97.5%	42.2	42.2	0.0	0.0%
98.8%	42.2	42.2	0.0	0.0%
100.0%	42.2	42.2	0.0	0.0%

January				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	49.0	49.0	0.0	0.0%
1.2%	49.0	49.0	0.0	0.0%
2.5%	48.9	48.8	-0.1	-0.2%
3.7%	48.6	48.6	0.0	0.0%
4.9%	48.2	48.2	0.0	0.0%
6.2%	48.0	48.0	0.0	0.0%
7.4%	48.0	48.0	0.0	0.0%
8.6%	47.9	47.9	0.0	0.0%
9.9%	47.9	47.9	0.0	0.0%
11.1%	47.9	47.9	0.0	0.0%
12.3%	47.6	47.6	0.0	0.0%
13.6%	47.6	47.6	0.0	0.0%
14.8%	47.4	47.4	0.0	0.0%
16.0%	47.3	47.3	0.0	0.0%
17.3%	47.3	47.3	0.0	0.0%
18.5%	47.2	47.2	0.0	0.0%
19.8%	47.1	47.1	0.0	0.0%
21.0%	47.0	47.0	0.0	0.0%
22.2%	47.0	47.0	0.0	0.0%
23.5%	46.9	46.9	0.0	0.0%
24.7%	46.9	46.9	0.0	0.0%
25.9%	46.9	46.9	0.0	0.0%
27.2%	46.8	46.8	0.0	0.0%
28.4%	46.8	46.8	0.0	0.0%
29.6%	46.8	46.8	0.0	0.0%
30.9%	46.8	46.7	-0.1	-0.2%
32.1%	46.7	46.7	0.0	0.0%
33.3%	46.6	46.6	0.0	0.0%
34.6%	46.6	46.6	0.0	0.0%
35.8%	46.6	46.6	0.0	0.0%
37.0%	46.5	46.6	0.1	0.2%
38.3%	46.5	46.6	0.1	0.2%
39.5%	46.5	46.5	0.0	0.0%
40.7%	46.3	46.3	0.0	0.0%
42.0%	46.3	46.3	0.0	0.0%
43.2%	46.2	46.2	0.0	0.0%
44.4%	46.0	46.0	0.0	0.0%
45.7%	45.9	45.9	0.0	0.0%
46.9%	45.8	45.8	0.0	0.0%
48.1%	45.8	45.8	0.0	0.0%
49.4%	45.8	45.8	0.0	0.0%
50.6%	45.7	45.8	0.1	0.2%
51.9%	45.7	45.7	0.0	0.0%
53.1%	45.7	45.7	0.0	0.0%
54.3%	45.7	45.7	0.0	0.0%
55.6%	45.6	45.6	0.0	0.0%
56.8%	45.6	45.5	-0.1	-0.2%
58.0%	45.5	45.5	0.0	0.0%
59.3%	45.5	45.4	-0.1	-0.2%
60.5%	45.5	45.4	-0.1	-0.2%
61.7%	45.4	45.4	0.0	0.0%
63.0%	45.3	45.3	0.0	0.0%
64.2%	45.3	45.1	-0.2	-0.4%
65.4%	45.2	45.1	-0.1	-0.2%
66.7%	45.1	45.1	0.0	0.0%
67.9%	45.1	45.0	-0.1	-0.2%
69.1%	45.0	44.9	-0.1	-0.2%
70.4%	44.9	44.8	-0.1	-0.2%
71.6%	44.8	44.8	0.0	0.0%
72.8%	44.8	44.7	-0.1	-0.2%
74.1%	44.7	44.7	0.0	0.0%
75.3%	44.6	44.6	0.0	0.0%
76.5%	44.4	44.4	0.0	0.0%
77.8%	44.2	44.2	0.0	0.0%
79.0%	44.1	44.1	0.0	0.0%
80.2%	44.0	44.0	0.0	0.0%
81.5%	44.0	44.0	0.0	0.0%
82.7%	44.0	44.0	0.0	0.0%
84.0%	44.0	44.0	0.0	0.0%
85.2%	43.9	44.0	0.1	0.2%
86.4%	43.8	43.9	0.1	0.2%
87.7%	43.7	43.8	0.1	0.2%
88.9%	43.5	43.7	0.2	0.5%
90.1%	43.5	43.5	0.0	0.0%
91.4%	43.3	43.3	0.0	0.0%
92.6%	43.3	43.3	0.0	0.0%
93.8%	42.2	42.2	0.0	0.0%
95.1%	41.9	42.1	0.2	0.5%
96.3%	41.6	41.6	0.0	0.0%
97.5%	41.0	41.0	0.0	0.0%
98.8%	41.0	41.0	0.0	0.0%
100.0%	41.0	41.0	0.0	0.0%

Table SQ-17-7b

Feather River at the Mouth, Monthly Temperature
Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.1	54.1	0.0	0.0%
1.2%	53.1	53.1	0.0	0.0%
2.5%	53.0	53.0	0.0	0.0%
3.7%	52.9	52.8	-0.1	-0.2%
4.9%	52.4	52.3	-0.1	-0.2%
6.2%	52.3	52.3	0.0	0.0%
7.4%	52.2	52.2	0.0	0.0%
8.6%	52.2	52.1	-0.1	-0.2%
9.9%	52.1	52.1	0.0	0.0%
11.1%	52.1	52.1	0.0	0.0%
12.3%	52.1	52.0	-0.1	-0.2%
13.6%	51.7	51.7	0.0	0.0%
14.8%	51.6	51.7	0.1	0.2%
16.0%	51.5	51.5	0.0	0.0%
17.3%	51.5	51.5	0.0	0.0%
18.5%	51.5	51.5	0.0	0.0%
19.8%	51.4	51.3	-0.1	-0.2%
21.0%	51.3	51.3	0.0	0.0%
22.2%	51.3	51.2	-0.1	-0.2%
23.5%	51.2	51.2	0.0	0.0%
24.7%	51.2	51.1	-0.1	-0.2%
25.9%	51.2	51.1	-0.1	-0.2%
27.2%	51.0	51.0	0.0	0.0%
28.4%	51.0	51.0	0.0	0.0%
29.6%	51.0	51.0	0.0	0.0%
30.9%	50.8	50.8	0.0	0.0%
32.1%	50.8	50.8	0.0	0.0%
33.3%	50.7	50.7	0.0	0.0%
34.6%	50.6	50.6	0.0	0.0%
35.8%	50.6	50.6	0.0	0.0%
37.0%	50.4	50.5	0.1	0.2%
38.3%	50.4	50.5	0.1	0.2%
39.5%	50.4	50.4	0.0	0.0%
40.7%	50.4	50.4	0.0	0.0%
42.0%	50.4	50.3	-0.1	-0.2%
43.2%	50.3	50.2	-0.1	-0.2%
44.4%	50.2	50.1	-0.1	-0.2%
45.7%	50.2	50.1	-0.1	-0.2%
46.9%	50.1	50.1	0.0	0.0%
48.1%	50.1	50.1	0.0	0.0%
49.4%	50.1	50.0	-0.1	-0.2%
50.6%	50.1	50.0	-0.1	-0.2%
51.9%	50.0	50.0	0.0	0.0%
53.1%	50.0	50.0	0.0	0.0%
54.3%	50.0	50.0	0.0	0.0%
55.6%	50.0	49.9	-0.1	-0.2%
56.8%	49.9	49.9	0.0	0.0%
58.0%	49.9	49.9	0.0	0.0%
59.3%	49.8	49.7	-0.1	-0.2%
60.5%	49.6	49.6	0.0	0.0%
61.7%	49.6	49.6	0.0	0.0%
63.0%	49.6	49.6	0.0	0.0%
64.2%	49.4	49.4	0.0	0.0%
65.4%	49.4	49.4	0.0	0.0%
66.7%	49.4	49.4	0.0	0.0%
67.9%	49.3	49.4	0.1	0.2%
69.1%	49.3	49.3	0.0	0.0%
70.4%	49.3	49.3	0.0	0.0%
71.6%	49.2	49.3	0.1	0.2%
72.8%	49.2	49.2	0.0	0.0%
74.1%	49.1	49.2	0.1	0.2%
75.3%	49.1	49.1	0.0	0.0%
76.5%	49.1	49.0	-0.1	-0.2%
77.8%	49.0	49.0	0.0	0.0%
79.0%	48.9	48.9	0.0	0.0%
80.2%	48.9	48.9	0.0	0.0%
81.5%	48.9	48.9	0.0	0.0%
82.7%	48.8	48.8	0.0	0.0%
84.0%	48.8	48.8	0.0	0.0%
85.2%	48.7	48.7	0.0	0.0%
86.4%	48.5	48.5	0.0	0.0%
87.7%	48.4	48.4	0.0	0.0%
88.9%	48.3	48.4	0.1	0.2%
90.1%	48.3	48.3	0.0	0.0%
91.4%	48.1	48.1	0.0	0.0%
92.6%	48.0	48.0	0.0	0.0%
93.8%	48.0	48.0	0.0	0.0%
95.1%	48.0	48.0	0.0	0.0%
96.3%	47.5	47.5	0.0	0.0%
97.5%	47.4	47.4	0.0	0.0%
98.8%	47.3	47.3	0.0	0.0%
100.0%	47.3	47.3	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.2	59.2	0.0	0.0%
1.2%	58.8	58.8	0.0	0.0%
2.5%	58.1	57.9	-0.2	-0.3%
3.7%	57.9	57.8	-0.1	-0.2%
4.9%	57.6	57.5	-0.1	-0.2%
6.2%	57.3	57.3	0.0	0.0%
7.4%	57.2	57.3	0.1	0.2%
8.6%	57.2	57.2	0.0	0.0%
9.9%	57.1	57.0	-0.1	-0.2%
11.1%	56.6	56.6	0.0	0.0%
12.3%	56.6	56.6	0.0	0.0%
13.6%	56.6	56.5	-0.1	-0.2%
14.8%	56.5	56.5	0.0	0.0%
16.0%	56.4	56.5	0.1	0.2%
17.3%	56.3	56.4	0.1	0.2%
18.5%	56.3	56.3	0.0	0.0%
19.8%	56.3	56.3	0.0	0.0%
21.0%	56.3	56.3	0.0	0.0%
22.2%	56.2	56.2	0.0	0.0%
23.5%	56.2	56.2	0.0	0.0%
24.7%	56.2	56.0	-0.2	-0.4%
25.9%	56.0	56.0	0.0	0.0%
27.2%	55.7	55.6	-0.1	-0.2%
28.4%	55.5	55.5	0.0	0.0%
29.6%	55.5	55.5	0.0	0.0%
30.9%	55.3	55.3	0.0	0.0%
32.1%	55.2	55.2	0.0	0.0%
33.3%	55.2	55.2	0.0	0.0%
34.6%	55.2	55.1	-0.1	-0.2%
35.8%	55.1	55.1	0.0	0.0%
37.0%	55.1	54.9	-0.2	-0.4%
38.3%	55.0	54.9	-0.1	-0.2%
39.5%	55.0	54.8	-0.2	-0.4%
40.7%	54.9	54.8	-0.1	-0.2%
42.0%	54.9	54.8	-0.1	-0.2%
43.2%	54.7	54.8	0.1	0.2%
44.4%	54.7	54.8	0.1	0.2%
45.7%	54.7	54.7	0.0	0.0%
46.9%	54.6	54.6	0.0	0.0%
48.1%	54.6	54.6	0.0	0.0%
49.4%	54.5	54.5	0.0	0.0%
50.6%	54.5	54.4	-0.1	-0.2%
51.9%	54.4	54.4	0.0	0.0%
53.1%	54.4	54.4	0.0	0.0%
54.3%	54.3	54.4	0.1	0.2%
55.6%	54.2	54.2	0.0	0.0%
56.8%	54.2	54.2	0.0	0.0%
58.0%	54.2	54.2	0.0	0.0%
59.3%	54.2	54.2	0.0	0.0%
60.5%	54.2	54.2	0.0	0.0%
61.7%	53.9	54.1	0.2	0.4%
63.0%	53.8	53.9	0.1	0.2%
64.2%	53.7	53.7	0.0	0.0%
65.4%	53.7	53.7	0.0	0.0%
66.7%	53.7	53.7	0.0	0.0%
67.9%	53.6	53.7	0.1	0.2%
69.1%	53.6	53.6	0.0	0.0%
70.4%	53.5	53.5	0.0	0.0%
71.6%	53.4	53.3	-0.1	-0.2%
72.8%	53.4	53.3	-0.1	-0.2%
74.1%	53.3	53.3	0.0	0.0%
75.3%	53.2	53.2	0.0	0.0%
76.5%	53.0	53.0	0.0	0.0%
77.8%	53.0	53.0	0.0	0.0%
79.0%	53.0	53.0	0.0	0.0%
80.2%	52.9	52.9	0.0	0.0%
81.5%	52.7	52.7	0.0	0.0%
82.7%	52.6	52.6	0.0	0.0%
84.0%	52.5	52.3	-0.2	-0.4%
85.2%	52.3	52.3	0.0	0.0%
86.4%	52.2	52.2	0.0	0.0%
87.7%	52.2	52.1	-0.1	-0.2%
88.9%	52.0	52.0	0.0	0.0%
90.1%	52.0	52.0	0.0	0.0%
91.4%	51.8	51.8	0.0	0.0%
92.6%	51.8	51.8	0.0	0.0%
93.8%	51.6	51.6	0.0	0.0%
95.1%	51.5	51.5	0.0	0.0%
96.3%	51.5	51.5	0.0	0.0%
97.5%	51.5	51.4	-0.1	-0.2%
98.8%	51.4	51.4	0.0	0.0%
100.0%	51.4	51.4	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.1	66.3	0.2	0.3%
1.2%	65.8	65.8	0.0	0.0%
2.5%	65.8	65.8	0.0	0.0%
3.7%	65.6	65.5	-0.1	-0.2%
4.9%	65.5	65.5	0.0	0.0%
6.2%	64.8	64.8	0.0	0.0%
7.4%	64.6	64.6	0.0	0.0%
8.6%	64.3	64.6	0.3	0.5%
9.9%	64.3	64.3	0.0	0.0%
11.1%	64.3	64.3	0.0	0.0%
12.3%	64.0	64.2	0.2	0.3%
13.6%	63.9	64.0	0.1	0.2%
14.8%	63.8	63.8	0.0	0.0%
16.0%	63.3	63.3	0.0	0.0%
17.3%	63.2	63.2	0.0	0.0%
18.5%	63.1	63.1	0.0	0.0%
19.8%	62.6	62.6	0.0	0.0%
21.0%	62.6	62.6	0.0	0.0%
22.2%	62.5	62.5	0.0	0.0%
23.5%	62.4	62.4	0.0	0.0%
24.7%	62.4	62.4	0.0	0.0%
25.9%	62.2	62.2	0.0	0.0%
27.2%	62.1	62.2	0.1	0.2%
28.4%	62.1	62.1	0.0	0.0%
29.6%	62.1	62.1	0.0	0.0%
30.9%	61.9	61.9	0.0	0.0%
32.1%	61.4	61.4	0.0	0.0%
33.3%	61.4	61.4	0.0	0.0%
34.6%	61.3	61.3	0.0	0.0%
35.8%	61.3	61.3	0.0	0.0%
37.0%	61.3	61.3	0.0	0.0%
38.3%	61.2	61.2	0.0	0.0%
39.5%	61.1	61.1	0.0	0.0%
40.7%	61.0	61.0	0.0	0.0%
42.0%	60.9	60.9	0.0	0.0%
43.2%	60.9	60.9	0.0	0.0%
44.4%	60.9	60.9	0.0	0.0%
45.7%	60.8	60.8	0.0	0.0%
46.9%	60.8	60.8	0.0	0.0%
48.1%	60.8	60.8	0.0	0.0%
49.4%	60.7	60.7	0.0	0.0%
50.6%	60.6	60.6	0.0	0.0%
51.9%	60.6	60.6	0.0	0.0%
53.1%	60.5	60.5	0.0	0.0%
54.3%	60.5	60.5	0.0	0.0%
55.6%	60.4	60.4	0.0	0.0%
56.8%	60.3	60.3	0.0	0.0%
58.0%	60.2	60.3	0.1	0.2%
59.3%	60.0	60.2	0.2	0.3%
60.5%	60.0	60.0	0.0	0.0%
61.7%	59.9	59.9	0.0	0.0%
63.0%	59.9	59.9	0.0	0.0%
64.2%	59.7	59.8	0.1	0.2%
65.4%	59.5	59.6	0.1	0.2%
66.7%	59.5	59.5	0.0	0.0%
67.9%	59.5	59.5	0.0	0.0%
69.1%	59.3	59.4	0.1	0.2%
70.4%	59.2	59.2	0.0	0.0%
71.6%	59.1	59.1	0.0	0.0%
72.8%	58.9	58.9	0.0	0.0%
74.1%	58.4	58.4	0.0	0.0%
75.3%	58.3	58.3	0.0	0.0%
76.5%	58.1	58.1	0.0	0.0%
77.8%	58.1	58.1	0.0	0.0%
79.0%	58.0	58.0	0.0	0.0%
80.2%	57.9	57.9	0.0	0.0%
81.5%	57.8	57.8	0.0	0.0%
82.7%	57.8	57.8	0.0	0.0%
84.0%	57.7	57.7	0.0	0.0%
85.2%	57.6	57.6	0.0	0.0%
86.4%	57.5	57.5	0.0	0.0%
87.7%	57.4	57.4	0.0	0.0%
88.9%	57.3	57.3	0.0	0.0%
90.1%	57.1	57.1	0.0	0.0%
91.4%	57.1	57.1	0.0	0.0%
92.6%	57.1	57.1	0.0	0.0%
93.8%	56.8	56.8	0.0	0.0%
95.1%	56.5	56.5	0.0	0.0%
96.3%	56.3	56.3	0.0	0.0%
97.5%	55.9	55.9	0.0	0.0%
98.8%	55.6	55.6	0.0	0.0%
100.0%	55.6	55.6	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	74.4	74.5	0.1	0.1%
1.2%	73.5	73.9	0.4	0.5%
2.5%	71.7	71.7	0.0	0.0%
3.7%	71.4	71.5	0.1	0.1%
4.9%	71.2	71.2	0.0	0.0%
6.2%	70.1	70.1	0.0	0.0%
7.4%	69.9	69.9	0.0	0.0%
8.6%	69.5	69.8	0.3	0.4%
9.9%	69.4	69.5	0.1	0.1%
11.1%	69.2	69.2	0.0	0.0%
12.3%	69.1	69.1	0.0	0.0%
13.6%	69.1	69.1	0.0	0.0%
14.8%	69.0	69.1	0.1	0.1%
16.0%	68.9	68.9	0.0	0.0%
17.3%	68.6	68.8	0.2	0.3%
18.5%	68.4	68.8	0.4	0.6%
19.8%	68.2	68.2	0.0	0.0%
21.0%	68.2	68.2	0.0	0.0%
22.2%	68.1	68.1	0.0	0.0%
23.5%	68.1	68.1	0.0	0.0%
24.7%	67.9	68.0	0.1	0.1%
25.9%	67.7	67.9	0.2	0.3%
27.2%	67.7	67.7	0.0	0.0%
28.4%	67.5	67.7	0.2	0.3%
29.6%	67.5	67.6	0.1	0.1%
30.9%	67.5	67.5	0.0	0.0%
32.1%	67.4	67.5	0.1	0.1%
33.3%	67.4	67.5	0.1	0.1%
34.6%	67.2	67.4	0.2	0.3%
35.8%	67.2	67.2	0.0	0.0%
37.0%	67.2	67.2	0.0	0.0%
38.3%	67.1	67.1	0.0	0.0%
39.5%	67.0	67.0	0.0	0.0%
40.7%	67.0	67.0	0.0	0.0%
42.0%	67.0	67.0	0.0	0.0%
43.2%	66.9	66.9	0.0	0.0%
44.4%	66.9	66.9	0.0	0.0%
45.7%	66.8	66.8	0.0	0.0%
46.9%	66.6	66.8	0.2	0.3%
48.1%	66.5	66.6	0.1	0.2%
49.4%	66.4	66.5	0.1	0.2%
50.6%	66.4	66.4	0.0	0.0%
51.9%	66.4	66.4	0.0	0.0%
53.1%	66.4	66.4	0.0	0.0%
54.3%	66.4	66.3	-0.1	-0.2%
55.6%	66.3	66.2	-0.1	-0.2%
56.8%	66.2	66.2	0.0	0.0%
58.0%	66.2	66.1	-0.1	-0.2%
59.3%	66.1	66.0	-0.1	-0.2%
60.5%	66.0	66.0	0.0	0.0%
61.7%	65.8	66.0	0.2	0.3%
63.0%	65.7	65.7	0.0	0.0%
64.2%	65.6	65.6	0.0	0.0%
65.4%	65.3	65.3	0.0	0.0%
66.7%	64.9	64.9	0.0	0.0%
67.9%	64.9	64.9	0.0	0.0%
69.1%	64.8	64.8	0.0	0.0%
70.4%	64.8	64.8	0.0	0.0%
71.6%	64.7	64.7	0.0	0.0%
72.8%	64.6	64.6	0.0	0.0%
74.1%	64.6	64.6	0.0	0.0%
75.3%	64.1	64.1	0.0	0.0%
76.5%	64.0	64.0	0.0	0.0%
77.8%	64.0	64.0	0.0	0.0%
79.0%	63.8	63.8	0.0	0.0%
80.2%	63.8	63.8	0.0	0.0%
81.5%	63.7	63.7	0.0	0.0%
82.7%	63.7	63.7	0.0	0.0%
84.0%	63.5	63.5	0.0	0.0%
85.2%	63.2	63.2	0.0	0.0%
86.4%	63.1	63.1	0.0	0.0%
87.7%	63.1	63.1	0.0	0.0%
88.9%	63.0	63.0	0.0	0.0%
90.1%	62.9	62.9	0.0	0.0%
91.4%	62.4	62.4	0.0	0.0%
92.6%	62.2	62.3	0.1	0.2%
93.8%	62.1	62.1	0.0	0.0%
95.1%	61.7	61.7	0.0	0.0%
96.3%	61.6	61.6	0.0	0.0%
97.5%	61.2	61.2	0.0	0.0%
98.8%	60.9	60.9	0.0	0.0%
100.0%	60.9	60.9	0.0	0.0%

Table SQ-17-7b

Feather River at the Mouth, Monthly Temperature
Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	75.7	76.1	0.4	0.5%
1.2%	75.5	75.5	0.0	0.0%
2.5%	75.5	75.2	-0.3	-0.4%
3.7%	75.1	75.2	0.1	0.1%
4.9%	75.0	74.7	-0.3	-0.4%
6.2%	74.6	74.6	0.0	0.0%
7.4%	74.6	74.4	-0.2	-0.3%
8.6%	74.6	74.3	-0.3	-0.4%
9.9%	74.1	73.9	-0.2	-0.3%
11.1%	73.8	73.8	0.0	0.0%
12.3%	73.7	73.7	0.0	0.0%
13.6%	73.6	73.7	0.1	0.1%
14.8%	73.5	73.5	0.0	0.0%
16.0%	73.4	73.4	0.0	0.0%
17.3%	73.2	73.4	0.2	0.3%
18.5%	73.2	73.2	0.0	0.0%
19.8%	73.2	73.2	0.0	0.0%
21.0%	73.2	73.2	0.0	0.0%
22.2%	73.2	73.1	-0.1	-0.1%
23.5%	73.2	73.0	-0.2	-0.3%
24.7%	72.9	73.0	0.1	0.1%
25.9%	72.9	73.0	0.1	0.1%
27.2%	72.8	72.8	0.0	0.0%
28.4%	72.8	72.8	0.0	0.0%
29.6%	72.7	72.8	0.1	0.1%
30.9%	72.4	72.4	0.0	0.0%
32.1%	72.3	72.3	0.0	0.0%
33.3%	72.3	72.2	-0.1	-0.1%
34.6%	72.2	72.2	0.0	0.0%
35.8%	72.2	72.1	-0.1	-0.1%
37.0%	72.1	72.1	0.0	0.0%
38.3%	72.1	72.1	0.0	0.0%
39.5%	72.1	72.1	0.0	0.0%
40.7%	72.0	72.1	0.1	0.1%
42.0%	72.0	72.0	0.0	0.0%
43.2%	71.9	72.0	0.1	0.1%
44.4%	71.9	71.9	0.0	0.0%
45.7%	71.7	71.9	0.2	0.3%
46.9%	71.7	71.7	0.0	0.0%
48.1%	71.7	71.6	-0.1	-0.1%
49.4%	71.6	71.6	0.0	0.0%
50.6%	71.5	71.6	0.1	0.1%
51.9%	71.4	71.5	0.1	0.1%
53.1%	71.3	71.5	0.2	0.3%
54.3%	71.3	71.3	0.0	0.0%
55.6%	71.1	71.2	0.1	0.1%
56.8%	71.1	71.2	0.1	0.1%
58.0%	71.0	71.0	0.0	0.0%
59.3%	71.0	70.9	-0.1	-0.1%
60.5%	70.9	70.9	0.0	0.0%
61.7%	70.8	70.8	0.0	0.0%
63.0%	70.8	70.7	-0.1	-0.1%
64.2%	70.7	70.7	0.0	0.0%
65.4%	70.6	70.6	0.0	0.0%
66.7%	70.6	70.5	-0.1	-0.1%
67.9%	70.3	70.3	0.0	0.0%
69.1%	70.1	70.1	0.0	0.0%
70.4%	70.1	70.0	-0.1	-0.1%
71.6%	70.1	70.0	-0.1	-0.1%
72.8%	70.0	69.9	-0.1	-0.1%
74.1%	70.0	69.9	-0.1	-0.1%
75.3%	69.6	69.7	0.1	0.1%
76.5%	69.6	69.6	0.0	0.0%
77.8%	69.5	69.5	0.0	0.0%
79.0%	69.5	69.4	-0.1	-0.1%
80.2%	69.4	69.2	-0.2	-0.3%
81.5%	69.4	69.2	-0.2	-0.3%
82.7%	69.2	69.0	-0.2	-0.3%
84.0%	69.0	69.0	0.0	0.0%
85.2%	69.0	68.9	-0.1	-0.1%
86.4%	69.0	68.8	-0.2	-0.3%
87.7%	68.9	68.8	-0.1	-0.1%
88.9%	68.5	68.5	0.0	0.0%
90.1%	68.4	68.2	-0.2	-0.3%
91.4%	67.8	67.8	0.0	0.0%
92.6%	67.4	67.4	0.0	0.0%
93.8%	67.4	67.4	0.0	0.0%
95.1%	67.4	67.2	-0.2	-0.3%
96.3%	67.0	66.8	-0.2	-0.3%
97.5%	65.8	65.8	0.0	0.0%
98.8%	65.7	65.7	0.0	0.0%
100.0%	65.7	65.7	0.0	0.0%

July				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	77.4	77.8	0.4	0.5%
1.2%	77.0	77.7	0.7	0.9%
2.5%	76.4	76.4	0.0	0.0%
3.7%	76.4	76.3	-0.1	-0.1%
4.9%	76.3	76.1	-0.2	-0.3%
6.2%	76.3	75.9	-0.4	-0.5%
7.4%	76.1	75.3	-0.8	-1.1%
8.6%	75.5	75.2	-0.3	-0.4%
9.9%	75.3	75.1	-0.2	-0.3%
11.1%	75.1	75.1	0.0	0.0%
12.3%	75.1	75.0	-0.1	-0.1%
13.6%	75.0	75.0	0.0	0.0%
14.8%	74.8	74.9	0.1	0.1%
16.0%	74.8	74.8	0.0	0.0%
17.3%	74.6	74.7	0.1	0.1%
18.5%	74.6	74.7	0.1	0.1%
19.8%	74.5	74.2	-0.3	-0.4%
21.0%	74.3	74.2	-0.1	-0.1%
22.2%	74.1	74.2	0.1	0.1%
23.5%	74.1	74.2	0.1	0.1%
24.7%	74.1	74.1	0.0	0.0%
25.9%	74.0	74.1	0.1	0.1%
27.2%	74.0	74.0	0.0	0.0%
28.4%	73.9	74.0	0.1	0.1%
29.6%	73.9	74.0	0.1	0.1%
30.9%	73.9	73.9	0.0	0.0%
32.1%	73.9	73.9	0.0	0.0%
33.3%	73.9	73.6	-0.3	-0.4%
34.6%	73.6	73.5	-0.1	-0.1%
35.8%	73.6	73.5	-0.1	-0.1%
37.0%	73.5	73.5	0.0	0.0%
38.3%	73.5	73.5	0.0	0.0%
39.5%	73.4	73.4	0.0	0.0%
40.7%	73.4	73.4	0.0	0.0%
42.0%	73.4	73.4	0.0	0.0%
43.2%	73.3	73.3	0.0	0.0%
44.4%	73.3	73.3	0.0	0.0%
45.7%	73.3	73.3	0.0	0.0%
46.9%	73.2	73.2	0.0	0.0%
48.1%	73.2	73.2	0.0	0.0%
49.4%	73.1	73.2	0.1	0.1%
50.6%	73.0	73.2	0.2	0.3%
51.9%	73.0	73.1	0.1	0.1%
53.1%	73.0	73.0	0.0	0.0%
54.3%	73.0	73.0	0.0	0.0%
55.6%	72.8	72.8	0.0	0.0%
56.8%	72.7	72.7	0.0	0.0%
58.0%	72.7	72.7	0.0	0.0%
59.3%	72.6	72.7	0.1	0.1%
60.5%	72.6	72.7	0.1	0.1%
61.7%	72.6	72.6	0.0	0.0%
63.0%	72.6	72.6	0.0	0.0%
64.2%	72.6	72.6	0.0	0.0%
65.4%	72.6	72.5	-0.1	-0.1%
66.7%	72.5	72.5	0.0	0.0%
67.9%	72.3	72.3	0.0	0.0%
69.1%	72.2	72.3	0.1	0.1%
70.4%	72.2	72.2	0.0	0.0%
71.6%	72.1	72.1	0.0	0.0%
72.8%	72.0	72.0	0.0	0.0%
74.1%	72.0	72.0	0.0	0.0%
75.3%	71.9	72.0	0.1	0.1%
76.5%	71.9	71.9	0.0	0.0%
77.8%	71.9	71.9	0.0	0.0%
79.0%	71.9	71.9	0.0	0.0%
80.2%	71.9	71.9	0.0	0.0%
81.5%	71.8	71.8	0.0	0.0%
82.7%	71.7	71.8	0.1	0.1%
84.0%	71.7	71.7	0.0	0.0%
85.2%	71.6	71.7	0.1	0.1%
86.4%	71.5	71.6	0.1	0.1%
87.7%	71.1	71.5	0.4	0.6%
88.9%	71.0	71.1	0.1	0.1%
90.1%	70.9	71.0	0.1	0.1%
91.4%	70.9	70.9	0.0	0.0%
92.6%	70.9	70.9	0.0	0.0%
93.8%	70.7	70.7	0.0	0.0%
95.1%	70.7	70.5	-0.2	-0.3%
96.3%	70.5	70.5	0.0	0.0%
97.5%	70.5	70.4	-0.1	-0.1%
98.8%	70.4	70.2	-0.2	-0.3%
100.0%	70.4	70.2	-0.2	-0.3%

August				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	78.2	78.6	0.4	0.5%
1.2%	77.0	77.0	0.0	0.0%
2.5%	77.0	76.9	-0.1	-0.1%
3.7%	76.7	76.7	0.0	0.0%
4.9%	76.3	76.4	0.1	0.1%
6.2%	76.0	75.9	-0.1	-0.1%
7.4%	75.9	75.9	0.0	0.0%
8.6%	75.9	75.7	-0.2	-0.3%
9.9%	75.7	75.4	-0.3	-0.4%
11.1%	75.7	75.2	-0.5	-0.7%
12.3%	75.4	75.1	-0.3	-0.4%
13.6%	75.2	75.0	-0.2	-0.3%
14.8%	74.4	75.0	0.6	0.8%
16.0%	74.4	74.7	0.3	0.4%
17.3%	74.3	74.6	0.3	0.4%
18.5%	74.3	74.4	0.1	0.1%
19.8%	74.1	74.4	0.3	0.4%
21.0%	73.9	74.2	0.3	0.4%
22.2%	73.8	74.1	0.3	0.4%
23.5%	73.7	74.0	0.3	0.4%
24.7%	73.6	74.0	0.4	0.5%
25.9%	73.6	73.8	0.2	0.3%
27.2%	73.5	73.7	0.2	0.3%
28.4%	73.5	73.6	0.1	0.1%
29.6%	73.5	73.6	0.1	0.1%
30.9%	73.4	73.4	0.0	0.0%
32.1%	73.3	73.4	0.1	0.1%
33.3%	73.2	73.3	0.1	0.1%
34.6%	73.2	73.1	-0.1	-0.1%
35.8%	73.1	73.0	-0.1	-0.1%
37.0%	72.9	73.0	0.1	0.1%
38.3%	72.9	73.0	0.1	0.1%
39.5%	72.8	72.9	0.1	0.1%
40.7%	72.8	72.8	0.0	0.0%
42.0%	72.8	72.8	0.0	0.0%
43.2%	72.7	72.6	-0.1	-0.1%
44.4%	72.6	72.4	-0.2	-0.3%
45.7%	72.6	72.3	-0.3	-0.4%
46.9%	72.6	72.3	-0.3	-0.4%
48.1%	72.6	72.2	-0.4	-0.6%
49.4%	72.6	72.2	-0.4	-0.6%
50.6%	72.5	72.1	-0.4	-0.6%
51.9%	72.3	72.1	-0.2	-0.3%
53.1%	72.3	72.0	-0.3	-0.4%
54.3%	72.3	71.9	-0.4	-0.6%
55.6%	72.2	71.8	-0.4	-0.6%
56.8%	71.9	71.8	-0.1	-0.1%
58.0%	71.9	71.8	-0.1	-0.1%
59.3%	71.8	71.8	0.0	0.0%
60.5%	71.7	71.6	-0.1	-0.1%
61.7%	71.6	71.6	0.0	0.0%
63.0%	71.6	71.5	-0.1	-0.1%
64.2%	71.6	71.5	-0.1	-0.1%
65.4%	71.5	71.5	0.0	0.0%
66.7%	71.3	71.3	0.0	0.0%
67.9%	71.3	71.3	0.0	0.0%
69.1%	71.3	71.3	0.0	0.0%
70.4%	71.2	71.3	0.1	0.1%
71.6%	71.2	71.1	-0.1	-0.1%
72.8%	71.1	71.0	-0.1	-0.1%
74.1%	71.0	70.9	-0.1	-0.1%
75.3%	71.0	70.9	-0.1	-0.1%
76.5%	70.8	70.8	0.0	0.0%
77.8%	70.8	70.8	0.0	0.0%
79.0%	70.7	70.6	-0.1	-0.1%
80.2%	70.7	70.6	-0.1	-0.1%
81.5%	70.5	70.5	0.0	0.0%
82.7%	70.5	70.5	0.0	0.0%
84.0%	70.3	70.5	0.2	0.3%
85.2%	70.3	70.4	0.1	0.1%
86.4%	70.3	70.2	-0.1	-0.1%
87.7%	70.1	70.2	0.1	0.1%
88.9%	70.0	70.1	0.1	0.1%
90.1%	70.0	70.0	0.0	0.0%
91.4%	69.9	69.9	0.0	0.0%
92.6%	69.8	69.9	0.1	0.1%
93.8%	69.6	69.9	0.3	0.4%
95.1%	69.6	69.8	0.2	0.3%
96.3%	69.5	69.3	-0.2	-0.3%
97.5%	69.3	69.2	-0.1	-0.1%
98.8%	69.0	69.0	0.0	0.0%
100.0%	69.0	69.0	0.0	0.0%

September				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.9	74.0	0.1	0.1%
1.2%	73.1	73.1	0.0	0.0%
2.5%	72.9	73.0	0.1	0.1%
3.7%	72.4	72.2	-0.2	-0.3%
4.9%	72.2	72.1	-0.1	-0.1%
6.2%	72.1	72.0	-0.1	-0.1%
7.4%	71.9	71.8	-0.1	-0.1%
8.6%	71.9	71.8	-0.1	-0.1%
9.9%	71.9	71.7	-0.2	-0.3%
11.1%	71.9	71.6	-0.3	-0.4%
12.3%	71.7	71.6	-0.1	-0.1%
13.6%	71.7	71.3	-0.4	-0.6%
14.8%	71.5	71.2	-0.3	-0.4%
16.0%	71.3	70.9	-0.4	-0.6%
17.3%	71.2	70.9	-0.3	-0.4%
18.5%	71.1	70.9	-0.2	-0.3%
19.8%	71.0	70.8	-0.2	-0.3%
21.0%	70.8	70.5	-0.3	-0.4%
22.2%	70.8	70.4	-0.4	-0.6%
23.5%	70.6	70.3	-0.3	-0.4%
24.7%	70.5	70.2	-0.3	-0.4%
25.9%	70.4	70.2	-0.2	-0.3%
27.2%	70.2	70.2	0.0	0.0%
28.4%	70.2	70.0	-0.2	-0.3%
29.6%	70.1	69.8	-0.3	-0.4%
30.9%	70.1	69.7	-0.4	-0.6%
32.1%	69.9	69.6	-0.3	-0.4%
33.3%	69.8	69.5	-0.3	-0.4%
34.6%	69.7	69.5	-0.2	-0.3%
35.8%	69.6	69.4	-0.2	-0.3%
37.0%	69.6	69.3	-0.3	-0.4%
38.3%	69.5	68.8	-0.7	-1.0%
39.5%	69.4	68.8	-0.6	-0.9%
40.7%	69.2	68.8	-0.4	-0.6%
42.0%	69.1	68.8	-0.3	-0.4%
43.2%	69.0	68.7	-0.3	-0.4%
44.4%	69.0	68.7	-0.3	-0.4%
45.7%	68.9	68.4	-0.5	-0.7%
46.9%	68.9	68.4	-0.5	-0.7%
48.1%	68.8	68.3	-0.5	-0.7%
49.4%	68.4	68.3	-0.1	-0.1%
50.6%	68.3	68.2	-0.1	-0.1%
51.9%	68.3	67.8	-0.5	-0.7%
53.1%	68.3	67.7	-0.6	-0.9%
54.3%	68.2	67.7	-0.5	-0.7%
55.6%	68.0	67.6	-0.4	-0.6%
56.8%	67.9	67.6	-0.3	-0.4%
58.0%	67.8	67.5	-0.3	-0.4%
59.3%	67.8	67.5	-0.3	-0.4%
60.5%	67.7	67.5	-0.2	-0.3%
61.7%	67.7	67.4	-0.3	-0.4%
63.0%	67.7	67.4	-0.3	-0.4%
64.2%	67.2	67.3	0.1	0.1%
65.4%	67.2	67.2	0.0	0.0%
66.7%	67.2	67.2	0.0	0.0%
67.9%	67.2	67.2	0.0	0.0%
69.1%	67.2	66.9	-0.3	-0.4%
70.4%	67.1	66.9	-0.2	-0.3%
71.6%	67.1	66.8	-0.3	-0.4%
72.8%	66.9	66.7	-0.2	-0.3%
74.1%	66.9	66.7	-0.2	-0.3%
75.3%	66.7	66.7	0.0	0.0%
76.5%	66.7	66.4	-0.3	-0.4%
77.8%	66.7	66.4	-0.3	-0.4%
79.0%	66.6	66.2	-0.4	-0.6%
80.2%	66.5	66.1	-0.4	-0.6%
81.5%	66.4	66.1	-0.3	-0.5%
82.7%	66.1	66.1	0.0	0.0%
84.0%	66.0	66.0	0.0	0.0%
85.2%	66.0	66.0	0.0	0.0%
86.4%	65.9	66.0	0.1	0.2%
87.7%	65.6	65.9	0.3	0.5%
88.9%	65.5	65.8	0.3	0.5%
90.1%	65.5	65.8	0.3	0.5%
91.4%	65.4	65.5	0.1	0.2%
92.6%	65.2	65.4	0.2	0.3%
93.8%	64.9	65.0	0.1	0.2%
95.1%	63.8	63.8	0.0	0.0%
96.3%	63.4	63.4	0.0	0.0%
97.5%	63.1	63.1	0.0	0.0%
98.8%	63.0	62.9	-0.1	-0.2%
100.0%	63.0	62.9	-0.1	-0.2%

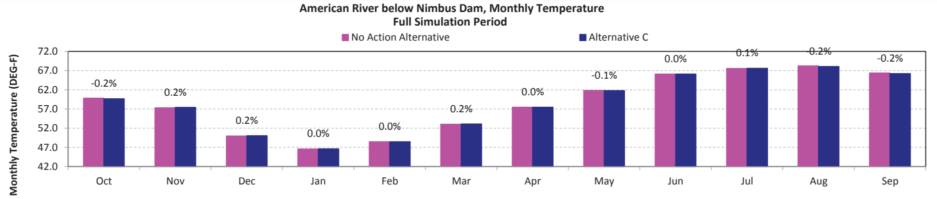
Table SQ-18-7a
American River below Nimbus Dam, Monthly Temperature
Long-term Average and Average by Water Year Type

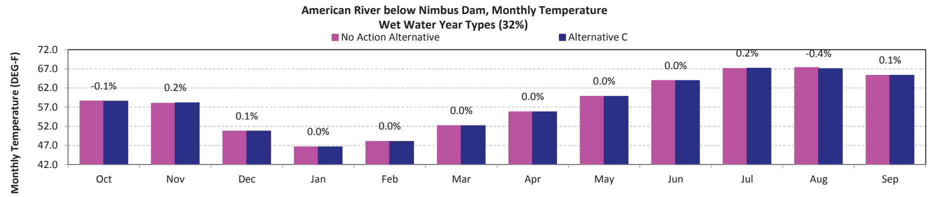
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	59.8	57.3	50.0	46.6	48.5	53.0	57.5	61.8	66.1	67.5	68.2	66.4
Alternative C	59.7	57.4	50.1	46.6	48.5	53.1	57.4	61.8	66.1	67.6	68.1	66.2
Difference	-0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.1	-0.1	-0.1
Percent Difference[3]	-0.2%	0.2%	0.2%	0.0%	0.0%	0.2%	0.0%	-0.1%	0.0%	0.1%	-0.2%	-0.2%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	58.6	58.0	50.7	46.6	48.0	52.1	55.8	59.8	63.9	67.0	67.3	65.2
Alternative C	58.6	58.1	50.7	46.6	48.0	52.1	55.7	59.8	63.9	67.2	67.0	65.3
Difference	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.3	0.1
Percent Difference	-0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.4%	0.1%
Above Normal (15%)												
No Action Alternative	58.3	56.8	49.8	46.7	48.2	52.8	57.1	61.1	65.6	66.6	67.8	65.7
Alternative C	58.0	56.9	49.9	46.7	48.2	52.9	57.1	61.1	65.7	66.6	67.8	65.8
Difference	-0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0	0.1
Percent Difference	-0.5%	0.1%	0.2%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	-0.1%	0.0%	0.2%
Below Normal (17%)												
No Action Alternative	58.1	57.0	50.1	46.2	47.4	52.9	57.5	61.1	65.7	66.3	68.3	66.6
Alternative C	58.0	57.1	50.2	46.2	47.4	53.0	57.5	61.1	65.6	66.9	68.3	66.1
Difference	-0.1	0.0	0.1	0.0	-0.1	0.2	-0.1	-0.1	-0.1	0.6	-0.1	-0.5
Percent Difference	-0.2%	0.1%	0.1%	0.0%	-0.1%	0.3%	-0.1%	-0.2%	-0.1%	0.9%	-0.1%	-0.8%
Dry (22%)												
No Action Alternative	60.5	57.2	49.7	46.5	48.8	53.3	58.5	63.9	67.9	67.5	68.2	66.8
Alternative C	60.1	57.3	49.9	46.5	48.7	53.4	58.6	63.7	67.9	67.5	68.4	66.9
Difference	-0.4	0.1	0.2	0.0	-0.1	0.1	0.1	-0.2	0.0	0.0	0.2	0.0
Percent Difference	-0.6%	0.2%	0.4%	0.0%	-0.3%	0.1%	0.2%	-0.3%	0.0%	0.1%	0.3%	0.0%
Critical (15%)												
No Action Alternative	64.8	56.8	48.7	46.9	50.2	54.7	59.6	64.3	68.9	71.1	70.4	68.3
Alternative C	64.9	57.1	48.9	47.0	50.5	54.9	59.5	64.4	68.9	70.6	69.9	67.8
Difference	0.1	0.3	0.2	0.1	0.2	0.2	-0.1	0.1	0.0	-0.5	-0.5	-0.5
Percent Difference	0.2%	0.5%	0.4%	0.2%	0.4%	0.4%	-0.2%	0.2%	0.0%	-0.7%	-0.8%	-0.8%

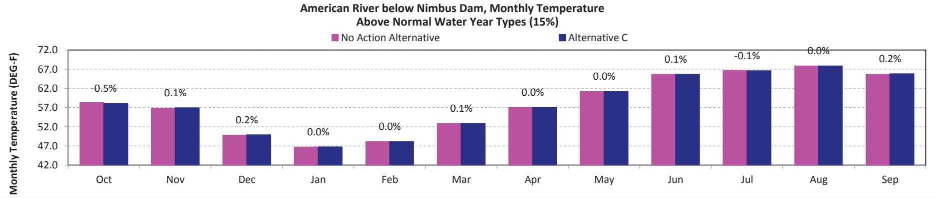
1 Based on the 82-year simulation period

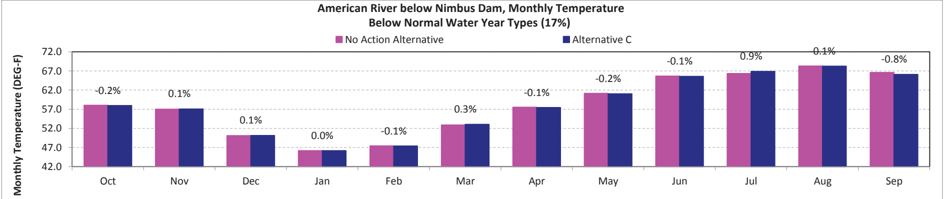
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

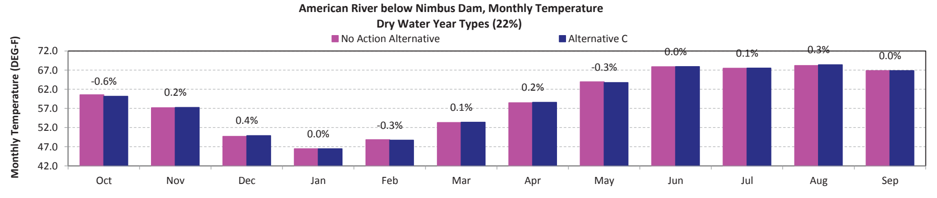
3 Relative difference of the monthly average


American River below Nimbus Dam, Monthly Temperature
Full Simulation Period


American River below Nimbus Dam, Monthly Temperature
Wet Water Year Types (32%)


American River below Nimbus Dam, Monthly Temperature
Above Normal Water Year Types (15%)


American River below Nimbus Dam, Monthly Temperature
Below Normal Water Year Types (17%)


American River below Nimbus Dam, Monthly Temperature
Dry Water Year Types (22%)

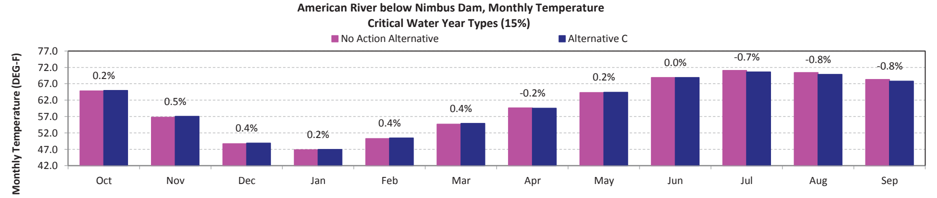
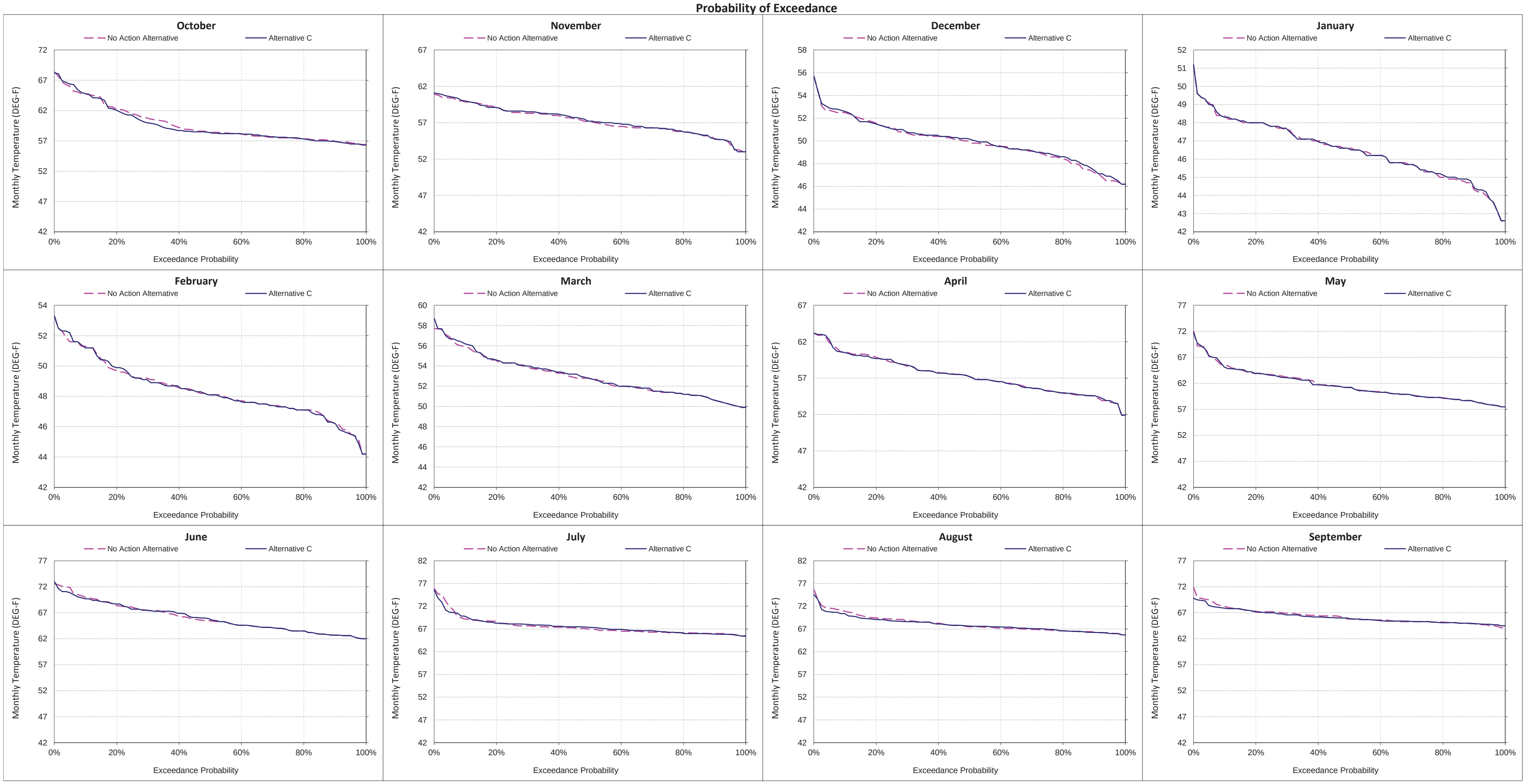

American River below Nimbus Dam, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-18-7b
American River below Nimbus Dam, Monthly Temperature
Probability of Exceedance



October, November, December, January, February, March, April, May, June, July, August, September

Table SQ-18-7b

American River below Nimbus Dam, Monthly Temperature
Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	68.4	68.2	-0.2	-0.3%
1.2%	67.7	68.1	0.4	0.6%
2.5%	66.7	66.9	0.2	0.3%
3.7%	66.3	66.7	0.4	0.6%
4.9%	66.0	66.4	0.4	0.6%
6.2%	65.2	66.3	1.1	1.7%
7.4%	65.1	65.5	0.4	0.6%
8.6%	64.8	65.0	0.2	0.3%
9.9%	64.8	64.8	0.0	0.0%
11.1%	64.6	64.7	0.1	0.2%
12.3%	64.5	64.1	-0.4	-0.6%
13.6%	64.4	64.1	-0.3	-0.5%
14.8%	64.2	64.0	-0.2	-0.3%
16.0%	62.9	63.7	0.8	1.3%
17.3%	62.7	62.4	-0.3	-0.5%
18.5%	62.6	62.3	-0.3	-0.5%
19.8%	62.3	62.1	-0.2	-0.3%
21.0%	62.2	61.8	-0.4	-0.6%
22.2%	62.1	61.5	-0.6	-1.0%
23.5%	61.8	61.3	-0.5	-0.8%
24.7%	61.4	61.3	-0.1	-0.2%
25.9%	61.4	60.9	-0.5	-0.8%
27.2%	61.1	60.5	-0.6	-1.0%
28.4%	60.9	60.2	-0.7	-1.1%
29.6%	60.8	60.0	-0.8	-1.3%
30.9%	60.6	59.9	-0.7	-1.2%
32.1%	60.5	59.8	-0.7	-1.2%
33.3%	60.4	59.6	-0.8	-1.3%
34.6%	60.3	59.3	-1.0	-1.7%
35.8%	60.2	59.1	-1.1	-1.8%
37.0%	59.8	59.0	-0.8	-1.3%
38.3%	59.5	58.9	-0.6	-1.0%
39.5%	59.3	58.7	-0.6	-1.0%
40.7%	59.1	58.7	-0.4	-0.7%
42.0%	58.9	58.6	-0.3	-0.5%
43.2%	58.9	58.6	-0.3	-0.5%
44.4%	58.8	58.5	-0.3	-0.5%
45.7%	58.6	58.5	-0.1	-0.2%
46.9%	58.6	58.5	-0.1	-0.2%
48.1%	58.6	58.5	-0.1	-0.2%
49.4%	58.4	58.4	0.0	0.0%
50.6%	58.4	58.3	-0.1	-0.2%
51.9%	58.4	58.3	-0.1	-0.2%
53.1%	58.4	58.2	-0.2	-0.3%
54.3%	58.3	58.2	-0.1	-0.2%
55.6%	58.3	58.2	-0.1	-0.2%
56.8%	58.2	58.2	0.0	0.0%
58.0%	58.2	58.2	0.0	0.0%
59.3%	58.2	58.2	0.0	0.0%
60.5%	58.1	58.1	0.0	0.0%
61.7%	58.0	58.1	0.1	0.2%
63.0%	57.9	58.1	0.2	0.3%
64.2%	57.8	58.0	0.2	0.3%
65.4%	57.8	58.0	0.2	0.3%
66.7%	57.7	57.8	0.1	0.2%
67.9%	57.7	57.8	0.1	0.2%
69.1%	57.6	57.7	0.1	0.2%
70.4%	57.6	57.7	0.1	0.2%
71.6%	57.5	57.6	0.1	0.2%
72.8%	57.5	57.6	0.1	0.2%
74.1%	57.5	57.6	0.1	0.2%
75.3%	57.5	57.5	0.0	0.0%
76.5%	57.5	57.5	0.0	0.0%
77.8%	57.4	57.5	0.1	0.2%
79.0%	57.4	57.4	0.0	0.0%
80.2%	57.4	57.3	-0.1	-0.2%
81.5%	57.3	57.2	-0.1	-0.2%
82.7%	57.2	57.1	-0.1	-0.2%
84.0%	57.2	57.0	-0.2	-0.3%
85.2%	57.2	57.0	-0.2	-0.3%
86.4%	57.2	57.0	-0.2	-0.3%
87.7%	57.1	57.0	-0.1	-0.2%
88.9%	57.1	56.9	-0.2	-0.4%
90.1%	56.9	56.9	0.0	0.0%
91.4%	56.8	56.8	0.0	0.0%
92.6%	56.8	56.7	-0.1	-0.2%
93.8%	56.8	56.6	-0.2	-0.4%
95.1%	56.7	56.5	-0.2	-0.4%
96.3%	56.6	56.5	-0.1	-0.2%
97.5%	56.5	56.5	0.0	0.0%
98.8%	56.4	56.3	-0.1	-0.2%
100.0%	56.4	56.3	-0.1	-0.2%

November				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	60.9	61.1	0.2	0.3%
1.2%	60.8	61.0	0.2	0.3%
2.5%	60.5	60.9	0.4	0.7%
3.7%	60.5	60.7	0.2	0.3%
4.9%	60.4	60.6	0.2	0.3%
6.2%	60.4	60.5	0.1	0.2%
7.4%	60.0	60.4	0.4	0.7%
8.6%	60.0	60.1	0.1	0.2%
9.9%	59.9	60.0	0.1	0.2%
11.1%	59.8	59.9	0.1	0.2%
12.3%	59.8	59.8	0.0	0.0%
13.6%	59.7	59.7	0.0	0.0%
14.8%	59.6	59.4	-0.2	-0.3%
16.0%	59.6	59.4	-0.2	-0.3%
17.3%	59.3	59.1	-0.2	-0.3%
18.5%	59.3	59.1	-0.2	-0.3%
19.8%	59.1	59.1	0.0	0.0%
21.0%	59.0	59.0	0.0	0.0%
22.2%	58.7	58.7	0.0	0.0%
23.5%	58.6	58.6	0.0	0.0%
24.7%	58.4	58.6	0.2	0.3%
25.9%	58.4	58.6	0.2	0.3%
27.2%	58.4	58.6	0.2	0.3%
28.4%	58.3	58.6	0.3	0.5%
29.6%	58.3	58.5	0.2	0.3%
30.9%	58.3	58.5	0.2	0.3%
32.1%	58.3	58.5	0.2	0.3%
33.3%	58.3	58.4	0.1	0.2%
34.6%	58.2	58.3	0.1	0.2%
35.8%	58.2	58.3	0.1	0.2%
37.0%	58.1	58.2	0.1	0.2%
38.3%	58.0	58.2	0.2	0.3%
39.5%	58.0	58.2	0.2	0.3%
40.7%	57.9	58.1	0.2	0.3%
42.0%	57.7	58.0	0.3	0.5%
43.2%	57.7	57.9	0.2	0.3%
44.4%	57.6	57.7	0.1	0.2%
45.7%	57.5	57.7	0.2	0.3%
46.9%	57.4	57.6	0.2	0.3%
48.1%	57.2	57.5	0.3	0.5%
49.4%	57.2	57.2	0.0	0.0%
50.6%	57.1	57.2	0.1	0.2%
51.9%	57.0	57.1	0.1	0.2%
53.1%	56.9	57.1	0.2	0.4%
54.3%	56.8	57.0	0.2	0.4%
55.6%	56.7	57.0	0.3	0.5%
56.8%	56.6	57.0	0.4	0.7%
58.0%	56.5	56.9	0.4	0.7%
59.3%	56.5	56.9	0.4	0.7%
60.5%	56.5	56.8	0.3	0.5%
61.7%	56.4	56.8	0.4	0.7%
63.0%	56.4	56.7	0.3	0.5%
64.2%	56.3	56.5	0.2	0.4%
65.4%	56.3	56.5	0.2	0.4%
66.7%	56.3	56.5	0.2	0.4%
67.9%	56.3	56.3	0.0	0.0%
69.1%	56.3	56.3	0.0	0.0%
70.4%	56.3	56.3	0.0	0.0%
71.6%	56.2	56.3	0.1	0.2%
72.8%	56.2	56.2	0.0	0.0%
74.1%	56.2	56.2	0.0	0.0%
75.3%	56.0	56.1	0.1	0.2%
76.5%	55.9	56.1	0.2	0.4%
77.8%	55.8	55.9	0.1	0.2%
79.0%	55.8	55.9	0.1	0.2%
80.2%	55.7	55.7	0.0	0.0%
81.5%	55.7	55.7	0.0	0.0%
82.7%	55.6	55.6	0.0	0.0%
84.0%	55.4	55.5	0.1	0.2%
85.2%	55.4	55.4	0.0	0.0%
86.4%	55.2	55.3	0.1	0.2%
87.7%	55.2	55.3	0.1	0.2%
88.9%	55.1	54.9	-0.2	-0.4%
90.1%	54.7	54.8	0.1	0.2%
91.4%	54.7	54.7	0.0	0.0%
92.6%	54.6	54.7	0.1	0.2%
93.8%	54.6	54.5	-0.1	-0.2%
95.1%	54.0	54.4	0.4	0.7%
96.3%	53.3	53.4	0.1	0.2%
97.5%	53.3	53.0	-0.3	-0.6%
98.8%	53.1	53.0	-0.1	-0.2%
100.0%	53.1	53.0	-0.1	-0.2%

December				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	55.7	55.7	0.0	0.0%
1.2%	54.5	54.4	-0.1	-0.2%
2.5%	53.1	53.3	0.2	0.4%
3.7%	52.7	53.1	0.4	0.8%
4.9%	52.7	52.9	0.2	0.4%
6.2%	52.6	52.8	0.2	0.4%
7.4%	52.5	52.8	0.3	0.6%
8.6%	52.5	52.7	0.2	0.4%
9.9%	52.5	52.6	0.1	0.2%
11.1%	52.4	52.5	0.1	0.2%
12.3%	52.3	52.3	0.0	0.0%
13.6%	52.1	52.0	-0.1	-0.2%
14.8%	52.0	51.7	-0.3	-0.6%
16.0%	51.9	51.7	-0.2	-0.4%
17.3%	51.8	51.7	-0.1	-0.2%
18.5%	51.7	51.6	-0.1	-0.2%
19.8%	51.6	51.5	-0.1	-0.2%
21.0%	51.4	51.4	0.0	0.0%
22.2%	51.3	51.3	0.0	0.0%
23.5%	51.2	51.2	0.0	0.0%
24.7%	51.2	51.1	-0.1	-0.2%
25.9%	51.1	51.0	-0.1	-0.2%
27.2%	50.8	51.0	0.2	0.4%
28.4%	50.8	51.0	0.2	0.4%
29.6%	50.7	50.8	0.1	0.2%
30.9%	50.6	50.7	0.1	0.2%
32.1%	50.5	50.7	0.2	0.4%
33.3%	50.5	50.6	0.1	0.2%
34.6%	50.5	50.6	0.1	0.2%
35.8%	50.5	50.5	0.0	0.0%
37.0%	50.4	50.5	0.1	0.2%
38.3%	50.4	50.5	0.1	0.2%
39.5%	50.4	50.5	0.1	0.2%
40.7%	50.4	50.4	0.0	0.0%
42.0%	50.3	50.4	0.1	0.2%
43.2%	50.3	50.4	0.1	0.2%
44.4%	50.2	50.3	0.1	0.2%
45.7%	50.1	50.3	0.2	0.4%
46.9%	50.1	50.2	0.1	0.2%
48.1%	50.0	50.2	0.2	0.4%
49.4%	50.0	50.2	0.2	0.4%
50.6%	49.8	50.1	0.3	0.6%
51.9%	49.8	50.0	0.2	0.4%
53.1%	49.8	49.9	0.1	0.2%
54.3%	49.7	49.9	0.2	0.4%
55.6%	49.6	49.9	0.3	0.6%
56.8%	49.6	49.7	0.1	0.2%
58.0%	49.6	49.6	0.0	0.0%
59.3%	49.6	49.5	-0.1	-0.2%
60.5%	49.5	49.5	0.0	0.0%
61.7%	49.5	49.4	-0.1	-0.2%
63.0%	49.4	49.3	-0.1	-0.2%
64.2%	49.3	49.3	0.0	0.0%
65.4%	49.3	49.3	0.0	0.0%
66.7%	49.2	49.2	0.0	0.0%
67.9%	49.2	49.2	0.0	0.0%
69.1%	49.1	49.2	0.1	0.2%
70.4%	49.1	49.1	0.0	0.0%
71.6%	49.1	49.0	-0.1	-0.2%
72.8%	48.9	49.0	0.1	0.2%
74.1%	48.8	48.9	0.1	0.2%
75.3%	48.6	48.9	0.3	0.6%
76.5%	48.6	48.8	0.2	0.4%
77.8%	48.6	48.7	0.1	0.2%
79.0%	48.5	48.6	0.1	0.2%
80.2%	48.4	48.6	0.2	0.4%
81.5%	48.3	48.5	0.2	0.4%
82.7%	48.0	48.3	0.3	0.6%
84.0%	48.0	48.3	0.3	0.6%
85.2%	47.9	48.1	0.2	0.4%
86.4%	47.5	47.9	0.4	0.8%
87.7%	47.5	47.8	0.3	0.6%
88.9%	47.4	47.6	0.2	0.4%
90.1%	47.2	47.4	0.2	0.4%
91.4%	47.1	47.1	0.0	0.0%
92.6%	46.8	47.1	0.3	0.6%
93.8%	46.5	46.9	0.4	0.9%
95.1%	46.5	46.9	0.4	0.9%
96.3%	46.5	46.7	0.2	0.4%
97.5%	46.4	46.5	0.1	0.2%
98.8%	46.2	46.2	0.0	0.0%
100.0%	46.2	46.2	0.0	0.0%

January				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	51.2	51.2	0.0	0.0%
1.2%	49.6	49.6	0.0	0.0%
2.5%	49.4	49.4	0.0	0.0%
3.7%	49.2	49.3	0.1	0.2%
4.9%	49.1	49.0	-0.1	-0.2%
6.2%	48.9	49.0	0.1	0.2%
7.4%	48.4	48.6	0.2	0.4%
8.6%	48.4	48.4	0.0	0.0%
9.9%	48.4	48.3	-0.1	-0.2%
11.1%	48.2	48.3	0.1	0.2%
12.3%	48.2	48.2	0.0	0.0%
13.6%	48.2	48.2	0.0	0.0%
14.8%	48.1	48.1	0.0	0.0%
16.0%	48.0	48.1	0.1	0.2%
17.3%	48.0	48.0	0.0	0.0%
18.5%	48.0	48.0	0.0	0.0%
19.8%	48.0	48.0	0.0	0.0%
21.0%	48.0	48.0	0.0	0.0%
22.2%	48.0	48.0	0.0	0.0%
23.5%	47.9	47.9	0.0	0.0%
24.7%	47.8	47.8	0.0	0.0%
25.9%	47.8	47.8	0.0	0.0%
27.2%	47.7	47.8	0.1	0.2%
28.4%	47.7	47.7	0.0	0.0%
29.6%	47.6	47.7	0.1	0.2%
30.9%	47.6	47.5	-0.1	-0.2%
32.1%	47.3	47.3	0.0	0.0%
33.3%	47.3	47.1	-0.2	-0.4%
34.6%	47.1	47.1	0.0	0.0%
35.8%	47.1	47.1	0.0	0.0%
37.0%	47.1	47.1	0.0	0.0%
38.3%	47.0	47.1	0.1	0.2%
39.5%	47.0	47.0	0.0	0.0%
40.7%	47.0	46.9	-0.1	-0.2%
42.0%	46.8	46.9	0.1	0.2%
43.2%	46.8	46.8	0.0	0.0%
44.4%	46.7	46.7	0.0	0.0%
45.7%	46.7	46.7	0.0	0.0%
46.9%	46.7	46.6	-0.1	-0.2%
48.1%	46.6	46.6	0.0	0.0%
49.4%	46.6	46.6	0.0	0.0%
50.6%	46.6	46.5	-0.1	-0.2%
51.9%	46.5	46.5	0.0	0.0%
53.1%	46.5	46.5	0.0	0.0%
54.3%	46.4	46.4	0.0	0.0%
55.6%	46.4	46.2	-0.2	-0.4%
56.8%	46.3	46.2	-0.1	-0.2%
58.0%	46.2	46.2	0.0	0.0%
59.3%	46.2	46.2	0.0	0.0%
60.5%	46.2	46.2	0.0	0.0%
61.7%	46.1	46.1	0.0	0.0%
63.0%	45.8	45.8	0.0	0.0%
64.2%	45.8	45.8	0.0	0.0%
65.4%	45.8	45.8	0.0	0.0%
66.7%	45.8	45.8	0.0	0.0%
67.9%	45.8	45.7	-0.1	-0.2%
69.1%	45.7	45.7	0.0	0.0%
70.4%	45.7	45.7	0.0	0.0%
71.6%	45.6	45.6	0.0	0.0%
72.8%	45.4	45.4	0.0	0.0%
74.1%	45.3	45.4	0.1	0.2%
75.3%	45.3	45.3	0.0	0.0%
76.5%	45.3	45.3	0.0	0.0%
77.8%	45.2	45.2	0.0	0.0%
79.0%	45.0	45.2	0.2	0.4%
80.2%	45.0	45.1	0.1	0.2%
81.5%	44.9	45.0	0.1	0.2%
82.7%	44.9	45.0	0.1	0.2%
84.0%	44.9	45.0	0.1	0.2%
85.2%	44.8	44.9	0.1	0.2%
86.4%	44.8	44.9	0.1	0.2%
87.7%	44.7	44.9	0.2	0.4%
88.9%	44.7	44.8	0.1	0.2%
90.1%	44.3	44.4	0.1	0.2%
91.4%	44.2	44.3	0.1	0.2%
92.6%	44.2	44.3	0.1	0.2%
93.8%	44.0	44.2	0.2	0.5%
95.1%	43.8	43.8	0.0	0.0%
96.3%	43.6	43.6	0.0	0.0%
97.5%	43.1	43.1	0.0	0.0%
98.8%	42.6	42.6	0.0	0.0%
100.0%	42.6	42.6	0.0	0.0%

Table SQ-18-7b

American River below Nimbus Dam, Monthly Temperature
Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.3	53.3	0.0	0.0%
1.2%	52.5	52.5	0.0	0.0%
2.5%	52.3	52.3	0.0	0.0%
3.7%	51.9	52.3	0.4	0.8%
4.9%	51.6	52.2	0.6	1.2%
6.2%	51.6	51.6	0.0	0.0%
7.4%	51.6	51.6	0.0	0.0%
8.6%	51.3	51.4	0.1	0.2%
9.9%	51.3	51.2	-0.1	-0.2%
11.1%	51.2	51.2	0.0	0.0%
12.3%	51.2	51.2	0.0	0.0%
13.6%	50.8	50.7	-0.1	-0.2%
14.8%	50.5	50.4	-0.1	-0.2%
16.0%	50.3	50.4	0.1	0.2%
17.3%	49.9	50.3	0.4	0.8%
18.5%	49.8	50.0	0.2	0.4%
19.8%	49.7	49.9	0.2	0.4%
21.0%	49.6	49.9	0.3	0.6%
22.2%	49.6	49.8	0.2	0.4%
23.5%	49.5	49.6	0.1	0.2%
24.7%	49.4	49.3	-0.1	-0.2%
25.9%	49.2	49.2	0.0	0.0%
27.2%	49.2	49.2	0.0	0.0%
28.4%	49.2	49.1	-0.1	-0.2%
29.6%	49.2	49.1	-0.1	-0.2%
30.9%	49.1	48.9	-0.2	-0.4%
32.1%	49.1	48.9	-0.2	-0.4%
33.3%	48.9	48.9	0.0	0.0%
34.6%	48.9	48.8	-0.1	-0.2%
35.8%	48.8	48.7	-0.1	-0.2%
37.0%	48.8	48.7	-0.1	-0.2%
38.3%	48.7	48.7	0.0	0.0%
39.5%	48.6	48.7	0.1	0.2%
40.7%	48.5	48.5	0.0	0.0%
42.0%	48.5	48.5	0.0	0.0%
43.2%	48.5	48.4	-0.1	-0.2%
44.4%	48.4	48.4	0.0	0.0%
45.7%	48.3	48.3	0.0	0.0%
46.9%	48.2	48.3	0.1	0.2%
48.1%	48.2	48.2	0.0	0.0%
49.4%	48.1	48.1	0.0	0.0%
50.6%	48.1	48.1	0.0	0.0%
51.9%	48.1	48.1	0.0	0.0%
53.1%	48.1	48.0	-0.1	-0.2%
54.3%	48.0	47.9	-0.1	-0.2%
55.6%	47.9	47.9	0.0	0.0%
56.8%	47.8	47.8	0.0	0.0%
58.0%	47.8	47.7	-0.1	-0.2%
59.3%	47.7	47.7	0.0	0.0%
60.5%	47.7	47.6	-0.1	-0.2%
61.7%	47.6	47.6	0.0	0.0%
63.0%	47.6	47.6	0.0	0.0%
64.2%	47.6	47.6	0.0	0.0%
65.4%	47.5	47.5	0.0	0.0%
66.7%	47.5	47.5	0.0	0.0%
67.9%	47.5	47.5	0.0	0.0%
69.1%	47.4	47.4	0.0	0.0%
70.4%	47.4	47.4	0.0	0.0%
71.6%	47.4	47.3	-0.1	-0.2%
72.8%	47.3	47.3	0.0	0.0%
74.1%	47.3	47.3	0.0	0.0%
75.3%	47.2	47.2	0.0	0.0%
76.5%	47.2	47.2	0.0	0.0%
77.8%	47.1	47.1	0.0	0.0%
79.0%	47.1	47.1	0.0	0.0%
80.2%	47.1	47.1	0.0	0.0%
81.5%	47.1	47.1	0.0	0.0%
82.7%	47.1	46.9	-0.2	-0.4%
84.0%	47.0	46.8	-0.2	-0.4%
85.2%	46.9	46.8	-0.1	-0.2%
86.4%	46.7	46.7	0.0	0.0%
87.7%	46.4	46.3	-0.1	-0.2%
88.9%	46.3	46.3	0.0	0.0%
90.1%	46.2	46.2	0.0	0.0%
91.4%	46.1	45.8	-0.3	-0.7%
92.6%	45.8	45.7	-0.1	-0.2%
93.8%	45.8	45.6	-0.2	-0.4%
95.1%	45.5	45.5	0.0	0.0%
96.3%	45.4	45.4	0.0	0.0%
97.5%	45.2	44.9	-0.3	-0.7%
98.8%	44.2	44.2	0.0	0.0%
100.0%	44.2	44.2	0.0	0.0%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	57.7	58.7	1.0	1.7%
1.2%	57.7	57.7	0.0	0.0%
2.5%	57.6	57.7	0.1	0.2%
3.7%	57.1	57.0	-0.1	-0.2%
4.9%	56.9	56.7	-0.2	-0.4%
6.2%	56.4	56.7	0.3	0.5%
7.4%	56.1	56.5	0.4	0.7%
8.6%	56.0	56.4	0.4	0.7%
9.9%	55.9	56.2	0.3	0.5%
11.1%	55.8	56.1	0.3	0.5%
12.3%	55.5	56.0	0.5	0.9%
13.6%	55.3	55.4	0.1	0.2%
14.8%	55.3	55.3	0.0	0.0%
16.0%	54.9	55.0	0.1	0.2%
17.3%	54.9	54.7	-0.2	-0.4%
18.5%	54.6	54.7	0.1	0.2%
19.8%	54.6	54.6	0.0	0.0%
21.0%	54.3	54.5	0.2	0.4%
22.2%	54.3	54.3	0.0	0.0%
23.5%	54.3	54.3	0.0	0.0%
24.7%	54.3	54.3	0.0	0.0%
25.9%	54.2	54.3	0.1	0.2%
27.2%	54.1	54.1	0.0	0.0%
28.4%	54.0	54.1	0.1	0.2%
29.6%	54.0	54.0	0.0	0.0%
30.9%	53.8	54.0	0.2	0.4%
32.1%	53.7	53.8	0.1	0.2%
33.3%	53.7	53.8	0.1	0.2%
34.6%	53.6	53.7	0.1	0.2%
35.8%	53.5	53.7	0.2	0.4%
37.0%	53.5	53.6	0.1	0.2%
38.3%	53.4	53.5	0.1	0.2%
39.5%	53.3	53.4	0.1	0.2%
40.7%	53.3	53.4	0.1	0.2%
42.0%	53.2	53.3	0.1	0.2%
43.2%	53.0	53.2	0.2	0.4%
44.4%	52.9	53.2	0.3	0.6%
45.7%	52.8	53.2	0.4	0.8%
46.9%	52.8	53.0	0.2	0.4%
48.1%	52.8	52.9	0.1	0.2%
49.4%	52.8	52.8	0.0	0.0%
50.6%	52.7	52.7	0.0	0.0%
51.9%	52.7	52.6	-0.1	-0.2%
53.1%	52.5	52.5	0.0	0.0%
54.3%	52.5	52.3	-0.2	-0.4%
55.6%	52.3	52.3	0.0	0.0%
56.8%	52.1	52.3	0.2	0.4%
58.0%	52.0	52.2	0.2	0.4%
59.3%	52.0	52.0	0.0	0.0%
60.5%	52.0	52.0	0.0	0.0%
61.7%	52.0	52.0	0.0	0.0%
63.0%	51.9	52.0	0.1	0.2%
64.2%	51.9	51.9	0.0	0.0%
65.4%	51.8	51.9	0.1	0.2%
66.7%	51.8	51.8	0.0	0.0%
67.9%	51.7	51.8	0.1	0.2%
69.1%	51.6	51.8	0.2	0.4%
70.4%	51.5	51.5	0.0	0.0%
71.6%	51.5	51.5	0.0	0.0%
72.8%	51.4	51.5	0.1	0.2%
74.1%	51.4	51.4	0.0	0.0%
75.3%	51.4	51.4	0.0	0.0%
76.5%	51.4	51.4	0.0	0.0%
77.8%	51.3	51.3	0.0	0.0%
79.0%	51.3	51.3	0.0	0.0%
80.2%	51.2	51.2	0.0	0.0%
81.5%	51.2	51.2	0.0	0.0%
82.7%	51.1	51.1	0.0	0.0%
84.0%	51.1	51.1	0.0	0.0%
85.2%	51.1	51.1	0.0	0.0%
86.4%	51.0	51.0	0.0	0.0%
87.7%	50.9	50.9	0.0	0.0%
88.9%	50.7	50.7	0.0	0.0%
90.1%	50.6	50.6	0.0	0.0%
91.4%	50.5	50.5	0.0	0.0%
92.6%	50.4	50.4	0.0	0.0%
93.8%	50.3	50.3	0.0	0.0%
95.1%	50.2	50.2	0.0	0.0%
96.3%	50.1	50.1	0.0	0.0%
97.5%	50.0	50.0	0.0	0.0%
98.8%	49.9	49.9	0.0	0.0%
100.0%	49.9	49.9	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	63.2	63.2	0.0	0.0%
1.2%	62.9	63.0	0.1	0.2%
2.5%	62.9	63.0	0.1	0.2%
3.7%	62.7	62.9	0.2	0.3%
4.9%	61.9	62.3	0.4	0.6%
6.2%	61.5	61.2	-0.3	-0.5%
7.4%	61.1	60.7	-0.4	-0.7%
8.6%	60.6	60.6	0.0	0.0%
9.9%	60.6	60.5	-0.1	-0.2%
11.1%	60.5	60.4	-0.1	-0.2%
12.3%	60.3	60.2	-0.1	-0.2%
13.6%	60.3	60.1	-0.2	-0.3%
14.8%	60.3	60.1	-0.2	-0.3%
16.0%	60.3	60.0	-0.3	-0.5%
17.3%	60.2	60.0	-0.2	-0.3%
18.5%	60.1	59.8	-0.3	-0.5%
19.8%	59.9	59.7	-0.2	-0.3%
21.0%	59.7	59.7	0.0	0.0%
22.2%	59.6	59.6	0.0	0.0%
23.5%	59.4	59.6	0.2	0.3%
24.7%	59.2	59.6	0.4	0.7%
25.9%	59.2	59.2	0.0	0.0%
27.2%	59.0	59.0	0.0	0.0%
28.4%	58.9	58.9	0.0	0.0%
29.6%	58.7	58.8	0.1	0.2%
30.9%	58.5	58.7	0.2	0.3%
32.1%	58.5	58.5	0.0	0.0%
33.3%	58.1	58.1	0.0	0.0%
34.6%	58.0	58.0	0.0	0.0%
35.8%	58.0	58.0	0.0	0.0%
37.0%	58.0	58.0	0.0	0.0%
38.3%	57.9	57.9	0.0	0.0%
39.5%	57.9	57.7	-0.2	-0.3%
40.7%	57.7	57.7	0.0	0.0%
42.0%	57.7	57.7	0.0	0.0%
43.2%	57.6	57.6	0.0	0.0%
44.4%	57.6	57.5	-0.1	-0.2%
45.7%	57.5	57.5	0.0	0.0%
46.9%	57.5	57.5	0.0	0.0%
48.1%	57.5	57.4	-0.1	-0.2%
49.4%	57.3	57.3	0.0	0.0%
50.6%	57.1	57.1	0.0	0.0%
51.9%	57.0	56.8	-0.2	-0.4%
53.1%	56.8	56.8	0.0	0.0%
54.3%	56.8	56.8	0.0	0.0%
55.6%	56.8	56.8	0.0	0.0%
56.8%	56.7	56.7	0.0	0.0%
58.0%	56.6	56.6	0.0	0.0%
59.3%	56.5	56.5	0.0	0.0%
60.5%	56.5	56.5	0.0	0.0%
61.7%	56.3	56.3	0.0	0.0%
63.0%	56.3	56.2	-0.1	-0.2%
64.2%	56.1	56.2	0.1	0.2%
65.4%	56.1	56.1	0.0	0.0%
66.7%	56.0	55.8	-0.2	-0.4%
67.9%	55.8	55.7	-0.1	-0.2%
69.1%	55.7	55.7	0.0	0.0%
70.4%	55.6	55.6	0.0	0.0%
71.6%	55.6	55.6	0.0	0.0%
72.8%	55.5	55.5	0.0	0.0%
74.1%	55.3	55.3	0.0	0.0%
75.3%	55.3	55.2	-0.1	-0.2%
76.5%	55.2	55.2	0.0	0.0%
77.8%	55.1	55.1	0.0	0.0%
79.0%	55.0	55.0	0.0	0.0%
80.2%	54.9	55.0	0.1	0.2%
81.5%	54.9	54.9	0.0	0.0%
82.7%	54.8	54.9	0.1	0.2%
84.0%	54.7	54.8	0.1	0.2%
85.2%	54.7	54.7	0.0	0.0%
86.4%	54.6	54.7	0.1	0.2%
87.7%	54.6	54.6	0.0	0.0%
88.9%	54.6	54.6	0.0	0.0%
90.1%	54.4	54.6	0.2	0.4%
91.4%	54.2	54.4	0.2	0.4%
92.6%	53.9	54.2	0.3	0.6%
93.8%	53.9	53.9	0.0	0.0%
95.1%	53.7	53.9	0.2	0.4%
96.3%	53.6	53.6	0.0	0.0%
97.5%	53.5	53.5	0.0	0.0%
98.8%	51.9	51.9	0.0	0.0%
100.0%	51.9	51.9	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	72.1	71.8	-0.3	-0.4%
1.2%	69.2	69.7	0.5	0.7%
2.5%	69.1	69.2	0.1	0.1%
3.7%	69.0	68.6	-0.4	-0.6%
4.9%	67.2	67.3	0.1	0.1%
6.2%	67.0	67.0	0.0	0.0%
7.4%	66.4	66.9	0.5	0.8%
8.6%	65.7	66.0	0.3	0.5%
9.9%	65.4	65.1	-0.3	-0.5%
11.1%	65.4	64.8	-0.6	-0.9%
12.3%	64.9	64.8	-0.1	-0.2%
13.6%	64.9	64.7	-0.2	-0.3%
14.8%	64.7	64.6	-0.1	-0.2%
16.0%	64.4	64.6	0.2	0.3%
17.3%	64.2	64.2	0.0	0.0%
18.5%	64.0	64.2	0.2	0.3%
19.8%	63.9	63.9	0.0	0.0%
21.0%	63.9	63.9	0.0	0.0%
22.2%	63.7	63.8	0.1	0.2%
23.5%	63.7	63.7	0.0	0.0%
24.7%	63.7	63.5	-0.2	-0.3%
25.9%	63.6	63.5	-0.1	-0.2%
27.2%	63.5	63.3	-0.2	-0.3%
28.4%	63.4	63.1	-0.3	-0.5%
29.6%	63.2	63.1	-0.1	-0.2%
30.9%	63.2	63.0	-0.2	-0.3%
32.1%	63.1	62.9	-0.2	-0.3%
33.3%	63.0	62.8	-0.2	-0.3%
34.6%	62.9	62.6	-0.3	-0.5%
35.8%	62.6	62.6	0.0	0.0%
37.0%	62.6	62.6	0.0	0.0%
38.3%	62.5	61.7	-0.8	-1.3%
39.5%	61.8	61.7	-0.1	-0.2%
40.7%	61.7	61.7	0.0	0.0%
42.0%	61.7	61.6	-0.1	-0.2%
43.2%	61.7	61.5	-0.2	-0.3%
44.4%	61.6	61.5	-0.1	-0.2%
45.7%	61.5	61.4	-0.1	-0.2%
46.9%	61.4	61.4	0.0	0.0%
48.1%	61.2	61.2	0.0	0.0%
49.4%	61.2	61.2	0.0	0.0%
50.6%	61.2	61.2	0.0	0.0%
51.9%	60.8	60.8	0.0	0.0%
53.1%	60.7	60.6	-0.1	-0.2%
54.3%	60.6	60.6	0.0	0.0%
55.6%	60.6	60.5	-0.1	-0.2%
56.8%	60.5	60.5	0.0	0.0%
58.0%	60.4	60.4	0.0	0.0%
59.3%	60.4	60.3	-0.1	-0.2%
60.5%	60.3	60.3	0.0	0.0%
61.7%	60.3	60.3	0.0	0.0%
63.0%	60.1	60.1	0.0	0.0%
64.2%	60.0	60.0	0.0	0.0%
65.4%	60.0	60.0	0.0	0.0%
66.7%	59.9	59.9	0.0	0.0%
67.9%	59.9	59.9	0.0	0.0%
69.1%	59.9	59.9	0.0	0.0%
70.4%	59.7	59.7	0.0	0.0%
71.6%	59.6	59.5	-0.1	-0.2%
72.8%	59.5	59.5	0.0	0.0%
74.1%	59.4	59.4	0.0	0.0%
75.3%	59.3	59.3	0.0	0.0%
76.5%	59.3	59.3	0.0	0.0%
77.8%	59.3	59.3	0.0	0.0%
79.0%	59.3	59.3	0.0	0.0%
80.2%	59.1	59.2	0.1	0.2%
81.5%	59.1	59.1	0.0	0.0%
82.7%	59.0	59.0	0.0	0.0%
84.0%	58.9	58.9	0.0	0.0%
85.2%	58.9	58.9	0.0	0.0%
86.4%	58.7	58.7	0.0	0.0%
87.7%	58.7	58.7	0.0	0.0%
88.9%	58.7	58.7	0.0	0.0%
90.1%	58.5	58.5	0.0	0.0%
91.4%	58.3	58.3	0.0	0.0%
92.6%	58.2	58.2	0.0	0.0%
93.8%	58.0	58.0	0.0	0.0%
95.1%	57.9	57.9	0.0	0.0%
96.3%	57.8	57.8	0.0	0.0%
97.5%	57.7	57.7	0.0	0.0%
98.8%	57.5	57.5	0.0	0.0%
100.0%	57.5	57.5	0.0	0.0%

Table SQ-18-7b

American River below Nimbus Dam, Monthly Temperature

Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	72.6	73.0	0.4	0.6%
1.2%	72.4	71.7	-0.7	-1.0%
2.5%	72.1	71.1	-1.0	-1.4%
3.7%	72.0	71.1	-0.9	-1.3%
4.9%	71.9	70.9	-1.0	-1.4%
6.2%	70.7	70.5	-0.2	-0.3%
7.4%	70.5	70.1	-0.4	-0.6%
8.6%	70.3	69.9	-0.4	-0.6%
9.9%	70.0	69.7	-0.3	-0.4%
11.1%	69.9	69.7	-0.2	-0.3%
12.3%	69.7	69.4	-0.3	-0.4%
13.6%	69.6	69.4	-0.2	-0.3%
14.8%	69.2	69.2	0.0	0.0%
16.0%	69.1	69.1	0.0	0.0%
17.3%	69.1	69.0	-0.1	-0.1%
18.5%	68.7	68.8	0.1	0.1%
19.8%	68.4	68.7	0.3	0.4%
21.0%	68.3	68.7	0.4	0.6%
22.2%	68.2	68.3	0.1	0.1%
23.5%	68.2	68.1	-0.1	-0.1%
24.7%	68.1	67.7	-0.4	-0.6%
25.9%	67.9	67.7	-0.2	-0.3%
27.2%	67.7	67.7	0.0	0.0%
28.4%	67.6	67.5	-0.1	-0.1%
29.6%	67.5	67.5	0.0	0.0%
30.9%	67.4	67.4	0.0	0.0%
32.1%	67.4	67.3	-0.1	-0.1%
33.3%	67.4	67.3	-0.1	-0.1%
34.6%	67.2	67.3	0.1	0.1%
35.8%	67.1	67.3	0.2	0.3%
37.0%	66.8	67.3	0.5	0.7%
38.3%	66.7	67.2	0.5	0.7%
39.5%	66.4	66.9	0.5	0.8%
40.7%	66.2	66.9	0.7	1.1%
42.0%	66.2	66.8	0.6	0.9%
43.2%	66.0	66.3	0.3	0.5%
44.4%	65.8	66.1	0.3	0.5%
45.7%	65.7	66.1	0.4	0.6%
46.9%	65.6	66.0	0.4	0.6%
48.1%	65.5	66.0	0.5	0.8%
49.4%	65.5	65.9	0.4	0.6%
50.6%	65.4	65.6	0.2	0.3%
51.9%	65.3	65.5	0.2	0.3%
53.1%	65.3	65.3	0.0	0.0%
54.3%	65.3	65.3	0.0	0.0%
55.6%	65.1	65.1	0.0	0.0%
56.8%	64.8	64.9	0.1	0.2%
58.0%	64.7	64.7	0.0	0.0%
59.3%	64.6	64.6	0.0	0.0%
60.5%	64.6	64.6	0.0	0.0%
61.7%	64.6	64.6	0.0	0.0%
63.0%	64.5	64.5	0.0	0.0%
64.2%	64.4	64.4	0.0	0.0%
65.4%	64.3	64.3	0.0	0.0%
66.7%	64.2	64.2	0.0	0.0%
67.9%	64.2	64.2	0.0	0.0%
69.1%	64.2	64.2	0.0	0.0%
70.4%	64.1	64.1	0.0	0.0%
71.6%	64.0	64.0	0.0	0.0%
72.8%	64.0	64.0	0.0	0.0%
74.1%	63.8	63.9	0.1	0.2%
75.3%	63.6	63.6	0.0	0.0%
76.5%	63.5	63.5	0.0	0.0%
77.8%	63.5	63.5	0.0	0.0%
79.0%	63.5	63.5	0.0	0.0%
80.2%	63.5	63.5	0.0	0.0%
81.5%	63.2	63.2	0.0	0.0%
82.7%	63.2	63.2	0.0	0.0%
84.0%	63.0	63.0	0.0	0.0%
85.2%	62.9	62.9	0.0	0.0%
86.4%	62.9	62.9	0.0	0.0%
87.7%	62.8	62.8	0.0	0.0%
88.9%	62.7	62.7	0.0	0.0%
90.1%	62.7	62.7	0.0	0.0%
91.4%	62.7	62.7	0.0	0.0%
92.6%	62.6	62.6	0.0	0.0%
93.8%	62.6	62.6	0.0	0.0%
95.1%	62.6	62.6	0.0	0.0%
96.3%	62.3	62.3	0.0	0.0%
97.5%	62.1	62.1	0.0	0.0%
98.8%	62.0	62.0	0.0	0.0%
100.0%	62.0	62.0	0.0	0.0%

July				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	75.9	75.6	-0.3	-0.4%
1.2%	74.7	73.8	-0.9	-1.2%
2.5%	74.6	72.9	-1.7	-2.3%
3.7%	73.1	71.2	-1.9	-2.6%
4.9%	71.9	70.7	-1.2	-1.7%
6.2%	71.2	70.6	-0.6	-0.8%
7.4%	69.8	70.5	0.7	1.0%
8.6%	69.5	69.9	0.4	0.6%
9.9%	69.2	69.8	0.6	0.9%
11.1%	69.1	69.4	0.3	0.4%
12.3%	68.9	69.0	0.1	0.1%
13.6%	68.9	69.0	0.1	0.1%
14.8%	68.8	68.8	0.0	0.0%
16.0%	68.8	68.7	-0.1	-0.1%
17.3%	68.8	68.5	-0.3	-0.4%
18.5%	68.7	68.5	-0.2	-0.3%
19.8%	68.7	68.3	-0.4	-0.6%
21.0%	68.2	68.3	0.1	0.1%
22.2%	68.2	68.2	0.0	0.0%
23.5%	68.2	68.1	-0.1	-0.1%
24.7%	68.0	68.1	0.1	0.1%
25.9%	67.8	68.1	0.3	0.4%
27.2%	67.7	68.1	0.4	0.6%
28.4%	67.7	68.1	0.4	0.6%
29.6%	67.7	68.0	0.3	0.4%
30.9%	67.7	68.0	0.3	0.4%
32.1%	67.6	67.9	0.3	0.4%
33.3%	67.5	67.9	0.4	0.6%
34.6%	67.5	67.9	0.4	0.6%
35.8%	67.5	67.8	0.3	0.4%
37.0%	67.4	67.8	0.4	0.6%
38.3%	67.4	67.6	0.2	0.3%
39.5%	67.4	67.6	0.2	0.3%
40.7%	67.4	67.6	0.2	0.3%
42.0%	67.3	67.5	0.2	0.3%
43.2%	67.3	67.5	0.2	0.3%
44.4%	67.3	67.5	0.2	0.3%
45.7%	67.2	67.5	0.3	0.4%
46.9%	67.1	67.5	0.4	0.6%
48.1%	67.1	67.4	0.3	0.4%
49.4%	67.0	67.4	0.4	0.6%
50.6%	66.9	67.3	0.4	0.6%
51.9%	66.9	67.3	0.4	0.6%
53.1%	66.7	67.2	0.5	0.7%
54.3%	66.7	67.1	0.4	0.6%
55.6%	66.7	67.0	0.3	0.4%
56.8%	66.7	66.9	0.2	0.3%
58.0%	66.7	66.9	0.2	0.3%
59.3%	66.6	66.9	0.3	0.5%
60.5%	66.5	66.9	0.4	0.6%
61.7%	66.5	66.8	0.3	0.5%
63.0%	66.5	66.7	0.2	0.3%
64.2%	66.5	66.7	0.2	0.3%
65.4%	66.5	66.7	0.2	0.3%
66.7%	66.4	66.6	0.2	0.3%
67.9%	66.4	66.6	0.2	0.3%
69.1%	66.3	66.6	0.3	0.5%
70.4%	66.3	66.6	0.3	0.5%
71.6%	66.3	66.5	0.2	0.3%
72.8%	66.3	66.4	0.1	0.2%
74.1%	66.3	66.4	0.1	0.2%
75.3%	66.2	66.3	0.1	0.2%
76.5%	66.2	66.3	0.1	0.2%
77.8%	66.2	66.2	0.0	0.0%
79.0%	66.2	66.2	0.0	0.0%
80.2%	66.2	66.0	-0.2	-0.3%
81.5%	66.2	66.0	-0.2	-0.3%
82.7%	66.1	66.0	-0.1	-0.2%
84.0%	66.1	66.0	-0.1	-0.2%
85.2%	66.1	66.0	-0.1	-0.2%
86.4%	66.0	66.0	0.0	0.0%
87.7%	66.0	66.0	0.0	0.0%
88.9%	66.0	65.9	-0.1	-0.2%
90.1%	66.0	65.9	-0.1	-0.2%
91.4%	66.0	65.9	-0.1	-0.2%
92.6%	66.0	65.8	-0.2	-0.3%
93.8%	65.8	65.8	0.0	0.0%
95.1%	65.8	65.8	0.0	0.0%
96.3%	65.8	65.7	-0.1	-0.2%
97.5%	65.6	65.6	0.0	0.0%
98.8%	65.5	65.4	-0.1	-0.2%
100.0%	65.5	65.4	-0.1	-0.2%

August				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	75.7	74.6	-1.1	-1.5%
1.2%	73.6	73.5	-0.1	-0.1%
2.5%	72.2	71.3	-0.9	-1.2%
3.7%	71.7	70.9	-0.8	-1.1%
4.9%	71.6	70.8	-0.8	-1.1%
6.2%	71.5	70.7	-0.8	-1.1%
7.4%	71.3	70.7	-0.6	-0.8%
8.6%	71.2	70.4	-0.8	-1.1%
9.9%	70.9	70.4	-0.5	-0.7%
11.1%	70.7	69.9	-0.8	-1.1%
12.3%	70.6	69.8	-0.8	-1.1%
13.6%	70.2	69.7	-0.5	-0.7%
14.8%	70.0	69.4	-0.6	-0.9%
16.0%	69.8	69.3	-0.5	-0.7%
17.3%	69.6	69.3	-0.3	-0.4%
18.5%	69.5	69.2	-0.3	-0.4%
19.8%	69.5	69.1	-0.4	-0.6%
21.0%	69.3	69.1	-0.2	-0.3%
22.2%	69.3	69.1	-0.2	-0.3%
23.5%	69.2	68.9	-0.3	-0.4%
24.7%	69.2	68.8	-0.4	-0.6%
25.9%	69.2	68.8	-0.4	-0.6%
27.2%	69.1	68.7	-0.4	-0.6%
28.4%	69.1	68.7	-0.4	-0.6%
29.6%	68.8	68.6	-0.2	-0.3%
30.9%	68.8	68.6	-0.2	-0.3%
32.1%	68.7	68.6	-0.1	-0.1%
33.3%	68.6	68.5	-0.1	-0.1%
34.6%	68.6	68.5	-0.1	-0.1%
35.8%	68.5	68.5	0.0	0.0%
37.0%	68.5	68.5	0.0	0.0%
38.3%	68.3	68.2	-0.1	-0.1%
39.5%	68.3	68.1	-0.2	-0.3%
40.7%	68.2	68.1	-0.1	-0.1%
42.0%	68.0	68.0	0.0	0.0%
43.2%	67.9	67.9	0.0	0.0%
44.4%	67.8	67.8	0.0	0.0%
45.7%	67.8	67.8	0.0	0.0%
46.9%	67.8	67.8	0.0	0.0%
48.1%	67.7	67.7	0.0	0.0%
49.4%	67.5	67.7	0.2	0.3%
50.6%	67.5	67.6	0.1	0.1%
51.9%	67.5	67.6	0.1	0.1%
53.1%	67.5	67.6	0.1	0.1%
54.3%	67.4	67.6	0.2	0.3%
55.6%	67.4	67.6	0.2	0.3%
56.8%	67.4	67.5	0.1	0.1%
58.0%	67.3	67.5	0.2	0.3%
59.3%	67.2	67.5	0.3	0.4%
60.5%	67.1	67.4	0.3	0.4%
61.7%	67.1	67.4	0.3	0.4%
63.0%	67.1	67.4	0.3	0.4%
64.2%	67.1	67.3	0.2	0.3%
65.4%	67.1	67.2	0.1	0.1%
66.7%	67.0	67.2	0.2	0.3%
67.9%	67.0	67.2	0.2	0.3%
69.1%	66.9	67.1	0.2	0.3%
70.4%	66.9	67.1	0.2	0.3%
71.6%	66.9	67.1	0.2	0.3%
72.8%	66.8	67.0	0.2	0.3%
74.1%	66.8	67.0	0.2	0.3%
75.3%	66.8	66.9	0.1	0.1%
76.5%	66.7	66.9	0.2	0.3%
77.8%	66.7	66.8	0.1	0.1%
79.0%	66.6	66.6	0.0	0.0%
80.2%	66.6	66.6	0.0	0.0%
81.5%	66.5	66.5	0.0	0.0%
82.7%	66.5	66.5	0.0	0.0%
84.0%	66.5	66.5	0.0	0.0%
85.2%	66.4	66.5	0.1	0.2%
86.4%	66.4	66.4	0.0	0.0%
87.7%	66.4	66.3	-0.1	-0.2%
88.9%	66.4	66.3	-0.1	-0.2%
90.1%	66.3	66.2	-0.1	-0.2%
91.4%	66.2	66.2	0.0	0.0%
92.6%	66.2	66.2	0.0	0.0%
93.8%	66.2	66.1	-0.1	-0.2%
95.1%	66.2	66.0	-0.2	-0.3%
96.3%	66.0	66.0	0.0	0.0%
97.5%	66.0	66.0	0.0	0.0%
98.8%	65.8	65.7	-0.1	-0.2%
100.0%	65.8	65.7	-0.1	-0.2%

September				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	71.9	69.8	-2.1	-2.9%
1.2%	69.9	69.5	-0.4	-0.6%
2.5%	69.8	69.4	-0.4	-0.6%
3.7%	69.6	69.3	-0.3	-0.4%
4.9%	69.5	68.4	-1.1	-1.6%
6.2%	69.1	68.2	-0.9	-1.3%
7.4%	68.6	68.1	-0.5	-0.7%
8.6%	68.4	68.0	-0.4	-0.6%
9.9%	68.3	67.9	-0.4	-0.6%
11.1%	68.0	67.8	-0.2	-0.3%
12.3%	67.9	67.8	-0.1	-0.1%
13.6%	67.8	67.8	0.0	0.0%
14.8%	67.7	67.8	0.1	0.1%
16.0%	67.6	67.6	0.0	0.0%
17.3%	67.4	67.5	0.1	0.1%
18.5%	67.3	67.4	0.1	0.1%
19.8%	67.3	67.2	-0.1	-0.1%
21.0%	67.2	67.1	-0.1	-0.1%
22.2%	67.2	67.1	-0.1	-0.1%
23.5%	67.2	67.0	-0.2	-0.3%
24.7%	67.2	67.0	-0.2	-0.3%
25.9%	67.2	67.0	-0.2	-0.3%
27.2%	67.1	66.8	-0.3	-0.4%
28.4%	67.0	66.8	-0.2	-0.3%
29.6%	66.9	66.6	-0.3	-0.4%
30.9%	66.9	66.6	-0.3	-0.4%
32.1%	66.9	66.6	-0.3	-0.4%
33.3%	66.7	66.6	-0.1	-0.1%
34.6%	66.7	66.4	-0.3	-0.4%
35.8%	66.6	66.3	-0.3	-0.5%
37.0%	66.5	66.3	-0.2	-0.3%
38.3%	66.5	66.2	-0.3	-0.5%
39.5%	66.5	66.2	-0.3	-0.5%
40.7%	66.4	66.2	-0.2	-0.3%
42.0%	66.4	66.1	-0.3	-0.5%
43.2%	66.4	66.1	-0.3	-0.5%
44.4%	66.4	66.1	-0.3	-0.5%
45.7%	66.4	66.0	-0.4	-0.6%
46.9%	66.3	66.0	-0.3	-0.5%
48.1%	66.1	66.0	-0.1	-0.2%
49.4%	65.8	66.0	0.2	0.3%
50.6%	65.8	65.8	0.0	0.0%
51.9%	65.8	65.8	0.0	0.0%
53.1%	65.7	65.8	0.1	0.2%
54.3%	65.7	65.7	0.0	0.0%
55.6%	65.7	65.7	0.0	0.0%
56.8%	65.7	65.7	0.0	0.0%
58.0%	65.6	65.6	0.0	0.0%
59.3%	65.6	65.5	-0.1	-0.2%
60.5%	65.6	65.5	-0.1	-0.2%
61.7%	65.6	65.4	-0.2	-0.3%
63.0%	65.5	65.4	-0.1	-0.2%
64.2%	65.4	65.4	0.0	0.0%
65.4%	65.4	65.4	0.0	0.0%
66.7%	65.3	65.4	0.1	0.2%
67.9%	65.3	65.4	0.1	0.2%
69.1%	65.3	65.4	0.1	0.2%
70.4%	65.3	65.3	0.0	0.0%
71.6%	65.3	65.3	0.0	0.0%
72.8%	65.3	65.3	0.0	0.0%
74.1%	65.3	65.3	0.0	0.0%
75.3%	65.3	65.3	0.0	0.0%
76.5%	65.2	65.2	0.0	0.0%
77.8%	65.2	65.2	0.0	0.0%
79.0%	65.2	65.1	-0.1	-0.2%
80.2%	65.2	65.1	-0.1	-0.2%
81.5%	65.1	65.1	0.0	0.0%
82.7%	65.1	65.1	0.0	0.0%
84.0%	65.1	65.1	0.0	0.0%
85.2%	65.0	65.0	0.0	0.0%
86.4%	65.0	65.0	0.0	0.0%
87.7%	65.0	65.0	0.0	0.0%
88.9%	64.9	65.0	0.1	0.2%
90.1%	64.9	64.9	0.0	0.0%
91.4%	64.7	64.9	0.2	0.3%
92.6%	64.7	64.8	0.1	0.2%
93.8%	64.7	64.8	0.1	0.2%
95.1%	64.5	64.8	0.3	0.5%
96.3%	64.5	64.7	0.2	0.3%
97.5%	64.4	64.7	0.3	0.5%
98.8%	64.1	64.5	0.4	0.6%
100.0%	64.1	64.5	0.4	0.6%

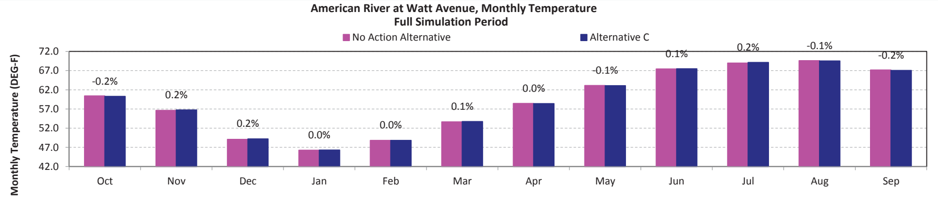
Table SQ-19-7a
American River at Watt Avenue, Monthly Temperature
Long-term Average and Average by Water Year Type

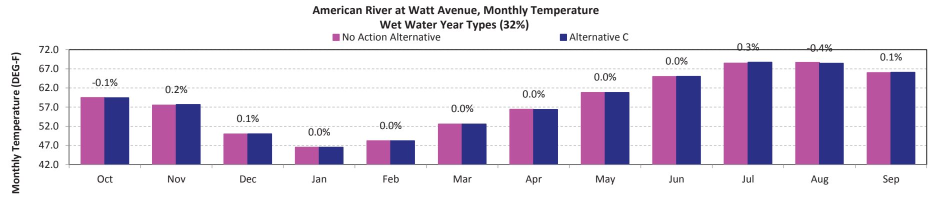
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	60.4	56.6	49.1	46.3	48.8	53.7	58.4	63.1	67.4	69.0	69.6	67.2
Alternative C	60.3	56.8	49.2	46.3	48.8	53.7	58.4	63.1	67.5	69.1	69.5	67.1
Difference	-0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.2	-0.1	-0.1
Percent Difference[3]	-0.2%	0.2%	0.2%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.1%	0.2%	-0.1%	-0.2%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	59.5	57.5	50.0	46.5	48.2	52.6	56.4	60.8	65.0	68.5	68.7	66.0
Alternative C	59.4	57.7	50.0	46.5	48.2	52.6	56.4	60.8	65.0	68.7	68.4	66.1
Difference	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.3	0.1
Percent Difference	-0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	-0.4%	0.1%
Above Normal (15%)												
No Action Alternative	59.1	56.1	49.0	46.5	48.5	53.2	58.0	62.5	67.1	67.9	69.0	66.4
Alternative C	58.9	56.2	49.2	46.5	48.5	53.2	58.0	62.5	67.3	67.9	69.0	66.6
Difference	-0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2
Percent Difference	-0.4%	0.1%	0.2%	0.0%	0.0%	0.1%	0.0%	0.0%	0.2%	-0.1%	0.0%	0.2%
Below Normal (17%)												
No Action Alternative	59.0	56.4	49.3	45.7	47.8	53.5	58.5	62.5	67.3	67.6	69.7	67.5
Alternative C	58.9	56.5	49.4	45.7	47.7	53.7	58.4	62.4	67.3	68.3	69.7	67.0
Difference	0.0	0.1	0.1	0.0	0.0	0.1	-0.1	-0.1	0.0	0.7	0.0	-0.6
Percent Difference	-0.1%	0.1%	0.2%	0.1%	-0.1%	0.3%	-0.1%	-0.2%	0.0%	1.1%	-0.1%	-0.8%
Dry (22%)												
No Action Alternative	61.0	56.4	48.9	46.0	49.3	54.2	59.7	65.2	69.4	69.0	69.6	67.8
Alternative C	60.7	56.5	49.1	45.9	49.2	54.2	59.8	65.1	69.4	69.1	69.9	67.8
Difference	-0.3	0.1	0.2	0.0	-0.1	0.0	0.1	-0.2	0.1	0.1	0.3	0.0
Percent Difference	-0.6%	0.2%	0.4%	-0.1%	-0.2%	0.0%	0.1%	-0.2%	0.1%	0.1%	0.4%	0.0%
Critical (15%)												
No Action Alternative	64.4	55.7	47.4	46.4	50.9	55.6	61.0	65.8	69.9	72.7	71.8	69.1
Alternative C	64.5	55.9	47.5	46.5	51.1	55.8	60.9	65.9	70.0	72.3	71.4	68.7
Difference	0.1	0.2	0.1	0.1	0.1	0.1	-0.1	0.1	0.1	-0.4	-0.4	-0.4
Percent Difference	0.1%	0.4%	0.3%	0.2%	0.3%	0.2%	-0.2%	0.1%	0.1%	-0.5%	-0.6%	-0.6%

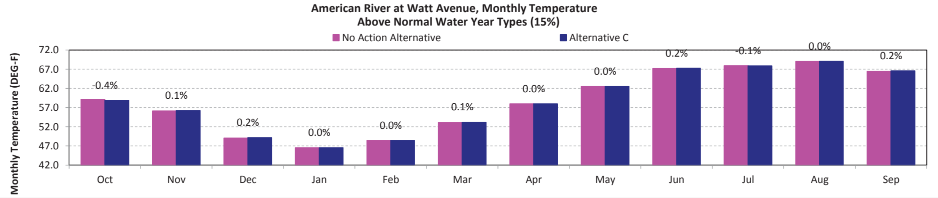
1 Based on the 82-year simulation period

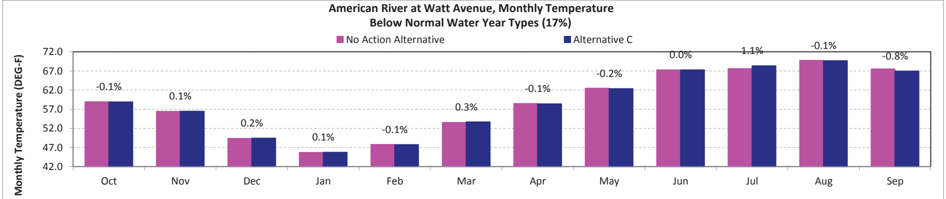
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

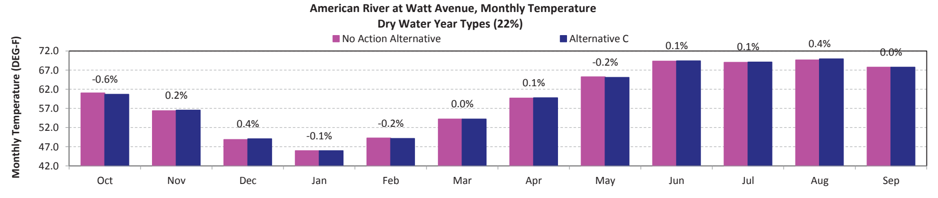
3 Relative difference of the monthly average


American River at Watt Avenue, Monthly Temperature
Full Simulation Period


American River at Watt Avenue, Monthly Temperature
Wet Water Year Types (32%)


American River at Watt Avenue, Monthly Temperature
Above Normal Water Year Types (15%)


American River at Watt Avenue, Monthly Temperature
Below Normal Water Year Types (17%)


American River at Watt Avenue, Monthly Temperature
Dry Water Year Types (22%)

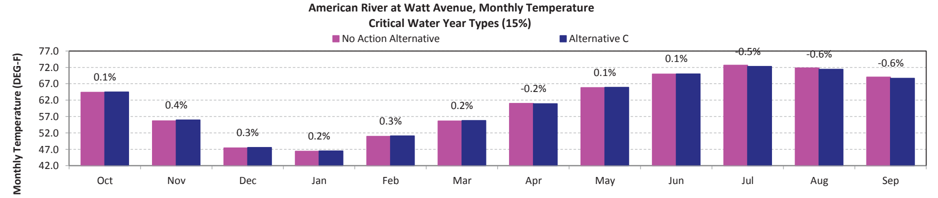

American River at Watt Avenue, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-19-7b
American River at Watt Avenue, Monthly Temperature
Probability of Exceedance

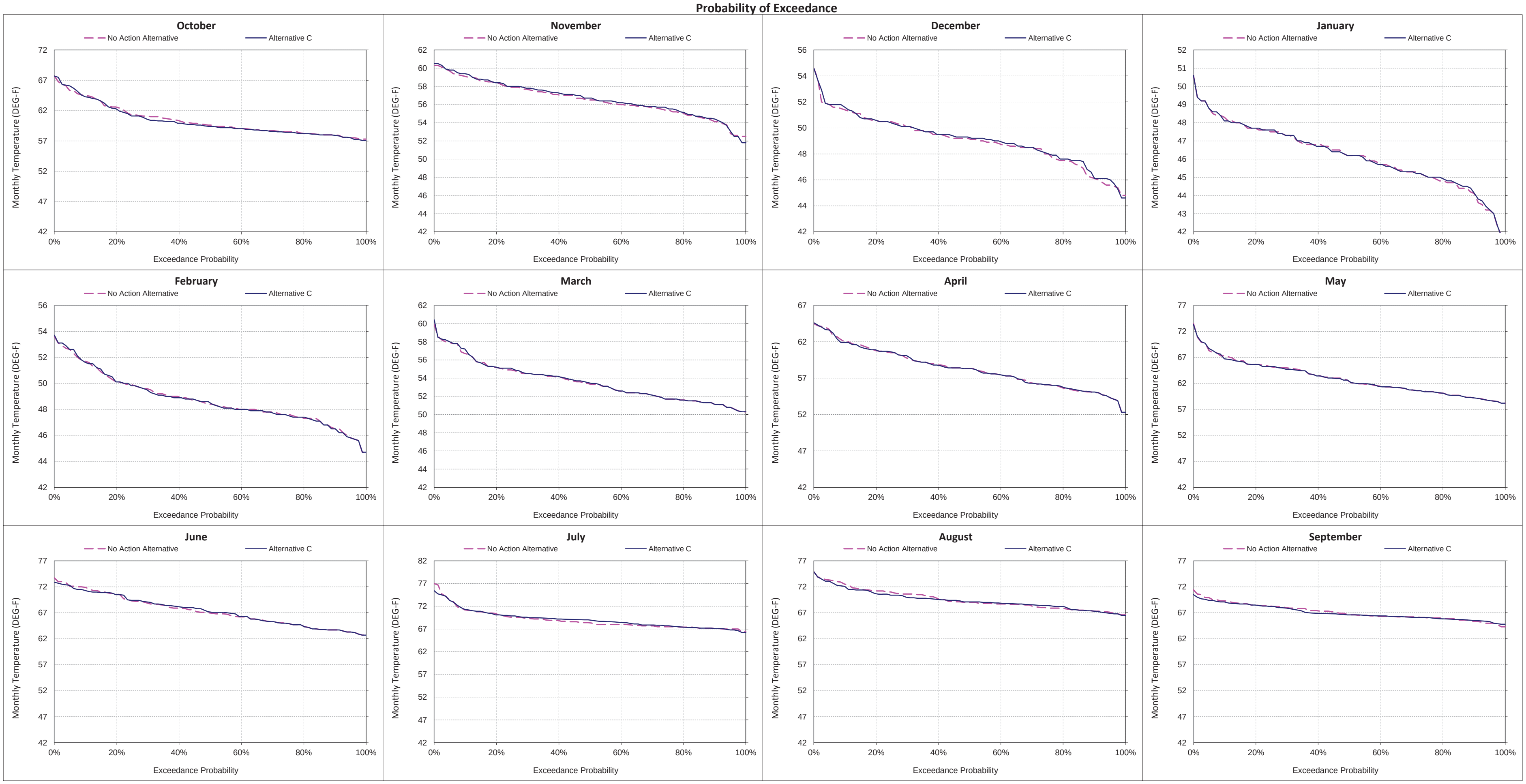


Table SQ-19-7b

American River at Watt Avenue, Monthly Temperature

Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.7	67.7	0.0	0.0%
1.2%	66.8	67.5	0.7	1.0%
2.5%	66.3	66.3	0.0	0.0%
3.7%	66.1	66.2	0.1	0.2%
4.9%	65.3	66.1	0.8	1.2%
6.2%	65.3	65.7	0.4	0.6%
7.4%	64.8	65.2	0.4	0.6%
8.6%	64.6	64.6	0.0	0.0%
9.9%	64.5	64.3	-0.2	-0.3%
11.1%	64.4	64.2	-0.2	-0.3%
12.3%	64.2	64.0	-0.2	-0.3%
13.6%	63.8	63.9	0.1	0.2%
14.8%	63.6	63.6	0.0	0.0%
16.0%	62.8	63.2	0.4	0.6%
17.3%	62.8	62.6	-0.2	-0.3%
18.5%	62.6	62.4	-0.2	-0.3%
19.8%	62.6	62.3	-0.3	-0.5%
21.0%	62.4	61.9	-0.5	-0.8%
22.2%	62.1	61.7	-0.4	-0.6%
23.5%	61.6	61.5	-0.1	-0.2%
24.7%	61.3	61.1	-0.2	-0.3%
25.9%	61.3	61.1	-0.2	-0.3%
27.2%	61.2	61.1	-0.1	-0.2%
28.4%	61.1	60.9	-0.2	-0.3%
29.6%	61.1	60.6	-0.5	-0.8%
30.9%	61.0	60.4	-0.6	-1.0%
32.1%	61.0	60.4	-0.6	-1.0%
33.3%	61.0	60.3	-0.7	-1.1%
34.6%	60.8	60.3	-0.5	-0.8%
35.8%	60.7	60.2	-0.5	-0.8%
37.0%	60.6	60.2	-0.4	-0.7%
38.3%	60.5	60.2	-0.3	-0.5%
39.5%	60.4	59.9	-0.5	-0.8%
40.7%	60.2	59.9	-0.3	-0.5%
42.0%	60.0	59.8	-0.2	-0.3%
43.2%	60.0	59.7	-0.3	-0.5%
44.4%	59.9	59.7	-0.2	-0.3%
45.7%	59.9	59.6	-0.3	-0.5%
46.9%	59.8	59.6	-0.2	-0.3%
48.1%	59.7	59.5	-0.2	-0.3%
49.4%	59.6	59.4	-0.2	-0.3%
50.6%	59.6	59.4	-0.2	-0.3%
51.9%	59.4	59.3	-0.1	-0.2%
53.1%	59.4	59.2	-0.2	-0.3%
54.3%	59.4	59.2	-0.2	-0.3%
55.6%	59.3	59.2	-0.1	-0.2%
56.8%	59.3	59.2	-0.1	-0.2%
58.0%	59.1	59.0	-0.1	-0.2%
59.3%	59.0	59.0	0.0	0.0%
60.5%	59.0	59.0	0.0	0.0%
61.7%	59.0	58.9	-0.1	-0.2%
63.0%	58.9	58.9	0.0	0.0%
64.2%	58.9	58.8	-0.1	-0.2%
65.4%	58.8	58.8	0.0	0.0%
66.7%	58.7	58.7	0.0	0.0%
67.9%	58.7	58.7	0.0	0.0%
69.1%	58.7	58.6	-0.1	-0.2%
70.4%	58.7	58.6	-0.1	-0.2%
71.6%	58.6	58.5	-0.1	-0.2%
72.8%	58.6	58.5	-0.1	-0.2%
74.1%	58.5	58.4	-0.1	-0.2%
75.3%	58.5	58.4	-0.1	-0.2%
76.5%	58.5	58.4	-0.1	-0.2%
77.8%	58.5	58.3	-0.2	-0.3%
79.0%	58.3	58.2	-0.1	-0.2%
80.2%	58.2	58.2	0.0	0.0%
81.5%	58.2	58.2	0.0	0.0%
82.7%	58.2	58.1	-0.1	-0.2%
84.0%	58.1	58.1	0.0	0.0%
85.2%	58.1	58.0	-0.1	-0.2%
86.4%	58.0	58.0	0.0	0.0%
87.7%	58.0	58.0	0.0	0.0%
88.9%	58.0	58.0	0.0	0.0%
90.1%	58.0	57.9	-0.1	-0.2%
91.4%	57.9	57.8	-0.1	-0.2%
92.6%	57.6	57.6	0.0	0.0%
93.8%	57.6	57.6	0.0	0.0%
95.1%	57.5	57.5	0.0	0.0%
96.3%	57.5	57.2	-0.3	-0.5%
97.5%	57.4	57.2	-0.2	-0.3%
98.8%	57.3	57.1	-0.2	-0.3%
100.0%	57.3	57.1	-0.2	-0.3%

November				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.3	60.5	0.2	0.3%
1.2%	60.3	60.5	0.2	0.3%
2.5%	60.1	60.3	0.2	0.3%
3.7%	59.9	59.9	0.0	0.0%
4.9%	59.7	59.8	0.1	0.2%
6.2%	59.4	59.8	0.4	0.7%
7.4%	59.3	59.5	0.2	0.3%
8.6%	59.2	59.4	0.2	0.3%
9.9%	59.1	59.4	0.3	0.5%
11.1%	59.0	59.3	0.3	0.5%
12.3%	59.0	59.0	0.0	0.0%
13.6%	58.9	58.8	-0.1	-0.2%
14.8%	58.6	58.8	0.2	0.3%
16.0%	58.6	58.7	0.1	0.2%
17.3%	58.5	58.7	0.2	0.3%
18.5%	58.5	58.5	0.0	0.0%
19.8%	58.4	58.4	0.0	0.0%
21.0%	58.3	58.4	0.1	0.2%
22.2%	58.1	58.3	0.2	0.3%
23.5%	58.0	58.0	0.0	0.0%
24.7%	57.9	58.0	0.1	0.2%
25.9%	57.9	58.0	0.1	0.2%
27.2%	57.9	58.0	0.1	0.2%
28.4%	57.7	57.9	0.2	0.3%
29.6%	57.7	57.8	0.1	0.2%
30.9%	57.6	57.8	0.2	0.3%
32.1%	57.5	57.7	0.2	0.3%
33.3%	57.4	57.6	0.2	0.3%
34.6%	57.4	57.6	0.2	0.3%
35.8%	57.3	57.5	0.2	0.3%
37.0%	57.3	57.4	0.1	0.2%
38.3%	57.1	57.3	0.2	0.4%
39.5%	57.1	57.3	0.2	0.4%
40.7%	57.0	57.2	0.2	0.4%
42.0%	57.0	57.1	0.1	0.2%
43.2%	57.0	57.1	0.1	0.2%
44.4%	57.0	57.1	0.1	0.2%
45.7%	56.7	57.0	0.3	0.5%
46.9%	56.7	57.0	0.3	0.5%
48.1%	56.6	56.7	0.1	0.2%
49.4%	56.5	56.7	0.2	0.4%
50.6%	56.5	56.7	0.2	0.4%
51.9%	56.5	56.5	0.0	0.0%
53.1%	56.4	56.4	0.0	0.0%
54.3%	56.3	56.4	0.1	0.2%
55.6%	56.2	56.4	0.2	0.4%
56.8%	56.1	56.4	0.3	0.5%
58.0%	56.1	56.3	0.2	0.4%
59.3%	56.0	56.2	0.2	0.4%
60.5%	56.0	56.2	0.2	0.4%
61.7%	55.9	56.1	0.2	0.4%
63.0%	55.9	56.1	0.2	0.4%
64.2%	55.9	56.0	0.1	0.2%
65.4%	55.8	55.9	0.1	0.2%
66.7%	55.8	55.9	0.1	0.2%
67.9%	55.8	55.8	0.0	0.0%
69.1%	55.7	55.8	0.1	0.2%
70.4%	55.6	55.8	0.2	0.4%
71.6%	55.6	55.7	0.1	0.2%
72.8%	55.5	55.7	0.2	0.4%
74.1%	55.4	55.7	0.3	0.5%
75.3%	55.4	55.5	0.1	0.2%
76.5%	55.2	55.5	0.3	0.5%
77.8%	55.2	55.4	0.2	0.4%
79.0%	55.1	55.2	0.1	0.2%
80.2%	55.0	55.1	0.1	0.2%
81.5%	54.8	54.9	0.1	0.2%
82.7%	54.8	54.9	0.1	0.2%
84.0%	54.7	54.7	0.0	0.0%
85.2%	54.6	54.7	0.1	0.2%
86.4%	54.5	54.6	0.1	0.2%
87.7%	54.4	54.5	0.1	0.2%
88.9%	54.3	54.5	0.2	0.4%
90.1%	54.1	54.4	0.3	0.6%
91.4%	54.1	54.2	0.1	0.2%
92.6%	53.9	54.0	0.1	0.2%
93.8%	53.8	53.7	-0.1	-0.2%
95.1%	52.8	53.1	0.3	0.6%
96.3%	52.6	52.5	-0.1	-0.2%
97.5%	52.6	52.5	-0.1	-0.2%
98.8%	52.5	51.8	-0.7	-1.3%
100.0%	52.5	51.8	-0.7	-1.3%

December				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.6	54.6	0.0	0.0%
1.2%	53.8	53.7	-0.1	-0.2%
2.5%	52.0	52.9	0.9	1.7%
3.7%	51.9	51.9	0.0	0.0%
4.9%	51.8	51.8	0.0	0.0%
6.2%	51.6	51.8	0.2	0.4%
7.4%	51.6	51.8	0.2	0.4%
8.6%	51.5	51.8	0.3	0.6%
9.9%	51.4	51.6	0.2	0.4%
11.1%	51.3	51.4	0.1	0.2%
12.3%	51.2	51.3	0.1	0.2%
13.6%	51.1	51.1	0.0	0.0%
14.8%	51.1	50.8	-0.3	-0.6%
16.0%	50.8	50.7	-0.1	-0.2%
17.3%	50.7	50.7	0.0	0.0%
18.5%	50.6	50.7	0.1	0.2%
19.8%	50.6	50.6	0.0	0.0%
21.0%	50.5	50.5	0.0	0.0%
22.2%	50.5	50.5	0.0	0.0%
23.5%	50.5	50.5	0.0	0.0%
24.7%	50.5	50.4	-0.1	-0.2%
25.9%	50.4	50.3	-0.1	-0.2%
27.2%	50.3	50.2	-0.1	-0.2%
28.4%	50.3	50.1	-0.2	-0.4%
29.6%	50.1	50.1	0.0	0.0%
30.9%	50.1	50.1	0.0	0.0%
32.1%	49.8	50.0	0.2	0.4%
33.3%	49.8	49.9	0.1	0.2%
34.6%	49.8	49.8	0.0	0.0%
35.8%	49.8	49.7	-0.1	-0.2%
37.0%	49.7	49.7	0.0	0.0%
38.3%	49.5	49.7	0.2	0.4%
39.5%	49.5	49.5	0.0	0.0%
40.7%	49.5	49.5	0.0	0.0%
42.0%	49.4	49.5	0.1	0.2%
43.2%	49.3	49.5	0.2	0.4%
44.4%	49.2	49.4	0.2	0.4%
45.7%	49.2	49.3	0.1	0.2%
46.9%	49.2	49.3	0.1	0.2%
48.1%	49.2	49.3	0.1	0.2%
49.4%	49.2	49.3	0.1	0.2%
50.6%	49.1	49.2	0.1	0.2%
51.9%	49.1	49.2	0.1	0.2%
53.1%	49.0	49.2	0.2	0.4%
54.3%	49.0	49.2	0.2	0.4%
55.6%	48.9	49.1	0.2	0.4%
56.8%	48.9	49.1	0.2	0.4%
58.0%	48.9	49.0	0.1	0.2%
59.3%	48.8	49.0	0.2	0.4%
60.5%	48.7	48.9	0.2	0.4%
61.7%	48.7	48.8	0.1	0.2%
63.0%	48.6	48.8	0.2	0.4%
64.2%	48.6	48.8	0.2	0.4%
65.4%	48.5	48.6	0.1	0.2%
66.7%	48.5	48.6	0.1	0.2%
67.9%	48.5	48.5	0.0	0.0%
69.1%	48.5	48.5	0.0	0.0%
70.4%	48.4	48.5	0.1	0.2%
71.6%	48.4	48.3	-0.1	-0.2%
72.8%	48.4	48.2	-0.2	-0.4%
74.1%	48.0	48.1	0.1	0.2%
75.3%	48.0	48.0	0.0	0.0%
76.5%	47.7	47.9	0.2	0.4%
77.8%	47.6	47.9	0.3	0.6%
79.0%	47.5	47.6	0.1	0.2%
80.2%	47.5	47.6	0.1	0.2%
81.5%	47.5	47.6	0.1	0.2%
82.7%	47.4	47.5	0.1	0.2%
84.0%	47.2	47.5	0.3	0.6%
85.2%	47.1	47.5	0.4	0.8%
86.4%	46.9	47.4	0.5	1.1%
87.7%	46.3	46.8	0.5	1.1%
88.9%	46.2	46.6	0.4	0.9%
90.1%	46.1	46.1	0.0	0.0%
91.4%	46.0	46.1	0.1	0.2%
92.6%	45.8	46.1	0.3	0.7%
93.8%	45.6	46.1	0.5	1.1%
95.1%	45.6	46.0	0.4	0.9%
96.3%	45.5	45.7	0.2	0.4%
97.5%	45.4	45.3	-0.1	-0.2%
98.8%	44.8	44.6	-0.2	-0.4%
100.0%	44.8	44.6	-0.2	-0.4%

January				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.6	50.6	0.0	0.0%
1.2%	49.4	49.4	0.0	0.0%
2.5%	49.2	49.2	0.0	0.0%
3.7%	49.2	49.2	0.0	0.0%
4.9%	48.8	48.8	0.0	0.0%
6.2%	48.5	48.6	0.1	0.2%
7.4%	48.4	48.6	0.2	0.4%
8.6%	48.4	48.4	0.0	0.0%
9.9%	48.3	48.1	-0.2	-0.4%
11.1%	48.1	48.1	0.0	0.0%
12.3%	48.1	48.0	-0.1	-0.2%
13.6%	48.0	48.0	0.0	0.0%
14.8%	48.0	48.0	0.0	0.0%
16.0%	47.9	47.9	0.0	0.0%
17.3%	47.7	47.8	0.1	0.2%
18.5%	47.7	47.7	0.0	0.0%
19.8%	47.7	47.7	0.0	0.0%
21.0%	47.6	47.7	0.1	0.2%
22.2%	47.6	47.6	0.0	0.0%
23.5%	47.6	47.6	0.0	0.0%
24.7%	47.5	47.6	0.1	0.2%
25.9%	47.5	47.6	0.1	0.2%
27.2%	47.5	47.4	-0.1	-0.2%
28.4%	47.4	47.4	0.0	0.0%
29.6%	47.3	47.3	0.0	0.0%
30.9%	47.3	47.3	0.0	0.0%
32.1%	47.2	47.3	0.1	0.2%
33.3%	47.0	47.0	0.0	0.0%
34.6%	46.9	47.0	0.1	0.2%
35.8%	46.8	46.9	0.1	0.2%
37.0%	46.8	46.9	0.1	0.2%
38.3%	46.8	46.8	0.0	0.0%
39.5%	46.8	46.7	-0.1	-0.2%
40.7%	46.8	46.7	-0.1	-0.2%
42.0%	46.7	46.7	0.0	0.0%
43.2%	46.7	46.6	-0.1	-0.2%
44.4%	46.5	46.4	-0.1	-0.2%
45.7%	46.5	46.4	-0.1	-0.2%
46.9%	46.5	46.4	-0.1	-0.2%
48.1%	46.3	46.3	0.0	0.0%
49.4%	46.2	46.2	0.0	0.0%
50.6%	46.2	46.2	0.0	0.0%
51.9%	46.2	46.2	0.0	0.0%
53.1%	46.2	46.2	0.0	0.0%
54.3%	46.2	46.1	-0.1	-0.2%
55.6%	46.1	45.9	-0.2	-0.4%
56.8%	45.9	45.9	0.0	0.0%
58.0%	45.9	45.8	-0.1	-0.2%
59.3%	45.8	45.7	-0.1	-0.2%
60.5%	45.7	45.7	0.0	0.0%
61.7%	45.7	45.6	-0.1	-0.2%
63.0%	45.6	45.6	0.0	0.0%
64.2%	45.6	45.5	-0.1	-0.2%
65.4%	45.4	45.4	0.0	0.0%
66.7%	45.4	45.3	-0.1	-0.2%
67.9%	45.3	45.3	0.0	0.0%
69.1%	45.3	45.3	0.0	0.0%
70.4%	45.3	45.3	0.0	0.0%
71.6%	45.3	45.2	-0.1	-0.2%
72.8%	45.2	45.2	0.0	0.0%
74.1%	45.1	45.1	0.0	0.0%
75.3%	45.0	45.0	0.0	0.0%
76.5%	45.0	45.0	0.0	0.0%
77.8%	44.9	45.0	0.1	0.2%
79.0%	44.8	45.0	0.2	0.4%
80.2%	44.8	44.9	0.1	0.2%
81.5%	44.7	44.8	0.1	0.2%
82.7%	44.7	44.8	0.1	0.2%
84.0%	44.7	44.7	0.0	0.0%
85.2%	44.4	44.6	0.2	0.5%
86.4%	44.4	44.5	0.1	0.2%
87.7%	44.4	44.5	0.1	0.2%
88.9%	44.2	44.4	0.2	0.5%
90.1%	44.1	44.1	0.0	0.0%
91.4%	43.6	43.8	0.2	0.5%
92.6%	43.5	43.7	0.2	0.5%
93.8%	43.2	43.4	0.2	0.5%
95.1%	43.2	43.2	0.0	0.0%
96.3%	43.0	43.0	0.0	0.0%
97.5%	42.3	42.3	0.0	0.0%
98.8%	41.8	41.8	0.0	0.0%
100.0%	41.8	41.8	0.0	0.0%

Table SQ-19-7b

American River at Watt Avenue, Monthly Temperature
Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.6	53.7	0.1	0.2%
1.2%	53.1	53.1	0.0	0.0%
2.5%	52.9	53.1	0.2	0.4%
3.7%	52.7	52.9	0.2	0.4%
4.9%	52.6	52.6	0.0	0.0%
6.2%	52.3	52.6	0.3	0.6%
7.4%	52.0	52.1	0.1	0.2%
8.6%	51.8	51.8	0.0	0.0%
9.9%	51.7	51.6	-0.1	-0.2%
11.1%	51.6	51.5	-0.1	-0.2%
12.3%	51.3	51.5	0.2	0.4%
13.6%	51.2	51.2	0.0	0.0%
14.8%	50.9	51.1	0.2	0.4%
16.0%	50.7	50.7	0.0	0.0%
17.3%	50.5	50.6	0.1	0.2%
18.5%	50.3	50.5	0.2	0.4%
19.8%	50.1	50.1	0.0	0.0%
21.0%	50.1	50.1	0.0	0.0%
22.2%	50.0	50.0	0.0	0.0%
23.5%	49.9	50.0	0.1	0.2%
24.7%	49.9	49.8	-0.1	-0.2%
25.9%	49.8	49.8	0.0	0.0%
27.2%	49.7	49.7	0.0	0.0%
28.4%	49.6	49.6	0.0	0.0%
29.6%	49.6	49.5	-0.1	-0.2%
30.9%	49.5	49.3	-0.2	-0.4%
32.1%	49.3	49.2	-0.1	-0.2%
33.3%	49.2	49.1	-0.1	-0.2%
34.6%	49.2	49.1	-0.1	-0.2%
35.8%	49.1	49.0	-0.1	-0.2%
37.0%	49.0	49.0	0.0	0.0%
38.3%	49.0	48.9	-0.1	-0.2%
39.5%	49.0	48.9	-0.1	-0.2%
40.7%	48.9	48.9	0.0	0.0%
42.0%	48.9	48.8	-0.1	-0.2%
43.2%	48.8	48.8	0.0	0.0%
44.4%	48.7	48.8	0.1	0.2%
45.7%	48.7	48.7	0.0	0.0%
46.9%	48.6	48.6	0.0	0.0%
48.1%	48.5	48.6	0.1	0.2%
49.4%	48.4	48.6	0.2	0.4%
50.6%	48.4	48.4	0.0	0.0%
51.9%	48.3	48.3	0.0	0.0%
53.1%	48.2	48.2	0.0	0.0%
54.3%	48.2	48.1	-0.1	-0.2%
55.6%	48.1	48.1	0.0	0.0%
56.8%	48.1	48.1	0.0	0.0%
58.0%	48.1	48.0	-0.1	-0.2%
59.3%	48.0	48.0	0.0	0.0%
60.5%	48.0	48.0	0.0	0.0%
61.7%	48.0	48.0	0.0	0.0%
63.0%	48.0	47.9	-0.1	-0.2%
64.2%	48.0	47.9	-0.1	-0.2%
65.4%	47.9	47.9	0.0	0.0%
66.7%	47.8	47.9	0.1	0.2%
67.9%	47.8	47.8	0.0	0.0%
69.1%	47.8	47.8	0.0	0.0%
70.4%	47.8	47.7	-0.1	-0.2%
71.6%	47.7	47.6	-0.1	-0.2%
72.8%	47.6	47.6	0.0	0.0%
74.1%	47.6	47.6	0.0	0.0%
75.3%	47.6	47.5	-0.1	-0.2%
76.5%	47.5	47.4	-0.1	-0.2%
77.8%	47.4	47.4	0.0	0.0%
79.0%	47.4	47.4	0.0	0.0%
80.2%	47.3	47.4	0.1	0.2%
81.5%	47.3	47.3	0.0	0.0%
82.7%	47.3	47.2	-0.1	-0.2%
84.0%	47.3	47.1	-0.2	-0.4%
85.2%	47.1	47.1	0.0	0.0%
86.4%	46.8	46.8	0.0	0.0%
87.7%	46.8	46.8	0.0	0.0%
88.9%	46.6	46.5	-0.1	-0.2%
90.1%	46.5	46.5	0.0	0.0%
91.4%	46.5	46.2	-0.3	-0.6%
92.6%	46.2	46.2	0.0	0.0%
93.8%	46.0	45.9	-0.1	-0.2%
95.1%	45.8	45.8	0.0	0.0%
96.3%	45.7	45.7	0.0	0.0%
97.5%	45.6	45.6	0.0	0.0%
98.8%	44.7	44.7	0.0	0.0%
100.0%	44.7	44.7	0.0	0.0%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.9	60.4	0.5	0.8%
1.2%	58.6	58.5	-0.1	-0.2%
2.5%	58.2	58.3	0.1	0.2%
3.7%	58.0	58.2	0.2	0.3%
4.9%	57.9	58.0	0.1	0.2%
6.2%	57.8	57.8	0.0	0.0%
7.4%	57.8	57.8	0.0	0.0%
8.6%	56.9	57.3	0.4	0.7%
9.9%	56.7	57.2	0.5	0.9%
11.1%	56.6	56.6	0.0	0.0%
12.3%	56.3	56.3	0.0	0.0%
13.6%	55.8	55.8	0.0	0.0%
14.8%	55.7	55.7	0.0	0.0%
16.0%	55.7	55.5	-0.2	-0.4%
17.3%	55.3	55.3	0.0	0.0%
18.5%	55.2	55.3	0.1	0.2%
19.8%	55.2	55.2	0.0	0.0%
21.0%	55.1	55.1	0.0	0.0%
22.2%	55.0	55.1	0.1	0.2%
23.5%	54.9	55.1	0.2	0.4%
24.7%	54.9	55.1	0.2	0.4%
25.9%	54.8	54.9	0.1	0.2%
27.2%	54.7	54.8	0.1	0.2%
28.4%	54.5	54.6	0.1	0.2%
29.6%	54.5	54.5	0.0	0.0%
30.9%	54.5	54.5	0.0	0.0%
32.1%	54.4	54.4	0.0	0.0%
33.3%	54.4	54.4	0.0	0.0%
34.6%	54.4	54.4	0.0	0.0%
35.8%	54.2	54.3	0.1	0.2%
37.0%	54.2	54.3	0.1	0.2%
38.3%	54.2	54.2	0.0	0.0%
39.5%	54.1	54.2	0.1	0.2%
40.7%	54.1	54.1	0.0	0.0%
42.0%	53.9	54.0	0.1	0.2%
43.2%	53.8	53.9	0.1	0.2%
44.4%	53.7	53.8	0.1	0.2%
45.7%	53.6	53.7	0.1	0.2%
46.9%	53.6	53.7	0.1	0.2%
48.1%	53.4	53.6	0.2	0.4%
49.4%	53.4	53.5	0.1	0.2%
50.6%	53.3	53.4	0.1	0.2%
51.9%	53.3	53.4	0.1	0.2%
53.1%	53.2	53.3	0.1	0.2%
54.3%	53.1	53.1	0.0	0.0%
55.6%	53.1	53.1	0.0	0.0%
56.8%	52.9	52.9	0.0	0.0%
58.0%	52.7	52.7	0.0	0.0%
59.3%	52.6	52.6	0.0	0.0%
60.5%	52.5	52.6	0.1	0.2%
61.7%	52.4	52.4	0.0	0.0%
63.0%	52.4	52.4	0.0	0.0%
64.2%	52.4	52.4	0.0	0.0%
65.4%	52.3	52.4	0.1	0.2%
66.7%	52.3	52.3	0.0	0.0%
67.9%	52.3	52.3	0.0	0.0%
69.1%	52.2	52.2	0.0	0.0%
70.4%	52.1	52.1	0.0	0.0%
71.6%	52.0	52.0	0.0	0.0%
72.8%	51.9	51.9	0.0	0.0%
74.1%	51.7	51.7	0.0	0.0%
75.3%	51.7	51.7	0.0	0.0%
76.5%	51.7	51.7	0.0	0.0%
77.8%	51.6	51.7	0.1	0.2%
79.0%	51.6	51.6	0.0	0.0%
80.2%	51.6	51.6	0.0	0.0%
81.5%	51.5	51.5	0.0	0.0%
82.7%	51.5	51.5	0.0	0.0%
84.0%	51.5	51.5	0.0	0.0%
85.2%	51.4	51.4	0.0	0.0%
86.4%	51.3	51.3	0.0	0.0%
87.7%	51.3	51.3	0.0	0.0%
88.9%	51.3	51.3	0.0	0.0%
90.1%	51.1	51.1	0.0	0.0%
91.4%	51.1	51.1	0.0	0.0%
92.6%	51.1	51.1	0.0	0.0%
93.8%	50.8	50.8	0.0	0.0%
95.1%	50.8	50.8	0.0	0.0%
96.3%	50.6	50.6	0.0	0.0%
97.5%	50.4	50.4	0.0	0.0%
98.8%	50.3	50.3	0.0	0.0%
100.0%	50.3	50.3	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	64.5	64.6	0.1	0.2%
1.2%	64.2	64.3	0.1	0.2%
2.5%	64.1	64.0	-0.1	-0.2%
3.7%	64.0	63.7	-0.3	-0.5%
4.9%	63.7	63.6	-0.1	-0.2%
6.2%	62.8	63.2	0.4	0.6%
7.4%	62.7	62.4	-0.3	-0.5%
8.6%	62.3	61.9	-0.4	-0.6%
9.9%	62.0	61.9	-0.1	-0.2%
11.1%	62.0	61.9	-0.1	-0.2%
12.3%	61.7	61.6	-0.1	-0.2%
13.6%	61.6	61.6	0.0	0.0%
14.8%	61.6	61.3	-0.3	-0.5%
16.0%	61.4	61.1	-0.3	-0.5%
17.3%	61.2	61.0	-0.2	-0.3%
18.5%	61.0	60.9	-0.1	-0.2%
19.8%	60.8	60.9	0.1	0.2%
21.0%	60.7	60.7	0.0	0.0%
22.2%	60.7	60.7	0.0	0.0%
23.5%	60.6	60.7	0.1	0.2%
24.7%	60.5	60.6	0.1	0.2%
25.9%	60.5	60.5	0.0	0.0%
27.2%	60.2	60.2	0.0	0.0%
28.4%	60.1	60.1	0.0	0.0%
29.6%	59.8	60.1	0.3	0.5%
30.9%	59.6	59.8	0.2	0.3%
32.1%	59.4	59.4	0.0	0.0%
33.3%	59.3	59.3	0.0	0.0%
34.6%	59.2	59.2	0.0	0.0%
35.8%	59.2	59.2	0.0	0.0%
37.0%	59.0	59.0	0.0	0.0%
38.3%	59.0	58.8	-0.2	-0.3%
39.5%	58.8	58.8	0.0	0.0%
40.7%	58.8	58.7	-0.1	-0.2%
42.0%	58.7	58.5	-0.2	-0.3%
43.2%	58.5	58.4	-0.1	-0.2%
44.4%	58.4	58.4	0.0	0.0%
45.7%	58.4	58.4	0.0	0.0%
46.9%	58.4	58.4	0.0	0.0%
48.1%	58.3	58.3	0.0	0.0%
49.4%	58.3	58.3	0.0	0.0%
50.6%	58.3	58.3	0.0	0.0%
51.9%	58.3	58.2	-0.1	-0.2%
53.1%	58.0	57.9	-0.1	-0.2%
54.3%	57.9	57.7	-0.2	-0.3%
55.6%	57.7	57.7	0.0	0.0%
56.8%	57.6	57.6	0.0	0.0%
58.0%	57.6	57.6	0.0	0.0%
59.3%	57.5	57.5	0.0	0.0%
60.5%	57.4	57.4	0.0	0.0%
61.7%	57.3	57.3	0.0	0.0%
63.0%	57.3	57.3	0.0	0.0%
64.2%	57.2	57.2	0.0	0.0%
65.4%	56.8	56.9	0.1	0.2%
66.7%	56.8	56.8	0.0	0.0%
67.9%	56.7	56.4	-0.3	-0.5%
69.1%	56.4	56.3	-0.1	-0.2%
70.4%	56.3	56.3	0.0	0.0%
71.6%	56.2	56.2	0.0	0.0%
72.8%	56.2	56.2	0.0	0.0%
74.1%	56.1	56.1	0.0	0.0%
75.3%	56.1	56.1	0.0	0.0%
76.5%	56.0	56.0	0.0	0.0%
77.8%	56.0	56.0	0.0	0.0%
79.0%	55.8	55.9	0.1	0.2%
80.2%	55.6	55.7	0.1	0.2%
81.5%	55.5	55.6	0.1	0.2%
82.7%	55.4	55.5	0.1	0.2%
84.0%	55.3	55.4	0.1	0.2%
85.2%	55.2	55.3	0.1	0.2%
86.4%	55.2	55.2	0.0	0.0%
87.7%	55.1	55.2	0.1	0.2%
88.9%	55.1	55.1	0.0	0.0%
90.1%	55.0	55.1	0.1	0.2%
91.4%	55.0	55.0	0.0	0.0%
92.6%	54.7	54.7	0.0	0.0%
93.8%	54.6	54.6	0.0	0.0%
95.1%	54.3	54.3	0.0	0.0%
96.3%	54.1	54.1	0.0	0.0%
97.5%	53.9	53.9	0.0	0.0%
98.8%	52.3	52.3	0.0	0.0%
100.0%	52.3	52.3	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.5	73.3	-0.2	-0.3%
1.2%	70.9	71.0	0.1	0.1%
2.5%	69.9	70.0	0.1	0.1%
3.7%	69.8	69.7	-0.1	-0.1%
4.9%	68.3	68.7	0.4	0.6%
6.2%	67.9	68.3	0.4	0.6%
7.4%	67.9	67.8	-0.1	-0.1%
8.6%	67.3	67.6	0.3	0.4%
9.9%	67.3	66.7	-0.6	-0.9%
11.1%	67.1	66.6	-0.5	-0.7%
12.3%	66.9	66.5	-0.4	-0.6%
13.6%	66.4	66.3	-0.1	-0.2%
14.8%	66.4	66.2	-0.2	-0.3%
16.0%	66.3	66.1	-0.2	-0.3%
17.3%	65.6	65.7	0.1	0.2%
18.5%	65.6	65.6	0.0	0.0%
19.8%	65.6	65.6	0.0	0.0%
21.0%	65.6	65.6	0.0	0.0%
22.2%	65.5	65.2	-0.3	-0.5%
23.5%	65.4	65.2	-0.2	-0.3%
24.7%	65.2	65.2	0.0	0.0%
25.9%	65.1	65.2	0.1	0.2%
27.2%	65.0	65.0	0.0	0.0%
28.4%	65.0	64.9	-0.1	-0.2%
29.6%	65.0	64.7	-0.3	-0.5%
30.9%	64.9	64.7	-0.2	-0.3%
32.1%	64.8	64.6	-0.2	-0.3%
33.3%	64.7	64.5	-0.2	-0.3%
34.6%	64.5	64.4	-0.1	-0.2%
35.8%	64.4	64.4	0.0	0.0%
37.0%	63.8	63.8	0.0	0.0%
38.3%	63.7	63.7	0.0	0.0%
39.5%	63.6	63.4	-0.2	-0.3%
40.7%	63.4	63.4	0.0	0.0%
42.0%	63.2	63.2	0.0	0.0%
43.2%	63.2	63.0	-0.2	-0.3%
44.4%	63.0	63.0	0.0	0.0%
45.7%	63.0	62.9	-0.1	-0.2%
46.9%	63.0	62.9	-0.1	-0.2%
48.1%	62.9	62.6	-0.3	-0.5%
49.4%	62.6	62.6	0.0	0.0%
50.6%	62.1	62.1	0.0	0.0%
51.9%	62.0	62.0	0.0	0.0%
53.1%	61.9	61.9	0.0	0.0%
54.3%	61.9	61.9	0.0	0.0%
55.6%	61.8	61.9	0.1	0.2%
56.8%	61.8	61.8	0.0	0.0%
58.0%	61.6	61.7	0.1	0.2%
59.3%	61.5	61.4	-0.1	-0.2%
60.5%	61.4	61.3	-0.1	-0.2%
61.7%	61.3	61.3	0.0	0.0%
63.0%	61.3	61.3	0.0	0.0%
64.2%	61.2	61.2	0.0	0.0%
65.4%	61.2	61.2	0.0	0.0%
66.7%	61.1	61.1	0.0	0.0%
67.9%	61.0	61.0	0.0	0.0%
69.1%	60.7	60.7	0.0	0.0%
70.4%	60.7	60.7	0.0	0.0%
71.6%	60.6	60.6	0.0	0.0%
72.8%	60.6	60.6	0.0	0.0%
74.1%	60.5	60.4	-0.1	-0.2%
75.3%	60.4	60.4	0.0	0.0%
76.5%	60.4	60.4	0.0	0.0%
77.8%	60.3	60.3	0.0	0.0%
79.0%	60.1	60.2	0.1	0.2%
80.2%	60.1	60.1	0.0	0.0%
81.5%	59.8	59.8	0.0	0.0%
82.7%	59.7	59.7	0.0	0.0%
84.0%	59.7	59.7	0.0	0.0%
85.2%	59.7	59.7	0.0	0.0%
86.4%	59.5	59.5	0.0	0.0%
87.7%	59.3	59.3	0.0	0.0%
88.9%	59.3	59.3	0.0	0.0%
90.1%	59.2	59.2	0.0	0.0%
91.4%	59.1	59.1	0.0	0.0%
92.6%	59.0	59.0	0.0	0.0%
93.8%	58.8	58.8	0.0	0.0%
95.1%	58.7	58.7	0.0	0.0%
96.3%	58.6	58.6	0.0	0.0%
97.5%	58.5	58.5	0.0	0.0%
98.8%	58.2	58.2	0.0	0.0%
100.0%	58.2	58.2	0.0	0.0%

Table SQ-19-7b

American River at Watt Avenue, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.7	72.9	-0.8	-1.1%
1.2%	73.0	72.7	-0.3	-0.4%
2.5%	73.0	72.5	-0.5	-0.7%
3.7%	72.8	72.4	-0.4	-0.5%
4.9%	72.1	72.3	0.2	0.3%
6.2%	72.1	71.7	-0.4	-0.6%
7.4%	72.0	71.5	-0.5	-0.7%
8.6%	72.0	71.5	-0.5	-0.7%
9.9%	71.9	71.3	-0.6	-0.8%
11.1%	71.6	71.1	-0.5	-0.7%
12.3%	71.3	71.0	-0.3	-0.4%
13.6%	71.3	71.0	-0.3	-0.4%
14.8%	71.0	70.9	-0.1	-0.1%
16.0%	71.0	70.9	-0.1	-0.1%
17.3%	70.8	70.9	0.1	0.1%
18.5%	70.7	70.8	0.1	0.1%
19.8%	70.6	70.5	-0.1	-0.1%
21.0%	70.5	70.5	0.0	0.0%
22.2%	69.7	70.4	0.7	1.0%
23.5%	69.5	69.5	0.0	0.0%
24.7%	69.3	69.4	0.1	0.1%
25.9%	69.2	69.4	0.2	0.3%
27.2%	69.2	69.4	0.2	0.3%
28.4%	69.1	69.2	0.1	0.1%
29.6%	68.9	69.1	0.2	0.3%
30.9%	68.7	69.0	0.3	0.4%
32.1%	68.7	68.7	0.0	0.0%
33.3%	68.6	68.7	0.1	0.1%
34.6%	68.5	68.6	0.1	0.1%
35.8%	68.4	68.4	0.0	0.0%
37.0%	68.0	68.4	0.4	0.6%
38.3%	67.9	68.3	0.4	0.6%
39.5%	67.9	68.2	0.3	0.4%
40.7%	67.8	68.1	0.3	0.4%
42.0%	67.8	68.0	0.2	0.3%
43.2%	67.6	68.0	0.4	0.6%
44.4%	67.6	68.0	0.4	0.6%
45.7%	67.2	67.8	0.6	0.9%
46.9%	67.1	67.8	0.7	1.0%
48.1%	67.1	67.5	0.4	0.6%
49.4%	67.0	67.2	0.2	0.3%
50.6%	66.9	67.1	0.2	0.3%
51.9%	66.8	67.1	0.3	0.4%
53.1%	66.8	67.1	0.3	0.4%
54.3%	66.8	67.1	0.3	0.4%
55.6%	66.7	67.0	0.3	0.4%
56.8%	66.4	66.9	0.5	0.8%
58.0%	66.3	66.8	0.5	0.8%
59.3%	66.2	66.3	0.1	0.2%
60.5%	66.2	66.3	0.1	0.2%
61.7%	66.2	66.3	0.1	0.2%
63.0%	65.8	65.8	0.0	0.0%
64.2%	65.8	65.8	0.0	0.0%
65.4%	65.7	65.7	0.0	0.0%
66.7%	65.6	65.5	-0.1	-0.2%
67.9%	65.4	65.4	0.0	0.0%
69.1%	65.3	65.3	0.0	0.0%
70.4%	65.3	65.3	0.0	0.0%
71.6%	65.1	65.1	0.0	0.0%
72.8%	65.1	65.0	-0.1	-0.2%
74.1%	65.0	65.0	0.0	0.0%
75.3%	64.9	64.9	0.0	0.0%
76.5%	64.7	64.7	0.0	0.0%
77.8%	64.7	64.7	0.0	0.0%
79.0%	64.7	64.7	0.0	0.0%
80.2%	64.3	64.3	0.0	0.0%
81.5%	64.2	64.2	0.0	0.0%
82.7%	63.9	63.9	0.0	0.0%
84.0%	63.9	63.9	0.0	0.0%
85.2%	63.8	63.8	0.0	0.0%
86.4%	63.8	63.8	0.0	0.0%
87.7%	63.7	63.7	0.0	0.0%
88.9%	63.7	63.7	0.0	0.0%
90.1%	63.7	63.7	0.0	0.0%
91.4%	63.7	63.7	0.0	0.0%
92.6%	63.5	63.5	0.0	0.0%
93.8%	63.3	63.3	0.0	0.0%
95.1%	63.3	63.3	0.0	0.0%
96.3%	63.2	63.2	0.0	0.0%
97.5%	62.9	62.9	0.0	0.0%
98.8%	62.7	62.7	0.0	0.0%
100.0%	62.7	62.7	0.0	0.0%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	77.0	75.4	-1.6	-2.1%
1.2%	76.7	74.7	-2.0	-2.6%
2.5%	74.7	74.5	-0.2	-0.3%
3.7%	74.2	74.2	0.0	0.0%
4.9%	73.4	73.3	-0.1	-0.1%
6.2%	73.0	72.9	-0.1	-0.1%
7.4%	71.9	72.2	0.3	0.4%
8.6%	71.5	71.7	0.2	0.3%
9.9%	71.2	71.3	0.1	0.1%
11.1%	71.1	71.2	0.1	0.1%
12.3%	71.0	71.0	0.0	0.0%
13.6%	70.8	70.9	0.1	0.1%
14.8%	70.8	70.9	0.1	0.1%
16.0%	70.7	70.7	0.0	0.0%
17.3%	70.5	70.5	0.0	0.0%
18.5%	70.5	70.4	-0.1	-0.1%
19.8%	70.4	70.1	-0.3	-0.4%
21.0%	70.0	70.1	0.1	0.1%
22.2%	69.9	70.0	0.1	0.1%
23.5%	69.7	70.0	0.3	0.4%
24.7%	69.6	69.9	0.3	0.4%
25.9%	69.6	69.9	0.3	0.4%
27.2%	69.6	69.7	0.1	0.1%
28.4%	69.5	69.6	0.1	0.1%
29.6%	69.3	69.6	0.3	0.4%
30.9%	69.3	69.5	0.2	0.3%
32.1%	69.2	69.5	0.3	0.4%
33.3%	69.2	69.5	0.3	0.4%
34.6%	69.2	69.4	0.2	0.3%
35.8%	69.0	69.4	0.4	0.6%
37.0%	68.9	69.3	0.4	0.6%
38.3%	68.9	69.3	0.4	0.6%
39.5%	68.9	69.2	0.3	0.4%
40.7%	68.7	69.2	0.5	0.7%
42.0%	68.7	69.2	0.5	0.7%
43.2%	68.6	69.1	0.5	0.7%
44.4%	68.6	69.1	0.5	0.7%
45.7%	68.6	69.1	0.5	0.7%
46.9%	68.4	69.1	0.7	1.0%
48.1%	68.4	69.0	0.6	0.9%
49.4%	68.4	69.0	0.6	0.9%
50.6%	68.3	68.9	0.6	0.9%
51.9%	68.0	68.8	0.8	1.2%
53.1%	68.0	68.7	0.7	1.0%
54.3%	68.0	68.7	0.7	1.0%
55.6%	68.0	68.6	0.6	0.9%
56.8%	68.0	68.6	0.6	0.9%
58.0%	68.0	68.5	0.5	0.7%
59.3%	68.0	68.5	0.5	0.7%
60.5%	68.0	68.4	0.4	0.6%
61.7%	68.0	68.4	0.4	0.6%
63.0%	67.9	68.2	0.3	0.4%
64.2%	67.8	68.1	0.3	0.4%
65.4%	67.8	68.1	0.3	0.4%
66.7%	67.7	67.9	0.2	0.3%
67.9%	67.7	67.9	0.2	0.3%
69.1%	67.7	67.9	0.2	0.3%
70.4%	67.7	67.9	0.2	0.3%
71.6%	67.5	67.8	0.3	0.4%
72.8%	67.5	67.8	0.3	0.4%
74.1%	67.5	67.7	0.2	0.3%
75.3%	67.5	67.7	0.2	0.3%
76.5%	67.5	67.6	0.1	0.1%
77.8%	67.5	67.5	0.0	0.0%
79.0%	67.4	67.5	0.1	0.1%
80.2%	67.4	67.4	0.0	0.0%
81.5%	67.4	67.3	-0.1	-0.1%
82.7%	67.4	67.3	-0.1	-0.1%
84.0%	67.3	67.3	0.0	0.0%
85.2%	67.2	67.2	0.0	0.0%
86.4%	67.2	67.2	0.0	0.0%
87.7%	67.2	67.2	0.0	0.0%
88.9%	67.2	67.2	0.0	0.0%
90.1%	67.1	67.1	0.0	0.0%
91.4%	67.1	67.1	0.0	0.0%
92.6%	67.0	67.1	0.1	0.1%
93.8%	67.0	66.9	-0.1	-0.1%
95.1%	67.0	66.8	-0.2	-0.3%
96.3%	67.0	66.8	-0.2	-0.3%
97.5%	67.0	66.6	-0.4	-0.6%
98.8%	66.4	66.2	-0.2	-0.3%
100.0%	66.4	66.2	-0.2	-0.3%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	74.9	74.9	0.0	0.0%
1.2%	73.9	73.9	0.0	0.0%
2.5%	73.7	73.5	-0.2	-0.3%
3.7%	73.4	73.1	-0.3	-0.4%
4.9%	73.3	73.1	-0.2	-0.3%
6.2%	73.2	72.7	-0.5	-0.7%
7.4%	73.0	72.3	-0.7	-1.0%
8.6%	72.9	72.2	-0.7	-1.0%
9.9%	72.5	72.1	-0.4	-0.6%
11.1%	72.4	71.5	-0.9	-1.2%
12.3%	71.8	71.5	-0.3	-0.4%
13.6%	71.7	71.4	-0.3	-0.4%
14.8%	71.6	71.4	-0.2	-0.3%
16.0%	71.4	71.4	0.0	0.0%
17.3%	71.4	71.3	-0.1	-0.1%
18.5%	71.3	71.0	-0.3	-0.4%
19.8%	71.2	70.7	-0.5	-0.7%
21.0%	71.2	70.6	-0.6	-0.8%
22.2%	71.2	70.6	-0.6	-0.8%
23.5%	71.0	70.6	-0.4	-0.6%
24.7%	71.0	70.4	-0.6	-0.8%
25.9%	70.8	70.4	-0.4	-0.6%
27.2%	70.7	70.4	-0.3	-0.4%
28.4%	70.6	70.3	-0.3	-0.4%
29.6%	70.6	70.0	-0.6	-0.8%
30.9%	70.6	69.9	-0.7	-1.0%
32.1%	70.6	69.9	-0.7	-1.0%
33.3%	70.5	69.8	-0.7	-1.0%
34.6%	70.5	69.8	-0.7	-1.0%
35.8%	70.3	69.8	-0.5	-0.7%
37.0%	70.1	69.7	-0.4	-0.6%
38.3%	70.1	69.7	-0.4	-0.6%
39.5%	69.8	69.6	-0.2	-0.3%
40.7%	69.6	69.5	-0.1	-0.1%
42.0%	69.5	69.5	0.0	0.0%
43.2%	69.2	69.4	0.2	0.3%
44.4%	69.2	69.4	0.2	0.3%
45.7%	69.1	69.4	0.3	0.4%
46.9%	69.1	69.3	0.2	0.3%
48.1%	69.0	69.1	0.1	0.1%
49.4%	69.0	69.1	0.1	0.1%
50.6%	69.0	69.1	0.1	0.1%
51.9%	69.0	69.1	0.1	0.1%
53.1%	68.8	69.1	0.3	0.4%
54.3%	68.8	69.0	0.2	0.3%
55.6%	68.8	69.0	0.2	0.3%
56.8%	68.8	69.0	0.2	0.3%
58.0%	68.7	68.9	0.2	0.3%
59.3%	68.7	68.9	0.2	0.3%
60.5%	68.7	68.8	0.1	0.1%
61.7%	68.7	68.8	0.1	0.1%
63.0%	68.6	68.8	0.2	0.3%
64.2%	68.6	68.7	0.1	0.1%
65.4%	68.6	68.7	0.1	0.1%
66.7%	68.6	68.7	0.1	0.1%
67.9%	68.5	68.6	0.1	0.1%
69.1%	68.5	68.6	0.1	0.1%
70.4%	68.2	68.5	0.3	0.4%
71.6%	68.1	68.5	0.4	0.6%
72.8%	68.0	68.4	0.4	0.6%
74.1%	68.0	68.4	0.4	0.6%
75.3%	67.9	68.4	0.5	0.7%
76.5%	67.9	68.3	0.4	0.6%
77.8%	67.9	68.2	0.3	0.4%
79.0%	67.9	68.2	0.3	0.4%
80.2%	67.8	68.2	0.4	0.6%
81.5%	67.7	67.9	0.2	0.3%
82.7%	67.6	67.6	0.0	0.0%
84.0%	67.6	67.6	0.0	0.0%
85.2%	67.5	67.5	0.0	0.0%
86.4%	67.5	67.5	0.0	0.0%
87.7%	67.4	67.4	0.0	0.0%
88.9%	67.4	67.4	0.0	0.0%
90.1%	67.3	67.3	0.0	0.0%
91.4%	67.3	67.2	-0.1	-0.1%
92.6%	67.2	67.1	-0.1	-0.1%
93.8%	67.2	67.0	-0.2	-0.3%
95.1%	67.1	66.9	-0.2	-0.3%
96.3%	66.9	66.8	-0.1	-0.1%
97.5%	66.8	66.8	0.0	0.0%
98.8%	66.6	66.5	-0.1	-0.2%
100.0%	66.6	66.5	-0.1	-0.2%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	71.4	70.5	-0.9	-1.3%
1.2%	70.6	70.0	-0.6	-0.8%
2.5%	70.5	69.7	-0.8	-1.1%
3.7%	69.9	69.6	-0.3	-0.4%
4.9%	69.9	69.4	-0.5	-0.7%
6.2%	69.5	69.4	-0.1	-0.1%
7.4%	69.5	69.2	-0.3	-0.4%
8.6%	69.3	69.1	-0.2	-0.3%
9.9%	69.3	69.1	-0.2	-0.3%
11.1%	69.2	68.9	-0.3	-0.4%
12.3%	69.0	68.8	-0.2	-0.3%
13.6%	68.9	68.8	-0.1	-0.1%
14.8%	68.8	68.7	-0.1	-0.1%
16.0%	68.8	68.7	-0.1	-0.1%
17.3%	68.7	68.7	0.0	0.0%
18.5%	68.5	68.5	0.0	0.0%
19.8%	68.5	68.5	0.0	0.0%
21.0%	68.4	68.4	0.0	0.0%
22.2%	68.4	68.3	-0.1	-0.1%
23.5%	68.4	68.3	-0.1	-0.1%
24.7%	68.3	68.2	-0.1	-0.1%
25.9%	68.2	68.2	0.0	0.0%
27.2%	68.2	68.0	-0.2	-0.3%
28.4%	68.1	68.0	-0.1	-0.1%
29.6%	68.0	67.9	-0.1	-0.1%
30.9%	67.9	67.8	-0.1	-0.1%
32.1%	67.9	67.7	-0.2	-0.3%
33.3%	67.8	67.5	-0.3	-0.4%
34.6%	67.8	67.4	-0.4	-0.6%
35.8%	67.8	67.1	-0.7	-1.0%
37.0%	67.4	67.0	-0.4	-0.6%
38.3%	67.4	66.9	-0.5	-0.7%
39.5%	67.4	66.9	-0.5	-0.7%
40.7%	67.3	66.9	-0.4	-0.6%
42.0%	67.3	66.9	-0.4	-0.6%
43.2%	67.3	66.8	-0.5	-0.7%
44.4%	67.2	66.8	-0.4	-0.6%
45.7%	67.1	66.8	-0.3	-0.4%
46.9%	66.9	66.7	-0.2	-0.3%
48.1%	66.9	66.7	-0.2	-0.3%
49.4%	66.7	66.6	-0.1	-0.1%
50.6%	66.6	66.6	0.0	0.0%
51.9%	66.6	66.6	0.0	0.0%
53.1%	66.5	66.6	0.1	0.2%
54.3%	66.5	66.5	0.0	0.0%
55.6%	66.5	66.5	0.0	0.0%
56.8%	66.4	66.5	0.1	0.2%
58.0%	66.4	66.4	0.0	0.0%
59.3%	66.3	66.4	0.1	0.2%
60.5%	66.3	66.4	0.1	0.2%
61.7%	66.3	66.4	0.1	0.2%
63.0%	66.3	66.3	0.0	0.0%
64.2%	66.3	66.3	0.0	0.0%
65.4%	66.2	66.3	0.1	0.2%
66.7%	66.2	66.3	0.1	0.2%
67.9%	66.2	66.2	0.0	0.0%
69.1%	66.2	66.2	0.0	0.0%
70.4%	66.2	66.1	-0.1	-0.2%
71.6%	66.2	66.1	-0.1	-0.2%
72.8%	66.1	66.1	0.0	0.0%
74.1%	66.1	66.1	0.0	0.0%
75.3%	66.0	66.1	0.1	0.2%
76.5%	66.0	66.0	0.0	0.0%
77.8%	66.0	65.9	-0.1	-0.2%
79.0%	66.0	65.9	-0.1	-0.2%
80.2%	65.9	65.8	-0.1	-0.2%
81.5%	65.9	65.8	-0.1	-0.2%
82.7%	65.9	65.8	-0.1	-0.2%
84.0%	65.8	65.7	-0.1	-0.2%
85.2%	65.6	65.7	0.1	0.2%
86.4%	65.6	65.7	0.1	0.2%
87.7%	65.6	65.6	0.0	0.0%
88.9%	65.5	65.6	0.1	0.2%
90.1%	65.3	65.5	0.2	0.3%
91.4%	65.3	65.5	0.2	0.3%
92.6%	65.2	65.4	0.2	0.3%
93.8%	65.0	65.4	0.4	0.6%
95.1%	65.0	65.3	0.3	0.5%
96.3%	65.0	65.0	0.0	0.0%
97.5%	64.7	64.9	0.2	0.3%
98.8%	64.3	64.8	0.5	0.8%
100.0%	64.3	64.8	0.5	0.8%

Table SQ-20-7a
American River at the Mouth, Monthly Temperature
Long-term Average and Average by Water Year Type

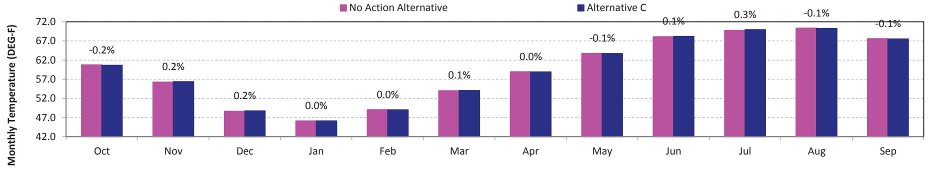
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	60.8	56.3	48.6	46.1	49.0	54.0	58.9	63.7	68.1	69.7	70.4	67.6
Alternative C	60.7	56.4	48.7	46.1	49.0	54.0	58.9	63.7	68.2	70.0	70.3	67.5
Difference	-0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	-0.1	-0.1
Percent Difference[3]	-0.2%	0.2%	0.2%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.1%	0.3%	-0.1%	-0.1%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	60.0	57.3	49.6	46.5	48.3	52.8	56.8	61.4	65.6	69.3	69.5	66.4
Alternative C	59.9	57.4	49.6	46.5	48.4	52.8	56.8	61.4	65.6	69.5	69.2	66.5
Difference	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.3	0.1
Percent Difference	-0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	-0.4%	0.2%
Above Normal (15%)												
No Action Alternative	59.6	55.7	48.6	46.4	48.6	53.3	58.4	63.2	67.9	68.6	69.7	66.8
Alternative C	59.4	55.8	48.7	46.4	48.6	53.4	58.4	63.2	68.1	68.6	69.7	67.0
Difference	-0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1
Percent Difference	-0.3%	0.2%	0.2%	0.0%	0.0%	0.1%	0.0%	0.0%	0.2%	0.0%	0.0%	0.2%
Below Normal (17%)												
No Action Alternative	59.5	56.1	48.9	45.5	48.0	53.9	59.0	63.2	68.1	68.3	70.5	68.0
Alternative C	59.4	56.1	49.0	45.5	47.9	54.0	58.9	63.0	68.1	69.1	70.5	67.4
Difference	0.0	0.1	0.1	0.0	0.0	0.1	-0.1	-0.1	0.0	0.8	0.0	-0.6
Percent Difference	0.0%	0.1%	0.1%	0.1%	-0.1%	0.2%	-0.1%	-0.2%	0.0%	1.2%	0.0%	-0.9%
Dry (22%)												
No Action Alternative	61.3	56.0	48.4	45.7	49.5	54.7	60.3	65.9	70.1	69.9	70.4	68.2
Alternative C	61.0	56.1	48.6	45.6	49.4	54.7	60.4	65.7	70.2	70.0	70.7	68.2
Difference	-0.3	0.1	0.2	-0.1	-0.1	0.0	0.1	-0.1	0.1	0.1	0.3	0.0
Percent Difference	-0.5%	0.2%	0.5%	-0.1%	-0.2%	0.1%	0.1%	-0.2%	0.1%	0.2%	0.4%	0.0%
Critical (15%)												
No Action Alternative	64.2	55.1	46.8	46.2	51.3	56.1	61.7	66.5	70.4	73.4	72.6	69.4
Alternative C	64.3	55.4	46.9	46.3	51.4	56.1	61.6	66.6	70.5	73.1	72.2	69.1
Difference	0.1	0.2	0.1	0.1	0.1	0.1	-0.1	0.1	0.1	-0.3	-0.4	-0.3
Percent Difference	0.1%	0.4%	0.2%	0.2%	0.2%	0.1%	-0.2%	0.1%	0.2%	-0.4%	-0.6%	-0.4%

1 Based on the 82-year simulation period

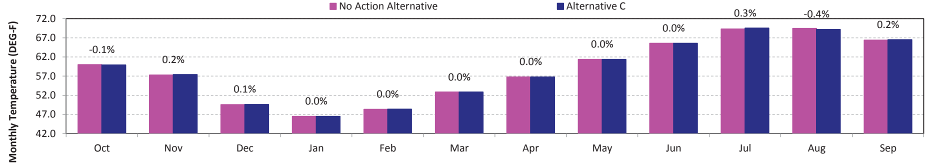
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

3 Relative difference of the monthly average

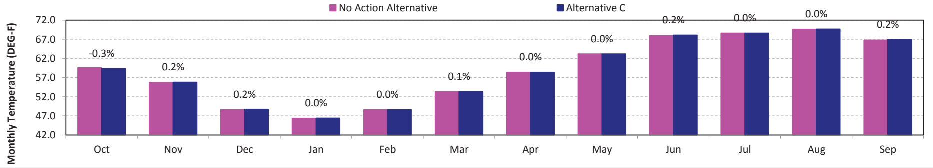
American River at the Mouth, Monthly Temperature
Full Simulation Period



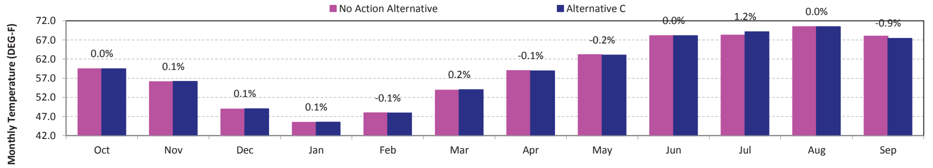
American River at the Mouth, Monthly Temperature
Wet Water Year Types (32%)



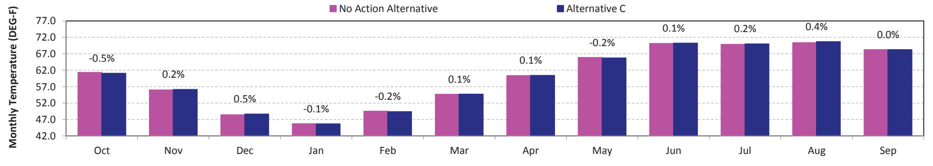
American River at the Mouth, Monthly Temperature
Above Normal Water Year Types (15%)



American River at the Mouth, Monthly Temperature
Below Normal Water Year Types (17%)



American River at the Mouth, Monthly Temperature
Dry Water Year Types (22%)



American River at the Mouth, Monthly Temperature
Critical Water Year Types (15%)

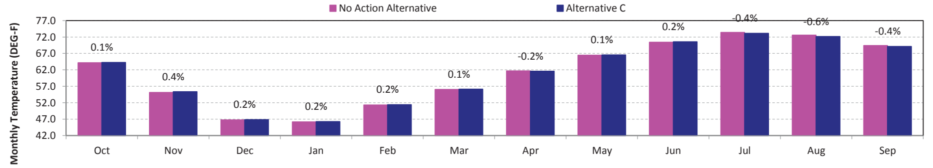


Figure SQ-20-7b
American River at the Mouth, Monthly Temperature
Probability of Exceedance

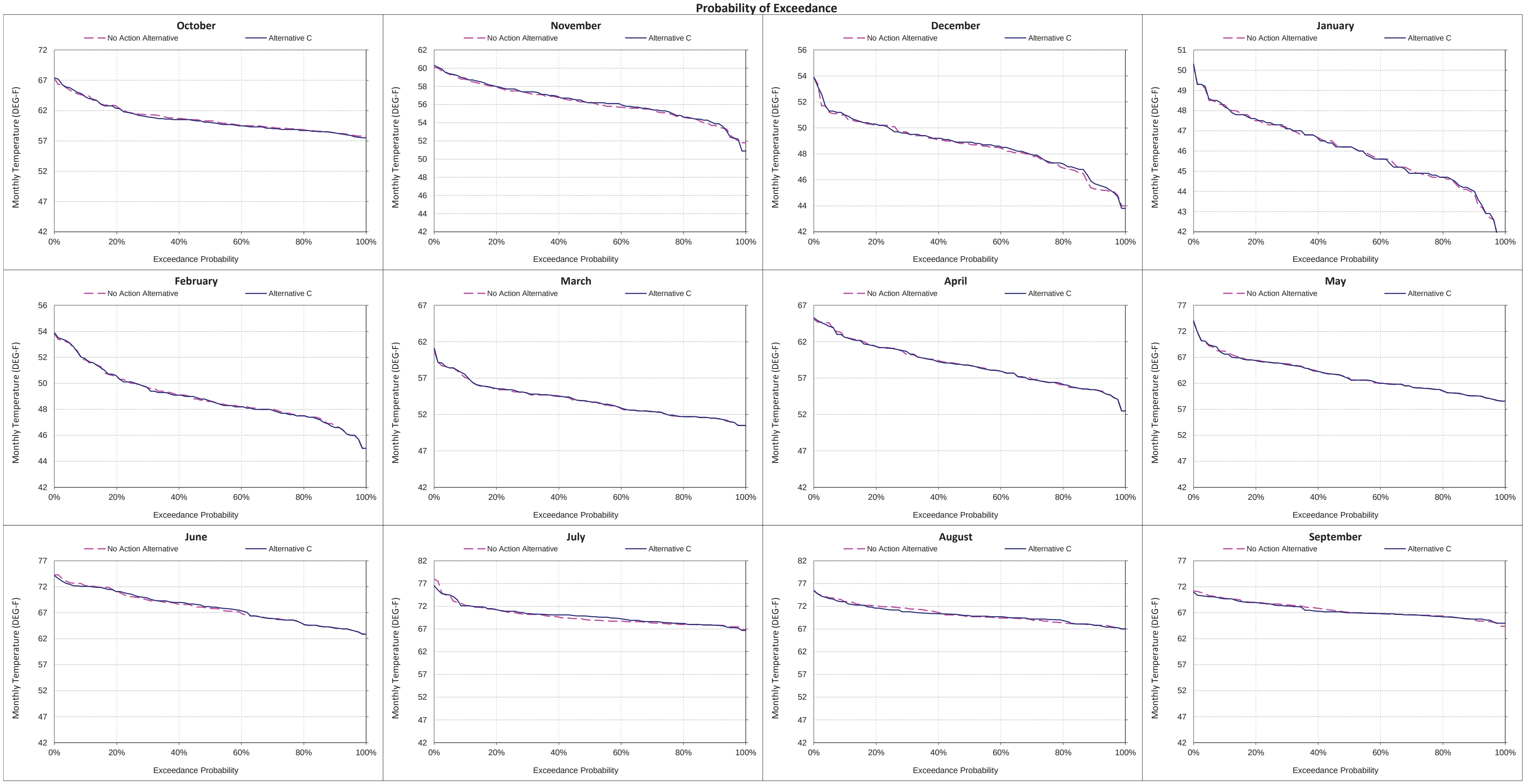


Table SQ-20-7b

American River at the Mouth, Monthly Temperature
Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.3	67.4	0.1	0.1%
1.2%	66.3	67.2	0.9	1.4%
2.5%	66.3	66.3	0.0	0.0%
3.7%	65.8	65.9	0.1	0.2%
4.9%	65.4	65.8	0.4	0.6%
6.2%	65.0	65.4	0.4	0.6%
7.4%	64.8	65.0	0.2	0.3%
8.6%	64.6	64.8	0.2	0.3%
9.9%	64.5	64.3	-0.2	-0.3%
11.1%	64.4	64.0	-0.4	-0.6%
12.3%	63.7	63.9	0.2	0.3%
13.6%	63.7	63.7	0.0	0.0%
14.8%	63.1	63.1	0.0	0.0%
16.0%	62.9	62.8	-0.1	-0.2%
17.3%	62.9	62.8	-0.1	-0.2%
18.5%	62.9	62.8	-0.1	-0.2%
19.8%	62.8	62.4	-0.4	-0.6%
21.0%	62.3	62.3	0.0	0.0%
22.2%	62.1	61.8	-0.3	-0.5%
23.5%	61.7	61.7	0.0	0.0%
24.7%	61.6	61.6	0.0	0.0%
25.9%	61.6	61.4	-0.2	-0.3%
27.2%	61.4	61.2	-0.2	-0.3%
28.4%	61.4	61.1	-0.3	-0.5%
29.6%	61.3	61.0	-0.3	-0.5%
30.9%	61.3	60.9	-0.4	-0.7%
32.1%	61.3	60.8	-0.5	-0.8%
33.3%	61.2	60.7	-0.5	-0.8%
34.6%	61.1	60.7	-0.4	-0.7%
35.8%	60.9	60.6	-0.3	-0.5%
37.0%	60.8	60.6	-0.2	-0.3%
38.3%	60.8	60.5	-0.3	-0.5%
39.5%	60.7	60.5	-0.2	-0.3%
40.7%	60.7	60.5	-0.2	-0.3%
42.0%	60.6	60.5	-0.1	-0.2%
43.2%	60.6	60.5	-0.1	-0.2%
44.4%	60.5	60.4	-0.1	-0.2%
45.7%	60.5	60.3	-0.2	-0.3%
46.9%	60.4	60.3	-0.1	-0.2%
48.1%	60.3	60.1	-0.2	-0.3%
49.4%	60.3	60.1	-0.2	-0.3%
50.6%	60.3	60.0	-0.3	-0.5%
51.9%	60.2	59.9	-0.3	-0.5%
53.1%	60.0	59.8	-0.2	-0.3%
54.3%	59.9	59.7	-0.2	-0.3%
55.6%	59.9	59.7	-0.2	-0.3%
56.8%	59.8	59.7	-0.1	-0.2%
58.0%	59.7	59.6	-0.1	-0.2%
59.3%	59.6	59.5	-0.1	-0.2%
60.5%	59.5	59.5	0.0	0.0%
61.7%	59.5	59.4	-0.1	-0.2%
63.0%	59.5	59.3	-0.2	-0.3%
64.2%	59.5	59.3	-0.2	-0.3%
65.4%	59.5	59.3	-0.2	-0.3%
66.7%	59.4	59.3	-0.1	-0.2%
67.9%	59.3	59.1	-0.2	-0.3%
69.1%	59.3	59.1	-0.2	-0.3%
70.4%	59.2	59.0	-0.2	-0.3%
71.6%	59.1	59.0	-0.1	-0.2%
72.8%	59.1	58.9	-0.2	-0.3%
74.1%	59.1	58.9	-0.2	-0.3%
75.3%	59.0	58.9	-0.1	-0.2%
76.5%	59.0	58.9	-0.1	-0.2%
77.8%	58.9	58.9	0.0	0.0%
79.0%	58.9	58.7	-0.2	-0.3%
80.2%	58.8	58.7	-0.1	-0.2%
81.5%	58.7	58.7	0.0	0.0%
82.7%	58.7	58.6	-0.1	-0.2%
84.0%	58.6	58.6	0.0	0.0%
85.2%	58.5	58.6	0.1	0.2%
86.4%	58.5	58.5	0.0	0.0%
87.7%	58.5	58.5	0.0	0.0%
88.9%	58.4	58.4	0.0	0.0%
90.1%	58.3	58.3	0.0	0.0%
91.4%	58.2	58.2	0.0	0.0%
92.6%	58.2	58.1	-0.1	-0.2%
93.8%	58.1	58.0	-0.1	-0.2%
95.1%	58.0	57.9	-0.1	-0.2%
96.3%	57.9	57.7	-0.2	-0.3%
97.5%	57.8	57.6	-0.2	-0.3%
98.8%	57.8	57.5	-0.3	-0.5%
100.0%	57.8	57.5	-0.3	-0.5%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.1	60.3	0.2	0.3%
1.2%	60.0	60.1	0.1	0.2%
2.5%	59.7	59.9	0.2	0.3%
3.7%	59.6	59.5	-0.1	-0.2%
4.9%	59.3	59.4	0.1	0.2%
6.2%	59.3	59.3	0.0	0.0%
7.4%	59.0	59.2	0.2	0.3%
8.6%	58.8	59.0	0.2	0.3%
9.9%	58.8	58.9	0.1	0.2%
11.1%	58.6	58.7	0.1	0.2%
12.3%	58.5	58.7	0.2	0.3%
13.6%	58.4	58.6	0.2	0.3%
14.8%	58.3	58.5	0.2	0.3%
16.0%	58.2	58.4	0.2	0.3%
17.3%	58.1	58.2	0.1	0.2%
18.5%	58.0	58.1	0.1	0.2%
19.8%	58.0	58.0	0.0	0.0%
21.0%	57.8	57.9	0.1	0.2%
22.2%	57.7	57.8	0.1	0.2%
23.5%	57.5	57.7	0.2	0.3%
24.7%	57.5	57.7	0.2	0.3%
25.9%	57.5	57.7	0.2	0.3%
27.2%	57.5	57.5	0.0	0.0%
28.4%	57.4	57.4	0.0	0.0%
29.6%	57.3	57.4	0.1	0.2%
30.9%	57.2	57.4	0.2	0.3%
32.1%	57.1	57.4	0.3	0.5%
33.3%	57.1	57.3	0.2	0.4%
34.6%	57.1	57.1	0.0	0.0%
35.8%	56.9	57.1	0.2	0.4%
37.0%	56.9	57.0	0.1	0.2%
38.3%	56.9	57.0	0.1	0.2%
39.5%	56.8	56.9	0.1	0.2%
40.7%	56.7	56.7	0.0	0.0%
42.0%	56.6	56.7	0.1	0.2%
43.2%	56.5	56.7	0.2	0.4%
44.4%	56.5	56.6	0.1	0.2%
45.7%	56.4	56.5	0.1	0.2%
46.9%	56.3	56.5	0.2	0.4%
48.1%	56.3	56.3	0.0	0.0%
49.4%	56.3	56.2	-0.1	-0.2%
50.6%	56.2	56.2	0.0	0.0%
51.9%	56.1	56.2	0.1	0.2%
53.1%	55.9	56.2	0.3	0.5%
54.3%	55.9	56.2	0.3	0.5%
55.6%	55.8	56.1	0.3	0.5%
56.8%	55.8	56.1	0.3	0.5%
58.0%	55.8	56.1	0.3	0.5%
59.3%	55.7	56.1	0.4	0.7%
60.5%	55.7	55.9	0.2	0.4%
61.7%	55.6	55.8	0.2	0.4%
63.0%	55.6	55.8	0.2	0.4%
64.2%	55.6	55.7	0.1	0.2%
65.4%	55.6	55.7	0.1	0.2%
66.7%	55.5	55.6	0.1	0.2%
67.9%	55.5	55.6	0.1	0.2%
69.1%	55.5	55.5	0.0	0.0%
70.4%	55.4	55.4	0.0	0.0%
71.6%	55.2	55.4	0.2	0.4%
72.8%	55.1	55.3	0.2	0.4%
74.1%	55.1	55.3	0.2	0.4%
75.3%	55.0	55.2	0.2	0.4%
76.5%	54.9	55.0	0.1	0.2%
77.8%	54.7	54.8	0.1	0.2%
79.0%	54.7	54.8	0.1	0.2%
80.2%	54.6	54.6	0.0	0.0%
81.5%	54.5	54.6	0.1	0.2%
82.7%	54.5	54.5	0.0	0.0%
84.0%	54.4	54.4	0.0	0.0%
85.2%	54.2	54.4	0.2	0.4%
86.4%	54.0	54.3	0.3	0.6%
87.7%	54.0	54.3	0.3	0.6%
88.9%	53.7	54.1	0.4	0.7%
90.1%	53.7	53.9	0.2	0.4%
91.4%	53.5	53.9	0.4	0.7%
92.6%	53.4	53.6	0.2	0.4%
93.8%	53.3	53.1	-0.2	-0.4%
95.1%	52.6	52.4	-0.2	-0.4%
96.3%	52.3	52.3	0.0	0.0%
97.5%	52.0	52.2	0.2	0.4%
98.8%	51.8	50.9	-0.9	-1.7%
100.0%	51.8	50.9	-0.9	-1.7%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.9	53.9	0.0	0.0%
1.2%	53.4	53.2	-0.2	-0.4%
2.5%	51.7	52.6	0.9	1.7%
3.7%	51.7	51.7	0.0	0.0%
4.9%	51.2	51.3	0.1	0.2%
6.2%	51.1	51.3	0.2	0.4%
7.4%	51.1	51.2	0.1	0.2%
8.6%	51.0	51.2	0.2	0.4%
9.9%	51.0	51.0	0.0	0.0%
11.1%	50.6	50.9	0.3	0.6%
12.3%	50.6	50.7	0.1	0.2%
13.6%	50.5	50.6	0.1	0.2%
14.8%	50.5	50.5	0.0	0.0%
16.0%	50.4	50.4	0.0	0.0%
17.3%	50.3	50.4	0.1	0.2%
18.5%	50.3	50.3	0.0	0.0%
19.8%	50.2	50.3	0.1	0.2%
21.0%	50.2	50.2	0.0	0.0%
22.2%	50.2	50.2	0.0	0.0%
23.5%	50.2	50.1	-0.1	-0.2%
24.7%	50.1	49.9	-0.2	-0.4%
25.9%	50.1	49.7	-0.4	-0.8%
27.2%	49.7	49.7	0.0	0.0%
28.4%	49.7	49.6	-0.1	-0.2%
29.6%	49.7	49.6	-0.1	-0.2%
30.9%	49.5	49.5	0.0	0.0%
32.1%	49.4	49.5	0.1	0.2%
33.3%	49.4	49.5	0.1	0.2%
34.6%	49.4	49.4	0.0	0.0%
35.8%	49.4	49.4	0.0	0.0%
37.0%	49.2	49.3	0.1	0.2%
38.3%	49.2	49.2	0.0	0.0%
39.5%	49.1	49.2	0.1	0.2%
40.7%	49.1	49.2	0.1	0.2%
42.0%	49.0	49.1	0.1	0.2%
43.2%	49.0	49.1	0.1	0.2%
44.4%	48.9	49.0	0.1	0.2%
45.7%	48.9	48.9	0.0	0.0%
46.9%	48.8	48.9	0.1	0.2%
48.1%	48.8	48.9	0.1	0.2%
49.4%	48.8	48.9	0.1	0.2%
50.6%	48.7	48.9	0.2	0.4%
51.9%	48.7	48.8	0.1	0.2%
53.1%	48.7	48.8	0.1	0.2%
54.3%	48.6	48.7	0.1	0.2%
55.6%	48.6	48.7	0.1	0.2%
56.8%	48.5	48.7	0.2	0.4%
58.0%	48.5	48.6	0.1	0.2%
59.3%	48.5	48.6	0.1	0.2%
60.5%	48.4	48.5	0.1	0.2%
61.7%	48.2	48.5	0.3	0.6%
63.0%	48.2	48.4	0.2	0.4%
64.2%	48.1	48.3	0.2	0.4%
65.4%	48.1	48.2	0.1	0.2%
66.7%	48.1	48.2	0.1	0.2%
67.9%	48.0	48.1	0.1	0.2%
69.1%	48.0	48.0	0.0	0.0%
70.4%	47.8	47.9	0.1	0.2%
71.6%	47.8	47.9	0.1	0.2%
72.8%	47.6	47.7	0.1	0.2%
74.1%	47.5	47.5	0.0	0.0%
75.3%	47.3	47.4	0.1	0.2%
76.5%	47.3	47.3	0.0	0.0%
77.8%	47.3	47.3	0.0	0.0%
79.0%	47.0	47.3	0.3	0.6%
80.2%	46.9	47.2	0.3	0.6%
81.5%	46.8	47.0	0.2	0.4%
82.7%	46.8	47.0	0.2	0.4%
84.0%	46.7	46.9	0.2	0.4%
85.2%	46.5	46.8	0.3	0.6%
86.4%	46.5	46.8	0.3	0.6%
87.7%	45.9	46.4	0.5	1.1%
88.9%	45.4	45.9	0.5	1.1%
90.1%	45.3	45.7	0.4	0.9%
91.4%	45.3	45.6	0.3	0.7%
92.6%	45.2	45.5	0.3	0.7%
93.8%	45.2	45.4	0.2	0.4%
95.1%	45.1	45.2	0.1	0.2%
96.3%	45.1	45.0	-0.1	-0.2%
97.5%	44.8	44.7	-0.1	-0.2%
98.8%	44.0	43.8	-0.2	-0.5%
100.0%	44.0	43.8	-0.2	-0.5%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.3	50.3	0.0	0.0%
1.2%	49.3	49.3	0.0	0.0%
2.5%	49.3	49.3	0.0	0.0%
3.7%	49.1	49.2	0.1	0.2%
4.9%	48.5	48.6	0.1	0.2%
6.2%	48.5	48.5	0.0	0.0%
7.4%	48.4	48.5	0.1	0.2%
8.6%	48.3	48.4	0.1	0.2%
9.9%	48.3	48.2	-0.1	-0.2%
11.1%	48.1	48.1	0.0	0.0%
12.3%	48.0	47.9	-0.1	-0.2%
13.6%	48.0	47.8	-0.2	-0.4%
14.8%	47.9	47.8	-0.1	-0.2%
16.0%	47.8	47.8	0.0	0.0%
17.3%	47.8	47.7	-0.1	-0.2%
18.5%	47.6	47.6	0.0	0.0%
19.8%	47.5	47.6	0.1	0.2%
21.0%	47.5	47.5	0.0	0.0%
22.2%	47.4	47.5	0.1	0.2%
23.5%	47.3	47.4	0.1	0.2%
24.7%	47.3	47.4	0.1	0.2%
25.9%	47.3	47.3	0.0	0.0%
27.2%	47.3	47.3	0.0	0.0%
28.4%	47.2	47.3	0.1	0.2%
29.6%	47.2	47.1	-0.1	-0.2%
30.9%	47.0	47.1	0.1	0.2%
32.1%	47.0	47.0	0.0	0.0%
33.3%	46.9	47.0	0.1	0.2%
34.6%	46.8	47.0	0.2	0.4%
35.8%	46.8	46.8	0.0	0.0%
37.0%	46.8	46.8	0.0	0.0%
38.3%	46.8	46.8	0.0	0.0%
39.5%	46.7	46.7	0.0	0.0%
40.7%	46.6	46.5	-0.1	-0.2%
42.0%	46.5	46.5	0.0	0.0%
43.2%	46.5	46.4	-0.1	-0.2%
44.4%	46.5	46.4	-0.1	-0.2%
45.7%	46.3	46.2	-0.1	-0.2%
46.9%	46.2	46.2	0.0	0.0%
48.1%	46.2	46.2	0.0	0.0%
49.4%	46.2	46.2	0.0	0.0%
50.6%	46.2	46.2	0.0	0.0%
51.9%	46.1	46.1	0.0	0.0%
53.1%	46.0	46.0	0.0	0.0%
54.3%	46.0	46.0	0.0	0.0%
55.6%	45.9	45.8	-0.1	-0.2%
56.8%	45.8	45.7	-0.1	-0.2%
58.0%	45.7	45.6	-0.1	-0.2%
59.3%	45.6	45.6	0.0	0.0%
60.5%	45.6	45.6	0.0	0.0%
61.7%	45.6	45.6	0.0	0.0%
63.0%	45.6	45.4	-0.2	-0.4%
64.2%	45.4	45.2	-0.2	-0.4%
65.4%	45.2	45.2	0.0	0.0%
66.7%	45.2	45.2	0.0	0.0%
67.9%	45.2	45.1	-0.1	-0.2%
69.1%	45.1	44.9	-0.2	-0.4%
70.4%	45.0	44.9	-0.1	-0.2%
71.6%	44.9	44.9	0.0	0.0%
72.8%	44.9	44.9	0.0	0.0%
74.1%	44.8	44.9	0.1	0.2%
75.3%	44.8	44.9	0.1	0.2%
76.5%	44.7	44.8	0.1	0.2%
77.8%	44.7	44.8	0.1	0.2%
79.0%	44.7	44.7	0.0	0.0%
80.2%	44.7	44.7	0.0	0.0%
81.5%	44.6	44.7	0.1	0.2%
82.7%	44.6	44.6	0.0	0.0%
84.0%	44.4	44.5	0.1	0.2%
85.2%	44.2	44.3	0.1	0.2%
86.4%	44.1	44.2	0.1	0.2%
87.7%	44.1	44.2	0.1	0.2%
88.9%	44.0	44.1	0.1	0.2%
90.1%	43.9	44.0	0.1	0.2%
91.4%	43.3	43.6	0.3	0.7%
92.6%	43.2	43.3	0.1	0.2%
93.8%	42.9	42.9	0.0	0.0%
95.1%	42.7	42.9	0.2	0.5%
96.3%	42.6	42.6	0.0	0.0%
97.5%	41.8	41.8	0.0	0.0%
98.8%	41.4	41.4	0.0	0.0%
100.0%	41.4	41.4	0.0	0.0%

Table SQ-20-7b

American River at the Mouth, Monthly Temperature

Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.8	53.9	0.1	0.2%
1.2%	53.4	53.5	0.1	0.2%
2.5%	53.3	53.4	0.1	0.2%
3.7%	53.2	53.3	0.1	0.2%
4.9%	53.1	53.1	0.0	0.0%
6.2%	52.7	52.8	0.1	0.2%
7.4%	52.5	52.4	-0.1	-0.2%
8.6%	51.9	52.0	0.1	0.2%
9.9%	51.8	51.9	0.1	0.2%
11.1%	51.7	51.6	-0.1	-0.2%
12.3%	51.5	51.6	0.1	0.2%
13.6%	51.4	51.4	0.0	0.0%
14.8%	51.3	51.2	-0.1	-0.2%
16.0%	50.8	51.0	0.2	0.4%
17.3%	50.7	50.7	0.0	0.0%
18.5%	50.6	50.7	0.1	0.2%
19.8%	50.6	50.6	0.0	0.0%
21.0%	50.3	50.3	0.0	0.0%
22.2%	50.3	50.1	-0.2	-0.4%
23.5%	50.1	50.1	0.0	0.0%
24.7%	50.0	50.1	0.1	0.2%
25.9%	50.0	50.0	0.0	0.0%
27.2%	49.9	49.9	0.0	0.0%
28.4%	49.8	49.8	0.0	0.0%
29.6%	49.7	49.7	0.0	0.0%
30.9%	49.6	49.4	-0.2	-0.4%
32.1%	49.6	49.4	-0.2	-0.4%
33.3%	49.4	49.3	-0.1	-0.2%
34.6%	49.4	49.3	-0.1	-0.2%
35.8%	49.3	49.3	0.0	0.0%
37.0%	49.3	49.2	-0.1	-0.2%
38.3%	49.2	49.1	-0.1	-0.2%
39.5%	49.1	49.1	0.0	0.0%
40.7%	49.1	49.1	0.0	0.0%
42.0%	49.1	49.0	-0.1	-0.2%
43.2%	49.0	49.0	0.0	0.0%
44.4%	48.8	49.0	0.2	0.4%
45.7%	48.8	48.9	0.1	0.2%
46.9%	48.7	48.8	0.1	0.2%
48.1%	48.7	48.8	0.1	0.2%
49.4%	48.6	48.7	0.1	0.2%
50.6%	48.6	48.6	0.0	0.0%
51.9%	48.5	48.5	0.0	0.0%
53.1%	48.4	48.4	0.0	0.0%
54.3%	48.4	48.3	-0.1	-0.2%
55.6%	48.3	48.3	0.0	0.0%
56.8%	48.3	48.3	0.0	0.0%
58.0%	48.3	48.2	-0.1	-0.2%
59.3%	48.2	48.2	0.0	0.0%
60.5%	48.2	48.2	0.0	0.0%
61.7%	48.2	48.1	-0.1	-0.2%
63.0%	48.1	48.1	0.0	0.0%
64.2%	48.1	48.0	-0.1	-0.2%
65.4%	48.0	48.0	0.0	0.0%
66.7%	48.0	48.0	0.0	0.0%
67.9%	48.0	48.0	0.0	0.0%
69.1%	48.0	48.0	0.0	0.0%
70.4%	48.0	47.9	-0.1	-0.2%
71.6%	47.9	47.8	-0.1	-0.2%
72.8%	47.8	47.7	-0.1	-0.2%
74.1%	47.7	47.7	0.0	0.0%
75.3%	47.7	47.6	-0.1	-0.2%
76.5%	47.6	47.6	0.0	0.0%
77.8%	47.6	47.5	-0.1	-0.2%
79.0%	47.5	47.5	0.0	0.0%
80.2%	47.5	47.5	0.0	0.0%
81.5%	47.4	47.4	0.0	0.0%
82.7%	47.4	47.4	0.0	0.0%
84.0%	47.4	47.3	-0.1	-0.2%
85.2%	47.3	47.2	-0.1	-0.2%
86.4%	47.1	47.0	-0.1	-0.2%
87.7%	46.9	46.9	0.0	0.0%
88.9%	46.9	46.7	-0.2	-0.4%
90.1%	46.7	46.6	-0.1	-0.2%
91.4%	46.6	46.6	0.0	0.0%
92.6%	46.4	46.4	0.0	0.0%
93.8%	46.1	46.1	0.0	0.0%
95.1%	46.0	46.0	0.0	0.0%
96.3%	46.0	46.0	0.0	0.0%
97.5%	45.7	45.7	0.0	0.0%
98.8%	45.0	45.0	0.0	0.0%
100.0%	45.0	45.0	0.0	0.0%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.8	61.1	0.3	0.5%
1.2%	59.2	59.2	0.0	0.0%
2.5%	58.7	59.1	0.4	0.7%
3.7%	58.6	58.6	0.0	0.0%
4.9%	58.4	58.4	0.0	0.0%
6.2%	58.4	58.4	0.0	0.0%
7.4%	58.0	58.1	0.1	0.2%
8.6%	57.5	57.8	0.3	0.5%
9.9%	57.1	57.5	0.4	0.7%
11.1%	56.9	56.9	0.0	0.0%
12.3%	56.4	56.4	0.0	0.0%
13.6%	56.1	56.1	0.0	0.0%
14.8%	56.0	55.9	-0.1	-0.2%
16.0%	55.9	55.9	0.0	0.0%
17.3%	55.8	55.8	0.0	0.0%
18.5%	55.7	55.7	0.0	0.0%
19.8%	55.4	55.6	0.2	0.4%
21.0%	55.4	55.5	0.1	0.2%
22.2%	55.4	55.5	0.1	0.2%
23.5%	55.4	55.4	0.0	0.0%
24.7%	55.2	55.4	0.2	0.4%
25.9%	55.1	55.3	0.2	0.4%
27.2%	55.1	55.1	0.0	0.0%
28.4%	55.0	55.1	0.1	0.2%
29.6%	55.0	55.0	0.0	0.0%
30.9%	54.7	54.8	0.1	0.2%
32.1%	54.7	54.8	0.1	0.2%
33.3%	54.7	54.8	0.1	0.2%
34.6%	54.7	54.7	0.0	0.0%
35.8%	54.7	54.7	0.0	0.0%
37.0%	54.6	54.7	0.1	0.2%
38.3%	54.6	54.6	0.0	0.0%
39.5%	54.6	54.5	-0.1	-0.2%
40.7%	54.5	54.5	0.0	0.0%
42.0%	54.4	54.4	0.0	0.0%
43.2%	54.3	54.4	0.1	0.2%
44.4%	54.0	54.2	0.2	0.4%
45.7%	54.0	54.0	0.0	0.0%
46.9%	53.9	53.9	0.0	0.0%
48.1%	53.9	53.9	0.0	0.0%
49.4%	53.7	53.8	0.1	0.2%
50.6%	53.7	53.7	0.0	0.0%
51.9%	53.7	53.7	0.0	0.0%
53.1%	53.5	53.6	0.1	0.2%
54.3%	53.3	53.4	0.1	0.2%
55.6%	53.3	53.4	0.1	0.2%
56.8%	53.2	53.3	0.1	0.2%
58.0%	53.2	53.2	0.0	0.0%
59.3%	53.0	53.0	0.0	0.0%
60.5%	52.7	52.8	0.1	0.2%
61.7%	52.6	52.7	0.1	0.2%
63.0%	52.6	52.6	0.0	0.0%
64.2%	52.6	52.6	0.0	0.0%
65.4%	52.5	52.5	0.0	0.0%
66.7%	52.5	52.5	0.0	0.0%
67.9%	52.5	52.5	0.0	0.0%
69.1%	52.4	52.4	0.0	0.0%
70.4%	52.4	52.4	0.0	0.0%
71.6%	52.4	52.3	-0.1	-0.2%
72.8%	52.3	52.3	0.0	0.0%
74.1%	52.1	52.1	0.0	0.0%
75.3%	51.9	51.9	0.0	0.0%
76.5%	51.8	51.9	0.1	0.2%
77.8%	51.8	51.8	0.0	0.0%
79.0%	51.7	51.7	0.0	0.0%
80.2%	51.7	51.7	0.0	0.0%
81.5%	51.7	51.7	0.0	0.0%
82.7%	51.7	51.7	0.0	0.0%
84.0%	51.7	51.7	0.0	0.0%
85.2%	51.6	51.6	0.0	0.0%
86.4%	51.6	51.6	0.0	0.0%
87.7%	51.6	51.6	0.0	0.0%
88.9%	51.5	51.5	0.0	0.0%
90.1%	51.5	51.5	0.0	0.0%
91.4%	51.4	51.4	0.0	0.0%
92.6%	51.3	51.3	0.0	0.0%
93.8%	51.1	51.2	0.1	0.2%
95.1%	51.0	51.0	0.0	0.0%
96.3%	50.9	50.9	0.0	0.0%
97.5%	50.5	50.5	0.0	0.0%
98.8%	50.5	50.5	0.0	0.0%
100.0%	50.5	50.5	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.1	65.3	0.2	0.3%
1.2%	64.7	64.9	0.2	0.3%
2.5%	64.7	64.6	-0.1	-0.2%
3.7%	64.6	64.4	-0.2	-0.3%
4.9%	64.6	64.1	-0.5	-0.8%
6.2%	63.7	64.0	0.3	0.5%
7.4%	63.4	63.0	-0.4	-0.6%
8.6%	63.3	63.0	-0.3	-0.5%
9.9%	62.7	62.6	-0.1	-0.2%
11.1%	62.5	62.5	0.0	0.0%
12.3%	62.4	62.3	-0.1	-0.2%
13.6%	62.3	62.2	-0.1	-0.2%
14.8%	62.2	62.2	0.0	0.0%
16.0%	62.0	61.7	-0.3	-0.5%
17.3%	61.7	61.6	-0.1	-0.2%
18.5%	61.6	61.5	-0.1	-0.2%
19.8%	61.4	61.4	0.0	0.0%
21.0%	61.2	61.2	0.0	0.0%
22.2%	61.2	61.2	0.0	0.0%
23.5%	61.1	61.2	0.1	0.2%
24.7%	61.1	61.1	0.0	0.0%
25.9%	61.1	61.0	-0.1	-0.2%
27.2%	60.9	60.9	0.0	0.0%
28.4%	60.7	60.8	0.1	0.2%
29.6%	60.3	60.7	0.4	0.7%
30.9%	60.2	60.3	0.1	0.2%
32.1%	60.2	60.3	0.1	0.2%
33.3%	59.9	59.9	0.0	0.0%
34.6%	59.8	59.8	0.0	0.0%
35.8%	59.7	59.7	0.0	0.0%
37.0%	59.6	59.6	0.0	0.0%
38.3%	59.6	59.5	-0.1	-0.2%
39.5%	59.5	59.3	-0.2	-0.3%
40.7%	59.3	59.2	-0.1	-0.2%
42.0%	59.2	59.1	-0.1	-0.2%
43.2%	59.1	59.1	0.0	0.0%
44.4%	59.1	59.0	-0.1	-0.2%
45.7%	59.0	58.9	-0.1	-0.2%
46.9%	58.9	58.9	0.0	0.0%
48.1%	58.8	58.8	0.0	0.0%
49.4%	58.8	58.8	0.0	0.0%
50.6%	58.7	58.7	0.0	0.0%
51.9%	58.6	58.6	0.0	0.0%
53.1%	58.5	58.4	-0.1	-0.2%
54.3%	58.4	58.3	-0.1	-0.2%
55.6%	58.3	58.2	-0.1	-0.2%
56.8%	58.1	58.1	0.0	0.0%
58.0%	58.1	58.1	0.0	0.0%
59.3%	58.0	58.0	0.0	0.0%
60.5%	57.9	57.9	0.0	0.0%
61.7%	57.7	57.7	0.0	0.0%
63.0%	57.7	57.7	0.0	0.0%
64.2%	57.7	57.7	0.0	0.0%
65.4%	57.2	57.2	0.0	0.0%
66.7%	57.1	57.2	0.1	0.2%
67.9%	57.1	57.1	0.0	0.0%
69.1%	57.1	56.8	-0.3	-0.5%
70.4%	56.8	56.8	0.0	0.0%
71.6%	56.8	56.7	-0.1	-0.2%
72.8%	56.6	56.6	0.0	0.0%
74.1%	56.5	56.5	0.0	0.0%
75.3%	56.4	56.4	0.0	0.0%
76.5%	56.4	56.4	0.0	0.0%
77.8%	56.3	56.4	0.1	0.2%
79.0%	56.1	56.3	0.2	0.4%
80.2%	56.1	56.1	0.0	0.0%
81.5%	55.8	56.0	0.2	0.4%
82.7%	55.7	55.8	0.1	0.2%
84.0%	55.7	55.7	0.0	0.0%
85.2%	55.6	55.6	0.0	0.0%
86.4%	55.5	55.5	0.0	0.0%
87.7%	55.5	55.5	0.0	0.0%
88.9%	55.4	55.4	0.0	0.0%
90.1%	55.4	55.4	0.0	0.0%
91.4%	55.3	55.3	0.0	0.0%
92.6%	55.2	55.1	-0.1	-0.2%
93.8%	54.8	54.8	0.0	0.0%
95.1%	54.7	54.7	0.0	0.0%
96.3%	54.3	54.3	0.0	0.0%
97.5%	54.1	54.1	0.0	0.0%
98.8%	52.5	52.5	0.0	0.0%
100.0%	52.5	52.5	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	74.1	73.9	-0.2	-0.3%
1.2%	71.8	71.9	0.1	0.1%
2.5%	70.3	70.2	-0.1	-0.1%
3.7%	70.0	70.1	0.1	0.1%
4.9%	69.2	69.4	0.2	0.3%
6.2%	69.0	69.2	0.2	0.3%
7.4%	68.3	69.0	0.7	1.0%
8.6%	68.2	68.0	-0.2	-0.3%
9.9%	68.2	67.6	-0.6	-0.9%
11.1%	67.9	67.6	-0.3	-0.4%
12.3%	67.5	67.0	-0.5	-0.7%
13.6%	67.2	66.9	-0.3	-0.4%
14.8%	67.1	66.9	-0.2	-0.3%
16.0%	66.8	66.6	-0.2	-0.3%
17.3%	66.5	66.5	0.0	0.0%
18.5%	66.5	66.5	0.0	0.0%
19.8%	66.4	66.4	0.0	0.0%
21.0%	66.4	66.2	-0.2	-0.3%
22.2%	66.2	66.1	-0.1	-0.2%
23.5%	66.2	66.1	-0.1	-0.2%
24.7%	66.0	66.0	0.0	0.0%
25.9%	65.9	65.9	0.0	0.0%
27.2%	65.9	65.9	0.0	0.0%
28.4%	65.8	65.8	0.0	0.0%
29.6%	65.8	65.6	-0.2	-0.3%
30.9%	65.7	65.5	-0.2	-0.3%
32.1%	65.6	65.4	-0.2	-0.3%
33.3%	65.4	65.3	-0.1	-0.2%
34.6%	65.3	65.2	-0.1	-0.2%
35.8%	64.9	64.9	0.0	0.0%
37.0%	64.7	64.8	0.1	0.2%
38.3%	64.6	64.4	-0.2	-0.3%
39.5%	64.4	64.3	-0.1	-0.2%
40.7%	64.1	64.2	0.1	0.2%
42.0%	64.0	64.0	0.0	0.0%
43.2%	63.8	63.8	0.0	0.0%
44.4%	63.8	63.8	0.0	0.0%
45.7%	63.7	63.7	0.0	0.0%
46.9%	63.6	63.6	0.0	0.0%
48.1%	63.4	63.3	-0.1	-0.2%
49.4%	63.3	63.0	-0.3	-0.5%
50.6%	62.6	62.6	0.0	0.0%
51.9%	62.6	62.6	0.0	0.0%
53.1%	62.6	62.6	0.0	0.0%
54.3%	62.6	62.6	0.0	0.0%
55.6%	62.6	62.6	0.0	0.0%
56.8%	62.5	62.5	0.0	0.0%
58.0%	62.1	62.3	0.2	0.3%
59.3%	62.1	62.0	-0.1	-0.2%
60.5%	62.0	62.0	0.0	0.0%
61.7%	62.0	61.9	-0.1	-0.2%
63.0%	61.9	61.8	-0.1	-0.2%
64.2%	61.8	61.8	0.0	0.0%
65.4%	61.8	61.8	0.0	0.0%
66.7%	61.8	61.8	0.0	0.0%
67.9%	61.5	61.5	0.0	0.0%
69.1%	61.5	61.5	0.0	0.0%
70.4%	61.2	61.2	0.0	0.0%
71.6%	61.1	61.1	0.0	0.0%
72.8%	61.1	61.1	0.0	0.0%
74.1%	61.0	61.0	0.0	0.0%
75.3%	61.0	61.0	0.0	0.0%
76.5%	60.9	60.9	0.0	0.0%
77.8%	60.8	60.8	0.0	0.0%
79.0%	60.7	60.8	0.1	0.2%
80.2%	60.5	60.5	0.0	0.0%
81.5%	60.2	60.2	0.0	0.0%
82.7%	60.2	60.2	0.0	0.0%
84.0%	60.1	60.1	0.0	0.0%
85.2%	60.1	60.1	0.0	0.0%
86.4%	59.9	59.9	0.0	0.0%
87.7%	59.7	59.7	0.0	0.0%
88.9%	59.6	59.6	0.0	0.0%
90.1%	59.6	59.6	0.0	0.0%
91.4%	59.6	59.6	0.0	0.0%
92.6%	59.5	59.5	0.0	0.0%
93.8%	59.2	59.2	0.0	0.0%
95.1%	59.1	59.1	0.0	0.0%
96.3%	58.9	58.9	0.0	0.0%
97.5%	58.7	58.7	0.0	0.0%
98.8%	58.6	58.6	0.0	0.0%
100.0%	58.6	58.6	0.0	0.0%

Table SQ-20-7b

American River at the Mouth, Monthly Temperature
Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	74.3	74.2	-0.1	-0.1%
1.2%	74.3	73.6	-0.7	-0.9%
2.5%	73.6	73.1	-0.5	-0.7%
3.7%	73.1	72.7	-0.4	-0.5%
4.9%	72.8	72.5	-0.3	-0.4%
6.2%	72.7	72.2	-0.5	-0.7%
7.4%	72.7	72.2	-0.5	-0.7%
8.6%	72.6	72.1	-0.5	-0.7%
9.9%	72.2	72.1	-0.1	-0.1%
11.1%	72.2	72.1	-0.1	-0.1%
12.3%	72.1	72.0	-0.1	-0.1%
13.6%	72.0	71.9	-0.1	-0.1%
14.8%	71.9	71.9	0.0	0.0%
16.0%	71.9	71.7	-0.2	-0.3%
17.3%	71.9	71.5	-0.4	-0.6%
18.5%	71.5	71.5	0.0	0.0%
19.8%	71.3	71.1	-0.2	-0.3%
21.0%	70.9	71.1	0.2	0.3%
22.2%	70.5	70.9	0.4	0.6%
23.5%	70.2	70.7	0.5	0.7%
24.7%	70.1	70.6	0.5	0.7%
25.9%	70.0	70.3	0.3	0.4%
27.2%	69.9	70.1	0.2	0.3%
28.4%	69.7	70.0	0.3	0.4%
29.6%	69.5	69.9	0.4	0.6%
30.9%	69.3	69.6	0.3	0.4%
32.1%	69.3	69.4	0.1	0.1%
33.3%	69.3	69.3	0.0	0.0%
34.6%	69.1	69.3	0.2	0.3%
35.8%	69.0	69.3	0.3	0.4%
37.0%	69.0	69.1	0.1	0.1%
38.3%	68.9	69.0	0.1	0.1%
39.5%	68.7	69.0	0.3	0.4%
40.7%	68.6	69.0	0.4	0.6%
42.0%	68.6	68.9	0.3	0.4%
43.2%	68.6	68.7	0.1	0.1%
44.4%	68.3	68.7	0.4	0.6%
45.7%	68.1	68.6	0.5	0.7%
46.9%	68.1	68.5	0.4	0.6%
48.1%	68.0	68.2	0.2	0.3%
49.4%	67.9	68.2	0.3	0.4%
50.6%	67.8	68.1	0.3	0.4%
51.9%	67.8	68.1	0.3	0.4%
53.1%	67.7	67.9	0.2	0.3%
54.3%	67.4	67.9	0.5	0.7%
55.6%	67.3	67.8	0.5	0.7%
56.8%	67.3	67.7	0.4	0.6%
58.0%	67.2	67.6	0.4	0.6%
59.3%	67.2	67.5	0.3	0.4%
60.5%	66.7	67.3	0.6	0.9%
61.7%	66.6	67.1	0.5	0.8%
63.0%	66.4	66.4	0.0	0.0%
64.2%	66.4	66.4	0.0	0.0%
65.4%	66.3	66.3	0.0	0.0%
66.7%	66.2	66.1	-0.1	-0.2%
67.9%	66.0	66.0	0.0	0.0%
69.1%	65.9	65.9	0.0	0.0%
70.4%	65.9	65.9	0.0	0.0%
71.6%	65.9	65.7	-0.2	-0.3%
72.8%	65.7	65.7	0.0	0.0%
74.1%	65.6	65.6	0.0	0.0%
75.3%	65.6	65.6	0.0	0.0%
76.5%	65.6	65.6	0.0	0.0%
77.8%	65.4	65.4	0.0	0.0%
79.0%	65.1	65.1	0.0	0.0%
80.2%	64.7	64.7	0.0	0.0%
81.5%	64.6	64.6	0.0	0.0%
82.7%	64.6	64.6	0.0	0.0%
84.0%	64.6	64.6	0.0	0.0%
85.2%	64.4	64.4	0.0	0.0%
86.4%	64.3	64.3	0.0	0.0%
87.7%	64.3	64.3	0.0	0.0%
88.9%	64.2	64.2	0.0	0.0%
90.1%	64.1	64.0	-0.1	-0.2%
91.4%	64.0	64.0	0.0	0.0%
92.6%	63.9	63.9	0.0	0.0%
93.8%	63.9	63.9	0.0	0.0%
95.1%	63.7	63.7	0.0	0.0%
96.3%	63.5	63.5	0.0	0.0%
97.5%	63.3	63.3	0.0	0.0%
98.8%	62.9	62.9	0.0	0.0%
100.0%	62.9	62.9	0.0	0.0%

July				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	78.0	76.5	-1.5	-1.9%
1.2%	77.5	75.6	-1.9	-2.5%
2.5%	74.9	74.8	-0.1	-0.1%
3.7%	74.5	74.6	0.1	0.1%
4.9%	74.5	74.5	0.0	0.0%
6.2%	73.1	74.1	1.0	1.4%
7.4%	72.9	73.4	0.5	0.7%
8.6%	72.7	72.1	-0.6	-0.8%
9.9%	72.2	72.1	-0.1	-0.1%
11.1%	72.1	72.1	0.0	0.0%
12.3%	71.9	72.0	0.1	0.1%
13.6%	71.8	71.9	0.1	0.1%
14.8%	71.8	71.9	0.1	0.1%
16.0%	71.6	71.8	0.2	0.3%
17.3%	71.4	71.5	0.1	0.1%
18.5%	71.4	71.5	0.1	0.1%
19.8%	71.3	71.3	0.0	0.0%
21.0%	71.1	71.1	0.0	0.0%
22.2%	71.0	70.9	-0.1	-0.1%
23.5%	70.7	70.9	0.2	0.3%
24.7%	70.6	70.9	0.3	0.4%
25.9%	70.6	70.9	0.3	0.4%
27.2%	70.4	70.7	0.3	0.4%
28.4%	70.3	70.6	0.3	0.4%
29.6%	70.2	70.4	0.2	0.3%
30.9%	70.2	70.4	0.2	0.3%
32.1%	70.2	70.3	0.1	0.1%
33.3%	70.2	70.3	0.1	0.1%
34.6%	70.1	70.2	0.1	0.1%
35.8%	69.9	70.2	0.3	0.4%
37.0%	69.8	70.1	0.3	0.4%
38.3%	69.7	70.1	0.4	0.6%
39.5%	69.7	70.1	0.4	0.6%
40.7%	69.5	70.1	0.6	0.9%
42.0%	69.4	70.1	0.7	1.0%
43.2%	69.4	70.1	0.7	1.0%
44.4%	69.3	70.0	0.7	1.0%
45.7%	69.3	69.9	0.6	0.9%
46.9%	69.3	69.9	0.6	0.9%
48.1%	69.1	69.9	0.8	1.2%
49.4%	69.0	69.8	0.8	1.2%
50.6%	68.9	69.7	0.8	1.2%
51.9%	68.9	69.7	0.8	1.2%
53.1%	68.9	69.6	0.7	1.0%
54.3%	68.8	69.6	0.8	1.2%
55.6%	68.8	69.6	0.8	1.2%
56.8%	68.7	69.4	0.7	1.0%
58.0%	68.7	69.4	0.7	1.0%
59.3%	68.7	69.3	0.6	0.9%
60.5%	68.7	69.2	0.5	0.7%
61.7%	68.6	69.1	0.5	0.7%
63.0%	68.6	68.9	0.3	0.4%
64.2%	68.6	68.9	0.3	0.4%
65.4%	68.6	68.9	0.3	0.4%
66.7%	68.6	68.7	0.1	0.1%
67.9%	68.4	68.7	0.3	0.4%
69.1%	68.4	68.6	0.2	0.3%
70.4%	68.3	68.6	0.3	0.4%
71.6%	68.3	68.6	0.3	0.4%
72.8%	68.2	68.5	0.3	0.4%
74.1%	68.2	68.4	0.2	0.3%
75.3%	68.1	68.4	0.3	0.4%
76.5%	68.1	68.3	0.2	0.3%
77.8%	68.1	68.3	0.2	0.3%
79.0%	68.0	68.2	0.2	0.3%
80.2%	68.0	68.2	0.2	0.3%
81.5%	68.0	68.0	0.0	0.0%
82.7%	68.0	68.0	0.0	0.0%
84.0%	68.0	68.0	0.0	0.0%
85.2%	67.9	68.0	0.1	0.1%
86.4%	67.9	67.9	0.0	0.0%
87.7%	67.9	67.9	0.0	0.0%
88.9%	67.9	67.9	0.0	0.0%
90.1%	67.8	67.8	0.0	0.0%
91.4%	67.8	67.8	0.0	0.0%
92.6%	67.8	67.7	-0.1	-0.1%
93.8%	67.6	67.4	-0.2	-0.3%
95.1%	67.5	67.3	-0.2	-0.3%
96.3%	67.5	67.3	-0.2	-0.3%
97.5%	67.5	67.2	-0.3	-0.4%
98.8%	66.9	66.7	-0.2	-0.3%
100.0%	66.9	66.7	-0.2	-0.3%

August				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	75.5	75.4	-0.1	-0.1%
1.2%	74.7	74.7	0.0	0.0%
2.5%	74.4	74.2	-0.2	-0.3%
3.7%	74.1	74.0	-0.1	-0.1%
4.9%	73.9	73.7	-0.2	-0.3%
6.2%	73.8	73.6	-0.2	-0.3%
7.4%	73.6	73.2	-0.4	-0.5%
8.6%	73.5	73.0	-0.5	-0.7%
9.9%	73.0	73.0	0.0	0.0%
11.1%	73.0	72.5	-0.5	-0.7%
12.3%	72.9	72.4	-0.5	-0.7%
13.6%	72.5	72.3	-0.2	-0.3%
14.8%	72.4	72.3	-0.1	-0.1%
16.0%	72.2	72.2	0.0	0.0%
17.3%	72.2	71.9	-0.3	-0.4%
18.5%	72.2	71.8	-0.4	-0.6%
19.8%	72.0	71.6	-0.4	-0.6%
21.0%	72.0	71.6	-0.4	-0.6%
22.2%	71.9	71.4	-0.5	-0.7%
23.5%	71.9	71.3	-0.6	-0.8%
24.7%	71.9	71.2	-0.7	-1.0%
25.9%	71.8	71.2	-0.6	-0.8%
27.2%	71.7	71.2	-0.5	-0.7%
28.4%	71.6	70.8	-0.8	-1.1%
29.6%	71.6	70.8	-0.8	-1.1%
30.9%	71.4	70.8	-0.6	-0.8%
32.1%	71.4	70.7	-0.7	-1.0%
33.3%	71.3	70.6	-0.7	-1.0%
34.6%	71.3	70.5	-0.8	-1.1%
35.8%	71.1	70.5	-0.6	-0.8%
37.0%	71.0	70.4	-0.6	-0.8%
38.3%	70.9	70.4	-0.5	-0.7%
39.5%	70.7	70.4	-0.3	-0.4%
40.7%	70.5	70.4	-0.1	-0.1%
42.0%	70.1	70.3	0.2	0.3%
43.2%	70.1	70.3	0.2	0.3%
44.4%	70.1	70.3	0.2	0.3%
45.7%	70.0	70.2	0.2	0.3%
46.9%	70.0	70.1	0.1	0.1%
48.1%	69.9	70.0	0.1	0.1%
49.4%	69.7	70.0	0.3	0.4%
50.6%	69.7	69.8	0.1	0.1%
51.9%	69.7	69.8	0.1	0.1%
53.1%	69.7	69.8	0.1	0.1%
54.3%	69.6	69.8	0.2	0.3%
55.6%	69.6	69.8	0.2	0.3%
56.8%	69.6	69.7	0.1	0.1%
58.0%	69.5	69.7	0.2	0.3%
59.3%	69.4	69.7	0.3	0.4%
60.5%	69.4	69.7	0.3	0.4%
61.7%	69.4	69.6	0.2	0.3%
63.0%	69.4	69.5	0.1	0.1%
64.2%	69.4	69.5	0.1	0.1%
65.4%	69.3	69.5	0.2	0.3%
66.7%	69.3	69.4	0.1	0.1%
67.9%	69.3	69.4	0.1	0.1%
69.1%	69.2	69.2	0.0	0.0%
70.4%	68.9	69.2	0.3	0.4%
71.6%	68.9	69.2	0.3	0.4%
72.8%	68.9	69.2	0.3	0.4%
74.1%	68.7	69.2	0.5	0.7%
75.3%	68.7	69.1	0.4	0.6%
76.5%	68.5	69.1	0.6	0.9%
77.8%	68.5	69.0	0.5	0.7%
79.0%	68.4	69.0	0.6	0.9%
80.2%	68.4	68.8	0.4	0.6%
81.5%	68.2	68.6	0.4	0.6%
82.7%	68.2	68.2	0.0	0.0%
84.0%	68.2	68.1	-0.1	-0.1%
85.2%	68.1	68.1	0.0	0.0%
86.4%	68.1	68.1	0.0	0.0%
87.7%	68.0	68.1	0.1	0.1%
88.9%	68.0	68.0	0.0	0.0%
90.1%	67.8	67.8	0.0	0.0%
91.4%	67.8	67.8	0.0	0.0%
92.6%	67.8	67.6	-0.2	-0.3%
93.8%	67.8	67.4	-0.4	-0.6%
95.1%	67.6	67.4	-0.2	-0.3%
96.3%	67.4	67.3	-0.1	-0.1%
97.5%	67.3	67.3	0.0	0.0%
98.8%	67.0	67.0	0.0	0.0%
100.0%	67.0	67.0	0.0	0.0%

September				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	71.2	71.0	-0.2	-0.3%
1.2%	71.1	70.4	-0.7	-1.0%
2.5%	70.9	70.3	-0.6	-0.8%
3.7%	70.6	70.2	-0.4	-0.6%
4.9%	70.3	70.1	-0.2	-0.3%
6.2%	70.2	70.1	-0.1	-0.1%
7.4%	70.1	70.0	-0.1	-0.1%
8.6%	70.0	69.8	-0.2	-0.3%
9.9%	69.8	69.7	-0.1	-0.1%
11.1%	69.7	69.7	0.0	0.0%
12.3%	69.6	69.7	0.1	0.1%
13.6%	69.6	69.4	-0.2	-0.3%
14.8%	69.5	69.2	-0.3	-0.4%
16.0%	69.1	69.1	0.0	0.0%
17.3%	69.1	69.0	-0.1	-0.1%
18.5%	69.0	69.0	0.0	0.0%
19.8%	69.0	69.0	0.0	0.0%
21.0%	69.0	68.9	-0.1	-0.1%
22.2%	68.9	68.8	-0.1	-0.1%
23.5%	68.7	68.8	0.1	0.1%
24.7%	68.7	68.7	0.0	0.0%
25.9%	68.7	68.5	-0.2	-0.3%
27.2%	68.7	68.4	-0.3	-0.4%
28.4%	68.6	68.4	-0.2	-0.3%
29.6%	68.5	68.3	-0.2	-0.3%
30.9%	68.5	68.3	-0.2	-0.3%
32.1%	68.4	68.2	-0.2	-0.3%
33.3%	68.4	68.2	-0.2	-0.3%
34.6%	68.3	68.1	-0.2	-0.3%
35.8%	68.1	67.5	-0.6	-0.9%
37.0%	68.0	67.5	-0.5	-0.7%
38.3%	68.0	67.4	-0.6	-0.9%
39.5%	67.9	67.3	-0.6	-0.9%
40.7%	67.8	67.3	-0.5	-0.7%
42.0%	67.7	67.2	-0.5	-0.7%
43.2%	67.6	67.2	-0.4	-0.6%
44.4%	67.5	67.2	-0.3	-0.4%
45.7%	67.4	67.2	-0.2	-0.3%
46.9%	67.3	67.2	-0.1	-0.1%
48.1%	67.2	67.1	-0.1	-0.1%
49.4%	67.1	67.0	-0.1	-0.1%
50.6%	67.1	67.0	-0.1	-0.1%
51.9%	67.0	67.0	0.0	0.0%
53.1%	67.0	67.0	0.0	0.0%
54.3%	67.0	66.9	-0.1	-0.1%
55.6%	66.9	66.9	0.0	0.0%
56.8%	66.9	66.9	0.0	0.0%
58.0%	66.9	66.9	0.0	0.0%
59.3%	66.8	66.9	0.1	0.1%
60.5%	66.8	66.8	0.0	0.0%
61.7%	66.8	66.8	0.0	0.0%
63.0%	66.7	66.8	0.1	0.1%
64.2%	66.7	66.8	0.1	0.1%
65.4%	66.7	66.7	0.0	0.0%
66.7%	66.7	66.7	0.0	0.0%
67.9%	66.6	66.6	0.0	0.0%
69.1%	66.6	66.6	0.0	0.0%
70.4%	66.6	66.6	0.0	0.0%
71.6%	66.6	66.6	0.0	0.0%
72.8%	66.5	66.5	0.0	0.0%
74.1%	66.5	66.5	0.0	0.0%
75.3%	66.5	66.4	-0.1	-0.2%
76.5%	66.5	66.4	-0.1	-0.2%
77.8%	66.4	66.3	-0.1	-0.2%
79.0%	66.4	66.3	-0.1	-0.2%
80.2%	66.4	66.2	-0.2	-0.3%
81.5%	66.2	66.2	0.0	0.0%
82.7%	66.2	66.2	0.0	0.0%
84.0%	66.1	66.1	0.0	0.0%
85.2%	66.0	66.0	0.0	0.0%
86.4%	65.9	65.9	0.0	0.0%
87.7%	65.8	65.9	0.1	0.2%
88.9%	65.8	65.8	0.0	0.0%
90.1%	65.6	65.8	0.2	0.3%
91.4%	65.4	65.8	0.4	0.6%
92.6%	65.4	65.8	0.4	0.6%
93.8%	65.3	65.6	0.3	0.5%
95.1%	65.3	65.6	0.3	0.5%
96.3%	65.2	65.2	0.0	0.0%
97.5%	64.9	65.0	0.1	0.2%
98.8%	64.4	65.0	0.6	0.9%
100.0%	64.4	65.0	0.6	0.9%

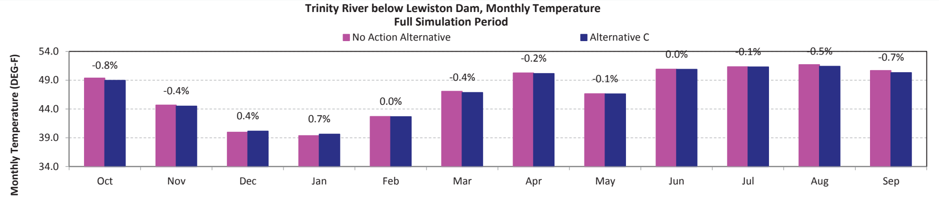
Table SQ-33-7a
Trinity River below Lewiston Dam, Monthly Temperature
Long-term Average and Average by Water Year Type

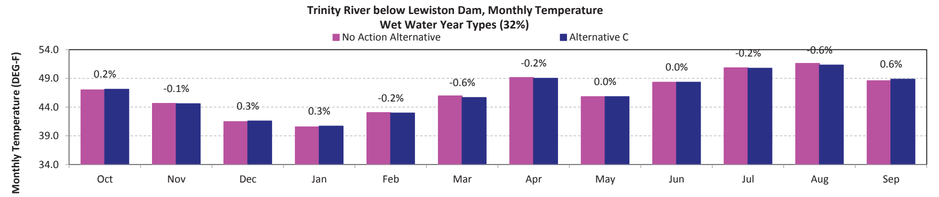
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	49.4	44.7	40.0	39.4	42.7	47.0	50.2	46.6	50.9	51.3	51.7	50.7
Alternative C	49.0	44.5	40.1	39.6	42.7	46.8	50.1	46.6	50.9	51.3	51.4	50.3
Difference	-0.4	-0.2	0.2	0.3	0.0	-0.2	-0.1	0.0	0.0	0.0	-0.3	-0.4
Percent Difference[3]	-0.8%	-0.4%	0.4%	0.7%	0.0%	-0.4%	-0.2%	-0.1%	0.0%	-0.1%	-0.5%	-0.7%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	47.0	44.6	41.5	40.6	43.0	45.9	49.1	45.8	48.3	50.8	51.6	48.6
Alternative C	47.1	44.6	41.6	40.7	43.0	45.7	49.0	45.8	48.3	50.8	51.3	48.8
Difference	0.1	0.0	0.1	0.1	-0.1	-0.3	-0.1	0.0	0.0	-0.1	-0.3	0.3
Percent Difference	0.2%	-0.1%	0.3%	0.3%	-0.2%	-0.6%	-0.2%	0.0%	0.0%	-0.2%	-0.6%	0.6%
Above Normal (15%)												
No Action Alternative	48.2	43.3	40.2	38.6	42.6	47.3	49.9	45.9	50.6	51.6	50.9	48.8
Alternative C	47.9	42.9	40.2	38.6	42.6	47.3	50.0	45.9	50.4	51.3	50.4	48.4
Difference	-0.4	-0.5	0.0	0.0	0.0	0.0	0.1	0.0	-0.3	-0.3	-0.5	-0.4
Percent Difference	-0.7%	-1.0%	0.0%	0.0%	0.0%	-0.1%	0.2%	-0.1%	-0.5%	-0.5%	-0.9%	-0.7%
Below Normal (17%)												
No Action Alternative	50.2	44.7	39.0	38.7	41.9	46.8	51.1	46.4	51.3	52.0	52.0	51.3
Alternative C	49.7	44.7	39.4	38.8	42.0	46.7	51.0	46.4	51.3	52.1	52.1	50.9
Difference	-0.5	0.0	0.4	0.1	0.0	-0.2	-0.1	0.0	0.0	0.1	0.0	-0.3
Percent Difference	-0.9%	0.1%	1.0%	0.3%	0.1%	-0.4%	-0.2%	0.0%	0.0%	0.2%	0.0%	-0.6%
Dry (22%)												
No Action Alternative	49.5	45.0	39.6	38.4	42.4	47.9	51.4	46.7	51.9	50.7	50.1	50.3
Alternative C	49.0	44.6	39.7	39.1	42.4	47.7	51.1	46.8	52.0	50.6	50.7	50.0
Difference	-0.4	-0.4	0.1	0.6	0.0	-0.2	-0.3	0.0	0.0	-0.1	0.5	-0.3
Percent Difference	-0.9%	-0.9%	0.3%	1.6%	0.0%	-0.5%	-0.6%	0.0%	0.1%	-0.2%	1.0%	-0.7%
Critical (15%)												
No Action Alternative	54.5	45.7	38.2	39.4	43.1	48.0	50.2	49.3	55.5	52.5	54.4	56.6
Alternative C	53.0	45.4	38.5	39.9	43.2	47.8	50.3	49.0	55.4	52.7	52.7	54.8
Difference	-1.5	-0.3	0.2	0.5	0.0	-0.2	0.0	-0.3	0.0	0.2	-1.7	-1.8
Percent Difference	-2.8%	-0.7%	0.6%	1.3%	0.1%	-0.4%	0.1%	-0.6%	0.0%	0.5%	-3.1%	-3.2%

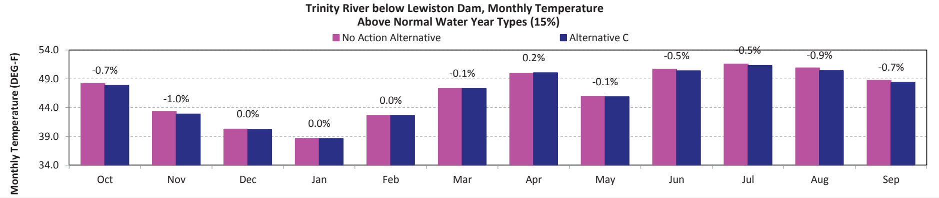
1 Based on the 82-year simulation period

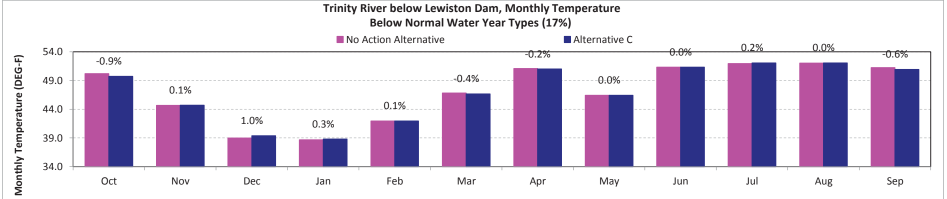
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

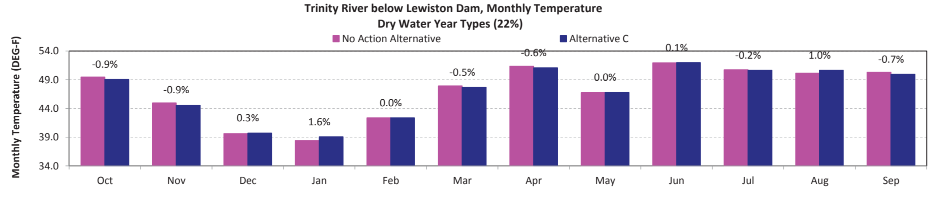
3 Relative difference of the monthly average


Trinity River below Lewiston Dam, Monthly Temperature
Full Simulation Period


Trinity River below Lewiston Dam, Monthly Temperature
Wet Water Year Types (32%)


Trinity River below Lewiston Dam, Monthly Temperature
Above Normal Water Year Types (15%)


Trinity River below Lewiston Dam, Monthly Temperature
Below Normal Water Year Types (17%)


Trinity River below Lewiston Dam, Monthly Temperature
Dry Water Year Types (22%)

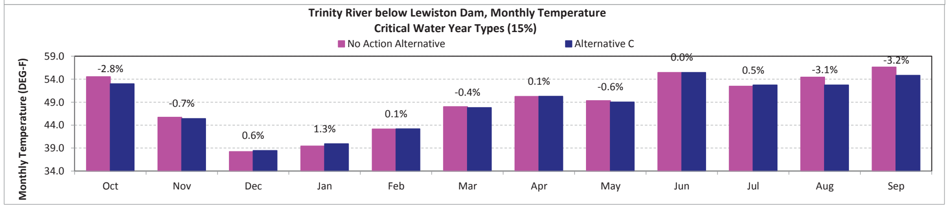

Trinity River below Lewiston Dam, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-33-7b
Trinity River below Lewiston Dam, Monthly Temperature
Probability of Exceedance

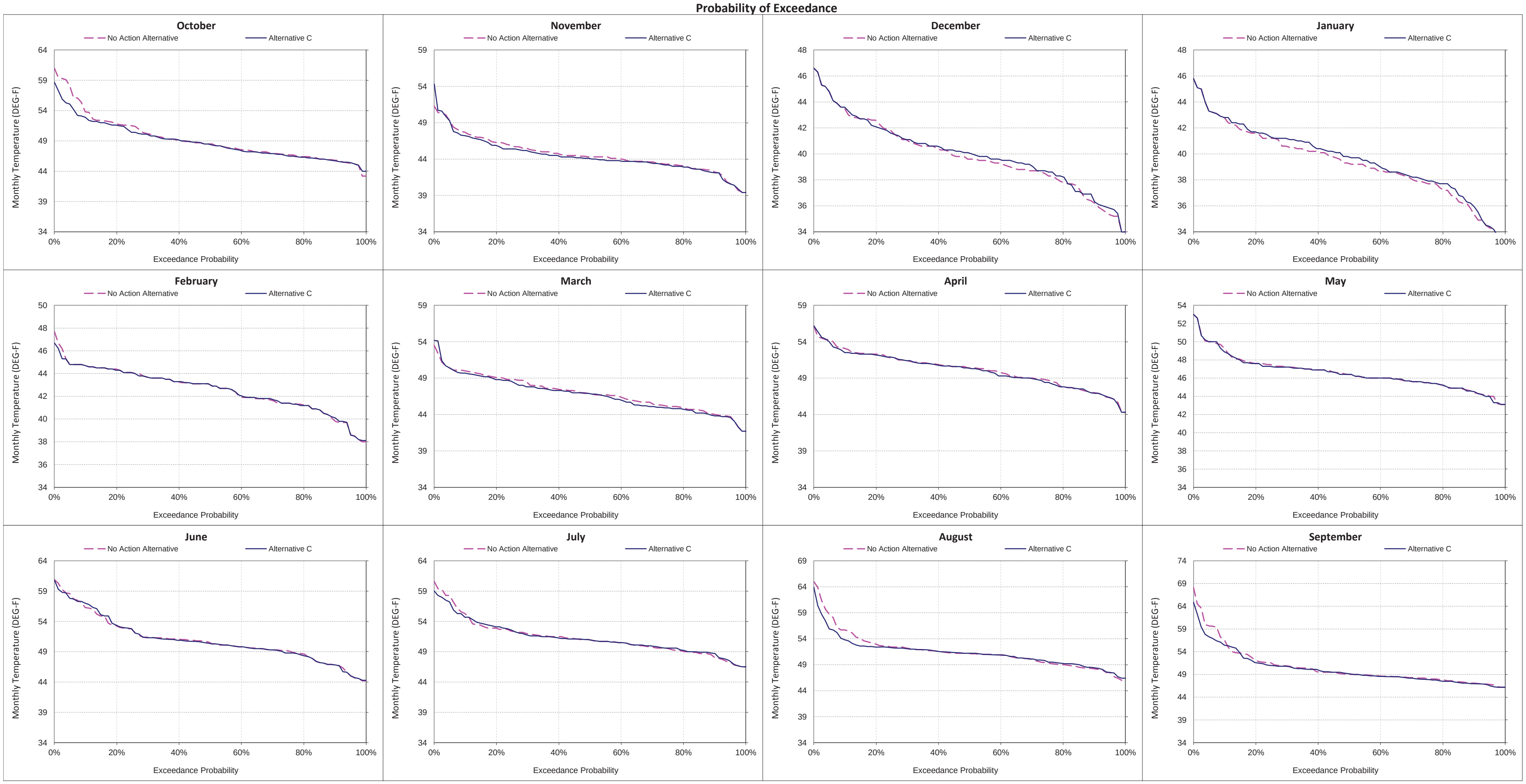


Table SQ-33-7b

Trinity River below Lewiston Dam, Monthly Temperature
Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	61.0	58.7	-2.3	-3.8%
1.2%	59.5	57.3	-2.2	-3.7%
2.5%	59.3	55.9	-3.4	-5.7%
3.7%	59.1	55.3	-3.8	-6.4%
4.9%	58.1	55.1	-3.0	-5.2%
6.2%	56.1	54.2	-1.9	-3.4%
7.4%	56.1	53.2	-2.9	-5.2%
8.6%	55.4	53.1	-2.3	-4.2%
9.9%	53.8	52.9	-0.9	-1.7%
11.1%	53.7	52.4	-1.3	-2.4%
12.3%	52.6	52.2	-0.4	-0.8%
13.6%	52.4	52.2	-0.2	-0.4%
14.8%	52.4	52.0	-0.4	-0.8%
16.0%	52.3	52.0	-0.3	-0.6%
17.3%	52.2	51.8	-0.4	-0.8%
18.5%	52.1	51.6	-0.5	-1.0%
19.8%	51.8	51.6	-0.2	-0.4%
21.0%	51.7	51.5	-0.2	-0.4%
22.2%	51.6	51.4	-0.2	-0.4%
23.5%	51.6	50.9	-0.7	-1.4%
24.7%	51.5	50.4	-1.1	-2.1%
25.9%	51.4	50.4	-1.0	-1.9%
27.2%	50.9	50.2	-0.7	-1.4%
28.4%	50.4	50.1	-0.3	-0.6%
29.6%	50.2	50.1	-0.1	-0.2%
30.9%	50.1	49.8	-0.3	-0.6%
32.1%	49.8	49.8	0.0	0.0%
33.3%	49.7	49.6	-0.1	-0.2%
34.6%	49.6	49.4	-0.2	-0.4%
35.8%	49.3	49.3	0.0	0.0%
37.0%	49.3	49.3	0.0	0.0%
38.3%	49.3	49.3	0.0	0.0%
39.5%	49.1	49.2	0.1	0.2%
40.7%	49.0	49.0	0.0	0.0%
42.0%	48.9	49.0	0.1	0.2%
43.2%	48.9	48.9	0.0	0.0%
44.4%	48.7	48.8	0.1	0.2%
45.7%	48.7	48.8	0.1	0.2%
46.9%	48.7	48.7	0.0	0.0%
48.1%	48.5	48.5	0.0	0.0%
49.4%	48.5	48.5	0.0	0.0%
50.6%	48.5	48.3	-0.2	-0.4%
51.9%	48.2	48.2	0.0	0.0%
53.1%	48.2	48.2	0.0	0.0%
54.3%	48.0	48.0	0.0	0.0%
55.6%	47.9	47.8	-0.1	-0.2%
56.8%	47.8	47.7	-0.1	-0.2%
58.0%	47.8	47.6	-0.2	-0.4%
59.3%	47.6	47.5	-0.1	-0.2%
60.5%	47.5	47.3	-0.2	-0.4%
61.7%	47.5	47.2	-0.3	-0.6%
63.0%	47.4	47.2	-0.2	-0.4%
64.2%	47.2	47.2	0.0	0.0%
65.4%	47.2	47.1	-0.1	-0.2%
66.7%	47.2	47.0	-0.2	-0.4%
67.9%	47.2	47.0	-0.2	-0.4%
69.1%	47.0	46.9	-0.1	-0.2%
70.4%	46.9	46.9	0.0	0.0%
71.6%	46.9	46.8	-0.1	-0.2%
72.8%	46.8	46.8	0.0	0.0%
74.1%	46.8	46.6	-0.2	-0.4%
75.3%	46.7	46.5	-0.2	-0.4%
76.5%	46.7	46.5	-0.2	-0.4%
77.8%	46.5	46.4	-0.1	-0.2%
79.0%	46.4	46.3	-0.1	-0.2%
80.2%	46.4	46.3	-0.1	-0.2%
81.5%	46.4	46.2	-0.2	-0.4%
82.7%	46.3	46.2	-0.1	-0.2%
84.0%	46.2	46.1	-0.1	-0.2%
85.2%	46.0	46.0	0.0	0.0%
86.4%	46.0	46.0	0.0	0.0%
87.7%	45.9	45.9	0.0	0.0%
88.9%	45.9	45.8	-0.1	-0.2%
90.1%	45.8	45.7	-0.1	-0.2%
91.4%	45.8	45.6	-0.2	-0.4%
92.6%	45.5	45.5	0.0	0.0%
93.8%	45.4	45.5	0.1	0.2%
95.1%	45.3	45.4	0.1	0.2%
96.3%	45.2	45.2	0.0	0.0%
97.5%	45.0	45.0	0.0	0.0%
98.8%	43.2	44.0	0.8	1.9%
100.0%	43.2	44.0	0.8	1.9%

November

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	51.3	54.3	3.0	5.8%
1.2%	50.4	50.7	0.3	0.6%
2.5%	50.3	50.6	0.3	0.6%
3.7%	50.1	49.9	-0.2	-0.4%
4.9%	49.3	49.3	0.0	0.0%
6.2%	48.4	47.8	-0.6	-1.2%
7.4%	48.1	47.6	-0.5	-1.0%
8.6%	47.8	47.3	-0.5	-1.0%
9.9%	47.7	47.2	-0.5	-1.0%
11.1%	47.4	47.1	-0.3	-0.6%
12.3%	47.3	46.9	-0.4	-0.8%
13.6%	47.0	46.8	-0.2	-0.4%
14.8%	47.0	46.7	-0.3	-0.6%
16.0%	46.9	46.5	-0.4	-0.9%
17.3%	46.7	46.3	-0.4	-0.9%
18.5%	46.4	45.9	-0.5	-1.1%
19.8%	46.3	45.9	-0.4	-0.9%
21.0%	46.3	45.7	-0.6	-1.3%
22.2%	46.2	45.4	-0.8	-1.7%
23.5%	46.0	45.4	-0.6	-1.3%
24.7%	45.9	45.4	-0.5	-1.1%
25.9%	45.7	45.4	-0.3	-0.7%
27.2%	45.7	45.3	-0.4	-0.9%
28.4%	45.5	45.2	-0.3	-0.7%
29.6%	45.5	45.2	-0.3	-0.7%
30.9%	45.3	45.0	-0.3	-0.7%
32.1%	45.2	44.9	-0.3	-0.7%
33.3%	45.1	44.8	-0.3	-0.7%
34.6%	45.0	44.7	-0.3	-0.7%
35.8%	45.0	44.7	-0.3	-0.7%
37.0%	45.0	44.5	-0.5	-1.1%
38.3%	44.8	44.5	-0.3	-0.7%
39.5%	44.8	44.5	-0.3	-0.7%
40.7%	44.6	44.3	-0.3	-0.7%
42.0%	44.5	44.3	-0.2	-0.4%
43.2%	44.5	44.3	-0.2	-0.4%
44.4%	44.5	44.3	-0.2	-0.4%
45.7%	44.5	44.2	-0.3	-0.7%
46.9%	44.4	44.2	-0.2	-0.5%
48.1%	44.4	44.1	-0.3	-0.7%
49.4%	44.3	44.1	-0.2	-0.5%
50.6%	44.3	44.0	-0.3	-0.7%
51.9%	44.3	44.0	-0.3	-0.7%
53.1%	44.3	43.9	-0.4	-0.9%
54.3%	44.3	43.9	-0.4	-0.9%
55.6%	44.3	43.8	-0.5	-1.1%
56.8%	44.1	43.8	-0.3	-0.7%
58.0%	44.1	43.8	-0.3	-0.7%
59.3%	44.0	43.8	-0.2	-0.5%
60.5%	44.0	43.7	-0.3	-0.7%
61.7%	43.8	43.7	-0.1	-0.2%
63.0%	43.7	43.7	0.0	0.0%
64.2%	43.7	43.7	0.0	0.0%
65.4%	43.7	43.6	-0.1	-0.2%
66.7%	43.7	43.6	-0.1	-0.2%
67.9%	43.7	43.6	-0.1	-0.2%
69.1%	43.6	43.5	-0.1	-0.2%
70.4%	43.6	43.4	-0.2	-0.5%
71.6%	43.4	43.4	0.0	0.0%
72.8%	43.4	43.3	-0.1	-0.2%
74.1%	43.3	43.2	-0.1	-0.2%
75.3%	43.3	43.2	-0.1	-0.2%
76.5%	43.2	43.0	-0.2	-0.5%
77.8%	43.2	43.0	-0.2	-0.5%
79.0%	43.1	43.0	-0.1	-0.2%
80.2%	43.1	42.9	-0.2	-0.5%
81.5%	42.9	42.9	0.0	0.0%
82.7%	42.7	42.7	0.0	0.0%
84.0%	42.7	42.6	-0.1	-0.2%
85.2%	42.6	42.6	0.0	0.0%
86.4%	42.6	42.4	-0.2	-0.5%
87.7%	42.5	42.3	-0.2	-0.5%
88.9%	42.5	42.2	-0.3	-0.7%
90.1%	42.2	42.1	-0.1	-0.2%
91.4%	42.1	42.1	0.0	0.0%
92.6%	41.7	41.2	-0.5	-1.2%
93.8%	40.9	40.8	-0.1	-0.2%
95.1%	40.6	40.6	0.0	0.0%
96.3%	40.4	40.4	0.0	0.0%
97.5%	39.7	39.9	0.2	0.5%
98.8%	39.5	39.4	-0.1	-0.3%
100.0%	39.5	39.4	-0.1	-0.3%

December

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	46.6	46.6	0.0	0.0%
1.2%	46.3	46.3	0.0	0.0%
2.5%	45.3	45.3	0.0	0.0%
3.7%	45.2	45.2	0.0	0.0%
4.9%	44.8	44.8	0.0	0.0%
6.2%	44.1	44.1	0.0	0.0%
7.4%	43.9	43.9	0.0	0.0%
8.6%	43.6	43.6	0.0	0.0%
9.9%	43.5	43.6	0.1	0.2%
11.1%	43.0	43.3	0.3	0.7%
12.3%	42.8	43.0	0.2	0.5%
13.6%	42.8	42.9	0.1	0.2%
14.8%	42.7	42.7	0.0	0.0%
16.0%	42.7	42.7	0.0	0.0%
17.3%	42.7	42.6	-0.1	-0.2%
18.5%	42.6	42.2	-0.4	-0.9%
19.8%	42.6	42.1	-0.5	-1.2%
21.0%	42.3	42.0	-0.3	-0.7%
22.2%	42.0	41.9	-0.1	-0.2%
23.5%	41.9	41.8	-0.1	-0.2%
24.7%	41.8	41.6	-0.2	-0.5%
25.9%	41.5	41.5	0.0	0.0%
27.2%	41.3	41.4	0.1	0.2%
28.4%	41.1	41.2	0.1	0.2%
29.6%	41.1	41.1	0.0	0.0%
30.9%	40.9	41.1	0.2	0.5%
32.1%	40.8	40.9	0.1	0.2%
33.3%	40.7	40.8	0.1	0.2%
34.6%	40.6	40.8	0.2	0.5%
35.8%	40.6	40.8	0.2	0.5%
37.0%	40.6	40.6	0.0	0.0%
38.3%	40.6	40.6	0.0	0.0%
39.5%	40.4	40.6	0.2	0.5%
40.7%	40.3	40.5	0.2	0.5%
42.0%	40.3	40.3	0.0	0.0%
43.2%	40.2	40.3	0.1	0.2%
44.4%	39.9	40.3	0.4	1.0%
45.7%	39.8	40.2	0.4	1.0%
46.9%	39.8	40.2	0.4	1.0%
48.1%	39.8	40.1	0.3	0.8%
49.4%	39.6	40.1	0.5	1.3%
50.6%	39.6	40.0	0.4	1.0%
51.9%	39.6	39.9	0.3	0.8%
53.1%	39.5	39.8	0.3	0.8%
54.3%	39.5	39.8	0.3	0.8%
55.6%	39.5	39.8	0.3	0.8%
56.8%	39.4	39.6	0.2	0.5%
58.0%	39.3	39.6	0.3	0.8%
59.3%	39.3	39.6	0.3	0.8%
60.5%	39.2	39.5	0.3	0.8%
61.7%	39.1	39.5	0.4	1.0%
63.0%	39.0	39.5	0.5	1.3%
64.2%	38.9	39.4	0.5	1.3%
65.4%	38.8	39.3	0.5	1.3%
66.7%	38.8	39.3	0.5	1.3%
67.9%	38.8	39.2	0.4	1.0%
69.1%	38.7	39.2	0.5	1.3%
70.4%	38.7	39.0	0.3	0.8%
71.6%	38.7	38.7	0.0	0.0%
72.8%	38.6	38.7	0.1	0.3%
74.1%	38.5	38.7	0.2	0.5%
75.3%	38.3	38.6	0.3	0.8%
76.5%	38.3	38.6	0.3	0.8%
77.8%	38.1	38.3	0.2	0.5%
79.0%	37.9	38.3	0.4	1.1%
80.2%	37.8	38.2	0.4	1.1%
81.5%	37.7	37.7	0.0	0.0%
82.7%	37.7	37.6	-0.1	-0.3%
84.0%	37.6	37.1	-0.5	-1.3%
85.2%	37.3	37.1	-0.2	-0.5%
86.4%	36.8	36.9	0.1	0.3%
87.7%	36.5	36.9	0.4	1.1%
88.9%	36.4	36.9	0.5	1.4%
90.1%	36.2	36.3	0.1	0.3%
91.4%	35.9	36.1	0.2	0.6%
92.6%	35.7	36.0	0.3	0.8%
93.8%	35.5	35.9	0.4	1.1%
95.1%	35.3	35.8	0.5	1.4%
96.3%	35.2	35.7	0.5	1.4%
97.5%	35.2	35.4	0.2	0.6%
98.8%	34.0	34.0	0.0	0.0%
100.0%	34.0	34.0	0.0	0.0%

January

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	45.8	45.8	0.0	0.0%
1.2%	45.1	45.1	0.0	0.0%
2.5%	45.0	45.0	0.0	0.0%
3.7%	44.0	44.0	0.0	0.0%
4.9%	43.3	43.3	0.0	0.0%
6.2%	43.2	43.2	0.0	0.0%
7.4%	43.1	43.1	0.0	0.0%
8.6%	42.9	42.9	0.0	0.0%
9.9%	42.8	42.8	0.0	0.0%
11.1%	42.4	42.8	0.4	0.9%
12.3%	42.3	42.4	0.1	0.2%
13.6%	42.2	42.4	0.2	0.5%
14.8%	41.9	42.3	0.4	1.0%
16.0%	41.8	42.3	0.5	1.2%
17.3%	41.7	41.9	0.2	0.5%
18.5%	41.6	41.7	0.1	0.2%
19.8%	41.6	41.7	0.1	0.2%
21.0%	41.5	41.6	0.1	0.2%
22.2%	41.2	41.6	0.4	1.0%
23.5%	41.2	41.5	0.3	0.7%
24.7%	41.2	41.3	0.1	0.2%
25.9%	41.2	41.2	0.0	0.0%
27.2%	41.1	41.2	0.1	0.2%
28.4%	40.6	41.2	0.6	1.5%
29.6%	40.6	41.2	0.6	1.5%
30.9%	40.5	41.1	0.6	1.5%
32.1%	40.5	41.1	0.6	1.5%
33.3%	40.4	41.0	0.6	1.5%
34.6%	40.4	41.0	0.6	1.5%
35.8%	40.3	40.9	0.6	1.5%
37.0%	40.2	40.9	0.7	1.7%
38.3%	40.2	40.6	0.4	1.0%
39.5%	40.2	40.4	0.2	0.5%
40.7%	40.1	40.4	0.3	0.7%
42.0%	40.1	40.3	0.2	0.5%
43.2%	39.9	40.2	0.3	0.8%
44.4%	39.8	40.2	0.4	1.0%
45.7%	39.7	40.1	0.4	1.0%
46.9%	39.6	40.1	0.5	1.3%
48.1%	39.3	39.8	0.5	1.3%
49.4%	39.3	39.8	0.5	1.3%
50.6%	39.2	39.7	0.5	1.3%
51.9%	39.2	39.7	0.5	1.3%
53.1%	39.2	39.7	0.5	1.3%
54.3%	39.2	39.5	0.3	0.8%
55.6%	39.0	39.5	0.5	1.3%
56.8%	38.9	39.3	0.4	1.0%
58.0%	38.9	39.3	0.4	1.0%
59.3%	38.7	39.1	0.4	1.0%
60.5%	38.7	38.9	0.2	0.5%
61.7%	38.6	38.8	0.2	0.5%
63.0%	38.6	38.6	0.0	0.0%
64.2%	38.6	38.6	0.0	0.0%
65.4%	38.5	38.6	0.1	0.3%
66.7%	38.4	38.5	0.1	0.3%
67.9%	38.3	38.4	0.1	0.3%
69.1%	38.2	38.3	0.1	0.3%
70.4%	38.0	38.2	0.2	0.5%
71.6%	37.9	38.2	0.3	0.8%
72.8%	37.9	38.1	0.2	0.5%
74.1%	37.8	38.0	0.2	0.5%
75.3%	37.7	37.9	0.2	0.5%
76.5%	37.7	37.9	0.2	0.5%
77.8%	37.7	37.8	0.1	0.3%
79.0%	37.4	37.7	0.3	0.8%
80.2%	37.2	37.7	0.5	1.3%
81.5%	37.2	37.7	0.5	1.3%
82.7%	36.8	37.4	0.6	1.6%
84.0%	36.7	37.3	0.6	1.6%
85.2%	36.3	36.8	0.5	1.4%
86.4%	36.2	36.7	0.5	1.4%
87.7%	36.2	36.3	0.1	0.3%
88.9%	35.8	36.2	0.4	1.1%
90.1%	35.3	35.9	0.6	1.7%
91.4%	34.9	35.5	0.6	1.7%
92.6%	34.9	34.9	0.0	0.0%
93.8%	34.5	34.5	0.0	0.0%
95.1%	34.3	34.4	0.1	0.3%
96.3%	34.2	34.2	0.0	0.0%
97.5%	33.7	33.7	0.0	0.0%
98.8%	29.5	29.5	0.0	0.0%
100.0%	29.5	29.5	0.0	0.0%

Table SQ-33-7b

Trinity River below Lewiston Dam, Monthly Temperature
Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.7	46.7	-1.0	-2.1%
1.2%	46.7	46.2	-0.5	-1.1%
2.5%	46.2	45.3	-0.9	-1.9%
3.7%	45.3	45.3	0.0	0.0%
4.9%	44.8	44.8	0.0	0.0%
6.2%	44.8	44.8	0.0	0.0%
7.4%	44.8	44.8	0.0	0.0%
8.6%	44.8	44.8	0.0	0.0%
9.9%	44.7	44.7	0.0	0.0%
11.1%	44.6	44.6	0.0	0.0%
12.3%	44.6	44.6	0.0	0.0%
13.6%	44.5	44.5	0.0	0.0%
14.8%	44.5	44.5	0.0	0.0%
16.0%	44.5	44.5	0.0	0.0%
17.3%	44.4	44.4	0.0	0.0%
18.5%	44.4	44.4	0.0	0.0%
19.8%	44.4	44.3	-0.1	-0.2%
21.0%	44.3	44.3	0.0	0.0%
22.2%	44.1	44.1	0.0	0.0%
23.5%	44.1	44.1	0.0	0.0%
24.7%	44.1	44.1	0.0	0.0%
25.9%	44.0	44.0	0.0	0.0%
27.2%	44.0	43.8	-0.2	-0.5%
28.4%	43.8	43.8	0.0	0.0%
29.6%	43.7	43.7	0.0	0.0%
30.9%	43.6	43.6	0.0	0.0%
32.1%	43.6	43.6	0.0	0.0%
33.3%	43.6	43.6	0.0	0.0%
34.6%	43.6	43.6	0.0	0.0%
35.8%	43.5	43.5	0.0	0.0%
37.0%	43.5	43.5	0.0	0.0%
38.3%	43.3	43.3	0.0	0.0%
39.5%	43.3	43.3	0.0	0.0%
40.7%	43.2	43.3	0.1	0.2%
42.0%	43.2	43.2	0.0	0.0%
43.2%	43.2	43.2	0.0	0.0%
44.4%	43.1	43.1	0.0	0.0%
45.7%	43.1	43.1	0.0	0.0%
46.9%	43.1	43.1	0.0	0.0%
48.1%	43.1	43.1	0.0	0.0%
49.4%	43.1	43.1	0.0	0.0%
50.6%	42.9	42.9	0.0	0.0%
51.9%	42.9	42.9	0.0	0.0%
53.1%	42.7	42.7	0.0	0.0%
54.3%	42.7	42.7	0.0	0.0%
55.6%	42.7	42.7	0.0	0.0%
56.8%	42.6	42.6	0.0	0.0%
58.0%	42.4	42.4	0.0	0.0%
59.3%	42.0	42.1	0.1	0.2%
60.5%	41.9	42.0	0.1	0.2%
61.7%	41.9	41.9	0.0	0.0%
63.0%	41.9	41.9	0.0	0.0%
64.2%	41.8	41.9	0.1	0.2%
65.4%	41.8	41.8	0.0	0.0%
66.7%	41.8	41.8	0.0	0.0%
67.9%	41.7	41.8	0.1	0.2%
69.1%	41.7	41.8	0.1	0.2%
70.4%	41.6	41.7	0.1	0.2%
71.6%	41.4	41.6	0.2	0.5%
72.8%	41.4	41.4	0.0	0.0%
74.1%	41.4	41.4	0.0	0.0%
75.3%	41.4	41.4	0.0	0.0%
76.5%	41.4	41.3	-0.1	-0.2%
77.8%	41.3	41.3	0.0	0.0%
79.0%	41.3	41.2	-0.1	-0.2%
80.2%	41.2	41.2	0.0	0.0%
81.5%	41.2	41.2	0.0	0.0%
82.7%	40.9	40.9	0.0	0.0%
84.0%	40.9	40.9	0.0	0.0%
85.2%	40.8	40.8	0.0	0.0%
86.4%	40.5	40.5	0.0	0.0%
87.7%	40.4	40.4	0.0	0.0%
88.9%	40.1	40.2	0.1	0.2%
90.1%	39.8	40.1	0.3	0.8%
91.4%	39.7	39.8	0.1	0.3%
92.6%	39.7	39.8	0.1	0.3%
93.8%	39.7	39.7	0.0	0.0%
95.1%	38.6	38.6	0.0	0.0%
96.3%	38.5	38.5	0.0	0.0%
97.5%	38.2	38.2	0.0	0.0%
98.8%	38.0	38.1	0.1	0.3%
100.0%	38.0	38.1	0.1	0.3%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.5	54.2	0.7	1.3%
1.2%	52.4	54.1	1.7	3.2%
2.5%	51.2	51.4	0.2	0.4%
3.7%	50.7	50.7	0.0	0.0%
4.9%	50.4	50.4	0.0	0.0%
6.2%	50.1	50.1	0.0	0.0%
7.4%	50.1	49.8	-0.3	-0.6%
8.6%	50.1	49.7	-0.4	-0.8%
9.9%	50.0	49.7	-0.3	-0.6%
11.1%	49.9	49.6	-0.3	-0.6%
12.3%	49.8	49.5	-0.3	-0.6%
13.6%	49.7	49.4	-0.3	-0.6%
14.8%	49.6	49.3	-0.3	-0.6%
16.0%	49.4	49.2	-0.2	-0.4%
17.3%	49.3	49.2	-0.1	-0.2%
18.5%	49.2	49.0	-0.2	-0.4%
19.8%	49.1	48.8	-0.3	-0.6%
21.0%	49.1	48.8	-0.3	-0.6%
22.2%	49.0	48.7	-0.3	-0.6%
23.5%	48.8	48.7	-0.1	-0.2%
24.7%	48.8	48.6	-0.2	-0.4%
25.9%	48.8	48.3	-0.5	-1.0%
27.2%	48.7	48.0	-0.7	-1.4%
28.4%	48.7	48.0	-0.7	-1.4%
29.6%	48.5	47.8	-0.7	-1.4%
30.9%	48.0	47.8	-0.2	-0.4%
32.1%	48.0	47.8	-0.2	-0.4%
33.3%	47.9	47.6	-0.3	-0.6%
34.6%	47.9	47.6	-0.3	-0.6%
35.8%	47.6	47.5	-0.1	-0.2%
37.0%	47.6	47.4	-0.2	-0.4%
38.3%	47.6	47.3	-0.3	-0.6%
39.5%	47.5	47.3	-0.2	-0.4%
40.7%	47.4	47.3	-0.1	-0.2%
42.0%	47.4	47.2	-0.2	-0.4%
43.2%	47.3	47.2	-0.1	-0.2%
44.4%	47.3	47.0	-0.3	-0.6%
45.7%	47.2	47.0	-0.2	-0.4%
46.9%	47.0	47.0	0.0	0.0%
48.1%	47.0	46.9	-0.1	-0.2%
49.4%	46.9	46.9	0.0	0.0%
50.6%	46.8	46.8	0.0	0.0%
51.9%	46.7	46.8	0.1	0.2%
53.1%	46.7	46.7	0.0	0.0%
54.3%	46.7	46.6	-0.1	-0.2%
55.6%	46.7	46.5	-0.2	-0.4%
56.8%	46.6	46.3	-0.3	-0.6%
58.0%	46.6	46.1	-0.5	-1.1%
59.3%	46.5	46.1	-0.4	-0.9%
60.5%	46.3	45.9	-0.4	-0.9%
61.7%	46.1	45.7	-0.4	-0.9%
63.0%	46.0	45.7	-0.3	-0.7%
64.2%	45.9	45.3	-0.6	-1.3%
65.4%	45.8	45.3	-0.5	-1.1%
66.7%	45.7	45.2	-0.5	-1.1%
67.9%	45.7	45.2	-0.5	-1.1%
69.1%	45.7	45.1	-0.6	-1.3%
70.4%	45.4	45.1	-0.3	-0.7%
71.6%	45.3	45.0	-0.3	-0.7%
72.8%	45.3	45.0	-0.3	-0.7%
74.1%	45.2	44.9	-0.3	-0.7%
75.3%	45.1	44.9	-0.2	-0.4%
76.5%	45.1	44.8	-0.3	-0.7%
77.8%	45.1	44.8	-0.3	-0.7%
79.0%	45.0	44.8	-0.2	-0.4%
80.2%	44.9	44.7	-0.2	-0.4%
81.5%	44.7	44.6	-0.1	-0.2%
82.7%	44.7	44.6	-0.1	-0.2%
84.0%	44.7	44.2	-0.5	-1.1%
85.2%	44.6	44.2	-0.4	-0.9%
86.4%	44.5	44.2	-0.3	-0.7%
87.7%	44.2	44.1	-0.1	-0.2%
88.9%	44.1	43.9	-0.2	-0.5%
90.1%	44.0	43.8	-0.2	-0.5%
91.4%	43.9	43.8	-0.1	-0.2%
92.6%	43.8	43.7	-0.1	-0.2%
93.8%	43.8	43.7	-0.1	-0.2%
95.1%	43.7	43.6	-0.1	-0.2%
96.3%	43.1	43.1	0.0	0.0%
97.5%	42.3	42.3	0.0	0.0%
98.8%	41.7	41.7	0.0	0.0%
100.0%	41.7	41.7	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.2	56.2	0.0	0.0%
1.2%	54.7	55.4	0.7	1.3%
2.5%	54.5	54.6	0.1	0.2%
3.7%	54.3	54.4	0.1	0.2%
4.9%	54.3	54.0	-0.3	-0.6%
6.2%	54.0	53.3	-0.7	-1.3%
7.4%	53.3	53.1	-0.2	-0.4%
8.6%	53.2	52.9	-0.3	-0.6%
9.9%	53.1	52.5	-0.6	-1.1%
11.1%	52.9	52.5	-0.4	-0.8%
12.3%	52.5	52.4	-0.1	-0.2%
13.6%	52.5	52.4	-0.1	-0.2%
14.8%	52.4	52.3	-0.1	-0.2%
16.0%	52.4	52.3	-0.1	-0.2%
17.3%	52.3	52.3	0.0	0.0%
18.5%	52.3	52.3	0.0	0.0%
19.8%	52.3	52.2	-0.1	-0.2%
21.0%	52.3	52.1	-0.2	-0.4%
22.2%	52.2	52.0	-0.2	-0.4%
23.5%	51.9	51.9	0.0	0.0%
24.7%	51.8	51.9	0.1	0.2%
25.9%	51.8	51.8	0.0	0.0%
27.2%	51.5	51.6	0.1	0.2%
28.4%	51.5	51.5	0.0	0.0%
29.6%	51.4	51.4	0.0	0.0%
30.9%	51.3	51.4	0.1	0.2%
32.1%	51.2	51.2	0.0	0.0%
33.3%	51.2	51.1	-0.1	-0.2%
34.6%	51.1	51.0	-0.1	-0.2%
35.8%	51.1	51.0	-0.1	-0.2%
37.0%	51.0	51.0	0.0	0.0%
38.3%	51.0	50.9	-0.1	-0.2%
39.5%	50.9	50.8	-0.1	-0.2%
40.7%	50.8	50.7	-0.1	-0.2%
42.0%	50.7	50.7	0.0	0.0%
43.2%	50.7	50.7	0.0	0.0%
44.4%	50.6	50.6	0.0	0.0%
45.7%	50.6	50.6	0.0	0.0%
46.9%	50.6	50.6	0.0	0.0%
48.1%	50.6	50.4	-0.2	-0.4%
49.4%	50.4	50.4	0.0	0.0%
50.6%	50.4	50.3	-0.1	-0.2%
51.9%	50.4	50.3	-0.1	-0.2%
53.1%	50.3	50.2	-0.1	-0.2%
54.3%	50.3	50.0	-0.3	-0.6%
55.6%	50.1	50.0	-0.1	-0.2%
56.8%	50.0	49.8	-0.2	-0.4%
58.0%	50.0	49.7	-0.3	-0.6%
59.3%	49.9	49.3	-0.6	-1.2%
60.5%	49.7	49.3	-0.4	-0.8%
61.7%	49.6	49.3	-0.3	-0.6%
63.0%	49.3	49.2	-0.1	-0.2%
64.2%	49.3	49.1	-0.2	-0.4%
65.4%	49.1	49.1	0.0	0.0%
66.7%	49.1	49.0	-0.1	-0.2%
67.9%	49.0	49.0	0.0	0.0%
69.1%	49.0	49.0	0.0	0.0%
70.4%	49.0	48.9	-0.1	-0.2%
71.6%	48.9	48.8	-0.1	-0.2%
72.8%	48.9	48.7	-0.2	-0.4%
74.1%	48.8	48.4	-0.4	-0.8%
75.3%	48.7	48.4	-0.3	-0.6%
76.5%	48.5	48.2	-0.3	-0.6%
77.8%	48.4	48.0	-0.4	-0.8%
79.0%	47.9	47.8	-0.1	-0.2%
80.2%	47.8	47.8	0.0	0.0%
81.5%	47.7	47.7	0.0	0.0%
82.7%	47.7	47.7	0.0	0.0%
84.0%	47.5	47.6	0.1	0.2%
85.2%	47.5	47.5	0.0	0.0%
86.4%	47.3	47.5	0.2	0.4%
87.7%	47.2	47.2	0.0	0.0%
88.9%	47.0	47.0	0.0	0.0%
90.1%	47.0	46.9	-0.1	-0.2%
91.4%	46.9	46.9	0.0	0.0%
92.6%	46.7	46.7	0.0	0.0%
93.8%	46.4	46.5	0.1	0.2%
95.1%	46.3	46.3	0.0	0.0%
96.3%	46.1	46.1	0.0	0.0%
97.5%	45.7	45.4	-0.3	-0.7%
98.8%	44.3	44.3	0.0	0.0%
100.0%	44.3	44.3	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.0	53.0	0.0	0.0%
1.2%	52.6	52.6	0.0	0.0%
2.5%	50.8	50.7	-0.1	-0.2%
3.7%	50.1	50.2	0.1	0.2%
4.9%	50.0	50.0	0.0	0.0%
6.2%	50.0	50.0	0.0	0.0%
7.4%	49.8	50.0	0.2	0.4%
8.6%	49.7	49.3	-0.4	-0.8%
9.9%	49.3	48.9	-0.4	-0.8%
11.1%	48.7	48.7	0.0	0.0%
12.3%	48.3	48.4	0.1	0.2%
13.6%	48.1	48.2	0.1	0.2%
14.8%	48.1	48.0	-0.1	-0.2%
16.0%	47.9	47.7	-0.2	-0.4%
17.3%	47.8	47.7	-0.1	-0.2%
18.5%	47.7	47.6	-0.1	-0.2%
19.8%	47.6	47.6	0.0	0.0%
21.0%	47.6	47.6	0.0	0.0%
22.2%	47.6	47.3	-0.3	-0.6%
23.5%	47.5	47.3	-0.2	-0.4%
24.7%	47.5	47.3	-0.2	-0.4%
25.9%	47.3	47.2	-0.1	-0.2%
27.2%	47.3	47.2	-0.1	-0.2%
28.4%	47.3	47.2	-0.1	-0.2%
29.6%	47.2	47.2	0.0	0.0%
30.9%	47.2	47.2	0.0	0.0%
32.1%	47.2	47.1	-0.1	-0.2%
33.3%	47.1	47.1	0.0	0.0%
34.6%	47.1	47.1	0.0	0.0%
35.8%	47.0	47.0	0.0	0.0%
37.0%	47.0	47.0	0.0	0.0%
38.3%	47.0	46.9	-0.1	-0.2%
39.5%	46.9	46.9	0.0	0.0%
40.7%	46.9	46.9	0.0	0.0%
42.0%	46.9	46.9	0.0	0.0%
43.2%	46.9	46.7	-0.2	-0.4%
44.4%	46.7	46.7	0.0	0.0%
45.7%	46.6	46.6	0.0	0.0%
46.9%	46.6	46.4	-0.2	-0.4%
48.1%	46.5	46.4	-0.1	-0.2%
49.4%	46.4	46.4	0.0	0.0%
50.6%	46.4	46.4	0.0	0.0%
51.9%	46.2	46.2	0.0	0.0%
53.1%	46.2	46.2	0.0	0.0%
54.3%	46.1	46.1	0.0	0.0%
55.6%	46.1	46.0	-0.1	-0.2%
56.8%	46.0	46.0	0.0	0.0%
58.0%	46.0	46.0	0.0	0.0%
59.3%	46.0	46.0	0.0	0.0%
60.5%	46.0	46.0	0.0	0.0%
61.7%	46.0	46.0	0.0	0.0%
63.0%	46.0	46.0	0.0	0.0%
64.2%	46.0	45.9	-0.1	-0.2%
65.4%	45.9	45.9	0.0	0.0%
66.7%	45.8	45.9	0.1	0.2%
67.9%	45.7	45.7	0.0	0.0%
69.1%	45.7	45.7	0.0	0.0%
70.4%	45.6	45.6	0.0	0.0%
71.6%	45.6	45.6	0.0	0.0%
72.8%	45.6	45.6	0.0	0.0%
74.1%	45.5	45.5	0.0	0.0%
75.3%	45.5	45.5	0.0	0.0%
76.5%	45.4	45.4	0.0	0.0%
77.8%	45.4	45.4	0.0	0.0%
79.0%	45.3	45.3	0.0	0.0%
80.2%	45.2	45.2	0.0	0.0%
81.5%	44.9	45.0	0.1	0.2%
82.7%	44.9	44.9	0.0	0.0%
84.0%	44.9	44.9	0.0	0.0%
85.2%	44.9	44.9	0.0	0.0%
86.4%	44.8	44.9	0.1	0.2%
87.7%	44.7	44.6	-0.1	-0.2%
88.9%	44.6	44.6	0.0	0.0%
90.1%	44.4	44.5	0.1	0.2%
91.4%	44.3	44.3	0.0	0.0%
92.6%	44.2	44.2	0.0	0.0%
93.8%	44.2	44.0	-0.2	-0.5%
95.1%	44.0	44.0	0.0	0.0%
96.3%	44.0	43.3	-0.7	-1.6%
97.5%	43.2	43.3	0.1	0.2%
98.8%	43.1	43.1	0.0	0.0%
100.0%	43.1	43.1	0.0	0.0%

Table SQ-33-7b

Trinity River below Lewiston Dam, Monthly Temperature
Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.9	60.8	-0.1	-0.2%
1.2%	60.3	59.3	-1.0	-1.7%
2.5%	59.3	58.8	-0.5	-0.8%
3.7%	58.7	58.7	0.0	0.0%
4.9%	58.6	57.8	-0.8	-1.4%
6.2%	57.7	57.7	0.0	0.0%
7.4%	57.5	57.3	-0.2	-0.3%
8.6%	57.1	57.3	0.2	0.4%
9.9%	56.3	57.0	0.7	1.2%
11.1%	56.2	56.8	0.6	1.1%
12.3%	56.0	56.3	0.3	0.5%
13.6%	55.2	56.1	0.9	1.6%
14.8%	54.9	55.1	0.2	0.4%
16.0%	54.9	54.9	0.0	0.0%
17.3%	53.7	54.9	1.2	2.2%
18.5%	53.4	53.7	0.3	0.6%
19.8%	53.3	53.4	0.1	0.2%
21.0%	53.0	53.1	0.1	0.2%
22.2%	52.9	53.0	0.1	0.2%
23.5%	52.8	52.9	0.1	0.2%
24.7%	52.8	52.8	0.0	0.0%
25.9%	52.1	52.1	0.0	0.0%
27.2%	51.7	51.9	0.2	0.4%
28.4%	51.4	51.4	0.0	0.0%
29.6%	51.4	51.3	-0.1	-0.2%
30.9%	51.4	51.3	-0.1	-0.2%
32.1%	51.3	51.3	0.0	0.0%
33.3%	51.3	51.2	-0.1	-0.2%
34.6%	51.3	51.1	-0.2	-0.4%
35.8%	51.2	51.1	-0.1	-0.2%
37.0%	51.1	51.0	-0.1	-0.2%
38.3%	51.1	51.0	-0.1	-0.2%
39.5%	51.1	50.9	-0.2	-0.4%
40.7%	51.0	50.9	-0.1	-0.2%
42.0%	51.0	50.8	-0.2	-0.4%
43.2%	50.9	50.7	-0.2	-0.4%
44.4%	50.9	50.7	-0.2	-0.4%
45.7%	50.8	50.7	-0.1	-0.2%
46.9%	50.8	50.6	-0.2	-0.4%
48.1%	50.7	50.5	-0.2	-0.4%
49.4%	50.6	50.4	-0.2	-0.4%
50.6%	50.3	50.3	0.0	0.0%
51.9%	50.3	50.3	0.0	0.0%
53.1%	50.1	50.2	0.1	0.2%
54.3%	50.1	50.1	0.0	0.0%
55.6%	50.1	50.1	0.0	0.0%
56.8%	50.0	50.0	0.0	0.0%
58.0%	49.9	49.9	0.0	0.0%
59.3%	49.8	49.8	0.0	0.0%
60.5%	49.8	49.8	0.0	0.0%
61.7%	49.7	49.7	0.0	0.0%
63.0%	49.6	49.6	0.0	0.0%
64.2%	49.6	49.5	-0.1	-0.2%
65.4%	49.5	49.5	0.0	0.0%
66.7%	49.5	49.5	0.0	0.0%
67.9%	49.4	49.4	0.0	0.0%
69.1%	49.3	49.3	0.0	0.0%
70.4%	49.3	49.3	0.0	0.0%
71.6%	49.3	49.2	-0.1	-0.2%
72.8%	49.2	49.1	-0.1	-0.2%
74.1%	49.2	48.8	-0.4	-0.8%
75.3%	49.1	48.8	-0.3	-0.6%
76.5%	48.9	48.8	-0.1	-0.2%
77.8%	48.8	48.7	-0.1	-0.2%
79.0%	48.7	48.5	-0.2	-0.4%
80.2%	48.6	48.3	-0.3	-0.6%
81.5%	48.1	48.2	0.1	0.2%
82.7%	47.9	47.9	0.0	0.0%
84.0%	47.4	47.4	0.0	0.0%
85.2%	47.2	47.2	0.0	0.0%
86.4%	47.1	47.1	0.0	0.0%
87.7%	46.9	46.9	0.0	0.0%
88.9%	46.9	46.9	0.0	0.0%
90.1%	46.8	46.8	0.0	0.0%
91.4%	46.7	46.7	0.0	0.0%
92.6%	46.3	45.7	-0.6	-1.3%
93.8%	45.6	45.6	0.0	0.0%
95.1%	45.0	45.0	0.0	0.0%
96.3%	44.7	44.7	0.0	0.0%
97.5%	44.6	44.6	0.0	0.0%
98.8%	44.2	44.3	0.1	0.2%
100.0%	44.2	44.3	0.1	0.2%

July				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.6	59.0	-1.6	-2.6%
1.2%	59.4	58.3	-1.1	-1.9%
2.5%	59.3	58.0	-1.3	-2.2%
3.7%	58.3	57.5	-0.8	-1.4%
4.9%	58.3	57.2	-1.1	-1.9%
6.2%	57.2	55.9	-1.3	-2.3%
7.4%	56.2	55.3	-0.9	-1.6%
8.6%	55.6	55.3	-0.3	-0.5%
9.9%	55.3	54.7	-0.6	-1.1%
11.1%	54.7	54.7	0.0	0.0%
12.3%	53.6	54.3	0.7	1.3%
13.6%	53.5	53.9	0.4	0.7%
14.8%	53.4	53.7	0.3	0.6%
16.0%	53.1	53.6	0.5	0.9%
17.3%	52.9	53.4	0.5	0.9%
18.5%	52.9	53.3	0.4	0.8%
19.8%	52.9	53.1	0.2	0.4%
21.0%	52.7	53.1	0.4	0.8%
22.2%	52.7	52.9	0.2	0.4%
23.5%	52.7	52.8	0.1	0.2%
24.7%	52.4	52.6	0.2	0.4%
25.9%	52.3	52.3	0.0	0.0%
27.2%	52.2	52.1	-0.1	-0.2%
28.4%	52.2	52.0	-0.2	-0.4%
29.6%	52.0	51.8	-0.2	-0.4%
30.9%	51.9	51.6	-0.3	-0.6%
32.1%	51.8	51.6	-0.2	-0.4%
33.3%	51.7	51.6	-0.1	-0.2%
34.6%	51.6	51.5	-0.1	-0.2%
35.8%	51.6	51.5	-0.1	-0.2%
37.0%	51.5	51.5	0.0	0.0%
38.3%	51.5	51.4	-0.1	-0.2%
39.5%	51.5	51.3	-0.2	-0.4%
40.7%	51.5	51.2	-0.3	-0.6%
42.0%	51.3	51.2	-0.1	-0.2%
43.2%	51.2	51.1	-0.1	-0.2%
44.4%	51.2	51.1	-0.1	-0.2%
45.7%	51.1	51.1	0.0	0.0%
46.9%	51.0	51.1	0.1	0.2%
48.1%	51.0	51.0	0.0	0.0%
49.4%	51.0	51.0	0.0	0.0%
50.6%	50.9	50.9	0.0	0.0%
51.9%	50.7	50.8	0.1	0.2%
53.1%	50.7	50.7	0.0	0.0%
54.3%	50.7	50.7	0.0	0.0%
55.6%	50.7	50.7	0.0	0.0%
56.8%	50.7	50.6	-0.1	-0.2%
58.0%	50.6	50.6	0.0	0.0%
59.3%	50.5	50.5	0.0	0.0%
60.5%	50.5	50.5	0.0	0.0%
61.7%	50.4	50.4	0.0	0.0%
63.0%	50.2	50.2	0.0	0.0%
64.2%	50.1	50.1	0.0	0.0%
65.4%	50.0	50.1	0.1	0.2%
66.7%	50.0	50.1	0.1	0.2%
67.9%	49.9	50.0	0.1	0.2%
69.1%	49.8	50.0	0.2	0.4%
70.4%	49.7	49.9	0.2	0.4%
71.6%	49.6	49.8	0.2	0.4%
72.8%	49.6	49.7	0.1	0.2%
74.1%	49.6	49.6	0.0	0.0%
75.3%	49.5	49.6	0.1	0.2%
76.5%	49.3	49.6	0.3	0.6%
77.8%	49.2	49.6	0.4	0.8%
79.0%	49.2	49.3	0.1	0.2%
80.2%	49.0	49.2	0.2	0.4%
81.5%	49.0	49.0	0.0	0.0%
82.7%	48.9	49.0	0.1	0.2%
84.0%	48.9	49.0	0.1	0.2%
85.2%	48.7	48.9	0.2	0.4%
86.4%	48.7	48.9	0.2	0.4%
87.7%	48.7	48.9	0.2	0.4%
88.9%	48.5	48.8	0.3	0.6%
90.1%	48.0	48.7	0.7	1.5%
91.4%	47.9	48.0	0.1	0.2%
92.6%	47.7	47.9	0.2	0.4%
93.8%	47.4	47.7	0.3	0.6%
95.1%	47.3	47.4	0.1	0.2%
96.3%	46.8	46.9	0.1	0.2%
97.5%	46.7	46.7	0.0	0.0%
98.8%	46.5	46.5	0.0	0.0%
100.0%	46.5	46.5	0.0	0.0%

August				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.0	63.9	-1.1	-1.7%
1.2%	63.9	60.4	-3.5	-5.5%
2.5%	61.4	58.7	-2.7	-4.4%
3.7%	59.7	57.5	-2.2	-3.7%
4.9%	58.7	55.9	-2.8	-4.8%
6.2%	58.1	55.7	-2.4	-4.1%
7.4%	56.2	55.2	-1.0	-1.8%
8.6%	55.7	54.1	-1.6	-2.9%
9.9%	55.7	53.8	-1.9	-3.4%
11.1%	55.5	53.6	-1.9	-3.4%
12.3%	55.1	53.1	-2.0	-3.6%
13.6%	54.3	52.8	-1.5	-2.8%
14.8%	54.1	52.6	-1.5	-2.8%
16.0%	53.6	52.6	-1.0	-1.9%
17.3%	53.4	52.5	-0.9	-1.7%
18.5%	53.2	52.5	-0.7	-1.3%
19.8%	53.0	52.4	-0.6	-1.1%
21.0%	52.7	52.4	-0.3	-0.6%
22.2%	52.6	52.4	-0.2	-0.4%
23.5%	52.6	52.4	-0.2	-0.4%
24.7%	52.4	52.3	-0.1	-0.2%
25.9%	52.4	52.2	-0.2	-0.4%
27.2%	52.4	52.2	-0.2	-0.4%
28.4%	52.4	52.2	-0.2	-0.4%
29.6%	52.2	52.1	-0.1	-0.2%
30.9%	52.1	52.0	-0.1	-0.2%
32.1%	52.0	52.0	0.0	0.0%
33.3%	51.9	51.9	0.0	0.0%
34.6%	51.9	51.9	0.0	0.0%
35.8%	51.8	51.9	0.1	0.2%
37.0%	51.7	51.8	0.1	0.2%
38.3%	51.7	51.7	0.0	0.0%
39.5%	51.6	51.6	0.0	0.0%
40.7%	51.5	51.5	0.0	0.0%
42.0%	51.4	51.5	0.1	0.2%
43.2%	51.3	51.4	0.1	0.2%
44.4%	51.3	51.4	0.1	0.2%
45.7%	51.2	51.3	0.1	0.2%
46.9%	51.2	51.3	0.1	0.2%
48.1%	51.2	51.2	0.0	0.0%
49.4%	51.2	51.2	0.0	0.0%
50.6%	51.1	51.2	0.1	0.2%
51.9%	51.1	51.2	0.1	0.2%
53.1%	51.0	51.1	0.1	0.2%
54.3%	51.0	51.0	0.0	0.0%
55.6%	51.0	51.0	0.0	0.0%
56.8%	51.0	50.9	-0.1	-0.2%
58.0%	50.9	50.9	0.0	0.0%
59.3%	50.9	50.9	0.0	0.0%
60.5%	50.8	50.9	0.1	0.2%
61.7%	50.8	50.8	0.0	0.0%
63.0%	50.6	50.6	0.0	0.0%
64.2%	50.4	50.6	0.2	0.4%
65.4%	50.3	50.3	0.0	0.0%
66.7%	50.3	50.3	0.0	0.0%
67.9%	50.2	50.2	0.0	0.0%
69.1%	50.2	50.1	-0.1	-0.2%
70.4%	49.9	50.1	0.2	0.4%
71.6%	49.7	49.9	0.2	0.4%
72.8%	49.5	49.9	0.4	0.8%
74.1%	49.4	49.8	0.4	0.8%
75.3%	49.3	49.5	0.2	0.4%
76.5%	49.2	49.5	0.3	0.6%
77.8%	49.1	49.4	0.3	0.6%
79.0%	49.0	49.3	0.3	0.6%
80.2%	49.0	49.2	0.2	0.4%
81.5%	48.9	49.2	0.3	0.6%
82.7%	48.8	49.2	0.4	0.8%
84.0%	48.7	49.1	0.4	0.8%
85.2%	48.5	49.0	0.5	1.0%
86.4%	48.4	48.7	0.3	0.6%
87.7%	48.3	48.5	0.2	0.4%
88.9%	48.3	48.5	0.2	0.4%
90.1%	48.2	48.4	0.2	0.4%
91.4%	48.1	48.3	0.2	0.4%
92.6%	48.0	48.1	0.1	0.2%
93.8%	47.5	47.6	0.1	0.2%
95.1%	47.5	47.5	0.0	0.0%
96.3%	46.7	47.4	0.7	1.5%
97.5%	46.4	46.7	0.3	0.6%
98.8%	46.0	46.4	0.4	0.9%
100.0%	46.0	46.4	0.4	0.9%

September				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	68.1	64.9	-3.2	-4.7%
1.2%	64.5	62.2	-2.3	-3.6%
2.5%	63.6	59.4	-4.2	-6.6%
3.7%	60.0	57.8	-2.2	-3.7%
4.9%	59.7	57.3	-2.4	-4.0%
6.2%	59.6	56.9	-2.7	-4.5%
7.4%	59.4	56.4	-3.0	-5.1%
8.6%	57.2	56.1	-1.1	-1.9%
9.9%	56.6	55.4	-1.2	-2.1%
11.1%	55.0	55.3	0.3	0.5%
12.3%	54.0	55.0	1.0	1.9%
13.6%	53.8	54.8	1.0	1.9%
14.8%	53.7	53.8	0.1	0.2%
16.0%	53.6	52.6	-1.0	-1.9%
17.3%	53.4	52.5	-0.9	-1.7%
18.5%	52.8	52.1	-0.7	-1.3%
19.8%	52.2	51.6	-0.6	-1.1%
21.0%	51.8	51.5	-0.3	-0.6%
22.2%	51.7	51.4	-0.3	-0.6%
23.5%	51.6	51.1	-0.5	-1.0%
24.7%	51.6	51.0	-0.6	-1.2%
25.9%	51.1	50.9	-0.2	-0.4%
27.2%	51.0	50.8	-0.2	-0.4%
28.4%	50.9	50.8	-0.1	-0.2%
29.6%	50.9	50.8	-0.1	-0.2%
30.9%	50.8	50.7	-0.1	-0.2%
32.1%	50.5	50.4	-0.1	-0.2%
33.3%	50.5	50.3	-0.2	-0.4%
34.6%	50.4	50.3	-0.1	-0.2%
35.8%	50.4	50.2	-0.2	-0.4%
37.0%	50.3	50.1	-0.2	-0.4%
38.3%	50.2	50.1	-0.1	-0.2%
39.5%	49.6	50.1	0.5	1.0%
40.7%	49.5	49.8	0.3	0.6%
42.0%	49.5	49.6	0.1	0.2%
43.2%	49.5	49.6	0.1	0.2%
44.4%	49.5	49.5	0.0	0.0%
45.7%	49.4	49.5	0.1	0.2%
46.9%	49.2	49.5	0.3	0.6%
48.1%	49.1	49.3	0.2	0.4%
49.4%	49.0	49.2	0.2	0.4%
50.6%	49.0	49.1	0.1	0.2%
51.9%	49.0	49.0	0.0	0.0%
53.1%	49.0	49.0	0.0	0.0%
54.3%	48.9	48.8	-0.1	-0.2%
55.6%	48.9	48.8	-0.1	-0.2%
56.8%	48.8	48.7	-0.1	-0.2%
58.0%	48.8	48.7	-0.1	-0.2%
59.3%	48.7	48.6	-0.1	-0.2%
60.5%	48.6	48.6	0.0	0.0%
61.7%	48.6	48.5	-0.1	-0.2%
63.0%	48.6	48.5	-0.1	-0.2%
64.2%	48.5	48.5	0.0	0.0%
65.4%	48.5	48.5	0.0	0.0%
66.7%	48.5	48.4	-0.1	-0.2%
67.9%	48.4	48.3	-0.1	-0.2%
69.1%	48.3	48.2	-0.1	-0.2%
70.4%	48.3	48.2	-0.1	-0.2%
71.6%	48.2	48.0	-0.2	-0.4%
72.8%	48.2	48.0	-0.2	-0.4%
74.1%	48.2	47.9	-0.3	-0.6%
75.3%	48.0	47.9	-0.1	-0.2%
76.5%	48.0	47.8	-0.2	-0.4%
77.8%	48.0	47.8	-0.2	-0.4%
79.0%	47.9	47.6	-0.3	-0.6%
80.2%	47.8	47.5	-0.3	-0.6%
81.5%	47.6	47.5	-0.1	-0.2%
82.7%	47.6	47.5	-0.1	-0.2%
84.0%	47.4	47.3	-0.1	-0.2%
85.2%	47.4	47.2	-0.2	-0.4%
86.4%	47.3	47.1	-0.2	-0.4%
87.7%	47.2	47.1	-0.1	-0.2%
88.9%	47.1	47.0	-0.1	-0.2%
90.1%	47.1	47.0	-0.1	-0.2%
91.4%	47.0	46.9	-0.1	-0.2%
92.6%	46.9	46.9	0.0	0.0%
93.8%	46.9	46.8	-0.1	-0.2%
95.1%	46.8	46.5	-0.3	-0.6%
96.3%	46.7	46.3	-0.4	-0.9%
97.5%	46.3	46.2	-0.1	-0.2%
98.8%	46.2	46.2	0.0	0.0%
100.0%	46.2	46.2	0.0	0.0%

Table SQ-34-7a
Trinity River at Douglas City, Monthly Temperature
Long-term Average and Average by Water Year Type

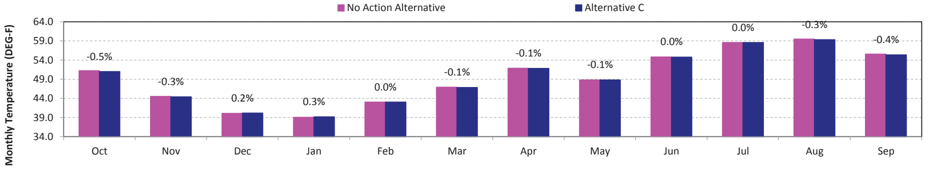
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	51.2	44.5	40.1	39.0	43.0	46.9	51.9	48.8	54.8	58.6	59.5	55.6
Alternative C	51.0	44.4	40.2	39.2	43.0	46.8	51.8	48.8	54.8	58.6	59.3	55.3
Difference	-0.2	-0.1	0.1	0.1	0.0	-0.1	-0.1	0.0	0.0	0.0	-0.2	-0.2
Percent Difference[3]	-0.5%	-0.3%	0.2%	0.3%	0.0%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	-0.3%	-0.4%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	49.8	44.5	41.1	40.4	43.3	46.1	50.8	47.8	51.4	56.9	59.6	54.7
Alternative C	49.9	44.5	41.1	40.4	43.3	46.0	50.7	47.8	51.4	56.9	59.5	54.8
Difference	0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	-0.1	-0.2	0.1
Percent Difference	0.1%	0.0%	0.1%	0.1%	-0.1%	-0.3%	-0.1%	0.0%	0.0%	-0.1%	-0.3%	0.3%
Above Normal (15%)												
No Action Alternative	50.3	43.2	40.0	38.7	43.0	46.7	51.8	48.0	53.9	57.8	58.8	54.2
Alternative C	50.1	42.9	40.0	38.7	43.1	46.8	51.9	48.0	53.7	57.6	58.5	54.0
Difference	-0.2	-0.3	0.0	0.0	0.1	0.0	0.0	0.0	-0.2	-0.2	-0.2	-0.2
Percent Difference	-0.4%	-0.7%	0.1%	0.0%	0.1%	0.1%	0.1%	-0.1%	-0.4%	-0.3%	-0.4%	-0.4%
Below Normal (17%)												
No Action Alternative	51.7	44.7	39.6	38.3	42.4	46.8	52.5	48.6	55.4	59.1	59.8	56.0
Alternative C	51.5	44.7	39.8	38.4	42.4	46.8	52.4	48.6	55.4	59.2	59.8	55.8
Difference	-0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.2
Percent Difference	-0.4%	0.0%	0.4%	0.1%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.1%	0.0%	-0.3%
Dry (22%)												
No Action Alternative	51.3	44.6	40.2	38.0	42.7	47.5	52.7	49.0	57.0	59.2	58.4	55.0
Alternative C	51.0	44.4	40.2	38.3	42.7	47.4	52.5	49.0	57.0	59.1	58.7	54.8
Difference	-0.3	-0.2	0.0	0.3	0.0	-0.1	-0.2	0.0	0.0	-0.1	0.3	-0.2
Percent Difference	-0.5%	-0.5%	0.0%	0.7%	0.0%	-0.2%	-0.3%	0.0%	0.1%	-0.1%	0.5%	-0.4%
Critical (15%)												
No Action Alternative	54.5	45.2	38.4	38.8	43.4	47.9	52.3	51.9	59.7	61.8	61.0	58.9
Alternative C	53.6	45.0	38.5	39.1	43.4	47.9	52.3	51.6	59.7	61.9	60.1	57.9
Difference	-0.9	-0.2	0.1	0.3	0.0	-0.1	0.0	-0.2	0.0	0.2	-0.9	-1.1
Percent Difference	-1.7%	-0.4%	0.3%	0.7%	0.0%	-0.1%	0.0%	-0.4%	0.0%	0.3%	-1.5%	-1.8%

1 Based on the 82-year simulation period

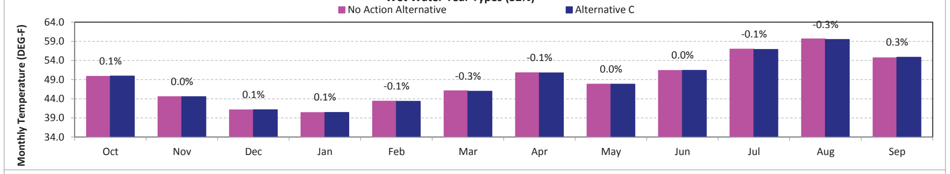
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

3 Relative difference of the monthly average

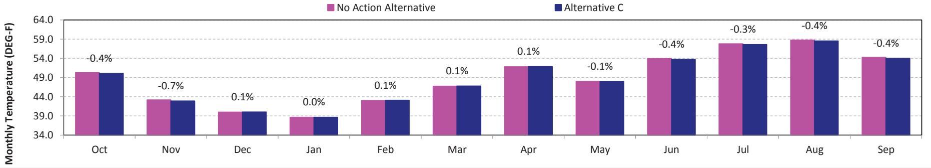
Trinity River at Douglas City, Monthly Temperature
Full Simulation Period



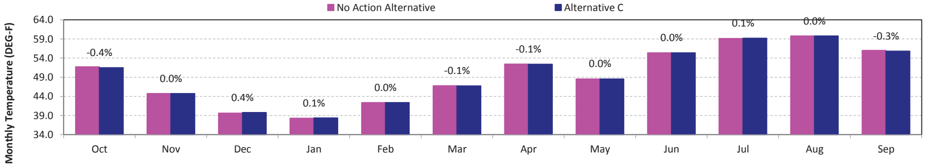
Trinity River at Douglas City, Monthly Temperature
Wet Water Year Types (32%)



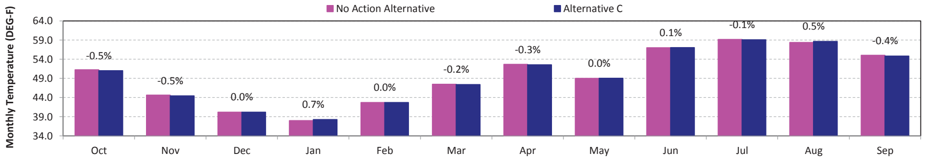
Trinity River at Douglas City, Monthly Temperature
Above Normal Water Year Types (15%)



Trinity River at Douglas City, Monthly Temperature
Below Normal Water Year Types (17%)



Trinity River at Douglas City, Monthly Temperature
Dry Water Year Types (22%)



Trinity River at Douglas City, Monthly Temperature
Critical Water Year Types (15%)

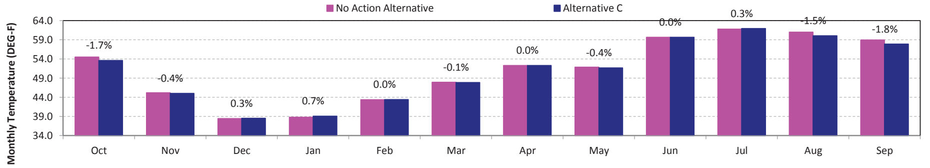


Figure SQ-34-7b

Trinity River at Douglas City, Monthly Temperature Probability of Exceedance

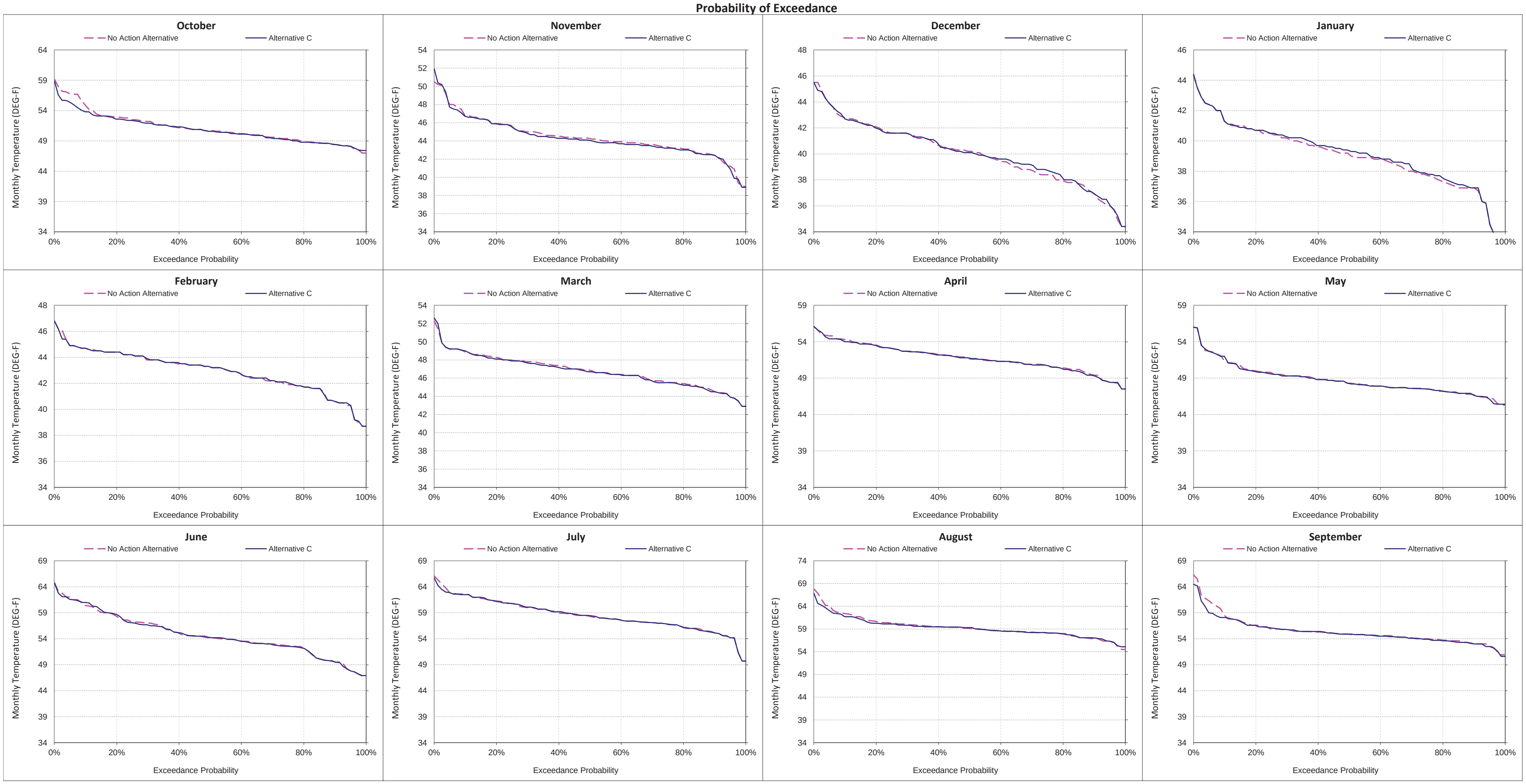


Table SQ-34-7b

Trinity River at Douglas City, Monthly Temperature

Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	59.2	58.9	-0.3	-0.5%
1.2%	58.0	56.6	-1.4	-2.4%
2.5%	57.2	55.7	-1.5	-2.6%
3.7%	57.1	55.7	-1.4	-2.5%
4.9%	56.8	55.4	-1.4	-2.5%
6.2%	56.7	55.0	-1.7	-3.0%
7.4%	56.7	54.5	-2.2	-3.9%
8.6%	55.7	54.1	-1.6	-2.9%
9.9%	54.9	53.8	-1.1	-2.0%
11.1%	54.2	53.8	-0.4	-0.7%
12.3%	54.0	53.3	-0.7	-1.3%
13.6%	53.4	53.1	-0.3	-0.6%
14.8%	53.2	53.1	-0.1	-0.2%
16.0%	53.1	53.1	0.0	0.0%
17.3%	53.1	53.0	-0.1	-0.2%
18.5%	53.0	52.9	-0.1	-0.2%
19.8%	52.9	52.6	-0.3	-0.6%
21.0%	52.9	52.6	-0.3	-0.6%
22.2%	52.8	52.5	-0.3	-0.6%
23.5%	52.8	52.4	-0.4	-0.8%
24.7%	52.5	52.4	-0.1	-0.2%
25.9%	52.5	52.3	-0.2	-0.4%
27.2%	52.4	52.2	-0.2	-0.4%
28.4%	52.3	52.0	-0.3	-0.6%
29.6%	52.2	51.9	-0.3	-0.6%
30.9%	52.2	51.9	-0.3	-0.6%
32.1%	51.8	51.7	-0.1	-0.2%
33.3%	51.7	51.6	-0.1	-0.2%
34.6%	51.6	51.6	0.0	0.0%
35.8%	51.6	51.6	0.0	0.0%
37.0%	51.4	51.4	0.0	0.0%
38.3%	51.3	51.4	0.1	0.2%
39.5%	51.2	51.3	0.1	0.2%
40.7%	51.2	51.3	0.1	0.2%
42.0%	51.1	51.2	0.1	0.2%
43.2%	51.0	51.0	0.0	0.0%
44.4%	50.9	50.9	0.0	0.0%
45.7%	50.9	50.9	0.0	0.0%
46.9%	50.9	50.9	0.0	0.0%
48.1%	50.7	50.7	0.0	0.0%
49.4%	50.7	50.6	-0.1	-0.2%
50.6%	50.7	50.6	-0.1	-0.2%
51.9%	50.6	50.5	-0.1	-0.2%
53.1%	50.6	50.4	-0.2	-0.4%
54.3%	50.5	50.4	-0.1	-0.2%
55.6%	50.4	50.4	0.0	0.0%
56.8%	50.4	50.2	-0.2	-0.4%
58.0%	50.3	50.2	-0.1	-0.2%
59.3%	50.2	50.1	-0.1	-0.2%
60.5%	50.2	50.1	-0.1	-0.2%
61.7%	50.1	50.1	0.0	0.0%
63.0%	50.1	50.0	-0.1	-0.2%
64.2%	50.0	49.9	-0.1	-0.2%
65.4%	50.0	49.9	-0.1	-0.2%
66.7%	49.8	49.9	0.1	0.2%
67.9%	49.7	49.5	-0.2	-0.4%
69.1%	49.6	49.5	-0.1	-0.2%
70.4%	49.6	49.4	-0.2	-0.4%
71.6%	49.5	49.4	-0.1	-0.2%
72.8%	49.4	49.3	-0.1	-0.2%
74.1%	49.4	49.2	-0.2	-0.4%
75.3%	49.4	49.2	-0.2	-0.4%
76.5%	49.2	49.0	-0.2	-0.4%
77.8%	49.2	49.0	-0.2	-0.4%
79.0%	49.0	48.8	-0.2	-0.4%
80.2%	48.8	48.8	0.0	0.0%
81.5%	48.8	48.8	0.0	0.0%
82.7%	48.8	48.7	-0.1	-0.2%
84.0%	48.7	48.7	0.0	0.0%
85.2%	48.7	48.6	-0.1	-0.2%
86.4%	48.6	48.6	0.0	0.0%
87.7%	48.6	48.6	0.0	0.0%
88.9%	48.4	48.5	0.1	0.2%
90.1%	48.4	48.4	0.0	0.0%
91.4%	48.3	48.3	0.0	0.0%
92.6%	48.2	48.2	0.0	0.0%
93.8%	48.2	48.2	0.0	0.0%
95.1%	48.1	48.1	0.0	0.0%
96.3%	47.6	47.8	0.2	0.4%
97.5%	47.5	47.5	0.0	0.0%
98.8%	47.0	47.4	0.4	0.9%
100.0%	47.0	47.4	0.4	0.9%

November				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	50.5	51.9	1.4	2.8%
1.2%	50.2	50.4	0.2	0.4%
2.5%	50.1	50.2	0.1	0.2%
3.7%	49.2	49.4	0.2	0.4%
4.9%	48.0	47.7	-0.3	-0.6%
6.2%	48.0	47.5	-0.5	-1.0%
7.4%	47.7	47.4	-0.3	-0.6%
8.6%	47.5	47.1	-0.4	-0.8%
9.9%	46.8	46.7	-0.1	-0.2%
11.1%	46.8	46.6	-0.2	-0.4%
12.3%	46.6	46.6	0.0	0.0%
13.6%	46.6	46.5	-0.1	-0.2%
14.8%	46.4	46.4	0.0	0.0%
16.0%	46.4	46.4	0.0	0.0%
17.3%	46.3	46.3	0.0	0.0%
18.5%	46.0	45.9	-0.1	-0.2%
19.8%	45.9	45.9	0.0	0.0%
21.0%	45.9	45.8	-0.1	-0.2%
22.2%	45.8	45.8	0.0	0.0%
23.5%	45.8	45.8	0.0	0.0%
24.7%	45.7	45.6	-0.1	-0.2%
25.9%	45.3	45.3	0.0	0.0%
27.2%	45.1	45.1	0.0	0.0%
28.4%	45.1	45.0	-0.1	-0.2%
29.6%	45.0	44.9	-0.1	-0.2%
30.9%	45.0	44.7	-0.3	-0.7%
32.1%	45.0	44.7	-0.3	-0.7%
33.3%	44.9	44.5	-0.4	-0.9%
34.6%	44.8	44.5	-0.3	-0.7%
35.8%	44.6	44.5	-0.1	-0.2%
37.0%	44.6	44.4	-0.2	-0.4%
38.3%	44.6	44.4	-0.2	-0.4%
39.5%	44.5	44.3	-0.2	-0.4%
40.7%	44.5	44.3	-0.2	-0.4%
42.0%	44.4	44.3	-0.1	-0.2%
43.2%	44.4	44.2	-0.2	-0.5%
44.4%	44.4	44.2	-0.2	-0.5%
45.7%	44.3	44.2	-0.1	-0.2%
46.9%	44.3	44.1	-0.2	-0.5%
48.1%	44.3	44.1	-0.2	-0.5%
49.4%	44.3	44.1	-0.2	-0.5%
50.6%	44.2	44.0	-0.2	-0.5%
51.9%	44.2	43.9	-0.3	-0.7%
53.1%	44.1	43.8	-0.3	-0.7%
54.3%	44.0	43.8	-0.2	-0.5%
55.6%	44.0	43.8	-0.2	-0.5%
56.8%	43.9	43.8	-0.1	-0.2%
58.0%	43.9	43.8	-0.1	-0.2%
59.3%	43.9	43.7	-0.2	-0.5%
60.5%	43.9	43.7	-0.2	-0.5%
61.7%	43.8	43.6	-0.2	-0.5%
63.0%	43.8	43.6	-0.2	-0.5%
64.2%	43.8	43.6	-0.2	-0.5%
65.4%	43.8	43.6	-0.2	-0.5%
66.7%	43.7	43.5	-0.2	-0.5%
67.9%	43.6	43.5	-0.1	-0.2%
69.1%	43.6	43.5	-0.1	-0.2%
70.4%	43.6	43.4	-0.2	-0.5%
71.6%	43.5	43.3	-0.2	-0.5%
72.8%	43.4	43.3	-0.1	-0.2%
74.1%	43.4	43.2	-0.2	-0.5%
75.3%	43.3	43.2	-0.1	-0.2%
76.5%	43.2	43.2	0.0	0.0%
77.8%	43.2	43.1	-0.1	-0.2%
79.0%	43.2	43.0	-0.2	-0.5%
80.2%	43.1	43.0	-0.1	-0.2%
81.5%	43.1	43.0	-0.1	-0.2%
82.7%	43.0	42.9	-0.1	-0.2%
84.0%	42.7	42.6	-0.1	-0.2%
85.2%	42.6	42.6	0.0	0.0%
86.4%	42.6	42.5	-0.1	-0.2%
87.7%	42.6	42.5	-0.1	-0.2%
88.9%	42.5	42.5	0.0	0.0%
90.1%	42.4	42.4	0.0	0.0%
91.4%	42.2	42.1	-0.1	-0.2%
92.6%	41.7	42.0	0.3	0.7%
93.8%	41.3	41.4	0.1	0.2%
95.1%	41.2	40.9	-0.3	-0.7%
96.3%	40.9	39.9	-1.0	-2.4%
97.5%	39.4	39.8	0.4	1.0%
98.8%	39.0	38.9	-0.1	-0.3%
100.0%	39.0	38.9	-0.1	-0.3%

December				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	45.5	45.5	0.0	0.0%
1.2%	45.5	44.9	-0.6	-1.3%
2.5%	44.9	44.8	-0.1	-0.2%
3.7%	44.3	44.3	0.0	0.0%
4.9%	43.9	43.9	0.0	0.0%
6.2%	43.6	43.6	0.0	0.0%
7.4%	43.1	43.3	0.2	0.5%
8.6%	42.9	43.1	0.2	0.5%
9.9%	42.8	42.7	-0.1	-0.2%
11.1%	42.7	42.6	-0.1	-0.2%
12.3%	42.7	42.6	-0.1	-0.2%
13.6%	42.6	42.5	-0.1	-0.2%
14.8%	42.5	42.4	-0.1	-0.2%
16.0%	42.3	42.3	0.0	0.0%
17.3%	42.3	42.2	-0.1	-0.2%
18.5%	42.2	42.2	0.0	0.0%
19.8%	42.1	42.0	-0.1	-0.2%
21.0%	42.0	41.9	-0.1	-0.2%
22.2%	41.8	41.7	-0.1	-0.2%
23.5%	41.7	41.6	-0.1	-0.2%
24.7%	41.6	41.6	0.0	0.0%
25.9%	41.6	41.6	0.0	0.0%
27.2%	41.6	41.6	0.0	0.0%
28.4%	41.6	41.6	0.0	0.0%
29.6%	41.6	41.6	0.0	0.0%
30.9%	41.5	41.5	0.0	0.0%
32.1%	41.4	41.3	-0.1	-0.2%
33.3%	41.2	41.3	0.1	0.2%
34.6%	41.2	41.3	0.1	0.2%
35.8%	41.2	41.2	0.0	0.0%
37.0%	41.1	41.1	0.0	0.0%
38.3%	40.9	41.1	0.2	0.5%
39.5%	40.7	40.9	0.2	0.5%
40.7%	40.6	40.5	-0.1	-0.2%
42.0%	40.4	40.5	0.1	0.2%
43.2%	40.4	40.4	0.0	0.0%
44.4%	40.4	40.3	-0.1	-0.2%
45.7%	40.3	40.2	-0.1	-0.2%
46.9%	40.3	40.2	-0.1	-0.2%
48.1%	40.3	40.1	-0.2	-0.5%
49.4%	40.2	40.1	-0.1	-0.2%
50.6%	40.2	40.1	-0.1	-0.2%
51.9%	40.1	40.0	-0.1	-0.2%
53.1%	40.1	39.9	-0.2	-0.5%
54.3%	39.9	39.9	0.0	0.0%
55.6%	39.8	39.8	0.0	0.0%
56.8%	39.7	39.7	0.0	0.0%
58.0%	39.6	39.7	0.1	0.3%
59.3%	39.5	39.6	0.1	0.3%
60.5%	39.4	39.6	0.2	0.5%
61.7%	39.4	39.6	0.2	0.5%
63.0%	39.2	39.5	0.3	0.8%
64.2%	39.0	39.3	0.3	0.8%
65.4%	39.0	39.3	0.3	0.8%
66.7%	38.8	39.2	0.4	1.0%
67.9%	38.8	39.2	0.4	1.0%
69.1%	38.8	39.2	0.4	1.0%
70.4%	38.7	39.1	0.4	1.0%
71.6%	38.5	38.8	0.3	0.8%
72.8%	38.4	38.8	0.4	1.0%
74.1%	38.4	38.8	0.4	1.0%
75.3%	38.4	38.7	0.3	0.8%
76.5%	38.4	38.6	0.2	0.5%
77.8%	38.0	38.5	0.5	1.3%
79.0%	38.0	38.4	0.4	1.1%
80.2%	37.9	38.0	0.1	0.3%
81.5%	37.8	38.0	0.2	0.5%
82.7%	37.8	38.0	0.2	0.5%
84.0%	37.8	37.9	0.1	0.3%
85.2%	37.7	37.6	-0.1	-0.3%
86.4%	37.6	37.3	-0.3	-0.8%
87.7%	37.3	37.1	-0.2	-0.5%
88.9%	37.1	37.1	0.0	0.0%
90.1%	36.9	36.9	0.0	0.0%
91.4%	36.5	36.7	0.2	0.5%
92.6%	36.3	36.5	0.2	0.6%
93.8%	36.1	36.5	0.4	1.1%
95.1%	36.0	36.0	0.0	0.0%
96.3%	35.7	35.7	0.0	0.0%
97.5%	34.9	35.2	0.3	0.9%
98.8%	34.4	34.4	0.0	0.0%
100.0%	34.4	34.4	0.0	0.0%

January				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	44.4	44.4	0.0	0.0%
1.2%	43.5	43.5	0.0	0.0%
2.5%	42.9	42.9	0.0	0.0%
3.7%	42.5	42.5	0.0	0.0%
4.9%	42.4	42.4	0.0	0.0%
6.2%	42.3	42.3	0.0	0.0%
7.4%	42.0	42.0	0.0	0.0%
8.6%	42.0	42.0	0.0	0.0%
9.9%	41.3	41.3	0.0	0.0%
11.1%	41.1	41.1	0.0	0.0%
12.3%	41.0	41.1	0.1	0.2%
13.6%	41.0	41.0	0.0	0.0%
14.8%	41.0	40.9	-0.1	-0.2%
16.0%	41.0	40.9	-0.1	-0.2%
17.3%	40.8	40.8	0.0	0.0%
18.5%	40.8	40.8	0.0	0.0%
19.8%	40.7	40.7	0.0	0.0%
21.0%	40.7	40.7	0.0	0.0%
22.2%	40.5	40.7	0.2	0.5%
23.5%	40.5	40.6	0.1	0.2%
24.7%	40.5	40.5	0.0	0.0%
25.9%	40.4	40.5	0.1	0.2%
27.2%	40.4	40.4	0.0	0.0%
28.4%	40.2	40.4	0.2	0.5%
29.6%	40.2	40.3	0.1	0.2%
30.9%	40.1	40.2	0.1	0.2%
32.1%	40.0	40.2	0.2	0.5%
33.3%	40.0	40.2	0.2	0.5%
34.6%	39.9	40.2	0.3	0.8%
35.8%	39.9	40.1	0.2	0.5%
37.0%	39.7	40.0	0.3	0.8%
38.3%	39.7	39.9	0.2	0.5%
39.5%	39.6	39.7	0.1	0.3%
40.7%	39.6	39.7	0.1	0.3%
42.0%	39.5	39.7	0.2	0.5%
43.2%	39.4	39.6	0.2	0.5%
44.4%	39.4	39.6	0.2	0.5%
45.7%	39.3	39.5	0.2	0.5%
46.9%	39.2	39.5	0.3	0.8%
48.1%	39.2	39.4	0.2	0.5%
49.4%	39.2	39.4	0.2	0.5%
50.6%	39.0	39.3	0.3	0.8%
51.9%	38.9	39.3	0.4	1.0%
53.1%	38.9	39.2	0.3	0.8%
54.3%	38.9	39.2	0.3	0.8%
55.6%	38.9	39.2	0.3	0.8%
56.8%	38.9	39.0	0.1	0.3%
58.0%	38.8	38.9	0.1	0.3%
59.3%	38.8	38.9	0.1	0.3%
60.5%	38.8	38.8	0.0	0.0%
61.7%	38.7	38.8	0.1	0.3%
63.0%	38.6	38.8	0.2	0.5%
64.2%	38.5	38.6	0.1	0.3%
65.4%	38.4	38.6	0.2	0.5%
66.7%	38.3	38.6	0.3	0.8%
67.9%	38.1	38.5	0.4	1.0%
69.1%	38.0	38.5	0.5	1.3%
70.4%	38.0	38.1	0.1	0.3%
71.6%	37.9	38.0	0.1	0.3%
72.8%	37.8	37.9	0.1	0.3%
74.1%	37.8	37.9	0.1	0.3%
75.3%	37.7	37.8	0.1	0.3%
76.5%	37.7	37.8	0.1	0.3%
77.8%	37.5	37.7	0.2	0.5%
79.0%	37.4	37.7	0.3	0.8%
80.2%	37.3	37.5	0.2	0.5%
81.5%	37.2	37.4	0.2	0.5%
82.7%	37.1	37.3	0.2	0.5%
84.0%	37.0	37.2	0.2	0.5%
85.2%	36.9	37.1	0.2	0.5%
86.4%	36.9	37.1	0.2	0.5%
87.7%	36.9	37.0	0.1	0.3%
88.9%	36.9	36.9	0.0	0.0%
90.1%	36.9	36.9	0.0	0.0%
91.4%	36.7	36.9	0.2	0.5%
92.6%	36.0	36.0	0.0	0.0%
93.8%	35.9	35.9	0.0	0.0%
95.1%	34.5	34.5	0.0	0.0%
96.3%	33.9	33.9	0.0	0.0%
97.5%	33.7	33.7	0.0	0.0%
98.8%	28.9	28.9	0.0	0.0%
100.0%	28.9	28.9	0.0	0.0%

Table SQ-34-7b

Trinity River at Douglas City, Monthly Temperature

Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	46.8	46.8	0.0	0.0%
1.2%	46.2	46.2	0.0	0.0%
2.5%	46.1	45.4	-0.7	-1.5%
3.7%	45.4	45.4	0.0	0.0%
4.9%	44.9	44.9	0.0	0.0%
6.2%	44.9	44.9	0.0	0.0%
7.4%	44.8	44.8	0.0	0.0%
8.6%	44.7	44.7	0.0	0.0%
9.9%	44.7	44.7	0.0	0.0%
11.1%	44.6	44.6	0.0	0.0%
12.3%	44.6	44.5	-0.1	-0.2%
13.6%	44.5	44.5	0.0	0.0%
14.8%	44.5	44.5	0.0	0.0%
16.0%	44.4	44.4	0.0	0.0%
17.3%	44.4	44.4	0.0	0.0%
18.5%	44.4	44.4	0.0	0.0%
19.8%	44.4	44.4	0.0	0.0%
21.0%	44.4	44.4	0.0	0.0%
22.2%	44.2	44.2	0.0	0.0%
23.5%	44.2	44.2	0.0	0.0%
24.7%	44.2	44.2	0.0	0.0%
25.9%	44.1	44.1	0.0	0.0%
27.2%	44.1	44.1	0.0	0.0%
28.4%	44.1	44.1	0.0	0.0%
29.6%	43.8	43.9	0.1	0.2%
30.9%	43.8	43.8	0.0	0.0%
32.1%	43.8	43.8	0.0	0.0%
33.3%	43.8	43.8	0.0	0.0%
34.6%	43.7	43.7	0.0	0.0%
35.8%	43.6	43.6	0.0	0.0%
37.0%	43.6	43.6	0.0	0.0%
38.3%	43.6	43.6	0.0	0.0%
39.5%	43.5	43.6	0.1	0.2%
40.7%	43.5	43.5	0.0	0.0%
42.0%	43.5	43.5	0.0	0.0%
43.2%	43.4	43.4	0.0	0.0%
44.4%	43.4	43.4	0.0	0.0%
45.7%	43.4	43.4	0.0	0.0%
46.9%	43.4	43.4	0.0	0.0%
48.1%	43.3	43.3	0.0	0.0%
49.4%	43.3	43.3	0.0	0.0%
50.6%	43.2	43.2	0.0	0.0%
51.9%	43.2	43.2	0.0	0.0%
53.1%	43.2	43.2	0.0	0.0%
54.3%	43.1	43.1	0.0	0.0%
55.6%	43.0	43.0	0.0	0.0%
56.8%	42.9	42.9	0.0	0.0%
58.0%	42.9	42.9	0.0	0.0%
59.3%	42.8	42.8	0.0	0.0%
60.5%	42.6	42.6	0.0	0.0%
61.7%	42.5	42.5	0.0	0.0%
63.0%	42.4	42.5	0.1	0.2%
64.2%	42.4	42.4	0.0	0.0%
65.4%	42.4	42.4	0.0	0.0%
66.7%	42.4	42.4	0.0	0.0%
67.9%	42.2	42.4	0.2	0.5%
69.1%	42.2	42.2	0.0	0.0%
70.4%	42.1	42.2	0.1	0.2%
71.6%	42.1	42.1	0.0	0.0%
72.8%	42.1	42.1	0.0	0.0%
74.1%	41.9	42.1	0.2	0.5%
75.3%	41.9	42.0	0.1	0.2%
76.5%	41.9	41.9	0.0	0.0%
77.8%	41.8	41.8	0.0	0.0%
79.0%	41.8	41.8	0.0	0.0%
80.2%	41.7	41.7	0.0	0.0%
81.5%	41.7	41.7	0.0	0.0%
82.7%	41.6	41.6	0.0	0.0%
84.0%	41.6	41.6	0.0	0.0%
85.2%	41.6	41.6	0.0	0.0%
86.4%	41.3	41.2	-0.1	-0.2%
87.7%	40.7	40.7	0.0	0.0%
88.9%	40.7	40.7	0.0	0.0%
90.1%	40.6	40.6	0.0	0.0%
91.4%	40.5	40.5	0.0	0.0%
92.6%	40.5	40.5	0.0	0.0%
93.8%	40.3	40.5	0.2	0.5%
95.1%	40.3	40.3	0.0	0.0%
96.3%	39.2	39.2	0.0	0.0%
97.5%	39.0	39.1	0.1	0.3%
98.8%	38.7	38.7	0.0	0.0%
100.0%	38.7	38.7	0.0	0.0%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	52.3	52.6	0.3	0.6%
1.2%	51.4	52.0	0.6	1.2%
2.5%	49.9	49.9	0.0	0.0%
3.7%	49.4	49.4	0.0	0.0%
4.9%	49.2	49.2	0.0	0.0%
6.2%	49.2	49.2	0.0	0.0%
7.4%	49.2	49.2	0.0	0.0%
8.6%	49.1	49.1	0.0	0.0%
9.9%	48.9	49.0	0.1	0.2%
11.1%	48.8	48.8	0.0	0.0%
12.3%	48.6	48.6	0.0	0.0%
13.6%	48.6	48.5	-0.1	-0.2%
14.8%	48.6	48.5	-0.1	-0.2%
16.0%	48.5	48.4	-0.1	-0.2%
17.3%	48.4	48.2	-0.2	-0.4%
18.5%	48.4	48.2	-0.2	-0.4%
19.8%	48.3	48.1	-0.2	-0.4%
21.0%	48.2	48.1	-0.1	-0.2%
22.2%	48.0	48.0	0.0	0.0%
23.5%	48.0	48.0	0.0	0.0%
24.7%	48.0	47.9	-0.1	-0.2%
25.9%	47.9	47.9	0.0	0.0%
27.2%	47.9	47.9	0.0	0.0%
28.4%	47.9	47.8	-0.1	-0.2%
29.6%	47.8	47.7	-0.1	-0.2%
30.9%	47.8	47.6	-0.2	-0.4%
32.1%	47.8	47.6	-0.2	-0.4%
33.3%	47.7	47.5	-0.2	-0.4%
34.6%	47.6	47.4	-0.2	-0.4%
35.8%	47.6	47.4	-0.2	-0.4%
37.0%	47.5	47.3	-0.2	-0.4%
38.3%	47.4	47.3	-0.1	-0.2%
39.5%	47.4	47.2	-0.2	-0.4%
40.7%	47.3	47.1	-0.2	-0.4%
42.0%	47.3	47.0	-0.3	-0.6%
43.2%	47.1	47.0	-0.1	-0.2%
44.4%	47.0	47.0	0.0	0.0%
45.7%	47.0	47.0	0.0	0.0%
46.9%	47.0	46.9	-0.1	-0.2%
48.1%	46.9	46.8	-0.1	-0.2%
49.4%	46.9	46.7	-0.2	-0.4%
50.6%	46.8	46.7	-0.1	-0.2%
51.9%	46.6	46.6	0.0	0.0%
53.1%	46.6	46.6	0.0	0.0%
54.3%	46.6	46.6	0.0	0.0%
55.6%	46.6	46.5	-0.1	-0.2%
56.8%	46.4	46.4	0.0	0.0%
58.0%	46.4	46.4	0.0	0.0%
59.3%	46.4	46.4	0.0	0.0%
60.5%	46.4	46.3	-0.1	-0.2%
61.7%	46.3	46.3	0.0	0.0%
63.0%	46.3	46.3	0.0	0.0%
64.2%	46.3	46.3	0.0	0.0%
65.4%	46.3	46.3	0.0	0.0%
66.7%	46.2	46.0	-0.2	-0.4%
67.9%	46.0	45.8	-0.2	-0.4%
69.1%	45.8	45.8	0.0	0.0%
70.4%	45.7	45.6	-0.1	-0.2%
71.6%	45.7	45.5	-0.2	-0.4%
72.8%	45.7	45.5	-0.2	-0.4%
74.1%	45.6	45.5	-0.1	-0.2%
75.3%	45.5	45.5	0.0	0.0%
76.5%	45.5	45.5	0.0	0.0%
77.8%	45.5	45.4	-0.1	-0.2%
79.0%	45.4	45.3	-0.1	-0.2%
80.2%	45.4	45.2	-0.2	-0.4%
81.5%	45.3	45.2	-0.1	-0.2%
82.7%	45.3	45.1	-0.2	-0.4%
84.0%	45.2	45.1	-0.1	-0.2%
85.2%	45.0	45.0	0.0	0.0%
86.4%	45.0	44.9	-0.1	-0.2%
87.7%	44.9	44.7	-0.2	-0.4%
88.9%	44.7	44.5	-0.2	-0.4%
90.1%	44.5	44.5	0.0	0.0%
91.4%	44.4	44.4	0.0	0.0%
92.6%	44.4	44.3	-0.1	-0.2%
93.8%	44.3	44.3	0.0	0.0%
95.1%	43.9	43.9	0.0	0.0%
96.3%	43.8	43.8	0.0	0.0%
97.5%	43.5	43.5	0.0	0.0%
98.8%	42.9	42.9	0.0	0.0%
100.0%	42.9	42.9	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.1	56.1	0.0	0.0%
1.2%	55.6	55.6	0.0	0.0%
2.5%	55.0	55.3	0.3	0.5%
3.7%	54.9	54.7	-0.2	-0.4%
4.9%	54.8	54.4	-0.4	-0.7%
6.2%	54.8	54.4	-0.4	-0.7%
7.4%	54.4	54.4	0.0	0.0%
8.6%	54.4	54.3	-0.1	-0.2%
9.9%	54.3	54.0	-0.3	-0.6%
11.1%	54.3	54.0	-0.3	-0.6%
12.3%	54.0	53.9	-0.1	-0.2%
13.6%	53.9	53.9	0.0	0.0%
14.8%	53.9	53.7	-0.2	-0.4%
16.0%	53.8	53.7	-0.1	-0.2%
17.3%	53.7	53.7	0.0	0.0%
18.5%	53.7	53.6	-0.1	-0.2%
19.8%	53.6	53.5	-0.1	-0.2%
21.0%	53.4	53.3	-0.1	-0.2%
22.2%	53.2	53.2	0.0	0.0%
23.5%	53.2	53.2	0.0	0.0%
24.7%	53.1	53.1	0.0	0.0%
25.9%	53.0	53.0	0.0	0.0%
27.2%	52.9	52.9	0.0	0.0%
28.4%	52.7	52.7	0.0	0.0%
29.6%	52.7	52.7	0.0	0.0%
30.9%	52.7	52.6	-0.1	-0.2%
32.1%	52.6	52.6	0.0	0.0%
33.3%	52.6	52.6	0.0	0.0%
34.6%	52.6	52.5	-0.1	-0.2%
35.8%	52.5	52.5	0.0	0.0%
37.0%	52.4	52.4	0.0	0.0%
38.3%	52.4	52.3	-0.1	-0.2%
39.5%	52.3	52.2	-0.1	-0.2%
40.7%	52.2	52.2	0.0	0.0%
42.0%	52.2	52.1	-0.1	-0.2%
43.2%	52.1	52.1	0.0	0.0%
44.4%	52.1	52.0	-0.1	-0.2%
45.7%	52.0	51.9	-0.1	-0.2%
46.9%	51.9	51.8	-0.1	-0.2%
48.1%	51.9	51.8	-0.1	-0.2%
49.4%	51.7	51.8	0.1	0.2%
50.6%	51.6	51.7	0.1	0.2%
51.9%	51.6	51.7	0.1	0.2%
53.1%	51.6	51.6	0.0	0.0%
54.3%	51.5	51.6	0.1	0.2%
55.6%	51.4	51.5	0.1	0.2%
56.8%	51.4	51.4	0.0	0.0%
58.0%	51.3	51.4	0.1	0.2%
59.3%	51.3	51.3	0.0	0.0%
60.5%	51.3	51.3	0.0	0.0%
61.7%	51.3	51.3	0.0	0.0%
63.0%	51.2	51.3	0.1	0.2%
64.2%	51.2	51.2	0.0	0.0%
65.4%	51.1	51.2	0.1	0.2%
66.7%	51.0	51.1	0.1	0.2%
67.9%	50.9	50.9	0.0	0.0%
69.1%	50.9	50.9	0.0	0.0%
70.4%	50.9	50.8	-0.1	-0.2%
71.6%	50.9	50.8	-0.1	-0.2%
72.8%	50.9	50.8	-0.1	-0.2%
74.1%	50.8	50.8	0.0	0.0%
75.3%	50.6	50.7	0.1	0.2%
76.5%	50.5	50.5	0.0	0.0%
77.8%	50.5	50.5	0.0	0.0%
79.0%	50.4	50.4	0.0	0.0%
80.2%	50.4	50.2	-0.2	-0.4%
81.5%	50.3	50.2	-0.1	-0.2%
82.7%	50.2	50.0	-0.2	-0.4%
84.0%	50.2	50.0	-0.2	-0.4%
85.2%	50.2	49.9	-0.3	-0.6%
86.4%	49.9	49.7	-0.2	-0.4%
87.7%	49.7	49.4	-0.3	-0.6%
88.9%	49.5	49.4	-0.1	-0.2%
90.1%	49.4	49.3	-0.1	-0.2%
91.4%	49.4	49.1	-0.3	-0.6%
92.6%	48.7	48.7	0.0	0.0%
93.8%	48.6	48.6	0.0	0.0%
95.1%	48.4	48.4	0.0	0.0%
96.3%	48.4	48.4	0.0	0.0%
97.5%	48.3	48.4	0.1	0.2%
98.8%	47.5	47.5	0.0	0.0%
100.0%	47.5	47.5	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.0	56.0	0.0	0.0%
1.2%	55.9	55.9	0.0	0.0%
2.5%	53.6	53.5	-0.1	-0.2%
3.7%	52.8	53.0	0.2	0.4%
4.9%	52.7	52.7	0.0	0.0%
6.2%	52.6	52.5	-0.1	-0.2%
7.4%	52.3	52.3	0.0	0.0%
8.6%	52.1	52.0	-0.1	-0.2%
9.9%	51.4	52.0	0.6	1.2%
11.1%	51.1	51.1	0.0	0.0%
12.3%	51.1	51.0	-0.1	-0.2%
13.6%	50.9	51.0	0.1	0.2%
14.8%	50.8	50.3	-0.5	-1.0%
16.0%	50.3	50.2	-0.1	-0.2%
17.3%	50.2	50.1	-0.1	-0.2%
18.5%	50.1	50.0	-0.1	-0.2%
19.8%	50.0	49.9	-0.1	-0.2%
21.0%	49.9	49.8	-0.1	-0.2%
22.2%	49.9	49.8	-0.1	-0.2%
23.5%	49.8	49.7	-0.1	-0.2%
24.7%	49.8	49.6	-0.2	-0.4%
25.9%	49.5	49.5	0.0	0.0%
27.2%	49.5	49.5	0.0	0.0%
28.4%	49.5	49.3	-0.2	-0.4%
29.6%	49.3	49.3	0.0	0.0%
30.9%	49.3	49.3	0.0	0.0%
32.1%	49.3	49.3	0.0	0.0%
33.3%	49.3	49.3	0.0	0.0%
34.6%	49.3	49.2	-0.1	-0.2%
35.8%	49.2	49.2	0.0	0.0%
37.0%	49.2	49.0	-0.2	-0.4%
38.3%	49.0	49.0	0.0	0.0%
39.5%	48.9	48.8	-0.1	-0.2%
40.7%	48.8	48.8	0.0	0.0%
42.0%	48.8	48.8	0.0	0.0%
43.2%	48.8	48.7	-0.1	-0.2%
44.4%	48.7	48.7	0.0	0.0%
45.7%	48.6	48.6	0.0	0.0%
46.9%	48.6	48.6	0.0	0.0%
48.1%	48.6	48.6	0.0	0.0%
49.4%	48.3	48.3	0.0	0.0%
50.6%	48.3	48.2	-0.1	-0.2%
51.9%	48.2	48.2	0.0	0.0%
53.1%	48.2	48.1	-0.1	-0.2%
54.3%	48.1	48.1	0.0	0.0%
55.6%	48.1	48.0	-0.1	-0.2%
56.8%	48.0	47.9	-0.1	-0.2%
58.0%	47.9	47.9	0.0	0.0%
59.3%	47.9	47.9	0.0	0.0%
60.5%	47.9	47.9	0.0	0.0%
61.7%	47.8	47.8	0.0	0.0%
63.0%	47.7	47.7	0.0	0.0%
64.2%	47.7	47.7	0.0	0.0%
65.4%	47.7	47.7	0.0	0.0%
66.7%	47.7	47.7	0.0	0.0%
67.9%	47.7	47.7	0.0	0.0%
69.1%	47.6	47.6	0.0	0.0%
70.4%	47.6	47.6	0.0	0.0%
71.6%	47.6	47.6	0.0	0.0%
72.8%	47.6	47.5	-0.1	-0.2%
74.1%	47.5	47.5	0.0	0.0%
75.3%	47.5	47.5	0.0	0.0%
76.5%	47.4	47.4	0.0	0.0%
77.8%	47.3	47.3	0.0	0.0%
79.0%	47.2	47.3	0.1	0.2%
80.2%	47.2	47.2	0.0	0.0%
81.5%	47.1	47.1	0.0	0.0%
82.7%	47.1	47.1	0.0	0.0%
84.0%	47.1	47.0	-0.1	-0.2%
85.2%	46.9	46.9	0.0	0.0%
86.4%	46.9	46.9	0.0	0.0%
87.7%	46.8	46.9	0.1	0.2%
88.9%	46.8	46.9	0.1	0.2%
90.1%	46.7	46.6	-0.1	-0.2%
91.4%	46.5	46.5	0.0	0.0%
92.6%	46.4	46.5	0.1	0.2%
93.8%	46.4	46.4	0.0	0.0%
95.1%	46.4	46.1	-0.3	-0.6%
96.3%	46.1	45.5	-0.6	-1.3%
97.5%	45.5	45.4	-0.1	-0.2%
98.8%	45.3	45.4	0.1	0.2%
100.0%	45.3	45.4	0.1	0.2%

Table SQ-34-7b

Trinity River at Douglas City, Monthly Temperature

Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	64.8	64.8	0.0	0.0%
1.2%	63.2	62.8	-0.4	-0.6%
2.5%	62.8	62.1	-0.7	-1.1%
3.7%	62.1	62.1	0.0	0.0%
4.9%	62.0	61.6	-0.4	-0.6%
6.2%	61.5	61.5	0.0	0.0%
7.4%	61.3	61.5	0.2	0.3%
8.6%	61.1	61.0	-0.1	-0.2%
9.9%	60.4	61.0	0.6	1.0%
11.1%	60.3	60.9	0.6	1.0%
12.3%	60.1	60.3	0.2	0.3%
13.6%	59.6	60.2	0.6	1.0%
14.8%	59.1	59.6	0.5	0.8%
16.0%	59.0	59.1	0.1	0.2%
17.3%	59.0	59.0	0.0	0.0%
18.5%	58.8	58.9	0.1	0.2%
19.8%	58.4	58.7	0.3	0.5%
21.0%	57.9	58.3	0.4	0.7%
22.2%	57.6	57.6	0.0	0.0%
23.5%	57.6	57.2	-0.4	-0.7%
24.7%	57.3	57.1	-0.2	-0.3%
25.9%	57.2	57.0	-0.2	-0.3%
27.2%	57.2	56.8	-0.4	-0.7%
28.4%	57.1	56.7	-0.4	-0.7%
29.6%	57.0	56.7	-0.3	-0.5%
30.9%	57.0	56.5	-0.5	-0.9%
32.1%	56.8	56.5	-0.3	-0.5%
33.3%	56.7	56.4	-0.3	-0.5%
34.6%	56.4	56.3	-0.1	-0.2%
35.8%	55.8	55.9	0.1	0.2%
37.0%	55.7	55.8	0.1	0.2%
38.3%	55.3	55.3	0.0	0.0%
39.5%	55.2	55.2	0.0	0.0%
40.7%	54.8	55.1	0.3	0.5%
42.0%	54.6	54.8	0.2	0.4%
43.2%	54.6	54.6	0.0	0.0%
44.4%	54.5	54.6	0.1	0.2%
45.7%	54.5	54.5	0.0	0.0%
46.9%	54.5	54.5	0.0	0.0%
48.1%	54.3	54.5	0.2	0.4%
49.4%	54.2	54.3	0.1	0.2%
50.6%	54.2	54.2	0.0	0.0%
51.9%	54.1	54.2	0.1	0.2%
53.1%	54.0	54.2	0.2	0.4%
54.3%	54.0	54.1	0.1	0.2%
55.6%	53.9	53.9	0.0	0.0%
56.8%	53.9	53.9	0.0	0.0%
58.0%	53.8	53.8	0.0	0.0%
59.3%	53.5	53.6	0.1	0.2%
60.5%	53.5	53.5	0.0	0.0%
61.7%	53.5	53.4	-0.1	-0.2%
63.0%	53.4	53.2	-0.2	-0.4%
64.2%	53.2	53.1	-0.1	-0.2%
65.4%	53.1	53.1	0.0	0.0%
66.7%	53.1	53.1	0.0	0.0%
67.9%	53.1	53.0	-0.1	-0.2%
69.1%	53.0	53.0	0.0	0.0%
70.4%	53.0	52.8	-0.2	-0.4%
71.6%	52.8	52.7	-0.1	-0.2%
72.8%	52.8	52.6	-0.2	-0.4%
74.1%	52.7	52.6	-0.1	-0.2%
75.3%	52.6	52.5	-0.1	-0.2%
76.5%	52.6	52.5	-0.1	-0.2%
77.8%	52.5	52.4	-0.1	-0.2%
79.0%	52.5	52.3	-0.2	-0.4%
80.2%	52.1	52.1	0.0	0.0%
81.5%	51.6	51.6	0.0	0.0%
82.7%	50.9	51.0	0.1	0.2%
84.0%	50.3	50.3	0.0	0.0%
85.2%	50.1	50.1	0.0	0.0%
86.4%	49.9	49.9	0.0	0.0%
87.7%	49.8	49.8	0.0	0.0%
88.9%	49.8	49.7	-0.1	-0.2%
90.1%	49.5	49.5	0.0	0.0%
91.4%	49.4	49.5	0.1	0.2%
92.6%	49.2	48.7	-0.5	-1.0%
93.8%	48.2	48.2	0.0	0.0%
95.1%	47.8	47.8	0.0	0.0%
96.3%	47.6	47.6	0.0	0.0%
97.5%	47.2	47.2	0.0	0.0%
98.8%	46.8	46.9	0.1	0.2%
100.0%	46.8	46.9	0.1	0.2%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.1	65.7	-0.4	-0.6%
1.2%	65.3	64.3	-1.0	-1.5%
2.5%	64.5	63.5	-1.0	-1.6%
3.7%	63.8	63.0	-0.8	-1.3%
4.9%	62.9	62.9	0.0	0.0%
6.2%	62.7	62.6	-0.1	-0.2%
7.4%	62.6	62.6	0.0	0.0%
8.6%	62.6	62.5	-0.1	-0.2%
9.9%	62.6	62.5	-0.1	-0.2%
11.1%	62.5	62.5	0.0	0.0%
12.3%	62.0	62.0	0.0	0.0%
13.6%	61.9	62.0	0.1	0.2%
14.8%	61.8	62.0	0.2	0.3%
16.0%	61.7	61.9	0.2	0.3%
17.3%	61.5	61.5	0.0	0.0%
18.5%	61.4	61.4	0.0	0.0%
19.8%	61.3	61.2	-0.1	-0.2%
21.0%	61.2	61.1	-0.1	-0.2%
22.2%	61.1	60.9	-0.2	-0.3%
23.5%	60.8	60.9	0.1	0.2%
24.7%	60.8	60.8	0.0	0.0%
25.9%	60.7	60.7	0.0	0.0%
27.2%	60.3	60.6	0.3	0.5%
28.4%	60.1	60.3	0.2	0.3%
29.6%	60.0	60.1	0.1	0.2%
30.9%	60.0	60.1	0.1	0.2%
32.1%	59.9	60.0	0.1	0.2%
33.3%	59.7	59.7	0.0	0.0%
34.6%	59.7	59.7	0.0	0.0%
35.8%	59.6	59.7	0.1	0.2%
37.0%	59.4	59.4	0.0	0.0%
38.3%	59.3	59.2	-0.1	-0.2%
39.5%	59.0	59.2	0.2	0.3%
40.7%	58.9	59.2	0.3	0.5%
42.0%	58.9	59.0	0.1	0.2%
43.2%	58.8	58.9	0.1	0.2%
44.4%	58.7	58.8	0.1	0.2%
45.7%	58.5	58.7	0.2	0.3%
46.9%	58.5	58.5	0.0	0.0%
48.1%	58.5	58.5	0.0	0.0%
49.4%	58.4	58.5	0.1	0.2%
50.6%	58.2	58.4	0.2	0.3%
51.9%	58.1	58.3	0.2	0.3%
53.1%	58.0	58.0	0.0	0.0%
54.3%	58.0	58.0	0.0	0.0%
55.6%	57.9	57.9	0.0	0.0%
56.8%	57.8	57.8	0.0	0.0%
58.0%	57.8	57.8	0.0	0.0%
59.3%	57.7	57.7	0.0	0.0%
60.5%	57.5	57.5	0.0	0.0%
61.7%	57.4	57.4	0.0	0.0%
63.0%	57.4	57.4	0.0	0.0%
64.2%	57.4	57.4	0.0	0.0%
65.4%	57.3	57.3	0.0	0.0%
66.7%	57.2	57.2	0.0	0.0%
67.9%	57.2	57.2	0.0	0.0%
69.1%	57.1	57.1	0.0	0.0%
70.4%	57.1	57.1	0.0	0.0%
71.6%	57.0	57.0	0.0	0.0%
72.8%	57.0	57.0	0.0	0.0%
74.1%	56.9	56.9	0.0	0.0%
75.3%	56.7	56.8	0.1	0.2%
76.5%	56.7	56.7	0.0	0.0%
77.8%	56.6	56.7	0.1	0.2%
79.0%	56.4	56.4	0.0	0.0%
80.2%	56.2	56.1	-0.1	-0.2%
81.5%	56.1	56.0	-0.1	-0.2%
82.7%	56.0	56.0	0.0	0.0%
84.0%	56.0	55.9	-0.1	-0.2%
85.2%	55.9	55.6	-0.3	-0.5%
86.4%	55.6	55.5	-0.1	-0.2%
87.7%	55.5	55.4	-0.1	-0.2%
88.9%	55.4	55.3	-0.1	-0.2%
90.1%	55.1	55.1	0.0	0.0%
91.4%	55.0	55.0	0.0	0.0%
92.6%	54.6	54.6	0.0	0.0%
93.8%	54.6	54.5	-0.1	-0.2%
95.1%	54.2	54.2	0.0	0.0%
96.3%	54.1	54.2	0.1	0.2%
97.5%	51.4	51.4	0.0	0.0%
98.8%	49.7	49.7	0.0	0.0%
100.0%	49.7	49.7	0.0	0.0%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.8	66.9	-0.9	-1.3%
1.2%	66.9	64.6	-2.3	-3.4%
2.5%	65.5	64.2	-1.3	-2.0%
3.7%	64.2	63.7	-0.5	-0.8%
4.9%	64.2	63.1	-1.1	-1.7%
6.2%	63.1	62.5	-0.6	-1.0%
7.4%	62.7	62.4	-0.3	-0.5%
8.6%	62.6	62.3	-0.3	-0.5%
9.9%	62.4	61.7	-0.7	-1.1%
11.1%	62.3	61.7	-0.6	-1.0%
12.3%	62.1	61.7	-0.4	-0.6%
13.6%	61.7	61.5	-0.2	-0.3%
14.8%	61.7	61.2	-0.5	-0.8%
16.0%	61.3	60.9	-0.4	-0.7%
17.3%	60.9	60.5	-0.4	-0.7%
18.5%	60.8	60.3	-0.5	-0.8%
19.8%	60.7	60.3	-0.4	-0.7%
21.0%	60.5	60.2	-0.3	-0.5%
22.2%	60.4	60.1	-0.3	-0.5%
23.5%	60.4	60.1	-0.3	-0.5%
24.7%	60.3	60.1	-0.2	-0.3%
25.9%	60.3	60.1	-0.2	-0.3%
27.2%	60.1	59.9	-0.2	-0.3%
28.4%	60.1	59.9	-0.2	-0.3%
29.6%	60.1	59.8	-0.3	-0.5%
30.9%	59.9	59.8	-0.1	-0.2%
32.1%	59.9	59.6	-0.3	-0.5%
33.3%	59.8	59.6	-0.2	-0.3%
34.6%	59.8	59.6	-0.2	-0.3%
35.8%	59.7	59.5	-0.2	-0.3%
37.0%	59.6	59.5	-0.1	-0.2%
38.3%	59.6	59.5	-0.1	-0.2%
39.5%	59.5	59.5	0.0	0.0%
40.7%	59.5	59.5	0.0	0.0%
42.0%	59.4	59.4	0.0	0.0%
43.2%	59.4	59.4	0.0	0.0%
44.4%	59.4	59.4	0.0	0.0%
45.7%	59.4	59.4	0.0	0.0%
46.9%	59.3	59.4	0.1	0.2%
48.1%	59.2	59.3	0.1	0.2%
49.4%	59.2	59.3	0.1	0.2%
50.6%	59.1	59.3	0.2	0.3%
51.9%	59.0	59.0	0.0	0.0%
53.1%	58.9	59.0	0.1	0.2%
54.3%	58.9	58.9	0.0	0.0%
55.6%	58.9	58.8	-0.1	-0.2%
56.8%	58.7	58.7	0.0	0.0%
58.0%	58.7	58.6	-0.1	-0.2%
59.3%	58.6	58.6	0.0	0.0%
60.5%	58.6	58.5	-0.1	-0.2%
61.7%	58.5	58.5	0.0	0.0%
63.0%	58.5	58.5	0.0	0.0%
64.2%	58.5	58.5	0.0	0.0%
65.4%	58.5	58.4	-0.1	-0.2%
66.7%	58.4	58.4	0.0	0.0%
67.9%	58.4	58.3	-0.1	-0.2%
69.1%	58.3	58.2	-0.1	-0.2%
70.4%	58.3	58.2	-0.1	-0.2%
71.6%	58.2	58.2	0.0	0.0%
72.8%	58.2	58.2	0.0	0.0%
74.1%	58.2	58.2	0.0	0.0%
75.3%	58.1	58.1	0.0	0.0%
76.5%	58.1	58.1	0.0	0.0%
77.8%	58.1	58.1	0.0	0.0%
79.0%	58.0	58.0	0.0	0.0%
80.2%	58.0	57.9	-0.1	-0.2%
81.5%	57.9	57.7	-0.2	-0.3%
82.7%	57.5	57.7	0.2	0.3%
84.0%	57.4	57.5	0.1	0.2%
85.2%	57.2	57.1	-0.1	-0.2%
86.4%	57.1	57.1	0.0	0.0%
87.7%	57.0	57.1	0.1	0.2%
88.9%	56.9	57.1	0.2	0.4%
90.1%	56.9	57.0	0.1	0.2%
91.4%	56.8	56.9	0.1	0.2%
92.6%	56.4	56.8	0.4	0.7%
93.8%	56.3	56.4	0.1	0.2%
95.1%	56.3	56.3	0.0	0.0%
96.3%	56.1	56.0	-0.1	-0.2%
97.5%	55.1	55.3	0.2	0.4%
98.8%	54.5	55.1	0.6	1.1%
100.0%	54.5	55.1	0.6	1.1%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.3	64.5	-1.8	-2.7%
1.2%	65.5	64.2	-1.3	-2.0%
2.5%	62.4	61.3	-1.1	-1.8%
3.7%	61.8	60.2	-1.6	-2.6%
4.9%	61.3	59.0	-2.3	-3.8%
6.2%	60.7	58.9	-1.8	-3.0%
7.4%	60.3	58.4	-1.9	-3.2%
8.6%	59.8	58.1	-1.7	-2.8%
9.9%	58.5	58.1	-0.4	-0.7%
11.1%	57.8	58.0	0.2	0.3%
12.3%	57.8	57.8	0.0	0.0%
13.6%	57.7	57.7	0.0	0.0%
14.8%	57.5	57.4	-0.1	-0.2%
16.0%	57.1	57.0	-0.1	-0.2%
17.3%	57.0	56.6	-0.4	-0.7%
18.5%	56.6	56.6	0.0	0.0%
19.8%	56.6	56.6	0.0	0.0%
21.0%	56.6	56.3	-0.3	-0.5%
22.2%	56.3	56.3	0.0	0.0%
23.5%	56.3	56.2	-0.1	-0.2%
24.7%	55.9	56.1	0.2	0.4%
25.9%	55.9	56.0	0.1	0.2%
27.2%	55.9	55.9	0.0	0.0%
28.4%	55.8	55.8	0.0	0.0%
29.6%	55.8	55.8	0.0	0.0%
30.9%	55.7	55.7	0.0	0.0%
32.1%	55.5	55.7	0.2	0.4%
33.3%	55.4	55.5	0.1	0.2%
34.6%	55.4	55.4	0.0	0.0%
35.8%	55.4	55.4	0.0	0.0%
37.0%	55.4	55.4	0.0	0.0%
38.3%	55.3	55.4	0.1	0.2%
39.5%	55.3	55.4	0.1	0.2%
40.7%	55.3	55.4	0.1	0.2%
42.0%	55.2	55.3	0.1	0.2%
43.2%	55.2	55.1	-0.1	-0.2%
44.4%	55.1	55.1	0.0	0.0%
45.7%	55.0	55.0	0.0	0.0%
46.9%	55.0	54.9	-0.1	-0.2%
48.1%	54.9	54.9	0.0	0.0%
49.4%	54.9	54.9	0.0	0.0%
50.6%	54.8	54.9	0.1	0.2%
51.9%	54.8	54.8	0.0	0.0%
53.1%	54.8	54.8	0.0	0.0%
54.3%	54.8	54.8	0.0	0.0%
55.6%	54.7	54.7	0.0	0.0%
56.8%	54.7	54.7	0.0	0.0%
58.0%	54.7	54.6	-0.1	-0.2%
59.3%	54.6	54.5	-0.1	-0.2%
60.5%	54.6	54.5	-0.1	-0.2%
61.7%	54.6	54.5	-0.1	-0.2%
63.0%	54.6	54.4	-0.2	-0.4%
64.2%	54.5	54.4	-0.1	-0.2%
65.4%	54.4	54.3	-0.1	-0.2%
66.7%	54.3	54.3	0.0	0.0%
67.9%	54.3	54.3	0.0	0.0%
69.1%	54.3	54.1	-0.2	-0.4%
70.4%	54.1	54.1	0.0	0.0%
71.6%	54.1	54.0	-0.1	-0.2%
72.8%	54.0	54.0	0.0	0.0%
74.1%	54.0	53.9	-0.1	-0.2%
75.3%	54.0	53.9	-0.1	-0.2%
76.5%	53.9	53.7	-0.2	-0.4%
77.8%	53.9	53.7	-0.2	-0.4%
79.0%	53.8	53.7	-0.1	-0.2%
80.2%	53.7	53.6	-0.1	-0.2%
81.5%	53.7	53.6	-0.1	-0.2%
82.7%	53.6	53.5	-0.1	-0.2%
84.0%	53.6	53.4	-0.2	-0.4%
85.2%	53.6	53.3	-0.3	-0.6%
86.4%	53.3	53.3	0.0	0.0%
87.7%	53.3	53.3	0.0	0.0%
88.9%	53.2	53.1	-0.1	-0.2%
90.1%	53.0	53.0	0.0	0.0%
91.4%	53.0	53.0	0.0	0.0%
92.6%	53.0	53.0	0.0	0.0%
93.8%	53.0	52.5	-0.5	-0.9%
95.1%	52.6	52.5	-0.1	-0.2%
96.3%	52.3	52.2	-0.1	-0.2%
97.5%	51.5	51.6	0.1	0.2%
98.8%	50.9	50.6	-0.3	-0.6%
100.0%	50.9	50.6	-0.3	-0.6%

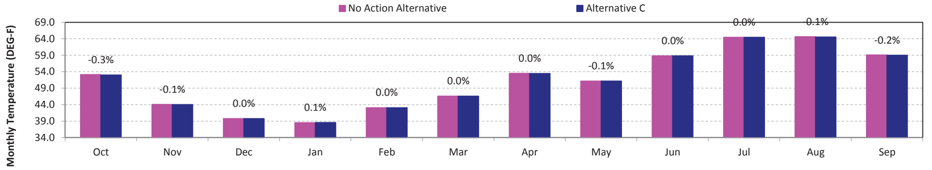
Table SQ-35-7a
Trinity River at North Fork, Monthly Temperature
Long-term Average and Average by Water Year Type

Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	53.2	44.1	39.8	38.5	43.1	46.6	53.5	51.2	58.8	64.5	64.6	59.1
Alternative C	53.0	44.0	39.8	38.6	43.1	46.6	53.5	51.2	58.8	64.5	64.6	59.0
Difference	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1
Percent Difference[3]	-0.3%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	-0.2%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	52.5	44.1	40.5	39.6	43.3	46.0	52.7	50.1	55.3	62.8	64.9	59.0
Alternative C	52.5	44.1	40.5	39.7	43.3	46.0	52.7	50.1	55.3	62.8	64.8	59.1
Difference	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1
Percent Difference	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.1%
Above Normal (15%)												
No Action Alternative	52.5	42.8	39.6	38.3	43.1	46.4	53.5	50.3	57.8	63.4	64.1	58.3
Alternative C	52.4	42.7	39.6	38.3	43.1	46.4	53.5	50.3	57.6	63.3	64.0	58.2
Difference	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.1	-0.1	-0.1
Percent Difference	-0.2%	-0.3%	0.1%	0.0%	0.1%	0.1%	0.0%	0.0%	-0.3%	-0.2%	-0.2%	-0.2%
Below Normal (17%)												
No Action Alternative	53.6	44.4	39.5	37.9	42.6	46.5	53.9	50.9	59.5	64.9	64.9	59.5
Alternative C	53.5	44.4	39.6	37.9	42.6	46.5	53.9	50.9	59.5	64.9	64.9	59.4
Difference	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Percent Difference	-0.2%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.2%
Dry (22%)												
No Action Alternative	53.0	44.2	39.8	37.7	42.8	46.9	54.0	51.5	61.5	65.2	63.9	58.5
Alternative C	52.9	44.1	39.9	37.8	42.8	46.9	53.9	51.5	61.5	65.2	64.0	58.4
Difference	-0.1	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1
Percent Difference	-0.2%	-0.2%	0.0%	0.3%	0.0%	0.0%	-0.1%	0.0%	0.1%	-0.1%	0.2%	-0.2%
Critical (15%)												
No Action Alternative	54.9	44.6	38.5	38.3	43.4	47.5	54.0	54.3	63.2	67.8	65.4	60.6
Alternative C	54.3	44.5	38.5	38.4	43.4	47.5	54.0	54.1	63.2	67.8	64.9	60.1
Difference	-0.6	-0.1	0.0	0.1	0.0	0.0	0.0	-0.2	0.0	0.1	-0.4	-0.5
Percent Difference	-1.1%	-0.2%	0.0%	0.3%	0.0%	-0.1%	0.0%	-0.3%	0.0%	0.1%	-0.7%	-0.9%

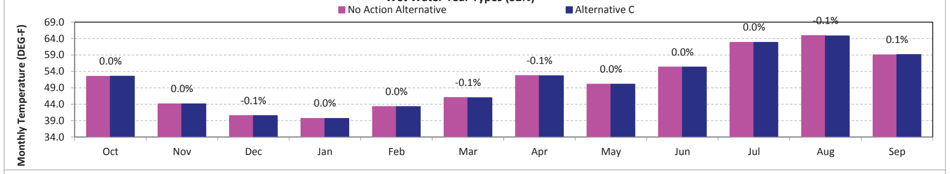
1 Based on the 82-year simulation period

2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

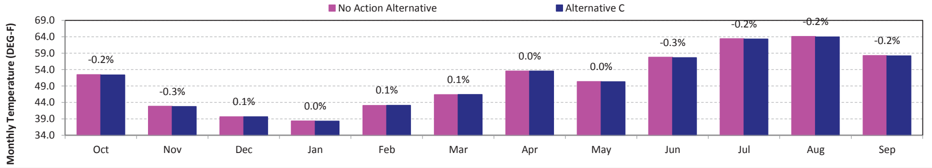
3 Relative difference of the monthly average



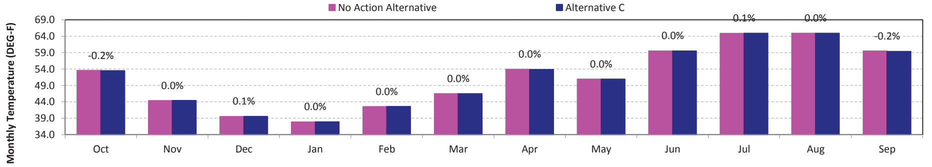
Trinity River at North Fork, Monthly Temperature
Full Simulation Period



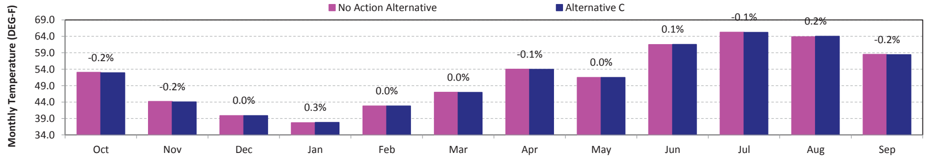
Trinity River at North Fork, Monthly Temperature
Wet Water Year Types (32%)



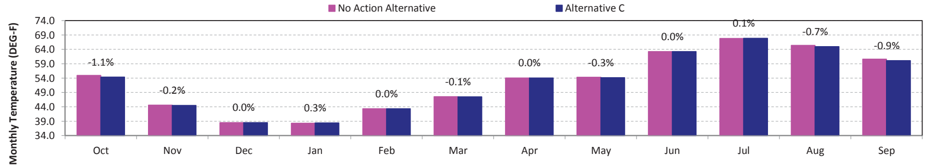
Trinity River at North Fork, Monthly Temperature
Above Normal Water Year Types (15%)



Trinity River at North Fork, Monthly Temperature
Below Normal Water Year Types (17%)



Trinity River at North Fork, Monthly Temperature
Dry Water Year Types (22%)



Trinity River at North Fork, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-35-7b
Trinity River at North Fork, Monthly Temperature
Probability of Exceedance

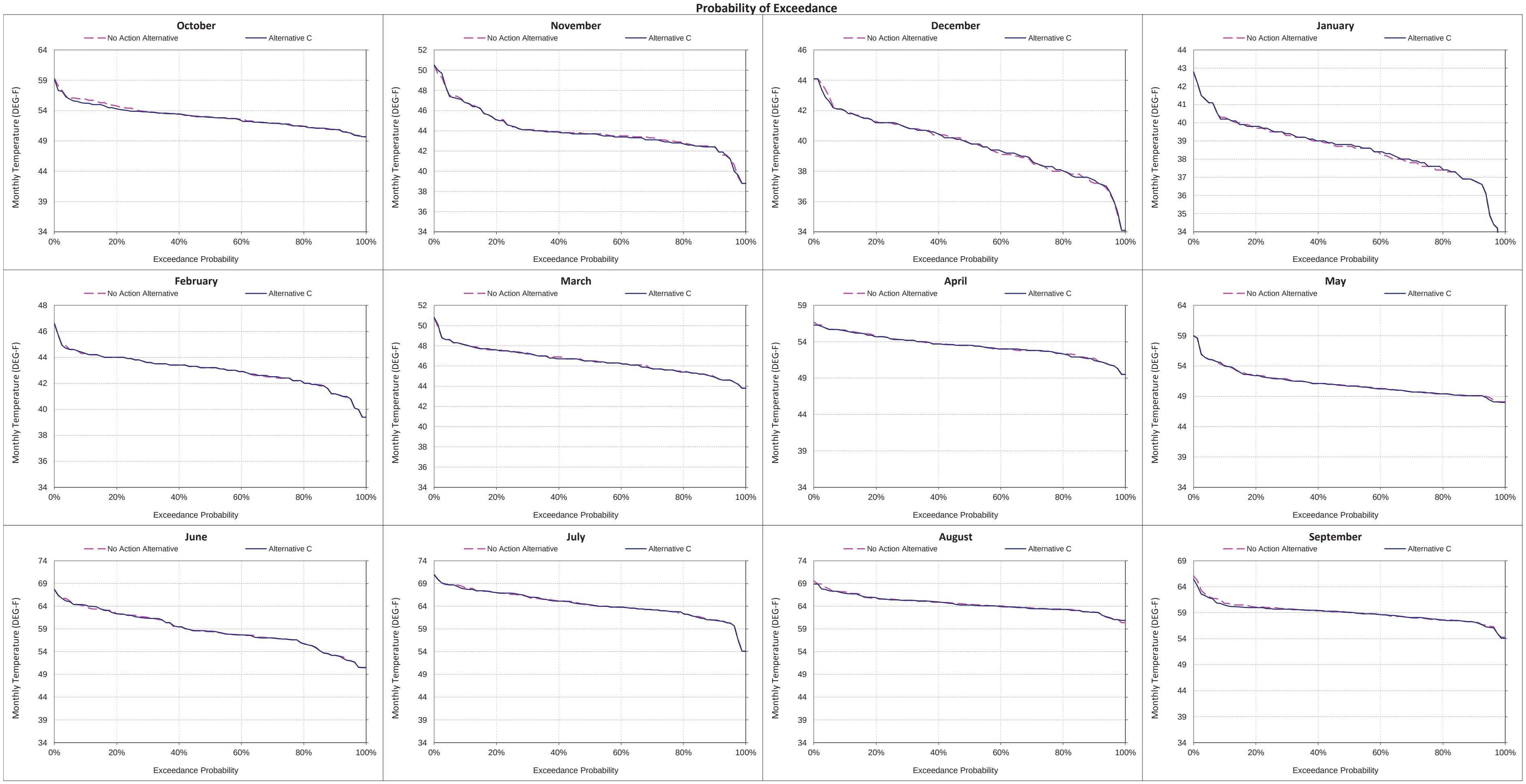


Table SQ-35-7b

Trinity River at North Fork, Monthly Temperature

Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	59.3	59.2	-0.1	-0.2%
1.2%	58.1	57.3	-0.8	-1.4%
2.5%	57.3	57.2	-0.1	-0.2%
3.7%	56.4	56.3	-0.1	-0.2%
4.9%	56.1	55.9	-0.2	-0.4%
6.2%	56.1	55.6	-0.5	-0.9%
7.4%	56.0	55.5	-0.5	-0.9%
8.6%	55.9	55.3	-0.6	-1.1%
9.9%	55.9	55.2	-0.7	-1.3%
11.1%	55.7	55.2	-0.5	-0.9%
12.3%	55.7	55.0	-0.7	-1.3%
13.6%	55.5	55.0	-0.5	-0.9%
14.8%	55.3	55.0	-0.3	-0.5%
16.0%	55.3	54.8	-0.5	-0.9%
17.3%	55.0	54.5	-0.5	-0.9%
18.5%	54.9	54.5	-0.4	-0.7%
19.8%	54.8	54.3	-0.5	-0.9%
21.0%	54.6	54.2	-0.4	-0.7%
22.2%	54.5	54.1	-0.4	-0.7%
23.5%	54.4	54.0	-0.4	-0.7%
24.7%	54.4	53.9	-0.5	-0.9%
25.9%	54.1	53.9	-0.2	-0.4%
27.2%	54.0	53.9	-0.1	-0.2%
28.4%	53.9	53.8	-0.1	-0.2%
29.6%	53.8	53.8	0.0	0.0%
30.9%	53.8	53.7	-0.1	-0.2%
32.1%	53.7	53.7	0.0	0.0%
33.3%	53.6	53.6	0.0	0.0%
34.6%	53.6	53.6	0.0	0.0%
35.8%	53.6	53.5	-0.1	-0.2%
37.0%	53.5	53.5	0.0	0.0%
38.3%	53.5	53.5	0.0	0.0%
39.5%	53.5	53.4	-0.1	-0.2%
40.7%	53.4	53.4	0.0	0.0%
42.0%	53.2	53.3	0.1	0.2%
43.2%	53.1	53.2	0.1	0.2%
44.4%	53.1	53.1	0.0	0.0%
45.7%	53.1	53.0	-0.1	-0.2%
46.9%	53.0	53.0	0.0	0.0%
48.1%	53.0	53.0	0.0	0.0%
49.4%	53.0	52.9	-0.1	-0.2%
50.6%	52.9	52.9	0.0	0.0%
51.9%	52.8	52.8	0.0	0.0%
53.1%	52.8	52.8	0.0	0.0%
54.3%	52.8	52.8	0.0	0.0%
55.6%	52.8	52.7	-0.1	-0.2%
56.8%	52.7	52.7	0.0	0.0%
58.0%	52.7	52.7	0.0	0.0%
59.3%	52.6	52.5	-0.1	-0.2%
60.5%	52.6	52.2	-0.4	-0.8%
61.7%	52.3	52.2	-0.1	-0.2%
63.0%	52.3	52.2	-0.1	-0.2%
64.2%	52.2	52.1	-0.1	-0.2%
65.4%	52.1	52.1	0.0	0.0%
66.7%	52.1	52.0	-0.1	-0.2%
67.9%	52.0	52.0	0.0	0.0%
69.1%	52.0	51.9	-0.1	-0.2%
70.4%	51.9	51.9	0.0	0.0%
71.6%	51.9	51.9	0.0	0.0%
72.8%	51.9	51.8	-0.1	-0.2%
74.1%	51.8	51.8	0.0	0.0%
75.3%	51.6	51.8	0.2	0.4%
76.5%	51.5	51.5	0.0	0.0%
77.8%	51.5	51.5	0.0	0.0%
79.0%	51.5	51.4	-0.1	-0.2%
80.2%	51.4	51.4	0.0	0.0%
81.5%	51.4	51.2	-0.2	-0.4%
82.7%	51.2	51.2	0.0	0.0%
84.0%	51.1	51.1	0.0	0.0%
85.2%	51.1	51.1	0.0	0.0%
86.4%	51.0	51.1	0.1	0.2%
87.7%	50.9	51.0	0.1	0.2%
88.9%	50.9	50.9	0.0	0.0%
90.1%	50.9	50.9	0.0	0.0%
91.4%	50.9	50.8	-0.1	-0.2%
92.6%	50.5	50.5	0.0	0.0%
93.8%	50.5	50.4	-0.1	-0.2%
95.1%	50.3	50.3	0.0	0.0%
96.3%	50.0	49.9	-0.1	-0.2%
97.5%	49.8	49.9	0.1	0.2%
98.8%	49.7	49.7	0.0	0.0%
100.0%	49.7	49.7	0.0	0.0%

November

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	50.5	50.5	0.0	0.0%
1.2%	49.6	50.0	0.4	0.8%
2.5%	49.3	49.7	0.4	0.8%
3.7%	48.3	48.4	0.1	0.2%
4.9%	47.5	47.4	-0.1	-0.2%
6.2%	47.5	47.3	-0.2	-0.4%
7.4%	47.4	47.2	-0.2	-0.4%
8.6%	47.2	47.1	-0.1	-0.2%
9.9%	46.8	46.8	0.0	0.0%
11.1%	46.7	46.7	0.0	0.0%
12.3%	46.5	46.4	-0.1	-0.2%
13.6%	46.5	46.4	-0.1	-0.2%
14.8%	46.2	46.2	0.0	0.0%
16.0%	45.7	45.7	0.0	0.0%
17.3%	45.6	45.6	0.0	0.0%
18.5%	45.4	45.4	0.0	0.0%
19.8%	45.1	45.1	0.0	0.0%
21.0%	45.1	45.0	-0.1	-0.2%
22.2%	45.1	45.0	-0.1	-0.2%
23.5%	44.6	44.6	0.0	0.0%
24.7%	44.4	44.5	0.1	0.2%
25.9%	44.4	44.4	0.0	0.0%
27.2%	44.2	44.2	0.0	0.0%
28.4%	44.1	44.1	0.0	0.0%
29.6%	44.1	44.1	0.0	0.0%
30.9%	44.1	44.1	0.0	0.0%
32.1%	44.1	44.0	-0.1	-0.2%
33.3%	44.0	44.0	0.0	0.0%
34.6%	44.0	44.0	0.0	0.0%
35.8%	44.0	43.9	-0.1	-0.2%
37.0%	44.0	43.9	-0.1	-0.2%
38.3%	43.9	43.9	0.0	0.0%
39.5%	43.9	43.9	0.0	0.0%
40.7%	43.9	43.8	-0.1	-0.2%
42.0%	43.8	43.8	0.0	0.0%
43.2%	43.8	43.8	0.0	0.0%
44.4%	43.8	43.7	-0.1	-0.2%
45.7%	43.8	43.7	-0.1	-0.2%
46.9%	43.8	43.7	-0.1	-0.2%
48.1%	43.7	43.7	0.0	0.0%
49.4%	43.7	43.7	0.0	0.0%
50.6%	43.7	43.7	0.0	0.0%
51.9%	43.7	43.7	0.0	0.0%
53.1%	43.7	43.6	-0.1	-0.2%
54.3%	43.7	43.5	-0.2	-0.5%
55.6%	43.6	43.5	-0.1	-0.2%
56.8%	43.5	43.5	0.0	0.0%
58.0%	43.5	43.4	-0.1	-0.2%
59.3%	43.5	43.4	-0.1	-0.2%
60.5%	43.5	43.4	-0.1	-0.2%
61.7%	43.5	43.4	-0.1	-0.2%
63.0%	43.5	43.3	-0.2	-0.5%
64.2%	43.4	43.3	-0.1	-0.2%
65.4%	43.4	43.3	-0.1	-0.2%
66.7%	43.4	43.3	-0.1	-0.2%
67.9%	43.4	43.1	-0.3	-0.7%
69.1%	43.3	43.1	-0.2	-0.5%
70.4%	43.3	43.1	-0.2	-0.5%
71.6%	43.2	43.1	-0.1	-0.2%
72.8%	43.1	43.0	-0.1	-0.2%
74.1%	43.1	42.9	-0.2	-0.5%
75.3%	43.0	42.9	-0.1	-0.2%
76.5%	43.0	42.8	-0.2	-0.5%
77.8%	42.9	42.8	-0.1	-0.2%
79.0%	42.9	42.8	-0.1	-0.2%
80.2%	42.8	42.7	-0.1	-0.2%
81.5%	42.7	42.6	-0.1	-0.2%
82.7%	42.6	42.6	0.0	0.0%
84.0%	42.5	42.5	0.0	0.0%
85.2%	42.5	42.5	0.0	0.0%
86.4%	42.5	42.4	-0.1	-0.2%
87.7%	42.5	42.4	-0.1	-0.2%
88.9%	42.4	42.4	0.0	0.0%
90.1%	42.4	42.4	0.0	0.0%
91.4%	41.9	41.9	0.0	0.0%
92.6%	41.6	41.9	0.3	0.7%
93.8%	41.6	41.5	-0.1	-0.2%
95.1%	41.2	41.2	0.0	0.0%
96.3%	40.6	40.0	-0.6	-1.5%
97.5%	39.4	39.6	0.2	0.5%
98.8%	38.8	38.8	0.0	0.0%
100.0%	38.8	38.8	0.0	0.0%

December

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	44.1	44.1	0.0	0.0%
1.2%	44.1	44.1	0.0	0.0%
2.5%	43.8	43.4	-0.4	-0.9%
3.7%	43.4	42.9	-0.5	-1.2%
4.9%	42.9	42.6	-0.3	-0.7%
6.2%	42.3	42.2	-0.1	-0.2%
7.4%	42.1	42.1	0.0	0.0%
8.6%	42.1	42.1	0.0	0.0%
9.9%	42.0	42.0	0.0	0.0%
11.1%	41.9	41.8	-0.1	-0.2%
12.3%	41.8	41.8	0.0	0.0%
13.6%	41.7	41.7	0.0	0.0%
14.8%	41.7	41.6	-0.1	-0.2%
16.0%	41.5	41.5	0.0	0.0%
17.3%	41.5	41.5	0.0	0.0%
18.5%	41.4	41.4	0.0	0.0%
19.8%	41.3	41.2	-0.1	-0.2%
21.0%	41.2	41.2	0.0	0.0%
22.2%	41.2	41.2	0.0	0.0%
23.5%	41.2	41.2	0.0	0.0%
24.7%	41.2	41.2	0.0	0.0%
25.9%	41.1	41.2	0.1	0.2%
27.2%	41.1	41.1	0.0	0.0%
28.4%	41.0	41.0	0.0	0.0%
29.6%	40.9	40.9	0.0	0.0%
30.9%	40.8	40.8	0.0	0.0%
32.1%	40.8	40.8	0.0	0.0%
33.3%	40.8	40.7	-0.1	-0.2%
34.6%	40.7	40.7	0.0	0.0%
35.8%	40.7	40.7	0.0	0.0%
37.0%	40.7	40.6	-0.1	-0.2%
38.3%	40.4	40.6	0.2	0.5%
39.5%	40.4	40.5	0.1	0.2%
40.7%	40.4	40.4	0.0	0.0%
42.0%	40.4	40.2	-0.2	-0.5%
43.2%	40.3	40.2	-0.1	-0.2%
44.4%	40.2	40.2	0.0	0.0%
45.7%	40.2	40.1	-0.1	-0.2%
46.9%	40.2	40.1	-0.1	-0.2%
48.1%	40.1	40.0	-0.1	-0.2%
49.4%	39.9	39.9	0.0	0.0%
50.6%	39.8	39.8	0.0	0.0%
51.9%	39.8	39.8	0.0	0.0%
53.1%	39.7	39.8	0.1	0.3%
54.3%	39.6	39.6	0.0	0.0%
55.6%	39.6	39.6	0.0	0.0%
56.8%	39.4	39.4	0.0	0.0%
58.0%	39.3	39.4	0.1	0.3%
59.3%	39.2	39.4	0.2	0.5%
60.5%	39.1	39.3	0.2	0.5%
61.7%	39.1	39.2	0.1	0.3%
63.0%	39.1	39.2	0.1	0.3%
64.2%	39.0	39.2	0.2	0.5%
65.4%	39.0	39.1	0.1	0.3%
66.7%	38.9	39.0	0.1	0.3%
67.9%	38.9	39.0	0.1	0.3%
69.1%	38.8	38.9	0.1	0.3%
70.4%	38.5	38.6	0.1	0.3%
71.6%	38.4	38.5	0.1	0.3%
72.8%	38.4	38.4	0.0	0.0%
74.1%	38.3	38.3	0.0	0.0%
75.3%	38.1	38.3	0.2	0.5%
76.5%	38.0	38.3	0.3	0.8%
77.8%	38.0	38.1	0.1	0.3%
79.0%	38.0	38.1	0.1	0.3%
80.2%	38.0	38.0	0.0	0.0%
81.5%	37.9	37.9	0.0	0.0%
82.7%	37.8	37.7	-0.1	-0.3%
84.0%	37.8	37.6	-0.2	-0.5%
85.2%	37.8	37.6	-0.2	-0.5%
86.4%	37.6	37.6	0.0	0.0%
87.7%	37.6	37.6	0.0	0.0%
88.9%	37.3	37.5	0.2	0.5%
90.1%	37.2	37.4	0.2	0.5%
91.4%	37.2	37.2	0.0	0.0%
92.6%	37.1	37.1	0.0	0.0%
93.8%	36.9	37.0	0.1	0.3%
95.1%	36.5	36.6	0.1	0.3%
96.3%	36.0	36.0	0.0	0.0%
97.5%	35.1	35.3	0.2	0.6%
98.8%	34.1	34.1	0.0	0.0%
100.0%	34.1	34.1	0.0	0.0%

January

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	42.8	42.8	0.0	0.0%
1.2%	42.2	42.2	0.0	0.0%
2.5%	41.5	41.5	0.0	0.0%
3.7%	41.3	41.3	0.0	0.0%
4.9%	41.1	41.1	0.0	0.0%
6.2%	41.1	41.1	0.0	0.0%
7.4%	40.6	40.6	0.0	0.0%
8.6%	40.3	40.2	-0.1	-0.2%
9.9%	40.3	40.2	-0.1	-0.2%
11.1%	40.2	40.2	0.0	0.0%
12.3%	40.1	40.1	0.0	0.0%
13.6%	40.0	40.1	0.1	0.2%
14.8%	40.0	39.9	-0.1	-0.2%
16.0%	39.9	39.9	0.0	0.0%
17.3%	39.9	39.8	-0.1	-0.3%
18.5%	39.8	39.8	0.0	0.0%
19.8%	39.7	39.8	0.1	0.3%
21.0%	39.7	39.8	0.1	0.3%
22.2%	39.7	39.7	0.0	0.0%
23.5%	39.6	39.7	0.1	0.3%
24.7%	39.5	39.6	0.1	0.3%
25.9%	39.5	39.5	0.0	0.0%
27.2%	39.5	39.5	0.0	0.0%
28.4%	39.5	39.5	0.0	0.0%
29.6%	39.3	39.4	0.1	0.3%
30.9%	39.3	39.4	0.1	0.3%
32.1%	39.2	39.3	0.1	0.3%
33.3%	39.2	39.2	0.0	0.0%
34.6%	39.2	39.2	0.0	0.0%
35.8%	39.2	39.2	0.0	0.0%
37.0%	39.1	39.1	0.0	0.0%
38.3%	39.0	39.1	0.1	0.3%
39.5%	39.0	39.0	0.0	0.0%
40.7%	39.0	39.0	0.0	0.0%
42.0%	38.9	39.0	0.1	0.3%
43.2%	38.9	38.9	0.0	0.0%
44.4%	38.8	38.9	0.1	0.3%
45.7%	38.7	38.8	0.1	0.3%
46.9%	38.7	38.8	0.1	0.3%
48.1%	38.7	38.8	0.1	0.3%
49.4%	38.7	38.8	0.1	0.3%
50.6%	38.7	38.8	0.1	0.3%
51.9%	38.6	38.7	0.1	0.3%
53.1%	38.6	38.7	0.1	0.3%
54.3%	38.6	38.6	0.0	0.0%
55.6%	38.6	38.6	0.0	0.0%
56.8%	38.6	38.6	0.0	0.0%
58.0%	38.4	38.4	0.0	0.0%
59.3%	38.4	38.4	0.0	0.0%
60.5%	38.2	38.4	0.2	0.5%
61.7%	38.2	38.3	0.1	0.3%
63.0%	38.1	38.3	0.2	0.5%
64.2%	38.0	38.2	0.2	0.5%
65.4%	38.0	38.1	0.1	0.3%
66.7%	38.0	38.0	0.0	0.0%
67.9%	37.9	38.0	0.1	0.3%
69.1%	37.8	38.0	0.2	0.5%
70.4%	37.8	37.9	0.1	0.3%
71.6%	37.8	37.9	0.1	0.3%
72.8%	37.6	37.8	0.2	0.5%
74.1%	37.6	37.8	0.2	0.5%
75.3%	37.6	37.6	0.0	0.0%
76.5%	37.6	37.6	0.0	0.0%
77.8%	37.4	37.6	0.2	0.5%
79.0%	37.4	37.6	0.2	0.5%
80.2%	37.4	37.4	0.0	0.0%
81.5%	37.3	37.4	0.1	0.3%
82.7%	37.3	37.3	0.0	0.0%
84.0%	37.3	37.3	0.0	0.0%
85.2%	37.1	37.1	0.0	0.0%
86.4%	36.9	36.9	0.0	0.0%
87.7%	36.9	36.9	0.0	0.0%
88.9%	36.9	36.9	0.0	0.0%
90.1%	36.8	36.8	0.0	0.0%
91.4%	36.7	36.7	0.0	0.0%
92.6%	36.6	36.6	0.0	0.0%
93.8%	36.1	36.1	0.0	0.0%
95.1%	34.9	34.9	0.0	0.0%
96.3%	34.4	34.4	0.0	0.0%
97.5%	34.2	34.2	0.0	0.0%
98.8%	29.0	29.0	0.0	0.0%
100.0%	29.0	29.0	0.0	0.0%

Table SQ-35-7b

Trinity River at North Fork, Monthly Temperature
Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	46.6	46.6	0.0	0.0%
1.2%	45.7	45.7	0.0	0.0%
2.5%	44.9	44.9	0.0	0.0%
3.7%	44.9	44.7	-0.2	-0.4%
4.9%	44.6	44.6	0.0	0.0%
6.2%	44.6	44.6	0.0	0.0%
7.4%	44.5	44.5	0.0	0.0%
8.6%	44.3	44.4	0.1	0.2%
9.9%	44.3	44.3	0.0	0.0%
11.1%	44.2	44.2	0.0	0.0%
12.3%	44.2	44.2	0.0	0.0%
13.6%	44.2	44.2	0.0	0.0%
14.8%	44.1	44.1	0.0	0.0%
16.0%	44.0	44.0	0.0	0.0%
17.3%	44.0	44.0	0.0	0.0%
18.5%	44.0	44.0	0.0	0.0%
19.8%	44.0	44.0	0.0	0.0%
21.0%	44.0	44.0	0.0	0.0%
22.2%	44.0	44.0	0.0	0.0%
23.5%	43.9	43.9	0.0	0.0%
24.7%	43.9	43.9	0.0	0.0%
25.9%	43.8	43.8	0.0	0.0%
27.2%	43.8	43.8	0.0	0.0%
28.4%	43.7	43.7	0.0	0.0%
29.6%	43.6	43.6	0.0	0.0%
30.9%	43.6	43.6	0.0	0.0%
32.1%	43.5	43.5	0.0	0.0%
33.3%	43.5	43.5	0.0	0.0%
34.6%	43.5	43.5	0.0	0.0%
35.8%	43.5	43.5	0.0	0.0%
37.0%	43.4	43.4	0.0	0.0%
38.3%	43.4	43.4	0.0	0.0%
39.5%	43.4	43.4	0.0	0.0%
40.7%	43.4	43.4	0.0	0.0%
42.0%	43.4	43.4	0.0	0.0%
43.2%	43.3	43.3	0.0	0.0%
44.4%	43.3	43.3	0.0	0.0%
45.7%	43.3	43.3	0.0	0.0%
46.9%	43.2	43.2	0.0	0.0%
48.1%	43.2	43.2	0.0	0.0%
49.4%	43.2	43.2	0.0	0.0%
50.6%	43.2	43.2	0.0	0.0%
51.9%	43.2	43.2	0.0	0.0%
53.1%	43.1	43.1	0.0	0.0%
54.3%	43.1	43.1	0.0	0.0%
55.6%	43.0	43.0	0.0	0.0%
56.8%	43.0	43.0	0.0	0.0%
58.0%	43.0	43.0	0.0	0.0%
59.3%	42.9	42.9	0.0	0.0%
60.5%	42.9	42.9	0.0	0.0%
61.7%	42.8	42.8	0.0	0.0%
63.0%	42.7	42.7	0.0	0.0%
64.2%	42.6	42.7	0.1	0.2%
65.4%	42.6	42.6	0.0	0.0%
66.7%	42.6	42.6	0.0	0.0%
67.9%	42.5	42.6	0.1	0.2%
69.1%	42.5	42.5	0.0	0.0%
70.4%	42.5	42.5	0.0	0.0%
71.6%	42.4	42.5	0.1	0.2%
72.8%	42.4	42.4	0.0	0.0%
74.1%	42.4	42.4	0.0	0.0%
75.3%	42.4	42.4	0.0	0.0%
76.5%	42.2	42.2	0.0	0.0%
77.8%	42.2	42.2	0.0	0.0%
79.0%	42.2	42.2	0.0	0.0%
80.2%	42.0	42.0	0.0	0.0%
81.5%	42.0	42.0	0.0	0.0%
82.7%	42.0	41.9	-0.1	-0.2%
84.0%	41.9	41.9	0.0	0.0%
85.2%	41.9	41.8	-0.1	-0.2%
86.4%	41.8	41.8	0.0	0.0%
87.7%	41.6	41.6	0.0	0.0%
88.9%	41.2	41.2	0.0	0.0%
90.1%	41.2	41.2	0.0	0.0%
91.4%	41.1	41.1	0.0	0.0%
92.6%	41.0	41.0	0.0	0.0%
93.8%	40.9	41.0	0.1	0.2%
95.1%	40.8	40.8	0.0	0.0%
96.3%	40.1	40.1	0.0	0.0%
97.5%	40.0	40.0	0.0	0.0%
98.8%	39.4	39.4	0.0	0.0%
100.0%	39.4	39.4	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.7	50.8	0.1	0.2%
1.2%	49.9	50.1	0.2	0.4%
2.5%	48.8	48.8	0.0	0.0%
3.7%	48.6	48.6	0.0	0.0%
4.9%	48.6	48.6	0.0	0.0%
6.2%	48.3	48.3	0.0	0.0%
7.4%	48.3	48.3	0.0	0.0%
8.6%	48.2	48.2	0.0	0.0%
9.9%	48.1	48.1	0.0	0.0%
11.1%	48.0	48.0	0.0	0.0%
12.3%	47.9	47.9	0.0	0.0%
13.6%	47.9	47.8	-0.1	-0.2%
14.8%	47.7	47.7	0.0	0.0%
16.0%	47.7	47.7	0.0	0.0%
17.3%	47.6	47.7	0.1	0.2%
18.5%	47.6	47.6	0.0	0.0%
19.8%	47.6	47.6	0.0	0.0%
21.0%	47.6	47.5	-0.1	-0.2%
22.2%	47.5	47.5	0.0	0.0%
23.5%	47.5	47.5	0.0	0.0%
24.7%	47.5	47.4	-0.1	-0.2%
25.9%	47.4	47.4	0.0	0.0%
27.2%	47.4	47.3	-0.1	-0.2%
28.4%	47.3	47.3	0.0	0.0%
29.6%	47.3	47.2	-0.1	-0.2%
30.9%	47.2	47.2	0.0	0.0%
32.1%	47.1	47.1	0.0	0.0%
33.3%	47.0	47.0	0.0	0.0%
34.6%	47.0	47.0	0.0	0.0%
35.8%	47.0	47.0	0.0	0.0%
37.0%	46.9	46.8	-0.1	-0.2%
38.3%	46.9	46.8	-0.1	-0.2%
39.5%	46.9	46.7	-0.2	-0.4%
40.7%	46.9	46.7	-0.2	-0.4%
42.0%	46.7	46.7	0.0	0.0%
43.2%	46.7	46.7	0.0	0.0%
44.4%	46.7	46.7	0.0	0.0%
45.7%	46.7	46.7	0.0	0.0%
46.9%	46.7	46.6	-0.1	-0.2%
48.1%	46.5	46.5	0.0	0.0%
49.4%	46.5	46.5	0.0	0.0%
50.6%	46.5	46.5	0.0	0.0%
51.9%	46.5	46.4	-0.1	-0.2%
53.1%	46.4	46.4	0.0	0.0%
54.3%	46.4	46.4	0.0	0.0%
55.6%	46.3	46.3	0.0	0.0%
56.8%	46.3	46.3	0.0	0.0%
58.0%	46.3	46.3	0.0	0.0%
59.3%	46.3	46.3	0.0	0.0%
60.5%	46.2	46.2	0.0	0.0%
61.7%	46.2	46.2	0.0	0.0%
63.0%	46.1	46.1	0.0	0.0%
64.2%	46.1	46.1	0.0	0.0%
65.4%	46.1	46.1	0.0	0.0%
66.7%	46.1	45.9	-0.2	-0.4%
67.9%	46.1	45.9	-0.2	-0.4%
69.1%	45.8	45.8	0.0	0.0%
70.4%	45.7	45.7	0.0	0.0%
71.6%	45.7	45.7	0.0	0.0%
72.8%	45.7	45.7	0.0	0.0%
74.1%	45.6	45.6	0.0	0.0%
75.3%	45.6	45.6	0.0	0.0%
76.5%	45.6	45.6	0.0	0.0%
77.8%	45.5	45.5	0.0	0.0%
79.0%	45.5	45.4	-0.1	-0.2%
80.2%	45.5	45.4	-0.1	-0.2%
81.5%	45.4	45.4	0.0	0.0%
82.7%	45.3	45.3	0.0	0.0%
84.0%	45.3	45.3	0.0	0.0%
85.2%	45.2	45.2	0.0	0.0%
86.4%	45.2	45.2	0.0	0.0%
87.7%	45.1	45.1	0.0	0.0%
88.9%	45.1	45.0	-0.1	-0.2%
90.1%	44.9	44.9	0.0	0.0%
91.4%	44.7	44.7	0.0	0.0%
92.6%	44.6	44.6	0.0	0.0%
93.8%	44.6	44.6	0.0	0.0%
95.1%	44.6	44.6	0.0	0.0%
96.3%	44.4	44.4	0.0	0.0%
97.5%	44.2	44.2	0.0	0.0%
98.8%	43.8	43.8	0.0	0.0%
100.0%	43.8	43.8	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.7	56.3	-0.4	-0.7%
1.2%	56.3	56.3	0.0	0.0%
2.5%	56.3	56.1	-0.2	-0.4%
3.7%	55.9	55.9	0.0	0.0%
4.9%	55.7	55.7	0.0	0.0%
6.2%	55.7	55.7	0.0	0.0%
7.4%	55.7	55.7	0.0	0.0%
8.6%	55.6	55.6	0.0	0.0%
9.9%	55.5	55.6	0.1	0.2%
11.1%	55.4	55.4	0.0	0.0%
12.3%	55.4	55.3	-0.1	-0.2%
13.6%	55.3	55.2	-0.1	-0.2%
14.8%	55.2	55.2	0.0	0.0%
16.0%	55.1	55.1	0.0	0.0%
17.3%	55.1	54.9	-0.2	-0.4%
18.5%	55.0	54.9	-0.1	-0.2%
19.8%	54.8	54.7	-0.1	-0.2%
21.0%	54.7	54.7	0.0	0.0%
22.2%	54.7	54.7	0.0	0.0%
23.5%	54.6	54.6	0.0	0.0%
24.7%	54.4	54.4	0.0	0.0%
25.9%	54.4	54.3	-0.1	-0.2%
27.2%	54.3	54.3	0.0	0.0%
28.4%	54.3	54.3	0.0	0.0%
29.6%	54.2	54.2	0.0	0.0%
30.9%	54.2	54.2	0.0	0.0%
32.1%	54.2	54.2	0.0	0.0%
33.3%	54.0	54.0	0.0	0.0%
34.6%	54.0	54.0	0.0	0.0%
35.8%	53.9	54.0	0.1	0.2%
37.0%	53.9	53.9	0.0	0.0%
38.3%	53.7	53.7	0.0	0.0%
39.5%	53.7	53.7	0.0	0.0%
40.7%	53.7	53.7	0.0	0.0%
42.0%	53.7	53.6	-0.1	-0.2%
43.2%	53.6	53.6	0.0	0.0%
44.4%	53.6	53.6	0.0	0.0%
45.7%	53.6	53.5	-0.1	-0.2%
46.9%	53.5	53.5	0.0	0.0%
48.1%	53.5	53.5	0.0	0.0%
49.4%	53.5	53.5	0.0	0.0%
50.6%	53.5	53.5	0.0	0.0%
51.9%	53.4	53.4	0.0	0.0%
53.1%	53.4	53.4	0.0	0.0%
54.3%	53.3	53.3	0.0	0.0%
55.6%	53.2	53.2	0.0	0.0%
56.8%	53.1	53.2	0.1	0.2%
58.0%	53.0	53.1	0.1	0.2%
59.3%	53.0	53.0	0.0	0.0%
60.5%	53.0	53.0	0.0	0.0%
61.7%	53.0	53.0	0.0	0.0%
63.0%	53.0	53.0	0.0	0.0%
64.2%	52.9	53.0	0.1	0.2%
65.4%	52.8	53.0	0.2	0.4%
66.7%	52.8	52.9	0.1	0.2%
67.9%	52.8	52.9	0.1	0.2%
69.1%	52.8	52.8	0.0	0.0%
70.4%	52.8	52.8	0.0	0.0%
71.6%	52.8	52.8	0.0	0.0%
72.8%	52.7	52.8	0.1	0.2%
74.1%	52.7	52.7	0.0	0.0%
75.3%	52.7	52.7	0.0	0.0%
76.5%	52.6	52.6	0.0	0.0%
77.8%	52.5	52.4	-0.1	-0.2%
79.0%	52.4	52.4	0.0	0.0%
80.2%	52.4	52.3	-0.1	-0.2%
81.5%	52.3	52.2	-0.1	-0.2%
82.7%	52.3	51.9	-0.4	-0.8%
84.0%	52.2	51.9	-0.3	-0.6%
85.2%	51.9	51.9	0.0	0.0%
86.4%	51.9	51.8	-0.1	-0.2%
87.7%	51.8	51.7	-0.1	-0.2%
88.9%	51.8	51.7	-0.1	-0.2%
90.1%	51.7	51.4	-0.3	-0.6%
91.4%	51.3	51.3	0.0	0.0%
92.6%	51.2	51.2	0.0	0.0%
93.8%	51.0	51.0	0.0	0.0%
95.1%	50.8	50.8	0.0	0.0%
96.3%	50.7	50.7	0.0	0.0%
97.5%	50.3	50.3	0.0	0.0%
98.8%	49.5	49.5	0.0	0.0%
100.0%	49.5	49.5	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.0	59.0	0.0	0.0%
1.2%	58.6	58.6	0.0	0.0%
2.5%	56.0	55.9	-0.1	-0.2%
3.7%	55.4	55.4	0.0	0.0%
4.9%	55.1	55.1	0.0	0.0%
6.2%	55.0	55.0	0.0	0.0%
7.4%	54.6	54.7	0.1	0.2%
8.6%	54.3	54.6	0.3	0.6%
9.9%	54.1	54.0	-0.1	-0.2%
11.1%	53.9	53.9	0.0	0.0%
12.3%	53.7	53.8	0.1	0.2%
13.6%	53.3	53.4	0.1	0.2%
14.8%	53.0	53.0	0.0	0.0%
16.0%	52.9	52.6	-0.3	-0.6%
17.3%	52.6	52.6	0.0	0.0%
18.5%	52.6	52.5	-0.1	-0.2%
19.8%	52.6	52.4	-0.2	-0.4%
21.0%	52.4	52.4	0.0	0.0%
22.2%	52.4	52.2	-0.2	-0.4%
23.5%	52.2	52.1	-0.1	-0.2%
24.7%	52.0	52.0	0.0	0.0%
25.9%	52.0	51.9	-0.1	-0.2%
27.2%	51.9	51.9	0.0	0.0%
28.4%	51.9	51.9	0.0	0.0%
29.6%	51.9	51.7	-0.2	-0.4%
30.9%	51.7	51.6	-0.1	-0.2%
32.1%	51.5	51.5	0.0	0.0%
33.3%	51.5	51.5	0.0	0.0%
34.6%	51.5	51.5	0.0	0.0%
35.8%	51.4	51.4	0.0	0.0%
37.0%	51.3	51.3	0.0	0.0%
38.3%	51.1	51.1	0.0	0.0%
39.5%	51.1	51.1	0.0	0.0%
40.7%	51.1	51.1	0.0	0.0%
42.0%	51.1	51.1	0.0	0.0%
43.2%	51.0	51.0	0.0	0.0%
44.4%	51.0	51.0	0.0	0.0%
45.7%	50.9	50.9	0.0	0.0%
46.9%	50.8	50.9	0.1	0.2%
48.1%	50.8	50.8	0.0	0.0%
49.4%	50.8	50.7	-0.1	-0.2%
50.6%	50.7	50.7	0.0	0.0%
51.9%	50.7	50.7	0.0	0.0%
53.1%	50.7	50.6	-0.1	-0.2%
54.3%	50.6	50.5	-0.1	-0.2%
55.6%	50.5	50.5	0.0	0.0%
56.8%	50.5	50.4	-0.1	-0.2%
58.0%	50.4	50.3	-0.1	-0.2%
59.3%	50.3	50.2	-0.1	-0.2%
60.5%	50.3	50.2	-0.1	-0.2%
61.7%	50.2	50.2	0.0	0.0%
63.0%	50.1	50.1	0.0	0.0%
64.2%	50.1	50.1	0.0	0.0%
65.4%	50.0	50.0	0.0	0.0%
66.7%	50.0	50.0	0.0	0.0%
67.9%	49.9	49.9	0.0	0.0%
69.1%	49.8	49.8	0.0	0.0%
70.4%	49.7	49.7	0.0	0.0%
71.6%	49.7	49.7	0.0	0.0%
72.8%	49.7	49.7	0.0	0.0%
74.1%	49.7	49.6	-0.1	-0.2%
75.3%	49.6	49.6	0.0	0.0%
76.5%	49.5	49.6	0.1	0.2%
77.8%	49.4	49.5	0.1	0.2%
79.0%	49.4	49.4	0.0	0.0%
80.2%	49.4	49.4	0.0	0.0%
81.5%	49.4	49.4	0.0	0.0%
82.7%	49.3	49.3	0.0	0.0%
84.0%	49.2	49.2	0.0	0.0%
85.2%	49.2	49.2	0.0	0.0%
86.4%	49.1	49.2	0.1	0.2%
87.7%	49.1	49.1	0.0	0.0%
88.9%	49.1	49.1	0.0	0.0%
90.1%	49.1	49.1	0.0	0.0%
91.4%	49.1	49.1	0.0	0.0%
92.6%	49.1	49.1	0.0	0.0%
93.8%	49.0	48.8	-0.2	-0.4%
95.1%	48.8	48.4	-0.4	-0.8%
96.3%	48.4	48.1	-0.3	-0.6%
97.5%	48.1	48.1	0.0	0.0%
98.8%	48.1	48.0	-0.1	-0.2%
100.0%	48.1	48.0	-0.1	-0.2%

Table SQ-35-7b

Trinity River at North Fork, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.7	67.7	0.0	0.0%
1.2%	66.4	66.4	0.0	0.0%
2.5%	65.8	65.7	-0.1	-0.2%
3.7%	65.7	65.2	-0.5	-0.8%
4.9%	65.2	65.0	-0.2	-0.3%
6.2%	64.4	64.4	0.0	0.0%
7.4%	64.4	64.4	0.0	0.0%
8.6%	64.2	64.4	0.2	0.3%
9.9%	64.0	64.3	0.3	0.5%
11.1%	63.6	64.0	0.4	0.6%
12.3%	63.4	64.0	0.6	0.9%
13.6%	63.4	63.9	0.5	0.8%
14.8%	63.4	63.4	0.0	0.0%
16.0%	63.2	63.1	-0.1	-0.2%
17.3%	63.1	63.1	0.0	0.0%
18.5%	63.1	62.6	-0.5	-0.8%
19.8%	62.4	62.4	0.0	0.0%
21.0%	62.3	62.3	0.0	0.0%
22.2%	62.2	62.3	0.1	0.2%
23.5%	62.1	62.0	-0.1	-0.2%
24.7%	62.0	62.0	0.0	0.0%
25.9%	62.0	61.7	-0.3	-0.5%
27.2%	61.7	61.6	-0.1	-0.2%
28.4%	61.7	61.4	-0.3	-0.5%
29.6%	61.6	61.4	-0.2	-0.3%
30.9%	61.4	61.3	-0.1	-0.2%
32.1%	61.3	61.3	0.0	0.0%
33.3%	61.1	61.3	0.2	0.3%
34.6%	61.0	61.0	0.0	0.0%
35.8%	60.4	60.4	0.0	0.0%
37.0%	60.4	60.4	0.0	0.0%
38.3%	59.5	59.7	0.2	0.3%
39.5%	59.5	59.5	0.0	0.0%
40.7%	59.5	59.5	0.0	0.0%
42.0%	59.1	59.1	0.0	0.0%
43.2%	58.9	58.9	0.0	0.0%
44.4%	58.6	58.7	0.1	0.2%
45.7%	58.6	58.6	0.0	0.0%
46.9%	58.6	58.6	0.0	0.0%
48.1%	58.5	58.6	0.1	0.2%
49.4%	58.4	58.5	0.1	0.2%
50.6%	58.4	58.5	0.1	0.2%
51.9%	58.2	58.4	0.2	0.3%
53.1%	58.2	58.2	0.0	0.0%
54.3%	58.0	58.0	0.0	0.0%
55.6%	57.8	57.9	0.1	0.2%
56.8%	57.8	57.8	0.0	0.0%
58.0%	57.8	57.7	-0.1	-0.2%
59.3%	57.7	57.7	0.0	0.0%
60.5%	57.7	57.7	0.0	0.0%
61.7%	57.7	57.6	-0.1	-0.2%
63.0%	57.6	57.6	0.0	0.0%
64.2%	57.6	57.2	-0.4	-0.7%
65.4%	57.2	57.1	-0.1	-0.2%
66.7%	57.2	57.0	-0.2	-0.3%
67.9%	57.1	57.0	-0.1	-0.2%
69.1%	57.0	57.0	0.0	0.0%
70.4%	57.0	57.0	0.0	0.0%
71.6%	56.9	56.9	0.0	0.0%
72.8%	56.8	56.8	0.0	0.0%
74.1%	56.8	56.8	0.0	0.0%
75.3%	56.7	56.7	0.0	0.0%
76.5%	56.6	56.6	0.0	0.0%
77.8%	56.6	56.6	0.0	0.0%
79.0%	56.0	56.0	0.0	0.0%
80.2%	55.7	55.7	0.0	0.0%
81.5%	55.5	55.5	0.0	0.0%
82.7%	55.3	55.3	0.0	0.0%
84.0%	54.8	54.9	0.1	0.2%
85.2%	54.2	54.2	0.0	0.0%
86.4%	53.7	53.7	0.0	0.0%
87.7%	53.6	53.6	0.0	0.0%
88.9%	53.3	53.2	-0.1	-0.2%
90.1%	53.2	53.2	0.0	0.0%
91.4%	53.0	53.0	0.0	0.0%
92.6%	52.9	52.6	-0.3	-0.6%
93.8%	52.1	52.1	0.0	0.0%
95.1%	52.0	52.0	0.0	0.0%
96.3%	51.7	51.7	0.0	0.0%
97.5%	50.6	50.6	0.0	0.0%
98.8%	50.5	50.5	0.0	0.0%
100.0%	50.5	50.5	0.0	0.0%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	71.0	70.9	-0.1	-0.1%
1.2%	69.9	69.9	0.0	0.0%
2.5%	69.0	69.1	0.1	0.1%
3.7%	68.8	68.9	0.1	0.1%
4.9%	68.7	68.7	0.0	0.0%
6.2%	68.7	68.7	0.0	0.0%
7.4%	68.7	68.4	-0.3	-0.4%
8.6%	68.5	68.0	-0.5	-0.7%
9.9%	68.1	67.8	-0.3	-0.4%
11.1%	68.0	67.7	-0.3	-0.4%
12.3%	67.9	67.7	-0.2	-0.3%
13.6%	67.4	67.4	0.0	0.0%
14.8%	67.4	67.4	0.0	0.0%
16.0%	67.3	67.4	0.1	0.1%
17.3%	67.3	67.3	0.0	0.0%
18.5%	67.2	67.1	-0.1	-0.1%
19.8%	67.0	67.0	0.0	0.0%
21.0%	66.9	66.9	0.0	0.0%
22.2%	66.9	66.9	0.0	0.0%
23.5%	66.7	66.9	0.2	0.3%
24.7%	66.6	66.9	0.3	0.5%
25.9%	66.6	66.8	0.2	0.3%
27.2%	66.5	66.6	0.1	0.2%
28.4%	66.4	66.5	0.1	0.2%
29.6%	66.2	66.2	0.0	0.0%
30.9%	65.8	66.0	0.2	0.3%
32.1%	65.8	66.0	0.2	0.3%
33.3%	65.7	65.9	0.2	0.3%
34.6%	65.6	65.6	0.0	0.0%
35.8%	65.5	65.5	0.0	0.0%
37.0%	65.5	65.3	-0.2	-0.3%
38.3%	65.3	65.2	-0.1	-0.2%
39.5%	65.2	65.1	-0.1	-0.2%
40.7%	65.1	65.1	0.0	0.0%
42.0%	65.1	65.1	0.0	0.0%
43.2%	65.1	65.0	-0.1	-0.2%
44.4%	65.0	64.8	-0.2	-0.3%
45.7%	64.8	64.6	-0.2	-0.3%
46.9%	64.6	64.5	-0.1	-0.2%
48.1%	64.4	64.5	0.1	0.2%
49.4%	64.3	64.4	0.1	0.2%
50.6%	64.2	64.3	0.1	0.2%
51.9%	64.1	64.1	0.0	0.0%
53.1%	64.0	64.0	0.0	0.0%
54.3%	64.0	64.0	0.0	0.0%
55.6%	64.0	64.0	0.0	0.0%
56.8%	63.8	63.8	0.0	0.0%
58.0%	63.8	63.8	0.0	0.0%
59.3%	63.8	63.8	0.0	0.0%
60.5%	63.8	63.8	0.0	0.0%
61.7%	63.7	63.7	0.0	0.0%
63.0%	63.6	63.6	0.0	0.0%
64.2%	63.6	63.6	0.0	0.0%
65.4%	63.4	63.4	0.0	0.0%
66.7%	63.4	63.4	0.0	0.0%
67.9%	63.3	63.3	0.0	0.0%
69.1%	63.3	63.3	0.0	0.0%
70.4%	63.2	63.2	0.0	0.0%
71.6%	63.2	63.2	0.0	0.0%
72.8%	63.0	63.0	0.0	0.0%
74.1%	63.0	63.0	0.0	0.0%
75.3%	62.9	62.9	0.0	0.0%
76.5%	62.8	62.8	0.0	0.0%
77.8%	62.8	62.8	0.0	0.0%
79.0%	62.3	62.8	0.5	0.8%
80.2%	62.3	62.3	0.0	0.0%
81.5%	62.2	62.2	0.0	0.0%
82.7%	61.9	61.9	0.0	0.0%
84.0%	61.8	61.7	-0.1	-0.2%
85.2%	61.7	61.4	-0.3	-0.5%
86.4%	61.4	61.3	-0.1	-0.2%
87.7%	61.2	61.0	-0.2	-0.3%
88.9%	61.0	61.0	0.0	0.0%
90.1%	61.0	60.9	-0.1	-0.2%
91.4%	60.9	60.8	-0.1	-0.2%
92.6%	60.8	60.7	-0.1	-0.2%
93.8%	60.4	60.4	0.0	0.0%
95.1%	60.3	60.3	0.0	0.0%
96.3%	59.7	59.7	0.0	0.0%
97.5%	56.6	56.6	0.0	0.0%
98.8%	54.1	54.1	0.0	0.0%
100.0%	54.1	54.1	0.0	0.0%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	69.6	68.9	-0.7	-1.0%
1.2%	68.9	68.9	0.0	0.0%
2.5%	68.9	67.8	-1.1	-1.6%
3.7%	68.2	67.7	-0.5	-0.7%
4.9%	67.8	67.4	-0.4	-0.6%
6.2%	67.3	67.3	0.0	0.0%
7.4%	67.3	67.3	0.0	0.0%
8.6%	67.2	67.0	-0.2	-0.3%
9.9%	67.2	66.9	-0.3	-0.4%
11.1%	67.0	66.7	-0.3	-0.4%
12.3%	66.8	66.7	-0.1	-0.1%
13.6%	66.8	66.7	-0.1	-0.1%
14.8%	66.7	66.4	-0.3	-0.4%
16.0%	66.0	66.1	0.1	0.2%
17.3%	65.9	66.0	0.1	0.2%
18.5%	65.8	66.0	0.2	0.3%
19.8%	65.8	65.9	0.1	0.2%
21.0%	65.7	65.6	-0.1	-0.2%
22.2%	65.6	65.6	0.0	0.0%
23.5%	65.6	65.5	-0.1	-0.2%
24.7%	65.6	65.4	-0.2	-0.3%
25.9%	65.5	65.4	-0.1	-0.2%
27.2%	65.4	65.4	0.0	0.0%
28.4%	65.3	65.3	0.0	0.0%
29.6%	65.3	65.3	0.0	0.0%
30.9%	65.3	65.3	0.0	0.0%
32.1%	65.2	65.3	0.1	0.2%
33.3%	65.1	65.2	0.1	0.2%
34.6%	65.1	65.2	0.1	0.2%
35.8%	65.1	65.2	0.1	0.2%
37.0%	65.0	65.1	0.1	0.2%
38.3%	64.9	65.0	0.1	0.2%
39.5%	64.9	65.0	0.1	0.2%
40.7%	64.9	64.9	0.0	0.0%
42.0%	64.8	64.8	0.0	0.0%
43.2%	64.8	64.7	-0.1	-0.2%
44.4%	64.7	64.6	-0.1	-0.2%
45.7%	64.6	64.4	-0.2	-0.3%
46.9%	64.6	64.3	-0.3	-0.5%
48.1%	64.5	64.3	-0.2	-0.3%
49.4%	64.4	64.3	-0.1	-0.2%
50.6%	64.4	64.3	-0.1	-0.2%
51.9%	64.3	64.2	-0.1	-0.2%
53.1%	64.3	64.1	-0.2	-0.3%
54.3%	64.2	64.1	-0.1	-0.2%
55.6%	64.2	64.1	-0.1	-0.2%
56.8%	64.1	64.1	0.0	0.0%
58.0%	64.1	64.1	0.0	0.0%
59.3%	64.1	64.0	-0.1	-0.2%
60.5%	64.1	63.9	-0.2	-0.3%
61.7%	63.9	63.9	0.0	0.0%
63.0%	63.9	63.9	0.0	0.0%
64.2%	63.8	63.8	0.0	0.0%
65.4%	63.8	63.7	-0.1	-0.2%
66.7%	63.8	63.7	-0.1	-0.2%
67.9%	63.7	63.7	0.0	0.0%
69.1%	63.7	63.5	-0.2	-0.3%
70.4%	63.6	63.5	-0.1	-0.2%
71.6%	63.5	63.5	0.0	0.0%
72.8%	63.5	63.4	-0.1	-0.2%
74.1%	63.5	63.4	-0.1	-0.2%
75.3%	63.4	63.4	0.0	0.0%
76.5%	63.4	63.3	-0.1	-0.2%
77.8%	63.4	63.3	-0.1	-0.2%
79.0%	63.4	63.3	-0.1	-0.2%
80.2%	63.3	63.3	0.0	0.0%
81.5%	63.3	63.3	0.0	0.0%
82.7%	63.3	63.1	-0.2	-0.3%
84.0%	63.1	63.1	0.0	0.0%
85.2%	63.1	63.1	0.0	0.0%
86.4%	62.8	62.8	0.0	0.0%
87.7%	62.8	62.8	0.0	0.0%
88.9%	62.8	62.7	-0.1	-0.2%
90.1%	62.7	62.7	0.0	0.0%
91.4%	62.6	62.6	0.0	0.0%
92.6%	62.0	62.0	0.0	0.0%
93.8%	61.6	61.7	0.1	0.2%
95.1%	61.4	61.5	0.1	0.2%
96.3%	61.1	61.1	0.0	0.0%
97.5%	61.1	61.1	0.0	0.0%
98.8%	60.4	60.9	0.5	0.8%
100.0%	60.4	60.9	0.5	0.8%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.1	65.5	-0.6	-0.9%
1.2%	65.2	64.2	-1.0	-1.5%
2.5%	63.3	62.6	-0.7	-1.1%
3.7%	62.6	62.3	-0.3	-0.5%
4.9%	62.1	61.9	-0.2	-0.3%
6.2%	61.8	61.7	-0.1	-0.2%
7.4%	61.7	60.9	-0.8	-1.3%
8.6%	61.5	60.8	-0.7	-1.1%
9.9%	60.8	60.5	-0.3	-0.5%
11.1%	60.8	60.3	-0.5	-0.8%
12.3%	60.6	60.2	-0.4	-0.7%
13.6%	60.5	60.2	-0.3	-0.5%
14.8%	60.5	60.1	-0.4	-0.7%
16.0%	60.5	60.1	-0.4	-0.7%
17.3%	60.4	60.0	-0.4	-0.7%
18.5%	60.2	60.0	-0.2	-0.3%
19.8%	60.1	60.0	-0.1	-0.2%
21.0%	60.1	60.0	-0.1	-0.2%
22.2%	60.1	60.0	-0.1	-0.2%
23.5%	60.0	59.8	-0.2	-0.3%
24.7%	60.0	59.8	-0.2	-0.3%
25.9%	60.0	59.7	-0.3	-0.5%
27.2%	59.9	59.7	-0.2	-0.3%
28.4%	59.8	59.7	-0.1	-0.2%
29.6%	59.8	59.7	-0.1	-0.2%
30.9%	59.7	59.7	0.0	0.0%
32.1%	59.7	59.6	-0.1	-0.2%
33.3%	59.6	59.6	0.0	0.0%
34.6%	59.6	59.6	0.0	0.0%
35.8%	59.5	59.5	0.0	0.0%
37.0%	59.5	59.5	0.0	0.0%
38.3%	59.5	59.5	0.0	0.0%
39.5%	59.5	59.4	-0.1	-0.2%
40.7%	59.4	59.4	0.0	0.0%
42.0%	59.4	59.3	-0.1	-0.2%
43.2%	59.3	59.3	0.0	0.0%
44.4%	59.2	59.3	0.1	0.2%
45.7%	59.2	59.3	0.1	0.2%
46.9%	59.2	59.2	0.0	0.0%
48.1%	59.1	59.2	0.1	0.2%
49.4%	59.1	59.1	0.0	0.0%
50.6%	59.0	59.1	0.1	0.2%
51.9%	58.9	59.0	0.1	0.2%
53.1%	58.9	58.9	0.0	0.0%
54.3%	58.9	58.8	-0.1	-0.2%
55.6%	58.8	58.8	0.0	0.0%
56.8%	58.8	58.8	0.0	0.0%
58.0%	58.8	58.8	0.0	0.0%
59.3%	58.7	58.7	0.0	0.0%
60.5%	58.6	58.6	0.0	0.0%
61.7%	58.6	58.6	0.0	0.0%
63.0%	58.4	58.5	0.1	0.2%
64.2%	58.3	58.5	0.2	0.3%
65.4%	58.3	58.4	0.1	0.2%
66.7%	58.3	58.3	0.0	0.0%
67.9%	58.2	58.2	0.0	0.0%
69.1%	58.1	58.1	0.0	0.0%
70.4%	58.0	58.1	0.1	0.2%
71.6%	58.0	58.1	0.1	0.2%
72.8%	58.0	58.1	0.1	0.2%
74.1%	57.9	58.0	0.1	0.2%
75.3%	57.8	57.9	0.1	0.2%
76.5%	57.7	57.8	0.1	0.2%
77.8%	57.7	57.8	0.1	0.2%
79.0%	57.7	57.6	-0.1	-0.2%
80.2%	57.6	57.6	0.0	0.0%
81.5%	57.6	57.5	-0.1	-0.2%
82.7%	57.6	57.5	-0.1	-0.2%
84.0%	57.5	57.5	0.0	0.0%
85.2%	57.5	57.5	0.0	0.0%
86.4%	57.4	57.4	0.0	0.0%
87.7%	57.3	57.3	0.0	0.0%
88.9%	57.3	57.3	0.0	0.0%
90.1%	57.3	57.2	-0.1	-0.2%
91.4%	57.1	57.0	-0.1	-0.2%
92.6%	56.7	56.7	0.0	0.0%
93.8%	56.6	56.3	-0.3	-0.5%
95.1%	56.4	56.2	-0.2	-0.4%
96.3%	56.3	56.1	-0.2	-0.4%
97.5%	54.9	55.0	0.1	0.2%
98.8%	54.3	54.1	-0.2	-0.4%
100.0%	54.3	54.1	-0.2	-0.4%

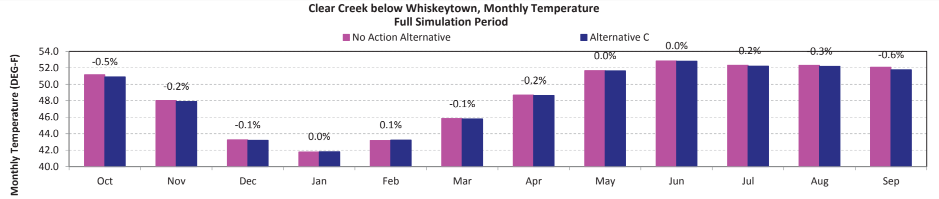
Table SQ-36-7a
Clear Creek below Whiskeytown, Monthly Temperature
Long-term Average and Average by Water Year Type

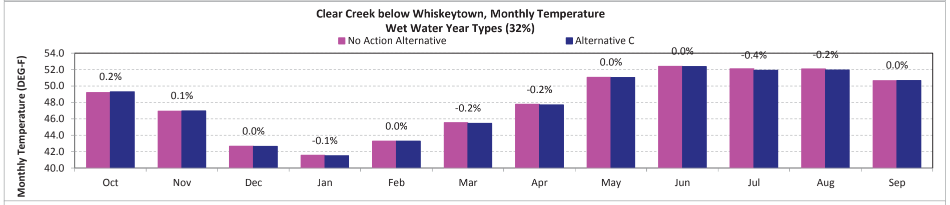
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	51.2	48.0	43.2	41.8	43.2	45.9	48.7	51.7	52.8	52.3	52.3	52.1
Alternative C	50.9	47.9	43.2	41.8	43.2	45.8	48.6	51.6	52.8	52.2	52.2	51.8
Difference	-0.3	-0.1	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	-0.1	-0.1	-0.3
Percent Difference[3]	-0.5%	-0.2%	-0.1%	0.0%	0.1%	-0.1%	-0.2%	0.0%	0.0%	-0.2%	-0.3%	-0.6%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	49.2	46.9	42.7	41.6	43.3	45.5	47.8	51.1	52.4	52.1	52.1	50.7
Alternative C	49.3	47.0	42.6	41.5	43.3	45.4	47.7	51.0	52.4	51.9	52.0	50.7
Difference	0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	-0.2	-0.1	0.0
Percent Difference	0.2%	0.1%	0.0%	-0.1%	0.0%	-0.2%	-0.2%	0.0%	0.0%	-0.4%	-0.2%	0.0%
Above Normal (15%)												
No Action Alternative	50.8	47.7	43.3	42.0	43.3	45.9	48.2	52.3	53.8	52.6	52.4	51.4
Alternative C	50.3	47.5	43.3	41.9	43.3	45.8	48.3	52.3	53.7	52.4	52.1	50.9
Difference	-0.4	-0.2	0.0	0.0	0.0	-0.1	0.1	0.0	-0.1	-0.2	-0.3	-0.5
Percent Difference	-0.9%	-0.4%	0.0%	-0.1%	0.0%	-0.1%	0.1%	0.0%	-0.3%	-0.4%	-0.5%	-0.9%
Below Normal (17%)												
No Action Alternative	51.7	48.1	43.3	41.6	42.6	45.6	48.8	52.3	52.7	52.5	52.5	52.4
Alternative C	51.3	48.1	43.3	41.6	42.6	45.5	48.8	52.3	52.7	52.4	52.4	52.1
Difference	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.2
Percent Difference	-0.7%	0.1%	0.0%	0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.2%	-0.1%	-0.4%
Dry (22%)												
No Action Alternative	51.3	48.7	43.6	41.9	43.1	46.0	49.9	51.8	52.8	52.0	51.7	52.0
Alternative C	51.1	48.5	43.6	42.0	43.2	45.9	49.6	51.9	53.0	52.1	51.8	51.8
Difference	-0.3	-0.2	-0.1	0.1	0.1	-0.1	-0.2	0.1	0.2	0.0	0.2	-0.1
Percent Difference	-0.5%	-0.4%	-0.1%	0.2%	0.3%	-0.1%	-0.5%	0.2%	0.3%	0.1%	0.3%	-0.2%
Critical (15%)												
No Action Alternative	55.0	49.6	43.8	42.1	43.7	46.7	49.3	51.3	53.0	52.8	53.6	55.8
Alternative C	54.3	49.1	43.7	42.2	43.8	46.7	49.3	51.1	53.0	52.8	53.1	54.4
Difference	-0.7	-0.5	-0.1	0.1	0.1	0.0	0.0	-0.2	-0.1	0.0	-0.5	-1.4
Percent Difference	-1.3%	-0.9%	-0.2%	0.3%	0.1%	-0.1%	0.0%	-0.3%	-0.1%	0.0%	-1.0%	-2.5%

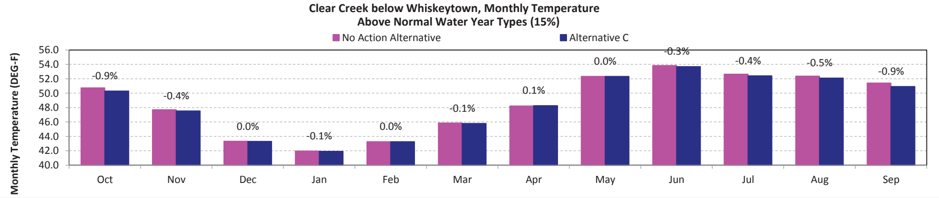
1 Based on the 82-year simulation period

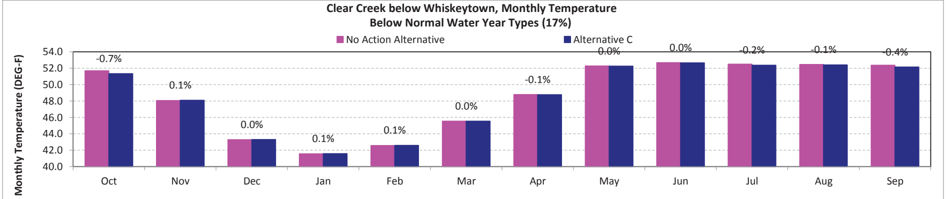
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

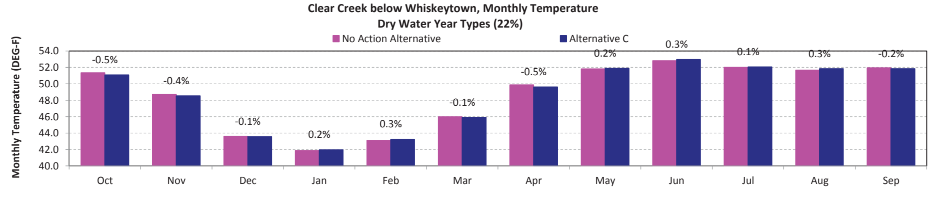
3 Relative difference of the monthly average


Clear Creek below Whiskeytown, Monthly Temperature
Full Simulation Period


Clear Creek below Whiskeytown, Monthly Temperature
Wet Water Year Types (32%)


Clear Creek below Whiskeytown, Monthly Temperature
Above Normal Water Year Types (15%)


Clear Creek below Whiskeytown, Monthly Temperature
Below Normal Water Year Types (17%)


Clear Creek below Whiskeytown, Monthly Temperature
Dry Water Year Types (22%)

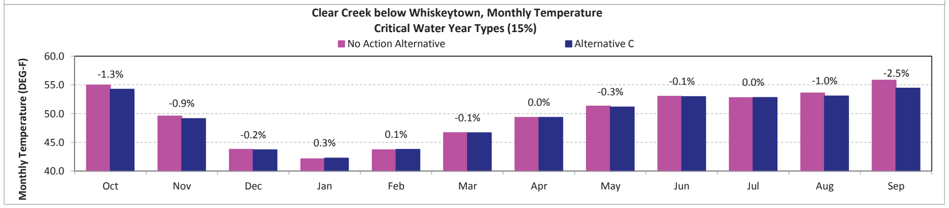

Clear Creek below Whiskeytown, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-36-7b
Clear Creek below Whiskeytown, Monthly Temperature
Probability of Exceedance

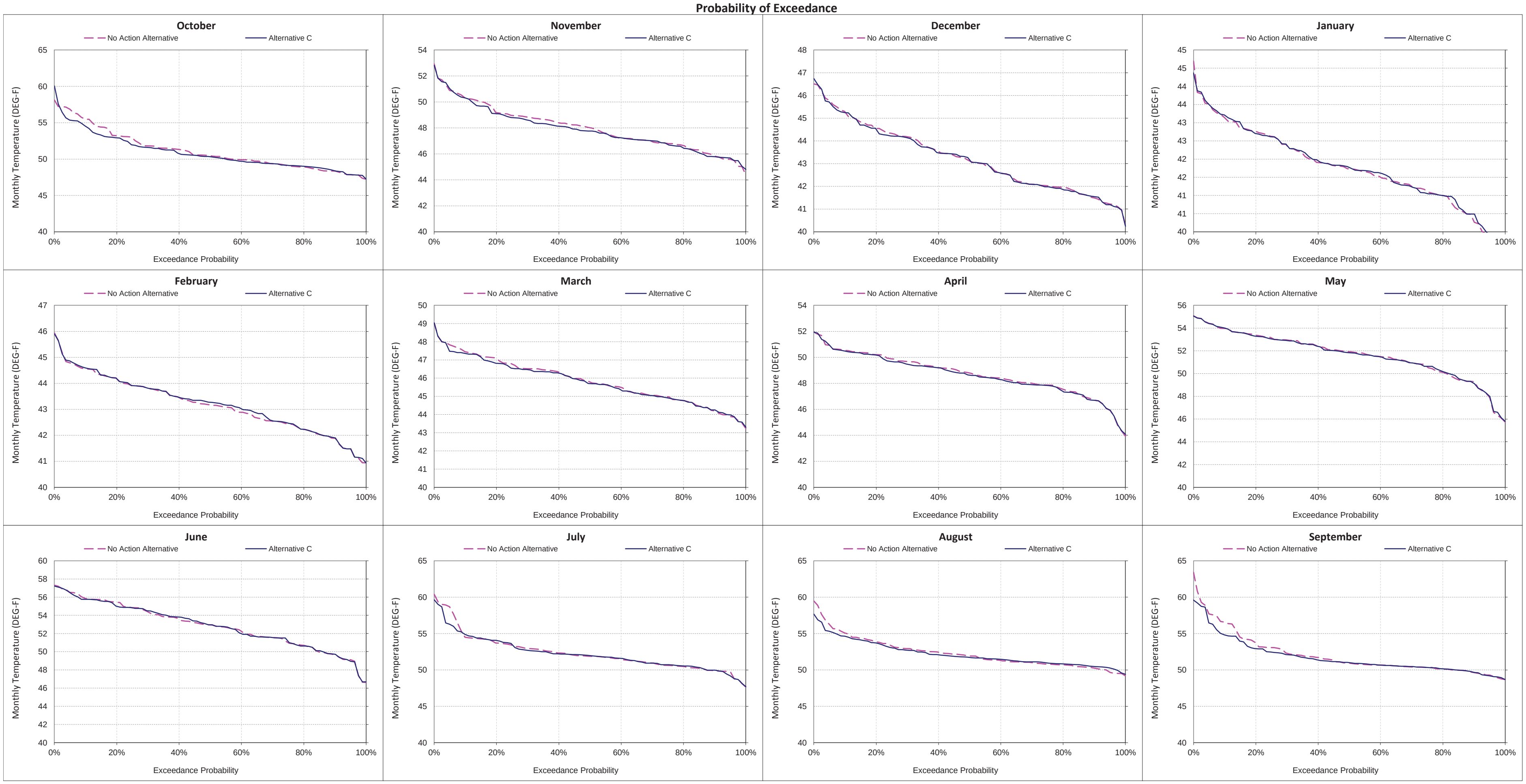


Table SQ-36-7b

Clear Creek below Whiskeytown, Monthly Temperature
Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	58.1	60.1	2.0	3.4%
1.2%	57.2	57.6	0.3	0.6%
2.5%	57.2	56.4	-0.8	-1.4%
3.7%	57.1	55.7	-1.5	-2.5%
4.9%	56.9	55.4	-1.5	-2.6%
6.2%	56.4	55.3	-1.1	-1.9%
7.4%	56.2	55.3	-1.0	-1.7%
8.6%	55.8	54.9	-0.8	-1.5%
9.9%	55.5	54.5	-0.9	-1.7%
11.1%	55.5	54.2	-1.2	-2.2%
12.3%	54.9	53.7	-1.2	-2.2%
13.6%	54.5	53.5	-1.0	-1.9%
14.8%	54.4	53.3	-1.1	-2.0%
16.0%	54.4	53.1	-1.3	-2.3%
17.3%	54.2	53.0	-1.2	-2.1%
18.5%	53.3	53.0	-0.2	-0.5%
19.8%	53.2	52.9	-0.3	-0.5%
21.0%	53.2	52.9	-0.3	-0.5%
22.2%	53.1	52.6	-0.5	-1.0%
23.5%	53.1	52.4	-0.7	-1.2%
24.7%	53.0	52.0	-1.1	-2.0%
25.9%	52.5	51.9	-0.6	-1.2%
27.2%	52.2	51.7	-0.5	-0.9%
28.4%	51.8	51.7	-0.2	-0.4%
29.6%	51.8	51.6	-0.2	-0.4%
30.9%	51.8	51.6	-0.2	-0.5%
32.1%	51.8	51.5	-0.3	-0.6%
33.3%	51.5	51.5	-0.1	-0.1%
34.6%	51.5	51.3	-0.2	-0.4%
35.8%	51.5	51.3	-0.2	-0.4%
37.0%	51.5	51.3	-0.2	-0.4%
38.3%	51.4	51.2	-0.2	-0.3%
39.5%	51.4	50.8	-0.5	-1.0%
40.7%	51.3	50.7	-0.6	-1.2%
42.0%	51.2	50.6	-0.6	-1.1%
43.2%	51.0	50.6	-0.5	-0.9%
44.4%	50.6	50.5	-0.1	-0.1%
45.7%	50.6	50.5	-0.1	-0.1%
46.9%	50.6	50.4	-0.1	-0.3%
48.1%	50.5	50.4	-0.2	-0.3%
49.4%	50.5	50.4	-0.2	-0.3%
50.6%	50.4	50.3	-0.1	-0.3%
51.9%	50.4	50.2	-0.1	-0.3%
53.1%	50.4	50.2	-0.2	-0.4%
54.3%	50.2	50.1	-0.1	-0.2%
55.6%	50.1	49.9	-0.1	-0.3%
56.8%	50.0	49.9	-0.1	-0.3%
58.0%	50.0	49.8	-0.2	-0.3%
59.3%	49.9	49.7	-0.2	-0.4%
60.5%	49.9	49.7	-0.2	-0.4%
61.7%	49.9	49.6	-0.3	-0.6%
63.0%	49.9	49.6	-0.3	-0.6%
64.2%	49.7	49.5	-0.2	-0.4%
65.4%	49.7	49.5	-0.2	-0.4%
66.7%	49.6	49.4	-0.2	-0.3%
67.9%	49.6	49.4	-0.2	-0.3%
69.1%	49.4	49.4	0.0	0.0%
70.4%	49.4	49.4	0.0	0.0%
71.6%	49.3	49.3	0.0	0.0%
72.8%	49.3	49.2	-0.1	-0.2%
74.1%	49.2	49.2	0.0	0.1%
75.3%	49.0	49.1	0.1	0.2%
76.5%	49.0	49.1	0.1	0.2%
77.8%	49.0	49.1	0.1	0.2%
79.0%	48.9	49.0	0.1	0.2%
80.2%	48.9	49.0	0.1	0.1%
81.5%	48.8	48.9	0.1	0.2%
82.7%	48.7	48.9	0.2	0.5%
84.0%	48.7	48.9	0.2	0.4%
85.2%	48.5	48.8	0.3	0.6%
86.4%	48.4	48.7	0.3	0.7%
87.7%	48.4	48.6	0.3	0.6%
88.9%	48.4	48.5	0.1	0.3%
90.1%	48.3	48.4	0.0	0.0%
91.4%	48.2	48.3	0.1	0.2%
92.6%	48.1	48.3	0.2	0.4%
93.8%	47.9	47.9	0.0	0.0%
95.1%	47.9	47.9	0.0	0.0%
96.3%	47.8	47.8	0.0	0.0%
97.5%	47.8	47.8	0.0	0.0%
98.8%	47.4	47.8	0.4	0.9%
100.0%	47.2	47.3	0.0	0.0%

November

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	52.9	52.8	-0.1	-0.2%
1.2%	51.8	51.8	0.0	0.0%
2.5%	51.7	51.6	-0.1	-0.3%
3.7%	51.4	51.5	0.1	0.3%
4.9%	50.9	51.0	0.1	0.3%
6.2%	50.8	50.8	-0.1	-0.1%
7.4%	50.7	50.5	-0.1	-0.3%
8.6%	50.5	50.4	-0.2	-0.3%
9.9%	50.3	50.3	0.0	0.0%
11.1%	50.3	50.2	0.0	-0.1%
12.3%	50.2	50.0	-0.2	-0.5%
13.6%	50.1	49.7	-0.4	-0.8%
14.8%	50.0	49.7	-0.3	-0.6%
16.0%	50.0	49.7	-0.3	-0.6%
17.3%	49.8	49.6	-0.2	-0.4%
18.5%	49.7	49.1	-0.6	-1.1%
19.8%	49.2	49.1	-0.1	-0.2%
21.0%	49.1	49.1	-0.1	-0.1%
22.2%	49.1	49.0	-0.1	-0.2%
23.5%	49.1	48.9	-0.2	-0.4%
24.7%	49.0	48.8	-0.2	-0.3%
25.9%	48.9	48.8	-0.2	-0.3%
27.2%	48.9	48.8	-0.2	-0.4%
28.4%	48.9	48.7	-0.2	-0.4%
29.6%	48.8	48.6	-0.2	-0.4%
30.9%	48.8	48.6	-0.2	-0.5%
32.1%	48.7	48.4	-0.4	-0.8%
33.3%	48.7	48.3	-0.4	-0.8%
34.6%	48.7	48.3	-0.3	-0.7%
35.8%	48.6	48.3	-0.3	-0.6%
37.0%	48.6	48.3	-0.3	-0.7%
38.3%	48.5	48.2	-0.3	-0.7%
39.5%	48.4	48.1	-0.3	-0.6%
40.7%	48.4	48.1	-0.2	-0.5%
42.0%	48.4	48.1	-0.3	-0.5%
43.2%	48.3	48.0	-0.2	-0.5%
44.4%	48.2	47.9	-0.3	-0.7%
45.7%	48.2	47.9	-0.3	-0.7%
46.9%	48.2	47.8	-0.4	-0.8%
48.1%	48.1	47.8	-0.3	-0.7%
49.4%	48.0	47.8	-0.3	-0.6%
50.6%	48.0	47.8	-0.2	-0.5%
51.9%	47.9	47.7	-0.2	-0.3%
53.1%	47.8	47.6	-0.2	-0.3%
54.3%	47.6	47.6	0.0	-0.1%
55.6%	47.6	47.5	0.0	-0.1%
56.8%	47.4	47.3	-0.1	-0.2%
58.0%	47.3	47.3	-0.1	-0.2%
59.3%	47.2	47.3	0.0	0.0%
60.5%	47.2	47.2	0.0	0.0%
61.7%	47.2	47.2	0.0	0.0%
63.0%	47.2	47.1	0.0	-0.1%
64.2%	47.1	47.1	0.0	-0.1%
65.4%	47.1	47.1	0.0	0.0%
66.7%	47.1	47.1	0.0	0.0%
67.9%	47.1	47.0	0.0	0.0%
69.1%	47.0	47.0	0.0	0.0%
70.4%	46.9	47.0	0.1	0.2%
71.6%	46.9	47.0	0.1	0.3%
72.8%	46.9	46.9	0.0	0.0%
74.1%	46.8	46.8	0.0	0.0%
75.3%	46.8	46.7	-0.1	-0.2%
76.5%	46.8	46.6	-0.1	-0.3%
77.8%	46.7	46.6	-0.1	-0.2%
79.0%	46.7	46.6	-0.1	-0.2%
80.2%	46.6	46.4	-0.2	-0.4%
81.5%	46.4	46.4	-0.1	-0.1%
82.7%	46.3	46.3	0.0	-0.1%
84.0%	46.3	46.2	-0.1	-0.2%
85.2%	46.3	46.0	-0.3	-0.6%
86.4%	46.1	46.0	-0.1	-0.3%
87.7%	46.0	45.8	-0.2	-0.5%
88.9%	46.0	45.8	-0.2	-0.4%
90.1%	45.8	45.8	0.0	-0.1%
91.4%	45.8	45.7	0.0	0.0%
92.6%	45.6	45.7	0.1	0.2%
93.8%	45.6	45.7	0.1	0.2%
95.1%	45.6	45.7	0.1	0.2%
96.3%	45.5	45.5	0.0	0.0%
97.5%	45.1	45.5	0.4	0.9%
98.8%	45.0	45.1	0.0	0.1%
100.0%	44.4	44.8	0.4	1.0%

December

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	46.5	46.7	0.2	0.5%
1.2%	46.5	46.5	0.0	0.0%
2.5%	46.2	46.3	0.1	0.2%
3.7%	45.9	45.8	-0.1	-0.3%
4.9%	45.8	45.7	-0.1	-0.1%
6.2%	45.6	45.5	-0.1	-0.2%
7.4%	45.5	45.4	-0.1	-0.3%
8.6%	45.4	45.3	-0.1	-0.2%
9.9%	45.3	45.2	-0.1	-0.1%
11.1%	45.1	45.2	0.2	0.4%
12.3%	45.0	45.1	0.0	0.0%
13.6%	45.0	45.0	0.0	0.0%
14.8%	44.8	44.7	-0.1	-0.3%
16.0%	44.8	44.7	-0.1	-0.2%
17.3%	44.7	44.6	-0.1	-0.2%
18.5%	44.7	44.6	-0.1	-0.3%
19.8%	44.5	44.6	0.0	0.0%
21.0%	44.5	44.3	-0.2	-0.5%
22.2%	44.5	44.3	-0.2	-0.4%
23.5%	44.4	44.3	-0.1	-0.2%
24.7%	44.3	44.2	-0.1	-0.3%
25.9%	44.3	44.2	-0.1	-0.2%
27.2%	44.2	44.2	0.0	0.0%
28.4%	44.2	44.2	0.0	-0.1%
29.6%	44.2	44.1	0.0	-0.1%
30.9%	44.2	44.1	-0.1	-0.1%
32.1%	44.1	44.0	-0.1	-0.2%
33.3%	44.0	43.8	-0.2	-0.4%
34.6%	43.8	43.7	-0.1	-0.2%
35.8%	43.8	43.7	-0.1	-0.1%
37.0%	43.7	43.7	0.0	0.0%
38.3%	43.6	43.7	0.0	0.0%
39.5%	43.6	43.5	-0.1	-0.2%
40.7%	43.5	43.5	0.0	0.0%
42.0%	43.4	43.5	0.0	0.0%
43.2%	43.4	43.4	0.0	0.0%
44.4%	43.4	43.4	0.0	0.1%
45.7%	43.3	43.4	0.1	0.2%
46.9%	43.3	43.3	0.1	0.1%
48.1%	43.3	43.3	0.1	0.1%
49.4%	43.2	43.3	0.1	0.2%
50.6%	43.1	43.1	0.0	-0.1%
51.9%	43.1	43.0	0.0	0.0%
53.1%	43.0	43.0	0.0	0.0%
54.3%	43.0	43.0	0.0	0.0%
55.6%	42.9	43.0	0.1	0.3%
56.8%	42.9	42.8	0.0	-0.1%
58.0%	42.7	42.6	0.0	-0.1%
59.3%	42.6	42.6	0.0	0.0%
60.5%	42.6	42.6	0.0	0.0%
61.7%	42.5	42.6	0.0	0.1%
63.0%	42.5	42.5	0.0	0.0%
64.2%	42.3	42.2	-0.1	-0.3%
65.4%	42.2	42.2	0.0	-0.1%
66.7%	42.2	42.1	-0.1	-0.1%
67.9%	42.1	42.1	0.0	0.0%
69.1%	42.1	42.1	0.0	0.0%
70.4%	42.1	42.1	0.0	0.0%
71.6%	42.1	42.1	0.0	0.1%
72.8%	42.0	42.0	0.0	0.0%
74.1%	42.0	42.0	-0.1	-0.1%
75.3%	42.0	42.0	0.0	-0.1%
76.5%	42.0	41.9	-0.1	-0.1%
77.8%	42.0	41.9	-0.1	-0.1%
79.0%	42.0	41.9	-0.1	-0.1%
80.2%	42.0	41.8	-0.1	-0.3%
81.5%	41.9	41.8	-0.1	-0.2%
82.7%	41.8	41.8	-0.1	-0.2%
84.0%	41.8	41.8	0.0	-0.1%
85.2%	41.7	41.7	0.0	0.1%
86.4%	41.6	41.7	0.0	0.0%
87.7%	41.6	41.6	0.0	0.0%
88.9%	41.5	41.6	0.0	0.1%
90.1%	41.5	41.5	0.1	0.1%
91.4%	41.4	41.5	0.1	0.2%
92.6%	41.3	41.3	0.0	0.0%
93.8%	41.3	41.2	-0.1	-0.2%
95.1%	41.2	41.2	0.0	-0.1%
96.3%	41.2	41.1	-0.1	-0.2%
97.5%	41.1	41.1	0.0	-0.1%
98.8%	41.0	41.0	0.0	0.0%
100.0%	40.3	40.2	0.0	0.0%

January

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	44.7	44.4	-0.3	-0.7%
1.2%	43.8	43.9	0.0	0.1%
2.5%	43.8	43.8	0.0	0.1%
3.7%	43.5	43.6	0.1	0.2%
4.9%	43.5	43.5	0.0	0.0%
6.2%	43.4	43.4	0.0	0.1%
7.4%	43.3	43.3	0.1	0.1%
8.6%	43.2	43.2	0.0	0.0%
9.9%	43.1	43.2	0.1	0.2%
11.1%	43.0	43.1	0.1	0.2%
12.3%	43.0	43.1	0.1	0.1%
13.6%	43.0	43.0	0.0	0.0%
14.8%	42.9	43.0	0.2	0.4%
16.0%	42.8	42.8	0.0	0.0%
17.3%	42.8	42.8	0.0	-0.1%
18.5%	42.8	42.8	0.0	0.0%
19.8%	42.8	42.7	-0.1	-0.1%
21.0%	42.7	42.7	0.0	-0.1%
22.2%	42.7	42.6	-0.1	-0.1%
23.5%	42.7	42.6	0.0	-0.1%
24.7%	42.6	42.6	0.0	0.0%
25.9%	42.6	42.6	0.0	0.0%
27.2%	42.5	42.5	0.0	0.0%
28.4%	42.4	42.4	0.0	0.0%
29.6%	42.4	42.4	0.0	0.0%
30.9%	42.3	42.3	0.0	0.0%
32.1%	42.3	42.3	0.0	0.0%
33.3%	42.2	42.2	0.0	0.1%
34.6%	42.2	42.2	0.0	0.1%
35.8%	42.1	42.2	0.1	0.2%
37.0%	42.0	42.1	0.1	0.1%
38.3%	42.0	42.0	0.0	0.0%
39.5%	41.9	42.0	0.1	0.2%
40.7%	41.9	41.9	0.0	0.0%
42.0%	41.9	41.9	0.0	0.0%
43.2%	41.9	41.9	0.0	0.0%
44.4%	41.8	41.8	0.0	0.0%
45.7%	41.8	41.8	0.0	0.0%
46.9%	41.8	41.8	0.0	0.0%
48.1%	41.8	41.8	0.0	0.1%
49.4%	41.7	41.8	0.1	0.1%
50.6%	41.7	41.7	0.0	0.0%
51.9%	41.7	41.7	0.0	-0.1%
53.1%	41.7	41.7	0.0	0.0%
54.3%	41.7	41.7	0.0	0.1%
55.6%	41.6	41.7	0.0	0.1%
56.8%	41.6	41.7	0.0	0.1%
58.0%	41.5	41.6	0.1	0.2%
59.3%	41.5	41.6	0.1	0.2%
60.5%	41.5	41.6	0.1	0.3%
61.7%	41.5	41.6	0.1	0.2%
63.0%	41.4	41.5	0.1	0.3%
64.2%	41.4	41.4	0.0	-0.1%
65.4%	41.4	41.3	0.0	-0.1%
66.7%	41.3	41.3	0.0	-0.1%
67.9%	41.3	41.3	0.0	-0.1%
69.1%	41.3	41.3	0.0	-0.1%
70.4%	41.2	41.2	0.0	0.0%
71.6%	41.2	41.2	0.0	0.0%
72.8%	41.2	41.1	-0.1	-0.3%
74.1%	41.2	41.1	-0.1	-0.2%
75.3%	41.1	41.0	0.0	-0.1%
76.5%	41.1	41.0	0.0	0.0%
77.8%	41.0	41.0	0.0	0.0%
79.0%	41.0	41.0	0.0	0.0%
80.2%	41.0	41.0	0.0	0.0%
81.5%	41.0	41.0	0.0	0.0%
82.7%	40.8	41.0	0.2	0.4%
84.0%	40.7	40.9	0.2	0.5%
85.2%	40.6	40.7	0.1	0.2%
86.4%	40.6	40.6	0.0	0.1%
87.7%	40.5	40.5	0.0	0.0%
88.9%	40.5	40.5	0.0	0.0%
90.1%	40.3	40.5	0.2	0.6%
91.4%	40.2	40.2	0.0	0.1%
92.6%	40.0	40.2	0.1	0.3%
93.8%	39.9	40.0	0.1	0.2%
95.1%	39.9	39.9	0.0	-0.1%
96.3%	39.8	39.9	0.1	0.2%
97.5%	39.7	39.7	0.0	-0.1%
98.8%	39.6	39.6	0.0	0.0%
100.0%	39.3	39.2	-0.1	-0.2%

Table SQ-36-7b

Clear Creek below Whiskeytown, Monthly Temperature

Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	45.9	45.9	0.0	-0.1%
1.2%	45.6	45.7	0.0	0.0%
2.5%	45.2	45.1	-0.1	-0.1%
3.7%	44.8	44.9	0.1	0.1%
4.9%	44.8	44.9	0.1	0.2%
6.2%	44.7	44.8	0.0	0.1%
7.4%	44.7	44.7	0.0	0.1%
8.6%	44.6	44.6	0.1	0.1%
9.9%	44.6	44.6	0.0	0.1%
11.1%	44.5	44.6	0.0	0.0%
12.3%	44.5	44.5	0.0	0.0%
13.6%	44.4	44.5	0.2	0.4%
14.8%	44.3	44.3	0.0	-0.1%
16.0%	44.3	44.3	0.0	0.1%
17.3%	44.3	44.3	0.0	0.0%
18.5%	44.2	44.2	0.0	0.0%
19.8%	44.2	44.2	0.0	0.0%
21.0%	44.0	44.1	0.0	0.1%
22.2%	44.0	44.0	0.0	0.1%
23.5%	44.0	44.0	0.0	0.1%
24.7%	43.9	43.9	0.0	0.0%
25.9%	43.9	43.9	0.0	0.0%
27.2%	43.9	43.9	0.0	0.0%
28.4%	43.9	43.9	0.0	0.0%
29.6%	43.8	43.8	0.0	0.0%
30.9%	43.8	43.8	0.0	0.0%
32.1%	43.8	43.8	0.0	0.0%
33.3%	43.7	43.8	0.0	0.1%
34.6%	43.7	43.7	0.0	0.0%
35.8%	43.7	43.7	0.0	0.0%
37.0%	43.5	43.5	0.0	0.0%
38.3%	43.5	43.5	0.0	0.0%
39.5%	43.5	43.5	0.0	0.0%
40.7%	43.4	43.4	0.0	0.1%
42.0%	43.4	43.4	0.0	0.1%
43.2%	43.3	43.4	0.1	0.2%
44.4%	43.3	43.4	0.1	0.2%
45.7%	43.3	43.3	0.1	0.2%
46.9%	43.2	43.3	0.1	0.3%
48.1%	43.2	43.3	0.1	0.3%
49.4%	43.2	43.3	0.1	0.2%
50.6%	43.2	43.3	0.1	0.3%
51.9%	43.2	43.2	0.1	0.2%
53.1%	43.1	43.2	0.1	0.2%
54.3%	43.1	43.2	0.1	0.2%
55.6%	43.1	43.2	0.1	0.2%
56.8%	43.1	43.2	0.1	0.2%
58.0%	42.9	43.1	0.2	0.4%
59.3%	42.9	43.1	0.2	0.4%
60.5%	42.9	43.0	0.1	0.2%
61.7%	42.8	43.0	0.1	0.3%
63.0%	42.8	43.0	0.1	0.3%
64.2%	42.7	42.9	0.2	0.5%
65.4%	42.7	42.8	0.2	0.4%
66.7%	42.6	42.8	0.2	0.5%
67.9%	42.6	42.7	0.1	0.3%
69.1%	42.6	42.6	0.0	0.1%
70.4%	42.5	42.5	0.0	0.0%
71.6%	42.5	42.5	0.0	0.0%
72.8%	42.5	42.5	0.0	0.0%
74.1%	42.5	42.5	0.0	0.1%
75.3%	42.4	42.5	0.0	0.0%
76.5%	42.4	42.4	0.0	0.1%
77.8%	42.3	42.3	0.0	0.0%
79.0%	42.2	42.2	0.0	0.0%
80.2%	42.2	42.2	0.0	0.0%
81.5%	42.2	42.2	0.0	0.0%
82.7%	42.1	42.1	0.0	0.0%
84.0%	42.1	42.1	0.0	0.1%
85.2%	42.0	42.0	0.0	0.0%
86.4%	42.0	42.0	0.0	0.0%
87.7%	42.0	42.0	0.0	0.0%
88.9%	41.9	41.9	0.0	0.1%
90.1%	41.9	41.9	0.0	0.0%
91.4%	41.7	41.7	0.0	0.0%
92.6%	41.5	41.5	0.0	0.0%
93.8%	41.5	41.5	0.0	0.0%
95.1%	41.5	41.5	0.0	0.0%
96.3%	41.2	41.2	0.0	0.0%
97.5%	41.1	41.2	0.0	0.1%
98.8%	40.9	41.1	0.2	0.4%
100.0%	40.9	40.9	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	49.0	49.0	0.0	0.0%
1.2%	48.3	48.3	0.0	0.0%
2.5%	48.0	48.0	0.0	0.0%
3.7%	48.0	47.9	0.0	-0.1%
4.9%	47.8	47.5	-0.4	-0.7%
6.2%	47.8	47.5	-0.3	-0.6%
7.4%	47.7	47.4	-0.3	-0.6%
8.6%	47.6	47.4	-0.2	-0.4%
9.9%	47.5	47.4	-0.1	-0.2%
11.1%	47.4	47.3	-0.1	-0.2%
12.3%	47.4	47.3	0.0	-0.1%
13.6%	47.3	47.3	0.0	0.0%
14.8%	47.2	47.2	0.0	-0.1%
16.0%	47.2	47.0	-0.2	-0.4%
17.3%	47.2	46.9	-0.2	-0.5%
18.5%	47.1	46.9	-0.2	-0.5%
19.8%	47.1	46.8	-0.3	-0.6%
21.0%	46.9	46.8	-0.1	-0.3%
22.2%	46.8	46.8	0.0	-0.1%
23.5%	46.8	46.7	-0.1	-0.3%
24.7%	46.8	46.5	-0.3	-0.5%
25.9%	46.7	46.5	-0.2	-0.4%
27.2%	46.5	46.5	0.0	0.0%
28.4%	46.5	46.5	-0.1	-0.1%
29.6%	46.5	46.5	0.0	-0.1%
30.9%	46.5	46.4	-0.1	-0.2%
32.1%	46.5	46.4	-0.1	-0.3%
33.3%	46.5	46.4	-0.1	-0.3%
34.6%	46.5	46.4	-0.1	-0.2%
35.8%	46.4	46.4	-0.1	-0.2%
37.0%	46.4	46.4	-0.1	-0.2%
38.3%	46.4	46.3	-0.1	-0.2%
39.5%	46.4	46.3	-0.1	-0.2%
40.7%	46.3	46.2	0.0	-0.1%
42.0%	46.1	46.1	0.0	0.0%
43.2%	46.1	46.1	0.0	0.0%
44.4%	46.0	46.0	0.0	-0.1%
45.7%	46.0	46.0	0.0	-0.1%
46.9%	46.0	45.9	-0.1	-0.2%
48.1%	45.9	45.8	0.0	-0.1%
49.4%	45.8	45.7	-0.1	-0.3%
50.6%	45.7	45.7	0.0	-0.1%
51.9%	45.7	45.7	0.0	0.0%
53.1%	45.7	45.7	0.0	0.0%
54.3%	45.7	45.6	0.0	-0.1%
55.6%	45.6	45.6	0.0	0.1%
56.8%	45.6	45.5	0.0	0.0%
58.0%	45.5	45.5	-0.1	-0.2%
59.3%	45.5	45.4	-0.1	-0.2%
60.5%	45.5	45.3	-0.2	-0.4%
61.7%	45.3	45.3	0.0	0.0%
63.0%	45.2	45.3	0.0	0.0%
64.2%	45.2	45.2	0.0	0.0%
65.4%	45.2	45.2	0.0	0.0%
66.7%	45.2	45.1	-0.1	-0.2%
67.9%	45.1	45.1	0.0	-0.1%
69.1%	45.1	45.0	0.0	0.0%
70.4%	45.1	45.0	0.0	0.0%
71.6%	45.0	45.0	-0.1	-0.1%
72.8%	45.0	45.0	0.0	0.0%
74.1%	45.0	44.9	0.0	-0.1%
75.3%	45.0	44.9	-0.1	-0.1%
76.5%	44.8	44.9	0.0	0.1%
77.8%	44.8	44.8	0.0	0.0%
79.0%	44.8	44.8	0.0	0.0%
80.2%	44.8	44.8	0.0	0.0%
81.5%	44.7	44.7	0.0	0.0%
82.7%	44.7	44.7	0.0	0.0%
84.0%	44.5	44.5	-0.1	-0.1%
85.2%	44.5	44.5	0.0	0.0%
86.4%	44.4	44.4	-0.1	-0.1%
87.7%	44.4	44.4	0.0	0.0%
88.9%	44.2	44.3	0.0	0.0%
90.1%	44.2	44.2	0.1	0.1%
91.4%	44.1	44.1	0.1	0.1%
92.6%	44.0	44.1	0.1	0.2%
93.8%	44.0	44.0	0.0	0.0%
95.1%	43.9	44.0	0.1	0.2%
96.3%	43.9	43.9	0.0	0.1%
97.5%	43.7	43.6	0.0	-0.1%
98.8%	43.5	43.6	0.0	0.1%
100.0%	43.2	43.3	0.1	0.1%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	51.9	51.9	0.0	0.0%
1.2%	51.8	51.9	0.1	0.2%
2.5%	51.7	51.4	-0.3	-0.6%
3.7%	51.0	51.3	0.3	0.5%
4.9%	50.9	51.0	0.0	0.1%
6.2%	50.6	50.6	0.0	0.0%
7.4%	50.6	50.6	0.0	-0.1%
8.6%	50.6	50.5	-0.1	-0.1%
9.9%	50.5	50.5	-0.1	-0.1%
11.1%	50.5	50.4	-0.1	-0.2%
12.3%	50.4	50.4	-0.1	-0.1%
13.6%	50.4	50.4	-0.1	-0.1%
14.8%	50.4	50.3	0.0	0.0%
16.0%	50.4	50.3	-0.1	-0.2%
17.3%	50.3	50.2	-0.1	-0.2%
18.5%	50.2	50.2	0.0	-0.1%
19.8%	50.2	50.2	0.0	0.0%
21.0%	50.2	50.1	-0.1	-0.2%
22.2%	50.2	49.9	-0.3	-0.6%
23.5%	49.9	49.7	-0.2	-0.4%
24.7%	49.9	49.7	-0.2	-0.4%
25.9%	49.9	49.7	-0.2	-0.4%
27.2%	49.7	49.6	-0.1	-0.2%
28.4%	49.7	49.6	-0.1	-0.3%
29.6%	49.7	49.5	-0.2	-0.4%
30.9%	49.7	49.4	-0.2	-0.5%
32.1%	49.7	49.4	-0.3	-0.6%
33.3%	49.6	49.3	-0.2	-0.5%
34.6%	49.4	49.3	-0.1	-0.2%
35.8%	49.4	49.3	-0.1	-0.1%
37.0%	49.3	49.3	-0.1	-0.2%
38.3%	49.3	49.2	-0.1	-0.1%
39.5%	49.2	49.2	0.0	0.0%
40.7%	49.2	49.2	0.0	0.0%
42.0%	49.2	49.0	-0.1	-0.2%
43.2%	49.2	49.0	-0.2	-0.4%
44.4%	49.1	48.9	-0.2	-0.5%
45.7%	49.0	48.8	-0.2	-0.4%
46.9%	48.9	48.8	-0.1	-0.3%
48.1%	48.9	48.8	-0.1	-0.2%
49.4%	48.8	48.6	-0.2	-0.4%
50.6%	48.8	48.6	-0.2	-0.3%
51.9%	48.6	48.6	0.0	-0.1%
53.1%	48.6	48.5	-0.1	-0.2%
54.3%	48.5	48.5	0.0	-0.1%
55.6%	48.5	48.4	0.0	-0.1%
56.8%	48.5	48.4	0.0	-0.1%
58.0%	48.4	48.4	0.0	-0.1%
59.3%	48.4	48.3	-0.1	-0.2%
60.5%	48.4	48.3	-0.1	-0.3%
61.7%	48.3	48.2	-0.1	-0.3%
63.0%	48.3	48.1	-0.1	-0.3%
64.2%	48.2	48.1	-0.1	-0.2%
65.4%	48.1	48.1	-0.1	-0.1%
66.7%	48.1	47.9	-0.1	-0.3%
67.9%	48.1	47.9	-0.1	-0.3%
69.1%	48.0	47.9	-0.1	-0.3%
70.4%	48.0	47.9	-0.1	-0.2%
71.6%	47.9	47.9	0.0	-0.1%
72.8%	47.9	47.9	0.0	0.0%
74.1%	47.9	47.9	0.0	0.0%
75.3%	47.9	47.8	0.0	-0.1%
76.5%	47.9	47.8	-0.1	-0.1%
77.8%	47.7	47.7	0.0	0.0%
79.0%	47.6	47.5	-0.1	-0.2%
80.2%	47.5	47.3	-0.2	-0.4%
81.5%	47.4	47.3	-0.1	-0.2%
82.7%	47.4	47.3	0.0	-0.1%
84.0%	47.3	47.2	-0.1	-0.3%
85.2%	47.1	47.2	0.1	0.2%
86.4%	47.0	47.1	0.1	0.2%
87.7%	46.9	46.8	-0.1	-0.3%
88.9%	46.8	46.7	-0.1	-0.2%
90.1%	46.7	46.7	0.0	0.0%
91.4%	46.6	46.7	0.0	0.0%
92.6%	46.4	46.4	0.0	0.0%
93.8%	46.1	46.1	0.0	0.0%
95.1%	45.9	45.9	0.0	0.0%
96.3%	45.5	45.5	0.0	0.0%
97.5%	44.8	44.8	0.1	0.1%
98.8%	44.3	44.4	0.0	0.1%
100.0%	43.9	44.1	0.2	0.3%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	55.1	55.1	0.0	0.0%
1.2%	54.9	54.9	0.0	0.0%
2.5%	54.8	54.8	0.0	0.0%
3.7%	54.6	54.5	0.0	-0.1%
4.9%	54.4	54.4	0.0	0.0%
6.2%	54.4	54.3	0.0	0.0%
7.4%	54.1	54.2	0.0	0.1%
8.6%	54.0	54.1	0.1	0.2%
9.9%	54.0	54.0	0.1	0.1%
11.1%	54.0	53.9	-0.1	-0.1%
12.3%	53.7	53.7	0.0	0.0%
13.6%	53.7	53.7	0.0	0.0%
14.8%	53.6	53.6	0.0	0.0%
16.0%	53.6	53.6	0.0	-0.1%
17.3%	53.5	53.5	0.0	0.0%
18.5%	53.5	53.3	-0.1	-0.3%
19.8%	53.4	53.3	-0.1	-0.1%
21.0%	53.3	53.3	-0.1	-0.1%
22.2%	53.3	53.2	0.0	-0.1%
23.5%	53.2	53.2	0.0	-0.1%
24.7%	53.2	53.0	-0.1	-0.2%
25.9%	53.0	53.0	0.0	0.0%
27.2%	53.0	53.0	0.0	0.0%
28.4%	53.0	52.9	0.0	-0.1%
29.6%	53.0	52.9	0.0	-0.1%
30.9%	52.9	52.9	-0.1	-0.1%
32.1%	52.9	52.9	-0.1	-0.1%
33.3%	52.9	52.7	-0.2	-0.3%
34.6%	52.6	52.6	0.0	0.0%
35.8%	52.6	52.6	0.0	0.0%
37.0%	52.6	52.6	0.0	-0.1%
38.3%	52.6	52.6	0.0	-0.1%
39.5%	52.4	52.4	0.0	0.0%
40.7%	52.3	52.3	0.0	0.0%
42.0%	52.3	52.1	-0.2	-0.4%
43.2%	52.1	52.1	0.0	-0.1%
44.4%	52.1	52.0	-0.1	-0.1%
45.7%	52.1	52.0	-0.1	-0.1%
46.9%	52.0	52.0	0.0	-0.1%
48.1%	52.0	51.9	-0.1	-0.2%
49.4%	51.9	51.9	-0.1	-0.1%
50.6%	51.9	51.8	-0.1	-0.2%
51.9%	51.9	51.8	-0.1	-0.1%
53.1%	51.8	51.7	-0.1	-0.2%
54.3%	51.8	51.6	-0.2	-0.3%
55.6%	51.7	51.6	0.0	-0.1%
56.8%	51.6	51.6	0.0	0.0%
58.0%	51.5	51.5	0.0	0.0%
59.3%	51.5	51.5	0.0	0.0%
60.5%	51.5	51.4	0.0	0.0%
61.7%	51.5	51.3	-0.2	-0.4%
63.0%	51.4	51.2	-0.2	-0.4%
64.2%	51.3	51.2	-0.1	-0.1%
65.4%	51.2	51.2	0.0	-0.1%
66.7%	51.2	51.1	-0.1	-0.1%
67.9%	51.1	51.1	0.0	-0.1%
69.1%	51.0	51.0	0.0	-0.1%
70.4%	50.9	50.9	0.0	0.0%
71.6%	50.9	50.9	0.0	0.0%
72.8%	50.8	50.8	0.0	0.0%
74.1%	50.8	50.6	-0.2	-0.3%
75.3%	50.5	50.6	0.1	0.2%
76.5%	50.4	50.6	0.2	0.4%
77.8%	50.2	50.4	0.2	0.4%
79.0%	50.2	50.3	0.1	0.3%
80.2%	50.1	50.2	0.1	0.1%
81.5%	50.0	50.0	0.1	0.1%
82.7%	49.8	49.9	0.2	0.3%
84.0%	49.6	49.8	0.3	0.5%
85.2%	49.4	49.5	0.1	0.2%
86.4%	49.4	49.4	0.0	0.0%
87.7%	49.3	49.3	0.0	0.0%
88.9%	49.3	49.3	0.0	0.0%
90.1%	49.3	49.1	-0.2	-0.4%
91.4%	48.7	48.7	0.0	0.0%
92.6%	48.5	48.6	0.1	0.1%
93.8%	48.3	48.3	0.0	0.0%
95.1%	47.9	48.0	0.1	0.2%
96.3%	46.6	46.7	0.1	0.2%
97.5%	46.3	46.6	0.3	0.6%
98.8%	46.1	46.1	0.0	0.1%
100.0%	45.7	45.8	0.1	0.1%

Table SQ-36-7b

Clear Creek below Whiskeytown, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	57.3	57.2	-0.1	-0.2%
1.2%	57.2	57.1	-0.1	-0.1%
2.5%	56.9	57.0	0.0	0.0%
3.7%	56.8	56.8	0.0	-0.1%
4.9%	56.5	56.5	0.0	0.0%
6.2%	56.5	56.2	-0.3	-0.5%
7.4%	56.4	56.1	-0.3	-0.6%
8.6%	56.1	55.8	-0.3	-0.5%
9.9%	55.9	55.8	-0.1	-0.2%
11.1%	55.8	55.8	0.0	0.0%
12.3%	55.8	55.7	0.0	-0.1%
13.6%	55.7	55.7	0.0	0.0%
14.8%	55.7	55.6	-0.1	-0.2%
16.0%	55.7	55.5	-0.2	-0.3%
17.3%	55.5	55.5	0.0	0.0%
18.5%	55.5	55.4	-0.1	-0.2%
19.8%	55.4	55.0	-0.4	-0.7%
21.0%	55.4	54.9	-0.5	-0.9%
22.2%	55.0	54.9	-0.1	-0.1%
23.5%	55.0	54.9	-0.1	-0.2%
24.7%	54.8	54.9	0.0	0.0%
25.9%	54.8	54.8	-0.1	-0.1%
27.2%	54.8	54.8	-0.1	-0.1%
28.4%	54.6	54.7	0.1	0.2%
29.6%	54.5	54.5	0.0	0.1%
30.9%	54.2	54.5	0.3	0.5%
32.1%	54.1	54.4	0.3	0.5%
33.3%	54.1	54.2	0.1	0.3%
34.6%	53.9	54.1	0.2	0.4%
35.8%	53.8	54.0	0.2	0.4%
37.0%	53.8	53.9	0.1	0.1%
38.3%	53.8	53.8	0.0	0.1%
39.5%	53.7	53.8	0.2	0.3%
40.7%	53.4	53.8	0.4	0.7%
42.0%	53.4	53.7	0.3	0.6%
43.2%	53.3	53.6	0.3	0.5%
44.4%	53.2	53.4	0.2	0.3%
45.7%	53.2	53.4	0.2	0.4%
46.9%	53.1	53.2	0.1	0.2%
48.1%	53.0	53.1	0.1	0.2%
49.4%	53.0	53.0	0.0	0.0%
50.6%	52.9	53.0	0.0	0.1%
51.9%	52.8	52.8	0.0	0.0%
53.1%	52.8	52.8	0.0	0.1%
54.3%	52.7	52.8	0.0	0.1%
55.6%	52.6	52.7	0.1	0.1%
56.8%	52.5	52.5	0.0	0.0%
58.0%	52.5	52.5	0.0	-0.1%
59.3%	52.4	52.1	-0.3	-0.6%
60.5%	52.1	51.9	-0.2	-0.4%
61.7%	51.9	51.9	0.0	0.0%
63.0%	51.9	51.7	-0.2	-0.4%
64.2%	51.7	51.7	0.0	0.0%
65.4%	51.7	51.6	-0.1	-0.1%
66.7%	51.6	51.6	0.0	-0.1%
67.9%	51.6	51.6	0.0	0.0%
69.1%	51.6	51.6	0.0	0.0%
70.4%	51.6	51.6	0.0	0.0%
71.6%	51.5	51.5	0.0	0.0%
72.8%	51.5	51.5	0.1	0.1%
74.1%	51.2	51.5	0.3	0.6%
75.3%	50.9	51.0	0.1	0.1%
76.5%	50.9	50.9	0.0	0.0%
77.8%	50.8	50.8	-0.1	-0.2%
79.0%	50.7	50.6	-0.1	-0.2%
80.2%	50.7	50.6	-0.1	-0.1%
81.5%	50.6	50.6	0.0	0.1%
82.7%	50.5	50.5	0.0	0.0%
84.0%	50.1	50.1	0.0	0.0%
85.2%	49.9	50.1	0.2	0.3%
86.4%	49.9	50.0	0.1	0.1%
87.7%	49.8	49.8	0.0	0.0%
88.9%	49.7	49.8	0.0	0.0%
90.1%	49.6	49.7	0.1	0.1%
91.4%	49.4	49.4	0.0	-0.1%
92.6%	49.2	49.2	0.1	0.2%
93.8%	49.1	49.1	0.0	0.0%
95.1%	49.1	49.0	-0.2	-0.3%
96.3%	48.9	48.9	-0.1	-0.1%
97.5%	47.4	47.4	0.0	0.0%
98.8%	46.7	46.7	0.0	0.1%
100.0%	46.6	46.7	0.1	0.1%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.4	59.6	-0.8	-1.3%
1.2%	59.4	59.0	-0.3	-0.5%
2.5%	59.0	58.7	-0.3	-0.6%
3.7%	58.9	56.5	-2.5	-4.2%
4.9%	58.7	56.3	-2.4	-4.1%
6.2%	57.7	56.0	-1.7	-3.0%
7.4%	56.5	55.4	-1.2	-2.1%
8.6%	55.4	55.3	-0.1	-0.2%
9.9%	54.5	54.9	0.4	0.7%
11.1%	54.4	54.7	0.3	0.5%
12.3%	54.4	54.6	0.3	0.5%
13.6%	54.3	54.4	0.0	0.1%
14.8%	54.3	54.4	0.1	0.2%
16.0%	54.3	54.2	0.0	0.0%
17.3%	54.3	54.2	-0.1	-0.1%
18.5%	54.0	54.1	0.1	0.1%
19.8%	53.7	54.1	0.4	0.7%
21.0%	53.7	54.0	0.3	0.6%
22.2%	53.6	53.8	0.2	0.3%
23.5%	53.5	53.7	0.2	0.4%
24.7%	53.4	53.6	0.2	0.4%
25.9%	53.2	53.1	-0.1	-0.3%
27.2%	53.2	52.9	-0.3	-0.6%
28.4%	53.1	52.8	-0.3	-0.5%
29.6%	52.9	52.7	-0.2	-0.4%
30.9%	52.9	52.6	-0.3	-0.5%
32.1%	52.9	52.6	-0.3	-0.5%
33.3%	52.8	52.6	-0.3	-0.5%
34.6%	52.7	52.5	-0.2	-0.4%
35.8%	52.6	52.5	-0.1	-0.2%
37.0%	52.5	52.4	-0.2	-0.3%
38.3%	52.5	52.2	-0.3	-0.6%
39.5%	52.3	52.2	-0.1	-0.2%
40.7%	52.3	52.2	-0.1	-0.2%
42.0%	52.3	52.2	-0.1	-0.2%
43.2%	52.2	52.1	0.0	0.0%
44.4%	52.1	52.1	0.1	0.1%
45.7%	52.0	52.1	0.1	0.2%
46.9%	51.9	52.1	0.1	0.3%
48.1%	51.9	52.1	0.1	0.2%
49.4%	51.9	52.0	0.1	0.2%
50.6%	51.9	51.9	0.1	0.1%
51.9%	51.9	51.9	0.0	0.0%
53.1%	51.8	51.9	0.0	0.1%
54.3%	51.8	51.8	0.0	0.1%
55.6%	51.7	51.7	0.0	0.1%
56.8%	51.6	51.7	0.1	0.2%
58.0%	51.6	51.6	0.1	0.1%
59.3%	51.6	51.6	0.1	0.1%
60.5%	51.4	51.6	0.2	0.3%
61.7%	51.4	51.4	0.1	0.1%
63.0%	51.3	51.3	0.0	0.1%
64.2%	51.2	51.3	0.1	0.1%
65.4%	51.2	51.1	0.0	-0.1%
66.7%	51.1	51.1	-0.1	-0.1%
67.9%	51.1	50.9	-0.1	-0.2%
69.1%	51.0	50.9	0.0	0.0%
70.4%	50.9	50.9	0.0	0.0%
71.6%	50.8	50.9	0.1	0.2%
72.8%	50.7	50.7	0.0	0.1%
74.1%	50.6	50.7	0.1	0.1%
75.3%	50.6	50.7	0.1	0.2%
76.5%	50.6	50.7	0.1	0.2%
77.8%	50.5	50.6	0.1	0.1%
79.0%	50.5	50.6	0.1	0.1%
80.2%	50.5	50.5	0.1	0.1%
81.5%	50.3	50.5	0.2	0.4%
82.7%	50.3	50.5	0.2	0.4%
84.0%	50.3	50.4	0.1	0.2%
85.2%	50.2	50.3	0.1	0.2%
86.4%	50.1	50.1	0.0	0.0%
87.7%	49.9	50.0	0.0	0.0%
88.9%	49.9	50.0	0.0	0.0%
90.1%	49.9	50.0	0.1	0.1%
91.4%	49.8	49.8	0.0	0.0%
92.6%	49.8	49.8	0.0	-0.1%
93.8%	49.8	49.4	-0.4	-0.7%
95.1%	49.7	49.2	-0.5	-1.1%
96.3%	48.8	48.8	0.0	0.1%
97.5%	48.8	48.7	-0.1	-0.2%
98.8%	48.1	48.1	0.0	0.1%
100.0%	47.6	47.7	0.1	0.1%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.5	57.7	-1.8	-3.0%
1.2%	58.9	56.9	-2.0	-3.4%
2.5%	57.6	56.6	-1.1	-1.9%
3.7%	56.8	55.4	-1.4	-2.5%
4.9%	56.3	55.3	-1.0	-1.7%
6.2%	55.7	55.1	-0.5	-1.0%
7.4%	55.7	54.9	-0.7	-1.3%
8.6%	55.3	54.7	-0.7	-1.2%
9.9%	55.1	54.6	-0.4	-0.8%
11.1%	54.9	54.5	-0.4	-0.8%
12.3%	54.5	54.3	-0.2	-0.4%
13.6%	54.5	54.2	-0.3	-0.5%
14.8%	54.3	54.1	-0.2	-0.4%
16.0%	54.3	54.0	-0.3	-0.5%
17.3%	54.2	54.0	-0.2	-0.3%
18.5%	54.1	53.8	-0.3	-0.6%
19.8%	53.9	53.7	-0.2	-0.4%
21.0%	53.8	53.6	-0.2	-0.3%
22.2%	53.6	53.4	-0.2	-0.4%
23.5%	53.6	53.2	-0.4	-0.8%
24.7%	53.4	53.1	-0.3	-0.6%
25.9%	53.1	53.0	-0.1	-0.2%
27.2%	53.1	52.8	-0.3	-0.5%
28.4%	53.0	52.8	-0.2	-0.3%
29.6%	52.9	52.7	-0.2	-0.4%
30.9%	52.9	52.7	-0.2	-0.4%
32.1%	52.7	52.7	-0.1	-0.1%
33.3%	52.7	52.5	-0.2	-0.5%
34.6%	52.6	52.5	-0.2	-0.3%
35.8%	52.6	52.4	-0.2	-0.4%
37.0%	52.5	52.1	-0.4	-0.7%
38.3%	52.5	52.1	-0.4	-0.7%
39.5%	52.5	52.1	-0.4	-0.7%
40.7%	52.4	52.1	-0.3	-0.6%
42.0%	52.3	52.0	-0.3	-0.5%
43.2%	52.2	51.9	-0.3	-0.6%
44.4%	52.2	51.9	-0.3	-0.6%
45.7%	52.2	51.8	-0.3	-0.7%
46.9%	52.1	51.8	-0.3	-0.5%
48.1%	52.0	51.8	-0.3	-0.5%
49.4%	51.9	51.8	-0.2	-0.3%
50.6%	51.9	51.7	-0.2	-0.4%
51.9%	51.9	51.7	-0.2	-0.5%
53.1%	51.7	51.6	0.0	0.0%
54.3%	51.5	51.6	0.2	0.3%
55.6%	51.4	51.5	0.1	0.2%
56.8%	51.4	51.5	0.1	0.3%
58.0%	51.4	51.5	0.2	0.3%
59.3%	51.4	51.5	0.2	0.3%
60.5%	51.2	51.4	0.2	0.4%
61.7%	51.2	51.4	0.2	0.3%
63.0%	51.1	51.3	0.2	0.4%
64.2%	51.1	51.3	0.2	0.3%
65.4%	51.1	51.2	0.1	0.2%
66.7%	51.1	51.1	0.0	0.1%
67.9%	51.1	51.1	0.1	0.1%
69.1%	51.1	51.1	0.0	0.1%
70.4%	51.0	51.1	0.1	0.3%
71.6%	50.9	51.1	0.2	0.4%
72.8%	50.9	51.1	0.2	0.3%
74.1%	50.8	51.0	0.2	0.3%
75.3%	50.8	50.9	0.2	0.3%
76.5%	50.8	50.9	0.1	0.3%
77.8%	50.7	50.8	0.1	0.2%
79.0%	50.7	50.8	0.1	0.3%
80.2%	50.7	50.8	0.1	0.2%
81.5%	50.7	50.8	0.2	0.3%
82.7%	50.6	50.8	0.1	0.3%
84.0%	50.5	50.7	0.3	0.5%
85.2%	50.4	50.7	0.3	0.5%
86.4%	50.4	50.6	0.2	0.4%
87.7%	50.4	50.6	0.2	0.4%
88.9%	50.3	50.5	0.2	0.3%
90.1%	50.2	50.5	0.2	0.5%
91.4%	50.1	50.4	0.3	0.6%
92.6%	50.1	50.4	0.3	0.7%
93.8%	50.0	50.3	0.3	0.7%
95.1%	49.7	50.2	0.6	1.2%
96.3%	49.5	50.1	0.6	1.1%
97.5%	49.5	49.9	0.4	0.8%
98.8%	49.5	49.6	0.1	0.1%
100.0%	49.2	49.4	0.2	0.4%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	63.4	59.6	-3.8	-6.0%
1.2%	60.8	59.2	-1.6	-2.7%
2.5%	59.3	58.7	-0.6	-1.0%
3.7%	58.9	58.6	-0.2	-0.4%
4.9%	57.7	56.5	-1.2	-2.1%
6.2%	57.6	56.3	-1.3	-2.3%
7.4%	57.4	55.5	-1.9	-3.3%
8.6%	56.7	55.0	-1.6	-2.9%
9.9%	56.6	54.8	-1.8	-3.1%
11.1%	56.4	54.7	-1.7	-3.0%
12.3%	56.3	54.6	-1.7	-3.0%
13.6%	55.5	54.6	-0.9	-1.5%
14.8%	54.5	54.0	-0.6	-1.0%
16.0%	54.2	53.9	-0.4	-0.7%
17.3%	54.2	53.2	-0.9	-1.7%
18.5%	54.1	53.0	-1.1	-1.9%
19.8%	53.8	52.9	-0.8	-1.6%
21.0%	53.2	52.9	-0.3	-0.5%
22.2%	53.2	52.9	-0.3	-0.5%
23.5%	53.1	52.5	-0.6	-1.1%
24.7%	53.1	52.5	-0.6	-1.2%
25.9%	53.1	52.4	-0.7	-1.3%
27.2%	53.0	52.4	-0.6	-1.1%
28.4%	52.8	52.3	-0.6	-1.0%
29.6%	52.3	52.1	-0.2	-0.4%
30.9%	52.2	52.1	-0.1	-0.2%
32.1%	52.1	52.0	-0.1	-0.1%
33.3%	52.1	51.9	-0.1	-0.3%
34.6%	52.0	51.8	-0.2	-0.5%
35.8%	51.9	51.7	-0.2	-0.3%
37.0%	51.8	51.6	-0.3	-0.5%
38.3%	51.8	51.5	-0.3	-0.5%
39.5%	51.7	51.4	-0.3	-0.6%
40.7%	51.7	51.3	-0.4	-0.8%
42.0%	51.5	51.3	-0.2	-0.5%
43.2%	51.5	51.2	-0.3	-0.5%
44.4%	51.4	51.1	-0.2	-0.5%
45.7%	51.1	51.1	0.0	0.0%
46.9%	51.1	51.1	0.0	0.0%
48.1%	51.0	51.0	0.1	0.1%
49.4%	51.0	51.0	0.1	0.1%
50.6%	50.9	51.0	0.1	0.2%
51.9%	50.8	50.9	0.1	0.1%
53.1%	50.8	50.9	0.1	0.2%
54.3%	50.8	50.9	0.1	0.2%
55.6%	50.7	50.8	0.1	0.2%
56.8%	50.7	50.8	0.1	0.1%
58.0%	50.7	50.7	0.1	0.1%
59.3%	50.7	50.7	0.0	0.0%
60.5%	50.7	50.7	0.0	0.0%
61.7%	50.7	50.6	0.0	-0.1%
63.0%	50.6	50.6	0.0	0.0%
64.2%	50.6	50.6	0.0	0.0%
65.4%	50.5	50.5	0.0	0.0%
66.7%	50.5	50.5	0.0	0.1%
67.9%	50.5	50.5	0.0	0.1%
69.1%	50.4	50.5	0.1	0.1%
70.4%	50.4	50.5	0.1	0.1%
71.6%	50.4	50.4	0.0	0.0%
72.8%	50.4	50.4	0.0	0.0%
74.1%	50.4	50.4	0.0	0.0%
75.3%	50.3	50.3	0.0	0.0%
76.5%	50.3	50.3	0.0	-0.1%
77.8%	50.2	50.3	0.1	0.3%
79.0%	50.1	50.2	0.0	0.0%
80.2%	50.1	50.2	0.0	0.1%
81.5%	50.1	50.1	0.0	0.0%
82.7%	50.0	50.1	0.1	0.1%
84.0%	50.0	50.0	0.0	0.1%
85.2%	50.0	50.0	0.0	0.0%
86.4%	49.9	49.9	0.0	0.0%
87.7%	49.9	49.9	0.0	-0.1%
88.9%	49.7	49.8	0.1	0.2%
90.1%	49.6	49.6	0.0	0.0%
91.4%	49.5	49.6	0.1	0.2%
92.6%	49.5	49.3	-0.2	-0.4%
93.8%	49.3	49.3	-0.1	-0.1%
95.1%	49.3	49.2	-0.1	-0.2%
96.3%	49.1	49.1	0.0	0.0%
97.5%	48.9	49.0	0.1	0.2%
98.8%	48.8	48.9	0.2	0.3%
100.0%	48.7	48.7	0.0	0.0%

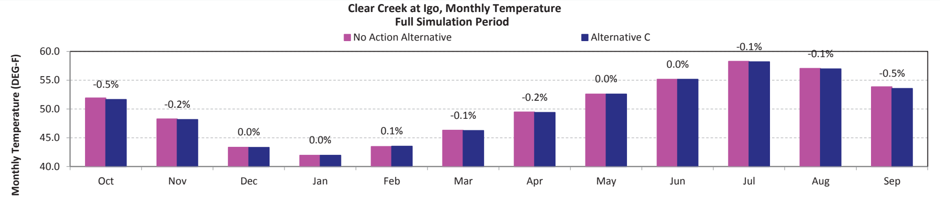
Table SQ-37-7a
Clear Creek at Igo, Monthly Temperature
Long-term Average and Average by Water Year Type

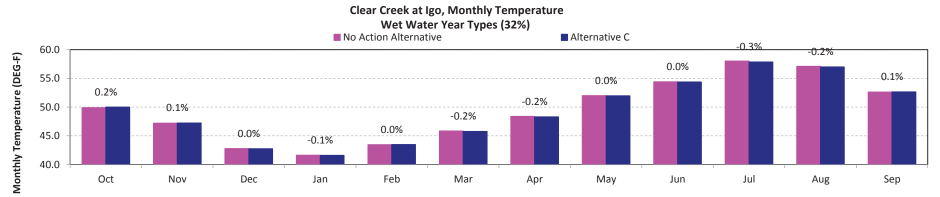
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	51.9	48.3	43.3	41.9	43.5	46.3	49.5	52.6	55.2	58.3	57.0	53.9
Alternative C	51.7	48.2	43.3	42.0	43.5	46.2	49.4	52.6	55.2	58.2	57.0	53.6
Difference	-0.3	-0.1	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	-0.1	-0.1	-0.3
Percent Difference[3]	-0.5%	-0.2%	0.0%	0.0%	0.1%	-0.1%	-0.2%	0.0%	0.0%	-0.1%	-0.1%	-0.5%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	49.9	47.2	42.8	41.6	43.5	45.9	48.4	52.0	54.4	58.0	57.1	52.6
Alternative C	50.0	47.2	42.8	41.6	43.5	45.8	48.3	52.0	54.4	57.9	57.0	52.7
Difference	0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	-0.2	-0.1	0.0
Percent Difference	0.2%	0.1%	0.0%	-0.1%	0.0%	-0.2%	-0.2%	0.0%	0.0%	-0.3%	-0.2%	0.1%
Above Normal (15%)												
No Action Alternative	51.3	47.9	43.5	42.3	43.6	46.2	49.0	53.2	56.3	60.1	57.4	53.3
Alternative C	50.9	47.8	43.5	42.2	43.6	46.2	49.0	53.2	56.1	59.9	57.3	52.9
Difference	-0.4	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.2	-0.2	-0.4
Percent Difference	-0.8%	-0.2%	0.0%	-0.1%	0.0%	-0.1%	0.1%	0.0%	-0.3%	-0.3%	-0.3%	-0.8%
Below Normal (17%)												
No Action Alternative	52.4	48.4	43.4	41.8	42.9	46.0	49.6	53.2	54.8	58.3	57.1	54.0
Alternative C	52.1	48.4	43.4	41.8	42.9	46.0	49.5	53.2	54.8	58.2	57.1	53.8
Difference	-0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.2
Percent Difference	-0.7%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.0%	-0.4%
Dry (22%)												
No Action Alternative	52.0	49.0	43.7	42.0	43.4	46.5	50.7	52.7	55.1	57.7	56.2	53.6
Alternative C	51.8	48.8	43.7	42.1	43.5	46.5	50.4	52.7	55.3	57.7	56.4	53.5
Difference	-0.2	-0.2	0.0	0.1	0.1	-0.1	-0.2	0.1	0.2	0.0	0.2	-0.1
Percent Difference	-0.5%	-0.4%	-0.1%	0.2%	0.3%	-0.1%	-0.5%	0.1%	0.3%	0.1%	0.3%	-0.2%
Critical (15%)												
No Action Alternative	56.2	49.7	43.9	42.3	44.2	47.3	50.4	52.5	56.2	57.8	57.6	57.2
Alternative C	55.4	49.4	43.9	42.4	44.3	47.3	50.4	52.3	56.1	57.8	57.4	55.9
Difference	-0.8	-0.4	-0.1	0.1	0.0	0.0	0.0	-0.1	-0.1	0.0	-0.2	-1.2
Percent Difference	-1.4%	-0.8%	-0.1%	0.2%	0.1%	-0.1%	0.0%	-0.2%	-0.1%	0.1%	-0.3%	-2.1%

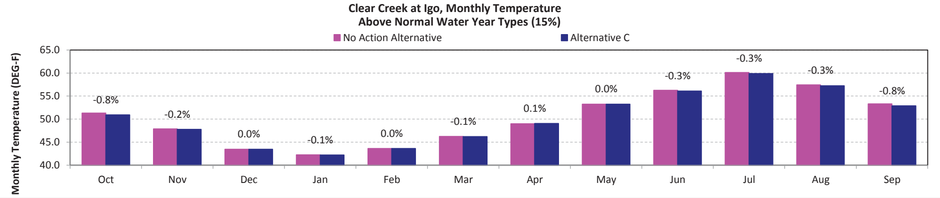
1 Based on the 82-year simulation period

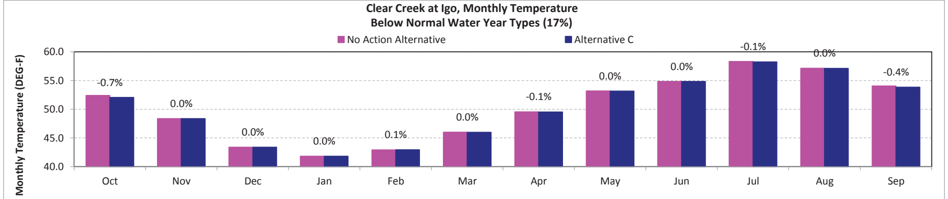
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

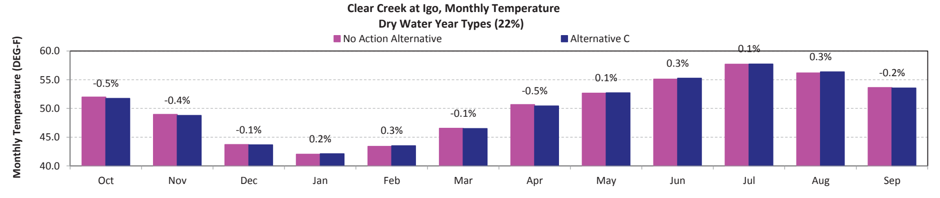
3 Relative difference of the monthly average


Clear Creek at Igo, Monthly Temperature
Full Simulation Period


Clear Creek at Igo, Monthly Temperature
Wet Water Year Types (32%)


Clear Creek at Igo, Monthly Temperature
Above Normal Water Year Types (15%)


Clear Creek at Igo, Monthly Temperature
Below Normal Water Year Types (17%)


Clear Creek at Igo, Monthly Temperature
Dry Water Year Types (22%)

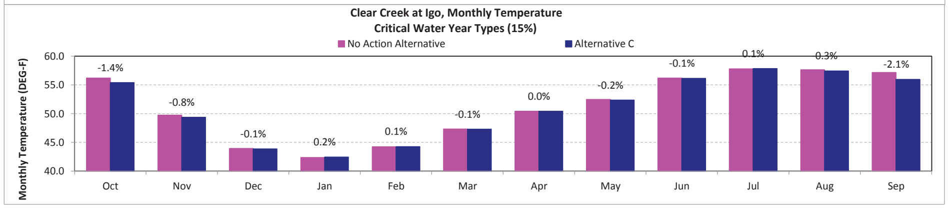

Clear Creek at Igo, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-37-7b
Clear Creek at Igo, Monthly Temperature
Probability of Exceedance

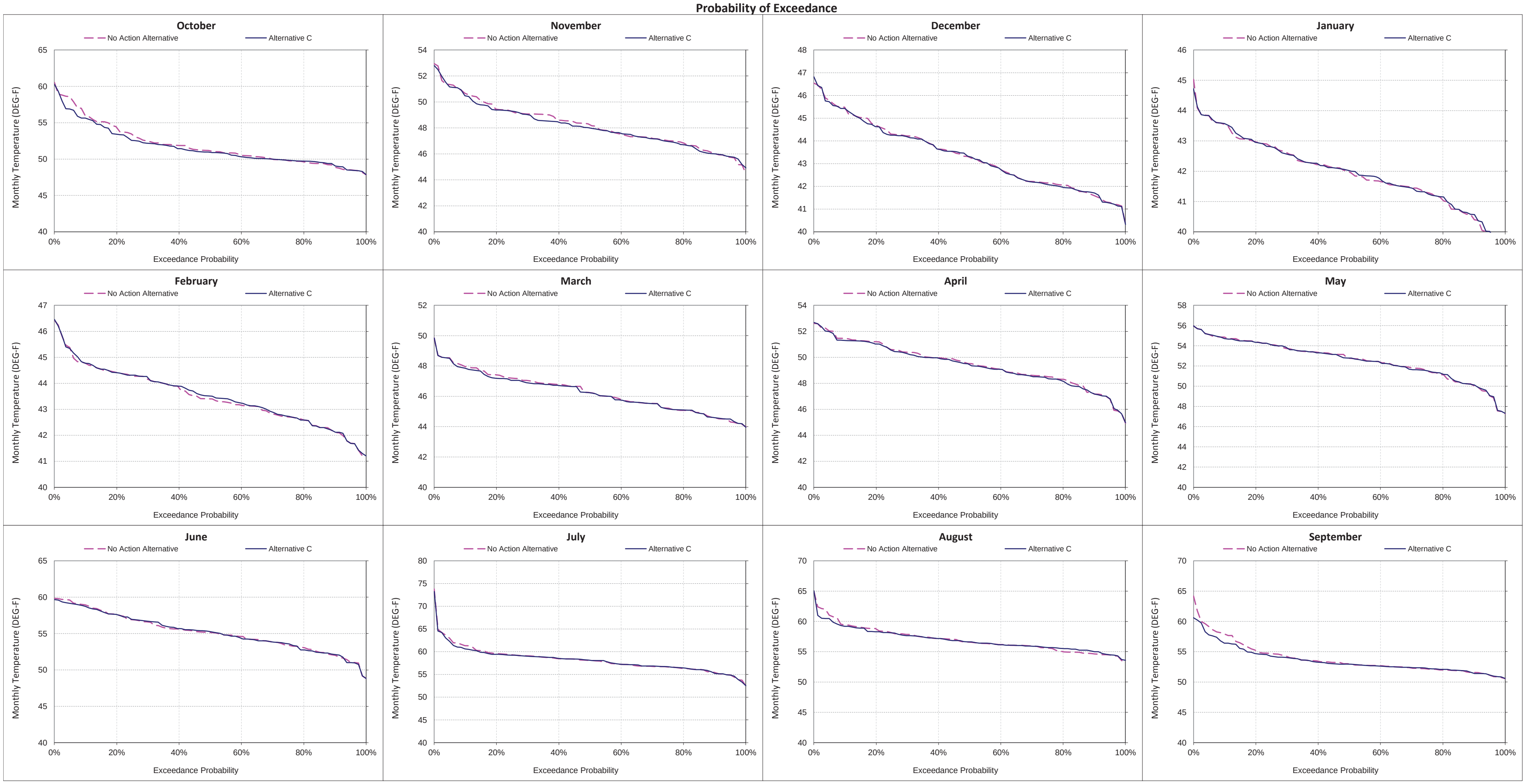


Table SQ-37-7b

Clear Creek at Igo, Monthly Temperature
Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	60.6	60.3	-0.3	-0.5%
1.2%	58.9	59.3	0.4	0.7%
2.5%	58.8	57.9	-0.9	-1.5%
3.7%	58.6	56.9	-1.7	-2.9%
4.9%	58.6	56.9	-1.7	-2.9%
6.2%	57.9	56.7	-1.1	-2.0%
7.4%	57.1	55.9	-1.2	-2.1%
8.6%	57.0	55.7	-1.3	-2.3%
9.9%	56.0	55.6	-0.3	-0.6%
11.1%	55.8	55.5	-0.4	-0.7%
12.3%	55.4	55.3	-0.1	-0.2%
13.6%	55.1	54.8	-0.4	-0.6%
14.8%	55.1	54.8	-0.4	-0.7%
16.0%	55.1	54.3	-0.8	-1.4%
17.3%	55.0	54.3	-0.7	-1.3%
18.5%	54.6	53.5	-1.1	-2.0%
19.8%	54.5	53.4	-1.0	-1.9%
21.0%	53.8	53.4	-0.4	-0.7%
22.2%	53.7	53.3	-0.4	-0.7%
23.5%	53.7	53.0	-0.7	-1.2%
24.7%	53.5	52.6	-0.9	-1.7%
25.9%	53.1	52.5	-0.5	-1.0%
27.2%	52.9	52.5	-0.4	-0.8%
28.4%	52.6	52.2	-0.4	-0.7%
29.6%	52.5	52.2	-0.3	-0.6%
30.9%	52.4	52.1	-0.2	-0.5%
32.1%	52.2	52.1	-0.1	-0.2%
33.3%	52.2	52.0	-0.2	-0.4%
34.6%	52.0	52.0	0.0	-0.1%
35.8%	52.0	51.9	-0.1	-0.2%
37.0%	52.0	51.8	-0.2	-0.4%
38.3%	51.9	51.8	-0.2	-0.3%
39.5%	51.9	51.4	-0.4	-0.8%
40.7%	51.9	51.4	-0.4	-0.8%
42.0%	51.9	51.3	-0.6	-1.1%
43.2%	51.5	51.2	-0.3	-0.7%
44.4%	51.3	51.1	-0.2	-0.4%
45.7%	51.3	51.1	-0.2	-0.4%
46.9%	51.2	51.0	-0.2	-0.4%
48.1%	51.2	51.0	-0.2	-0.4%
49.4%	51.2	51.0	-0.2	-0.4%
50.6%	51.1	50.9	-0.2	-0.3%
51.9%	51.0	50.9	-0.1	-0.2%
53.1%	51.0	50.9	-0.2	-0.3%
54.3%	50.9	50.8	0.0	-0.1%
55.6%	50.8	50.8	-0.1	-0.2%
56.8%	50.8	50.6	-0.3	-0.6%
58.0%	50.8	50.5	-0.3	-0.6%
59.3%	50.6	50.4	-0.3	-0.6%
60.5%	50.5	50.3	-0.2	-0.4%
61.7%	50.5	50.2	-0.2	-0.5%
63.0%	50.4	50.2	-0.3	-0.5%
64.2%	50.4	50.1	-0.3	-0.5%
65.4%	50.3	50.1	-0.2	-0.4%
66.7%	50.3	50.1	-0.2	-0.3%
67.9%	50.2	50.0	-0.2	-0.3%
69.1%	50.1	50.0	-0.1	-0.1%
70.4%	49.9	50.0	0.1	0.2%
71.6%	49.9	50.0	0.0	0.1%
72.8%	49.9	49.9	0.0	0.0%
74.1%	49.9	49.9	0.0	0.0%
75.3%	49.8	49.8	0.1	0.1%
76.5%	49.7	49.8	0.0	0.1%
77.8%	49.7	49.7	0.0	0.1%
79.0%	49.7	49.7	0.0	0.1%
80.2%	49.6	49.7	0.1	0.2%
81.5%	49.5	49.7	0.2	0.4%
82.7%	49.4	49.7	0.3	0.5%
84.0%	49.4	49.6	0.2	0.4%
85.2%	49.4	49.5	0.1	0.3%
86.4%	49.4	49.5	0.1	0.2%
87.7%	49.2	49.4	0.2	0.3%
88.9%	49.2	49.4	0.2	0.4%
90.1%	48.9	49.0	0.2	0.4%
91.4%	48.8	49.0	0.2	0.4%
92.6%	48.6	48.9	0.4	0.8%
93.8%	48.5	48.5	0.0	0.0%
95.1%	48.5	48.5	-0.1	-0.1%
96.3%	48.4	48.4	0.0	0.0%
97.5%	48.4	48.4	0.0	0.0%
98.8%	48.2	48.3	0.1	0.2%
100.0%	47.8	47.9	0.0	0.0%

November

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	53.0	52.8	-0.1	-0.3%
1.2%	52.8	52.5	-0.3	-0.5%
2.5%	51.6	52.0	0.3	0.6%
3.7%	51.4	51.5	0.1	0.3%
4.9%	51.3	51.2	-0.2	-0.3%
6.2%	51.3	51.1	-0.2	-0.3%
7.4%	51.0	51.1	0.1	0.1%
8.6%	50.9	50.9	0.0	0.0%
9.9%	50.7	50.5	-0.2	-0.4%
11.1%	50.5	50.4	-0.1	-0.3%
12.3%	50.5	50.1	-0.4	-0.8%
13.6%	50.4	49.9	-0.5	-1.1%
14.8%	50.1	49.8	-0.4	-0.7%
16.0%	50.0	49.8	-0.2	-0.5%
17.3%	49.9	49.7	-0.2	-0.3%
18.5%	49.8	49.4	-0.4	-0.8%
19.8%	49.4	49.4	-0.1	-0.1%
21.0%	49.4	49.4	0.0	0.0%
22.2%	49.4	49.4	0.0	-0.1%
23.5%	49.4	49.3	0.0	-0.1%
24.7%	49.3	49.3	0.0	0.0%
25.9%	49.2	49.3	0.1	0.2%
27.2%	49.1	49.2	0.0	0.1%
28.4%	49.1	49.1	-0.1	-0.1%
29.6%	49.1	49.0	0.0	-0.1%
30.9%	49.1	49.0	-0.1	-0.2%
32.1%	49.1	48.7	-0.4	-0.7%
33.3%	49.1	48.6	-0.5	-1.0%
34.6%	49.0	48.6	-0.5	-1.0%
35.8%	49.0	48.5	-0.5	-1.0%
37.0%	49.0	48.5	-0.5	-1.0%
38.3%	48.9	48.5	-0.4	-0.8%
39.5%	48.6	48.5	-0.1	-0.2%
40.7%	48.6	48.4	-0.2	-0.4%
42.0%	48.5	48.4	-0.2	-0.3%
43.2%	48.5	48.3	-0.2	-0.4%
44.4%	48.5	48.1	-0.4	-0.7%
45.7%	48.4	48.1	-0.2	-0.5%
46.9%	48.4	48.1	-0.3	-0.5%
48.1%	48.4	48.0	-0.3	-0.7%
49.4%	48.3	48.0	-0.3	-0.6%
50.6%	48.2	48.0	-0.2	-0.4%
51.9%	48.1	47.9	-0.2	-0.4%
53.1%	47.9	47.9	0.0	0.0%
54.3%	47.8	47.8	0.0	-0.1%
55.6%	47.8	47.8	0.0	0.0%
56.8%	47.8	47.7	-0.1	-0.2%
58.0%	47.6	47.6	0.0	0.0%
59.3%	47.6	47.6	0.1	0.2%
60.5%	47.5	47.5	0.0	0.1%
61.7%	47.4	47.5	0.1	0.3%
63.0%	47.3	47.5	0.2	0.4%
64.2%	47.3	47.4	0.1	0.1%
65.4%	47.3	47.3	0.0	0.0%
66.7%	47.3	47.3	0.0	-0.1%
67.9%	47.3	47.3	0.0	-0.1%
69.1%	47.3	47.2	-0.1	-0.2%
70.4%	47.2	47.2	0.0	0.0%
71.6%	47.2	47.1	0.0	-0.1%
72.8%	47.1	47.1	0.0	-0.1%
74.1%	47.1	47.0	-0.1	-0.2%
75.3%	47.0	47.0	0.0	-0.1%
76.5%	47.0	46.9	-0.1	-0.2%
77.8%	47.0	46.8	-0.1	-0.2%
79.0%	46.9	46.7	-0.2	-0.4%
80.2%	46.8	46.7	-0.1	-0.2%
81.5%	46.6	46.6	0.0	0.0%
82.7%	46.6	46.6	0.0	-0.1%
84.0%	46.6	46.4	-0.2	-0.5%
85.2%	46.4	46.2	-0.2	-0.4%
86.4%	46.3	46.1	-0.2	-0.3%
87.7%	46.2	46.1	-0.2	-0.4%
88.9%	46.1	46.0	-0.1	-0.2%
90.1%	46.0	46.0	0.0	-0.1%
91.4%	45.9	46.0	0.0	0.1%
92.6%	45.9	45.9	0.0	0.0%
93.8%	45.8	45.8	0.1	0.1%
95.1%	45.7	45.8	0.0	0.1%
96.3%	45.7	45.7	0.0	0.1%
97.5%	45.2	45.6	0.4	0.9%
98.8%	45.2	45.2	0.0	0.1%
100.0%	44.5	44.9	0.4	0.9%

December

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	46.5	46.8	0.3	0.6%
1.2%	46.5	46.4	0.0	0.0%
2.5%	46.3	46.4	0.1	0.2%
3.7%	45.9	45.8	-0.1	-0.3%
4.9%	45.8	45.7	-0.1	-0.1%
6.2%	45.6	45.6	-0.1	-0.2%
7.4%	45.5	45.5	0.0	0.0%
8.6%	45.5	45.4	-0.1	-0.1%
9.9%	45.5	45.4	-0.1	-0.1%
11.1%	45.2	45.3	0.1	0.3%
12.3%	45.2	45.2	0.0	0.1%
13.6%	45.1	45.1	0.0	0.0%
14.8%	45.0	45.0	0.0	-0.1%
16.0%	45.0	44.9	-0.2	-0.4%
17.3%	45.0	44.8	-0.2	-0.5%
18.5%	44.8	44.7	0.0	-0.1%
19.8%	44.7	44.6	-0.1	-0.2%
21.0%	44.6	44.6	0.0	0.0%
22.2%	44.6	44.4	-0.2	-0.4%
23.5%	44.5	44.3	-0.2	-0.4%
24.7%	44.3	44.3	0.0	-0.1%
25.9%	44.3	44.3	0.0	-0.1%
27.2%	44.3	44.2	0.0	-0.1%
28.4%	44.3	44.2	0.0	-0.1%
29.6%	44.2	44.2	0.0	-0.1%
30.9%	44.2	44.1	-0.1	-0.2%
32.1%	44.2	44.1	-0.1	-0.2%
33.3%	44.1	44.1	-0.1	-0.2%
34.6%	44.1	44.1	0.0	0.0%
35.8%	44.0	44.0	0.0	0.0%
37.0%	43.9	43.9	0.0	-0.1%
38.3%	43.8	43.8	0.0	0.0%
39.5%	43.6	43.7	0.0	0.0%
40.7%	43.6	43.6	0.0	0.0%
42.0%	43.6	43.6	-0.1	-0.1%
43.2%	43.6	43.5	0.0	0.0%
44.4%	43.5	43.5	0.0	0.0%
45.7%	43.5	43.5	0.1	0.1%
46.9%	43.4	43.5	0.0	0.1%
48.1%	43.3	43.5	0.1	0.3%
49.4%	43.3	43.3	0.0	0.0%
50.6%	43.2	43.3	0.0	0.1%
51.9%	43.2	43.2	0.0	-0.1%
53.1%	43.1	43.2	0.1	0.1%
54.3%	43.0	43.1	0.0	0.0%
55.6%	43.0	43.0	0.0	0.1%
56.8%	43.0	42.9	0.0	-0.1%
58.0%	42.9	42.9	0.0	-0.1%
59.3%	42.8	42.8	0.0	0.0%
60.5%	42.7	42.7	0.0	0.0%
61.7%	42.6	42.6	0.0	-0.1%
63.0%	42.6	42.5	0.0	-0.1%
64.2%	42.5	42.5	0.0	0.0%
65.4%	42.4	42.4	0.0	0.0%
66.7%	42.3	42.3	0.0	0.0%
67.9%	42.2	42.2	0.0	0.0%
69.1%	42.2	42.2	0.0	0.0%
70.4%	42.2	42.2	0.0	-0.1%
71.6%	42.2	42.2	0.0	-0.1%
72.8%	42.2	42.1	0.0	-0.1%
74.1%	42.2	42.1	-0.1	-0.1%
75.3%	42.1	42.1	-0.1	-0.2%
76.5%	42.1	42.1	-0.1	-0.2%
77.8%	42.1	42.0	-0.1	-0.2%
79.0%	42.1	42.0	-0.1	-0.2%
80.2%	42.1	41.9	-0.1	-0.3%
81.5%	42.0	41.9	-0.1	-0.2%
82.7%	41.9	41.9	0.0	0.0%
84.0%	41.9	41.8	-0.1	-0.1%
85.2%	41.8	41.8	0.0	0.1%
86.4%	41.8	41.8	0.0	0.0%
87.7%	41.7	41.8	0.0	0.1%
88.9%	41.7	41.7	0.1	0.2%
90.1%	41.6	41.7	0.1	0.3%
91.4%	41.5	41.6	0.1	0.3%
92.6%	41.4	41.3	-0.1	-0.2%
93.8%	41.3	41.3	0.0	0.0%
95.1%	41.3	41.3	0.0	-0.1%
96.3%	41.2	41.2	0.0	0.0%
97.5%	41.2	41.1	-0.1	-0.2%
98.8%	41.1	41.1	0.0	0.0%
100.0%	40.3	40.3	0.0	0.0%

January

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	45.0	44.7	-0.3	-0.7%
1.2%	44.1	44.1	0.0	0.1%
2.5%	43.9	43.9	0.0	0.0%
3.7%	43.9	43.8	0.0	0.0%
4.9%	43.8	43.8	0.0	0.0%
6.2%	43.6	43.7	0.1	0.2%
7.4%	43.6	43.6	0.0	0.0%
8.6%	43.6	43.6	0.0	0.0%
9.9%	43.5	43.6	0.0	0.1%
11.1%	43.5	43.5	0.0	0.1%
12.3%	43.3	43.4	0.2	0.4%
13.6%	43.1	43.3	0.1	0.3%
14.8%	43.1	43.2	0.1	0.3%
16.0%	43.1	43.1	0.0	0.1%
17.3%	43.0	43.1	0.0	0.1%
18.5%	43.0	43.1	0.0	0.1%
19.8%	43.0	43.0	0.0	0.0%
21.0%	42.9	42.9	0.0	0.0%
22.2%	42.9	42.9	0.0	0.0%
23.5%	42.9	42.8	-0.1	-0.2%
24.7%	42.8	42.8	0.0	0.0%
25.9%	42.8	42.8	0.0	-0.1%
27.2%	42.7	42.7	0.0	0.0%
28.4%	42.7	42.6	-0.1	-0.1%
29.6%	42.6	42.6	-0.1	-0.1%
30.9%	42.6	42.5	0.0	-0.1%
32.1%	42.5	42.5	0.0	0.0%
33.3%	42.4	42.4	0.1	0.1%
34.6%	42.3	42.4	0.0	0.1%
35.8%	42.3	42.3	0.0	0.0%
37.0%	42.3	42.3	0.0	0.0%
38.3%	42.3	42.3	0.0	0.0%
39.5%	42.2	42.3	0.0	0.1%
40.7%	42.2	42.2	0.0	-0.1%
42.0%	42.2	42.2	0.0	-0.1%
43.2%	42.2	42.1	0.0	-0.1%
44.4%	42.1	42.1	0.0	0.0%
45.7%	42.1	42.1	0.0	0.0%
46.9%	42.1	42.1	0.0	-0.1%
48.1%	42.0	42.1	0.0	0.1%
49.4%	42.0	42.0	0.0	0.1%
50.6%	41.9	42.0	0.1	0.1%
51.9%	41.8	42.0	0.1	0.4%
53.1%	41.8	41.9	0.0	0.1%
54.3%	41.8	41.9	0.0	0.1%
55.6%	41.7	41.8	0.1	0.3%
56.8%	41.7	41.8	0.1	0.3%
58.0%	41.7	41.8	0.1	0.3%
59.3%	41.7	41.8	0.1	0.3%
60.5%	41.6	41.7	0.0	0.1%
61.7%	41.6	41.6	0.0	0.0%
63.0%	41.6	41.6	0.0	0.1%
64.2%	41.5	41.6	0.0	0.0%
65.4%	41.5	41.5	0.0	-0.1%
66.7%	41.5	41.5	0.0	0.0%
67.9%	41.5	41.5	0.0	-0.1%
69.1%	41.5	41.5	0.0	0.0%
70.4%	41.4	41.4	0.0	0.0%
71.6%	41.4	41.3	-0.1	-0.3%
72.8%	41.4	41.3	-0.1	-0.2%
74.1%	41.3	41.3	0.0	0.0%
75.3%	41.3	41.2	0.0	-0.1%
76.5%	41.2	41.2	0.0	-0.1%
77.8%	41.2	41.2	0.0	0.1%
79.0%	41.2	41.2	0.0	0.0%
80.2%	41.0	41.1	0.1	0.3%
81.5%	41.0	41.0	0.0	0.0%
82.7%	40.7	40.9	0.2	0.4%
84.0%	40.7	40.7	0.0	0.0%
85.2%	40.7	40.7	0.0	0.1%
86.4%	40.6	40.7	0.0	0.0%
87.7%	40.6	40.6	0.1	0.2%
88.9%	40.6	40.6	0.0	0.0%
90.1%	40.4	40.6	0.2	0.4%
91.4%	40.4	40.4	0.0	0.0%
92.6%	40.0	40.3	0.3	0.7%
93.8%	40.0	40.0	0.0	0.0%
95.1%	39.9	40.0	0.1	0.2%
96.3%	39.9	39.8	-0.1	-0.2%
97.5%	39.7	39.7	0.0	0.1%
98.8%	39.4	39.3	-0.1	-0.2%
100.0%	38.6	38.6	0.0	0.0%

Table SQ-37-7b

Clear Creek at Igo, Monthly Temperature
Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	46.4	46.5	0.0	0.1%
1.2%	46.2	46.2	0.0	-0.1%
2.5%	45.8	45.8	0.0	0.0%
3.7%	45.5	45.4	-0.1	-0.1%
4.9%	45.4	45.3	0.0	-0.1%
6.2%	45.0	45.2	0.2	0.4%
7.4%	44.8	45.0	0.2	0.4%
8.6%	44.8	44.8	0.0	0.0%
9.9%	44.8	44.8	0.0	0.0%
11.1%	44.7	44.8	0.1	0.2%
12.3%	44.7	44.7	0.0	0.1%
13.6%	44.6	44.6	0.0	0.0%
14.8%	44.6	44.5	0.0	0.0%
16.0%	44.5	44.5	0.0	0.1%
17.3%	44.5	44.5	0.0	0.0%
18.5%	44.5	44.4	0.0	-0.1%
19.8%	44.4	44.4	0.0	0.0%
21.0%	44.4	44.4	0.0	0.0%
22.2%	44.4	44.4	0.0	0.0%
23.5%	44.3	44.3	0.0	-0.1%
24.7%	44.3	44.3	0.0	0.1%
25.9%	44.3	44.3	0.0	0.1%
27.2%	44.3	44.3	0.0	0.0%
28.4%	44.3	44.3	0.0	0.0%
29.6%	44.2	44.3	0.1	0.2%
30.9%	44.1	44.1	0.0	0.0%
32.1%	44.1	44.1	0.0	0.0%
33.3%	44.0	44.1	0.0	0.0%
34.6%	44.0	44.0	0.0	0.0%
35.8%	44.0	44.0	0.0	0.0%
37.0%	43.9	43.9	0.0	0.0%
38.3%	43.9	43.9	0.0	0.0%
39.5%	43.9	43.9	0.0	0.0%
40.7%	43.7	43.9	0.2	0.4%
42.0%	43.7	43.8	0.1	0.3%
43.2%	43.6	43.7	0.2	0.4%
44.4%	43.5	43.7	0.2	0.4%
45.7%	43.5	43.6	0.1	0.2%
46.9%	43.4	43.6	0.1	0.3%
48.1%	43.4	43.5	0.1	0.3%
49.4%	43.4	43.5	0.1	0.3%
50.6%	43.4	43.5	0.1	0.2%
51.9%	43.3	43.4	0.1	0.3%
53.1%	43.3	43.4	0.1	0.3%
54.3%	43.3	43.4	0.1	0.3%
55.6%	43.3	43.4	0.1	0.3%
56.8%	43.2	43.4	0.1	0.3%
58.0%	43.2	43.3	0.1	0.3%
59.3%	43.2	43.3	0.1	0.2%
60.5%	43.1	43.2	0.1	0.2%
61.7%	43.1	43.2	0.0	0.1%
63.0%	43.1	43.1	0.0	0.0%
64.2%	43.1	43.1	0.0	0.0%
65.4%	43.1	43.1	0.0	0.0%
66.7%	43.0	43.1	0.1	0.2%
67.9%	42.9	43.0	0.1	0.1%
69.1%	42.9	42.9	0.1	0.2%
70.4%	42.8	42.9	0.1	0.1%
71.6%	42.8	42.8	0.0	0.1%
72.8%	42.7	42.8	0.0	0.1%
74.1%	42.7	42.7	0.0	0.1%
75.3%	42.7	42.7	0.0	0.1%
76.5%	42.7	42.7	0.0	0.0%
77.8%	42.7	42.7	0.0	0.0%
79.0%	42.6	42.6	0.0	-0.1%
80.2%	42.6	42.6	0.0	0.0%
81.5%	42.6	42.6	0.0	0.0%
82.7%	42.4	42.4	0.0	0.0%
84.0%	42.4	42.4	0.0	0.0%
85.2%	42.3	42.3	0.0	0.0%
86.4%	42.3	42.3	0.0	0.0%
87.7%	42.3	42.3	0.0	-0.1%
88.9%	42.2	42.2	0.0	0.0%
90.1%	42.1	42.1	0.0	0.0%
91.4%	42.1	42.1	0.0	0.0%
92.6%	42.0	42.1	0.1	0.2%
93.8%	41.8	41.8	0.0	0.0%
95.1%	41.7	41.7	0.0	0.0%
96.3%	41.7	41.7	0.0	0.0%
97.5%	41.4	41.4	0.0	0.0%
98.8%	41.2	41.3	0.1	0.2%
100.0%	41.2	41.2	0.0	0.1%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	49.8	49.8	0.0	0.0%
1.2%	48.7	48.7	0.0	0.0%
2.5%	48.6	48.6	0.0	0.0%
3.7%	48.5	48.5	0.0	0.0%
4.9%	48.5	48.5	0.0	-0.1%
6.2%	48.2	48.1	-0.1	-0.1%
7.4%	48.2	48.0	-0.2	-0.4%
8.6%	48.1	47.9	-0.2	-0.4%
9.9%	48.0	47.9	-0.1	-0.2%
11.1%	47.9	47.8	-0.1	-0.3%
12.3%	47.9	47.7	-0.1	-0.3%
13.6%	47.9	47.7	-0.2	-0.4%
14.8%	47.7	47.7	0.0	0.0%
16.0%	47.7	47.4	-0.2	-0.5%
17.3%	47.4	47.3	-0.1	-0.3%
18.5%	47.4	47.2	-0.2	-0.4%
19.8%	47.4	47.2	-0.2	-0.5%
21.0%	47.4	47.2	-0.2	-0.5%
22.2%	47.3	47.2	-0.1	-0.3%
23.5%	47.2	47.2	-0.1	-0.2%
24.7%	47.2	47.1	-0.1	-0.3%
25.9%	47.2	47.1	-0.1	-0.3%
27.2%	47.2	47.0	-0.1	-0.3%
28.4%	47.1	47.0	-0.1	-0.2%
29.6%	47.1	46.9	-0.2	-0.3%
30.9%	47.0	46.9	-0.1	-0.3%
32.1%	47.0	46.8	-0.1	-0.3%
33.3%	46.9	46.8	-0.1	-0.1%
34.6%	46.9	46.8	-0.1	-0.1%
35.8%	46.8	46.8	-0.1	-0.1%
37.0%	46.8	46.8	0.0	-0.1%
38.3%	46.8	46.7	-0.1	-0.1%
39.5%	46.8	46.7	-0.1	-0.1%
40.7%	46.8	46.7	-0.1	-0.2%
42.0%	46.7	46.7	-0.1	-0.1%
43.2%	46.7	46.7	0.0	0.0%
44.4%	46.7	46.7	0.0	0.0%
45.7%	46.7	46.6	0.0	0.0%
46.9%	46.7	46.3	-0.4	-0.8%
48.1%	46.3	46.3	0.0	0.0%
49.4%	46.3	46.2	0.0	0.0%
50.6%	46.2	46.2	0.0	0.0%
51.9%	46.2	46.2	0.0	0.0%
53.1%	46.0	46.0	0.0	0.0%
54.3%	46.0	46.0	0.0	0.0%
55.6%	46.0	46.0	0.0	0.0%
56.8%	46.0	46.0	0.0	0.0%
58.0%	45.9	45.8	-0.2	-0.3%
59.3%	45.9	45.8	-0.1	-0.2%
60.5%	45.7	45.7	0.0	0.0%
61.7%	45.7	45.7	0.0	-0.1%
63.0%	45.6	45.6	0.0	0.0%
64.2%	45.6	45.6	0.0	0.0%
65.4%	45.6	45.6	0.0	0.0%
66.7%	45.6	45.6	0.0	0.0%
67.9%	45.5	45.5	0.0	0.0%
69.1%	45.5	45.5	0.0	0.0%
70.4%	45.5	45.5	0.0	0.0%
71.6%	45.5	45.5	0.0	0.0%
72.8%	45.3	45.3	0.0	0.0%
74.1%	45.2	45.2	0.0	-0.1%
75.3%	45.2	45.2	0.0	-0.1%
76.5%	45.1	45.1	0.0	0.0%
77.8%	45.1	45.1	0.0	0.0%
79.0%	45.1	45.1	0.0	0.1%
80.2%	45.1	45.1	0.0	0.1%
81.5%	45.1	45.1	0.0	0.0%
82.7%	45.1	45.1	0.0	0.1%
84.0%	44.9	44.9	0.0	0.0%
85.2%	44.9	44.9	0.0	-0.1%
86.4%	44.9	44.9	0.0	0.0%
87.7%	44.7	44.6	-0.1	-0.1%
88.9%	44.6	44.6	0.0	0.0%
90.1%	44.6	44.6	0.0	0.0%
91.4%	44.5	44.6	0.0	0.1%
92.6%	44.5	44.5	0.0	0.0%
93.8%	44.5	44.5	0.0	0.0%
95.1%	44.3	44.5	0.2	0.5%
96.3%	44.3	44.3	0.1	0.1%
97.5%	44.2	44.2	0.0	0.0%
98.8%	44.2	44.2	0.0	0.1%
100.0%	44.0	44.0	0.0	-0.1%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	52.6	52.7	0.1	0.1%
1.2%	52.6	52.6	0.0	0.0%
2.5%	52.3	52.3	0.1	0.2%
3.7%	52.2	52.0	-0.2	-0.4%
4.9%	52.0	52.0	-0.1	-0.1%
6.2%	52.0	51.8	-0.2	-0.3%
7.4%	51.5	51.3	-0.1	-0.3%
8.6%	51.5	51.3	-0.1	-0.3%
9.9%	51.5	51.3	-0.2	-0.3%
11.1%	51.4	51.3	-0.1	-0.3%
12.3%	51.3	51.3	-0.1	-0.1%
13.6%	51.3	51.3	-0.1	-0.1%
14.8%	51.3	51.2	0.0	-0.1%
16.0%	51.3	51.2	0.0	-0.1%
17.3%	51.2	51.2	0.0	-0.1%
18.5%	51.2	51.1	-0.1	-0.1%
19.8%	51.2	51.0	-0.2	-0.3%
21.0%	51.2	51.0	-0.2	-0.3%
22.2%	51.0	50.9	-0.1	-0.3%
23.5%	50.8	50.8	0.0	0.0%
24.7%	50.6	50.6	0.0	-0.1%
25.9%	50.6	50.4	-0.1	-0.3%
27.2%	50.6	50.4	-0.1	-0.3%
28.4%	50.4	50.4	0.0	-0.1%
29.6%	50.4	50.3	-0.1	-0.2%
30.9%	50.4	50.2	-0.2	-0.4%
32.1%	50.4	50.2	-0.2	-0.4%
33.3%	50.3	50.1	-0.3	-0.5%
34.6%	50.2	50.0	-0.1	-0.3%
35.8%	50.0	50.0	0.0	-0.1%
37.0%	50.0	50.0	0.0	0.0%
38.3%	50.0	50.0	0.0	0.0%
39.5%	50.0	50.0	0.0	0.0%
40.7%	50.0	49.9	-0.1	-0.1%
42.0%	49.9	49.9	0.0	-0.1%
43.2%	49.9	49.8	-0.1	-0.1%
44.4%	49.9	49.7	-0.2	-0.4%
45.7%	49.8	49.7	-0.1	-0.2%
46.9%	49.7	49.6	-0.1	-0.2%
48.1%	49.6	49.5	-0.1	-0.2%
49.4%	49.5	49.5	0.0	0.0%
50.6%	49.5	49.3	-0.2	-0.3%
51.9%	49.4	49.3	-0.1	-0.2%
53.1%	49.3	49.3	-0.1	-0.1%
54.3%	49.3	49.3	-0.1	-0.1%
55.6%	49.3	49.2	-0.1	-0.2%
56.8%	49.2	49.1	-0.1	-0.2%
58.0%	49.1	49.1	0.0	-0.1%
59.3%	49.1	49.1	0.0	0.0%
60.5%	49.1	49.1	0.0	0.0%
61.7%	48.9	48.9	0.0	-0.1%
63.0%	48.8	48.8	0.0	-0.1%
64.2%	48.8	48.8	-0.1	-0.1%
65.4%	48.8	48.7	-0.1	-0.2%
66.7%	48.7	48.7	0.0	0.0%
67.9%	48.7	48.6	0.0	-0.1%
69.1%	48.6	48.6	0.0	-0.1%
70.4%	48.6	48.5	-0.1	-0.2%
71.6%	48.6	48.5	-0.1	-0.2%
72.8%	48.6	48.5	-0.1	-0.2%
74.1%	48.5	48.5	-0.1	-0.1%
75.3%	48.5	48.3	-0.2	-0.3%
76.5%	48.5	48.3	-0.2	-0.3%
77.8%	48.4	48.3	0.0	-0.1%
79.0%	48.3	48.3	-0.1	-0.1%
80.2%	48.3	48.1	-0.2	-0.3%
81.5%	48.2	47.9	-0.3	-0.6%
82.7%	48.0	47.8	-0.2	-0.5%
84.0%	47.9	47.8	-0.2	-0.4%
85.2%	47.8	47.8	-0.1	-0.2%
86.4%	47.8	47.6	-0.2	-0.5%
87.7%	47.3	47.5	0.2	0.4%
88.9%	47.3	47.3	0.0	0.0%
90.1%	47.2	47.2	0.0	0.0%
91.4%	47.2	47.1	0.0	-0.1%
92.6%	47.1	47.0	-0.1	-0.2%
93.8%	47.0	47.0	0.0	0.0%
95.1%	46.8	46.8	0.0	0.0%
96.3%	45.9	46.0	0.1	0.3%
97.5%	45.9	45.9	0.0	0.1%
98.8%	45.7	45.7	0.0	0.0%
100.0%	44.9	45.0	0.0	0.1%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.0	56.0	0.0	0.0%
1.2%	55.7	55.7	0.0	0.0%
2.5%	55.6	55.6	0.0	0.0%
3.7%	55.2	55.2	0.0	0.0%
4.9%	55.1	55.1	0.0	0.0%
6.2%	54.9	55.1	0.1	0.2%
7.4%	54.9	54.9	0.0	0.0%
8.6%	54.9	54.9	0.0	0.0%
9.9%	54.9	54.7	-0.1	-0.3%
11.1%	54.7	54.7	0.0	-0.1%
12.3%	54.7	54.7	0.0	-0.1%
13.6%	54.7	54.6	-0.2	-0.3%
14.8%	54.5	54.5	0.0	-0.1%
16.0%	54.5	54.5	0.0	0.0%
17.3%	54.5	54.5	0.0	0.0%
18.5%	54.5	54.5	0.0	0.0%
19.8%	54.4	54.3	-0.1	-0.1%
21.0%	54.3	54.3	0.0	0.0%
22.2%	54.3	54.3	0.0	0.0%
23.5%	54.2	54.3	0.0	0.0%
24.7%	54.1	54.1	0.0	0.1%
25.9%	54.1	54.0	-0.1	-0.1%
27.2%	54.0	54.0	0.0	0.0%
28.4%	53.9	54.0	0.1	0.3%
29.6%	53.7	53.9	0.1	0.2%
30.9%	53.7	53.6	-0.1	-0.2%
32.1%	53.6	53.6	0.0	0.0%
33.3%	53.5	53.5	0.0	0.0%
34.6%	53.5	53.5	0.0	0.0%
35.8%	53.4	53.5	0.0	0.1%
37.0%	53.4	53.4	0.0	0.0%
38.3%	53.4	53.4	0.0	0.0%
39.5%	53.4	53.3	-0.1	-0.1%
40.7%	53.3	53.3	0.0	-0.1%
42.0%	53.3	53.3	0.0	-0.1%
43.2%	53.3	53.2	-0.1	-0.2%
44.4%	53.2	53.2	0.0	0.0%
45.7%	53.2	53.2	0.0	0.0%
46.9%	53.1	53.0	-0.2	-0.3%
48.1%	53.1	52.8	-0.3	-0.6%
49.4%	52.8	52.8	0.0	0.0%
50.6%	52.8	52.8	0.0	0.0%
51.9%	52.7	52.7	0.0	-0.1%
53.1%	52.7	52.6	-0.1	-0.1%
54.3%	52.7	52.6	-0.1	-0.2%
55.6%	52.5	52.5	0.0	-0.1%
56.8%	52.5	52.5	0.0	0.0%
58.0%	52.5	52.5	0.0	0.0%
59.3%	52.4	52.5	0.0	0.0%
60.5%	52.3	52.2	-0.1	-0.1%
61.7%	52.3	52.2	-0.1	-0.1%
63.0%	52.2	52.2	0.0	-0.1%
64.2%	52.1	52.1	0.0	0.0%
65.4%	52.0	52.0	0.0	0.0%
66.7%	51.9	51.9	0.0	0.0%
67.9%	51.9	51.9	0.0	0.0%
69.1%	51.9	51.7	-0.2	-0.4%
70.4%	51.8	51.6	-0.1	-0.3%
71.6%	51.8	51.6	-0.2	-0.3%
72.8%	51.7	51.6	-0.1	-0.3%
74.1%	51.6	51.6	-0.1	-0.1%
75.3%	51.5	51.5	0.0	0.1%
76.5%	51.3	51.4	0.1	0.1%
77.8%	51.3	51.3	0.0	0.0%
79.0%	51.2	51.3	0.2	0.3%
80.2%	51.1	51.2	0.0	0.0%
81.5%	50.7	51.2	0.4	0.9%
82.7%	50.7	50.8	0.1	0.2%
84.0%	50.4	50.5	0.1	0.2%
85.2%	50.4	50.4	0.0	0.0%
86.4%	50.3	50.3	0.0	0.0%
87.7%	50.2	50.3	0.0	0.0%
88.9%	50.2	50.2	0.0	-0.1%
90.1%	50.0	50.1	0.1	0.2%
91.4%	49.9	49.9	0.0	0.0%
92.6%	49.6	49.7	0.2	0.4%
93.8%	49.5	49.6	0.1	0.2%
95.1%	49.0	49.1	0.0	0.0%
96.3%	48.9	49.0	0.1	0.2%
97.5%	47.6	47.6	0.0	0.1%
98.8%	47.5	47.5	0.0	0.0%
100.0%	47.3	47.3	0.0	0.0%

Table SQ-37-7b

Clear Creek at Igo, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.8	59.7	-0.1	-0.2%
1.2%	59.8	59.6	-0.2	-0.4%
2.5%	59.7	59.3	-0.4	-0.6%
3.7%	59.7	59.2	-0.5	-0.8%
4.9%	59.6	59.1	-0.5	-0.8%
6.2%	59.2	59.1	-0.1	-0.1%
7.4%	59.1	59.0	-0.1	-0.2%
8.6%	59.0	58.9	-0.1	-0.2%
9.9%	58.9	58.7	-0.2	-0.3%
11.1%	58.7	58.5	-0.2	-0.4%
12.3%	58.5	58.4	-0.1	-0.2%
13.6%	58.4	58.3	-0.1	-0.2%
14.8%	58.2	58.1	-0.1	-0.2%
16.0%	58.1	57.9	-0.2	-0.3%
17.3%	57.7	57.7	0.0	0.0%
18.5%	57.7	57.7	0.0	0.0%
19.8%	57.7	57.6	0.0	-0.1%
21.0%	57.5	57.5	0.0	0.0%
22.2%	57.4	57.3	-0.1	-0.1%
23.5%	57.0	57.3	0.3	0.5%
24.7%	56.9	57.0	0.0	0.1%
25.9%	56.9	56.9	0.0	0.0%
27.2%	56.8	56.8	0.1	0.1%
28.4%	56.6	56.8	0.2	0.3%
29.6%	56.6	56.7	0.1	0.2%
30.9%	56.6	56.6	0.1	0.2%
32.1%	56.1	56.6	0.5	0.9%
33.3%	56.1	56.6	0.5	0.8%
34.6%	55.9	56.1	0.2	0.4%
35.8%	55.7	56.0	0.3	0.4%
37.0%	55.7	55.9	0.2	0.4%
38.3%	55.6	55.9	0.2	0.4%
39.5%	55.6	55.7	0.0	0.1%
40.7%	55.6	55.7	0.1	0.2%
42.0%	55.5	55.5	0.1	0.1%
43.2%	55.4	55.5	0.1	0.2%
44.4%	55.4	55.5	0.1	0.2%
45.7%	55.3	55.4	0.2	0.3%
46.9%	55.2	55.4	0.2	0.3%
48.1%	55.2	55.4	0.2	0.3%
49.4%	55.1	55.3	0.1	0.3%
50.6%	55.1	55.3	0.1	0.2%
51.9%	55.1	55.1	0.0	0.0%
53.1%	54.9	55.0	0.1	0.2%
54.3%	54.8	54.8	0.0	0.0%
55.6%	54.8	54.8	0.0	0.0%
56.8%	54.8	54.7	-0.1	-0.2%
58.0%	54.7	54.6	0.0	-0.1%
59.3%	54.6	54.5	-0.2	-0.3%
60.5%	54.6	54.3	-0.3	-0.6%
61.7%	54.2	54.2	0.0	0.1%
63.0%	54.2	54.2	0.0	0.0%
64.2%	54.2	54.2	0.0	-0.1%
65.4%	54.2	54.0	-0.2	-0.3%
66.7%	54.0	54.0	0.0	0.0%
67.9%	54.0	54.0	0.0	0.1%
69.1%	53.9	53.9	0.0	0.0%
70.4%	53.8	53.8	0.0	0.0%
71.6%	53.8	53.8	0.0	0.0%
72.8%	53.6	53.7	0.1	0.2%
74.1%	53.4	53.6	0.2	0.4%
75.3%	53.4	53.6	0.2	0.4%
76.5%	53.3	53.4	0.1	0.2%
77.8%	53.3	53.3	0.0	0.1%
79.0%	53.1	52.8	-0.4	-0.7%
80.2%	53.0	52.8	-0.3	-0.5%
81.5%	52.8	52.6	-0.2	-0.4%
82.7%	52.8	52.6	-0.2	-0.4%
84.0%	52.6	52.4	-0.2	-0.3%
85.2%	52.4	52.4	0.0	0.0%
86.4%	52.4	52.3	-0.1	-0.1%
87.7%	52.2	52.3	0.1	0.3%
88.9%	52.1	52.2	0.1	0.2%
90.1%	52.0	52.1	0.1	0.2%
91.4%	51.7	52.0	0.3	0.5%
92.6%	51.6	51.7	0.1	0.2%
93.8%	51.4	51.0	-0.4	-0.8%
95.1%	51.0	51.0	0.0	0.0%
96.3%	51.0	51.0	-0.1	-0.1%
97.5%	51.0	50.7	-0.2	-0.4%
98.8%	49.2	49.2	0.0	0.1%
100.0%	48.8	48.8	0.0	0.0%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.8	73.2	-0.6	-0.8%
1.2%	64.9	64.5	-0.3	-0.5%
2.5%	64.2	64.2	0.0	0.0%
3.7%	63.7	63.0	-0.7	-1.0%
4.9%	63.0	62.3	-0.7	-1.1%
6.2%	61.9	61.4	-0.6	-0.9%
7.4%	61.9	61.0	-0.9	-1.5%
8.6%	61.6	61.0	-0.7	-1.1%
9.9%	61.3	60.6	-0.7	-1.1%
11.1%	61.3	60.5	-0.8	-1.3%
12.3%	61.0	60.3	-0.7	-1.1%
13.6%	60.3	60.2	-0.1	-0.1%
14.8%	60.3	59.9	-0.4	-0.6%
16.0%	60.2	59.8	-0.3	-0.6%
17.3%	59.8	59.6	-0.2	-0.3%
18.5%	59.7	59.4	-0.3	-0.4%
19.8%	59.6	59.4	-0.2	-0.3%
21.0%	59.6	59.4	-0.2	-0.3%
22.2%	59.5	59.4	-0.1	-0.2%
23.5%	59.4	59.3	-0.1	-0.2%
24.7%	59.4	59.3	-0.1	-0.2%
25.9%	59.2	59.2	0.0	0.0%
27.2%	59.2	59.1	0.0	-0.1%
28.4%	59.1	59.1	0.0	-0.1%
29.6%	59.1	59.0	-0.1	-0.1%
30.9%	59.1	59.0	-0.1	-0.2%
32.1%	59.0	58.9	-0.1	-0.1%
33.3%	59.0	58.9	-0.1	-0.1%
34.6%	58.8	58.9	0.1	0.1%
35.8%	58.7	58.8	0.1	0.1%
37.0%	58.7	58.8	0.0	0.0%
38.3%	58.6	58.7	0.1	0.2%
39.5%	58.5	58.6	0.1	0.1%
40.7%	58.4	58.5	0.1	0.1%
42.0%	58.4	58.4	0.0	0.0%
43.2%	58.4	58.4	0.0	-0.1%
44.4%	58.4	58.4	0.0	0.0%
45.7%	58.3	58.4	0.0	0.1%
46.9%	58.2	58.3	0.1	0.3%
48.1%	58.2	58.2	0.1	0.1%
49.4%	58.1	58.2	0.1	0.2%
50.6%	58.1	58.1	0.0	0.0%
51.9%	58.0	58.1	0.1	0.1%
53.1%	57.9	58.0	0.1	0.2%
54.3%	57.8	58.0	0.3	0.5%
55.6%	57.7	57.8	0.0	0.1%
56.8%	57.4	57.5	0.1	0.2%
58.0%	57.4	57.4	0.0	0.0%
59.3%	57.2	57.3	0.1	0.2%
60.5%	57.2	57.2	0.0	0.0%
61.7%	57.2	57.2	0.0	0.0%
63.0%	57.2	57.2	0.0	0.0%
64.2%	57.0	57.1	0.2	0.3%
65.4%	56.9	57.1	0.2	0.4%
66.7%	56.8	56.9	0.0	0.0%
67.9%	56.8	56.9	0.0	0.1%
69.1%	56.8	56.9	0.0	0.1%
70.4%	56.7	56.8	0.1	0.2%
71.6%	56.7	56.8	0.0	0.1%
72.8%	56.7	56.8	0.0	0.1%
74.1%	56.7	56.8	0.0	0.1%
75.3%	56.6	56.7	0.1	0.2%
76.5%	56.6	56.6	0.0	0.0%
77.8%	56.5	56.5	0.0	0.0%
79.0%	56.4	56.5	0.1	0.3%
80.2%	56.3	56.4	0.1	0.2%
81.5%	56.3	56.3	0.0	0.1%
82.7%	56.1	56.2	0.0	0.1%
84.0%	56.1	56.1	-0.1	-0.1%
85.2%	56.1	56.1	-0.1	-0.1%
86.4%	56.0	56.0	0.0	0.0%
87.7%	55.6	55.9	0.3	0.6%
88.9%	55.6	55.6	0.0	0.0%
90.1%	55.4	55.2	-0.2	-0.4%
91.4%	55.1	55.1	0.0	0.0%
92.6%	55.1	55.1	0.0	0.0%
93.8%	54.9	54.9	0.0	0.0%
95.1%	54.9	54.9	0.0	0.0%
96.3%	54.4	54.7	0.2	0.4%
97.5%	53.9	53.9	0.0	0.1%
98.8%	53.7	53.3	-0.4	-0.7%
100.0%	52.5	52.5	0.1	0.1%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.0	65.0	0.0	0.1%
1.2%	62.4	61.0	-1.4	-2.3%
2.5%	62.1	60.5	-1.6	-2.6%
3.7%	62.0	60.5	-1.5	-2.5%
4.9%	61.0	60.5	-0.6	-0.9%
6.2%	60.8	59.9	-0.9	-1.5%
7.4%	60.6	59.6	-1.0	-1.7%
8.6%	59.5	59.3	-0.2	-0.4%
9.9%	59.4	59.2	-0.2	-0.3%
11.1%	59.4	59.2	-0.2	-0.4%
12.3%	59.2	59.1	-0.2	-0.3%
13.6%	59.1	58.9	-0.2	-0.3%
14.8%	59.0	58.9	-0.1	-0.3%
16.0%	58.9	58.9	-0.1	-0.1%
17.3%	58.9	58.3	-0.5	-0.9%
18.5%	58.8	58.3	-0.5	-0.9%
19.8%	58.8	58.3	-0.5	-0.9%
21.0%	58.4	58.3	-0.1	-0.2%
22.2%	58.4	58.2	-0.2	-0.3%
23.5%	58.3	58.2	-0.2	-0.3%
24.7%	58.2	58.1	0.0	-0.1%
25.9%	58.0	58.1	0.1	0.1%
27.2%	58.0	57.9	-0.1	-0.2%
28.4%	57.9	57.7	-0.2	-0.4%
29.6%	57.9	57.7	-0.2	-0.4%
30.9%	57.9	57.6	-0.2	-0.4%
32.1%	57.7	57.6	-0.1	-0.2%
33.3%	57.5	57.6	0.0	0.1%
34.6%	57.4	57.5	0.0	0.1%
35.8%	57.4	57.4	-0.1	-0.1%
37.0%	57.4	57.3	-0.1	-0.2%
38.3%	57.2	57.3	0.0	0.1%
39.5%	57.2	57.2	0.0	0.0%
40.7%	57.1	57.2	0.0	0.0%
42.0%	57.1	57.1	-0.1	-0.1%
43.2%	57.1	56.9	-0.2	-0.3%
44.4%	57.1	56.8	-0.2	-0.4%
45.7%	57.0	56.8	-0.2	-0.3%
46.9%	56.7	56.8	0.1	0.2%
48.1%	56.6	56.7	0.0	0.1%
49.4%	56.6	56.6	0.0	0.1%
50.6%	56.6	56.6	0.1	0.1%
51.9%	56.5	56.5	0.0	0.0%
53.1%	56.4	56.4	0.0	0.0%
54.3%	56.4	56.4	0.1	0.1%
55.6%	56.4	56.4	0.0	0.1%
56.8%	56.3	56.3	0.1	0.1%
58.0%	56.3	56.3	0.0	0.0%
59.3%	56.2	56.2	0.0	0.0%
60.5%	56.2	56.2	0.0	0.0%
61.7%	56.2	56.1	-0.1	-0.1%
63.0%	56.1	56.1	0.0	0.0%
64.2%	56.1	56.1	0.0	0.0%
65.4%	56.0	56.0	0.0	0.0%
66.7%	56.0	56.0	0.0	0.0%
67.9%	56.0	56.0	-0.1	-0.1%
69.1%	56.0	55.9	0.0	0.0%
70.4%	55.9	55.9	0.0	-0.1%
71.6%	55.9	55.9	0.0	0.0%
72.8%	55.7	55.8	0.1	0.2%
74.1%	55.7	55.7	0.1	0.1%
75.3%	55.6	55.7	0.1	0.2%
76.5%	55.5	55.7	0.2	0.3%
77.8%	55.2	55.6	0.4	0.8%
79.0%	55.1	55.5	0.4	0.8%
80.2%	55.0	55.5	0.5	1.0%
81.5%	54.9	55.5	0.5	1.0%
82.7%	54.9	55.4	0.5	0.9%
84.0%	54.9	55.4	0.5	0.9%
85.2%	54.9	55.3	0.3	0.6%
86.4%	54.8	55.3	0.5	0.9%
87.7%	54.7	55.3	0.5	0.9%
88.9%	54.7	55.1	0.4	0.8%
90.1%	54.6	55.0	0.4	0.7%
91.4%	54.6	55.0	0.4	0.7%
92.6%	54.5	54.7	0.2	0.4%
93.8%	54.5	54.6	0.1	0.1%
95.1%	54.5	54.5	0.0	0.0%
96.3%	54.3	54.5	0.1	0.2%
97.5%	54.3	54.3	0.0	0.0%
98.8%	53.5	53.7	0.2	0.3%
100.0%	53.3	53.6	0.2	0.5%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	64.2	60.6	-3.6	-5.6%
1.2%	61.7	60.2	-1.5	-2.5%
2.5%	60.0	59.8	-0.2	-0.4%
3.7%	59.6	58.3	-1.3	-2.2%
4.9%	59.1	57.8	-1.4	-2.3%
6.2%	58.6	57.6	-1.0	-1.8%
7.4%	58.3	57.4	-0.9	-1.5%
8.6%	58.1	56.8	-1.3	-2.3%
9.9%	57.9	56.4	-1.5	-2.6%
11.1%	57.7	56.4	-1.3	-2.2%
12.3%	57.7	56.3	-1.4	-2.4%
13.6%	56.7	56.2	-0.5	-0.8%
14.8%	56.5	55.5	-0.9	-1.7%
16.0%	56.1	55.4	-0.7	-1.3%
17.3%	55.8	55.0	-0.8	-1.5%
18.5%	55.5	54.9	-0.6	-1.1%
19.8%	55.3	54.7	-0.6	-1.0%
21.0%	54.9	54.6	-0.3	-0.5%
22.2%	54.8	54.6	-0.2	-0.4%
23.5%	54.8	54.5	-0.2	-0.4%
24.7%	54.7	54.3	-0.4	-0.8%
25.9%	54.6	54.2	-0.5	-0.8%
27.2%	54.6	54.1	-0.5	-0.9%
28.4%	54.4	54.1	-0.4	-0.7%
29.6%	54.3	54.1	-0.2	-0.4%
30.9%	54.0	54.0	-0.1	-0.2%
32.1%	53.9	53.9	-0.1	-0.1%
33.3%	53.9	53.9	-0.1	-0.1%
34.6%	53.6	53.6	0.0	0.0%
35.8%	53.6	53.6	0.0	0.0%
37.0%	53.6	53.5	0.0	0.0%
38.3%	53.5	53.4	-0.2	-0.3%
39.5%	53.5	53.3	-0.2	-0.4%
40.7%	53.3	53.3	-0.1	-0.2%
42.0%	53.3	53.2	-0.1	-0.2%
43.2%	53.3	53.1	-0.2	-0.4%
44.4%	53.2	53.0	-0.2	-0.4%
45.7%	53.2	53.0	-0.2	-0.5%
46.9%	53.2	53.0	-0.3	-0.5%
48.1%	53.0	53.0	-0.1	-0.1%
49.4%	53.0	52.9	-0.1	-0.1%
50.6%	53.0	52.9	0.0	-0.1%
51.9%	52.8	52.9	0.1	0.2%
53.1%	52.8	52.8	0.0	0.0%
54.3%	52.8	52.8	0.0	0.0%
55.6%	52.7	52.7	0.0	0.0%
56.8%	52.7	52.7	0.0	-0.1%
58.0%	52.7	52.7	-0.1	-0.1%
59.3%	52.7	52.7	0.0	-0.1%
60.5%	52.7	52.6	-0.1	-0.1%
61.7%	52.6	52.6	0.0	-0.1%
63.0%	52.6	52.5	-0.1	-0.1%
64.2%	52.5	52.5	0.0	0.0%
65.4%	52.5	52.5	0.0	0.0%
66.7%	52.5	52.4	-0.1	-0.1%
67.9%	52.4	52.4	0.0	0.0%
69.1%	52.4	52.4	0.0	0.0%
70.4%	52.3	52.4	0.1	0.2%
71.6%	52.3	52.4	0.1	0.2%
72.8%	52.2	52.3	0.1	0.2%
74.1%	52.2	52.3	0.1	0.2%
75.3%	52.2	52.2	0.1	0.1%
76.5%	52.1	52.2	0.0	0.1%
77.8%	52.1	52.2	0.1	0.2%
79.0%	52.0	52.1	0.1	0.2%
80.2%	52.0	52.1	0.1	0.2%
81.5%	52.0	52.1	0.1	0.2%
82.7%	51.9	52.0	0.0	0.1%
84.0%	51.9	51.9	0.0	0.1%
85.2%	51.9	51.9	0.0	0.1%
86.4%	51.9	51.9	0.0	0.0%
87.7%	51.7	51.8	0.2	0.3%
88.9%	51.6	51.6	0.0	0.1%
90.1%	51.6	51.4	-0.1	-0.3%
91.4%	51.6	51.4	-0.2	-0.3%
92.6%	51.4	51.4	0.0	-0.1%
93.8%	51.4	51.4	0.0	-0.1%
95.1%	51.1	51.1	0.0	0.0%
96.3%	50.9	51.0	0.1	0.2%
97.5%	50.9	50.9	0.0	0.1%
98.8%	50.7	50.8	0.1	0.2%
100.0%	50.6	50.6	0.0	0.0%

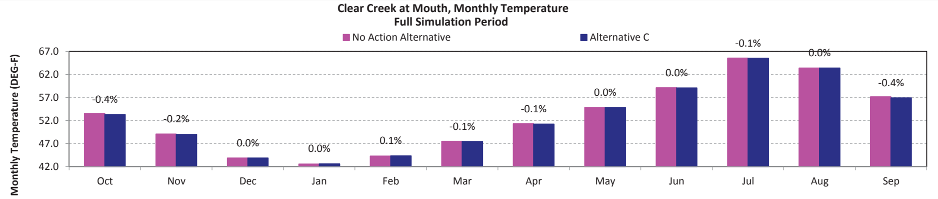
Table SQ-38-7a
Clear Creek at Mouth, Monthly Temperature
Long-term Average and Average by Water Year Type

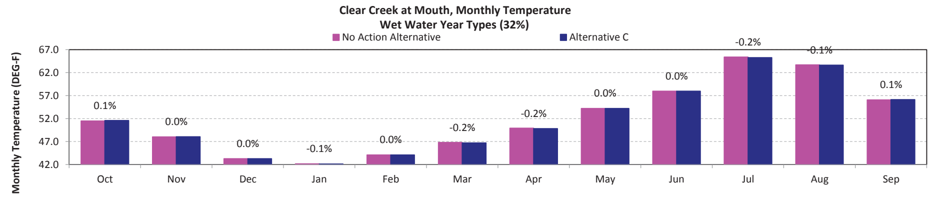
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	53.5	49.1	43.9	42.6	44.3	47.5	51.3	54.8	59.1	65.6	63.4	57.1
Alternative C	53.3	49.0	43.9	42.6	44.3	47.5	51.2	54.8	59.1	65.5	63.4	56.9
Difference	-0.2	-0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	-0.2
Percent Difference[3]	-0.4%	-0.2%	0.0%	0.0%	0.1%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	0.0%	-0.4%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	51.5	48.0	43.3	42.2	44.1	46.8	49.9	54.2	58.0	65.4	63.7	56.1
Alternative C	51.6	48.1	43.3	42.1	44.1	46.7	49.8	54.2	58.0	65.3	63.6	56.1
Difference	0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	-0.1	-0.1	0.0
Percent Difference	0.1%	0.0%	0.0%	-0.1%	0.0%	-0.2%	-0.2%	0.0%	0.0%	-0.2%	-0.1%	0.1%
Above Normal (15%)												
No Action Alternative	52.7	48.6	44.0	42.9	44.3	47.3	50.8	55.4	60.3	67.9	64.0	56.7
Alternative C	52.4	48.6	44.0	42.9	44.3	47.3	50.8	55.4	60.1	67.7	63.9	56.3
Difference	-0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.1	-0.1	-0.4
Percent Difference	-0.7%	0.0%	0.1%	-0.1%	0.0%	0.0%	0.1%	0.0%	-0.3%	-0.2%	-0.2%	-0.7%
Below Normal (17%)												
No Action Alternative	54.0	49.3	43.9	42.5	43.8	47.3	51.4	55.4	58.6	65.6	63.5	57.2
Alternative C	53.6	49.2	43.9	42.5	43.8	47.3	51.4	55.4	58.6	65.6	63.5	57.0
Difference	-0.4	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2
Percent Difference	-0.7%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.3%
Dry (22%)												
No Action Alternative	53.5	49.7	44.2	42.6	44.2	47.9	52.6	54.8	59.1	64.9	62.4	56.8
Alternative C	53.3	49.6	44.1	42.7	44.3	47.9	52.4	54.8	59.2	64.9	62.6	56.7
Difference	-0.2	-0.2	0.0	0.1	0.1	0.0	-0.2	0.1	0.1	0.0	0.2	-0.1
Percent Difference	-0.4%	-0.3%	-0.1%	0.2%	0.2%	-0.1%	-0.4%	0.1%	0.2%	0.1%	0.3%	-0.1%
Critical (15%)												
No Action Alternative	58.2	50.5	44.6	43.1	45.4	48.9	52.7	55.0	61.0	64.5	63.4	60.3
Alternative C	57.5	50.3	44.5	43.1	45.4	48.9	52.7	55.0	60.9	64.6	63.5	59.3
Difference	-0.7	-0.3	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	0.1	0.1	-1.0
Percent Difference	-1.2%	-0.6%	-0.1%	0.2%	0.1%	-0.1%	0.0%	-0.1%	-0.1%	0.1%	0.2%	-1.7%

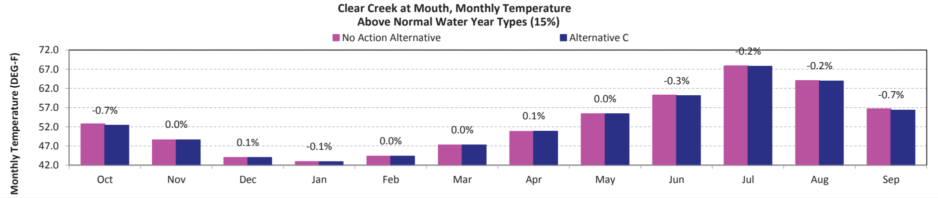
1 Based on the 82-year simulation period

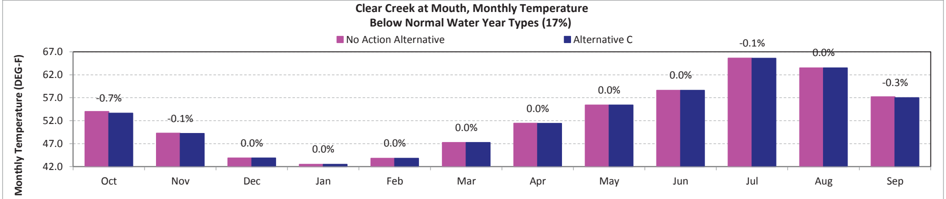
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

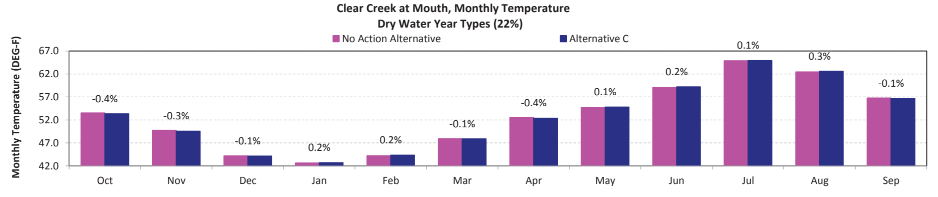
3 Relative difference of the monthly average


Clear Creek at Mouth, Monthly Temperature
Full Simulation Period


Clear Creek at Mouth, Monthly Temperature
Wet Water Year Types (32%)


Clear Creek at Mouth, Monthly Temperature
Above Normal Water Year Types (15%)


Clear Creek at Mouth, Monthly Temperature
Below Normal Water Year Types (17%)


Clear Creek at Mouth, Monthly Temperature
Dry Water Year Types (22%)

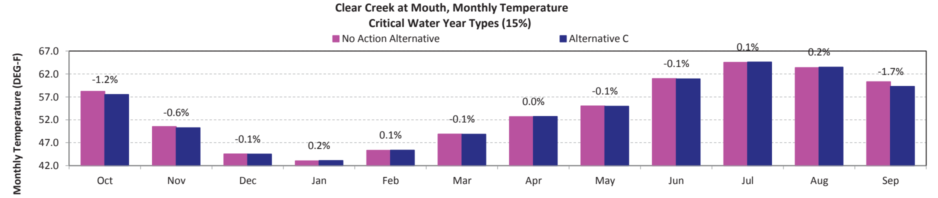

Clear Creek at Mouth, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-38-7b
Clear Creek at Mouth, Monthly Temperature
Probability of Exceedance

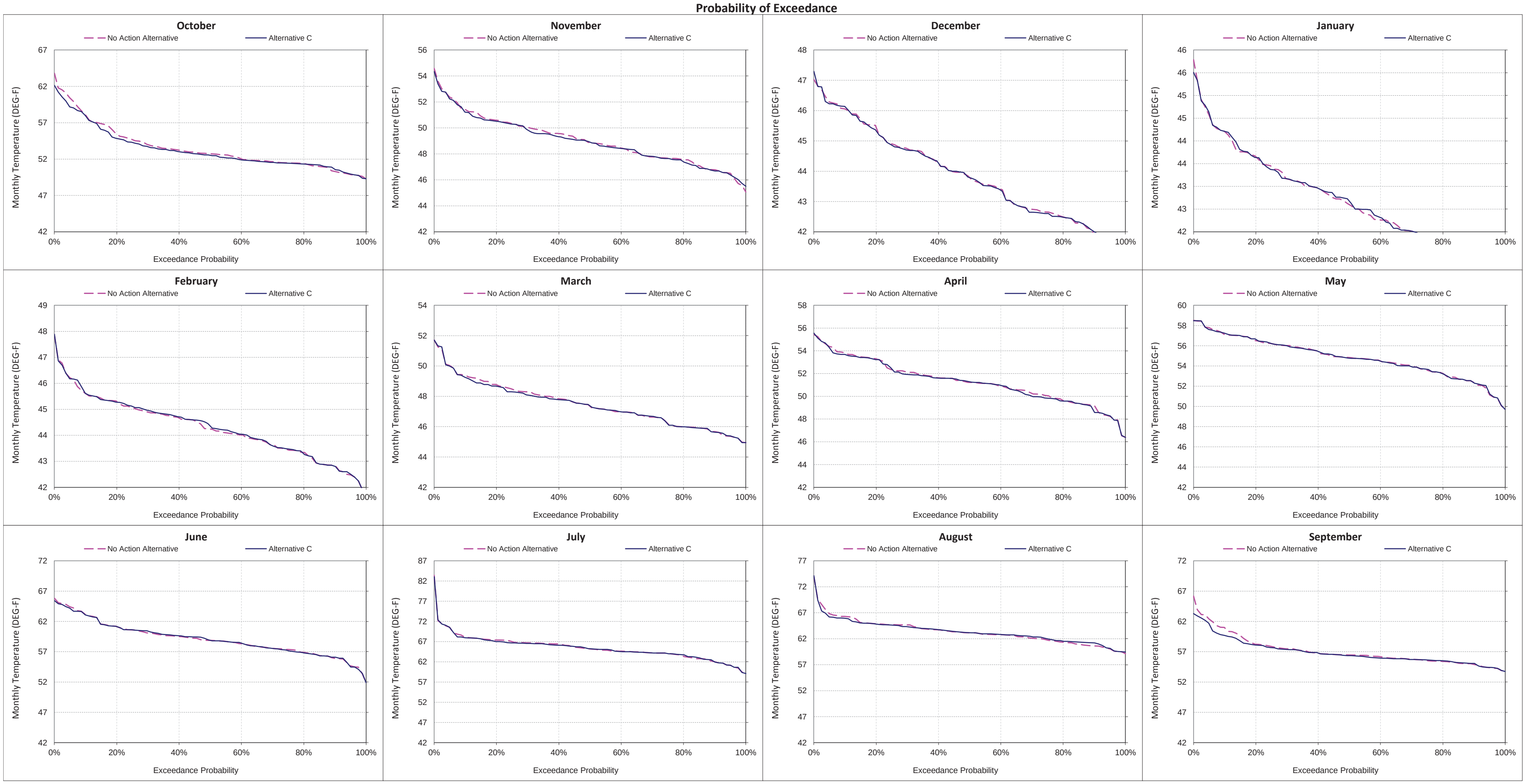


Table SQ-38-7b

Clear Creek at Mouth, Monthly Temperature
Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	63.8	62.1	-1.7	-2.6%
1.2%	61.8	61.2	-0.6	-0.9%
2.5%	61.5	60.5	-1.0	-1.6%
3.7%	61.1	60.0	-1.1	-1.8%
4.9%	60.4	59.2	-1.2	-2.0%
6.2%	59.9	59.0	-0.9	-1.4%
7.4%	59.2	58.7	-0.6	-0.9%
8.6%	58.7	58.5	-0.1	-0.2%
9.9%	58.1	58.0	-0.1	-0.2%
11.1%	57.4	57.3	-0.1	-0.1%
12.3%	57.1	57.1	0.1	0.1%
13.6%	57.0	56.9	-0.1	-0.2%
14.8%	56.9	56.1	-0.8	-1.4%
16.0%	56.8	56.0	-0.8	-1.4%
17.3%	56.6	55.7	-0.9	-1.5%
18.5%	56.1	55.0	-1.0	-1.8%
19.8%	55.5	54.9	-0.6	-1.1%
21.0%	55.1	54.8	-0.4	-0.7%
22.2%	55.0	54.6	-0.4	-0.7%
23.5%	54.9	54.3	-0.5	-1.0%
24.7%	54.7	54.3	-0.4	-0.8%
25.9%	54.5	54.2	-0.3	-0.6%
27.2%	54.5	54.1	-0.4	-0.7%
28.4%	54.4	53.8	-0.5	-1.0%
29.6%	54.0	53.8	-0.3	-0.5%
30.9%	53.9	53.6	-0.3	-0.5%
32.1%	53.8	53.5	-0.2	-0.4%
33.3%	53.7	53.4	-0.3	-0.5%
34.6%	53.5	53.3	-0.2	-0.3%
35.8%	53.5	53.3	-0.1	-0.2%
37.0%	53.4	53.2	-0.2	-0.4%
38.3%	53.3	53.2	-0.2	-0.3%
39.5%	53.3	53.0	-0.2	-0.4%
40.7%	53.2	53.0	-0.2	-0.4%
42.0%	53.1	52.9	-0.2	-0.3%
43.2%	53.0	52.9	-0.1	-0.2%
44.4%	53.0	52.8	-0.2	-0.4%
45.7%	52.9	52.7	-0.2	-0.4%
46.9%	52.8	52.6	-0.2	-0.3%
48.1%	52.8	52.6	-0.2	-0.4%
49.4%	52.8	52.6	-0.2	-0.3%
50.6%	52.7	52.5	-0.2	-0.5%
51.9%	52.7	52.5	-0.2	-0.5%
53.1%	52.6	52.3	-0.3	-0.7%
54.3%	52.6	52.2	-0.4	-0.7%
55.6%	52.6	52.2	-0.4	-0.8%
56.8%	52.4	52.2	-0.3	-0.5%
58.0%	52.3	52.1	-0.3	-0.5%
59.3%	52.2	51.9	-0.2	-0.4%
60.5%	51.9	51.9	-0.1	-0.2%
61.7%	51.9	51.8	-0.1	-0.2%
63.0%	51.8	51.8	0.0	-0.1%
64.2%	51.8	51.8	0.0	-0.1%
65.4%	51.8	51.7	-0.1	-0.2%
66.7%	51.7	51.7	-0.1	-0.2%
67.9%	51.7	51.6	-0.1	-0.2%
69.1%	51.7	51.5	-0.1	-0.2%
70.4%	51.6	51.5	-0.1	-0.2%
71.6%	51.6	51.5	-0.1	-0.2%
72.8%	51.5	51.5	0.0	-0.1%
74.1%	51.5	51.4	0.0	-0.1%
75.3%	51.5	51.4	0.0	-0.1%
76.5%	51.5	51.4	-0.1	-0.1%
77.8%	51.5	51.4	-0.1	-0.2%
79.0%	51.4	51.4	-0.1	-0.1%
80.2%	51.4	51.3	0.0	-0.1%
81.5%	51.2	51.3	0.1	0.1%
82.7%	51.1	51.2	0.2	0.3%
84.0%	51.1	51.2	0.2	0.3%
85.2%	51.0	51.2	0.2	0.4%
86.4%	50.9	51.0	0.1	0.2%
87.7%	50.9	50.9	0.1	0.1%
88.9%	50.4	50.9	0.5	1.0%
90.1%	50.3	50.6	0.3	0.5%
91.4%	50.2	50.5	0.3	0.6%
92.6%	50.1	50.2	0.1	0.2%
93.8%	50.0	50.1	0.1	0.2%
95.1%	49.9	49.9	0.1	0.1%
96.3%	49.8	49.8	0.0	0.0%
97.5%	49.7	49.8	0.0	0.0%
98.8%	49.6	49.4	-0.3	-0.5%
100.0%	49.3	49.3	0.0	0.0%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.6	54.3	-0.2	-0.4%
1.2%	53.6	53.4	-0.2	-0.4%
2.5%	53.0	52.8	-0.2	-0.4%
3.7%	52.7	52.8	0.0	0.1%
4.9%	52.4	52.2	-0.1	-0.2%
6.2%	52.2	52.1	-0.1	-0.2%
7.4%	51.9	51.8	-0.2	-0.3%
8.6%	51.5	51.6	0.1	0.3%
9.9%	51.4	51.2	-0.2	-0.4%
11.1%	51.3	51.2	-0.1	-0.1%
12.3%	51.2	50.9	-0.3	-0.6%
13.6%	51.2	50.8	-0.4	-0.8%
14.8%	50.9	50.8	-0.2	-0.4%
16.0%	50.8	50.6	-0.1	-0.3%
17.3%	50.7	50.6	-0.1	-0.1%
18.5%	50.6	50.6	-0.1	-0.2%
19.8%	50.6	50.5	-0.1	-0.1%
21.0%	50.6	50.5	-0.1	-0.2%
22.2%	50.4	50.4	0.0	0.0%
23.5%	50.4	50.4	-0.1	-0.1%
24.7%	50.3	50.3	0.0	-0.1%
25.9%	50.3	50.3	-0.1	-0.1%
27.2%	50.1	50.2	0.1	0.1%
28.4%	50.1	50.2	0.1	0.1%
29.6%	50.1	49.9	-0.2	-0.4%
30.9%	50.0	49.7	-0.3	-0.5%
32.1%	49.9	49.6	-0.3	-0.7%
33.3%	49.9	49.6	-0.3	-0.6%
34.6%	49.8	49.6	-0.3	-0.5%
35.8%	49.7	49.6	-0.1	-0.3%
37.0%	49.6	49.5	-0.1	-0.2%
38.3%	49.6	49.4	-0.2	-0.3%
39.5%	49.6	49.3	-0.2	-0.5%
40.7%	49.6	49.3	-0.3	-0.5%
42.0%	49.5	49.2	-0.3	-0.6%
43.2%	49.4	49.2	-0.3	-0.5%
44.4%	49.4	49.1	-0.3	-0.5%
45.7%	49.2	49.1	-0.1	-0.2%
46.9%	49.1	49.1	-0.1	-0.1%
48.1%	49.1	49.0	-0.1	-0.1%
49.4%	48.9	49.0	0.1	0.1%
50.6%	48.8	48.8	0.0	0.0%
51.9%	48.8	48.8	0.0	0.0%
53.1%	48.8	48.6	-0.2	-0.3%
54.3%	48.7	48.6	-0.1	-0.3%
55.6%	48.6	48.6	-0.1	-0.2%
56.8%	48.6	48.5	-0.1	-0.2%
58.0%	48.6	48.5	-0.1	-0.3%
59.3%	48.5	48.4	-0.1	-0.1%
60.5%	48.4	48.4	0.0	0.0%
61.7%	48.4	48.4	0.0	0.1%
63.0%	48.1	48.4	0.2	0.5%
64.2%	48.1	48.3	0.2	0.4%
65.4%	48.1	48.1	0.0	0.0%
66.7%	47.9	47.9	0.0	-0.1%
67.9%	47.9	47.8	0.0	0.0%
69.1%	47.8	47.8	0.1	0.1%
70.4%	47.8	47.8	0.0	0.1%
71.6%	47.7	47.7	0.0	0.0%
72.8%	47.7	47.7	0.0	-0.1%
74.1%	47.7	47.6	0.0	-0.1%
75.3%	47.7	47.6	0.0	0.0%
76.5%	47.6	47.6	-0.1	-0.2%
77.8%	47.6	47.6	-0.1	-0.2%
79.0%	47.6	47.5	0.0	-0.1%
80.2%	47.5	47.4	-0.2	-0.4%
81.5%	47.5	47.3	-0.3	-0.6%
82.7%	47.4	47.1	-0.2	-0.5%
84.0%	47.1	47.1	0.0	-0.1%
85.2%	47.1	46.9	-0.2	-0.4%
86.4%	46.9	46.9	0.0	-0.1%
87.7%	46.8	46.8	0.0	0.1%
88.9%	46.8	46.8	0.0	-0.1%
90.1%	46.8	46.7	-0.1	-0.2%
91.4%	46.7	46.7	0.0	0.0%
92.6%	46.6	46.6	0.0	0.0%
93.8%	46.6	46.6	0.0	0.0%
95.1%	46.5	46.4	-0.1	-0.3%
96.3%	46.1	46.2	0.1	0.2%
97.5%	45.7	46.0	0.3	0.7%
98.8%	45.6	45.7	0.1	0.3%
100.0%	45.1	45.5	0.4	1.0%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.0	47.3	0.3	0.6%
1.2%	46.8	46.8	0.0	0.0%
2.5%	46.7	46.8	0.1	0.2%
3.7%	46.5	46.3	-0.2	-0.4%
4.9%	46.3	46.2	-0.1	-0.1%
6.2%	46.3	46.2	0.0	-0.1%
7.4%	46.2	46.2	-0.1	-0.1%
8.6%	46.1	46.1	0.1	0.2%
9.9%	46.1	46.1	0.1	0.2%
11.1%	46.0	46.0	0.0	0.0%
12.3%	45.9	45.9	0.0	-0.1%
13.6%	45.9	45.8	0.0	-0.1%
14.8%	45.7	45.7	-0.1	-0.2%
16.0%	45.6	45.6	0.1	0.2%
17.3%	45.5	45.5	0.0	0.0%
18.5%	45.5	45.4	-0.1	-0.2%
19.8%	45.5	45.4	-0.1	-0.3%
21.0%	45.2	45.2	0.0	0.0%
22.2%	45.1	45.1	0.0	0.0%
23.5%	45.0	44.9	0.0	0.0%
24.7%	44.9	44.9	0.0	-0.1%
25.9%	44.9	44.8	-0.1	-0.1%
27.2%	44.8	44.8	0.0	0.0%
28.4%	44.8	44.7	0.0	-0.1%
29.6%	44.8	44.7	-0.1	-0.1%
30.9%	44.7	44.7	0.0	0.0%
32.1%	44.7	44.7	0.0	0.0%
33.3%	44.7	44.7	0.0	-0.1%
34.6%	44.7	44.6	-0.1	-0.2%
35.8%	44.5	44.5	0.0	0.0%
37.0%	44.4	44.5	0.0	0.0%
38.3%	44.4	44.4	0.0	-0.1%
39.5%	44.3	44.3	0.0	0.1%
40.7%	44.2	44.2	0.0	0.0%
42.0%	44.2	44.1	0.0	0.0%
43.2%	44.1	44.0	0.0	-0.1%
44.4%	44.0	44.0	0.0	0.0%
45.7%	44.0	44.0	0.0	0.1%
46.9%	44.0	44.0	0.0	0.0%
48.1%	43.9	44.0	0.0	0.1%
49.4%	43.9	43.8	0.0	-0.1%
50.6%	43.7	43.8	0.0	0.1%
51.9%	43.7	43.7	0.0	0.1%
53.1%	43.6	43.6	0.0	0.0%
54.3%	43.6	43.5	0.0	-0.1%
55.6%	43.6	43.5	0.0	-0.1%
56.8%	43.5	43.5	0.0	0.0%
58.0%	43.5	43.5	0.0	-0.1%
59.3%	43.4	43.4	0.0	0.0%
60.5%	43.4	43.3	0.0	-0.1%
61.7%	43.0	43.0	0.0	0.0%
63.0%	43.0	43.0	0.0	0.0%
64.2%	42.9	42.9	0.0	0.0%
65.4%	42.9	42.9	0.0	0.0%
66.7%	42.8	42.8	0.0	0.0%
67.9%	42.8	42.8	0.0	0.0%
69.1%	42.8	42.7	-0.1	-0.2%
70.4%	42.7	42.6	-0.1	-0.2%
71.6%	42.7	42.6	-0.1	-0.2%
72.8%	42.7	42.6	0.0	-0.1%
74.1%	42.7	42.6	0.0	-0.1%
75.3%	42.7	42.6	0.0	-0.1%
76.5%	42.6	42.5	-0.1	-0.2%
77.8%	42.6	42.5	-0.1	-0.2%
79.0%	42.5	42.5	0.0	-0.1%
80.2%	42.5	42.5	0.0	0.0%
81.5%	42.4	42.5	0.0	0.1%
82.7%	42.4	42.4	0.0	0.0%
84.0%	42.3	42.3	0.1	0.1%
85.2%	42.3	42.3	0.0	0.1%
86.4%	42.3	42.3	0.0	0.0%
87.7%	42.1	42.2	0.0	0.1%
88.9%	42.1	42.1	0.0	0.0%
90.1%	41.9	42.0	0.1	0.3%
91.4%	41.8	41.9	0.1	0.3%
92.6%	41.8	41.7	0.0	-0.1%
93.8%	41.7	41.7	0.0	-0.1%
95.1%	41.7	41.7	0.0	-0.1%
96.3%	41.7	41.7	0.0	0.0%
97.5%	41.5	41.6	0.1	0.1%
98.8%	41.5	41.3	-0.1	-0.3%
100.0%	40.7	40.7	0.0	0.0%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	45.8	45.5	-0.3	-0.6%
1.2%	45.3	45.3	0.0	0.0%
2.5%	44.9	44.9	0.0	-0.1%
3.7%	44.7	44.8	0.0	0.1%
4.9%	44.6	44.6	0.1	0.2%
6.2%	44.4	44.3	0.0	0.0%
7.4%	44.3	44.3	0.0	0.1%
8.6%	44.2	44.2	0.0	0.0%
9.9%	44.2	44.2	0.0	0.0%
11.1%	44.1	44.2	0.1	0.1%
12.3%	44.0	44.1	0.1	0.2%
13.6%	43.8	44.0	0.2	0.4%
14.8%	43.8	43.8	0.0	0.1%
16.0%	43.8	43.8	0.0	0.0%
17.3%	43.7	43.8	0.0	0.0%
18.5%	43.7	43.7	0.0	0.0%
19.8%	43.7	43.6	0.0	-0.1%
21.0%	43.6	43.6	0.0	0.1%
22.2%	43.5	43.5	0.0	0.0%
23.5%	43.5	43.4	0.0	-0.1%
24.7%	43.5	43.4	-0.1	-0.2%
25.9%	43.4	43.4	0.0	0.0%
27.2%	43.4	43.3	-0.1	-0.1%
28.4%	43.3	43.2	-0.1	-0.3%
29.6%	43.2	43.2	0.0	0.0%
30.9%	43.1	43.2	0.0	0.0%
32.1%	43.1	43.1	0.0	0.0%
33.3%	43.1	43.1	0.0	0.0%
34.6%	43.1	43.1	0.0	0.0%
35.8%	43.0	43.1	0.1	0.2%
37.0%	43.0	43.0	0.0	0.0%
38.3%	43.0	43.0	0.0	0.0%
39.5%	43.0	43.0	0.0	0.0%
40.7%	42.9	42.9	0.0	0.0%
42.0%	42.9	42.9	0.0	0.0%
43.2%	42.8	42.9	0.0	0.1%
44.4%	42.8	42.9	0.1	0.3%
45.7%	42.7	42.8	0.0	0.1%
46.9%	42.7	42.8	0.0	0.1%
48.1%	42.7	42.7	0.1	0.1%
49.4%	42.6	42.7	0.1	0.2%
50.6%	42.6	42.6	0.1	0.1%
51.9%	42.5	42.5	0.0	0.0%
53.1%	42.5	42.5	0.0	0.0%
54.3%	42.4	42.5	0.1	0.2%
55.6%	42.4	42.5	0.1	0.2%
56.8%	42.4	42.5	0.1	0.3%
58.0%	42.3	42.4	0.1	0.2%
59.3%	42.3	42.3	0.1	0.2%
60.5%	42.3	42.3	0.0	0.1%
61.7%	42.3	42.2	0.0	-0.1%
63.0%	42.2	42.2	0.0	0.0%
64.2%	42.2	42.1	-0.1	-0.3%
65.4%	42.1	42.1	-0.1	-0.2%
66.7%	42.1	42.0	0.0	0.0%
67.9%	42.0	42.0	0.0	0.0%
69.1%	42.0	42.0	0.0	0.0%
70.4%	42.0	42.0	0.0	0.0%
71.6%	41.9	42.0	0.1	0.1%
72.8%	41.9	41.9	0.0	0.0%
74.1%	41.8	41.8	0.0	-0.1%
75.3%	41.8	41.8	0.0	0.0%
76.5%	41.7	41.8	0.0	0.1%
77.8%	41.7	41.7	0.0	0.0%
79.0%	41.6	41.7	0.1	0.2%
80.2%	41.6	41.6	0.0	-0.1%
81.5%	41.5	41.5	0.0	0.0%
82.7%	41.4	41.4	0.0	0.0%
84.0%	41.4	41.4	0.0	0.0%
85.2%	41.3	41.3	0.0	0.1%
86.4%	41.2	41.2	0.1	0.1%
87.7%	41.0	41.2	0.2	0.5%
88.9%	41.0	41.0	0.0	0.0%
90.1%	40.9	40.9	0.0	0.0%
91.4%	40.8	40.9	0.1	0.2%
92.6%	40.5	40.8	0.3	0.7%
93.8%	40.5	40.5	0.0	-0.1%
95.1%	40.4	40.4	0.1	0.2%
96.3%	40.3	40.2	-0.1	-0.3%
97.5%	40.0	40.1	0.1	0.3%
98.8%	39.7	39.6	-0.1	-0.2%
100.0%	39.1	39.1	0.0	0.0%

Table SQ-38-7b

Clear Creek at Mouth, Monthly Temperature

Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.9	47.9	0.0	0.0%
1.2%	46.9	46.9	0.0	-0.1%
2.5%	46.8	46.7	-0.1	-0.2%
3.7%	46.4	46.4	0.0	0.0%
4.9%	46.2	46.2	0.0	-0.1%
6.2%	46.1	46.2	0.0	0.1%
7.4%	45.9	46.1	0.3	0.5%
8.6%	45.7	45.9	0.1	0.3%
9.9%	45.6	45.6	0.0	0.0%
11.1%	45.5	45.5	0.0	0.1%
12.3%	45.5	45.5	0.0	0.0%
13.6%	45.5	45.5	0.0	0.0%
14.8%	45.4	45.4	-0.1	-0.1%
16.0%	45.4	45.4	0.0	0.0%
17.3%	45.3	45.3	0.0	0.0%
18.5%	45.3	45.3	0.0	0.0%
19.8%	45.3	45.3	0.0	-0.1%
21.0%	45.2	45.3	0.1	0.1%
22.2%	45.1	45.2	0.1	0.2%
23.5%	45.1	45.2	0.0	0.1%
24.7%	45.1	45.1	0.1	0.1%
25.9%	45.0	45.1	0.1	0.1%
27.2%	45.0	45.1	0.1	0.2%
28.4%	44.9	45.0	0.1	0.2%
29.6%	44.9	45.0	0.1	0.2%
30.9%	44.9	44.9	0.1	0.2%
32.1%	44.9	44.9	0.0	0.0%
33.3%	44.8	44.9	0.0	0.1%
34.6%	44.8	44.8	0.0	0.1%
35.8%	44.8	44.8	0.1	0.1%
37.0%	44.7	44.8	0.0	0.1%
38.3%	44.7	44.8	0.0	0.1%
39.5%	44.7	44.7	0.0	0.0%
40.7%	44.6	44.7	0.1	0.2%
42.0%	44.6	44.6	0.0	0.0%
43.2%	44.6	44.6	0.0	0.0%
44.4%	44.6	44.6	0.0	0.0%
45.7%	44.5	44.6	0.1	0.1%
46.9%	44.4	44.6	0.1	0.3%
48.1%	44.3	44.5	0.3	0.6%
49.4%	44.3	44.4	0.2	0.4%
50.6%	44.2	44.3	0.1	0.1%
51.9%	44.2	44.3	0.1	0.2%
53.1%	44.2	44.2	0.1	0.2%
54.3%	44.1	44.2	0.1	0.2%
55.6%	44.1	44.2	0.1	0.2%
56.8%	44.1	44.1	0.1	0.2%
58.0%	44.1	44.1	0.0	0.1%
59.3%	44.0	44.1	0.0	0.1%
60.5%	44.0	44.0	0.0	0.1%
61.7%	43.9	44.0	0.1	0.3%
63.0%	43.9	43.9	0.0	0.1%
64.2%	43.8	43.9	0.0	0.1%
65.4%	43.8	43.8	0.0	0.0%
66.7%	43.8	43.8	0.0	0.1%
67.9%	43.7	43.8	0.0	0.1%
69.1%	43.6	43.6	0.0	0.0%
70.4%	43.6	43.6	-0.1	-0.2%
71.6%	43.5	43.5	0.0	0.0%
72.8%	43.5	43.5	0.0	0.0%
74.1%	43.5	43.5	0.0	0.0%
75.3%	43.4	43.5	0.0	0.1%
76.5%	43.4	43.4	0.0	0.0%
77.8%	43.4	43.4	0.0	0.0%
79.0%	43.4	43.4	0.0	0.1%
80.2%	43.3	43.3	-0.1	-0.2%
81.5%	43.2	43.2	0.0	0.0%
82.7%	43.1	43.2	0.1	0.1%
84.0%	42.9	42.9	0.0	0.0%
85.2%	42.9	42.9	0.0	0.0%
86.4%	42.9	42.9	0.0	0.0%
87.7%	42.9	42.8	0.0	0.0%
88.9%	42.9	42.8	0.0	0.0%
90.1%	42.8	42.8	0.0	-0.1%
91.4%	42.6	42.6	0.0	0.0%
92.6%	42.6	42.6	0.0	0.0%
93.8%	42.5	42.6	0.1	0.2%
95.1%	42.5	42.5	0.0	0.0%
96.3%	42.4	42.4	0.0	0.0%
97.5%	42.2	42.2	0.0	0.0%
98.8%	41.9	41.9	0.0	0.0%
100.0%	41.5	41.5	0.0	0.0%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	51.7	51.7	0.0	0.0%
1.2%	51.3	51.3	0.1	0.1%
2.5%	51.1	51.3	0.1	0.3%
3.7%	50.1	50.1	0.0	-0.1%
4.9%	50.0	50.0	0.0	-0.1%
6.2%	49.9	49.9	0.0	0.0%
7.4%	49.4	49.4	0.0	0.0%
8.6%	49.4	49.4	0.0	-0.1%
9.9%	49.4	49.3	-0.1	-0.3%
11.1%	49.3	49.2	-0.1	-0.2%
12.3%	49.2	49.0	-0.2	-0.4%
13.6%	49.2	48.9	-0.3	-0.6%
14.8%	49.1	48.9	-0.2	-0.4%
16.0%	49.0	48.8	-0.2	-0.4%
17.3%	49.0	48.8	-0.2	-0.4%
18.5%	48.8	48.7	-0.1	-0.2%
19.8%	48.8	48.7	-0.1	-0.2%
21.0%	48.7	48.6	0.0	-0.1%
22.2%	48.6	48.6	-0.1	-0.1%
23.5%	48.6	48.3	-0.3	-0.5%
24.7%	48.5	48.3	-0.2	-0.4%
25.9%	48.4	48.3	-0.1	-0.2%
27.2%	48.3	48.2	-0.1	-0.2%
28.4%	48.3	48.2	-0.1	-0.2%
29.6%	48.3	48.1	-0.2	-0.4%
30.9%	48.3	48.1	-0.2	-0.5%
32.1%	48.1	48.0	-0.1	-0.3%
33.3%	48.1	48.0	-0.1	-0.3%
34.6%	48.1	47.9	-0.1	-0.2%
35.8%	48.0	47.9	-0.1	-0.1%
37.0%	48.0	47.8	-0.2	-0.3%
38.3%	47.9	47.8	-0.1	-0.2%
39.5%	47.8	47.8	-0.1	-0.1%
40.7%	47.8	47.8	0.0	-0.1%
42.0%	47.8	47.7	-0.1	-0.1%
43.2%	47.7	47.7	0.0	0.0%
44.4%	47.6	47.6	0.0	0.0%
45.7%	47.6	47.5	0.0	0.0%
46.9%	47.5	47.5	0.0	0.0%
48.1%	47.5	47.5	0.0	0.0%
49.4%	47.5	47.5	0.0	0.0%
50.6%	47.2	47.3	0.0	0.1%
51.9%	47.2	47.2	0.0	0.0%
53.1%	47.2	47.2	0.0	0.0%
54.3%	47.2	47.2	0.0	0.0%
55.6%	47.1	47.1	0.0	0.0%
56.8%	47.1	47.1	0.0	0.0%
58.0%	47.0	47.1	0.1	0.2%
59.3%	47.0	47.0	0.0	0.0%
60.5%	47.0	47.0	0.0	0.0%
61.7%	47.0	47.0	0.0	0.0%
63.0%	46.9	46.9	0.0	-0.1%
64.2%	46.9	46.9	0.0	0.0%
65.4%	46.8	46.8	0.0	0.0%
66.7%	46.7	46.8	0.0	0.0%
67.9%	46.7	46.7	0.0	0.1%
69.1%	46.6	46.7	0.1	0.1%
70.4%	46.6	46.7	0.0	0.1%
71.6%	46.6	46.6	0.0	0.0%
72.8%	46.6	46.6	0.0	0.0%
74.1%	46.4	46.4	0.0	0.0%
75.3%	46.1	46.1	0.0	-0.1%
76.5%	46.1	46.1	0.0	0.1%
77.8%	46.0	46.0	0.0	0.0%
79.0%	46.0	46.0	0.0	0.0%
80.2%	46.0	46.0	0.0	0.0%
81.5%	46.0	46.0	0.0	0.0%
82.7%	46.0	45.9	0.0	0.0%
84.0%	45.9	45.9	0.0	-0.1%
85.2%	45.9	45.9	0.0	0.0%
86.4%	45.9	45.9	0.0	0.0%
87.7%	45.8	45.9	0.0	0.1%
88.9%	45.7	45.7	0.0	0.0%
90.1%	45.7	45.6	0.0	-0.1%
91.4%	45.6	45.6	0.0	0.0%
92.6%	45.4	45.6	0.1	0.3%
93.8%	45.4	45.4	0.0	0.1%
95.1%	45.4	45.4	0.0	0.1%
96.3%	45.3	45.3	0.0	0.0%
97.5%	45.2	45.2	0.0	0.1%
98.8%	45.0	44.9	0.0	-0.1%
100.0%	44.9	44.9	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	55.4	55.6	0.1	0.2%
1.2%	55.3	55.1	-0.1	-0.3%
2.5%	54.8	54.8	0.0	0.0%
3.7%	54.6	54.7	0.1	0.1%
4.9%	54.4	54.3	-0.1	-0.1%
6.2%	54.3	53.8	-0.5	-0.9%
7.4%	53.9	53.7	-0.2	-0.3%
8.6%	53.9	53.7	-0.2	-0.4%
9.9%	53.8	53.7	-0.2	-0.3%
11.1%	53.7	53.6	-0.1	-0.2%
12.3%	53.7	53.5	-0.2	-0.3%
13.6%	53.5	53.5	0.0	-0.1%
14.8%	53.5	53.4	-0.1	-0.1%
16.0%	53.4	53.4	0.0	-0.1%
17.3%	53.4	53.4	0.0	0.0%
18.5%	53.4	53.3	0.0	-0.1%
19.8%	53.3	53.2	-0.1	-0.2%
21.0%	53.2	53.2	0.0	0.0%
22.2%	53.1	52.8	-0.2	-0.5%
23.5%	52.5	52.8	0.3	0.5%
24.7%	52.4	52.5	0.1	0.3%
25.9%	52.3	52.1	-0.1	-0.2%
27.2%	52.2	52.1	-0.1	-0.2%
28.4%	52.2	52.0	-0.3	-0.5%
29.6%	52.1	51.9	-0.2	-0.4%
30.9%	52.1	51.9	-0.2	-0.4%
32.1%	52.1	51.9	-0.2	-0.4%
33.3%	52.0	51.9	-0.1	-0.2%
34.6%	51.9	51.8	-0.1	-0.2%
35.8%	51.8	51.8	0.0	-0.1%
37.0%	51.8	51.7	-0.1	-0.1%
38.3%	51.8	51.6	-0.1	-0.2%
39.5%	51.6	51.6	0.0	-0.1%
40.7%	51.6	51.6	0.0	0.0%
42.0%	51.6	51.6	0.0	0.0%
43.2%	51.6	51.6	0.0	0.0%
44.4%	51.6	51.6	0.0	0.0%
45.7%	51.4	51.5	0.1	0.2%
46.9%	51.4	51.4	0.0	0.0%
48.1%	51.3	51.4	0.1	0.1%
49.4%	51.2	51.3	0.1	0.2%
50.6%	51.2	51.2	0.0	0.0%
51.9%	51.2	51.2	0.0	0.0%
53.1%	51.1	51.2	0.1	0.1%
54.3%	51.1	51.1	0.0	0.0%
55.6%	51.1	51.1	0.0	0.0%
56.8%	51.1	51.1	0.0	0.0%
58.0%	51.1	51.0	0.0	0.0%
59.3%	50.9	51.0	0.1	0.2%
60.5%	50.9	50.9	0.0	0.1%
61.7%	50.8	50.9	0.1	0.2%
63.0%	50.6	50.6	0.0	0.0%
64.2%	50.6	50.6	-0.1	-0.2%
65.4%	50.6	50.5	-0.1	-0.2%
66.7%	50.6	50.4	-0.2	-0.4%
67.9%	50.5	50.2	-0.3	-0.7%
69.1%	50.4	50.1	-0.3	-0.5%
70.4%	50.2	50.0	-0.2	-0.5%
71.6%	50.2	50.0	-0.2	-0.5%
72.8%	50.2	50.0	-0.2	-0.5%
74.1%	50.1	49.9	-0.2	-0.5%
75.3%	50.0	49.8	-0.2	-0.4%
76.5%	49.9	49.8	-0.1	-0.1%
77.8%	49.8	49.8	0.0	-0.1%
79.0%	49.8	49.6	-0.2	-0.4%
80.2%	49.6	49.6	0.0	0.0%
81.5%	49.6	49.6	0.0	0.0%
82.7%	49.5	49.5	0.1	0.2%
84.0%	49.4	49.4	0.0	0.0%
85.2%	49.4	49.4	0.0	0.0%
86.4%	49.3	49.3	0.0	0.0%
87.7%	49.3	49.2	-0.1	-0.1%
88.9%	49.2	49.1	-0.1	-0.2%
90.1%	49.2	48.6	-0.6	-1.1%
91.4%	48.6	48.6	0.0	0.0%
92.6%	48.4	48.5	0.1	0.3%
93.8%	48.3	48.4	0.0	0.1%
95.1%	48.2	48.3	0.0	0.1%
96.3%	48.0	47.9	-0.1	-0.2%
97.5%	47.9	47.9	0.0	-0.1%
98.8%	46.5	46.6	0.0	0.1%
100.0%	46.4	46.4	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	58.5	58.5	0.0	0.0%
1.2%	58.5	58.5	0.0	0.0%
2.5%	58.5	58.5	0.0	0.0%
3.7%	57.8	57.8	0.0	0.0%
4.9%	57.8	57.6	-0.2	-0.3%
6.2%	57.6	57.5	-0.1	-0.2%
7.4%	57.5	57.4	-0.1	-0.2%
8.6%	57.4	57.4	0.0	0.0%
9.9%	57.1	57.2	0.1	0.2%
11.1%	57.1	57.1	0.1	0.1%
12.3%	57.0	57.0	0.0	0.0%
13.6%	57.0	57.0	0.0	0.0%
14.8%	57.0	57.0	0.0	0.0%
16.0%	56.9	56.9	0.0	0.0%
17.3%	56.9	56.9	0.0	0.0%
18.5%	56.7	56.7	0.0	0.0%
19.8%	56.5	56.7	0.2	0.3%
21.0%	56.5	56.5	0.0	0.0%
22.2%	56.3	56.4	0.1	0.2%
23.5%	56.3	56.4	0.1	0.2%
24.7%	56.2	56.3	0.0	0.0%
25.9%	56.2	56.2	0.0	0.1%
27.2%	56.1	56.1	0.0	0.1%
28.4%	56.0	56.1	0.0	0.0%
29.6%	56.0	56.0	0.0	0.0%
30.9%	56.0	55.9	-0.1	-0.2%
32.1%	55.9	55.9	0.0	0.0%
33.3%	55.9	55.8	-0.1	-0.1%
34.6%	55.8	55.8	0.0	0.0%
35.8%	55.7	55.7	-0.1	-0.1%
37.0%	55.7	55.6	-0.1	-0.2%
38.3%	55.6	55.6	0.0	0.0%
39.5%	55.5	55.5	0.0	0.0%
40.7%	55.2	55.4	0.1	0.3%
42.0%	55.2	55.2	0.0	0.0%
43.2%	55.1	55.2	0.1	0.1%
44.4%	54.9	55.1	0.2	0.4%
45.7%	54.9	55.0	0.0	0.0%
46.9%	54.9	54.9	0.0	0.0%
48.1%	54.9	54.9	0.0	0.0%
49.4%	54.9	54.8	-0.1	-0.1%
50.6%	54.8	54.8	-0.1	-0.1%
51.9%	54.8	54.8	0.0	0.0%
53.1%	54.8	54.7	0.0	0.0%
54.3%	54.7	54.7	0.0	0.0%
55.6%	54.7	54.7	0.0	-0.1%
56.8%	54.7	54.7	0.0	0.0%
58.0%	54.6	54.6	0.0	0.0%
59.3%	54.6	54.6	0.0	0.0%
60.5%	54.4	54.4	0.0	0.0%
61.7%	54.4	54.4	0.0	0.0%
63.0%	54.4	54.3	-0.1	-0.1%
64.2%	54.3	54.3	0.0	-0.1%
65.4%	54.2	54.1	-0.2	-0.4%
66.7%	54.1	54.0	-0.1	-0.2%
67.9%	54.1	54.0	-0.1	-0.1%
69.1%	54.1	54.0	-0.1	-0.1%
70.4%	53.9	53.9	-0.1	-0.1%
71.6%	53.9	53.9	0.0	0.0%
72.8%	53.7	53.7	0.0	0.0%
74.1%	53.7	53.7	0.0	0.1%
75.3%	53.6	53.7	0.1	0.2%
76.5%	53.4	53.4	0.0	0.0%
77.8%	53.4	53.4	0.0	0.0%
79.0%	53.4	53.4	0.0	-0.1%
80.2%	53.2	53.2	0.0	0.0%
81.5%	52.9	53.0	0.1	0.1%
82.7%	52.9	52.8	-0.2	-0.3%
84.0%	52.9	52.7	-0.2	-0.3%
85.2%	52.7	52.7	0.0	0.0%
86.4%	52.7	52.7	0.0	0.0%
87.7%	52.5	52.6	0.0	0.0%
88.9%	52.5	52.5	0.0	0.0%
90.1%	52.3	52.3	-0.1	-0.1%
91.4%	52.1	52.2	0.1	0.2%
92.6%	52.1	52.1	0.0	0.1%
93.8%	51.8	52.1	0.2	0.5%
95.1%	51.1	51.2	0.1	0.2%
96.3%	50.9	50.9	0.0	0.0%
97.5%	50.8	50.8	0.0	0.0%
98.8%	50.1	50.1	0.0	0.1%
100.0%	49.7	49.7	0.0	0.0%

Table SQ-38-7b

Clear Creek at Mouth, Monthly Temperature
Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.8	65.4	-0.4	-0.6%
1.2%	65.1	64.9	-0.2	-0.3%
2.5%	64.9	64.8	-0.1	-0.2%
3.7%	64.8	64.4	-0.4	-0.6%
4.9%	64.4	64.2	-0.3	-0.4%
6.2%	64.2	63.7	-0.5	-0.8%
7.4%	63.8	63.7	-0.1	-0.2%
8.6%	63.7	63.6	-0.1	-0.1%
9.9%	63.2	63.1	-0.1	-0.2%
11.1%	62.9	62.9	0.0	0.0%
12.3%	62.8	62.7	-0.1	-0.2%
13.6%	62.6	62.6	0.0	0.0%
14.8%	61.6	61.5	0.0	-0.1%
16.0%	61.5	61.5	0.0	0.0%
17.3%	61.3	61.3	-0.1	-0.1%
18.5%	61.3	61.3	0.0	0.0%
19.8%	61.2	61.2	0.0	0.0%
21.0%	60.9	61.0	0.0	0.0%
22.2%	60.8	60.6	-0.2	-0.3%
23.5%	60.6	60.6	0.0	0.0%
24.7%	60.6	60.6	0.0	0.0%
25.9%	60.6	60.6	0.0	0.0%
27.2%	60.4	60.5	0.1	0.1%
28.4%	60.3	60.5	0.2	0.3%
29.6%	60.1	60.4	0.3	0.6%
30.9%	60.1	60.3	0.2	0.3%
32.1%	60.0	60.1	0.1	0.2%
33.3%	59.8	60.0	0.2	0.3%
34.6%	59.8	59.9	0.1	0.1%
35.8%	59.7	59.8	0.2	0.3%
37.0%	59.6	59.8	0.2	0.3%
38.3%	59.6	59.7	0.1	0.1%
39.5%	59.5	59.7	0.2	0.3%
40.7%	59.5	59.6	0.1	0.2%
42.0%	59.4	59.5	0.1	0.1%
43.2%	59.3	59.5	0.2	0.3%
44.4%	59.2	59.4	0.2	0.4%
45.7%	59.2	59.4	0.2	0.3%
46.9%	59.0	59.4	0.4	0.6%
48.1%	58.9	59.2	0.3	0.6%
49.4%	58.9	59.0	0.1	0.2%
50.6%	58.9	58.8	0.0	-0.1%
51.9%	58.8	58.8	0.0	-0.1%
53.1%	58.8	58.8	0.0	0.0%
54.3%	58.8	58.7	-0.1	-0.1%
55.6%	58.7	58.7	0.0	0.0%
56.8%	58.6	58.6	0.1	0.1%
58.0%	58.5	58.5	0.0	0.0%
59.3%	58.3	58.5	0.2	0.3%
60.5%	58.3	58.3	0.0	0.0%
61.7%	58.2	58.1	-0.1	-0.1%
63.0%	58.0	58.0	-0.1	-0.1%
64.2%	57.9	58.0	0.1	0.1%
65.4%	57.9	57.9	0.0	0.0%
66.7%	57.7	57.8	0.1	0.1%
67.9%	57.7	57.7	-0.1	-0.1%
69.1%	57.6	57.6	0.0	0.0%
70.4%	57.5	57.5	0.0	-0.1%
71.6%	57.5	57.5	0.0	0.0%
72.8%	57.5	57.3	-0.1	-0.2%
74.1%	57.4	57.3	-0.1	-0.1%
75.3%	57.4	57.1	-0.2	-0.4%
76.5%	57.3	57.0	-0.3	-0.5%
77.8%	57.2	57.0	-0.2	-0.4%
79.0%	56.9	56.9	0.0	0.0%
80.2%	56.9	56.8	-0.1	-0.2%
81.5%	56.8	56.7	0.0	-0.1%
82.7%	56.7	56.6	-0.1	-0.2%
84.0%	56.5	56.5	0.0	0.0%
85.2%	56.3	56.3	0.0	0.0%
86.4%	56.3	56.3	0.0	0.0%
87.7%	56.3	56.3	0.0	-0.1%
88.9%	56.0	56.1	0.1	0.1%
90.1%	55.9	56.1	0.2	0.4%
91.4%	55.8	55.9	0.1	0.2%
92.6%	55.8	55.9	0.1	0.2%
93.8%	55.2	55.2	0.0	0.1%
95.1%	54.7	54.5	-0.2	-0.3%
96.3%	54.5	54.5	0.0	0.0%
97.5%	54.5	54.1	-0.4	-0.7%
98.8%	53.4	53.4	0.0	0.0%
100.0%	51.9	51.9	0.0	0.0%

July				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	83.4	83.0	-0.4	-0.5%
1.2%	72.2	72.4	0.2	0.3%
2.5%	71.5	71.4	-0.1	-0.1%
3.7%	70.9	71.1	0.1	0.2%
4.9%	70.6	70.5	0.0	0.0%
6.2%	69.2	69.3	0.1	0.1%
7.4%	68.8	68.2	-0.7	-1.0%
8.6%	68.6	68.1	-0.5	-0.7%
9.9%	68.1	68.0	-0.1	-0.2%
11.1%	68.0	67.9	-0.1	-0.2%
12.3%	67.9	67.9	0.0	0.0%
13.6%	67.9	67.8	0.0	0.0%
14.8%	67.7	67.7	0.0	0.0%
16.0%	67.6	67.4	-0.1	-0.2%
17.3%	67.5	67.3	-0.2	-0.3%
18.5%	67.4	67.2	-0.2	-0.3%
19.8%	67.4	67.0	-0.4	-0.6%
21.0%	67.4	67.0	-0.4	-0.6%
22.2%	67.4	66.9	-0.4	-0.6%
23.5%	67.3	66.7	-0.6	-0.9%
24.7%	67.1	66.7	-0.4	-0.5%
25.9%	66.8	66.7	-0.1	-0.2%
27.2%	66.8	66.6	-0.1	-0.2%
28.4%	66.8	66.6	-0.1	-0.2%
29.6%	66.7	66.6	-0.1	-0.2%
30.9%	66.7	66.5	-0.1	-0.2%
32.1%	66.6	66.5	-0.1	-0.2%
33.3%	66.6	66.5	-0.1	-0.2%
34.6%	66.6	66.5	-0.1	-0.1%
35.8%	66.5	66.4	-0.2	-0.3%
37.0%	66.5	66.3	-0.2	-0.3%
38.3%	66.4	66.1	-0.3	-0.4%
39.5%	66.4	66.1	-0.3	-0.4%
40.7%	66.3	66.1	-0.2	-0.3%
42.0%	66.1	66.1	0.0	0.0%
43.2%	66.0	65.9	-0.1	-0.2%
44.4%	65.6	65.9	0.2	0.4%
45.7%	65.6	65.7	0.2	0.2%
46.9%	65.5	65.7	0.2	0.4%
48.1%	65.4	65.5	0.2	0.2%
49.4%	65.2	65.3	0.1	0.1%
50.6%	65.2	65.2	0.1	0.1%
51.9%	65.1	65.2	0.1	0.1%
53.1%	64.9	65.1	0.2	0.2%
54.3%	64.9	65.1	0.2	0.3%
55.6%	64.9	65.1	0.2	0.3%
56.8%	64.7	65.0	0.3	0.4%
58.0%	64.7	64.6	-0.1	-0.1%
59.3%	64.6	64.6	0.0	-0.1%
60.5%	64.6	64.5	-0.1	-0.2%
61.7%	64.6	64.5	-0.1	-0.1%
63.0%	64.5	64.5	0.0	-0.1%
64.2%	64.5	64.4	0.0	-0.1%
65.4%	64.5	64.4	-0.1	-0.1%
66.7%	64.4	64.4	-0.1	-0.1%
67.9%	64.3	64.3	0.0	0.1%
69.1%	64.2	64.3	0.0	0.0%
70.4%	64.2	64.2	0.0	0.0%
71.6%	64.2	64.2	0.0	0.0%
72.8%	64.2	64.2	0.0	0.0%
74.1%	64.2	64.2	0.0	0.0%
75.3%	64.1	64.0	-0.1	-0.1%
76.5%	63.9	64.0	0.1	0.1%
77.8%	63.8	63.9	0.1	0.1%
79.0%	63.7	63.8	0.0	0.1%
80.2%	63.3	63.7	0.5	0.7%
81.5%	63.2	63.3	0.1	0.2%
82.7%	63.0	63.2	0.3	0.4%
84.0%	62.8	63.1	0.4	0.6%
85.2%	62.8	63.0	0.2	0.3%
86.4%	62.7	62.7	-0.1	-0.1%
87.7%	62.6	62.6	0.0	0.0%
88.9%	62.2	62.5	0.3	0.5%
90.1%	62.0	61.9	-0.1	-0.1%
91.4%	61.7	61.7	0.0	0.0%
92.6%	61.7	61.7	0.0	0.0%
93.8%	61.2	61.2	0.0	0.0%
95.1%	61.1	61.2	0.1	0.1%
96.3%	60.7	60.7	0.0	0.0%
97.5%	60.5	60.6	0.2	0.3%
98.8%	59.5	59.3	-0.1	-0.2%
100.0%	59.3	59.1	-0.1	-0.2%

August				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	74.0	74.1	0.1	0.1%
1.2%	69.6	69.5	-0.2	-0.2%
2.5%	68.6	67.3	-1.3	-1.9%
3.7%	67.7	66.9	-0.7	-1.1%
4.9%	66.8	66.2	-0.7	-1.0%
6.2%	66.6	66.2	-0.4	-0.6%
7.4%	66.5	66.0	-0.5	-0.7%
8.6%	66.3	66.0	-0.3	-0.5%
9.9%	66.3	66.0	-0.3	-0.5%
11.1%	66.2	65.8	-0.4	-0.6%
12.3%	66.2	65.4	-0.8	-1.2%
13.6%	65.8	65.2	-0.5	-0.8%
14.8%	65.1	65.0	-0.1	-0.2%
16.0%	65.0	65.0	0.0	0.0%
17.3%	65.0	65.0	0.0	0.0%
18.5%	64.9	64.9	0.0	0.0%
19.8%	64.9	64.9	0.0	-0.1%
21.0%	64.8	64.8	-0.1	-0.1%
22.2%	64.8	64.7	-0.1	-0.1%
23.5%	64.7	64.7	0.0	0.0%
24.7%	64.7	64.6	-0.1	-0.1%
25.9%	64.7	64.6	-0.1	-0.2%
27.2%	64.7	64.5	-0.1	-0.2%
28.4%	64.7	64.3	-0.3	-0.5%
29.6%	64.7	64.3	-0.3	-0.5%
30.9%	64.7	64.2	-0.4	-0.7%
32.1%	64.3	64.2	-0.2	-0.3%
33.3%	64.2	64.1	-0.1	-0.1%
34.6%	63.9	64.0	0.1	0.1%
35.8%	63.9	64.0	0.1	0.1%
37.0%	63.8	64.0	0.1	0.2%
38.3%	63.8	63.9	0.1	0.2%
39.5%	63.7	63.8	0.0	0.0%
40.7%	63.7	63.7	0.0	0.1%
42.0%	63.5	63.6	0.1	0.2%
43.2%	63.5	63.5	0.0	0.0%
44.4%	63.3	63.5	0.1	0.2%
45.7%	63.3	63.4	0.1	0.1%
46.9%	63.3	63.3	0.0	0.0%
48.1%	63.2	63.2	0.0	0.1%
49.4%	63.2	63.2	0.0	0.1%
50.6%	63.1	63.1	0.0	0.0%
51.9%	63.1	63.1	0.0	0.0%
53.1%	63.0	63.0	0.0	0.0%
54.3%	62.8	63.0	0.1	0.2%
55.6%	62.8	63.0	0.1	0.2%
56.8%	62.8	62.9	0.1	0.1%
58.0%	62.8	62.9	0.1	0.1%
59.3%	62.8	62.8	0.0	0.1%
60.5%	62.8	62.8	0.0	0.0%
61.7%	62.7	62.8	0.0	0.0%
63.0%	62.7	62.8	0.1	0.1%
64.2%	62.7	62.7	0.1	0.1%
65.4%	62.4	62.6	0.3	0.4%
66.7%	62.4	62.6	0.2	0.3%
67.9%	62.3	62.5	0.2	0.3%
69.1%	62.1	62.5	0.3	0.5%
70.4%	62.1	62.4	0.3	0.5%
71.6%	62.0	62.3	0.3	0.5%
72.8%	62.0	62.3	0.3	0.4%
74.1%	61.9	62.1	0.2	0.3%
75.3%	61.7	62.0	0.3	0.5%
76.5%	61.6	61.8	0.2	0.3%
77.8%	61.5	61.7	0.2	0.3%
79.0%	61.4	61.6	0.2	0.4%
80.2%	61.3	61.5	0.2	0.3%
81.5%	61.2	61.5	0.2	0.4%
82.7%	61.2	61.5	0.2	0.4%
84.0%	61.0	61.4	0.4	0.7%
85.2%	61.0	61.3	0.4	0.6%
86.4%	60.8	61.3	0.5	0.8%
87.7%	60.7	61.3	0.6	0.9%
88.9%	60.6	61.2	0.6	0.9%
90.1%	60.6	61.2	0.6	1.0%
91.4%	60.6	61.0	0.4	0.6%
92.6%	60.4	60.7	0.3	0.5%
93.8%	60.2	60.2	0.0	0.0%
95.1%	60.0	60.2	0.1	0.2%
96.3%	59.6	59.6	0.0	0.0%
97.5%	59.5	59.6	0.1	0.1%
98.8%	59.5	59.5	0.0	0.0%
100.0%	59.1	59.4	0.3	0.5%

September				
Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.2	63.3	-2.9	-4.4%
1.2%	63.9	62.9	-1.0	-1.6%
2.5%	63.1	62.5	-0.6	-0.9%
3.7%	63.1	62.2	-0.9	-1.4%
4.9%	62.4	61.7	-0.7	-1.1%
6.2%	61.9	60.4	-1.5	-2.4%
7.4%	61.3	60.1	-1.3	-2.0%
8.6%	61.0	59.8	-1.2	-2.0%
9.9%	61.0	59.7	-1.3	-2.1%
11.1%	60.4	59.5	-0.8	-1.3%
12.3%	60.3	59.4	-0.9	-1.5%
13.6%	60.1	59.2	-0.8	-1.4%
14.8%	59.7	58.8	-0.9	-1.5%
16.0%	59.2	58.4	-0.8	-1.4%
17.3%	58.8	58.3	-0.4	-0.8%
18.5%	58.5	58.2	-0.3	-0.5%
19.8%	58.2	58.1	-0.1	-0.2%
21.0%	58.2	58.1	-0.1	-0.2%
22.2%	58.1	58.0	-0.1	-0.2%
23.5%	58.0	57.8	-0.3	-0.5%
24.7%	57.9	57.7	-0.2	-0.4%
25.9%	57.7	57.6	-0.1	-0.2%
27.2%	57.6	57.5	-0.2	-0.3%
28.4%	57.6	57.4	-0.1	-0.2%
29.6%	57.5	57.4	-0.1	-0.1%
30.9%	57.5	57.4	-0.1	-0.2%
32.1%	57.5	57.3	-0.1	-0.2%
33.3%	57.3	57.3	0.0	0.0%
34.6%	57.2	57.2	-0.1	-0.1%
35.8%	57.2	57.0	-0.2	-0.3%
37.0%	57.0	56.9	-0.1	-0.1%
38.3%	56.8	56.9	0.0	0.0%
39.5%	56.8	56.9	0.0	0.1%
40.7%	56.7	56.7	0.0	0.0%
42.0%	56.6	56.6	0.0	-0.1%
43.2%	56.6	56.6	0.0	0.0%
44.4%	56.6	56.6	0.0	0.0%
45.7%	56.5	56.5	0.0	0.0%
46.9%	56.5	56.5	0.0	-0.1%
48.1%	56.5	56.4	-0.1	-0.1%
49.4%	56.5	56.4	-0.1	-0.2%
50.6%	56.5	56.4	-0.1	-0.2%
51.9%	56.4	56.3	-0.1	-0.2%
53.1%	56.4	56.3	-0.1	-0.2%
54.3%	56.4	56.2	-0.2	-0.3%
55.6%	56.4	56.1	-0.2	-0.4%
56.8%	56.3	56.1	-0.2	-0.4%
58.0%	56.2	56.0	-0.2	-0.4%
59.3%	56.2	56.0	-0.3	-0.5%
60.5%	56.1	55.9	-0.2	-0.3%
61.7%	56.0	55.9	-0.1	-0.1%
63.0%	56.0	55.9	-0.1	-0.1%
64.2%	55.9	55.9	-0.1	-0.1%
65.4%	55.9	55.9	-0.1	-0.1%
66.7%	55.9	55.8	-0.1	-0.1%
67.9%	55.8	55.8	0.0	0.0%
69.1%	55.8	55.7	-0.1	-0.2%
70.4%	55.8	55.7	-0.1	-0.1%
71.6%	55.7	55.7	0.0	0.0%
72.8%	55.7	55.7	0.0	0.0%
74.1%	55.6	55.7	0.1	0.1%
75.3%	55.5	55.6	0.1	0.2%
76.5%	55.5	55.6	0.1	0.2%
77.8%	55.5	55.5	0.1	0.2%
79.0%	55.4	55.5	0.1	0.2%
80.2%	55.4	55.5	0.1	0.2%
81.5%	55.4	55.4	0.1	0.2%
82.7%	55.3	55.4	0.1	0.2%
84.0%	55.2	55.3	0.0	0.0%
85.2%	55.1	55.2	0.1	0.2%
86.4%	55.0	55.2	0.1	0.2%
87.7%	55.0	55.1	0.1	0.1%
88.9%	55.0	55.1	0.1	0.1%
90.1%	54.9	55.1	0.2	0.3%
91.4%	54.8	54.7	-0.1	-0.1%
92.6%	54.6	54.5	-0.1	-0.1%
93.8%	54.4	54.4	0.0	0.0%
95.1%	54.4	54.4	0.1	0.1%
96.3%	54.3	54.4	0.1	0.1%
97.5%	54.3	54.3	0.0	0.0%
98.8%	53.9	53.9	0.0	0.0%
100.0%	53.8	53.8	0.0	0.0%

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Alternative D Compared to No Action Alternative

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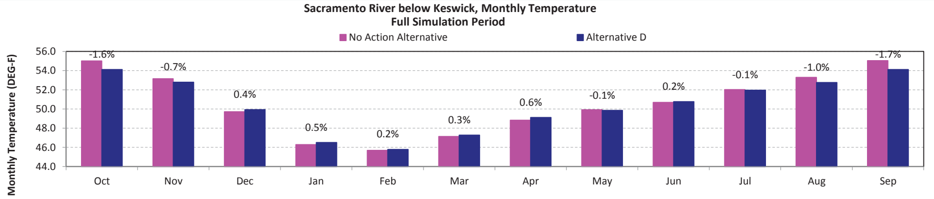
Table SQ-02-9a
Sacramento River below Keswick, Monthly Temperature
Long-term Average and Average by Water Year Type

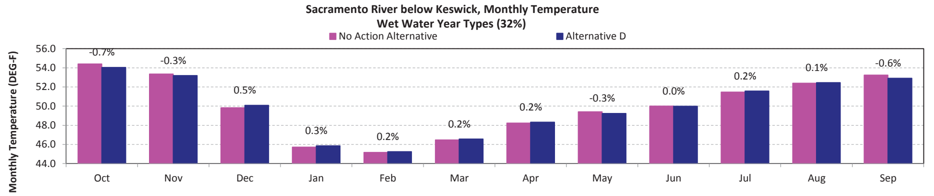
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	55.0	53.2	49.7	46.3	45.7	47.1	48.8	49.9	50.7	52.0	53.3	55.0
Alternative D	54.1	52.8	49.9	46.5	45.8	47.3	49.1	49.9	50.8	52.0	52.8	54.1
Difference	-0.9	-0.4	0.2	0.2	0.1	0.1	0.3	-0.1	0.1	-0.1	-0.5	-0.9
Percent Difference[3]	-1.6%	-0.7%	0.4%	0.5%	0.2%	0.3%	0.6%	-0.1%	0.2%	-0.1%	-1.0%	-1.7%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	54.4	53.3	49.8	45.7	45.2	46.5	48.2	49.4	50.0	51.5	52.4	53.2
Alternative D	54.0	53.2	50.1	45.9	45.2	46.6	48.3	49.2	50.0	51.6	52.5	52.9
Difference	-0.4	-0.2	0.2	0.1	0.1	0.1	0.1	-0.2	0.0	0.1	0.1	-0.3
Percent Difference	-0.7%	-0.3%	0.5%	0.3%	0.2%	0.2%	0.2%	-0.3%	0.0%	0.2%	0.1%	-0.6%
Above Normal (15%)												
No Action Alternative	53.5	52.7	50.0	46.2	45.6	47.2	48.9	49.8	49.8	51.1	52.7	53.7
Alternative D	52.9	52.4	50.3	46.4	45.7	47.3	49.1	49.7	49.9	51.1	52.7	53.1
Difference	-0.6	-0.3	0.2	0.2	0.1	0.1	0.2	-0.1	0.2	0.0	0.0	-0.5
Percent Difference	-1.1%	-0.5%	0.5%	0.5%	0.2%	0.2%	0.4%	-0.2%	0.3%	0.1%	0.0%	-1.0%
Below Normal (17%)												
No Action Alternative	53.1	52.4	49.9	46.6	45.6	47.0	49.0	49.8	50.3	51.4	52.1	53.8
Alternative D	52.4	52.0	50.0	46.7	45.7	47.0	49.2	49.7	50.4	51.4	52.1	53.2
Difference	-0.7	-0.4	0.1	0.1	0.0	0.0	0.3	-0.1	0.1	0.0	-0.1	-0.6
Percent Difference	-1.3%	-0.8%	0.2%	0.3%	0.1%	0.1%	0.5%	-0.2%	0.3%	0.1%	-0.2%	-1.1%
Dry (22%)												
No Action Alternative	55.3	53.5	49.8	46.8	46.0	47.6	49.0	49.8	50.9	51.7	53.2	55.5
Alternative D	53.8	52.7	49.8	47.0	46.2	47.8	49.5	49.9	51.2	51.8	52.4	54.2
Difference	-1.5	-0.8	0.0	0.2	0.1	0.2	0.5	0.1	0.3	0.1	-0.7	-1.3
Percent Difference	-2.8%	-1.5%	0.0%	0.5%	0.2%	0.5%	1.0%	0.3%	0.5%	0.2%	-1.4%	-2.3%
Critical (15%)												
No Action Alternative	59.6	53.6	48.8	46.6	46.4	48.1	49.7	51.5	53.2	55.5	57.4	61.1
Alternative D	57.9	53.3	49.4	47.0	46.7	48.3	50.1	51.4	53.0	54.5	54.9	58.6
Difference	-1.7	-0.2	0.6	0.4	0.3	0.2	0.4	-0.1	-0.1	-0.9	-2.6	-2.5
Percent Difference	-2.8%	-0.4%	1.2%	0.9%	0.6%	0.5%	0.9%	-0.1%	-0.2%	-1.7%	-4.5%	-4.1%

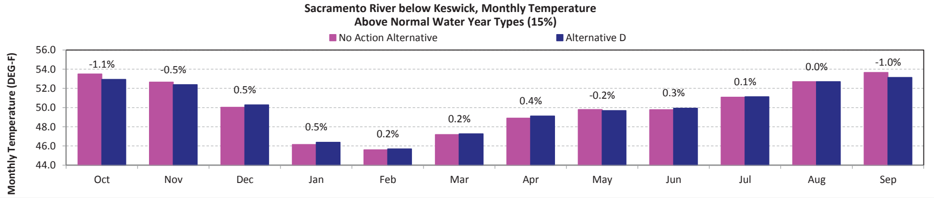
1 Based on the 82-year simulation period

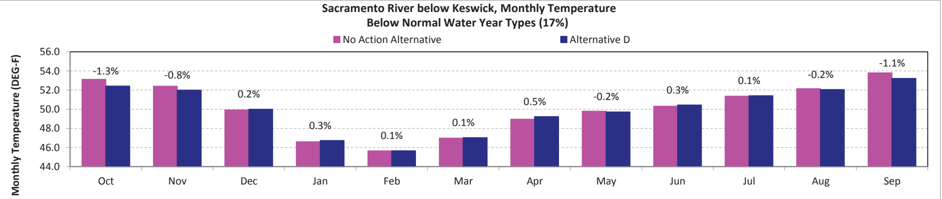
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

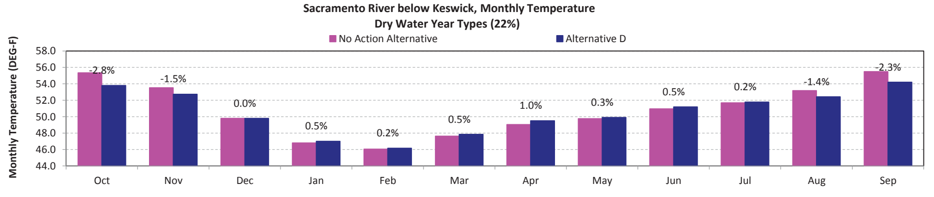
3 Relative difference of the monthly average


Sacramento River below Keswick, Monthly Temperature
Full Simulation Period


Sacramento River below Keswick, Monthly Temperature
Wet Water Year Types (32%)


Sacramento River below Keswick, Monthly Temperature
Above Normal Water Year Types (15%)


Sacramento River below Keswick, Monthly Temperature
Below Normal Water Year Types (17%)


Sacramento River below Keswick, Monthly Temperature
Dry Water Year Types (22%)

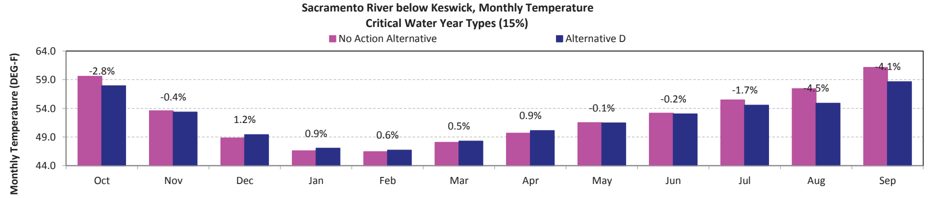

Sacramento River below Keswick, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-02-9b
Sacramento River below Keswick, Monthly Temperature
Probability of Exceedance

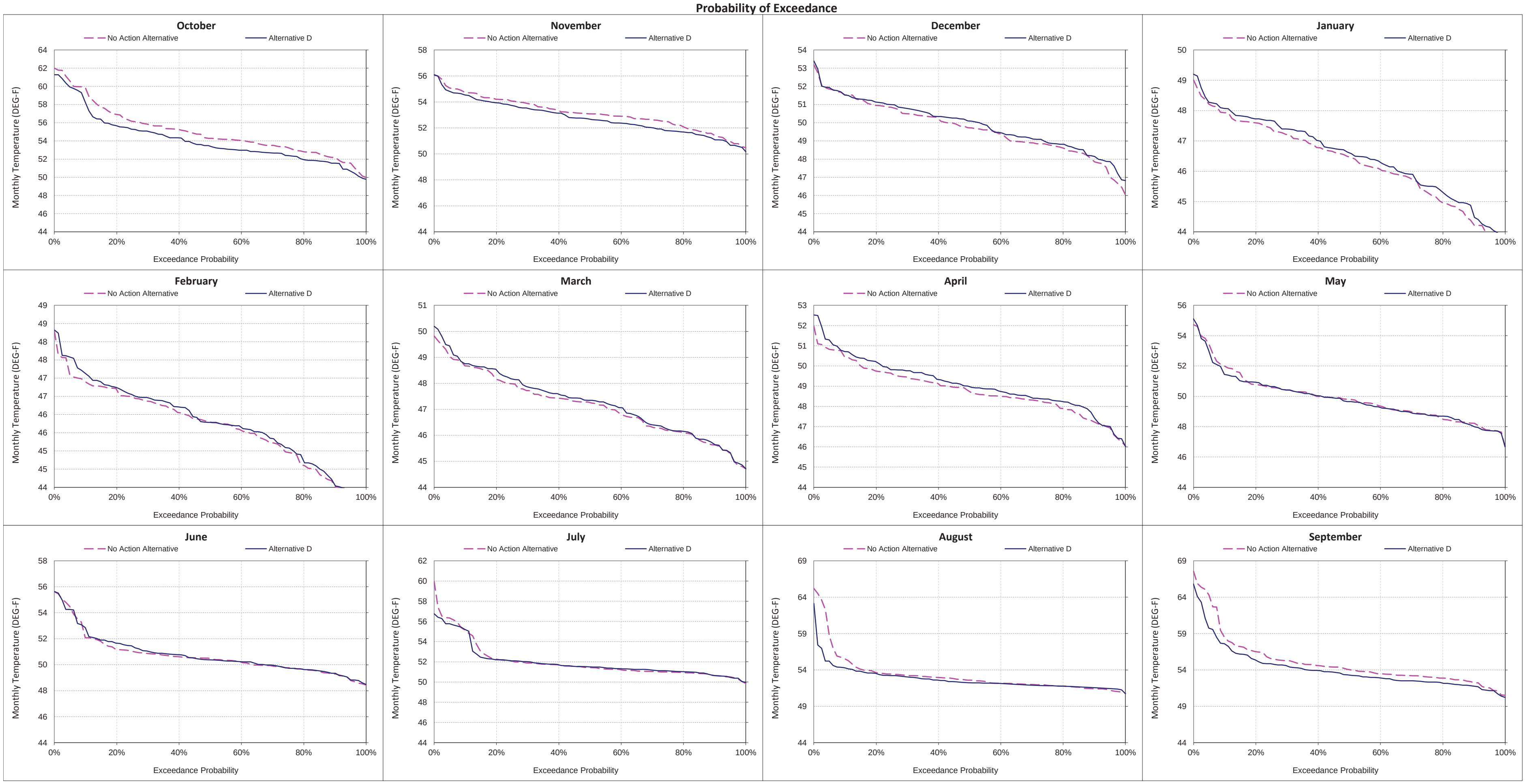


Table SQ-02-9b

Sacramento River below Keswick, Monthly Temperature

Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	62.0	61.3	-0.7	-1.2%
1.2%	61.8	61.3	-0.5	-0.8%
2.5%	61.8	60.8	-0.9	-1.5%
3.7%	61.1	60.4	-0.7	-1.2%
4.9%	60.6	59.9	-0.7	-1.1%
6.2%	60.0	59.8	-0.2	-0.4%
7.4%	60.0	59.6	-0.4	-0.7%
8.6%	60.0	59.3	-0.6	-1.1%
9.9%	59.9	58.3	-1.6	-2.7%
11.1%	58.9	57.3	-1.5	-2.6%
12.3%	58.5	56.6	-1.8	-3.1%
13.6%	58.0	56.4	-1.6	-2.8%
14.8%	57.7	56.4	-1.3	-2.3%
16.0%	57.6	56.0	-1.6	-2.8%
17.3%	57.3	56.0	-1.3	-2.3%
18.5%	57.0	55.8	-1.3	-2.2%
19.8%	56.9	55.7	-1.2	-2.2%
21.0%	56.9	55.5	-1.3	-2.3%
22.2%	56.5	55.5	-1.0	-1.7%
23.5%	56.3	55.5	-0.9	-1.6%
24.7%	56.2	55.3	-0.9	-1.5%
25.9%	56.1	55.3	-0.8	-1.5%
27.2%	56.1	55.1	-0.9	-1.7%
28.4%	55.9	55.1	-0.8	-1.5%
29.6%	55.9	55.1	-0.8	-1.4%
30.9%	55.8	55.0	-0.8	-1.4%
32.1%	55.6	54.9	-0.8	-1.4%
33.3%	55.6	54.7	-0.9	-1.6%
34.6%	55.6	54.7	-0.9	-1.7%
35.8%	55.4	54.5	-0.8	-1.5%
37.0%	55.3	54.4	-1.0	-1.8%
38.3%	55.3	54.4	-1.0	-1.7%
39.5%	55.3	54.3	-0.9	-1.7%
40.7%	55.2	54.3	-0.9	-1.6%
42.0%	55.1	53.9	-1.2	-2.1%
43.2%	55.0	53.9	-1.0	-1.9%
44.4%	54.9	53.8	-1.1	-2.0%
45.7%	54.7	53.6	-1.1	-2.1%
46.9%	54.7	53.6	-1.1	-2.1%
48.1%	54.4	53.5	-0.9	-1.6%
49.4%	54.3	53.5	-0.8	-1.4%
50.6%	54.3	53.4	-0.9	-1.7%
51.9%	54.2	53.2	-1.0	-1.8%
53.1%	54.2	53.2	-1.0	-1.9%
54.3%	54.2	53.1	-1.0	-1.9%
55.6%	54.2	53.1	-1.1	-2.0%
56.8%	54.2	53.1	-1.1	-2.0%
58.0%	54.1	53.0	-1.1	-2.0%
59.3%	54.1	53.0	-1.1	-2.0%
60.5%	54.0	53.0	-1.1	-2.0%
61.7%	54.0	53.0	-1.0	-1.8%
63.0%	53.9	52.8	-1.0	-1.9%
64.2%	53.9	52.8	-1.0	-1.9%
65.4%	53.7	52.8	-0.9	-1.7%
66.7%	53.6	52.8	-0.8	-1.6%
67.9%	53.5	52.7	-0.8	-1.5%
69.1%	53.5	52.7	-0.8	-1.5%
70.4%	53.5	52.7	-0.8	-1.5%
71.6%	53.4	52.7	-0.7	-1.4%
72.8%	53.4	52.6	-0.7	-1.3%
74.1%	53.4	52.4	-1.0	-1.8%
75.3%	53.2	52.4	-0.8	-1.6%
76.5%	53.1	52.3	-0.7	-1.4%
77.8%	52.9	52.3	-0.6	-1.2%
79.0%	52.9	52.0	-0.9	-1.6%
80.2%	52.8	51.9	-0.9	-1.6%
81.5%	52.8	51.9	-0.9	-1.7%
82.7%	52.7	51.9	-0.9	-1.7%
84.0%	52.7	51.8	-0.9	-1.7%
85.2%	52.5	51.8	-0.8	-1.5%
86.4%	52.4	51.7	-0.7	-1.2%
87.7%	52.3	51.7	-0.6	-1.1%
88.9%	52.2	51.6	-0.6	-1.2%
90.1%	52.2	51.6	-0.6	-1.2%
91.4%	51.8	51.5	-0.3	-0.6%
92.6%	51.6	50.9	-0.7	-1.4%
93.8%	51.6	50.9	-0.7	-1.4%
95.1%	51.5	50.7	-0.9	-1.7%
96.3%	51.0	50.4	-0.6	-1.2%
97.5%	50.6	50.1	-0.5	-0.9%
98.8%	50.1	49.9	-0.3	-0.5%
100.0%	50.0	49.8	0.0	-0.4%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.1	56.1	0.0	0.0%
1.2%	56.0	56.0	0.0	0.0%
2.5%	55.7	55.3	-0.4	-0.7%
3.7%	55.3	54.9	-0.3	-0.6%
4.9%	55.1	54.8	-0.3	-0.5%
6.2%	55.0	54.7	-0.3	-0.6%
7.4%	55.0	54.7	-0.3	-0.6%
8.6%	54.9	54.6	-0.3	-0.5%
9.9%	54.7	54.5	-0.2	-0.3%
11.1%	54.7	54.5	-0.2	-0.4%
12.3%	54.7	54.3	-0.4	-0.6%
13.6%	54.7	54.2	-0.5	-0.9%
14.8%	54.4	54.1	-0.3	-0.5%
16.0%	54.3	54.1	-0.2	-0.5%
17.3%	54.3	54.0	-0.3	-0.5%
18.5%	54.3	54.0	-0.3	-0.6%
19.8%	54.2	53.9	-0.3	-0.5%
21.0%	54.2	53.9	-0.3	-0.5%
22.2%	54.2	53.8	-0.3	-0.6%
23.5%	54.2	53.8	-0.4	-0.7%
24.7%	54.1	53.7	-0.3	-0.6%
25.9%	54.0	53.7	-0.4	-0.7%
27.2%	54.0	53.6	-0.4	-0.7%
28.4%	54.0	53.5	-0.4	-0.8%
29.6%	53.9	53.5	-0.4	-0.7%
30.9%	53.8	53.5	-0.4	-0.7%
32.1%	53.8	53.4	-0.4	-0.8%
33.3%	53.6	53.4	-0.3	-0.5%
34.6%	53.6	53.4	-0.3	-0.5%
35.8%	53.6	53.3	-0.3	-0.6%
37.0%	53.5	53.2	-0.2	-0.4%
38.3%	53.4	53.2	-0.3	-0.5%
39.5%	53.4	53.1	-0.2	-0.4%
40.7%	53.2	53.1	-0.1	-0.2%
42.0%	53.2	53.0	-0.2	-0.4%
43.2%	53.2	52.8	-0.4	-0.8%
44.4%	53.2	52.8	-0.4	-0.7%
45.7%	53.1	52.8	-0.4	-0.7%
46.9%	53.1	52.8	-0.4	-0.7%
48.1%	53.1	52.7	-0.4	-0.7%
49.4%	53.1	52.7	-0.4	-0.7%
50.6%	53.1	52.6	-0.4	-0.8%
51.9%	53.1	52.6	-0.5	-0.9%
53.1%	53.1	52.6	-0.5	-0.9%
54.3%	53.0	52.6	-0.5	-0.9%
55.6%	53.0	52.5	-0.5	-0.9%
56.8%	52.9	52.4	-0.5	-1.0%
58.0%	52.9	52.4	-0.5	-1.0%
59.3%	52.9	52.4	-0.5	-1.0%
60.5%	52.9	52.4	-0.5	-1.0%
61.7%	52.9	52.3	-0.6	-1.0%
63.0%	52.8	52.3	-0.5	-1.0%
64.2%	52.7	52.3	-0.5	-0.9%
65.4%	52.7	52.2	-0.5	-0.9%
66.7%	52.7	52.2	-0.5	-1.0%
67.9%	52.7	52.1	-0.6	-1.1%
69.1%	52.7	52.0	-0.6	-1.2%
70.4%	52.6	52.0	-0.6	-1.2%
71.6%	52.6	51.9	-0.7	-1.3%
72.8%	52.5	51.9	-0.6	-1.2%
74.1%	52.5	51.8	-0.7	-1.4%
75.3%	52.5	51.8	-0.7	-1.3%
76.5%	52.3	51.8	-0.5	-1.0%
77.8%	52.2	51.7	-0.5	-0.9%
79.0%	52.2	51.7	-0.5	-0.9%
80.2%	52.1	51.7	-0.4	-0.7%
81.5%	51.9	51.6	-0.3	-0.6%
82.7%	51.9	51.6	-0.2	-0.5%
84.0%	51.8	51.5	-0.3	-0.6%
85.2%	51.7	51.5	-0.3	-0.5%
86.4%	51.7	51.4	-0.3	-0.5%
87.7%	51.6	51.3	-0.3	-0.5%
88.9%	51.6	51.2	-0.3	-0.7%
90.1%	51.4	51.1	-0.3	-0.6%
91.4%	51.3	51.1	-0.2	-0.4%
92.6%	51.3	51.1	-0.2	-0.4%
93.8%	51.0	50.9	-0.1	-0.2%
95.1%	50.9	50.7	-0.3	-0.6%
96.3%	50.8	50.7	-0.1	-0.3%
97.5%	50.8	50.6	-0.2	-0.4%
98.8%	50.6	50.5	-0.1	-0.1%
100.0%	50.5	50.2	-0.3	-0.6%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.2	53.4	0.2	0.4%
1.2%	52.8	53.0	0.2	0.4%
2.5%	52.1	52.0	-0.1	-0.1%
3.7%	51.9	52.0	0.0	0.1%
4.9%	51.9	51.9	0.1	0.2%
6.2%	51.8	51.8	0.0	0.0%
7.4%	51.7	51.8	0.1	0.1%
8.6%	51.7	51.7	0.0	0.0%
9.9%	51.5	51.5	0.0	0.0%
11.1%	51.5	51.5	0.0	-0.1%
12.3%	51.5	51.4	-0.1	-0.3%
13.6%	51.3	51.3	0.0	0.0%
14.8%	51.2	51.3	0.1	0.1%
16.0%	51.2	51.3	0.1	0.1%
17.3%	51.1	51.2	0.2	0.4%
18.5%	51.0	51.2	0.2	0.5%
19.8%	51.0	51.1	0.2	0.4%
21.0%	50.9	51.1	0.2	0.3%
22.2%	50.9	51.1	0.2	0.3%
23.5%	50.9	51.0	0.1	0.3%
24.7%	50.9	51.0	0.1	0.3%
25.9%	50.8	51.0	0.2	0.4%
27.2%	50.7	50.9	0.1	0.2%
28.4%	50.5	50.8	0.3	0.6%
29.6%	50.5	50.8	0.3	0.6%
30.9%	50.5	50.8	0.3	0.5%
32.1%	50.5	50.7	0.2	0.5%
33.3%	50.4	50.7	0.3	0.5%
34.6%	50.4	50.6	0.2	0.5%
35.8%	50.4	50.6	0.2	0.4%
37.0%	50.3	50.5	0.2	0.3%
38.3%	50.3	50.4	0.0	0.1%
39.5%	50.3	50.3	0.0	0.1%
40.7%	50.1	50.3	0.3	0.5%
42.0%	50.0	50.3	0.3	0.6%
43.2%	50.0	50.3	0.3	0.6%
44.4%	50.0	50.3	0.3	0.6%
45.7%	49.9	50.3	0.3	0.7%
46.9%	49.8	50.2	0.4	0.8%
48.1%	49.8	50.2	0.4	0.8%
49.4%	49.7	50.1	0.4	0.8%
50.6%	49.7	50.1	0.4	0.7%
51.9%	49.7	50.0	0.4	0.8%
53.1%	49.7	50.0	0.3	0.7%
54.3%	49.6	49.9	0.3	0.6%
55.6%	49.6	49.9	0.3	0.5%
56.8%	49.6	49.6	0.1	0.1%
58.0%	49.5	49.5	0.0	-0.1%
59.3%	49.4	49.5	0.1	0.1%
60.5%	49.4	49.4	0.1	0.1%
61.7%	49.2	49.3	0.2	0.4%
63.0%	49.0	49.3	0.3	0.7%
64.2%	49.0	49.3	0.3	0.7%
65.4%	49.0	49.2	0.3	0.5%
66.7%	48.9	49.2	0.3	0.6%
67.9%	48.9	49.2	0.3	0.6%
69.1%	48.9	49.2	0.3	0.5%
70.4%	48.9	49.1	0.2	0.4%
71.6%	48.8	49.1	0.2	0.5%
72.8%	48.8	49.1	0.2	0.5%
74.1%	48.8	49.0	0.1	0.3%
75.3%	48.8	48.9	0.1	0.2%
76.5%	48.7	48.9	0.1	0.2%
77.8%	48.7	48.8	0.1	0.3%
79.0%	48.7	48.8	0.2	0.3%
80.2%	48.6	48.8	0.2	0.5%
81.5%	48.5	48.7	0.3	0.5%
82.7%	48.4	48.7	0.2	0.5%
84.0%	48.4	48.6	0.2	0.4%
85.2%	48.4	48.5	0.2	0.4%
86.4%	48.3	48.5	0.2	0.4%
87.7%	48.2	48.2	0.0	0.0%
88.9%	48.0	48.2	0.2	0.3%
90.1%	47.8	48.1	0.3	0.6%
91.4%	47.8	48.0	0.2	0.4%
92.6%	47.8	47.9	0.2	0.4%
93.8%	47.5	47.9	0.3	0.7%
95.1%	47.0	47.9	0.9	1.8%
96.3%	46.9	47.6	0.8	1.6%
97.5%	46.7	47.2	0.5	1.2%
98.8%	46.5	46.9	0.4	0.9%
100.0%	46.0	46.8	0.8	1.7%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	49.0	49.2	0.2	0.4%
1.2%	48.7	49.1	0.4	0.8%
2.5%	48.5	48.8	0.3	0.6%
3.7%	48.4	48.5	0.1	0.2%
4.9%	48.2	48.3	0.1	0.1%
6.2%	48.1	48.2	0.1	0.2%
7.4%	48.1	48.2	0.1	0.2%
8.6%	47.9	48.1	0.2	0.3%
9.9%	47.9	48.1	0.1	0.3%
11.1%	47.9	48.1	0.1	0.3%
12.3%	47.7	48.0	0.2	0.5%
13.6%	47.7	47.8	0.2	0.4%
14.8%	47.7	47.8	0.2	0.4%
16.0%	47.6	47.8	0.2	0.4%
17.3%	47.6	47.8	0.2	0.3%
18.5%	47.6	47.8	0.1	0.3%
19.8%	47.6	47.7	0.1	0.3%
21.0%	47.6	47.7	0.1	0.3%
22.2%	47.5	47.7	0.2	0.4%
23.5%	47.5	47.7	0.2	0.4%
24.7%	47.4	47.7	0.2	0.5%
25.9%	47.3	47.7	0.4	0.7%
27.2%	47.3	47.5	0.2	0.5%
28.4%	47.3	47.4	0.1	0.3%
29.6%	47.2	47.4	0.2	0.4%
30.9%	47.2	47.4	0.2	0.4%
32.1%	47.1	47.4	0.3	0.6%
33.3%	47.1	47.3	0.3	0.6%
34.6%	47.0	47.3	0.3	0.6%
35.8%	47.0	47.3	0.3	0.6%
37.0%	46.9	47.2	0.2	0.5%
38.3%	46.9	47.1	0.3	0.5%
39.5%	46.8	47.0	0.2	0.5%
40.7%	46.8	47.0	0.2	0.5%
42.0%	46.7	46.8	0.1	0.2%
43.2%	46.7	46.8	0.1	0.2%
44.4%	46.7	46.8	0.1	0.2%
45.7%	46.6	46.7	0.1	0.3%
46.9%	46.6	46.7	0.1	0.3%
48.1%	46.6	46.7	0.2	0.3%
49.4%	46.5	46.6	0.1	0.3%
50.6%	46.5	46.6	0.1	0.3%
51.9%	46.4	46.5	0.1	0.2%
53.1%	46.3	46.5	0.2	0.5%
54.3%	46.2	46.5	0.3	0.6%
55.6%	46.2	46.5	0.3	0.6%
56.8%	46.1	46.4	0.2	0.5%
58.0%	46.1	46.4	0.3	0.6%
59.3%	46.1	46.3	0.2	0.5%
60.5%	46.0	46.3	0.2	0.5%
61.7%	46.0	46.2	0.2	0.4%
63.0%	46.0	46.1	0.2	0.4%
64.2%	45.9	46.1	0.2	0.5%
65.4%	45.9	46.0	0.1	0.3%
66.7%	45.9	46.0	0.1	0.3%
67.9%	45.8	45.9	0.1	0.2%
69.1%	45.8	45.9	0.1	0.3%
70.4%	45.7	45.9	0.2	0.4%
71.6%	45.7	45.7	0.0	0.0%
72.8%	45.4	45.5	0.1	0.3%
74.1%	45.4	45.5	0.2	0.4%
75.3%	45.3	45.5	0.2	0.5%
76.5%	45.2	45.5	0.3	0.7%
77.8%	45.1	45.5	0.3	0.8%
79.0%	45.0	45.4	0.4	0.8%
80.2%	44.9	45.3	0.3	0.7%
81.5%	44.9	45.2	0.3	0.6%
82.7%	44.9	45.1	0.2	0.5%
84.0%	44.8	45.0	0.2	0.5%
85.2%	44.7	45.0	0.2	0.5%
86.4%	44.7	45.0	0.3	0.6%
87.7%	44.5	44.9	0.5	1.0%
88.9%	44.4	44.9	0.5	1.1%
90.1%	44.2	44.5	0.3	0.6%
91.4%	44.2	44.4	0.2	0.4%
92.6%	44.2	44.3	0.0	0.1%
93.8%	44.0	44.2	0.2	0.5%
95.1%	43.9	44.2	0.2	0.6%
96.3%	43.8	44.0	0.3	0.6%
97.5%	43.7	44.0	0.3	0.7%
98.8%	43.6	43.7	0.1	0.3%
100.0%	42.1	42.8	0.7	1.6%

Table SQ-02-9b

Sacramento River below Keswick, Monthly Temperature

Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	48.3	48.3	0.0	0.1%
1.2%	47.6	48.2	0.6	1.2%
2.5%	47.6	47.6	0.1	0.1%
3.7%	47.6	47.6	0.1	0.1%
4.9%	47.1	47.6	0.5	1.0%
6.2%	47.0	47.5	0.5	1.1%
7.4%	47.0	47.3	0.3	0.6%
8.6%	47.0	47.2	0.2	0.5%
9.9%	46.9	47.1	0.2	0.5%
11.1%	46.8	47.1	0.2	0.5%
12.3%	46.8	46.9	0.2	0.3%
13.6%	46.8	46.9	0.1	0.3%
14.8%	46.8	46.9	0.1	0.3%
16.0%	46.8	46.8	0.1	0.1%
17.3%	46.7	46.8	0.1	0.2%
18.5%	46.7	46.8	0.0	0.1%
19.8%	46.7	46.8	0.0	0.1%
21.0%	46.5	46.7	0.2	0.4%
22.2%	46.5	46.6	0.1	0.3%
23.5%	46.5	46.6	0.1	0.2%
24.7%	46.5	46.6	0.1	0.1%
25.9%	46.4	46.5	0.1	0.1%
27.2%	46.4	46.5	0.0	0.1%
28.4%	46.4	46.5	0.1	0.2%
29.6%	46.4	46.5	0.1	0.2%
30.9%	46.4	46.4	0.1	0.2%
32.1%	46.3	46.4	0.1	0.2%
33.3%	46.3	46.4	0.1	0.2%
34.6%	46.2	46.4	0.1	0.3%
35.8%	46.2	46.3	0.1	0.2%
37.0%	46.2	46.3	0.2	0.3%
38.3%	46.1	46.2	0.1	0.2%
39.5%	46.1	46.2	0.2	0.3%
40.7%	46.0	46.2	0.2	0.3%
42.0%	46.0	46.2	0.2	0.4%
43.2%	46.0	46.1	0.1	0.3%
44.4%	45.9	45.9	0.1	0.1%
45.7%	45.9	45.9	0.0	0.1%
46.9%	45.9	45.8	-0.1	-0.1%
48.1%	45.8	45.8	0.0	-0.1%
49.4%	45.8	45.8	0.0	0.0%
50.6%	45.8	45.8	0.0	0.0%
51.9%	45.8	45.8	0.0	0.0%
53.1%	45.8	45.7	0.0	0.0%
54.3%	45.7	45.7	0.0	0.0%
55.6%	45.7	45.7	0.0	0.0%
56.8%	45.7	45.7	0.0	0.0%
58.0%	45.6	45.7	0.1	0.2%
59.3%	45.6	45.7	0.1	0.2%
60.5%	45.5	45.6	0.1	0.2%
61.7%	45.5	45.6	0.1	0.2%
63.0%	45.5	45.6	0.1	0.2%
64.2%	45.5	45.5	0.0	0.1%
65.4%	45.4	45.5	0.2	0.3%
66.7%	45.3	45.5	0.2	0.4%
67.9%	45.3	45.4	0.2	0.3%
69.1%	45.2	45.4	0.1	0.3%
70.4%	45.2	45.3	0.1	0.3%
71.6%	45.2	45.2	0.0	0.1%
72.8%	45.1	45.2	0.1	0.2%
74.1%	45.0	45.1	0.1	0.3%
75.3%	45.0	45.1	0.1	0.3%
76.5%	44.9	45.0	0.1	0.1%
77.8%	44.9	44.9	0.0	0.1%
79.0%	44.6	44.9	0.3	0.6%
80.2%	44.6	44.7	0.1	0.2%
81.5%	44.5	44.7	0.2	0.3%
82.7%	44.5	44.6	0.1	0.3%
84.0%	44.5	44.6	0.1	0.2%
85.2%	44.3	44.5	0.2	0.3%
86.4%	44.3	44.4	0.2	0.4%
87.7%	44.2	44.3	0.1	0.3%
88.9%	44.2	44.2	0.0	0.1%
90.1%	44.0	44.0	0.0	0.1%
91.4%	44.0	44.0	0.0	0.0%
92.6%	44.0	44.0	0.0	0.0%
93.8%	43.9	44.0	0.1	0.1%
95.1%	43.9	43.9	0.0	0.1%
96.3%	43.6	43.7	0.1	0.3%
97.5%	43.6	43.6	0.0	-0.1%
98.8%	43.4	43.5	0.1	0.2%
100.0%	43.1	43.1	0.0	0.0%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	49.8	50.2	0.4	0.8%
1.2%	49.6	50.1	0.4	0.9%
2.5%	49.5	49.8	0.3	0.7%
3.7%	49.3	49.5	0.2	0.4%
4.9%	49.0	49.4	0.4	0.8%
6.2%	48.9	49.1	0.2	0.4%
7.4%	48.9	49.0	0.1	0.3%
8.6%	48.9	48.8	0.0	0.0%
9.9%	48.7	48.8	0.1	0.2%
11.1%	48.7	48.8	0.1	0.2%
12.3%	48.6	48.7	0.1	0.1%
13.6%	48.6	48.7	0.0	0.1%
14.8%	48.6	48.6	0.1	0.1%
16.0%	48.5	48.6	0.1	0.3%
17.3%	48.5	48.6	0.1	0.2%
18.5%	48.4	48.6	0.2	0.4%
19.8%	48.2	48.5	0.4	0.8%
21.0%	48.1	48.4	0.3	0.5%
22.2%	48.1	48.3	0.2	0.5%
23.5%	48.0	48.2	0.2	0.5%
24.7%	48.0	48.2	0.2	0.4%
25.9%	48.0	48.1	0.2	0.4%
27.2%	47.8	48.1	0.3	0.7%
28.4%	47.8	47.9	0.2	0.3%
29.6%	47.7	47.9	0.2	0.3%
30.9%	47.7	47.8	0.1	0.3%
32.1%	47.6	47.8	0.2	0.5%
33.3%	47.6	47.8	0.2	0.4%
34.6%	47.5	47.7	0.2	0.5%
35.8%	47.5	47.7	0.2	0.4%
37.0%	47.5	47.6	0.2	0.4%
38.3%	47.4	47.6	0.2	0.4%
39.5%	47.4	47.6	0.2	0.4%
40.7%	47.4	47.5	0.1	0.3%
42.0%	47.4	47.5	0.1	0.3%
43.2%	47.4	47.4	0.1	0.1%
44.4%	47.3	47.4	0.1	0.2%
45.7%	47.3	47.4	0.1	0.3%
46.9%	47.3	47.4	0.1	0.3%
48.1%	47.3	47.4	0.1	0.2%
49.4%	47.3	47.3	0.1	0.1%
50.6%	47.2	47.3	0.1	0.2%
51.9%	47.2	47.3	0.1	0.2%
53.1%	47.2	47.3	0.1	0.3%
54.3%	47.2	47.3	0.1	0.3%
55.6%	47.0	47.2	0.2	0.4%
56.8%	47.0	47.2	0.2	0.4%
58.0%	47.0	47.1	0.2	0.3%
59.3%	46.9	47.1	0.2	0.4%
60.5%	46.8	47.1	0.3	0.6%
61.7%	46.7	46.9	0.1	0.3%
63.0%	46.7	46.8	0.1	0.3%
64.2%	46.7	46.8	0.1	0.2%
65.4%	46.7	46.7	0.0	0.1%
66.7%	46.6	46.6	0.0	0.1%
67.9%	46.4	46.5	0.1	0.3%
69.1%	46.4	46.4	0.1	0.2%
70.4%	46.3	46.4	0.1	0.2%
71.6%	46.3	46.4	0.1	0.2%
72.8%	46.3	46.4	0.1	0.2%
74.1%	46.2	46.3	0.1	0.2%
75.3%	46.2	46.2	0.0	0.1%
76.5%	46.2	46.2	0.0	0.0%
77.8%	46.1	46.2	0.0	0.0%
79.0%	46.1	46.2	0.0	0.1%
80.2%	46.1	46.1	0.1	0.1%
81.5%	46.1	46.1	0.0	0.1%
82.7%	46.0	46.1	0.0	0.1%
84.0%	45.9	45.9	0.0	-0.1%
85.2%	45.8	45.8	0.0	0.1%
86.4%	45.7	45.8	0.1	0.2%
87.7%	45.7	45.8	0.1	0.2%
88.9%	45.6	45.7	0.1	0.2%
90.1%	45.6	45.6	0.0	0.0%
91.4%	45.6	45.6	0.0	0.1%
92.6%	45.4	45.4	0.0	0.0%
93.8%	45.4	45.4	0.0	0.0%
95.1%	45.3	45.3	0.0	0.1%
96.3%	45.0	45.0	0.0	0.0%
97.5%	44.8	44.9	0.1	0.2%
98.8%	44.8	44.9	0.1	0.1%
100.0%	44.7	44.7	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	52.0	52.5	0.6	1.1%
1.2%	51.1	52.5	1.4	2.7%
2.5%	51.1	51.9	0.9	1.7%
3.7%	50.9	51.3	0.4	0.8%
4.9%	50.8	51.3	0.5	0.9%
6.2%	50.8	51.1	0.3	0.5%
7.4%	50.8	51.0	0.2	0.4%
8.6%	50.8	50.8	0.0	0.1%
9.9%	50.4	50.7	0.3	0.5%
11.1%	50.4	50.7	0.3	0.6%
12.3%	50.3	50.6	0.3	0.5%
13.6%	50.3	50.4	0.2	0.3%
14.8%	50.0	50.4	0.4	0.7%
16.0%	49.9	50.4	0.5	1.0%
17.3%	49.9	50.3	0.4	0.8%
18.5%	49.8	50.2	0.4	0.8%
19.8%	49.8	50.2	0.5	0.9%
21.0%	49.7	50.1	0.4	0.8%
22.2%	49.7	50.0	0.3	0.5%
23.5%	49.7	49.9	0.3	0.6%
24.7%	49.6	49.8	0.2	0.3%
25.9%	49.5	49.8	0.3	0.6%
27.2%	49.5	49.8	0.3	0.6%
28.4%	49.5	49.8	0.3	0.7%
29.6%	49.5	49.8	0.3	0.6%
30.9%	49.4	49.8	0.4	0.8%
32.1%	49.4	49.7	0.3	0.7%
33.3%	49.3	49.7	0.4	0.7%
34.6%	49.3	49.7	0.4	0.8%
35.8%	49.3	49.6	0.3	0.7%
37.0%	49.2	49.5	0.3	0.7%
38.3%	49.2	49.5	0.3	0.7%
39.5%	49.2	49.3	0.2	0.3%
40.7%	49.0	49.3	0.3	0.6%
42.0%	49.0	49.3	0.2	0.5%
43.2%	49.0	49.2	0.2	0.4%
44.4%	49.0	49.1	0.2	0.4%
45.7%	48.9	49.1	0.2	0.4%
46.9%	48.9	49.1	0.2	0.3%
48.1%	48.9	49.0	0.1	0.2%
49.4%	48.8	49.0	0.2	0.4%
50.6%	48.7	48.9	0.3	0.6%
51.9%	48.6	48.9	0.3	0.6%
53.1%	48.6	48.9	0.3	0.7%
54.3%	48.6	48.9	0.3	0.6%
55.6%	48.5	48.9	0.3	0.7%
56.8%	48.5	48.9	0.3	0.7%
58.0%	48.5	48.9	0.3	0.7%
59.3%	48.5	48.8	0.2	0.5%
60.5%	48.5	48.7	0.2	0.5%
61.7%	48.5	48.7	0.2	0.4%
63.0%	48.4	48.6	0.2	0.4%
64.2%	48.4	48.6	0.2	0.4%
65.4%	48.4	48.6	0.1	0.3%
66.7%	48.4	48.5	0.2	0.4%
67.9%	48.4	48.5	0.2	0.4%
69.1%	48.3	48.5	0.2	0.3%
70.4%	48.3	48.4	0.1	0.2%
71.6%	48.3	48.4	0.1	0.3%
72.8%	48.3	48.4	0.1	0.3%
74.1%	48.2	48.4	0.2	0.3%
75.3%	48.2	48.4	0.2	0.4%
76.5%	48.1	48.3	0.2	0.3%
77.8%	48.1	48.3	0.2	0.4%
79.0%	47.9	48.3	0.4	0.7%
80.2%	47.9	48.2	0.3	0.7%
81.5%	47.8	48.2	0.4	0.8%
82.7%	47.8	48.1	0.3	0.6%
84.0%	47.7	48.1	0.4	0.8%
85.2%	47.6	48.0	0.4	0.9%
86.4%	47.4	48.0	0.5	1.1%
87.7%	47.4	47.9	0.5	1.1%
88.9%	47.3	47.7	0.4	0.8%
90.1%	47.2	47.4	0.2	0.4%
91.4%	47.1	47.2	0.0	0.1%
92.6%	47.1	47.1	0.0	-0.1%
93.8%	47.0	47.0	0.0	0.0%
95.1%	46.9	47.0	0.1	0.2%
96.3%	46.6	46.6	0.0	0.1%
97.5%	46.4	46.4	0.0	0.1%
98.8%	46.3	46.4	0.1	0.3%
100.0%	46.0	46.0	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.7	55.1	0.4	0.7%
1.2%	54.6	54.7	0.1	0.1%
2.5%	54.0	53.8	-0.2	-0.3%
3.7%	53.8	53.6	-0.2	-0.3%
4.9%	53.4	53.0	-0.4	-0.8%
6.2%	52.8	52.2	-0.6	-1.1%
7.4%	52.3	52.1	-0.2	-0.4%
8.6%	52.1	52.0	-0.1	-0.3%
9.9%	52.0	51.4	-0.6	-1.1%
11.1%	51.9	51.4	-0.5	-0.9%
12.3%	51.8	51.3	-0.5	-1.0%
13.6%	51.6	51.3	-0.3	-0.6%
14.8%	51.6	51.0	-0.5	-1.0%
16.0%	51.1	51.0	-0.2	-0.3%
17.3%	51.0	51.0	0.0	0.0%
18.5%	50.8	50.9	0.1	0.3%
19.8%	50.8	50.9	0.2	0.3%
21.0%	50.8	50.9	0.1	0.3%
22.2%	50.7	50.7	0.0	0.1%
23.5%	50.6	50.7	0.1	0.1%
24.7%	50.6	50.7	0.1	0.1%
25.9%	50.6	50.6	0.1	0.2%
27.2%	50.5	50.6	0.0	0.0%
28.4%	50.5	50.4	-0.1	-0.1%
29.6%	50.4	50.4	0.0	0.0%
30.9%	50.4	50.4	0.0	0.0%
32.1%	50.3	50.3	0.0	0.0%
33.3%	50.3	50.3	0.0	0.0%
34.6%	50.3	50.2	-0.1	-0.1%
35.8%	50.3	50.2	-0.1	-0.2%
37.0%	50.2	50.2	0.0	0.0%
38.3%	50.1	50.1	0.0	-0.1%
39.5%	50.0	50.1	0.1	0.1%
40.7%	50.0	50.0	0.0	0.1%
42.0%	49.9	49.9	0.0	0.0%
43.2%	49.9	49.9	0.0	0.0%
44.4%	49.9	49.9	0.0	0.0%
45.7%	49.9	49.9	0.0	-0.1%
46.9%	49.9	49.9	0.0	-0.1%
48.1%	49.8	49.7	-0.1	-0.2%
49.4%	49.8	49.7	-0.1	-0.3%
50.6%	49.8	49.6	-0.1	-0.3%
51.9%	49.8	49.6	-0.1	-0.3%
53.1%	49.6	49.6	0.0	0.1%
54.3%	49.6	49.5	-0.1	-0.1%
55.6%	49.6	49.4	-0.1	-0.3%
56.8%	49.5	49.4	-0.1	-0.3%
58.0%	49.5	49.3	-0.2	-0.3%
59.3%	49.4	49.3	-0.1	-0.2%
60.5%	49.3	49.2	-0.1	-0.2%
61.7%	49.2	49.2	0.0	-0.1%
63.0%	49.2	49.2	0.0	0.0%
64.2%	49.1	49.2	0.1	0.1%
65.4%	49.1	49.1	0.0	0.0%
66.7%	49.1	49.0	-0.1	-0.1%
67.9%	49.1	49.0	-0.1	-0.1%
69.1%	49.0	49.0	-0.1	-0.1%
70.4%	48.9	48.9	-0.1	-0.1%
71.6%	48.9	48.8	0.0	-0.1%
72.8%	48.9	48.8	0.0	-0.1%
74.1%	48.8	48.8	0.0	0.0%
75.3%	48.8	48.7	-0.1	-0.1%
76.5%	48.8	48.7	0.0	-0.1%
77.8%	48.8	48.7	0.0	-0.1%
79.0%	48.6	48.7	0.1	0.2%
80.2%	48.5	48.7	0.2	0.4%
81.5%	48.5	48.7	0.2	0.5%
82.7%	48.4	48.6	0.2	0.4%
84.0%	48.3	48.5	0.1	0.3%
85.2%	48.3	48.5	0.1	0.3%
86.4%	48.3	48.3	0.0	-0.1%
87.7%	48.3	48.2	-0.1	-0.2%
88.9%	48.2	48.1	-0.1	-0.3%
90.1%	48.2	48.0	-0.2	-0.5%
91.4%	48.1	47.9	-0.1	-0.3%
92.6%	47.9	47.8	-0.1	-0.3%
93.8%	47.8	47.7	0.0	-0.1%
95.1%	47.8	47.7	0.0	-0.1%
96.3%	47.8	47.7	0.0	-0.1%
97.5%	47.7	47.7	0.0	0.0%
98.8%	47.6	47.6	-0.1	-0.2%
100.0%	46.6	46.7	0.1	0.1%

Table SQ-02-9b

Sacramento River below Keswick, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	55.6	55.6	0.0	0.0%
1.2%	55.5	55.5	0.0	0.1%
2.5%	55.0	55.0	-0.1	-0.1%
3.7%	54.8	54.2	-0.6	-1.0%
4.9%	54.5	54.2	-0.2	-0.4%
6.2%	53.9	54.2	0.3	0.6%
7.4%	53.5	53.2	-0.4	-0.7%
8.6%	53.3	53.1	-0.2	-0.4%
9.9%	52.1	52.9	0.8	1.5%
11.1%	52.1	52.2	0.1	0.2%
12.3%	52.0	52.1	0.1	0.2%
13.6%	51.9	52.0	0.1	0.2%
14.8%	51.8	51.9	0.1	0.2%
16.0%	51.6	51.9	0.3	0.6%
17.3%	51.4	51.8	0.3	0.7%
18.5%	51.4	51.8	0.4	0.8%
19.8%	51.2	51.7	0.5	0.9%
21.0%	51.2	51.6	0.5	0.9%
22.2%	51.1	51.5	0.4	0.8%
23.5%	51.1	51.5	0.4	0.7%
24.7%	51.0	51.5	0.4	0.8%
25.9%	51.0	51.3	0.3	0.6%
27.2%	50.9	51.2	0.3	0.6%
28.4%	50.9	51.1	0.2	0.3%
29.6%	50.9	51.1	0.2	0.4%
30.9%	50.8	51.0	0.1	0.3%
32.1%	50.8	50.9	0.1	0.2%
33.3%	50.8	50.9	0.1	0.1%
34.6%	50.8	50.9	0.1	0.3%
35.8%	50.7	50.8	0.1	0.2%
37.0%	50.7	50.8	0.1	0.3%
38.3%	50.6	50.8	0.1	0.3%
39.5%	50.6	50.8	0.2	0.3%
40.7%	50.6	50.8	0.2	0.3%
42.0%	50.5	50.7	0.2	0.3%
43.2%	50.5	50.5	0.0	0.0%
44.4%	50.5	50.5	0.0	0.0%
45.7%	50.5	50.5	-0.1	-0.1%
46.9%	50.5	50.4	-0.1	-0.2%
48.1%	50.5	50.4	-0.1	-0.2%
49.4%	50.5	50.4	-0.1	-0.3%
50.6%	50.4	50.4	-0.1	-0.1%
51.9%	50.4	50.4	0.0	0.0%
53.1%	50.4	50.3	-0.1	-0.1%
54.3%	50.3	50.3	0.0	-0.1%
55.6%	50.3	50.3	-0.1	-0.1%
56.8%	50.3	50.3	0.0	-0.1%
58.0%	50.3	50.3	0.0	-0.1%
59.3%	50.2	50.2	0.0	0.0%
60.5%	50.2	50.2	0.1	0.1%
61.7%	50.1	50.2	0.1	0.2%
63.0%	50.0	50.2	0.2	0.4%
64.2%	50.0	50.1	0.1	0.3%
65.4%	50.0	50.0	0.0	0.1%
66.7%	50.0	50.0	0.1	0.1%
67.9%	49.9	50.0	0.0	0.1%
69.1%	49.9	50.0	0.0	0.1%
70.4%	49.9	49.9	0.1	0.1%
71.6%	49.9	49.9	0.0	0.1%
72.8%	49.9	49.8	0.0	0.0%
74.1%	49.8	49.8	0.0	0.0%
75.3%	49.8	49.7	0.0	-0.1%
76.5%	49.7	49.7	0.0	0.0%
77.8%	49.7	49.7	0.0	0.0%
79.0%	49.7	49.7	0.0	0.0%
80.2%	49.6	49.6	0.0	0.0%
81.5%	49.6	49.6	0.0	0.1%
82.7%	49.6	49.6	0.0	0.1%
84.0%	49.5	49.6	0.0	0.1%
85.2%	49.5	49.5	0.1	0.1%
86.4%	49.4	49.5	0.1	0.2%
87.7%	49.4	49.4	0.1	0.1%
88.9%	49.3	49.3	0.0	0.1%
90.1%	49.3	49.3	0.1	0.1%
91.4%	49.2	49.2	-0.1	-0.1%
92.6%	49.1	49.1	0.0	0.0%
93.8%	49.1	49.1	0.0	0.0%
95.1%	48.8	48.8	0.1	0.1%
96.3%	48.7	48.8	0.1	0.3%
97.5%	48.6	48.8	0.2	0.4%
98.8%	48.5	48.6	0.1	0.1%
100.0%	48.4	48.5	0.0	0.1%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.9	56.7	-3.2	-5.3%
1.2%	57.4	56.4	-1.0	-1.7%
2.5%	56.5	56.3	-0.2	-0.4%
3.7%	56.4	55.8	-0.6	-1.1%
4.9%	56.3	55.8	-0.6	-1.0%
6.2%	56.2	55.6	-0.5	-0.9%
7.4%	55.9	55.5	-0.4	-0.7%
8.6%	55.4	55.4	0.1	0.1%
9.9%	55.2	55.2	0.1	0.1%
11.1%	54.8	55.0	0.2	0.4%
12.3%	54.6	53.1	-1.5	-2.8%
13.6%	53.7	52.8	-1.0	-1.8%
14.8%	53.1	52.5	-0.6	-1.2%
16.0%	52.8	52.4	-0.4	-0.8%
17.3%	52.5	52.3	-0.2	-0.4%
18.5%	52.3	52.3	-0.1	-0.1%
19.8%	52.3	52.2	-0.1	-0.1%
21.0%	52.2	52.2	0.0	0.0%
22.2%	52.2	52.2	0.0	0.1%
23.5%	52.1	52.2	0.0	0.1%
24.7%	52.1	52.1	0.0	0.0%
25.9%	52.0	52.1	0.1	0.2%
27.2%	52.0	52.1	0.1	0.2%
28.4%	52.0	52.0	0.1	0.1%
29.6%	51.9	52.0	0.1	0.2%
30.9%	51.9	52.0	0.1	0.2%
32.1%	51.9	51.9	0.0	0.1%
33.3%	51.8	51.9	0.1	0.1%
34.6%	51.8	51.8	0.1	0.1%
35.8%	51.8	51.8	0.0	0.1%
37.0%	51.7	51.8	0.0	0.0%
38.3%	51.7	51.8	0.0	0.1%
39.5%	51.7	51.7	0.0	0.0%
40.7%	51.7	51.6	0.0	0.0%
42.0%	51.6	51.6	0.0	0.1%
43.2%	51.6	51.6	0.0	0.0%
44.4%	51.6	51.6	0.0	0.0%
45.7%	51.5	51.5	0.0	0.0%
46.9%	51.5	51.5	0.0	0.0%
48.1%	51.5	51.5	0.1	0.2%
49.4%	51.4	51.5	0.1	0.1%
50.6%	51.4	51.5	0.1	0.1%
51.9%	51.4	51.5	0.1	0.1%
53.1%	51.3	51.5	0.1	0.3%
54.3%	51.3	51.4	0.1	0.3%
55.6%	51.3	51.4	0.1	0.2%
56.8%	51.3	51.4	0.1	0.2%
58.0%	51.3	51.3	0.1	0.1%
59.3%	51.3	51.3	0.1	0.1%
60.5%	51.2	51.3	0.1	0.2%
61.7%	51.2	51.3	0.1	0.3%
63.0%	51.1	51.3	0.1	0.2%
64.2%	51.1	51.3	0.1	0.2%
65.4%	51.1	51.3	0.2	0.4%
66.7%	51.1	51.3	0.2	0.4%
67.9%	51.1	51.2	0.2	0.3%
69.1%	51.1	51.2	0.2	0.3%
70.4%	51.0	51.2	0.1	0.3%
71.6%	51.0	51.1	0.1	0.2%
72.8%	51.0	51.1	0.1	0.2%
74.1%	51.0	51.1	0.1	0.2%
75.3%	51.0	51.1	0.1	0.2%
76.5%	51.0	51.1	0.1	0.2%
77.8%	51.0	51.1	0.1	0.2%
79.0%	51.0	51.0	0.1	0.1%
80.2%	50.9	51.0	0.1	0.2%
81.5%	50.9	51.0	0.1	0.2%
82.7%	50.9	51.0	0.1	0.1%
84.0%	50.9	51.0	0.1	0.2%
85.2%	50.8	50.9	0.1	0.1%
86.4%	50.8	50.9	0.1	0.1%
87.7%	50.8	50.8	0.0	0.0%
88.9%	50.7	50.7	0.0	0.1%
90.1%	50.6	50.6	0.0	0.0%
91.4%	50.6	50.6	0.0	0.0%
92.6%	50.6	50.6	0.0	0.0%
93.8%	50.5	50.6	0.0	0.1%
95.1%	50.5	50.5	0.0	-0.1%
96.3%	50.4	50.4	0.0	-0.1%
97.5%	50.3	50.4	0.1	0.2%
98.8%	50.1	50.0	0.0	0.0%
100.0%	49.9	50.0	0.1	0.2%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.2	63.1	-2.1	-3.2%
1.2%	64.5	57.4	-7.1	-11.0%
2.5%	63.6	57.0	-6.7	-10.5%
3.7%	62.3	55.2	-7.0	-11.3%
4.9%	58.7	55.2	-3.5	-6.0%
6.2%	57.0	54.6	-2.4	-4.2%
7.4%	55.9	54.4	-1.5	-2.7%
8.6%	55.7	54.3	-1.4	-2.5%
9.9%	55.5	54.3	-1.3	-2.3%
11.1%	55.3	54.2	-1.1	-2.0%
12.3%	54.8	54.1	-0.7	-1.3%
13.6%	54.4	53.8	-0.5	-1.0%
14.8%	54.1	53.8	-0.3	-0.6%
16.0%	54.0	53.7	-0.3	-0.5%
17.3%	53.9	53.6	-0.4	-0.7%
18.5%	53.9	53.6	-0.3	-0.6%
19.8%	53.6	53.5	-0.1	-0.2%
21.0%	53.6	53.4	-0.2	-0.4%
22.2%	53.5	53.3	-0.2	-0.5%
23.5%	53.4	53.2	-0.2	-0.4%
24.7%	53.4	53.2	-0.2	-0.4%
25.9%	53.4	53.2	-0.2	-0.3%
27.2%	53.4	53.2	-0.2	-0.3%
28.4%	53.3	53.1	-0.2	-0.4%
29.6%	53.3	53.0	-0.2	-0.4%
30.9%	53.2	53.0	-0.2	-0.4%
32.1%	53.2	53.0	-0.3	-0.5%
33.3%	53.2	52.9	-0.3	-0.6%
34.6%	53.1	52.8	-0.3	-0.6%
35.8%	53.1	52.8	-0.3	-0.6%
37.0%	53.0	52.7	-0.3	-0.6%
38.3%	53.0	52.6	-0.4	-0.7%
39.5%	53.0	52.6	-0.4	-0.7%
40.7%	52.9	52.6	-0.4	-0.7%
42.0%	52.9	52.5	-0.4	-0.7%
43.2%	52.9	52.4	-0.5	-0.9%
44.4%	52.8	52.4	-0.4	-0.8%
45.7%	52.7	52.4	-0.4	-0.7%
46.9%	52.7	52.3	-0.4	-0.7%
48.1%	52.7	52.3	-0.4	-0.8%
49.4%	52.6	52.3	-0.3	-0.6%
50.6%	52.6	52.2	-0.4	-0.7%
51.9%	52.5	52.2	-0.3	-0.5%
53.1%	52.5	52.2	-0.3	-0.5%
54.3%	52.5	52.2	-0.3	-0.5%
55.6%	52.4	52.2	-0.2	-0.3%
56.8%	52.2	52.2	0.0	0.0%
58.0%	52.2	52.2	0.0	0.0%
59.3%	52.2	52.2	0.0	0.0%
60.5%	52.2	52.1	0.0	0.0%
61.7%	52.1	52.1	0.0	-0.1%
63.0%	52.1	52.0	-0.1	-0.2%
64.2%	52.1	52.0	-0.1	-0.1%
65.4%	52.1	52.0	-0.1	-0.2%
66.7%	52.1	52.0	-0.1	-0.2%
67.9%	52.0	52.0	-0.1	-0.1%
69.1%	52.0	51.9	-0.1	-0.1%
70.4%	52.0	51.9	-0.1	-0.2%
71.6%	52.0	51.9	-0.1	-0.2%
72.8%	51.9	51.9	-0.1	-0.1%
74.1%	51.9	51.8	-0.1	-0.2%
75.3%	51.9	51.8	0.0	0.0%
76.5%	51.8	51.8	0.0	0.0%
77.8%	51.8	51.8	0.0	0.0%
79.0%	51.8	51.8	0.0	0.0%
80.2%	51.8	51.8	0.0	0.0%
81.5%	51.7	51.7	0.0	0.0%
82.7%	51.7	51.7	0.1	0.1%
84.0%	51.6	51.7	0.0	0.1%
85.2%	51.6	51.7	0.0	0.1%
86.4%	51.5	51.6	0.2	0.3%
87.7%	51.4	51.6	0.2	0.3%
88.9%	51.4	51.6	0.2	0.3%
90.1%	51.4	51.6	0.2	0.3%
91.4%	51.4	51.5	0.1	0.2%
92.6%	51.4	51.5	0.1	0.1%
93.8%	51.3	51.5	0.1	0.3%
95.1%	51.2	51.4	0.2	0.5%
96.3%	51.1	51.4	0.3	0.6%
97.5%	51.0	51.4	0.3	0.7%
98.8%	50.9	51.3	0.3	0.6%
100.0%	50.8	50.7	-0.1	-0.2%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.6	65.8	-1.8	-2.6%
1.2%	65.9	64.1	-1.8	-2.7%
2.5%	65.4	63.3	-2.0	-3.1%
3.7%	65.1	61.1	-4.0	-6.1%
4.9%	64.3	59.7	-4.6	-7.1%
6.2%	62.7	59.6	-3.1	-5.0%
7.4%	62.6	58.5	-4.2	-6.6%
8.6%	59.4	57.7	-1.8	-2.9%
9.9%	58.5	57.6	-0.9	-1.6%
11.1%	58.0	57.3	-0.7	-1.2%
12.3%	57.8	56.6	-1.1	-2.0%
13.6%	57.3	56.3	-1.0	-1.7%
14.8%	57.2	56.2	-1.1	-1.9%
16.0%	57.1	56.1	-1.0	-1.7%
17.3%	56.8	56.0	-0.8	-1.3%
18.5%	56.7	55.6	-1.1	-1.9%
19.8%	56.5	55.4	-1.1	-2.0%
21.0%	56.5	55.1	-1.3	-2.4%
22.2%	56.4	54.9	-1.5	-2.7%
23.5%	55.8	54.9	-0.9	-1.7%
24.7%	55.6	54.9	-0.7	-1.3%
25.9%	55.5	54.7	-0.7	-1.3%
27.2%	55.4	54.7	-0.7	-1.2%
28.4%	55.3	54.7	-0.7	-1.2%
29.6%	55.3	54.6	-0.6	-1.2%
30.9%	55.3	54.4	-0.9	-1.6%
32.1%	55.1	54.3	-0.8	-1.4%
33.3%	54.9	54.3	-0.6	-1.2%
34.6%	54.9	54.2	-0.7	-1.2%
35.8%	54.8	54.1	-0.7	-1.3%
37.0%	54.7	54.0	-0.8	-1.4%
38.3%	54.7	53.9	-0.8	-1.5%
39.5%	54.6	53.9	-0.7	-1.2%
40.7%	54.6	53.9	-0.7	-1.2%
42.0%	54.5	53.8	-0.7	-1.3%
43.2%	54.4	53.8	-0.7	-1.2%
44.4%	54.4	53.7	-0.7	-1.2%
45.7%	54.4	53.6	-0.8	-1.4%
46.9%	54.4	53.6	-0.8	-1.5%
48.1%	54.2	53.4	-0.9	-1.6%
49.4%	54.1	53.3	-0.8	-1.4%
50.6%	54.0	53.3	-0.8	-1.4%
51.9%	53.9	53.2	-0.7	-1.3%
53.1%	53.8	53.2	-0.6	-1.2%
54.3%	53.8	53.0	-0.8	-1.4%
55.6%	53.7	53.0	-0.7	-1.3%
56.8%	53.7	53.0	-0.8	-1.4%
58.0%	53.6	53.0	-0.6	-1.1%
59.3%	53.5	52.9	-0.5	-1.0%
60.5%	53.5	52.9	-0.6	-1.1%
61.7%	53.4	52.8	-0.6	-1.2%
63.0%	53.4	52.8	-0.6	-1.2%
64.2%	53.4	52.6	-0.7	-1.4%
65.4%	53.3	52.6	-0.7	-1.3%
66.7%	53.3	52.5	-0.8	-1.4%
67.9%	53.2	52.5	-0.7	-1.4%
69.1%	53.2	52.5	-0.7	-1.4%
70.4%	53.2	52.5	-0.7	-1.3%
71.6%	53.2	52.5	-0.7	-1.4%
72.8%	53.2	52.4	-0.7	-1.3%
74.1%	53.1	52.3	-0.7	-1.4%
75.3%	53.0	52.3	-0.7	-1.3%
76.5%	53.0	52.3	-0.7	-1.2%
77.8%	53.0	52.3	-0.6	-1.2%
79.0%	52.9	52.3	-0.6	-1.1%
80.2%	52.9	52.2	-0.7	-1.4%
81.5%	52.8	52.2	-0.7	-1.3%
82.7%	52.8	52.1	-0.7	-1.3%
84.0%	52.6	52.0	-0.7	-1.2%
85.2%	52.6	52.0	-0.7	-1.3%
86.4%	52.6	51.9	-0.7	-1.3%
87.7%	52.5	51.9	-0.6	-1.1%
88.9%	52.4	51.8	-0.6	-1.1%
90.1%	52.2	51.7	-0.5	-0.9%
91.4%	52.2	51.7	-0.5	-1.0%
92.6%	51.7	51.3	-0.4	-0.8%
93.8%	51.5	51.2	-0.3	-0.6%
95.1%	51.5	51.1	-0.4	-0.7%
96.3%	51.2	51.1	0.0	0.0%
97.5%	51.1	50.7	-0.4	-0.8%
98.8%	50.5	50.4	-0.1	-0.3%
100.0%	50.5	50.2	-0.3	-0.5%

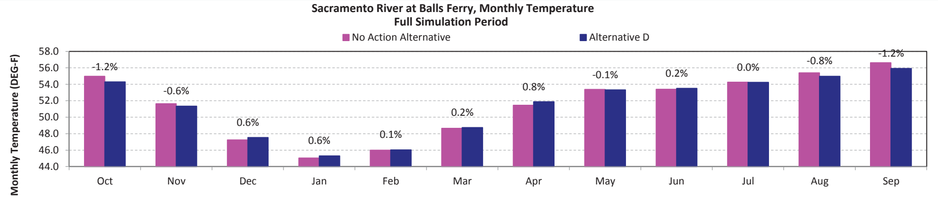
Table SQ-03-9a
Sacramento River at Balls Ferry, Monthly Temperature
Long-term Average and Average by Water Year Type

Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	55.0	51.6	47.2	45.0	46.0	48.7	51.5	53.4	53.4	54.3	55.4	56.6
Alternative D	54.3	51.3	47.5	45.3	46.0	48.7	51.9	53.3	53.5	54.2	55.0	55.9
Difference	-0.7	-0.3	0.3	0.3	0.0	0.1	0.4	0.0	0.1	0.0	-0.4	-0.7
Percent Difference[3]	-1.2%	-0.6%	0.6%	0.6%	0.1%	0.2%	0.8%	-0.1%	0.2%	0.0%	-0.8%	-1.2%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	54.4	52.0	47.3	44.9	45.6	47.7	50.7	53.1	53.2	54.1	54.6	54.6
Alternative D	54.1	51.8	47.8	45.1	45.6	47.8	50.8	52.8	53.1	54.2	54.7	54.4
Difference	-0.3	-0.2	0.4	0.2	0.0	0.1	0.1	-0.3	-0.1	0.1	0.1	-0.2
Percent Difference	-0.5%	-0.4%	0.9%	0.4%	0.1%	0.1%	0.3%	-0.5%	-0.2%	0.2%	0.2%	-0.4%
Above Normal (15%)												
No Action Alternative	53.8	51.3	47.7	45.3	46.0	48.9	51.9	53.7	52.5	53.1	54.8	55.4
Alternative D	53.3	51.2	48.1	45.5	46.0	48.9	52.2	53.4	52.7	53.2	54.9	55.1
Difference	-0.4	-0.2	0.4	0.2	0.0	0.0	0.3	-0.3	0.2	0.1	0.1	-0.4
Percent Difference	-0.8%	-0.3%	0.9%	0.5%	0.0%	0.1%	0.5%	-0.5%	0.4%	0.1%	0.1%	-0.7%
Below Normal (17%)												
No Action Alternative	53.5	51.0	47.5	45.0	45.7	48.6	51.9	53.4	53.0	53.5	54.3	56.0
Alternative D	52.9	50.7	47.7	45.2	45.7	48.6	52.4	53.4	53.1	53.6	54.3	55.5
Difference	-0.6	-0.3	0.2	0.2	0.0	0.0	0.5	0.0	0.1	0.0	0.0	-0.5
Percent Difference	-1.1%	-0.5%	0.4%	0.5%	0.0%	0.1%	1.0%	0.0%	0.3%	0.1%	-0.1%	-0.9%
Dry (22%)												
No Action Alternative	55.3	51.8	47.2	45.1	46.2	49.3	51.8	53.0	53.5	53.8	55.3	57.4
Alternative D	54.2	51.3	47.2	45.5	46.2	49.4	52.4	53.2	53.9	54.0	54.7	56.5
Difference	-1.1	-0.5	0.0	0.4	0.0	0.1	0.6	0.2	0.4	0.2	-0.6	-1.0
Percent Difference	-2.0%	-1.0%	0.1%	0.8%	0.1%	0.2%	1.1%	0.3%	0.7%	0.3%	-1.0%	-1.7%
Critical (15%)												
No Action Alternative	58.8	51.6	46.4	45.1	46.8	49.6	51.7	54.1	55.2	57.3	59.1	61.7
Alternative D	57.5	51.3	46.7	45.4	46.9	49.7	52.4	54.4	55.2	56.6	56.8	59.8
Difference	-1.3	-0.3	0.3	0.3	0.2	0.1	0.7	0.3	-0.1	-0.7	-2.3	-1.9
Percent Difference	-2.2%	-0.6%	0.7%	0.7%	0.4%	0.3%	1.4%	0.6%	-0.1%	-1.3%	-3.9%	-3.0%

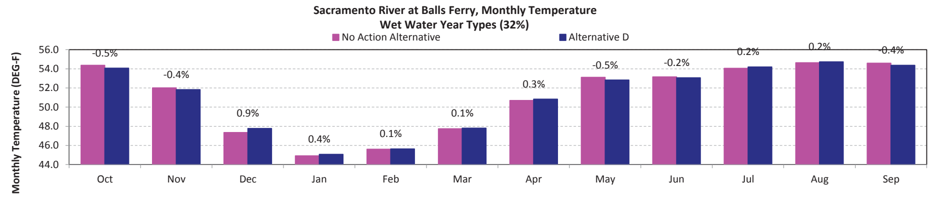
1 Based on the 82-year simulation period

2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

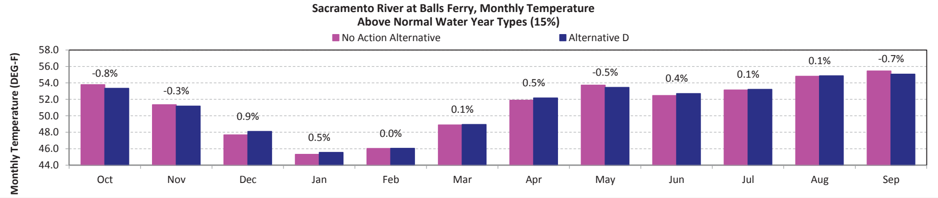
3 Relative difference of the monthly average



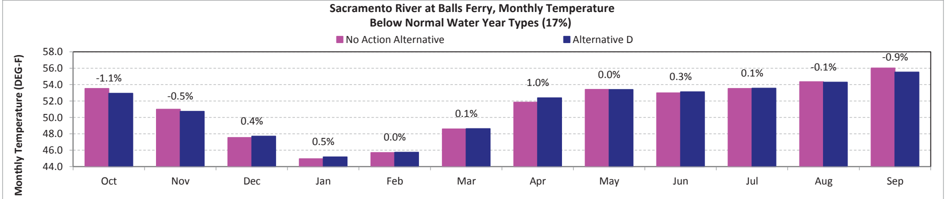
Sacramento River at Balls Ferry, Monthly Temperature
Full Simulation Period



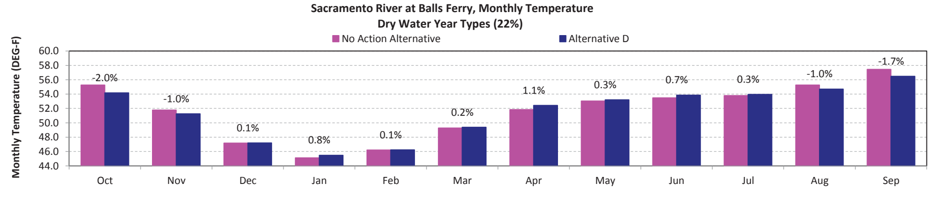
Sacramento River at Balls Ferry, Monthly Temperature
Wet Water Year Types (32%)



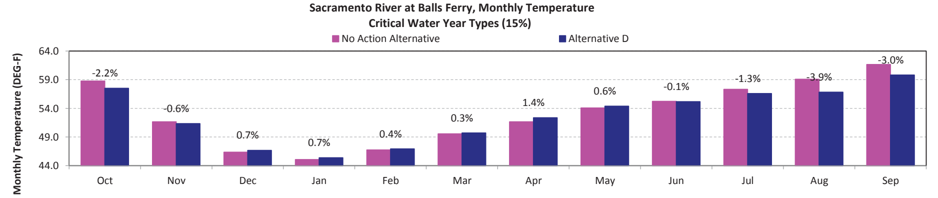
Sacramento River at Balls Ferry, Monthly Temperature
Above Normal Water Year Types (15%)



Sacramento River at Balls Ferry, Monthly Temperature
Below Normal Water Year Types (17%)



Sacramento River at Balls Ferry, Monthly Temperature
Dry Water Year Types (22%)



Sacramento River at Balls Ferry, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-03-9b
Sacramento River at Balls Ferry, Monthly Temperature
Probability of Exceedance

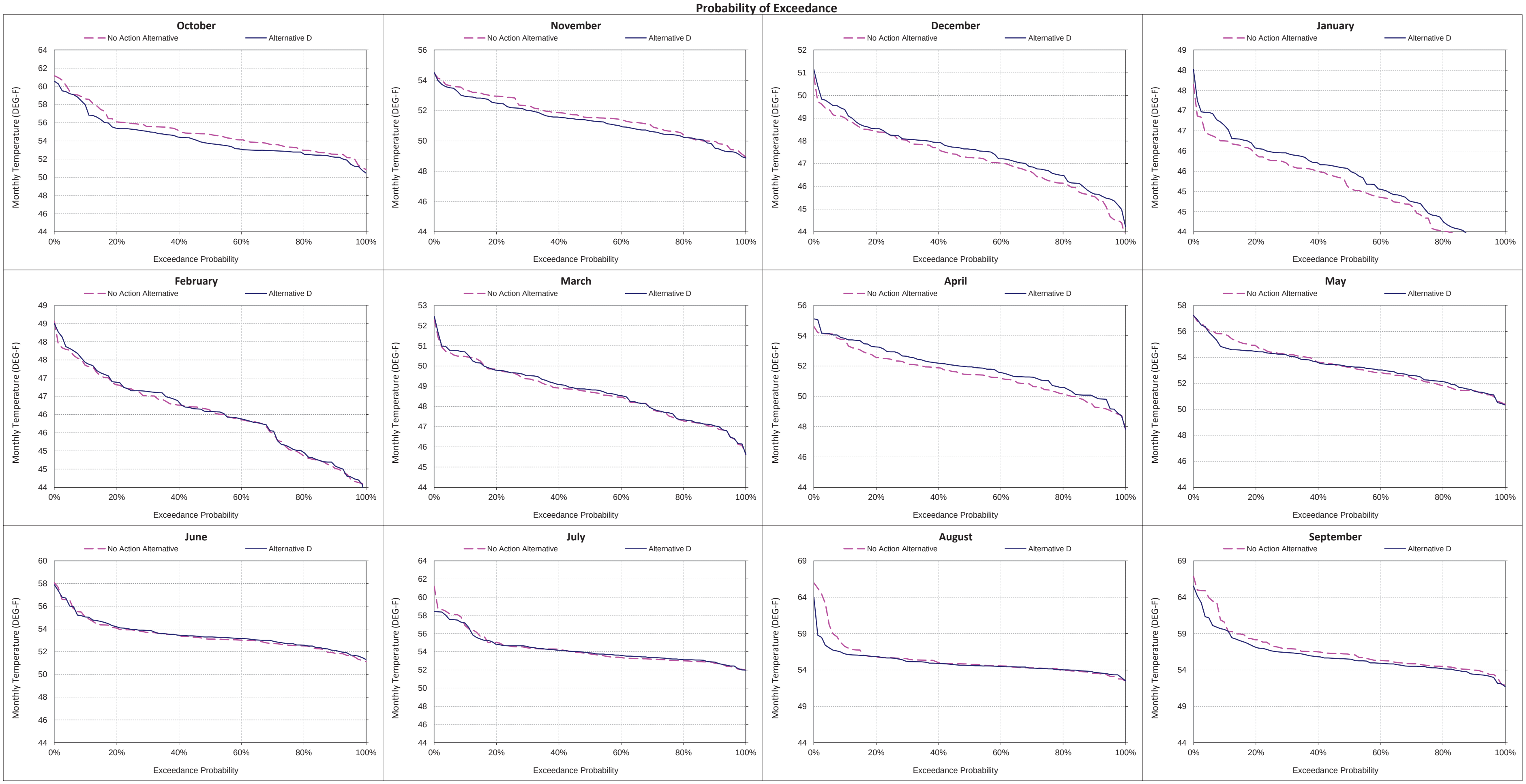


Table SQ-03-9b

Sacramento River at Balls Ferry, Monthly Temperature

Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	61.2	60.6	-0.6	-1.0%
1.2%	61.0	60.3	-0.7	-1.1%
2.5%	60.7	59.5	-1.2	-2.0%
3.7%	60.1	59.4	-0.7	-1.2%
4.9%	59.5	59.2	-0.3	-0.4%
6.2%	59.1	59.1	0.0	0.0%
7.4%	59.1	58.8	-0.2	-0.4%
8.6%	58.9	58.4	-0.5	-0.8%
9.9%	58.6	58.0	-0.7	-1.1%
11.1%	58.6	56.8	-1.7	-3.0%
12.3%	58.1	56.8	-1.3	-2.3%
13.6%	57.9	56.6	-1.2	-2.1%
14.8%	57.5	56.4	-1.1	-1.9%
16.0%	57.3	56.0	-1.3	-2.2%
17.3%	56.5	56.0	-0.5	-0.8%
18.5%	56.4	55.6	-0.9	-1.6%
19.8%	56.1	55.4	-0.7	-1.2%
21.0%	56.1	55.4	-0.7	-1.3%
22.2%	56.0	55.3	-0.7	-1.2%
23.5%	56.0	55.3	-0.6	-1.1%
24.7%	55.9	55.3	-0.6	-1.1%
25.9%	55.9	55.3	-0.6	-1.1%
27.2%	55.8	55.2	-0.6	-1.2%
28.4%	55.8	55.1	-0.7	-1.3%
29.6%	55.6	55.1	-0.5	-0.9%
30.9%	55.6	55.0	-0.6	-1.1%
32.1%	55.6	54.9	-0.6	-1.1%
33.3%	55.6	54.8	-0.7	-1.3%
34.6%	55.5	54.8	-0.8	-1.4%
35.8%	55.5	54.7	-0.8	-1.5%
37.0%	55.4	54.7	-0.8	-1.4%
38.3%	55.4	54.6	-0.8	-1.4%
39.5%	55.2	54.4	-0.8	-1.4%
40.7%	55.0	54.4	-0.6	-1.1%
42.0%	54.9	54.4	-0.5	-0.9%
43.2%	54.8	54.3	-0.5	-0.9%
44.4%	54.8	54.2	-0.6	-1.2%
45.7%	54.8	54.0	-0.8	-1.4%
46.9%	54.8	53.9	-0.9	-1.6%
48.1%	54.8	53.8	-1.0	-1.8%
49.4%	54.8	53.7	-1.0	-1.8%
50.6%	54.7	53.7	-1.0	-1.8%
51.9%	54.6	53.6	-1.0	-1.8%
53.1%	54.5	53.6	-1.0	-1.8%
54.3%	54.4	53.5	-0.9	-1.7%
55.6%	54.3	53.4	-0.9	-1.6%
56.8%	54.3	53.4	-0.9	-1.6%
58.0%	54.1	53.1	-1.0	-1.9%
59.3%	54.1	53.1	-1.0	-1.8%
60.5%	54.1	53.0	-1.1	-2.0%
61.7%	53.9	53.0	-0.9	-1.7%
63.0%	53.9	53.0	-0.9	-1.7%
64.2%	53.8	53.0	-0.9	-1.6%
65.4%	53.8	53.0	-0.8	-1.6%
66.7%	53.8	53.0	-0.8	-1.6%
67.9%	53.7	52.9	-0.8	-1.5%
69.1%	53.6	52.9	-0.7	-1.3%
70.4%	53.6	52.9	-0.7	-1.3%
71.6%	53.6	52.9	-0.7	-1.3%
72.8%	53.5	52.9	-0.6	-1.1%
74.1%	53.4	52.9	-0.5	-0.9%
75.3%	53.3	52.8	-0.5	-0.9%
76.5%	53.3	52.8	-0.5	-1.0%
77.8%	53.2	52.8	-0.5	-0.9%
79.0%	53.0	52.8	-0.3	-0.5%
80.2%	53.0	52.5	-0.4	-0.8%
81.5%	53.0	52.5	-0.4	-0.8%
82.7%	52.9	52.5	-0.4	-0.8%
84.0%	52.8	52.4	-0.4	-0.7%
85.2%	52.7	52.4	-0.3	-0.5%
86.4%	52.7	52.4	-0.3	-0.5%
87.7%	52.7	52.4	-0.3	-0.5%
88.9%	52.5	52.3	-0.3	-0.5%
90.1%	52.5	52.2	-0.3	-0.6%
91.4%	52.5	52.2	-0.3	-0.6%
92.6%	52.5	52.0	-0.5	-0.9%
93.8%	52.2	51.9	-0.3	-0.6%
95.1%	52.1	51.4	-0.7	-1.3%
96.3%	52.0	51.2	-0.8	-1.5%
97.5%	51.3	51.2	-0.1	-0.3%
98.8%	51.1	50.8	-0.3	-0.6%
100.0%	50.8	50.5	0.0	-0.7%

November				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	54.5	54.5	0.0	0.0%
1.2%	54.1	54.0	-0.2	-0.3%
2.5%	54.0	53.7	-0.3	-0.6%
3.7%	53.7	53.6	-0.1	-0.3%
4.9%	53.7	53.5	-0.1	-0.3%
6.2%	53.6	53.5	-0.1	-0.2%
7.4%	53.6	53.3	-0.3	-0.6%
8.6%	53.5	53.0	-0.5	-1.0%
9.9%	53.3	52.9	-0.4	-0.7%
11.1%	53.3	52.9	-0.4	-0.7%
12.3%	53.2	52.9	-0.3	-0.6%
13.6%	53.2	52.8	-0.4	-0.7%
14.8%	53.2	52.8	-0.3	-0.7%
16.0%	53.1	52.8	-0.3	-0.5%
17.3%	53.0	52.7	-0.3	-0.6%
18.5%	53.0	52.6	-0.4	-0.8%
19.8%	53.0	52.5	-0.4	-0.8%
21.0%	52.9	52.5	-0.5	-0.9%
22.2%	52.9	52.5	-0.5	-0.9%
23.5%	52.9	52.3	-0.6	-1.2%
24.7%	52.9	52.2	-0.7	-1.3%
25.9%	52.8	52.2	-0.6	-1.2%
27.2%	52.4	52.2	-0.2	-0.4%
28.4%	52.3	52.1	-0.2	-0.4%
29.6%	52.3	52.0	-0.3	-0.6%
30.9%	52.3	52.0	-0.3	-0.5%
32.1%	52.2	51.9	-0.2	-0.4%
33.3%	52.1	51.9	-0.2	-0.5%
34.6%	52.0	51.8	-0.3	-0.5%
35.8%	52.0	51.7	-0.3	-0.6%
37.0%	51.9	51.6	-0.3	-0.6%
38.3%	51.9	51.6	-0.3	-0.6%
39.5%	51.9	51.6	-0.3	-0.6%
40.7%	51.9	51.5	-0.3	-0.6%
42.0%	51.8	51.5	-0.3	-0.6%
43.2%	51.8	51.5	-0.3	-0.6%
44.4%	51.7	51.5	-0.3	-0.5%
45.7%	51.7	51.4	-0.3	-0.6%
46.9%	51.6	51.4	-0.2	-0.5%
48.1%	51.6	51.4	-0.2	-0.3%
49.4%	51.5	51.4	-0.2	-0.4%
50.6%	51.5	51.3	-0.2	-0.4%
51.9%	51.5	51.3	-0.2	-0.5%
53.1%	51.5	51.3	-0.3	-0.5%
54.3%	51.5	51.2	-0.3	-0.5%
55.6%	51.5	51.1	-0.4	-0.7%
56.8%	51.5	51.1	-0.4	-0.8%
58.0%	51.5	51.0	-0.4	-0.8%
59.3%	51.4	51.0	-0.4	-0.8%
60.5%	51.4	50.9	-0.5	-0.9%
61.7%	51.3	50.9	-0.4	-0.7%
63.0%	51.2	50.9	-0.4	-0.7%
64.2%	51.2	50.8	-0.4	-0.8%
65.4%	51.2	50.8	-0.4	-0.9%
66.7%	51.2	50.7	-0.4	-0.9%
67.9%	51.1	50.7	-0.4	-0.8%
69.1%	51.1	50.6	-0.5	-0.9%
70.4%	50.9	50.6	-0.3	-0.6%
71.6%	50.8	50.6	-0.3	-0.5%
72.8%	50.8	50.5	-0.3	-0.6%
74.1%	50.7	50.4	-0.2	-0.5%
75.3%	50.6	50.4	-0.2	-0.4%
76.5%	50.6	50.4	-0.2	-0.4%
77.8%	50.6	50.4	-0.2	-0.4%
79.0%	50.6	50.3	-0.2	-0.4%
80.2%	50.4	50.2	-0.1	-0.3%
81.5%	50.2	50.2	0.0	-0.1%
82.7%	50.2	50.2	0.0	0.1%
84.0%	50.1	50.1	0.1	0.1%
85.2%	50.1	50.1	0.1	0.1%
86.4%	50.0	50.0	0.1	0.1%
87.7%	50.0	49.9	-0.1	-0.3%
88.9%	50.0	49.8	-0.2	-0.3%
90.1%	50.0	49.5	-0.5	-0.9%
91.4%	49.8	49.5	-0.3	-0.7%
92.6%	49.8	49.4	-0.4	-0.9%
93.8%	49.7	49.3	-0.4	-0.9%
95.1%	49.4	49.3	-0.1	-0.3%
96.3%	49.4	49.3	-0.1	-0.3%
97.5%	49.3	49.1	-0.2	-0.4%
98.8%	49.1	49.0	-0.2	-0.3%
100.0%	48.9	48.9	-0.1	-0.1%

December				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	50.9	51.1	0.3	0.6%
1.2%	49.7	50.4	0.7	1.4%
2.5%	49.6	49.8	0.2	0.4%
3.7%	49.4	49.8	0.4	0.7%
4.9%	49.4	49.7	0.3	0.6%
6.2%	49.1	49.6	0.4	0.8%
7.4%	49.1	49.6	0.5	0.9%
8.6%	49.1	49.4	0.4	0.7%
9.9%	49.0	49.4	0.4	0.7%
11.1%	48.9	49.1	0.2	0.4%
12.3%	48.8	49.0	0.2	0.4%
13.6%	48.7	48.8	0.1	0.3%
14.8%	48.6	48.7	0.1	0.3%
16.0%	48.5	48.7	0.1	0.3%
17.3%	48.5	48.6	0.1	0.2%
18.5%	48.5	48.5	0.1	0.2%
19.8%	48.4	48.5	0.1	0.3%
21.0%	48.4	48.5	0.2	0.3%
22.2%	48.4	48.5	0.1	0.2%
23.5%	48.4	48.3	0.0	0.0%
24.7%	48.2	48.3	0.0	0.1%
25.9%	48.2	48.2	0.0	0.0%
27.2%	48.1	48.2	0.2	0.4%
28.4%	48.1	48.1	0.0	0.1%
29.6%	48.0	48.1	0.0	0.1%
30.9%	47.9	48.1	0.1	0.3%
32.1%	47.9	48.1	0.2	0.4%
33.3%	47.8	48.0	0.2	0.4%
34.6%	47.8	48.0	0.2	0.4%
35.8%	47.8	48.0	0.2	0.4%
37.0%	47.8	48.0	0.2	0.4%
38.3%	47.7	47.9	0.2	0.5%
39.5%	47.7	47.9	0.2	0.5%
40.7%	47.6	47.9	0.4	0.8%
42.0%	47.5	47.8	0.3	0.6%
43.2%	47.5	47.8	0.3	0.6%
44.4%	47.4	47.7	0.3	0.6%
45.7%	47.4	47.7	0.3	0.6%
46.9%	47.3	47.7	0.4	0.8%
48.1%	47.3	47.7	0.3	0.7%
49.4%	47.3	47.6	0.4	0.8%
50.6%	47.3	47.6	0.4	0.8%
51.9%	47.2	47.6	0.4	0.8%
53.1%	47.2	47.6	0.3	0.7%
54.3%	47.2	47.5	0.3	0.7%
55.6%	47.1	47.5	0.4	0.9%
56.8%	47.1	47.5	0.5	1.0%
58.0%	47.0	47.4	0.4	0.8%
59.3%	47.0	47.2	0.2	0.4%
60.5%	47.0	47.2	0.2	0.4%
61.7%	47.0	47.2	0.2	0.4%
63.0%	46.9	47.2	0.2	0.5%
64.2%	46.9	47.1	0.2	0.5%
65.4%	46.8	47.1	0.2	0.5%
66.7%	46.8	47.0	0.3	0.5%
67.9%	46.7	47.0	0.3	0.6%
69.1%	46.7	46.9	0.2	0.4%
70.4%	46.6	46.8	0.3	0.6%
71.6%	46.4	46.8	0.3	0.7%
72.8%	46.4	46.8	0.3	0.7%
74.1%	46.3	46.7	0.4	0.9%
75.3%	46.2	46.7	0.4	1.0%
76.5%	46.2	46.6	0.3	0.7%
77.8%	46.2	46.5	0.4	0.8%
79.0%	46.1	46.5	0.4	0.8%
80.2%	46.1	46.5	0.3	0.7%
81.5%	46.1	46.2	0.1	0.3%
82.7%	46.0	46.2	0.2	0.4%
84.0%	45.9	46.1	0.2	0.4%
85.2%	45.7	46.1	0.4	0.8%
86.4%	45.7	46.0	0.3	0.7%
87.7%	45.6	45.8	0.2	0.4%
88.9%	45.6	45.7	0.1	0.3%
90.1%	45.6	45.7	0.1	0.2%
91.4%	45.4	45.7	0.3	0.6%
92.6%	45.4	45.6	0.2	0.4%
93.8%	45.1	45.5	0.4	0.9%
95.1%	44.7	45.4	0.8	1.7%
96.3%	44.5	45.4	0.8	1.9%
97.5%	44.5	45.2	0.7	1.5%
98.8%	44.4	45.0	0.6	1.3%
100.0%	43.7	44.2	0.5	1.2%

January				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	47.6	48.0	0.4	0.8%
1.2%	46.9	47.2	0.4	0.8%
2.5%	46.8	47.0	0.1	0.3%
3.7%	46.5	47.0	0.5	1.1%
4.9%	46.4	47.0	0.5	1.2%
6.2%	46.4	46.9	0.6	1.2%
7.4%	46.3	46.8	0.4	1.0%
8.6%	46.3	46.7	0.5	1.0%
9.9%	46.2	46.6	0.4	0.8%
11.1%	46.2	46.5	0.3	0.6%
12.3%	46.2	46.3	0.1	0.3%
13.6%	46.2	46.3	0.1	0.3%
14.8%	46.1	46.3	0.2	0.3%
16.0%	46.1	46.3	0.2	0.4%
17.3%	46.1	46.3	0.2	0.4%
18.5%	46.0	46.2	0.2	0.4%
19.8%	45.9	46.1	0.1	0.3%
21.0%	45.9	46.1	0.2	0.4%
22.2%	45.9	46.0	0.2	0.4%
23.5%	45.8	46.0	0.2	0.5%
24.7%	45.8	46.0	0.2	0.5%
25.9%	45.8	46.0	0.2	0.4%
27.2%	45.8	46.0	0.2	0.4%
28.4%	45.7	46.0	0.2	0.5%
29.6%	45.7	46.0	0.2	0.5%
30.9%	45.6	45.9	0.3	0.6%
32.1%	45.6	45.9	0.3	0.6%
33.3%	45.6	45.9	0.3	0.7%
34.6%	45.6	45.9	0.3	0.6%
35.8%	45.6	45.8	0.3	0.6%
37.0%	45.6	45.8	0.2	0.5%
38.3%	45.5	45.7	0.2	0.4%
39.5%	45.5	45.7	0.2	0.5%
40.7%	45.5	45.7	0.2	0.4%
42.0%	45.5	45.7	0.2	0.4%
43.2%	45.4	45.6	0.2	0.5%
44.4%	45.4	45.6	0.2	0.5%
45.7%	45.4	45.6	0.3	0.6%
46.9%	45.3	45.6	0.3	0.6%
48.1%	45.3	45.6	0.3	0.6%
49.4%	45.1	45.6	0.4	1.0%
50.6%	45.1	45.5	0.4	0.9%
51.9%	45.0	45.4	0.4	0.9%
53.1%	45.0	45.4	0.4	0.8%
54.3%	45.0	45.3	0.4	0.8%
55.6%	45.0	45.2	0.2	0.5%
56.8%	44.9	45.2	0.3	0.6%
58.0%	44.9	45.2	0.3	0.6%
59.3%	44.9	45.1	0.2	0.4%
60.5%	44.8	45.0	0.2	0.4%
61.7%	44.8	45.0	0.2	0.4%
63.0%	44.8	45.0	0.1	0.3%
64.2%	44.7	44.9	0.2	0.4%
65.4%	44.7	44.9	0.2	0.4%
66.7%	44.7	44.9	0.2	0.4%
67.9%	44.7	44.9	0.2	0.4%
69.1%	44.7	44.8	0.1	0.2%
70.4%	44.6	44.7	0.1	0.3%
71.6%	44.5	44.7	0.3	0.6%
72.8%	44.4	44.7	0.3	0.6%
74.1%	44.3	44.6	0.2	0.5%
75.3%	44.3	44.5	0.1	0.3%
76.5%	44.1	44.4	0.3	0.8%
77.8%	44.0	44.4	0.4	0.8%
79.0%	44.0	44.4	0.3	0.8%
80.2%	44.0	44.2	0.2	0.5%
81.5%	44.0	44.2	0.2	0.4%
82.7%	44.0	44.1	0.1	0.3%
84.0%	43.9	44.1	0.2	0.3%
85.2%	43.8	44.1	0.3	0.6%
86.4%	43.7	44.0	0.3	0.7%
87.7%	43.7	44.0	0.3	0.6%
88.9%	43.7	43.9	0.2	0.5%
90.1%	43.7	43.8	0.2	0.4%
91.4%	43.7	43.8	0.1	0.3%
92.6%	43.6	43.8	0.1	0.3%
93.8%	43.3	43.7	0.4	0.9%
95.1%	43.3	43.7	0.3	0.8%
96.3%	42.9	43.6	0.7	1.6%
97.5%	42.9	43.0	0.1	0.2%
98.8%	42.9	42.9	0.1	0.2%
100.0%	42.5	42.7	0.2	0.5%

Table SQ-03-9b

Sacramento River at Balls Ferry, Monthly Temperature

Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	48.6	48.5	-0.1	-0.1%
1.2%	47.9	48.3	0.3	0.7%
2.5%	47.8	48.1	0.3	0.6%
3.7%	47.8	47.9	0.1	0.2%
4.9%	47.8	47.8	0.0	0.1%
6.2%	47.6	47.8	0.1	0.3%
7.4%	47.5	47.7	0.1	0.3%
8.6%	47.5	47.6	0.0	0.1%
9.9%	47.4	47.4	0.1	0.2%
11.1%	47.3	47.4	0.1	0.2%
12.3%	47.3	47.3	0.0	0.1%
13.6%	47.2	47.2	0.1	0.1%
14.8%	47.1	47.1	0.1	0.2%
16.0%	47.0	47.1	0.1	0.2%
17.3%	47.0	47.1	0.0	0.1%
18.5%	46.9	46.9	0.0	0.1%
19.8%	46.8	46.9	0.1	0.2%
21.0%	46.8	46.9	0.1	0.2%
22.2%	46.7	46.7	0.0	0.0%
23.5%	46.7	46.7	0.0	0.0%
24.7%	46.7	46.7	0.0	-0.1%
25.9%	46.6	46.7	0.0	0.0%
27.2%	46.6	46.7	0.0	0.1%
28.4%	46.5	46.6	0.1	0.3%
29.6%	46.5	46.6	0.1	0.3%
30.9%	46.5	46.6	0.1	0.2%
32.1%	46.5	46.6	0.1	0.2%
33.3%	46.4	46.6	0.2	0.4%
34.6%	46.4	46.6	0.2	0.4%
35.8%	46.4	46.5	0.1	0.3%
37.0%	46.3	46.5	0.2	0.4%
38.3%	46.3	46.4	0.1	0.3%
39.5%	46.3	46.4	0.1	0.3%
40.7%	46.3	46.3	0.0	0.0%
42.0%	46.2	46.2	0.0	0.0%
43.2%	46.2	46.2	0.0	0.0%
44.4%	46.2	46.2	0.0	-0.1%
45.7%	46.2	46.2	-0.1	-0.1%
46.9%	46.2	46.2	0.0	-0.1%
48.1%	46.2	46.1	-0.1	-0.2%
49.4%	46.1	46.1	-0.1	-0.1%
50.6%	46.1	46.1	0.0	0.0%
51.9%	46.0	46.1	0.1	0.1%
53.1%	46.0	46.1	0.1	0.1%
54.3%	46.0	46.0	0.0	0.0%
55.6%	45.9	45.9	0.0	0.0%
56.8%	45.9	45.9	0.0	0.0%
58.0%	45.9	45.9	0.0	0.1%
59.3%	45.9	45.9	0.0	0.1%
60.5%	45.9	45.9	0.0	0.0%
61.7%	45.8	45.8	0.0	0.0%
63.0%	45.8	45.8	0.0	0.0%
64.2%	45.8	45.8	0.0	-0.1%
65.4%	45.8	45.8	0.0	0.0%
66.7%	45.8	45.7	0.0	0.0%
67.9%	45.7	45.7	0.0	0.1%
69.1%	45.5	45.6	0.0	0.1%
70.4%	45.5	45.5	0.1	0.2%
71.6%	45.3	45.3	0.0	0.0%
72.8%	45.3	45.2	-0.1	-0.2%
74.1%	45.1	45.2	0.0	0.1%
75.3%	45.0	45.1	0.1	0.2%
76.5%	45.0	45.0	0.0	0.1%
77.8%	45.0	45.0	0.0	0.1%
79.0%	44.9	45.0	0.1	0.2%
80.2%	44.8	44.9	0.1	0.2%
81.5%	44.8	44.8	0.0	0.1%
82.7%	44.8	44.8	0.0	0.1%
84.0%	44.8	44.8	0.0	0.0%
85.2%	44.7	44.7	0.0	0.0%
86.4%	44.7	44.7	0.0	0.0%
87.7%	44.6	44.7	0.1	0.1%
88.9%	44.6	44.7	0.1	0.2%
90.1%	44.5	44.6	0.1	0.1%
91.4%	44.5	44.5	0.0	0.1%
92.6%	44.4	44.5	0.1	0.2%
93.8%	44.4	44.3	-0.1	-0.1%
95.1%	44.2	44.3	0.1	0.1%
96.3%	44.2	44.2	0.1	0.2%
97.5%	44.1	44.2	0.1	0.2%
98.8%	44.1	44.1	0.0	-0.1%
100.0%	43.4	43.4	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	52.3	52.5	0.1	0.2%
1.2%	51.4	51.7	0.2	0.5%
2.5%	50.9	51.0	0.1	0.1%
3.7%	50.7	51.0	0.3	0.5%
4.9%	50.7	50.8	0.1	0.2%
6.2%	50.6	50.8	0.2	0.4%
7.4%	50.5	50.8	0.3	0.5%
8.6%	50.5	50.7	0.2	0.5%
9.9%	50.5	50.7	0.2	0.5%
11.1%	50.4	50.5	0.1	0.2%
12.3%	50.4	50.3	-0.2	-0.3%
13.6%	50.4	50.2	-0.2	-0.4%
14.8%	50.2	50.1	-0.1	-0.2%
16.0%	50.0	50.0	0.0	-0.1%
17.3%	49.9	49.9	0.1	0.1%
18.5%	49.9	49.9	0.0	0.0%
19.8%	49.8	49.8	-0.1	-0.1%
21.0%	49.8	49.8	0.0	0.0%
22.2%	49.7	49.8	0.0	0.1%
23.5%	49.7	49.7	0.0	0.0%
24.7%	49.7	49.7	0.0	-0.1%
25.9%	49.6	49.7	0.0	0.1%
27.2%	49.5	49.6	0.1	0.2%
28.4%	49.4	49.6	0.2	0.4%
29.6%	49.4	49.5	0.2	0.3%
30.9%	49.4	49.5	0.2	0.3%
32.1%	49.3	49.5	0.2	0.4%
33.3%	49.3	49.5	0.2	0.4%
34.6%	49.2	49.3	0.2	0.4%
35.8%	49.1	49.3	0.2	0.4%
37.0%	49.1	49.2	0.2	0.3%
38.3%	48.9	49.2	0.2	0.5%
39.5%	48.9	49.1	0.2	0.4%
40.7%	48.9	49.1	0.2	0.4%
42.0%	48.9	49.1	0.2	0.4%
43.2%	48.9	49.0	0.1	0.2%
44.4%	48.9	48.9	0.1	0.2%
45.7%	48.8	48.9	0.0	0.1%
46.9%	48.8	48.9	0.1	0.2%
48.1%	48.8	48.9	0.1	0.2%
49.4%	48.7	48.8	0.1	0.2%
50.6%	48.7	48.8	0.1	0.2%
51.9%	48.7	48.8	0.1	0.3%
53.1%	48.6	48.8	0.1	0.3%
54.3%	48.6	48.7	0.2	0.4%
55.6%	48.5	48.6	0.1	0.2%
56.8%	48.5	48.6	0.1	0.2%
58.0%	48.5	48.6	0.1	0.2%
59.3%	48.5	48.5	0.1	0.2%
60.5%	48.5	48.5	0.1	0.1%
61.7%	48.3	48.5	0.1	0.3%
63.0%	48.2	48.2	0.0	0.1%
64.2%	48.2	48.2	0.0	0.1%
65.4%	48.2	48.2	0.0	0.0%
66.7%	48.2	48.1	0.0	0.0%
67.9%	48.1	48.1	0.0	0.0%
69.1%	48.0	48.0	0.0	0.0%
70.4%	47.8	47.9	0.0	0.1%
71.6%	47.8	47.8	0.0	0.1%
72.8%	47.7	47.8	0.0	0.1%
74.1%	47.7	47.7	0.0	0.0%
75.3%	47.5	47.7	0.2	0.3%
76.5%	47.5	47.6	0.2	0.3%
77.8%	47.4	47.4	0.0	0.1%
79.0%	47.3	47.3	0.0	0.0%
80.2%	47.3	47.3	0.1	0.1%
81.5%	47.3	47.3	0.0	0.1%
82.7%	47.2	47.3	0.1	0.1%
84.0%	47.2	47.2	0.0	0.0%
85.2%	47.2	47.2	0.0	0.0%
86.4%	47.1	47.1	0.0	0.0%
87.7%	47.0	47.1	0.1	0.2%
88.9%	47.0	47.1	0.1	0.2%
90.1%	47.0	47.0	0.0	0.1%
91.4%	46.9	47.0	0.1	0.3%
92.6%	46.8	46.8	0.0	0.0%
93.8%	46.8	46.8	0.0	0.0%
95.1%	46.5	46.5	0.0	0.0%
96.3%	46.4	46.4	0.0	0.1%
97.5%	46.1	46.2	0.0	0.1%
98.8%	46.1	46.1	0.1	0.2%
100.0%	45.6	45.6	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.6	55.1	0.5	0.9%
1.2%	54.2	55.1	0.9	1.6%
2.5%	54.2	54.2	0.0	0.0%
3.7%	54.1	54.1	0.0	0.0%
4.9%	54.1	54.1	0.0	0.0%
6.2%	54.1	54.1	-0.1	-0.1%
7.4%	53.8	54.0	0.2	0.4%
8.6%	53.8	53.9	0.1	0.2%
9.9%	53.7	53.8	0.1	0.2%
11.1%	53.3	53.7	0.4	0.8%
12.3%	53.2	53.7	0.5	1.0%
13.6%	53.2	53.7	0.5	1.0%
14.8%	53.1	53.7	0.6	1.1%
16.0%	52.9	53.5	0.5	1.0%
17.3%	52.8	53.4	0.6	1.2%
18.5%	52.8	53.3	0.5	1.0%
19.8%	52.6	53.3	0.7	1.3%
21.0%	52.5	53.2	0.7	1.3%
22.2%	52.5	53.1	0.6	1.2%
23.5%	52.5	53.0	0.5	0.9%
24.7%	52.4	52.9	0.5	1.0%
25.9%	52.3	52.9	0.6	1.1%
27.2%	52.3	52.8	0.5	1.0%
28.4%	52.3	52.7	0.4	0.7%
29.6%	52.2	52.6	0.5	0.9%
30.9%	52.1	52.6	0.5	0.9%
32.1%	52.1	52.5	0.5	0.9%
33.3%	52.1	52.4	0.4	0.7%
34.6%	52.0	52.4	0.4	0.7%
35.8%	51.9	52.3	0.4	0.7%
37.0%	51.9	52.3	0.3	0.6%
38.3%	51.9	52.2	0.3	0.6%
39.5%	51.9	52.2	0.3	0.6%
40.7%	51.9	52.2	0.3	0.6%
42.0%	51.7	52.1	0.4	0.8%
43.2%	51.7	52.1	0.4	0.7%
44.4%	51.6	52.1	0.4	0.8%
45.7%	51.6	52.0	0.4	0.8%
46.9%	51.5	52.0	0.5	0.9%
48.1%	51.5	52.0	0.5	1.0%
49.4%	51.4	51.9	0.5	1.0%
50.6%	51.4	51.9	0.5	1.0%
51.9%	51.4	51.9	0.5	0.9%
53.1%	51.4	51.9	0.5	0.9%
54.3%	51.4	51.9	0.5	0.9%
55.6%	51.3	51.8	0.5	0.9%
56.8%	51.3	51.8	0.5	1.0%
58.0%	51.2	51.7	0.5	1.0%
59.3%	51.2	51.6	0.3	0.7%
60.5%	51.2	51.5	0.4	0.8%
61.7%	51.1	51.5	0.4	0.7%
63.0%	51.1	51.4	0.3	0.6%
64.2%	51.1	51.3	0.3	0.5%
65.4%	50.9	51.3	0.4	0.8%
66.7%	50.9	51.3	0.4	0.8%
67.9%	50.8	51.3	0.5	0.9%
69.1%	50.8	51.3	0.5	0.9%
70.4%	50.6	51.3	0.6	1.2%
71.6%	50.6	51.2	0.5	1.1%
72.8%	50.6	51.1	0.5	1.0%
74.1%	50.4	51.0	0.6	1.2%
75.3%	50.4	51.0	0.6	1.2%
76.5%	50.4	50.7	0.4	0.7%
77.8%	50.3	50.7	0.4	0.7%
79.0%	50.2	50.6	0.4	0.8%
80.2%	50.2	50.6	0.4	0.9%
81.5%	50.1	50.5	0.4	0.8%
82.7%	50.0	50.3	0.3	0.7%
84.0%	50.0	50.1	0.1	0.3%
85.2%	49.9	50.1	0.2	0.4%
86.4%	49.8	50.1	0.3	0.6%
87.7%	49.6	50.1	0.5	0.9%
88.9%	49.6	50.1	0.5	1.0%
90.1%	49.3	50.0	0.7	1.4%
91.4%	49.3	49.8	0.6	1.2%
92.6%	49.2	49.8	0.6	1.2%
93.8%	49.2	49.8	0.6	1.3%
95.1%	49.1	49.2	0.1	0.2%
96.3%	48.9	49.2	0.3	0.5%
97.5%	48.8	48.9	0.1	0.1%
98.8%	48.7	48.7	0.0	0.0%
100.0%	47.8	47.8	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	57.2	57.2	0.0	0.0%
1.2%	56.8	56.9	0.1	0.2%
2.5%	56.7	56.5	-0.2	-0.3%
3.7%	56.3	56.4	0.1	0.1%
4.9%	56.1	56.0	-0.1	-0.3%
6.2%	56.0	55.7	-0.4	-0.7%
7.4%	55.8	55.3	-0.5	-0.9%
8.6%	55.8	54.8	-1.0	-1.8%
9.9%	55.8	54.7	-1.1	-1.9%
11.1%	55.7	54.7	-1.0	-1.8%
12.3%	55.4	54.6	-0.8	-1.5%
13.6%	55.3	54.6	-0.7	-1.3%
14.8%	55.2	54.6	-0.6	-1.1%
16.0%	55.1	54.5	-0.5	-1.0%
17.3%	55.0	54.5	-0.5	-0.9%
18.5%	54.9	54.5	-0.4	-0.8%
19.8%	54.9	54.5	-0.5	-0.8%
21.0%	54.7	54.4	-0.3	-0.5%
22.2%	54.7	54.4	-0.3	-0.5%
23.5%	54.5	54.4	-0.1	-0.3%
24.7%	54.4	54.3	-0.1	-0.2%
25.9%	54.4	54.3	-0.1	-0.2%
27.2%	54.3	54.2	-0.1	-0.1%
28.4%	54.3	54.2	-0.1	-0.1%
29.6%	54.2	54.2	0.0	0.0%
30.9%	54.2	54.1	-0.1	-0.2%
32.1%	54.2	54.1	-0.1	-0.2%
33.3%	54.1	54.0	-0.2	-0.3%
34.6%	54.1	53.8	-0.2	-0.4%
35.8%	54.0	53.8	-0.2	-0.4%
37.0%	54.0	53.8	-0.2	-0.3%
38.3%	53.9	53.7	-0.2	-0.4%
39.5%	53.7	53.7	0.0	0.0%
40.7%	53.6	53.5	-0.1	-0.1%
42.0%	53.6	53.5	-0.1	-0.2%
43.2%	53.5	53.5	-0.1	-0.1%
44.4%	53.5	53.4	-0.1	-0.1%
45.7%	53.4	53.4	0.0	0.1%
46.9%	53.3	53.4	0.1	0.1%
48.1%	53.3	53.4	0.1	0.1%
49.4%	53.3	53.3	0.0	0.1%
50.6%	53.2	53.3	0.0	0.1%
51.9%	53.1	53.3	0.1	0.2%
53.1%	53.1	53.2	0.2	0.3%
54.3%	53.0	53.2	0.2	0.3%
55.6%	52.9	53.1	0.2	0.4%
56.8%	52.9	53.1	0.2	0.4%
58.0%	52.9	53.1	0.2	0.5%
59.3%	52.8	53.0	0.2	0.4%
60.5%	52.8	53.0	0.2	0.4%
61.7%	52.7	53.0	0.2	0.4%
63.0%	52.7	52.9	0.2	0.4%
64.2%	52.6	52.9	0.3	0.5%
65.4%	52.6	52.8	0.1	0.3%
66.7%	52.6	52.8	0.2	0.3%
67.9%	52.6	52.7	0.2	0.3%
69.1%	52.5	52.6	0.1	0.2%
70.4%	52.4	52.6	0.2	0.4%
71.6%	52.3	52.6	0.3	0.5%
72.8%	52.3	52.5	0.2	0.4%
74.1%	52.1	52.3	0.1	0.3%
75.3%	52.1	52.2	0.2	0.3%
76.5%	52.1	52.2	0.2	0.3%
77.8%	52.0	52.2	0.2	0.4%
79.0%	51.9	52.1	0.3	0.5%
80.2%	51.8	52.1	0.3	0.6%
81.5%	51.8	52.0	0.3	0.6%
82.7%	51.6	51.9	0.3	0.5%
84.0%	51.5	51.9	0.4	0.7%
85.2%	51.5	51.7	0.2	0.4%
86.4%	51.4	51.7	0.2	0.4%
87.7%	51.4	51.6	0.1	0.3%
88.9%	51.4	51.5	0.1	0.2%
90.1%	51.4	51.4	0.0	-0.1%
91.4%	51.3	51.3	0.0	0.0%
92.6%	51.2	51.3	0.1	0.2%
93.8%	51.1	51.2	0.1	0.2%
95.1%	51.1	51.1	0.0	0.1%
96.3%	51.0	51.1	0.1	0.2%
97.5%	50.6	50.5	-0.1	-0.3%
98.8%	50.5	50.5	-0.1	-0.1%
100.0%	50.4	50.3	-0.1	-0.1%

Table SQ-03-9b

Sacramento River at Balls Ferry, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	58.1	57.9	-0.2	-0.3%
1.2%	57.7	57.4	-0.3	-0.5%
2.5%	56.6	56.8	0.2	0.3%
3.7%	56.6	56.7	0.1	0.2%
4.9%	56.5	56.0	-0.5	-0.9%
6.2%	55.7	55.9	0.2	0.4%
7.4%	55.5	55.2	-0.3	-0.6%
8.6%	55.5	55.2	-0.3	-0.6%
9.9%	55.0	55.1	0.0	0.0%
11.1%	54.9	55.0	0.2	0.3%
12.3%	54.7	54.8	0.1	0.2%
13.6%	54.4	54.7	0.3	0.6%
14.8%	54.4	54.7	0.3	0.6%
16.0%	54.4	54.6	0.2	0.4%
17.3%	54.3	54.5	0.1	0.2%
18.5%	54.1	54.3	0.2	0.3%
19.8%	54.1	54.2	0.1	0.2%
21.0%	54.0	54.1	0.1	0.3%
22.2%	53.9	54.1	0.1	0.3%
23.5%	53.9	54.0	0.1	0.2%
24.7%	53.9	54.0	0.0	0.1%
25.9%	53.9	54.0	0.1	0.1%
27.2%	53.8	53.9	0.1	0.1%
28.4%	53.8	53.9	0.1	0.3%
29.6%	53.7	53.9	0.2	0.3%
30.9%	53.7	53.9	0.2	0.3%
32.1%	53.7	53.7	0.1	0.1%
33.3%	53.6	53.6	0.0	0.0%
34.6%	53.6	53.6	0.0	0.0%
35.8%	53.5	53.6	0.0	0.1%
37.0%	53.5	53.5	0.0	0.0%
38.3%	53.5	53.5	0.0	0.0%
39.5%	53.5	53.5	0.0	-0.1%
40.7%	53.4	53.4	0.1	0.1%
42.0%	53.4	53.4	0.1	0.1%
43.2%	53.3	53.4	0.1	0.1%
44.4%	53.3	53.4	0.1	0.2%
45.7%	53.3	53.4	0.1	0.2%
46.9%	53.2	53.3	0.1	0.2%
48.1%	53.1	53.3	0.2	0.3%
49.4%	53.1	53.3	0.2	0.4%
50.6%	53.1	53.3	0.2	0.4%
51.9%	53.1	53.3	0.2	0.3%
53.1%	53.1	53.3	0.2	0.3%
54.3%	53.1	53.3	0.2	0.3%
55.6%	53.1	53.2	0.2	0.3%
56.8%	53.1	53.2	0.1	0.3%
58.0%	53.0	53.2	0.1	0.3%
59.3%	53.0	53.2	0.1	0.3%
60.5%	53.0	53.2	0.2	0.3%
61.7%	53.0	53.1	0.1	0.3%
63.0%	53.0	53.1	0.1	0.2%
64.2%	53.0	53.0	0.1	0.1%
65.4%	52.9	53.0	0.1	0.2%
66.7%	52.9	53.0	0.1	0.3%
67.9%	52.8	53.0	0.2	0.4%
69.1%	52.7	53.0	0.3	0.5%
70.4%	52.7	52.9	0.2	0.4%
71.6%	52.7	52.8	0.1	0.3%
72.8%	52.6	52.8	0.1	0.3%
74.1%	52.6	52.7	0.1	0.2%
75.3%	52.6	52.7	0.1	0.3%
76.5%	52.5	52.7	0.2	0.3%
77.8%	52.5	52.6	0.1	0.1%
79.0%	52.5	52.6	0.1	0.1%
80.2%	52.5	52.6	0.1	0.1%
81.5%	52.5	52.5	0.0	0.0%
82.7%	52.4	52.5	0.1	0.3%
84.0%	52.3	52.4	0.1	0.2%
85.2%	52.3	52.4	0.1	0.2%
86.4%	52.2	52.3	0.1	0.1%
87.7%	51.9	52.2	0.3	0.6%
88.9%	51.9	52.1	0.2	0.4%
90.1%	51.9	52.1	0.3	0.5%
91.4%	51.8	52.0	0.2	0.4%
92.6%	51.8	51.9	0.1	0.3%
93.8%	51.7	51.9	0.2	0.5%
95.1%	51.7	51.7	0.0	0.1%
96.3%	51.5	51.7	0.1	0.2%
97.5%	51.3	51.6	0.3	0.5%
98.8%	51.2	51.5	0.2	0.5%
100.0%	51.1	51.3	0.2	0.3%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	61.2	58.4	-2.8	-4.6%
1.2%	58.7	58.4	-0.3	-0.5%
2.5%	58.7	58.4	-0.3	-0.5%
3.7%	58.5	58.0	-0.4	-0.7%
4.9%	58.2	57.5	-0.6	-1.1%
6.2%	58.1	57.5	-0.6	-1.0%
7.4%	58.1	57.5	-0.6	-1.0%
8.6%	57.8	57.3	-0.6	-1.0%
9.9%	56.9	57.2	0.3	0.5%
11.1%	56.5	56.7	0.1	0.2%
12.3%	56.4	55.8	-0.6	-1.0%
13.6%	56.1	55.6	-0.6	-1.0%
14.8%	55.7	55.4	-0.3	-0.5%
16.0%	55.7	55.3	-0.4	-0.8%
17.3%	55.0	55.2	0.2	0.4%
18.5%	55.0	55.1	0.1	0.1%
19.8%	55.0	54.8	-0.2	-0.3%
21.0%	55.0	54.8	-0.2	-0.3%
22.2%	54.7	54.7	0.0	-0.1%
23.5%	54.7	54.7	0.0	-0.1%
24.7%	54.6	54.7	0.1	0.1%
25.9%	54.5	54.7	0.1	0.2%
27.2%	54.5	54.6	0.1	0.2%
28.4%	54.5	54.6	0.1	0.2%
29.6%	54.5	54.6	0.1	0.3%
30.9%	54.4	54.5	0.1	0.2%
32.1%	54.3	54.4	0.1	0.2%
33.3%	54.3	54.3	0.0	0.0%
34.6%	54.3	54.3	0.0	0.0%
35.8%	54.3	54.3	0.0	0.0%
37.0%	54.3	54.3	0.0	-0.1%
38.3%	54.3	54.2	-0.1	-0.1%
39.5%	54.3	54.2	-0.1	-0.2%
40.7%	54.2	54.1	-0.1	-0.1%
42.0%	54.1	54.1	0.0	0.0%
43.2%	54.1	54.1	0.0	0.0%
44.4%	54.0	54.0	0.0	0.0%
45.7%	53.9	54.0	0.1	0.2%
46.9%	53.9	54.0	0.1	0.1%
48.1%	53.8	53.9	0.1	0.2%
49.4%	53.8	53.9	0.1	0.1%
50.6%	53.7	53.8	0.1	0.2%
51.9%	53.7	53.8	0.1	0.2%
53.1%	53.6	53.8	0.2	0.3%
54.3%	53.6	53.7	0.2	0.3%
55.6%	53.5	53.7	0.2	0.4%
56.8%	53.4	53.7	0.3	0.5%
58.0%	53.4	53.6	0.2	0.4%
59.3%	53.4	53.6	0.2	0.4%
60.5%	53.3	53.6	0.2	0.4%
61.7%	53.3	53.5	0.2	0.5%
63.0%	53.3	53.5	0.2	0.4%
64.2%	53.2	53.5	0.2	0.5%
65.4%	53.2	53.5	0.2	0.4%
66.7%	53.2	53.4	0.2	0.4%
67.9%	53.2	53.4	0.2	0.4%
69.1%	53.2	53.4	0.2	0.3%
70.4%	53.2	53.3	0.2	0.3%
71.6%	53.2	53.3	0.2	0.3%
72.8%	53.1	53.3	0.2	0.3%
74.1%	53.1	53.3	0.2	0.3%
75.3%	53.1	53.2	0.2	0.3%
76.5%	53.0	53.2	0.2	0.3%
77.8%	53.0	53.2	0.2	0.3%
79.0%	53.0	53.2	0.1	0.3%
80.2%	53.0	53.1	0.1	0.2%
81.5%	53.0	53.1	0.1	0.3%
82.7%	52.9	53.1	0.2	0.3%
84.0%	52.9	53.1	0.2	0.3%
85.2%	52.9	53.1	0.2	0.3%
86.4%	52.9	53.0	0.2	0.3%
87.7%	52.9	52.9	0.0	0.1%
88.9%	52.9	52.9	0.0	0.0%
90.1%	52.7	52.9	0.1	0.3%
91.4%	52.7	52.7	0.0	0.0%
92.6%	52.6	52.6	0.0	0.0%
93.8%	52.4	52.5	0.1	0.2%
95.1%	52.4	52.4	0.1	0.1%
96.3%	52.3	52.4	0.1	0.2%
97.5%	52.1	52.1	0.0	0.1%
98.8%	52.1	52.0	-0.1	-0.2%
100.0%	52.0	52.0	0.0	0.0%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.0	64.0	-2.0	-3.0%
1.2%	65.2	58.8	-6.4	-9.9%
2.5%	64.5	58.5	-6.0	-9.3%
3.7%	63.1	57.4	-5.7	-9.1%
4.9%	60.2	57.0	-3.1	-5.2%
6.2%	59.0	56.7	-2.2	-3.8%
7.4%	58.6	56.6	-2.0	-3.3%
8.6%	57.7	56.5	-1.3	-2.2%
9.9%	57.2	56.2	-1.0	-1.8%
11.1%	57.0	56.1	-0.9	-1.6%
12.3%	56.8	56.1	-0.7	-1.3%
13.6%	56.8	56.1	-0.7	-1.2%
14.8%	56.7	56.0	-0.7	-1.3%
16.0%	56.0	56.0	0.0	0.0%
17.3%	55.9	55.9	0.0	0.0%
18.5%	55.8	55.9	0.0	0.1%
19.8%	55.8	55.9	0.1	0.1%
21.0%	55.7	55.8	0.0	0.1%
22.2%	55.7	55.7	0.0	0.0%
23.5%	55.7	55.7	0.0	0.0%
24.7%	55.7	55.6	0.0	-0.1%
25.9%	55.6	55.6	0.0	0.0%
27.2%	55.6	55.5	-0.1	-0.1%
28.4%	55.6	55.4	-0.2	-0.3%
29.6%	55.6	55.2	-0.4	-0.7%
30.9%	55.4	55.2	-0.3	-0.5%
32.1%	55.4	55.2	-0.2	-0.4%
33.3%	55.4	55.1	-0.2	-0.4%
34.6%	55.4	55.1	-0.3	-0.5%
35.8%	55.3	55.1	-0.3	-0.5%
37.0%	55.3	54.9	-0.4	-0.7%
38.3%	55.3	54.9	-0.4	-0.7%
39.5%	55.1	54.9	-0.2	-0.3%
40.7%	54.9	54.9	0.0	-0.1%
42.0%	54.9	54.8	-0.1	-0.1%
43.2%	54.9	54.8	0.0	-0.1%
44.4%	54.9	54.7	-0.1	-0.2%
45.7%	54.8	54.7	-0.2	-0.3%
46.9%	54.8	54.7	-0.2	-0.3%
48.1%	54.8	54.6	-0.2	-0.3%
49.4%	54.8	54.6	-0.2	-0.3%
50.6%	54.7	54.6	-0.1	-0.2%
51.9%	54.7	54.6	-0.2	-0.3%
53.1%	54.7	54.6	-0.2	-0.3%
54.3%	54.6	54.5	-0.1	-0.2%
55.6%	54.6	54.5	-0.1	-0.1%
56.8%	54.6	54.5	-0.1	-0.1%
58.0%	54.6	54.5	0.0	-0.1%
59.3%	54.6	54.5	-0.1	-0.2%
60.5%	54.5	54.5	-0.1	-0.2%
61.7%	54.5	54.4	-0.1	-0.1%
63.0%	54.5	54.4	0.0	-0.1%
64.2%	54.4	54.4	0.0	0.1%
65.4%	54.3	54.4	0.1	0.1%
66.7%	54.3	54.4	0.1	0.2%
67.9%	54.3	54.4	0.1	0.2%
69.1%	54.3	54.3	0.0	0.0%
70.4%	54.3	54.3	0.0	0.0%
71.6%	54.3	54.2	0.0	-0.1%
72.8%	54.2	54.2	0.0	-0.1%
74.1%	54.2	54.2	0.0	-0.1%
75.3%	54.2	54.1	-0.1	-0.1%
76.5%	54.2	54.1	-0.1	-0.1%
77.8%	54.2	54.0	-0.1	-0.3%
79.0%	54.0	54.0	0.1	0.1%
80.2%	53.9	54.0	0.1	0.1%
81.5%	53.9	54.0	0.1	0.1%
82.7%	53.9	54.0	0.1	0.2%
84.0%	53.8	54.0	0.1	0.3%
85.2%	53.8	53.9	0.1	0.1%
86.4%	53.7	53.9	0.1	0.2%
87.7%	53.7	53.8	0.1	0.2%
88.9%	53.6	53.8	0.2	0.4%
90.1%	53.5	53.6	0.1	0.3%
91.4%	53.5	53.6	0.1	0.2%
92.6%	53.4	53.5	0.1	0.2%
93.8%	53.4	53.5	0.1	0.3%
95.1%	53.1	53.4	0.2	0.5%
96.3%	53.1	53.3	0.2	0.5%
97.5%	52.8	53.3	0.6	1.1%
98.8%	52.7	52.9	0.2	0.3%
100.0%	52.5	52.5	0.0	0.1%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.8	65.5	-1.3	-2.0%
1.2%	65.0	64.2	-0.8	-1.3%
2.5%	64.9	63.3	-1.7	-2.6%
3.7%	64.9	61.3	-3.6	-5.5%
4.9%	63.9	61.2	-2.7	-4.3%
6.2%	63.5	60.1	-3.4	-5.3%
7.4%	63.4	59.9	-3.5	-5.5%
8.6%	60.9	59.7	-1.2	-2.0%
9.9%	60.6	59.6	-1.0	-1.6%
11.1%	59.3	59.3	0.0	0.0%
12.3%	59.3	58.4	-0.8	-1.4%
13.6%	58.9	58.2	-0.7	-1.2%
14.8%	58.9	58.0	-0.9	-1.5%
16.0%	58.9	57.9	-1.0	-1.7%
17.3%	58.3	57.6	-0.7	-1.2%
18.5%	58.3	57.4	-0.9	-1.6%
19.8%	58.2	57.1	-1.0	-1.8%
21.0%	58.1	57.0	-1.1	-2.0%
22.2%	57.8	57.0	-0.9	-1.5%
23.5%	57.8	56.8	-1.0	-1.8%
24.7%	57.4	56.6	-0.8	-1.4%
25.9%	57.2	56.5	-0.7	-1.2%
27.2%	57.1	56.5	-0.6	-1.1%
28.4%	57.0	56.4	-0.6	-1.0%
29.6%	56.9	56.4	-0.5	-1.0%
30.9%	56.9	56.4	-0.6	-1.0%
32.1%	56.9	56.3	-0.6	-1.0%
33.3%	56.8	56.2	-0.6	-1.1%
34.6%	56.6	56.2	-0.4	-0.6%
35.8%	56.6	56.1	-0.5	-0.8%
37.0%	56.5	56.0	-0.6	-1.0%
38.3%	56.5	55.9	-0.6	-1.1%
39.5%	56.5	55.8	-0.7	-1.2%
40.7%	56.4	55.8	-0.7	-1.2%
42.0%	56.3	55.7	-0.7	-1.2%
43.2%	56.3	55.6	-0.7	-1.2%
44.4%	56.3	55.6	-0.7	-1.2%
45.7%	56.2	55.6	-0.7	-1.2%
46.9%	56.2	55.5	-0.7	-1.3%
48.1%	56.2	55.5	-0.7	-1.2%
49.4%	56.2	55.5	-0.7	-1.2%
50.6%	56.1	55.5	-0.6	-1.0%
51.9%	56.1	55.3	-0.8	-1.4%
53.1%	55.7	55.3	-0.4	-0.8%
54.3%	55.7	55.2	-0.5	-0.8%
55.6%	55.6	55.2	-0.4	-0.7%
56.8%	55.4	55.0	-0.5	-0.9%
58.0%	55.3	54.9	-0.4	-0.7%
59.3%	55.3	54.9	-0.4	-0.7%
60.5%	55.3	54.9	-0.4	-0.7%
61.7%	55.3	54.8	-0.4	-0.7%
63.0%	55.2	54.8	-0.4	-0.7%
64.2%	55.1	54.8	-0.3	-0.5%
65.4%	55.0	54.7	-0.3	-0.5%
66.7%	55.0	54.6	-0.3	-0.6%
67.9%	54.9	54.5	-0.3	-0.6%
69.1%	54.9	54.5	-0.4	-0.7%
70.4%	54.8	54.5	-0.3	-0.6%
71.6%	54.8	54.5	-0.3	-0.6%
72.8%	54.7	54.5	-0.3	-0.5%
74.1%	54.7	54.5	-0.2	-0.4%
75.3%	54.6	54.3	-0.3	-0.5%
76.5%	54.5	54.3	-0.3	-0.5%
77.8%	54.5	54.3	-0.2	-0.4%
79.0%	54.5	54.2	-0.3	-0.5%
80.2%	54.5	54.1	-0.3	-0.6%
81.5%	54.4	54.1	-0.3	-0.6%
82.7%	54.4	54.1	-0.3	-0.5%
84.0%	54.3	54.0	-0.3	-0.5%
85.2%	54.2	53.9	-0.3	-0.5%
86.4%	54.1	53.8	-0.3	-0.6%
87.7%	54.1	53.7	-0.3	-0.6%
88.9%	54.0	53.5	-0.6	-1.0%
90.1%	54.0	53.4	-0.6	-1.0%
91.4%	53.9	53.3	-0.6	-1.1%
92.6%	53.8	53.3	-0.5	-0.9%
93.8%	53.6	53.2	-0.3	-0.6%
95.1%	53.4	53.1	-0.3	-0.5%
96.3%	53.4	53.0	-0.4	-0.7%
97.5%	53.0	52.1	-0.8	-1.6%
98.8%	52.0	52.1	0.1	0.2%
100.0%	51.9	51.7	-0.2	-0.3%

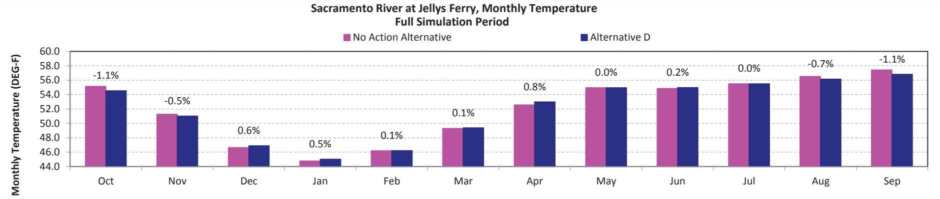
Table SQ-04-9a
Sacramento River at Jellys Ferry, Monthly Temperature
Long-term Average and Average by Water Year Type

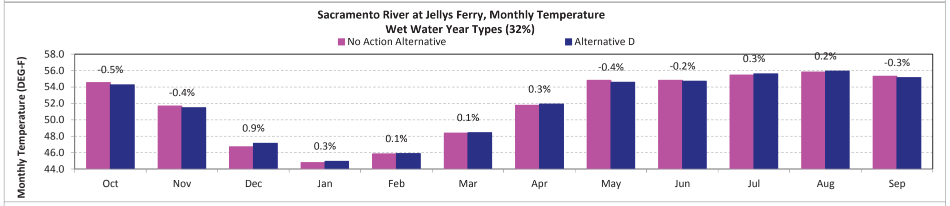
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	55.1	51.3	46.6	44.8	46.2	49.3	52.6	54.9	54.8	55.5	56.5	57.4
Alternative D	54.5	51.0	46.9	45.0	46.2	49.4	53.0	55.0	55.0	55.5	56.1	56.8
Difference	-0.6	-0.3	0.3	0.2	0.0	0.1	0.4	0.0	0.1	0.0	-0.4	-0.6
Percent Difference[3]	-1.1%	-0.5%	0.6%	0.5%	0.1%	0.1%	0.8%	0.0%	0.2%	0.0%	-0.7%	-1.1%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	54.5	51.7	46.7	44.8	45.9	48.4	51.8	54.8	54.8	55.5	55.8	55.3
Alternative D	54.3	51.5	47.1	44.9	45.9	48.4	51.9	54.6	54.7	55.6	55.9	55.1
Difference	-0.3	-0.2	0.4	0.1	0.0	0.1	0.1	-0.2	-0.1	0.1	0.1	-0.2
Percent Difference	-0.5%	-0.4%	0.9%	0.3%	0.1%	0.1%	0.3%	-0.4%	-0.2%	0.3%	0.2%	-0.3%
Above Normal (15%)												
No Action Alternative	54.1	51.0	47.1	45.0	46.3	49.5	53.0	55.5	54.0	54.4	56.0	56.3
Alternative D	53.7	50.9	47.5	45.3	46.3	49.6	53.3	55.3	54.3	54.5	56.1	56.0
Difference	-0.4	-0.1	0.4	0.2	0.0	0.0	0.3	-0.3	0.3	0.1	0.1	-0.3
Percent Difference	-0.7%	-0.3%	0.9%	0.5%	0.0%	0.1%	0.6%	-0.5%	0.5%	0.1%	0.2%	-0.6%
Below Normal (17%)												
No Action Alternative	53.8	50.7	46.9	44.6	45.9	49.2	53.0	55.0	54.4	54.7	55.5	57.0
Alternative D	53.3	50.5	47.1	44.8	45.9	49.3	53.6	55.0	54.5	54.8	55.5	56.6
Difference	-0.5	-0.2	0.1	0.2	0.0	0.0	0.6	0.1	0.2	0.0	0.0	-0.5
Percent Difference	-1.0%	-0.5%	0.3%	0.5%	0.0%	0.1%	1.1%	0.1%	0.3%	0.1%	0.0%	-0.8%
Dry (22%)												
No Action Alternative	55.4	51.4	46.6	44.7	46.4	50.0	53.0	54.5	54.8	55.0	56.4	58.4
Alternative D	54.5	50.9	46.6	45.1	46.4	50.0	53.6	54.7	55.2	55.2	55.9	57.5
Difference	-0.9	-0.4	0.0	0.4	0.0	0.1	0.6	0.2	0.4	0.2	-0.5	-0.8
Percent Difference	-1.7%	-0.9%	0.1%	0.8%	0.0%	0.1%	1.1%	0.3%	0.8%	0.4%	-0.9%	-1.4%
Critical (15%)												
No Action Alternative	58.7	51.2	45.8	44.7	46.9	50.2	52.6	55.3	56.4	58.3	60.0	62.1
Alternative D	57.5	50.9	46.0	45.0	47.1	50.3	53.4	55.7	56.3	57.7	57.9	60.5
Difference	-1.1	-0.3	0.3	0.3	0.1	0.1	0.7	0.4	0.0	-0.7	-2.2	-1.6
Percent Difference	-1.9%	-0.6%	0.5%	0.6%	0.3%	0.3%	1.4%	0.7%	0.0%	-1.1%	-3.6%	-2.6%

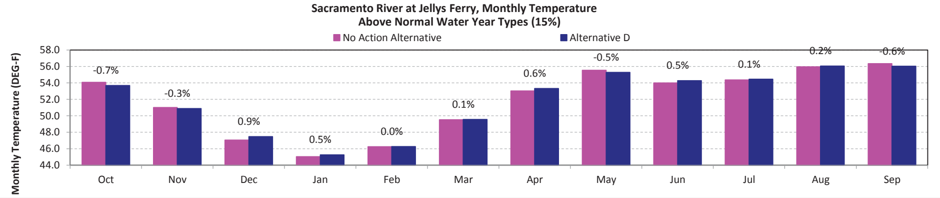
1 Based on the 82-year simulation period

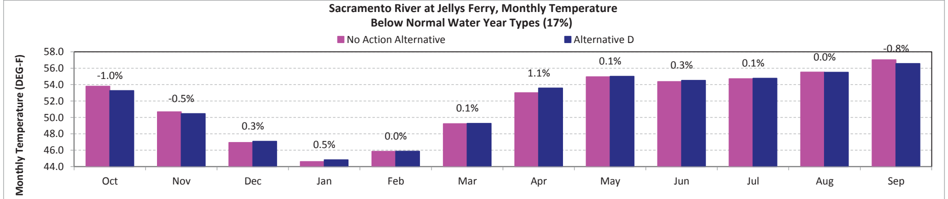
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

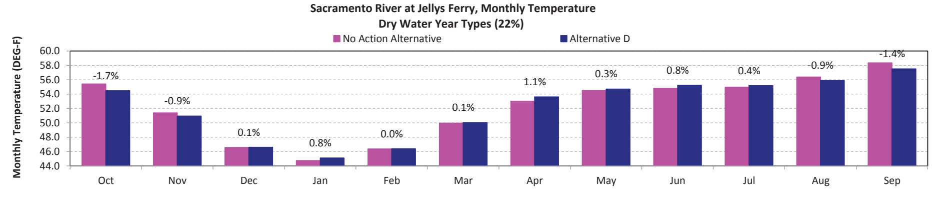
3 Relative difference of the monthly average


Sacramento River at Jellys Ferry, Monthly Temperature
Full Simulation Period


Sacramento River at Jellys Ferry, Monthly Temperature
Wet Water Year Types (32%)


Sacramento River at Jellys Ferry, Monthly Temperature
Above Normal Water Year Types (15%)


Sacramento River at Jellys Ferry, Monthly Temperature
Below Normal Water Year Types (17%)


Sacramento River at Jellys Ferry, Monthly Temperature
Dry Water Year Types (22%)

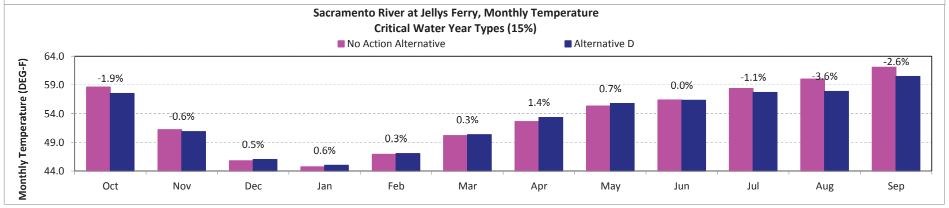

Sacramento River at Jellys Ferry, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-04-9b
Sacramento River at Jellys Ferry, Monthly Temperature
Probability of Exceedance

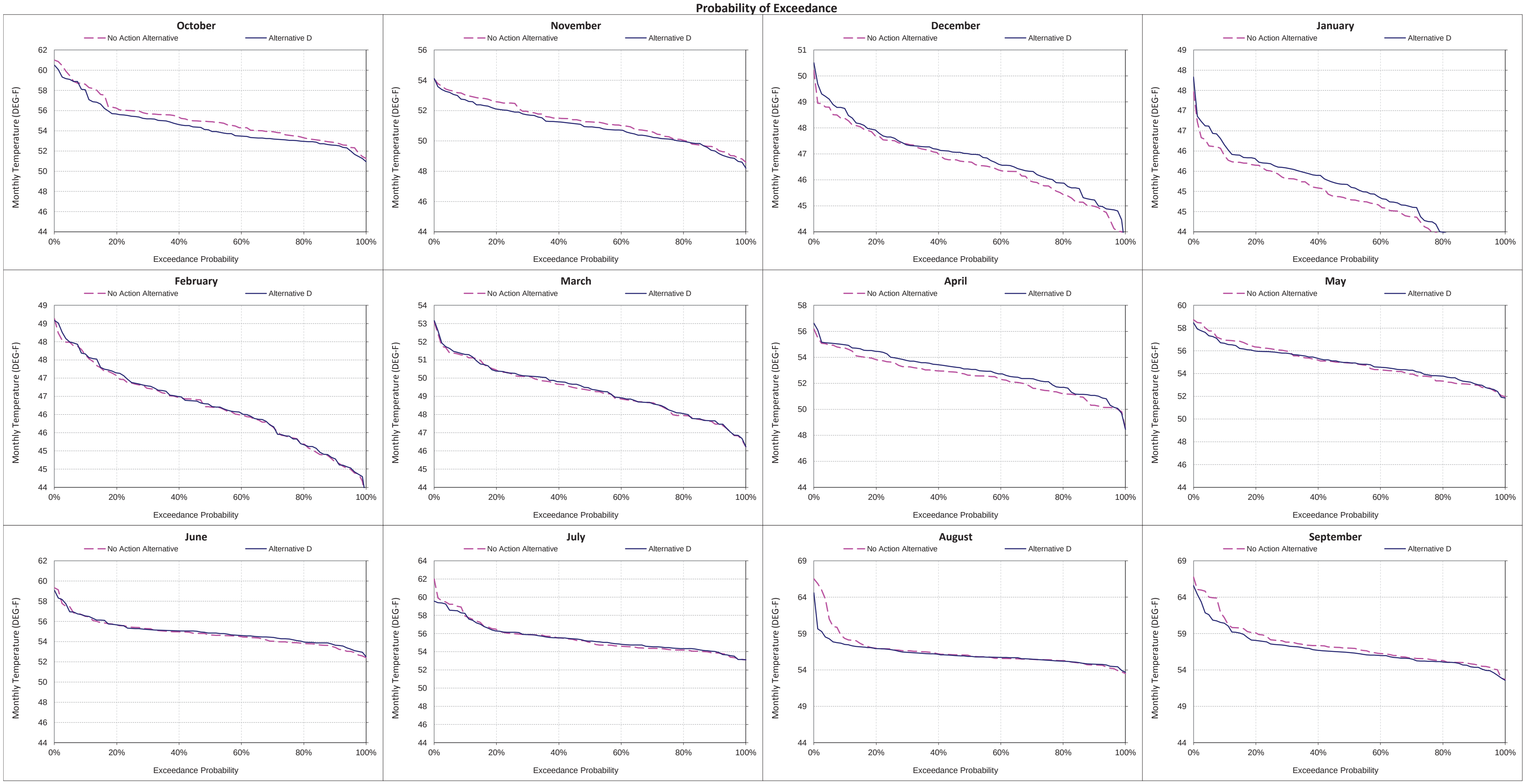


Table SQ-04-9b

Sacramento River at Jellys Ferry, Monthly Temperature

Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	61.0	60.5	-0.5	-0.8%
1.2%	60.9	60.1	-0.8	-1.3%
2.5%	60.5	59.3	-1.1	-1.9%
3.7%	59.9	59.2	-0.7	-1.2%
4.9%	59.5	59.1	-0.4	-0.6%
6.2%	58.9	58.9	0.0	0.0%
7.4%	58.7	58.9	0.2	0.3%
8.6%	58.7	58.1	-0.6	-1.0%
9.9%	58.6	58.1	-0.6	-1.0%
11.1%	58.3	57.1	-1.2	-2.0%
12.3%	58.2	56.9	-1.3	-2.3%
13.6%	58.0	56.8	-1.2	-2.1%
14.8%	57.6	56.7	-0.9	-1.6%
16.0%	57.5	56.2	-1.3	-2.3%
17.3%	56.4	56.0	-0.4	-0.7%
18.5%	56.3	55.7	-0.6	-1.1%
19.8%	56.3	55.7	-0.6	-1.1%
21.0%	56.1	55.6	-0.5	-0.8%
22.2%	56.0	55.6	-0.5	-0.8%
23.5%	56.0	55.5	-0.5	-0.9%
24.7%	56.0	55.4	-0.6	-1.0%
25.9%	56.0	55.4	-0.6	-1.0%
27.2%	56.0	55.4	-0.6	-1.1%
28.4%	55.8	55.2	-0.5	-1.0%
29.6%	55.7	55.2	-0.5	-0.9%
30.9%	55.7	55.2	-0.5	-0.9%
32.1%	55.7	55.2	-0.5	-0.9%
33.3%	55.6	55.0	-0.6	-1.0%
34.6%	55.6	55.0	-0.6	-1.1%
35.8%	55.6	55.0	-0.6	-1.1%
37.0%	55.6	54.9	-0.7	-1.3%
38.3%	55.5	54.8	-0.8	-1.4%
39.5%	55.4	54.6	-0.8	-1.4%
40.7%	55.2	54.6	-0.6	-1.2%
42.0%	55.2	54.5	-0.7	-1.2%
43.2%	55.0	54.5	-0.5	-1.0%
44.4%	55.0	54.4	-0.6	-1.1%
45.7%	55.0	54.4	-0.6	-1.1%
46.9%	55.0	54.3	-0.6	-1.1%
48.1%	54.9	54.1	-0.8	-1.5%
49.4%	54.9	54.1	-0.8	-1.5%
50.6%	54.9	53.9	-1.0	-1.7%
51.9%	54.8	53.9	-0.9	-1.7%
53.1%	54.8	53.9	-1.0	-1.8%
54.3%	54.7	53.8	-1.0	-1.8%
55.6%	54.6	53.7	-0.9	-1.6%
56.8%	54.5	53.7	-0.8	-1.5%
58.0%	54.5	53.5	-1.0	-1.7%
59.3%	54.3	53.5	-0.8	-1.5%
60.5%	54.3	53.5	-0.9	-1.6%
61.7%	54.3	53.4	-0.9	-1.6%
63.0%	54.1	53.3	-0.7	-1.3%
64.2%	54.1	53.3	-0.7	-1.4%
65.4%	54.0	53.3	-0.7	-1.4%
66.7%	54.0	53.3	-0.7	-1.4%
67.9%	53.9	53.2	-0.7	-1.3%
69.1%	53.9	53.2	-0.7	-1.3%
70.4%	53.9	53.2	-0.7	-1.3%
71.6%	53.8	53.1	-0.7	-1.2%
72.8%	53.8	53.1	-0.7	-1.2%
74.1%	53.6	53.1	-0.5	-0.9%
75.3%	53.6	53.1	-0.5	-0.9%
76.5%	53.5	53.0	-0.5	-0.9%
77.8%	53.5	53.0	-0.5	-0.9%
79.0%	53.4	53.0	-0.4	-0.8%
80.2%	53.3	52.9	-0.3	-0.6%
81.5%	53.2	52.9	-0.3	-0.5%
82.7%	53.2	52.9	-0.2	-0.4%
84.0%	53.1	52.9	-0.2	-0.5%
85.2%	53.1	52.7	-0.3	-0.6%
86.4%	53.0	52.7	-0.3	-0.5%
87.7%	52.9	52.6	-0.3	-0.5%
88.9%	52.9	52.6	-0.3	-0.5%
90.1%	52.8	52.6	-0.3	-0.5%
91.4%	52.7	52.5	-0.2	-0.4%
92.6%	52.6	52.4	-0.2	-0.5%
93.8%	52.6	52.3	-0.3	-0.5%
95.1%	52.3	52.0	-0.3	-0.7%
96.3%	52.3	51.7	-0.7	-1.3%
97.5%	51.8	51.5	-0.4	-0.7%
98.8%	51.5	51.3	-0.2	-0.4%
100.0%	51.3	50.9	0.0	-0.6%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.1	54.1	0.0	0.0%
1.2%	53.8	53.6	-0.2	-0.4%
2.5%	53.6	53.4	-0.2	-0.4%
3.7%	53.4	53.3	-0.2	-0.3%
4.9%	53.3	53.2	-0.1	-0.2%
6.2%	53.3	53.1	-0.2	-0.4%
7.4%	53.2	53.0	-0.2	-0.4%
8.6%	53.2	52.8	-0.4	-0.8%
9.9%	53.0	52.7	-0.3	-0.6%
11.1%	53.0	52.6	-0.4	-0.7%
12.3%	52.9	52.6	-0.3	-0.6%
13.6%	52.9	52.4	-0.5	-0.9%
14.8%	52.8	52.4	-0.4	-0.8%
16.0%	52.8	52.3	-0.5	-0.9%
17.3%	52.8	52.3	-0.5	-0.9%
18.5%	52.7	52.2	-0.5	-0.9%
19.8%	52.6	52.1	-0.5	-0.9%
21.0%	52.6	52.1	-0.5	-0.9%
22.2%	52.5	52.0	-0.5	-0.9%
23.5%	52.5	52.0	-0.5	-0.9%
24.7%	52.5	51.9	-0.5	-1.0%
25.9%	52.5	51.9	-0.6	-1.1%
27.2%	52.1	51.9	-0.2	-0.5%
28.4%	52.0	51.8	-0.2	-0.3%
29.6%	52.0	51.7	-0.2	-0.4%
30.9%	51.9	51.7	-0.2	-0.3%
32.1%	51.9	51.7	-0.2	-0.3%
33.3%	51.8	51.6	-0.2	-0.4%
34.6%	51.8	51.5	-0.3	-0.5%
35.8%	51.6	51.3	-0.3	-0.6%
37.0%	51.6	51.3	-0.3	-0.6%
38.3%	51.5	51.3	-0.2	-0.5%
39.5%	51.5	51.3	-0.3	-0.5%
40.7%	51.5	51.2	-0.2	-0.5%
42.0%	51.5	51.2	-0.3	-0.5%
43.2%	51.5	51.2	-0.3	-0.6%
44.4%	51.4	51.1	-0.3	-0.5%
45.7%	51.4	51.1	-0.3	-0.5%
46.9%	51.3	51.1	-0.2	-0.5%
48.1%	51.3	50.9	-0.3	-0.6%
49.4%	51.3	50.9	-0.3	-0.6%
50.6%	51.2	50.9	-0.3	-0.6%
51.9%	51.2	50.9	-0.3	-0.7%
53.1%	51.2	50.9	-0.3	-0.7%
54.3%	51.2	50.8	-0.4	-0.7%
55.6%	51.1	50.8	-0.3	-0.7%
56.8%	51.1	50.7	-0.4	-0.7%
58.0%	51.1	50.7	-0.3	-0.6%
59.3%	51.0	50.7	-0.3	-0.6%
60.5%	51.0	50.7	-0.3	-0.5%
61.7%	51.0	50.6	-0.4	-0.8%
63.0%	50.9	50.5	-0.4	-0.8%
64.2%	50.8	50.5	-0.3	-0.6%
65.4%	50.7	50.4	-0.4	-0.7%
66.7%	50.7	50.4	-0.3	-0.7%
67.9%	50.7	50.3	-0.3	-0.7%
69.1%	50.6	50.3	-0.4	-0.7%
70.4%	50.6	50.2	-0.4	-0.7%
71.6%	50.4	50.2	-0.2	-0.5%
72.8%	50.4	50.2	-0.2	-0.5%
74.1%	50.3	50.1	-0.2	-0.3%
75.3%	50.3	50.1	-0.2	-0.3%
76.5%	50.2	50.1	-0.1	-0.1%
77.8%	50.1	50.0	-0.1	-0.2%
79.0%	50.1	50.0	-0.1	-0.2%
80.2%	50.0	50.0	-0.1	-0.1%
81.5%	50.0	49.9	-0.1	-0.1%
82.7%	49.8	49.9	0.1	0.2%
84.0%	49.8	49.8	0.1	0.1%
85.2%	49.7	49.8	0.1	0.2%
86.4%	49.7	49.7	0.0	0.0%
87.7%	49.6	49.6	-0.1	-0.1%
88.9%	49.6	49.4	-0.3	-0.5%
90.1%	49.6	49.3	-0.2	-0.5%
91.4%	49.4	49.2	-0.2	-0.4%
92.6%	49.3	49.0	-0.2	-0.5%
93.8%	49.3	49.0	-0.3	-0.6%
95.1%	49.0	48.9	-0.1	-0.3%
96.3%	49.0	48.9	-0.2	-0.3%
97.5%	48.9	48.6	-0.2	-0.5%
98.8%	48.8	48.6	-0.2	-0.4%
100.0%	48.6	48.2	-0.4	-0.8%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.2	50.5	0.3	0.6%
1.2%	48.9	49.7	0.7	1.5%
2.5%	48.9	49.3	0.4	0.8%
3.7%	48.8	49.2	0.4	0.9%
4.9%	48.8	49.1	0.3	0.6%
6.2%	48.5	48.9	0.4	0.8%
7.4%	48.5	48.8	0.3	0.6%
8.6%	48.4	48.8	0.4	0.9%
9.9%	48.4	48.7	0.4	0.8%
11.1%	48.3	48.5	0.2	0.4%
12.3%	48.1	48.4	0.3	0.6%
13.6%	48.1	48.2	0.1	0.2%
14.8%	48.0	48.2	0.1	0.2%
16.0%	47.9	48.1	0.1	0.3%
17.3%	47.9	48.0	0.1	0.2%
18.5%	47.9	47.9	0.1	0.2%
19.8%	47.7	47.9	0.2	0.5%
21.0%	47.7	47.8	0.1	0.2%
22.2%	47.5	47.7	0.1	0.3%
23.5%	47.5	47.7	0.1	0.3%
24.7%	47.5	47.6	0.1	0.3%
25.9%	47.5	47.6	0.1	0.2%
27.2%	47.4	47.5	0.1	0.2%
28.4%	47.4	47.4	0.0	0.1%
29.6%	47.4	47.4	0.0	-0.1%
30.9%	47.4	47.3	0.0	-0.1%
32.1%	47.3	47.3	0.0	-0.1%
33.3%	47.2	47.3	0.1	0.1%
34.6%	47.2	47.3	0.1	0.2%
35.8%	47.2	47.3	0.1	0.2%
37.0%	47.1	47.3	0.1	0.3%
38.3%	47.1	47.2	0.1	0.3%
39.5%	47.1	47.2	0.1	0.3%
40.7%	46.9	47.1	0.2	0.5%
42.0%	46.8	47.1	0.3	0.7%
43.2%	46.8	47.1	0.3	0.7%
44.4%	46.8	47.1	0.3	0.6%
45.7%	46.8	47.1	0.3	0.6%
46.9%	46.7	47.1	0.3	0.7%
48.1%	46.7	47.0	0.3	0.7%
49.4%	46.7	47.0	0.3	0.7%
50.6%	46.7	47.0	0.3	0.7%
51.9%	46.6	47.0	0.4	0.8%
53.1%	46.5	47.0	0.4	0.9%
54.3%	46.5	46.9	0.3	0.7%
55.6%	46.5	46.8	0.3	0.7%
56.8%	46.5	46.7	0.3	0.5%
58.0%	46.4	46.7	0.2	0.5%
59.3%	46.4	46.6	0.2	0.5%
60.5%	46.3	46.6	0.2	0.5%
61.7%	46.3	46.6	0.2	0.5%
63.0%	46.3	46.6	0.2	0.5%
64.2%	46.3	46.5	0.2	0.4%
65.4%	46.3	46.4	0.1	0.2%
66.7%	46.2	46.4	0.2	0.5%
67.9%	46.1	46.4	0.2	0.5%
69.1%	46.0	46.3	0.4	0.8%
70.4%	45.9	46.3	0.4	0.9%
71.6%	45.9	46.2	0.3	0.7%
72.8%	45.8	46.1	0.3	0.7%
74.1%	45.8	46.1	0.3	0.7%
75.3%	45.8	46.0	0.3	0.6%
76.5%	45.7	46.0	0.4	0.8%
77.8%	45.6	45.9	0.3	0.7%
79.0%	45.5	45.9	0.4	0.8%
80.2%	45.4	45.9	0.5	1.0%
81.5%	45.4	45.7	0.4	0.8%
82.7%	45.3	45.7	0.4	0.9%
84.0%	45.2	45.7	0.5	1.2%
85.2%	45.1	45.7	0.5	1.1%
86.4%	45.1	45.3	0.2	0.4%
87.7%	45.0	45.3	0.3	0.6%
88.9%	45.0	45.2	0.2	0.5%
90.1%	45.0	45.2	0.2	0.5%
91.4%	44.9	45.0	0.1	0.1%
92.6%	44.8	45.0	0.2	0.4%
93.8%	44.7	44.9	0.1	0.3%
95.1%	44.5	44.9	0.4	0.9%
96.3%	44.1	44.8	0.7	1.6%
97.5%	44.0	44.8	0.8	1.8%
98.8%	44.0	44.5	0.5	1.0%
100.0%	42.9	43.3	0.4	0.9%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.5	47.8	0.4	0.8%
1.2%	46.7	46.9	0.1	0.3%
2.5%	46.3	46.7	0.4	0.9%
3.7%	46.3	46.6	0.3	0.7%
4.9%	46.1	46.6	0.5	1.1%
6.2%	46.1	46.4	0.3	0.7%
7.4%	46.1	46.4	0.3	0.7%
8.6%	46.1	46.3	0.2	0.5%
9.9%	45.9	46.2	0.3	0.6%
11.1%	45.8	46.0	0.3	0.6%
12.3%	45.7	45.9	0.2	0.4%
13.6%	45.7	45.9	0.2	0.4%
14.8%	45.7	45.9	0.2	0.4%
16.0%	45.7	45.8	0.1	0.3%
17.3%	45.7	45.8	0.1	0.3%
18.5%	45.7	45.8	0.2	0.4%
19.8%	45.7	45.8	0.2	0.4%
21.0%	45.6	45.7	0.1	0.2%
22.2%	45.6	45.7	0.1	0.3%
23.5%	45.5	45.7	0.2	0.4%
24.7%	45.5	45.7	0.2	0.4%
25.9%	45.5	45.6	0.2	0.3%
27.2%	45.4	45.6	0.2	0.4%
28.4%	45.4	45.6	0.2	0.5%
29.6%	45.3	45.6	0.3	0.6%
30.9%	45.3	45.6	0.2	0.5%
32.1%	45.3	45.5	0.2	0.5%
33.3%	45.3	45.5	0.2	0.5%
34.6%	45.2	45.5	0.2	0.5%
35.8%	45.2	45.5	0.2	0.5%
37.0%	45.2	45.4	0.3	0.6%
38.3%	45.1	45.4	0.3	0.7%
39.5%	45.1	45.4	0.3	0.7%
40.7%	45.1	45.4	0.3	0.7%
42.0%	45.1	45.3	0.3	0.6%
43.2%	44.9	45.3	0.3	0.7%
44.4%	44.9	45.2	0.3	0.8%
45.7%	44.9	45.2	0.3	0.7%
46.9%	44.9	45.2	0.3	0.7%
48.1%	44.9	45.2	0.3	0.7%
49.4%	44.8	45.2	0.4	0.8%
50.6%	44.8	45.1	0.3	0.7%
51.9%	44.8	45.1	0.3	0.7%
53.1%	44.8	45.0	0.3	0.6%
54.3%	44.7	45.0	0.2	0.6%
55.6%	44.7	45.0	0.2	0.6%
56.8%	44.7	44.9	0.2	0.5%
58.0%	44.7	44.9	0.2	0.5%
59.3%	44.7	44.9	0.2	0.4%
60.5%	44.6	44.8	0.2	0.5%
61.7%	44.6	44.8	0.2	0.5%
63.0%	44.5	44.7	0.2	0.5%
64.2%	44.5	44.7	0.2	0.5%
65.4%	44.5	44.7	0.2	0.5%
66.7%	44.5	44.7	0.2	0.5%
67.9%	44.4	44.7	0.3	0.6%
69.1%	44.4	44.6	0.3	0.6%
70.4%	44.4	44.6	0.2	0.5%
71.6%	44.4	44.6	0.2	0.5%
72.8%	44.2	44.4	0.1	0.3%
74.1%	44.1	44.3	0.1	0.3%
75.3%	44.1	44.3	0.2	0.4%
76.5%	44.0	44.2	0.3	0.6%
77.8%	44.0	44.2	0.2	0.5%
79.0%	43.9	44.0	0.1	0.2%
80.2%	43.9	44.0	0.1	0.2%
81.5%	43.7	44.0	0.2	0.5%
82.7%	43.7	43.9	0.3	0.6%
84.0%	43.6	43.9	0.3	0.7%
85.2%	43.6	43.9	0.3	0.6%
86.4%	43.6	43.8	0.2	0.5%
87.7%	43.5	43.8	0.2	0.5%
88.9%	43.5	43.7	0.2	0.5%
90.1%	43.5	43.7	0.1	0.3%
91.4%	43.5	43.6	0.1	0.2%
92.6%	43.5	43.6	0.1	0.2%
93.8%	43.4	43.6	0.2	0.4%
95.1%	43.3	43.5	0.3	0.6%
96.3%	42.9	43.3	0.4	0.9%
97.5%	42.8	42.9	0.1	0.3%
98.8%	42.7	42.9	0.2	0.4%
100.0%	42.4	42.8	0.4	1.0%

Table SQ-04-9b

Sacramento River at Jellys Ferry, Monthly Temperature
Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	48.6	48.6	-0.1	-0.1%
1.2%	48.2	48.5	0.3	0.6%
2.5%	48.0	48.3	0.2	0.4%
3.7%	48.0	48.1	0.1	0.2%
4.9%	48.0	48.0	0.0	0.0%
6.2%	47.9	48.0	0.1	0.2%
7.4%	47.9	47.9	0.1	0.1%
8.6%	47.8	47.7	-0.1	-0.2%
9.9%	47.6	47.7	0.0	0.1%
11.1%	47.5	47.6	0.0	0.1%
12.3%	47.5	47.5	0.1	0.2%
13.6%	47.3	47.5	0.2	0.4%
14.8%	47.3	47.3	0.0	0.0%
16.0%	47.2	47.2	0.1	0.1%
17.3%	47.2	47.2	0.0	0.1%
18.5%	47.1	47.2	0.1	0.1%
19.8%	47.1	47.1	0.1	0.1%
21.0%	47.0	47.1	0.2	0.3%
22.2%	47.0	47.1	0.1	0.2%
23.5%	46.9	47.0	0.1	0.2%
24.7%	46.9	46.9	0.0	0.0%
25.9%	46.8	46.9	0.0	0.1%
27.2%	46.8	46.8	0.0	0.1%
28.4%	46.8	46.8	0.0	0.0%
29.6%	46.7	46.8	0.1	0.1%
30.9%	46.7	46.8	0.1	0.1%
32.1%	46.7	46.7	0.0	0.1%
33.3%	46.6	46.7	0.0	0.0%
34.6%	46.6	46.7	0.1	0.1%
35.8%	46.6	46.6	0.1	0.1%
37.0%	46.5	46.5	0.0	0.0%
38.3%	46.5	46.5	0.0	0.0%
39.5%	46.5	46.5	0.0	0.1%
40.7%	46.4	46.5	0.0	0.1%
42.0%	46.4	46.4	0.0	-0.1%
43.2%	46.4	46.4	0.0	-0.1%
44.4%	46.4	46.4	0.0	-0.1%
45.7%	46.4	46.4	0.0	-0.1%
46.9%	46.4	46.3	-0.1	-0.2%
48.1%	46.2	46.3	0.1	0.2%
49.4%	46.2	46.3	0.1	0.2%
50.6%	46.2	46.2	0.0	0.0%
51.9%	46.2	46.2	0.0	0.0%
53.1%	46.2	46.2	0.0	0.0%
54.3%	46.1	46.2	0.0	0.0%
55.6%	46.1	46.1	0.0	0.1%
56.8%	46.1	46.1	0.0	0.0%
58.0%	46.0	46.1	0.1	0.1%
59.3%	46.0	46.1	0.1	0.2%
60.5%	46.0	46.0	0.0	0.1%
61.7%	45.9	46.0	0.1	0.1%
63.0%	45.9	46.0	0.0	0.1%
64.2%	45.9	45.9	0.0	0.0%
65.4%	45.9	45.9	0.0	0.0%
66.7%	45.8	45.9	0.1	0.1%
67.9%	45.8	45.8	0.0	0.0%
69.1%	45.7	45.7	0.0	0.0%
70.4%	45.6	45.7	0.0	0.1%
71.6%	45.5	45.5	-0.1	-0.1%
72.8%	45.4	45.5	0.0	0.0%
74.1%	45.4	45.4	0.0	0.0%
75.3%	45.4	45.4	0.0	0.1%
76.5%	45.4	45.3	0.0	-0.1%
77.8%	45.3	45.3	0.0	0.0%
79.0%	45.2	45.2	0.0	0.0%
80.2%	45.2	45.2	0.0	0.0%
81.5%	45.1	45.1	0.0	0.1%
82.7%	45.0	45.1	0.1	0.2%
84.0%	45.0	45.1	0.1	0.2%
85.2%	44.9	45.0	0.1	0.1%
86.4%	44.9	44.9	0.0	0.0%
87.7%	44.9	44.9	0.0	0.1%
88.9%	44.8	44.8	0.0	0.1%
90.1%	44.7	44.8	0.1	0.2%
91.4%	44.7	44.6	0.0	-0.1%
92.6%	44.6	44.6	0.0	0.1%
93.8%	44.5	44.6	0.0	0.1%
95.1%	44.5	44.5	0.0	0.1%
96.3%	44.4	44.4	0.0	0.1%
97.5%	44.4	44.4	0.0	0.0%
98.8%	44.2	44.3	0.1	0.3%
100.0%	43.7	43.7	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.1	53.2	0.1	0.1%
1.2%	52.4	52.6	0.2	0.4%
2.5%	51.8	51.9	0.2	0.4%
3.7%	51.7	51.7	0.0	0.1%
4.9%	51.4	51.6	0.2	0.5%
6.2%	51.4	51.5	0.1	0.2%
7.4%	51.3	51.4	0.1	0.1%
8.6%	51.3	51.4	0.1	0.2%
9.9%	51.3	51.3	0.0	0.1%
11.1%	51.1	51.3	0.2	0.3%
12.3%	51.1	51.2	0.0	0.1%
13.6%	51.1	50.9	-0.1	-0.2%
14.8%	51.0	50.8	-0.2	-0.4%
16.0%	50.7	50.7	0.0	0.0%
17.3%	50.6	50.7	0.1	0.1%
18.5%	50.5	50.5	-0.1	-0.1%
19.8%	50.5	50.4	-0.1	-0.1%
21.0%	50.3	50.4	0.0	0.1%
22.2%	50.3	50.4	0.0	0.1%
23.5%	50.3	50.3	0.0	-0.1%
24.7%	50.2	50.3	0.0	0.1%
25.9%	50.1	50.3	0.1	0.3%
27.2%	50.1	50.2	0.1	0.1%
28.4%	50.1	50.1	0.0	0.1%
29.6%	50.1	50.1	0.0	0.1%
30.9%	50.1	50.1	0.0	0.1%
32.1%	50.0	50.1	0.1	0.2%
33.3%	49.9	50.1	0.2	0.3%
34.6%	49.9	50.0	0.2	0.4%
35.8%	49.8	50.0	0.2	0.4%
37.0%	49.8	49.9	0.1	0.1%
38.3%	49.7	49.9	0.1	0.3%
39.5%	49.7	49.8	0.1	0.3%
40.7%	49.6	49.8	0.1	0.3%
42.0%	49.6	49.8	0.2	0.3%
43.2%	49.6	49.7	0.1	0.3%
44.4%	49.5	49.7	0.2	0.4%
45.7%	49.4	49.7	0.2	0.4%
46.9%	49.4	49.6	0.2	0.4%
48.1%	49.4	49.5	0.1	0.2%
49.4%	49.3	49.5	0.1	0.3%
50.6%	49.3	49.4	0.1	0.1%
51.9%	49.3	49.3	0.1	0.2%
53.1%	49.3	49.3	0.1	0.1%
54.3%	49.2	49.3	0.1	0.2%
55.6%	49.2	49.3	0.1	0.2%
56.8%	49.1	49.1	0.0	0.0%
58.0%	48.9	49.0	0.1	0.1%
59.3%	48.9	48.9	0.1	0.1%
60.5%	48.8	48.9	0.1	0.1%
61.7%	48.8	48.9	0.0	0.1%
63.0%	48.8	48.8	0.1	0.1%
64.2%	48.8	48.8	0.0	0.1%
65.4%	48.7	48.7	0.0	0.0%
66.7%	48.7	48.7	0.0	0.0%
67.9%	48.7	48.7	0.0	0.0%
69.1%	48.7	48.7	0.0	0.0%
70.4%	48.6	48.6	-0.1	-0.1%
71.6%	48.5	48.5	0.0	0.0%
72.8%	48.5	48.5	0.0	0.1%
74.1%	48.4	48.4	0.0	0.1%
75.3%	48.2	48.2	0.0	0.0%
76.5%	48.0	48.2	0.2	0.4%
77.8%	47.9	48.1	0.1	0.3%
79.0%	47.9	48.1	0.1	0.3%
80.2%	47.9	48.0	0.1	0.2%
81.5%	47.9	48.0	0.1	0.1%
82.7%	47.8	47.8	-0.1	-0.1%
84.0%	47.8	47.8	0.0	0.0%
85.2%	47.7	47.8	0.0	0.1%
86.4%	47.7	47.7	0.0	-0.1%
87.7%	47.6	47.7	0.0	0.1%
88.9%	47.6	47.7	0.0	0.1%
90.1%	47.5	47.7	0.2	0.4%
91.4%	47.5	47.5	0.0	0.0%
92.6%	47.4	47.5	0.1	0.1%
93.8%	47.2	47.2	0.0	0.0%
95.1%	47.0	47.0	0.0	0.0%
96.3%	46.8	46.9	0.0	0.0%
97.5%	46.8	46.8	0.0	0.0%
98.8%	46.6	46.7	0.1	0.2%
100.0%	46.2	46.2	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.2	56.6	0.4	0.8%
1.2%	55.5	56.1	0.6	1.1%
2.5%	55.1	55.2	0.1	0.2%
3.7%	55.0	55.1	0.1	0.1%
4.9%	54.9	55.1	0.2	0.3%
6.2%	54.9	55.1	0.1	0.3%
7.4%	54.8	55.0	0.2	0.4%
8.6%	54.7	55.0	0.3	0.5%
9.9%	54.7	55.0	0.3	0.5%
11.1%	54.6	54.9	0.3	0.6%
12.3%	54.5	54.7	0.2	0.5%
13.6%	54.1	54.7	0.6	1.1%
14.8%	54.1	54.7	0.6	1.1%
16.0%	54.0	54.6	0.5	1.0%
17.3%	54.0	54.5	0.6	1.0%
18.5%	53.9	54.5	0.6	1.1%
19.8%	53.8	54.5	0.6	1.2%
21.0%	53.8	54.4	0.7	1.3%
22.2%	53.7	54.4	0.6	1.2%
23.5%	53.7	54.3	0.6	1.1%
24.7%	53.6	54.0	0.4	0.7%
25.9%	53.6	54.0	0.4	0.7%
27.2%	53.4	53.9	0.5	1.0%
28.4%	53.3	53.8	0.6	1.1%
29.6%	53.3	53.8	0.5	0.9%
30.9%	53.3	53.7	0.4	0.8%
32.1%	53.2	53.7	0.5	0.9%
33.3%	53.2	53.7	0.5	0.9%
34.6%	53.1	53.6	0.5	0.8%
35.8%	53.0	53.6	0.5	1.0%
37.0%	53.0	53.5	0.5	1.0%
38.3%	53.0	53.5	0.5	0.9%
39.5%	53.0	53.4	0.5	0.9%
40.7%	52.9	53.4	0.5	0.9%
42.0%	52.9	53.4	0.4	0.8%
43.2%	52.9	53.3	0.4	0.8%
44.4%	52.9	53.3	0.4	0.8%
45.7%	52.9	53.2	0.4	0.7%
46.9%	52.8	53.2	0.4	0.8%
48.1%	52.7	53.1	0.4	0.7%
49.4%	52.6	53.1	0.5	0.9%
50.6%	52.6	53.1	0.4	0.8%
51.9%	52.6	53.1	0.5	0.9%
53.1%	52.6	53.0	0.4	0.8%
54.3%	52.6	52.9	0.4	0.7%
55.6%	52.6	52.9	0.4	0.7%
56.8%	52.5	52.9	0.4	0.8%
58.0%	52.5	52.8	0.3	0.5%
59.3%	52.4	52.7	0.4	0.7%
60.5%	52.3	52.7	0.4	0.8%
61.7%	52.2	52.6	0.4	0.7%
63.0%	52.1	52.5	0.4	0.8%
64.2%	52.1	52.5	0.4	0.8%
65.4%	52.1	52.5	0.4	0.8%
66.7%	52.0	52.4	0.4	0.7%
67.9%	52.0	52.4	0.4	0.8%
69.1%	51.8	52.4	0.6	1.1%
70.4%	51.6	52.3	0.7	1.4%
71.6%	51.6	52.2	0.7	1.3%
72.8%	51.5	52.2	0.7	1.3%
74.1%	51.4	52.1	0.7	1.3%
75.3%	51.4	52.1	0.7	1.3%
76.5%	51.4	51.9	0.5	1.0%
77.8%	51.3	51.7	0.4	0.8%
79.0%	51.3	51.7	0.4	0.9%
80.2%	51.2	51.7	0.5	1.0%
81.5%	51.2	51.6	0.4	0.9%
82.7%	51.2	51.3	0.1	0.3%
84.0%	51.1	51.2	0.0	0.1%
85.2%	51.0	51.2	0.2	0.4%
86.4%	50.9	51.1	0.2	0.4%
87.7%	50.6	51.1	0.5	0.9%
88.9%	50.3	51.1	0.8	1.5%
90.1%	50.3	51.1	0.8	1.5%
91.4%	50.2	51.0	0.8	1.5%
92.6%	50.1	50.9	0.7	1.4%
93.8%	50.1	50.8	0.7	1.3%
95.1%	50.1	50.3	0.2	0.3%
96.3%	50.1	50.1	0.0	0.1%
97.5%	50.0	50.1	0.1	0.2%
98.8%	49.8	49.7	-0.1	-0.2%
100.0%	48.5	48.5	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	58.7	58.5	-0.3	-0.4%
1.2%	58.5	57.9	-0.6	-1.0%
2.5%	58.4	57.8	-0.7	-1.2%
3.7%	58.0	57.6	-0.4	-0.7%
4.9%	57.8	57.3	-0.4	-0.7%
6.2%	57.7	57.3	-0.5	-0.8%
7.4%	57.2	57.1	-0.1	-0.2%
8.6%	57.1	56.7	-0.4	-0.6%
9.9%	56.9	56.7	-0.3	-0.5%
11.1%	56.9	56.5	-0.4	-0.7%
12.3%	56.9	56.5	-0.4	-0.7%
13.6%	56.9	56.5	-0.4	-0.7%
14.8%	56.8	56.2	-0.6	-1.1%
16.0%	56.7	56.2	-0.6	-1.0%
17.3%	56.6	56.1	-0.5	-0.8%
18.5%	56.4	56.1	-0.4	-0.6%
19.8%	56.3	56.0	-0.4	-0.6%
21.0%	56.3	56.0	-0.3	-0.6%
22.2%	56.2	55.9	-0.3	-0.5%
23.5%	56.2	55.9	-0.3	-0.5%
24.7%	56.2	55.9	-0.3	-0.5%
25.9%	56.1	55.9	-0.2	-0.4%
27.2%	56.1	55.8	-0.2	-0.4%
28.4%	56.1	55.8	-0.3	-0.5%
29.6%	56.0	55.8	-0.2	-0.3%
30.9%	55.9	55.8	-0.2	-0.3%
32.1%	55.6	55.7	0.1	0.2%
33.3%	55.6	55.6	0.1	0.2%
34.6%	55.5	55.6	0.1	0.2%
35.8%	55.4	55.5	0.2	0.3%
37.0%	55.4	55.5	0.1	0.2%
38.3%	55.3	55.5	0.2	0.3%
39.5%	55.2	55.4	0.2	0.3%
40.7%	55.1	55.3	0.2	0.3%
42.0%	55.1	55.2	0.1	0.2%
43.2%	55.1	55.2	0.1	0.2%
44.4%	55.1	55.1	0.0	0.1%
45.7%	55.0	55.1	0.1	0.2%
46.9%	55.0	55.0	0.0	0.1%
48.1%	55.0	55.0	0.0	0.0%
49.4%	54.9	55.0	0.0	0.1%
50.6%	54.9	54.9	0.0	0.0%
51.9%	54.9	54.9	0.1	0.1%
53.1%	54.8	54.8	0.0	0.1%
54.3%	54.8	54.8	0.1	0.1%
55.6%	54.7	54.8	0.1	0.2%
56.8%	54.4	54.8	0.3	0.6%
58.0%	54.4	54.6	0.2	0.4%
59.3%	54.3	54.6	0.2	0.4%
60.5%	54.3	54.6	0.2	0.4%
61.7%	54.3	54.5	0.2	0.4%
63.0%	54.2	54.5	0.2	0.4%
64.2%	54.2	54.4	0.2	0.3%
65.4%	54.2	54.4	0.2	0.3%
66.7%	54.2	54.3	0.2	0.3%
67.9%	54.1	54.3	0.3	0.5%
69.1%	54.0	54.3	0.3	0.6%
70.4%	54.0	54.3	0.3	0.6%
71.6%	53.8	54.2	0.3	0.6%
72.8%	53.8	54.1	0.3	0.6%
74.1%	53.8	53.9	0.1	0.3%
75.3%	53.7	53.9	0.2	0.3%
76.5%	53.7	53.8	0.1	0.2%
77.8%	53.4	53.8	0.4	0.8%
79.0%	53.4	53.8	0.4	0.8%
80.2%	53.3	53.8	0.4	0.8%
81.5%	53.2	53.7	0.4	0.8%
82.7%	53.2	53.6	0.4	0.8%
84.0%	53.1	53.6	0.5	0.9%
85.2%	53.1	53.5	0.3	0.7%
86.4%	53.1	53.3	0.2	0.4%
87.7%	53.1	53.3	0.2	0.4%
88.9%	53.0	53.2	0.2	0.4%
90.1%	53.0	53.1	0.1	0.2%
91.4%	53.0	53.0	0.0	0.1%
92.6%	52.8	53.0	0.2	0.4%
93.8%	52.7	52.8	0.0	0.1%
95.1%	52.7	52.7	-0.1	-0.1%
96.3%	52.5	52.6	0.1	0.2%
97.5%	52.3	52.4	0.1	0.2%
98.8%	52.1	51.9	-0.1	-0.3%
100.0%	52.0	51.9	-0.1	-0.2%

Table SQ-04-9b

Sacramento River at Jellys Ferry, Monthly Temperature
Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.3	59.1	-0.2	-0.4%
1.2%	59.1	58.3	-0.8	-1.4%
2.5%	57.8	58.2	0.4	0.7%
3.7%	57.5	57.7	0.3	0.4%
4.9%	57.4	56.9	-0.5	-0.9%
6.2%	56.8	56.9	0.1	0.1%
7.4%	56.8	56.7	-0.1	-0.2%
8.6%	56.7	56.7	0.0	0.0%
9.9%	56.5	56.6	0.0	0.1%
11.1%	56.5	56.5	0.0	0.1%
12.3%	56.1	56.3	0.2	0.4%
13.6%	56.0	56.1	0.1	0.2%
14.8%	55.9	56.1	0.3	0.5%
16.0%	55.9	56.1	0.3	0.5%
17.3%	55.8	55.7	0.0	-0.1%
18.5%	55.7	55.7	0.0	0.0%
19.8%	55.7	55.7	0.0	0.0%
21.0%	55.6	55.6	0.0	0.1%
22.2%	55.6	55.6	0.0	0.0%
23.5%	55.5	55.3	-0.2	-0.3%
24.7%	55.4	55.3	-0.1	-0.2%
25.9%	55.4	55.3	-0.1	-0.2%
27.2%	55.4	55.3	-0.1	-0.2%
28.4%	55.3	55.2	-0.1	-0.1%
29.6%	55.3	55.2	-0.1	-0.1%
30.9%	55.3	55.2	-0.1	-0.2%
32.1%	55.1	55.2	0.1	0.1%
33.3%	55.1	55.1	0.0	0.1%
34.6%	55.1	55.1	0.1	0.1%
35.8%	55.0	55.1	0.1	0.2%
37.0%	55.0	55.1	0.1	0.2%
38.3%	55.0	55.1	0.1	0.2%
39.5%	55.0	55.1	0.1	0.2%
40.7%	55.0	55.1	0.1	0.2%
42.0%	55.0	55.1	0.1	0.2%
43.2%	54.9	55.1	0.1	0.2%
44.4%	54.8	55.0	0.2	0.4%
45.7%	54.8	55.0	0.2	0.4%
46.9%	54.8	55.0	0.1	0.3%
48.1%	54.8	54.9	0.1	0.2%
49.4%	54.7	54.9	0.2	0.3%
50.6%	54.7	54.9	0.2	0.4%
51.9%	54.6	54.8	0.2	0.4%
53.1%	54.6	54.8	0.2	0.3%
54.3%	54.6	54.8	0.2	0.4%
55.6%	54.6	54.7	0.1	0.3%
56.8%	54.6	54.7	0.1	0.2%
58.0%	54.6	54.7	0.1	0.2%
59.3%	54.5	54.6	0.1	0.2%
60.5%	54.5	54.6	0.1	0.2%
61.7%	54.4	54.6	0.1	0.2%
63.0%	54.4	54.6	0.2	0.3%
64.2%	54.4	54.5	0.1	0.2%
65.4%	54.4	54.5	0.1	0.2%
66.7%	54.3	54.5	0.2	0.4%
67.9%	54.2	54.5	0.3	0.5%
69.1%	54.0	54.4	0.4	0.7%
70.4%	54.0	54.4	0.4	0.7%
71.6%	54.0	54.3	0.3	0.6%
72.8%	54.0	54.3	0.3	0.6%
74.1%	54.0	54.3	0.3	0.5%
75.3%	53.9	54.3	0.4	0.7%
76.5%	53.9	54.2	0.3	0.5%
77.8%	53.9	54.1	0.2	0.4%
79.0%	53.9	54.1	0.2	0.4%
80.2%	53.8	54.0	0.2	0.3%
81.5%	53.8	53.9	0.1	0.3%
82.7%	53.8	53.9	0.1	0.2%
84.0%	53.7	53.9	0.1	0.3%
85.2%	53.7	53.9	0.2	0.4%
86.4%	53.6	53.9	0.2	0.4%
87.7%	53.6	53.9	0.2	0.5%
88.9%	53.5	53.8	0.2	0.4%
90.1%	53.4	53.6	0.2	0.4%
91.4%	53.2	53.6	0.4	0.7%
92.6%	53.2	53.6	0.4	0.7%
93.8%	53.0	53.4	0.4	0.7%
95.1%	53.0	53.2	0.2	0.4%
96.3%	52.9	53.1	0.2	0.4%
97.5%	52.7	53.0	0.4	0.7%
98.8%	52.6	53.0	0.4	0.7%
100.0%	52.4	52.5	0.1	0.2%

July				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	62.0	59.6	-2.4	-3.9%
1.2%	59.9	59.4	-0.5	-0.8%
2.5%	59.6	59.4	-0.3	-0.4%
3.7%	59.5	59.2	-0.2	-0.4%
4.9%	59.2	58.6	-0.7	-1.1%
6.2%	59.2	58.5	-0.7	-1.1%
7.4%	59.0	58.5	-0.5	-0.8%
8.6%	58.9	58.3	-0.6	-1.1%
9.9%	57.9	58.2	0.3	0.5%
11.1%	57.7	57.6	-0.1	-0.3%
12.3%	57.6	57.5	-0.1	-0.2%
13.6%	57.4	57.2	-0.2	-0.4%
14.8%	57.2	57.0	-0.2	-0.4%
16.0%	56.8	56.8	0.0	0.0%
17.3%	56.7	56.6	-0.1	-0.2%
18.5%	56.5	56.4	-0.1	-0.2%
19.8%	56.5	56.3	-0.2	-0.4%
21.0%	56.2	56.3	0.0	0.0%
22.2%	56.1	56.2	0.0	0.1%
23.5%	56.0	56.1	0.1	0.2%
24.7%	56.0	56.1	0.2	0.3%
25.9%	56.0	56.1	0.2	0.3%
27.2%	55.9	56.1	0.2	0.3%
28.4%	55.9	55.9	0.0	0.0%
29.6%	55.9	55.9	0.0	0.0%
30.9%	55.9	55.9	0.0	0.0%
32.1%	55.9	55.9	0.0	0.0%
33.3%	55.9	55.8	-0.1	-0.1%
34.6%	55.8	55.7	-0.1	-0.2%
35.8%	55.7	55.6	-0.1	-0.2%
37.0%	55.7	55.6	-0.1	-0.2%
38.3%	55.6	55.6	-0.1	-0.2%
39.5%	55.5	55.6	0.0	0.1%
40.7%	55.5	55.5	0.0	0.0%
42.0%	55.5	55.5	0.0	0.1%
43.2%	55.4	55.5	0.1	0.1%
44.4%	55.4	55.4	0.1	0.1%
45.7%	55.2	55.4	0.1	0.3%
46.9%	55.2	55.3	0.1	0.2%
48.1%	55.2	55.2	0.0	0.0%
49.4%	55.1	55.2	0.1	0.2%
50.6%	55.0	55.2	0.2	0.3%
51.9%	54.8	55.1	0.3	0.6%
53.1%	54.7	55.1	0.4	0.7%
54.3%	54.7	55.0	0.3	0.5%
55.6%	54.7	55.0	0.3	0.5%
56.8%	54.7	54.9	0.2	0.4%
58.0%	54.6	54.9	0.2	0.5%
59.3%	54.6	54.9	0.2	0.4%
60.5%	54.6	54.8	0.2	0.4%
61.7%	54.6	54.8	0.2	0.4%
63.0%	54.5	54.8	0.2	0.4%
64.2%	54.5	54.7	0.2	0.4%
65.4%	54.4	54.7	0.3	0.6%
66.7%	54.4	54.7	0.3	0.6%
67.9%	54.4	54.6	0.2	0.4%
69.1%	54.4	54.6	0.2	0.3%
70.4%	54.4	54.5	0.2	0.3%
71.6%	54.4	54.5	0.2	0.3%
72.8%	54.4	54.5	0.2	0.3%
74.1%	54.3	54.5	0.2	0.3%
75.3%	54.2	54.5	0.2	0.4%
76.5%	54.2	54.4	0.2	0.4%
77.8%	54.2	54.4	0.2	0.3%
79.0%	54.2	54.3	0.2	0.3%
80.2%	54.2	54.3	0.1	0.3%
81.5%	54.2	54.3	0.2	0.3%
82.7%	54.1	54.3	0.3	0.5%
84.0%	54.1	54.3	0.2	0.4%
85.2%	54.0	54.2	0.2	0.3%
86.4%	54.0	54.1	0.1	0.2%
87.7%	54.0	54.1	0.1	0.2%
88.9%	53.9	54.1	0.2	0.3%
90.1%	53.9	54.0	0.2	0.3%
91.4%	53.9	53.9	0.1	0.1%
92.6%	53.8	53.7	-0.1	-0.2%
93.8%	53.7	53.6	-0.1	-0.1%
95.1%	53.4	53.6	0.2	0.3%
96.3%	53.4	53.5	0.2	0.3%
97.5%	53.2	53.2	-0.1	-0.2%
98.8%	53.2	53.2	0.0	0.0%
100.0%	53.1	53.1	0.0	0.0%

August				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.5	64.6	-1.9	-2.9%
1.2%	65.9	59.6	-6.2	-9.5%
2.5%	65.0	59.3	-5.7	-8.8%
3.7%	63.7	58.5	-5.2	-8.2%
4.9%	61.0	58.3	-2.7	-4.4%
6.2%	60.0	57.9	-2.1	-3.5%
7.4%	59.9	57.8	-2.1	-3.5%
8.6%	58.8	57.7	-1.1	-1.9%
9.9%	58.3	57.5	-0.8	-1.4%
11.1%	58.1	57.5	-0.7	-1.1%
12.3%	58.1	57.3	-0.7	-1.3%
13.6%	58.0	57.2	-0.8	-1.4%
14.8%	57.7	57.2	-0.5	-0.8%
16.0%	57.4	57.1	-0.3	-0.4%
17.3%	57.2	57.1	-0.1	-0.2%
18.5%	57.0	57.1	0.0	0.1%
19.8%	57.0	56.9	-0.1	-0.1%
21.0%	56.9	56.9	0.0	0.0%
22.2%	56.9	56.9	0.0	0.0%
23.5%	56.9	56.9	0.0	-0.1%
24.7%	56.9	56.8	-0.1	-0.2%
25.9%	56.7	56.7	0.0	-0.1%
27.2%	56.7	56.6	-0.1	-0.2%
28.4%	56.6	56.5	-0.2	-0.3%
29.6%	56.6	56.4	-0.2	-0.4%
30.9%	56.6	56.4	-0.2	-0.4%
32.1%	56.6	56.4	-0.2	-0.3%
33.3%	56.6	56.3	-0.2	-0.4%
34.6%	56.5	56.3	-0.2	-0.4%
35.8%	56.5	56.2	-0.2	-0.4%
37.0%	56.4	56.2	-0.2	-0.4%
38.3%	56.4	56.2	-0.2	-0.3%
39.5%	56.2	56.2	0.0	-0.1%
40.7%	56.1	56.1	-0.1	-0.1%
42.0%	56.1	56.1	-0.1	-0.1%
43.2%	56.1	56.1	-0.1	-0.1%
44.4%	56.1	56.0	-0.1	-0.2%
45.7%	56.1	56.0	-0.1	-0.2%
46.9%	56.1	55.9	-0.1	-0.2%
48.1%	56.0	55.9	-0.1	-0.2%
49.4%	56.0	55.9	-0.2	-0.3%
50.6%	55.9	55.9	0.0	0.0%
51.9%	55.8	55.8	0.0	-0.1%
53.1%	55.8	55.8	0.0	0.0%
54.3%	55.8	55.8	0.0	0.0%
55.6%	55.8	55.8	0.0	0.0%
56.8%	55.7	55.8	0.0	0.0%
58.0%	55.6	55.7	0.1	0.3%
59.3%	55.6	55.7	0.1	0.3%
60.5%	55.6	55.7	0.1	0.3%
61.7%	55.6	55.7	0.1	0.3%
63.0%	55.6	55.7	0.1	0.2%
64.2%	55.5	55.7	0.1	0.2%
65.4%	55.5	55.7	0.1	0.2%
66.7%	55.5	55.5	0.0	0.1%
67.9%	55.5	55.5	0.0	0.0%
69.1%	55.5	55.5	0.0	0.0%
70.4%	55.4	55.5	0.0	0.0%
71.6%	55.4	55.4	0.0	0.0%
72.8%	55.4	55.4	0.0	-0.1%
74.1%	55.4	55.4	0.0	-0.1%
75.3%	55.4	55.3	-0.1	-0.1%
76.5%	55.4	55.3	-0.1	-0.2%
77.8%	55.3	55.2	-0.1	-0.1%
79.0%	55.3	55.2	0.0	-0.1%
80.2%	55.3	55.2	-0.1	-0.2%
81.5%	55.2	55.2	0.0	0.0%
82.7%	55.1	55.1	0.0	0.0%
84.0%	55.0	55.1	0.1	0.1%
85.2%	55.0	55.0	0.1	0.1%
86.4%	54.9	54.9	0.0	0.0%
87.7%	54.7	54.8	0.1	0.2%
88.9%	54.7	54.8	0.1	0.3%
90.1%	54.7	54.8	0.1	0.2%
91.4%	54.7	54.8	0.1	0.2%
92.6%	54.6	54.7	0.1	0.2%
93.8%	54.4	54.7	0.3	0.5%
95.1%	54.2	54.5	0.3	0.5%
96.3%	54.2	54.5	0.3	0.5%
97.5%	53.9	54.4	0.5	1.0%
98.8%	53.7	53.9	0.2	0.4%
100.0%	53.5	53.7	0.2	0.3%

September				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.8	65.6	-1.2	-1.7%
1.2%	65.1	64.4	-0.7	-1.1%
2.5%	65.0	63.3	-1.6	-2.5%
3.7%	64.8	61.9	-3.0	-4.6%
4.9%	64.0	61.6	-2.4	-3.7%
6.2%	63.9	60.8	-3.1	-4.8%
7.4%	63.9	60.8	-3.1	-4.9%
8.6%	61.9	60.5	-1.4	-2.2%
9.9%	61.2	60.4	-0.7	-1.2%
11.1%	60.2	60.0	-0.2	-0.3%
12.3%	59.8	59.2	-0.6	-1.0%
13.6%	59.8	59.2	-0.6	-1.1%
14.8%	59.8	59.1	-0.7	-1.2%
16.0%	59.7	58.9	-0.8	-1.3%
17.3%	59.3	58.4	-0.8	-1.4%
18.5%	59.1	58.1	-1.0	-1.7%
19.8%	59.1	58.1	-1.1	-1.8%
21.0%	58.9	58.0	-0.9	-1.5%
22.2%	58.8	57.9	-0.9	-1.5%
23.5%	58.6	57.9	-0.7	-1.3%
24.7%	58.1	57.6	-0.6	-1.0%
25.9%	58.1	57.5	-0.6	-1.0%
27.2%	58.0	57.4	-0.6	-1.0%
28.4%	58.0	57.4	-0.6	-1.0%
29.6%	57.8	57.4	-0.5	-0.8%
30.9%	57.8	57.3	-0.6	-1.0%
32.1%	57.8	57.2	-0.6	-1.0%
33.3%	57.6	57.2	-0.4	-0.8%
34.6%	57.6	57.1	-0.4	-0.8%
35.8%	57.4	57.0	-0.4	-0.7%
37.0%	57.4	57.0	-0.4	-0.7%
38.3%	57.3	56.8	-0.6	-1.0%
39.5%	57.3	56.7	-0.6	-1.1%
40.7%	57.3	56.7	-0.6	-1.1%
42.0%	57.3	56.7	-0.6	-1.1%
43.2%	57.2	56.6	-0.6	-1.0%
44.4%	57.1	56.6	-0.6	-1.0%
45.7%	57.1	56.5	-0.6	-1.0%
46.9%	57.1	56.5	-0.6	-1.1%
48.1%	57.0	56.4	-0.6	-1.0%
49.4%	57.0	56.4	-0.6	-1.0%
50.6%	57.0	56.4	-0.6	-1.1%
51.9%	56.9	56.3	-0.6	-1.1%
53.1%	56.8	56.2	-0.5	-0.9%
54.3%	56.7	56.1	-0.6	-1.0%
55.6%	56.6	56.1	-0.5	-1.0%
56.8%	56.4	56.0	-0.4	-0.7%
58.0%	56.4	56.0	-0.3	-0.6%
59.3%	56.3	56.0	-0.3	-0.5%
60.5%	56.2	56.0	-0.3	-0.5%
61.7%	56.2	56.0	-0.2	-0.4%
63.0%	56.1	55.8	-0.3	-0.5%
64.2%	56.0	55.7	-0.2	-0.4%
65.4%	56.0	55.7	-0.3	-0.5%
66.7%	55.8	55.6	-0.2	-0.3%
67.9%	55.8	55.6	-0.2	-0.3%
69.1%	55.6	55.6	-0.1	-0.1%
70.4%	55.6	55.5	-0.2	-0.3%
71.6%	55.6	55.2	-0.3	-0.6%
72.8%	55.6	55.2	-0.3	-0.6%
74.1%	55.5	55.2	-0.3	-0.6%
75.3%	55.5	55.2	-0.3	-0.6%
76.5%	55.4	55.2	-0.2	-0.4%
77.8%	55.3	55.2	-0.2	-0.3%
79.0%	55.3	55.1	-0.2	-0.3%
80.2%	55.3	55.1	-0.2	-0.4%
81.5%	55.0	55.0	0.0	0.0%
82.7%	55.0	55.0	0.0	-0.1%
84.0%	55.0	55.0	0.0	-0.1%
85.2%	55.0	54.9	-0.1	-0.2%
86.4%	55.0	54.7	-0.3	-0.6%
87.7%	54.9	54.7	-0.3	-0.5%
88.9%	54.8	54.4	-0.4	-0.8%
90.1%	54.8	54.4	-0.4	-0.7%
91.4%	54.6	54.4	-0.3	-0.5%
92.6%	54.5	54.1	-0.4	-0.7%
93.8%	54.5	53.9	-0.6	-1.0%
95.1%	54.4	53.9	-0.5	-0.9%
96.3%	54.1	53.6	-0.5	-1.0%
97.5%	54.0	53.3	-0.8	-1.4%
98.8%	52.8	52.9	0.1	0.1%
100.0%	52.7	52.6	-0.1	-0.2%

Table SQ-05-9a
Sacramento River at Bend Bridge, Monthly Temperature
Long-term Average and Average by Water Year Type

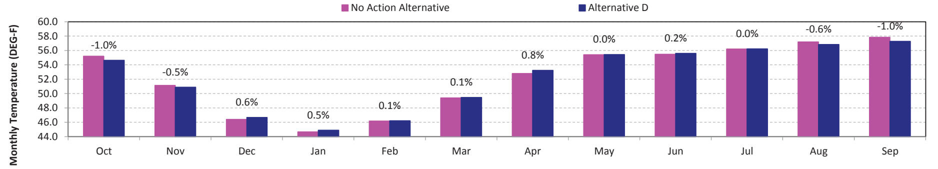
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	55.2	51.1	46.4	44.7	46.2	49.4	52.8	55.4	55.5	56.2	57.2	57.8
Alternative D	54.6	50.9	46.7	44.9	46.2	49.5	53.2	55.4	55.6	56.2	56.8	57.3
Difference	-0.6	-0.3	0.3	0.2	0.0	0.1	0.4	0.0	0.1	0.0	-0.4	-0.6
Percent Difference[3]	-1.0%	-0.5%	0.6%	0.5%	0.1%	0.1%	0.8%	0.0%	0.2%	0.0%	-0.6%	-1.0%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	54.6	51.6	46.5	44.7	45.9	48.5	51.9	55.2	55.4	56.2	56.5	55.7
Alternative D	54.4	51.4	46.9	44.9	45.9	48.5	52.1	55.0	55.3	56.3	56.6	55.6
Difference	-0.3	-0.2	0.4	0.1	0.0	0.1	0.1	-0.2	-0.1	0.2	0.1	-0.2
Percent Difference	-0.5%	-0.4%	0.9%	0.3%	0.1%	0.1%	0.3%	-0.4%	-0.2%	0.3%	0.2%	-0.3%
Above Normal (15%)												
No Action Alternative	54.2	50.9	46.9	44.9	46.2	49.6	53.2	56.0	54.7	55.1	56.6	56.8
Alternative D	53.8	50.8	47.3	45.2	46.3	49.6	53.5	55.8	55.0	55.2	56.8	56.5
Difference	-0.4	-0.1	0.4	0.2	0.0	0.0	0.3	-0.2	0.3	0.1	0.1	-0.3
Percent Difference	-0.7%	-0.3%	0.9%	0.5%	0.0%	0.1%	0.6%	-0.4%	0.5%	0.1%	0.2%	-0.5%
Below Normal (17%)												
No Action Alternative	53.9	50.6	46.7	44.5	45.8	49.3	53.3	55.5	55.0	55.5	56.2	57.6
Alternative D	53.4	50.4	46.9	44.7	45.9	49.4	53.9	55.5	55.2	55.5	56.2	57.1
Difference	-0.5	-0.2	0.1	0.2	0.0	0.0	0.6	0.1	0.2	0.0	0.0	-0.4
Percent Difference	-0.9%	-0.4%	0.3%	0.5%	0.1%	0.1%	1.1%	0.2%	0.3%	0.1%	0.0%	-0.8%
Dry (22%)												
No Action Alternative	55.5	51.2	46.3	44.6	46.3	50.1	53.3	55.0	55.5	55.7	57.0	58.8
Alternative D	54.6	50.8	46.4	44.9	46.4	50.1	53.9	55.2	55.9	55.9	56.6	58.0
Difference	-0.9	-0.4	0.0	0.4	0.0	0.1	0.6	0.2	0.5	0.2	-0.5	-0.8
Percent Difference	-1.6%	-0.8%	0.1%	0.8%	0.0%	0.1%	1.1%	0.3%	0.8%	0.4%	-0.8%	-1.3%
Critical (15%)												
No Action Alternative	58.6	51.0	45.5	44.6	46.9	50.3	52.9	55.8	56.9	59.0	60.6	62.3
Alternative D	57.5	50.7	45.8	44.8	47.1	50.5	53.7	56.3	56.9	58.3	58.5	60.8
Difference	-1.1	-0.3	0.2	0.3	0.1	0.1	0.7	0.4	0.0	-0.6	-2.1	-1.5
Percent Difference	-1.8%	-0.6%	0.5%	0.6%	0.3%	0.2%	1.4%	0.8%	0.0%	-1.0%	-3.5%	-2.5%

1 Based on the 82-year simulation period

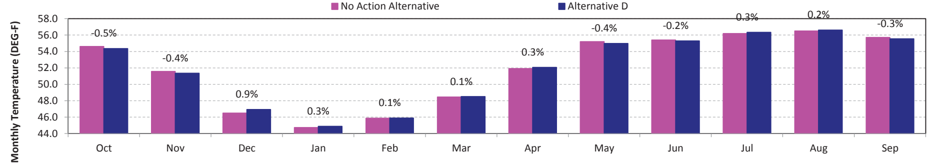
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

3 Relative difference of the monthly average

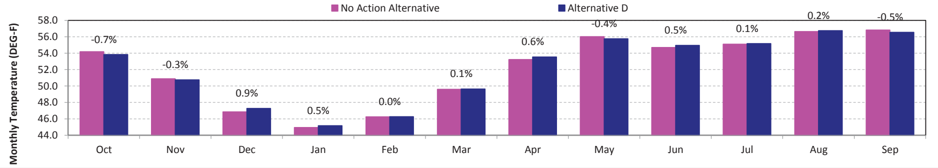
Sacramento River at Bend Bridge, Monthly Temperature
Full Simulation Period



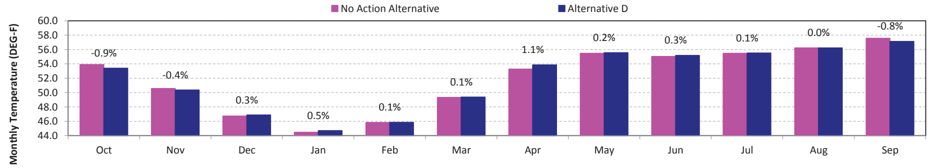
Sacramento River at Bend Bridge, Monthly Temperature
Wet Water Year Types (32%)



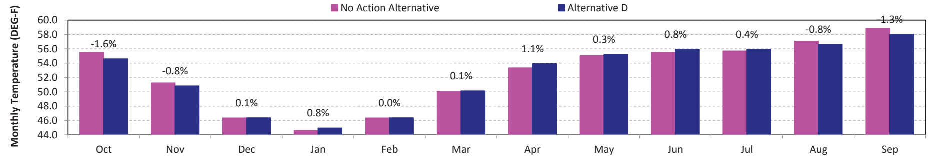
Sacramento River at Bend Bridge, Monthly Temperature
Above Normal Water Year Types (15%)



Sacramento River at Bend Bridge, Monthly Temperature
Below Normal Water Year Types (17%)



Sacramento River at Bend Bridge, Monthly Temperature
Dry Water Year Types (22%)



Sacramento River at Bend Bridge, Monthly Temperature
Critical Water Year Types (15%)

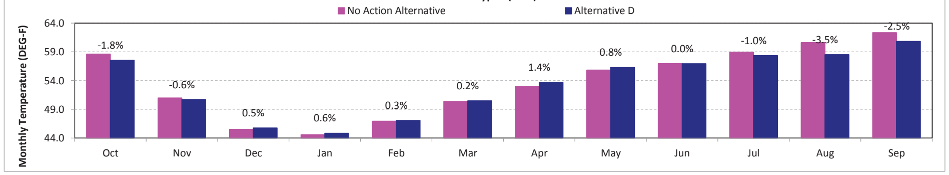


Figure SQ-05-9b
Sacramento River at Bend Bridge, Monthly Temperature
Probability of Exceedance

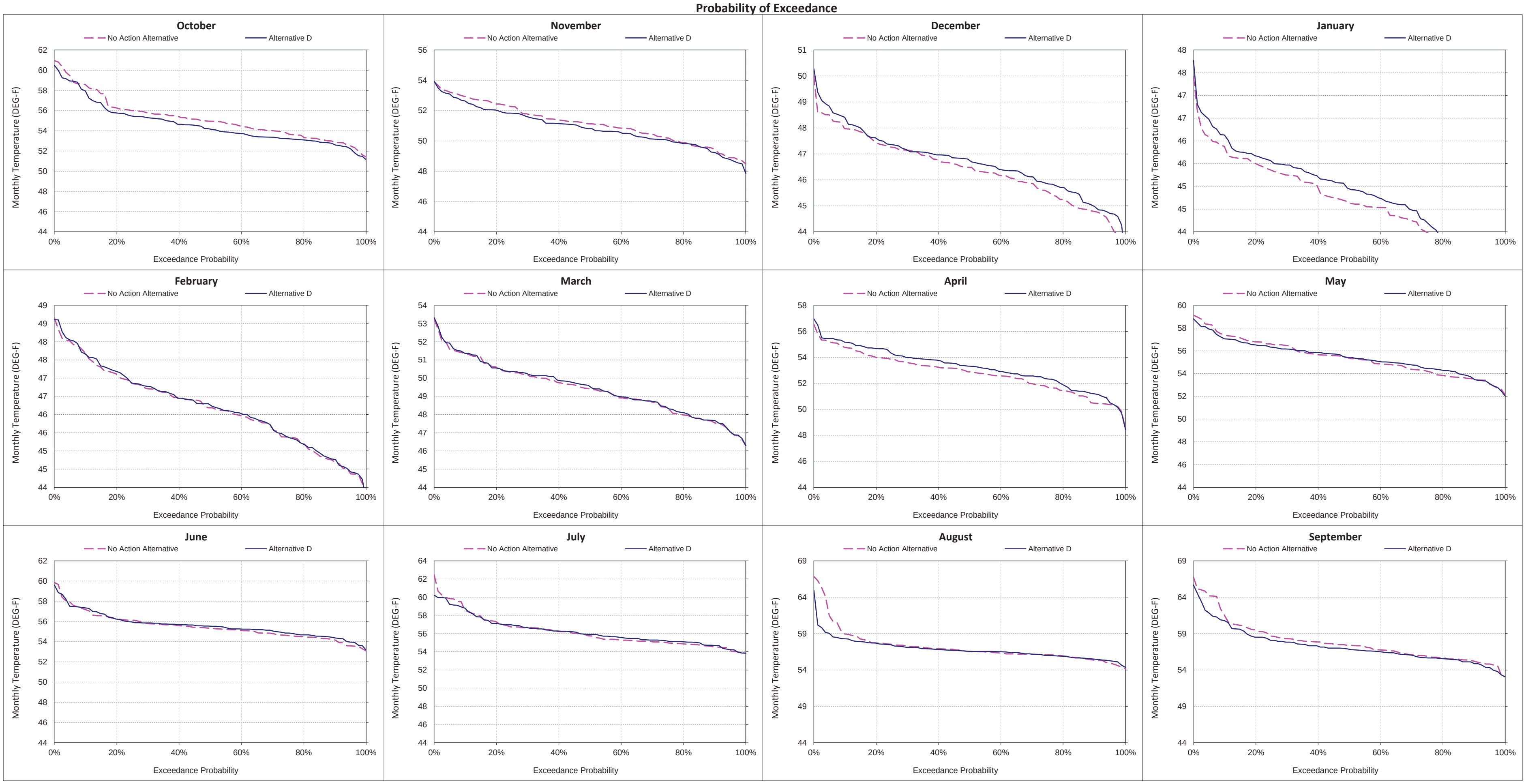


Table SQ-05-9b

Sacramento River at Bend Bridge, Monthly Temperature
Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	60.9	60.5	-0.5	-0.8%
1.2%	60.8	60.0	-0.8	-1.4%
2.5%	60.4	59.2	-1.1	-1.9%
3.7%	59.8	59.2	-0.6	-1.0%
4.9%	59.5	58.9	-0.5	-0.9%
6.2%	58.8	58.9	0.1	0.2%
7.4%	58.7	58.8	0.2	0.3%
8.6%	58.6	58.1	-0.5	-0.9%
9.9%	58.6	58.0	-0.6	-1.0%
11.1%	58.2	57.3	-1.0	-1.7%
12.3%	58.1	57.0	-1.1	-1.9%
13.6%	58.1	56.8	-1.3	-2.2%
14.8%	57.7	56.8	-0.9	-1.5%
16.0%	57.7	56.3	-1.4	-2.4%
17.3%	56.4	55.9	-0.4	-0.8%
18.5%	56.3	55.8	-0.5	-1.0%
19.8%	56.3	55.8	-0.5	-0.9%
21.0%	56.2	55.7	-0.4	-0.8%
22.2%	56.1	55.7	-0.4	-0.7%
23.5%	56.1	55.6	-0.5	-0.9%
24.7%	56.0	55.5	-0.5	-0.9%
25.9%	56.0	55.4	-0.6	-1.0%
27.2%	55.9	55.4	-0.5	-0.9%
28.4%	55.9	55.4	-0.5	-0.9%
29.6%	55.8	55.3	-0.5	-0.8%
30.9%	55.8	55.3	-0.5	-0.9%
32.1%	55.7	55.2	-0.4	-0.8%
33.3%	55.7	55.2	-0.5	-0.9%
34.6%	55.6	55.2	-0.5	-0.9%
35.8%	55.6	55.0	-0.6	-1.1%
37.0%	55.5	55.0	-0.5	-1.0%
38.3%	55.5	54.9	-0.6	-1.1%
39.5%	55.4	54.7	-0.8	-1.4%
40.7%	55.3	54.6	-0.7	-1.2%
42.0%	55.3	54.6	-0.7	-1.3%
43.2%	55.2	54.6	-0.6	-1.0%
44.4%	55.2	54.6	-0.6	-1.0%
45.7%	55.2	54.5	-0.6	-1.2%
46.9%	55.0	54.5	-0.6	-1.1%
48.1%	55.0	54.2	-0.8	-1.4%
49.4%	55.0	54.2	-0.7	-1.4%
50.6%	54.9	54.1	-0.8	-1.5%
51.9%	54.9	54.1	-0.9	-1.6%
53.1%	54.9	53.9	-1.0	-1.8%
54.3%	54.8	53.9	-0.9	-1.7%
55.6%	54.7	53.9	-0.8	-1.5%
56.8%	54.7	53.9	-0.8	-1.5%
58.0%	54.6	53.8	-0.9	-1.6%
59.3%	54.5	53.8	-0.7	-1.4%
60.5%	54.4	53.7	-0.7	-1.3%
61.7%	54.4	53.6	-0.7	-1.4%
63.0%	54.3	53.5	-0.7	-1.4%
64.2%	54.1	53.4	-0.7	-1.3%
65.4%	54.1	53.4	-0.7	-1.3%
66.7%	54.1	53.4	-0.7	-1.3%
67.9%	54.1	53.4	-0.7	-1.2%
69.1%	54.0	53.4	-0.7	-1.3%
70.4%	54.0	53.4	-0.6	-1.2%
71.6%	54.0	53.3	-0.7	-1.2%
72.8%	53.9	53.2	-0.7	-1.2%
74.1%	53.8	53.2	-0.6	-1.1%
75.3%	53.7	53.2	-0.5	-0.9%
76.5%	53.6	53.2	-0.4	-0.8%
77.8%	53.6	53.1	-0.4	-0.8%
79.0%	53.6	53.1	-0.4	-0.8%
80.2%	53.3	53.1	-0.2	-0.4%
81.5%	53.3	53.1	-0.2	-0.5%
82.7%	53.3	53.0	-0.3	-0.5%
84.0%	53.3	53.0	-0.3	-0.5%
85.2%	53.1	52.9	-0.3	-0.5%
86.4%	53.1	52.9	-0.2	-0.5%
87.7%	53.0	52.8	-0.2	-0.4%
88.9%	53.0	52.8	-0.2	-0.4%
90.1%	52.8	52.6	-0.3	-0.5%
91.4%	52.8	52.5	-0.3	-0.6%
92.6%	52.8	52.5	-0.4	-0.7%
93.8%	52.6	52.4	-0.2	-0.4%
95.1%	52.5	52.2	-0.3	-0.5%
96.3%	52.3	51.8	-0.5	-1.0%
97.5%	52.0	51.5	-0.5	-0.9%
98.8%	51.6	51.5	-0.2	-0.3%
100.0%	51.4	51.1	0.0	-0.5%

November

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	53.9	53.9	0.0	0.0%
1.2%	53.7	53.5	-0.2	-0.3%
2.5%	53.4	53.3	-0.1	-0.2%
3.7%	53.3	53.1	-0.2	-0.4%
4.9%	53.2	53.1	-0.1	-0.2%
6.2%	53.1	52.9	-0.3	-0.5%
7.4%	53.1	52.8	-0.3	-0.5%
8.6%	53.0	52.7	-0.3	-0.6%
9.9%	52.9	52.6	-0.3	-0.6%
11.1%	52.9	52.5	-0.4	-0.8%
12.3%	52.8	52.4	-0.3	-0.7%
13.6%	52.7	52.3	-0.5	-0.9%
14.8%	52.7	52.2	-0.5	-1.0%
16.0%	52.7	52.1	-0.6	-1.1%
17.3%	52.6	52.1	-0.6	-1.1%
18.5%	52.5	52.1	-0.5	-0.9%
19.8%	52.4	52.0	-0.4	-0.8%
21.0%	52.4	52.0	-0.5	-0.9%
22.2%	52.4	51.9	-0.5	-1.0%
23.5%	52.3	51.8	-0.5	-1.0%
24.7%	52.3	51.8	-0.4	-0.8%
25.9%	52.3	51.8	-0.4	-0.8%
27.2%	52.0	51.8	-0.2	-0.4%
28.4%	51.8	51.7	-0.1	-0.1%
29.6%	51.8	51.6	-0.2	-0.4%
30.9%	51.7	51.5	-0.2	-0.4%
32.1%	51.7	51.5	-0.2	-0.5%
33.3%	51.7	51.4	-0.2	-0.4%
34.6%	51.6	51.4	-0.2	-0.5%
35.8%	51.5	51.2	-0.3	-0.6%
37.0%	51.5	51.2	-0.3	-0.5%
38.3%	51.4	51.2	-0.3	-0.5%
39.5%	51.4	51.2	-0.3	-0.5%
40.7%	51.4	51.1	-0.2	-0.5%
42.0%	51.3	51.1	-0.2	-0.4%
43.2%	51.3	51.1	-0.2	-0.4%
44.4%	51.3	51.1	-0.2	-0.4%
45.7%	51.3	51.0	-0.2	-0.4%
46.9%	51.2	50.9	-0.3	-0.6%
48.1%	51.2	50.9	-0.3	-0.6%
49.4%	51.1	50.8	-0.3	-0.6%
50.6%	51.1	50.8	-0.3	-0.6%
51.9%	51.1	50.7	-0.4	-0.9%
53.1%	51.1	50.7	-0.4	-0.8%
54.3%	51.1	50.6	-0.4	-0.9%
55.6%	51.0	50.6	-0.3	-0.6%
56.8%	50.9	50.6	-0.3	-0.6%
58.0%	50.9	50.6	-0.3	-0.6%
59.3%	50.9	50.6	-0.2	-0.5%
60.5%	50.8	50.5	-0.3	-0.7%
61.7%	50.8	50.5	-0.3	-0.7%
63.0%	50.8	50.5	-0.3	-0.7%
64.2%	50.7	50.3	-0.4	-0.7%
65.4%	50.6	50.3	-0.3	-0.6%
66.7%	50.5	50.3	-0.3	-0.5%
67.9%	50.5	50.2	-0.3	-0.5%
69.1%	50.4	50.1	-0.3	-0.6%
70.4%	50.4	50.1	-0.3	-0.6%
71.6%	50.3	50.1	-0.2	-0.4%
72.8%	50.3	50.1	-0.2	-0.4%
74.1%	50.2	50.1	-0.1	-0.2%
75.3%	50.2	50.0	-0.1	-0.3%
76.5%	50.0	49.9	-0.1	-0.2%
77.8%	50.0	49.9	-0.1	-0.2%
79.0%	49.9	49.9	0.0	-0.1%
80.2%	49.9	49.8	-0.1	-0.1%
81.5%	49.8	49.8	0.0	-0.1%
82.7%	49.7	49.8	0.1	0.2%
84.0%	49.7	49.8	0.1	0.2%
85.2%	49.6	49.6	0.0	0.0%
86.4%	49.6	49.6	0.0	-0.1%
87.7%	49.6	49.5	-0.1	-0.2%
88.9%	49.5	49.3	-0.3	-0.5%
90.1%	49.4	49.2	-0.2	-0.4%
91.4%	49.2	49.1	-0.1	-0.1%
92.6%	49.1	48.9	-0.2	-0.5%
93.8%	48.9	48.8	-0.1	-0.2%
95.1%	48.9	48.8	-0.1	-0.3%
96.3%	48.9	48.7	-0.2	-0.5%
97.5%	48.8	48.5	-0.2	-0.5%
98.8%	48.7	48.5	-0.2	-0.4%
100.0%	48.5	47.8	-0.6	-1.3%

December

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	50.0	50.3	0.3	0.6%
1.2%	48.6	49.4	0.8	1.6%
2.5%	48.6	49.1	0.5	1.0%
3.7%	48.5	48.9	0.4	0.9%
4.9%	48.5	48.8	0.3	0.7%
6.2%	48.3	48.6	0.3	0.7%
7.4%	48.2	48.5	0.3	0.6%
8.6%	48.2	48.5	0.3	0.5%
9.9%	48.0	48.4	0.4	0.9%
11.1%	48.0	48.1	0.2	0.4%
12.3%	47.9	48.1	0.2	0.4%
13.6%	47.9	48.1	0.2	0.3%
14.8%	47.9	48.0	0.2	0.3%
16.0%	47.8	47.9	0.0	0.1%
17.3%	47.7	47.7	0.0	0.0%
18.5%	47.6	47.6	0.1	0.1%
19.8%	47.5	47.6	0.2	0.3%
21.0%	47.4	47.5	0.1	0.3%
22.2%	47.3	47.5	0.1	0.3%
23.5%	47.3	47.4	0.1	0.1%
24.7%	47.3	47.4	0.1	0.2%
25.9%	47.3	47.3	0.1	0.2%
27.2%	47.2	47.3	0.1	0.3%
28.4%	47.2	47.2	0.0	0.1%
29.6%	47.1	47.2	0.0	0.1%
30.9%	47.1	47.1	0.0	-0.1%
32.1%	47.1	47.1	0.0	0.0%
33.3%	47.1	47.1	0.0	0.1%
34.6%	47.0	47.1	0.1	0.2%
35.8%	46.9	47.1	0.1	0.3%
37.0%	46.9	47.0	0.1	0.2%
38.3%	46.8	47.0	0.2	0.4%
39.5%	46.8	47.0	0.2	0.4%
40.7%	46.7	47.0	0.3	0.6%
42.0%	46.7	47.0	0.3	0.6%
43.2%	46.7	46.9	0.3	0.6%
44.4%	46.6	46.9	0.2	0.5%
45.7%	46.6	46.8	0.2	0.5%
46.9%	46.5	46.8	0.3	0.7%
48.1%	46.5	46.8	0.3	0.7%
49.4%	46.5	46.8	0.3	0.7%
50.6%	46.5	46.7	0.2	0.5%
51.9%	46.3	46.7	0.3	0.7%
53.1%	46.3	46.6	0.3	0.6%
54.3%	46.3	46.6	0.3	0.6%
55.6%	46.3	46.6	0.3	0.6%
56.8%	46.3	46.5	0.3	0.6%
58.0%	46.3	46.5	0.3	0.6%
59.3%	46.2	46.4	0.2	0.5%
60.5%	46.2	46.4	0.2	0.5%
61.7%	46.2	46.4	0.2	0.5%
63.0%	46.1	46.4	0.3	0.6%
64.2%	46.0	46.3	0.3	0.7%
65.4%	45.9	46.3	0.4	0.9%
66.7%	45.9	46.3	0.3	0.7%
67.9%	45.9	46.2	0.3	0.6%
69.1%	45.9	46.1	0.2	0.5%
70.4%	45.9	46.1	0.3	0.6%
71.6%	45.7	45.9	0.3	0.6%
72.8%	45.6	45.9	0.3	0.7%
74.1%	45.6	45.9	0.3	0.6%
75.3%	45.5	45.8	0.3	0.7%
76.5%	45.4	45.8	0.4	0.9%
77.8%	45.4	45.8	0.4	0.9%
79.0%	45.2	45.7	0.5	1.0%
80.2%	45.2	45.7	0.5	1.0%
81.5%	45.2	45.6	0.4	0.9%
82.7%	45.0	45.5	0.5	1.1%
84.0%	45.0	45.5	0.6	1.2%
85.2%	44.9	45.4	0.5	1.2%
86.4%	44.9	45.1	0.3	0.6%
87.7%	44.9	45.1	0.2	0.5%
88.9%	44.8	45.0	0.2	0.5%
90.1%	44.8	45.0	0.2	0.4%
91.4%	44.7	44.8	0.1	0.2%
92.6%	44.7	44.8	0.2	0.4%
93.8%	44.6	44.8	0.2	0.5%
95.1%	44.3	44.7	0.4	0.9%
96.3%	44.0	44.7	0.7	1.5%
97.5%	43.8	44.6	0.8	1.7%
98.8%	43.8	44.3	0.4	1.0%
100.0%	42.6	43.0	0.4	0.9%

January

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	47.4	47.8	0.4	0.8%
1.2%	46.7	46.8	0.1	0.3%
2.5%	46.3	46.6	0.3	0.7%
3.7%	46.1	46.6	0.4	0.9%
4.9%	46.1	46.5	0.4	0.8%
6.2%	46.0	46.3	0.3	0.7%
7.4%	46.0	46.3	0.3	0.6%
8.6%	45.9	46.1	0.2	0.5%
9.9%	45.9	46.1	0.3	0.6%
11.1%	45.7	46.0	0.3	0.7%
12.3%	45.6	45.8	0.2	0.4%
13.6%	45.6	45.8	0.2	0.3%
14.8%	45.6	45.8	0.1	0.3%
16.0%	45.6	45.7	0.1	0.3%
17.3%	45.6	45.7	0.1	0.3%
18.5%	45.5	45.7	0.2	0.4%
19.8%	45.5	45.7	0.2	0.4%
21.0%	45.5	45.7	0.2	0.4%
22.2%	45.4	45.6	0.2	0.4%
23.5%	45.4	45.6	0.2	0.4%
24.7%	45.4	45.6	0.2	0.5%
25.9%	45.3	45.5	0.2	0.4%
27.2%	45.3	45.5	0.2	0.4%
28.4%	45.3	45.5	0.2	0.5%
29.6%	45.3	45.5	0.2	0.5%
30.9%	45.2	45.5	0.2	0.5%
32.1%	45.2	45.4	0.2	0.4%
33.3%	45.2	45.4	0.2	0.4%
34.6%	45.1	45.4	0.3	0.6%
35.8%	45.1	45.3	0.2	0.5%
37.0%	45.1	45.3	0.2	0.5%
38.3%	45.1	45.3	0.2	0.4%
39.5%	45.0	45.2	0.2	0.4%
40.7%	44.8	45.2	0.3	0.7%
42.0%	44.8	45.2	0.4	0.8%
43.2%	44.8	45.1	0.4	0.8%
44.4%	44.8	45.1	0.4	0.8%
45.7%	44.7	45.1	0.3	0.8%
46.9%	44.7	45.1	0.4	0.8%
48.1%	44.7	45.1	0.4	0.8%
49.4%	44.7	45.0	0.3	0.7%
50.6%	44.6	44.9	0.3	0.7%
51.9%	44.6	44.9	0.3	0.7%
53.1%	44.6	44.9	0.3	0.7%
54.3%	44.6	44.9	0.3	0.6%
55.6%	44.6	44.8	0.3	0.6%
56.8%	44.5	44.8	0.3	0.6%
58.0%	44.5	44.8	0.3	0.6%
59.3%	44.5	44.8	0.2	0.5%
60.5%	44.5	44.7	0.2	0.4%
61.7%	44.5	44.7	0.1	0.3%
63.0%	44.4	44.7	0.3	0.6%
64.2%	44.4	44.6	0.3	0.6%
65.4%	44.3	44.6	0.3	0.6%
66.7%	44.3	44.6	0.3	0.6%
67.9%	44.3	44.6	0.3	0.7%
69.1%	44.3	44.5	0.2	0.5%
70.4%	44.2	44.5	0.2	0.5%
71.6%	44.2	44.5	0.3	0.6%
72.8%	44.1	44.3	0.2	0.5%
74.1%	44.0	44.3	0.2	0.5%
75.3%	44.0	44.2	0.2	0.5%
76.5%	44.0	44.1	0.1	0.3%
77.8%	43.9	44.0	0.2	0.4%
79.0%	43.8	43.9	0.1	0.2%
80.2%	43.7	43.9	0.2	0.5%
81.5%	43.6	43.8	0.2	0.3%
82.7%	43.6	43.7	0.2	0.4%
84.0%	43.5	43.7	0.2	0.5%
85.2%	43.5	43.7	0.2	0.5%
86.4%	43.5	43.7	0.2	0.5%
87.7%	43.5	43.7	0.2	0.5%
88.9%	43.4	43.6	0.1	0.3%
90.1%	43.4	43.6	0.1	0.3%
91.4%	43.4	43.5	0.2	0.4%
92.6%	43.3	43.5	0.2	0.5%
93.8%	43.3	43.5	0.2	0.6%
95.1%	43.2	43.5	0.3	0.6%
96.3%	42.8	43.0	0.3	0.6%
97.5%	42.7	42.8	0.1	0.3%
98.8%	42.6	42.8	0.2	0.5%
100.0%	42.2	42.7	0.6	1.3%

Table SQ-05-9b

Sacramento River at Bend Bridge, Monthly Temperature
Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	48.7	48.6	-0.1	-0.1%
1.2%	48.4	48.6	0.3	0.5%
2.5%	48.1	48.3	0.2	0.4%
3.7%	48.0	48.1	0.1	0.1%
4.9%	48.0	48.1	0.0	0.1%
6.2%	47.9	48.0	0.1	0.2%
7.4%	47.9	48.0	0.0	0.1%
8.6%	47.8	47.7	-0.1	-0.2%
9.9%	47.7	47.7	0.0	-0.1%
11.1%	47.5	47.6	0.0	0.1%
12.3%	47.4	47.6	0.1	0.2%
13.6%	47.4	47.5	0.2	0.4%
14.8%	47.3	47.3	0.0	0.1%
16.0%	47.2	47.3	0.1	0.2%
17.3%	47.2	47.3	0.1	0.2%
18.5%	47.2	47.2	0.1	0.1%
19.8%	47.1	47.2	0.1	0.1%
21.0%	47.0	47.2	0.1	0.3%
22.2%	47.0	47.1	0.1	0.2%
23.5%	47.0	47.0	0.0	0.1%
24.7%	46.9	46.9	0.0	0.0%
25.9%	46.8	46.9	0.0	0.0%
27.2%	46.8	46.8	0.0	0.0%
28.4%	46.8	46.8	0.0	0.1%
29.6%	46.7	46.8	0.1	0.1%
30.9%	46.7	46.8	0.1	0.1%
32.1%	46.7	46.7	0.0	0.0%
33.3%	46.6	46.7	0.0	0.0%
34.6%	46.6	46.6	0.0	0.0%
35.8%	46.6	46.6	0.0	0.0%
37.0%	46.5	46.6	0.0	0.1%
38.3%	46.5	46.5	0.1	0.2%
39.5%	46.5	46.4	0.0	0.0%
40.7%	46.5	46.4	0.0	0.0%
42.0%	46.4	46.4	0.0	0.0%
43.2%	46.4	46.4	0.0	0.0%
44.4%	46.4	46.4	0.0	0.0%
45.7%	46.4	46.3	-0.1	-0.2%
46.9%	46.4	46.3	-0.1	-0.1%
48.1%	46.2	46.3	0.1	0.1%
49.4%	46.2	46.3	0.1	0.2%
50.6%	46.2	46.2	0.0	0.1%
51.9%	46.1	46.2	0.0	0.1%
53.1%	46.1	46.2	0.0	0.1%
54.3%	46.1	46.1	0.0	0.0%
55.6%	46.1	46.1	0.0	0.0%
56.8%	46.0	46.1	0.1	0.1%
58.0%	46.0	46.1	0.1	0.1%
59.3%	46.0	46.0	0.1	0.1%
60.5%	45.9	46.0	0.1	0.1%
61.7%	45.9	46.0	0.1	0.2%
63.0%	45.9	45.9	0.1	0.1%
64.2%	45.8	45.9	0.1	0.1%
65.4%	45.8	45.8	0.0	0.0%
66.7%	45.8	45.8	0.0	0.1%
67.9%	45.8	45.8	0.0	0.0%
69.1%	45.7	45.7	0.0	0.0%
70.4%	45.6	45.6	0.0	0.0%
71.6%	45.5	45.5	0.0	-0.1%
72.8%	45.4	45.5	0.1	0.2%
74.1%	45.4	45.4	0.0	0.1%
75.3%	45.4	45.4	0.0	0.0%
76.5%	45.4	45.3	0.0	-0.1%
77.8%	45.3	45.3	0.0	-0.1%
79.0%	45.2	45.2	0.0	0.0%
80.2%	45.2	45.2	0.0	0.0%
81.5%	45.1	45.1	0.0	0.1%
82.7%	45.0	45.1	0.1	0.2%
84.0%	44.9	45.0	0.1	0.1%
85.2%	44.9	44.9	0.1	0.2%
86.4%	44.8	44.9	0.0	0.1%
87.7%	44.8	44.8	0.0	0.1%
88.9%	44.8	44.8	0.0	0.1%
90.1%	44.7	44.8	0.1	0.2%
91.4%	44.6	44.6	0.0	-0.1%
92.6%	44.5	44.6	0.0	0.1%
93.8%	44.5	44.5	0.0	0.0%
95.1%	44.4	44.4	0.1	0.1%
96.3%	44.4	44.4	0.0	0.1%
97.5%	44.3	44.4	0.0	0.0%
98.8%	44.1	44.2	0.1	0.2%
100.0%	43.6	43.6	0.0	0.0%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.2	53.3	0.1	0.1%
1.2%	52.7	52.9	0.2	0.3%
2.5%	52.1	52.2	0.2	0.4%
3.7%	52.0	52.0	-0.1	-0.1%
4.9%	51.6	51.9	0.3	0.7%
6.2%	51.5	51.6	0.1	0.2%
7.4%	51.5	51.5	0.1	0.1%
8.6%	51.4	51.5	0.1	0.1%
9.9%	51.3	51.4	0.0	0.0%
11.1%	51.3	51.4	0.1	0.1%
12.3%	51.2	51.3	0.1	0.1%
13.6%	51.2	51.3	0.1	0.2%
14.8%	51.2	50.9	-0.3	-0.5%
16.0%	50.8	50.9	0.0	0.1%
17.3%	50.8	50.8	0.0	0.0%
18.5%	50.6	50.6	-0.1	-0.1%
19.8%	50.6	50.6	-0.1	-0.1%
21.0%	50.5	50.5	0.0	0.1%
22.2%	50.4	50.4	0.0	0.1%
23.5%	50.4	50.4	0.0	0.0%
24.7%	50.3	50.4	0.0	0.1%
25.9%	50.3	50.4	0.1	0.1%
27.2%	50.3	50.3	0.0	0.1%
28.4%	50.2	50.3	0.1	0.2%
29.6%	50.2	50.3	0.1	0.1%
30.9%	50.1	50.2	0.1	0.2%
32.1%	50.1	50.1	0.1	0.1%
33.3%	50.0	50.1	0.1	0.2%
34.6%	50.0	50.1	0.1	0.3%
35.8%	50.0	50.1	0.1	0.3%
37.0%	49.9	50.1	0.2	0.4%
38.3%	49.9	50.1	0.2	0.4%
39.5%	49.8	49.9	0.1	0.3%
40.7%	49.7	49.9	0.1	0.3%
42.0%	49.7	49.9	0.2	0.4%
43.2%	49.7	49.8	0.1	0.3%
44.4%	49.6	49.8	0.1	0.3%
45.7%	49.6	49.7	0.1	0.3%
46.9%	49.5	49.7	0.1	0.3%
48.1%	49.5	49.6	0.2	0.4%
49.4%	49.4	49.6	0.2	0.4%
50.6%	49.4	49.5	0.1	0.2%
51.9%	49.4	49.4	0.1	0.1%
53.1%	49.3	49.4	0.1	0.2%
54.3%	49.3	49.3	0.0	0.0%
55.6%	49.3	49.3	0.0	0.0%
56.8%	49.2	49.1	0.0	0.0%
58.0%	49.0	49.0	0.0	0.0%
59.3%	48.9	49.0	0.1	0.1%
60.5%	48.9	49.0	0.1	0.1%
61.7%	48.9	49.0	0.1	0.2%
63.0%	48.9	48.9	0.0	0.1%
64.2%	48.9	48.8	0.0	-0.1%
65.4%	48.8	48.8	0.0	0.0%
66.7%	48.8	48.8	0.0	-0.1%
67.9%	48.7	48.7	0.0	0.0%
69.1%	48.7	48.7	0.0	0.0%
70.4%	48.7	48.7	0.0	0.1%
71.6%	48.7	48.7	0.0	0.0%
72.8%	48.4	48.5	0.0	0.1%
74.1%	48.4	48.4	0.0	0.1%
75.3%	48.3	48.3	0.0	0.0%
76.5%	48.1	48.3	0.2	0.4%
77.8%	48.1	48.2	0.1	0.2%
79.0%	48.0	48.1	0.1	0.2%
80.2%	48.0	48.1	0.1	0.2%
81.5%	47.9	48.0	0.1	0.1%
82.7%	47.8	47.8	0.0	0.0%
84.0%	47.8	47.8	0.0	0.0%
85.2%	47.8	47.8	0.0	0.0%
86.4%	47.7	47.7	0.0	0.0%
87.7%	47.7	47.7	0.0	0.1%
88.9%	47.6	47.7	0.0	0.1%
90.1%	47.5	47.7	0.1	0.3%
91.4%	47.5	47.5	0.0	0.1%
92.6%	47.4	47.5	0.1	0.2%
93.8%	47.3	47.3	0.0	0.0%
95.1%	47.0	47.0	0.0	0.0%
96.3%	46.9	46.9	0.0	0.0%
97.5%	46.8	46.9	0.0	0.0%
98.8%	46.6	46.7	0.1	0.2%
100.0%	46.3	46.3	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.5	57.0	0.4	0.7%
1.2%	55.8	56.5	0.7	1.2%
2.5%	55.3	55.5	0.2	0.3%
3.7%	55.3	55.5	0.1	0.3%
4.9%	55.2	55.5	0.3	0.5%
6.2%	55.1	55.4	0.3	0.6%
7.4%	55.1	55.3	0.2	0.4%
8.6%	54.9	55.3	0.4	0.8%
9.9%	54.8	55.2	0.4	0.7%
11.1%	54.7	55.1	0.4	0.8%
12.3%	54.7	55.1	0.4	0.7%
13.6%	54.5	54.9	0.4	0.8%
14.8%	54.4	54.9	0.5	0.8%
16.0%	54.3	54.8	0.6	1.0%
17.3%	54.1	54.7	0.6	1.1%
18.5%	54.1	54.7	0.6	1.1%
19.8%	54.0	54.7	0.7	1.2%
21.0%	54.0	54.7	0.7	1.3%
22.2%	53.9	54.7	0.7	1.3%
23.5%	53.9	54.6	0.7	1.3%
24.7%	53.9	54.3	0.5	0.9%
25.9%	53.8	54.2	0.4	0.7%
27.2%	53.7	54.1	0.4	0.8%
28.4%	53.7	54.1	0.4	0.8%
29.6%	53.6	54.0	0.4	0.7%
30.9%	53.6	54.0	0.4	0.8%
32.1%	53.5	53.9	0.4	0.8%
33.3%	53.4	53.9	0.5	0.9%
34.6%	53.4	53.9	0.5	1.0%
35.8%	53.4	53.9	0.5	0.9%
37.0%	53.3	53.8	0.5	0.9%
38.3%	53.3	53.8	0.5	1.0%
39.5%	53.3	53.8	0.5	1.0%
40.7%	53.2	53.7	0.5	1.0%
42.0%	53.2	53.6	0.4	0.7%
43.2%	53.2	53.6	0.4	0.7%
44.4%	53.2	53.5	0.4	0.7%
45.7%	53.1	53.5	0.4	0.7%
46.9%	53.1	53.4	0.3	0.6%
48.1%	53.0	53.4	0.4	0.7%
49.4%	52.9	53.3	0.4	0.8%
50.6%	52.9	53.3	0.4	0.8%
51.9%	52.8	53.3	0.5	0.9%
53.1%	52.8	53.2	0.5	0.9%
54.3%	52.8	53.2	0.4	0.8%
55.6%	52.7	53.1	0.5	0.9%
56.8%	52.6	53.0	0.4	0.8%
58.0%	52.6	53.0	0.5	0.9%
59.3%	52.6	52.9	0.3	0.7%
60.5%	52.6	52.9	0.3	0.7%
61.7%	52.5	52.8	0.3	0.5%
63.0%	52.5	52.8	0.3	0.6%
64.2%	52.4	52.7	0.3	0.6%
65.4%	52.4	52.7	0.4	0.7%
66.7%	52.4	52.6	0.2	0.5%
67.9%	52.2	52.6	0.4	0.7%
69.1%	52.0	52.6	0.6	1.1%
70.4%	52.0	52.6	0.6	1.2%
71.6%	51.9	52.5	0.6	1.2%
72.8%	51.8	52.5	0.7	1.3%
74.1%	51.8	52.4	0.6	1.1%
75.3%	51.7	52.3	0.7	1.3%
76.5%	51.6	52.3	0.7	1.3%
77.8%	51.6	52.2	0.6	1.1%
79.0%	51.5	52.0	0.5	1.0%
80.2%	51.5	51.9	0.4	0.8%
81.5%	51.4	51.7	0.3	0.6%
82.7%	51.3	51.4	0.1	0.2%
84.0%	51.2	51.4	0.2	0.4%
85.2%	51.0	51.4	0.4	0.7%
86.4%	51.0	51.4	0.4	0.7%
87.7%	50.9	51.3	0.4	0.7%
88.9%	50.5	51.2	0.7	1.4%
90.1%	50.5	51.2	0.7	1.4%
91.4%	50.4	51.1	0.7	1.4%
92.6%	50.4	51.0	0.6	1.1%
93.8%	50.4	50.9	0.5	1.0%
95.1%	50.4	50.5	0.1	0.3%
96.3%	50.3	50.4	0.0	0.1%
97.5%	50.2	50.1	-0.1	-0.1%
98.8%	49.8	49.7	-0.1	-0.2%
100.0%	48.5	48.5	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.1	58.8	-0.3	-0.5%
1.2%	59.0	58.5	-0.5	-0.9%
2.5%	58.8	58.1	-0.7	-1.1%
3.7%	58.4	58.1	-0.2	-0.4%
4.9%	58.3	57.9	-0.4	-0.7%
6.2%	58.3	57.8	-0.4	-0.7%
7.4%	57.7	57.4	-0.3	-0.5%
8.6%	57.5	57.2	-0.3	-0.5%
9.9%	57.4	57.1	-0.3	-0.6%
11.1%	57.3	57.0	-0.3	-0.5%
12.3%	57.3	57.0	-0.3	-0.5%
13.6%	57.2	57.0	-0.3	-0.5%
14.8%	57.2	56.8	-0.3	-0.6%
16.0%	57.0	56.7	-0.3	-0.6%
17.3%	56.9	56.7	-0.2	-0.4%
18.5%	56.9	56.6	-0.3	-0.5%
19.8%	56.8	56.5	-0.3	-0.5%
21.0%	56.8	56.5	-0.3	-0.6%
22.2%	56.8	56.5	-0.3	-0.5%
23.5%	56.6	56.4	-0.2	-0.3%
24.7%	56.6	56.3	-0.3	-0.5%
25.9%	56.5	56.3	-0.2	-0.4%
27.2%	56.5	56.2	-0.3	-0.5%
28.4%	56.5	56.2	-0.4	-0.6%
29.6%	56.5	56.2	-0.3	-0.6%
30.9%	56.4	56.1	-0.3	-0.5%
32.1%	56.2	56.1	-0.1	-0.2%
33.3%	56.0	56.0	0.1	0.1%
34.6%	55.9	56.0	0.2	0.3%
35.8%	55.8	56.0	0.2	0.3%
37.0%	55.8	55.9	0.1	0.2%
38.3%	55.7	55.9	0.1	0.2%
39.5%	55.7	55.8	0.2	0.3%
40.7%	55.6	55.8	0.2	0.4%
42.0%	55.6	55.8	0.1	0.2%
43.2%	55.6	55.8	0.2	0.3%
44.4%	55.6	55.7	0.1	0.2%
45.7%	55.6	55.7	0.1	0.3%
46.9%	55.5	55.7	0.1	0.2%
48.1%	55.4	55.5	0.0	0.1%
49.4%	55.4	55.4	0.1	0.1%
50.6%	55.3	55.4	0.1	0.2%
51.9%	55.3	55.3	0.0	0.1%
53.1%	55.3	55.3	0.1	0.1%
54.3%	55.2	55.3	0.1	0.2%
55.6%	55.2	55.2	0.0	0.0%
56.8%	55.1	55.2	0.0	0.1%
58.0%	54.9	55.1	0.3	0.5%
59.3%	54.9	55.1	0.2	0.4%
60.5%	54.8	55.0	0.2	0.3%
61.7%	54.8	55.0	0.2	0.4%
63.0%	54.8	55.0	0.2	0.4%
64.2%	54.8	54.9	0.2	0.4%
65.4%	54.7	54.9	0.2	0.4%
66.7%	54.7	54.9	0.2	0.4%
67.9%	54.6	54.9	0.3	0.5%
69.1%	54.4	54.8	0.4	0.7%
70.4%	54.4	54.8	0.4	0.7%
71.6%	54.3	54.7	0.4	0.7%
72.8%	54.3	54.6	0.3	0.5%
74.1%	54.3	54.5	0.2	0.4%
75.3%	54.2	54.4	0.3	0.5%
76.5%	54.1	54.4	0.3	0.6%
77.8%	53.9	54.4	0.5	0.9%
79.0%	53.9	54.3	0.5	0.9%
80.2%	53.8	54.3	0.5	0.8%
81.5%	53.8	54.3	0.5	0.9%
82.7%	53.7	54.2	0.5	0.9%
84.0%	53.7	54.2	0.5	0.9%
85.2%	53.7	54.0	0.3	0.6%
86.4%	53.7	53.9	0.2	0.4%
87.7%	53.6	53.8	0.3	0.5%
88.9%	53.6	53.7	0.1	0.3%
90.1%	53.5	53.5	0.0	0.0%
91.4%	53.4	53.4	0.0	0.0%
92.6%	53.4	53.4	0.0	-0.1%
93.8%	53.4	53.3	-0.1	-0.1%
95.1%	53.1	53.1	0.0	0.1%
96.3%	52.9	52.9	0.0	0.0%
97.5%	52.7	52.8	0.1	0.1%
98.8%	52.6	52.5	-0.2	-0.3%
100.0%	52.1	52.0	-0.1	-0.2%

Table SQ-05-9b

Sacramento River at Bend Bridge, Monthly Temperature
Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.9	59.6	-0.3	-0.4%
1.2%	59.7	58.8	-0.8	-1.4%
2.5%	58.4	58.7	0.3	0.5%
3.7%	58.0	58.2	0.2	0.3%
4.9%	57.9	57.5	-0.4	-0.8%
6.2%	57.6	57.5	-0.1	-0.2%
7.4%	57.5	57.5	0.0	0.0%
8.6%	57.3	57.4	0.1	0.2%
9.9%	57.2	57.4	0.2	0.3%
11.1%	57.0	57.3	0.3	0.5%
12.3%	56.6	57.0	0.4	0.7%
13.6%	56.6	57.0	0.4	0.7%
14.8%	56.6	56.8	0.2	0.4%
16.0%	56.5	56.7	0.2	0.4%
17.3%	56.5	56.4	0.0	-0.1%
18.5%	56.3	56.4	0.1	0.1%
19.8%	56.3	56.2	0.0	-0.1%
21.0%	56.2	56.2	0.0	0.0%
22.2%	56.2	56.1	-0.1	-0.2%
23.5%	56.1	56.0	-0.1	-0.2%
24.7%	56.1	56.0	-0.2	-0.3%
25.9%	56.1	55.9	-0.2	-0.4%
27.2%	56.0	55.9	-0.1	-0.3%
28.4%	55.9	55.9	0.0	0.0%
29.6%	55.8	55.8	0.1	0.1%
30.9%	55.8	55.8	0.1	0.1%
32.1%	55.8	55.8	0.1	0.1%
33.3%	55.7	55.8	0.1	0.2%
34.6%	55.7	55.8	0.1	0.1%
35.8%	55.7	55.7	0.1	0.1%
37.0%	55.7	55.7	0.1	0.1%
38.3%	55.7	55.7	0.1	0.1%
39.5%	55.6	55.7	0.1	0.2%
40.7%	55.6	55.7	0.1	0.2%
42.0%	55.5	55.7	0.1	0.2%
43.2%	55.5	55.7	0.1	0.3%
44.4%	55.4	55.6	0.2	0.4%
45.7%	55.4	55.6	0.2	0.3%
46.9%	55.4	55.6	0.2	0.3%
48.1%	55.4	55.6	0.2	0.3%
49.4%	55.3	55.5	0.2	0.4%
50.6%	55.3	55.5	0.2	0.4%
51.9%	55.3	55.5	0.2	0.4%
53.1%	55.3	55.5	0.2	0.4%
54.3%	55.2	55.4	0.2	0.4%
55.6%	55.2	55.3	0.1	0.3%
56.8%	55.2	55.3	0.1	0.1%
58.0%	55.2	55.3	0.1	0.1%
59.3%	55.1	55.2	0.1	0.2%
60.5%	55.1	55.2	0.2	0.3%
61.7%	55.1	55.2	0.2	0.3%
63.0%	55.0	55.2	0.2	0.3%
64.2%	55.0	55.2	0.2	0.3%
65.4%	54.9	55.2	0.3	0.6%
66.7%	54.8	55.2	0.3	0.6%
67.9%	54.8	55.1	0.3	0.5%
69.1%	54.8	55.1	0.3	0.5%
70.4%	54.8	55.0	0.3	0.5%
71.6%	54.7	55.0	0.3	0.6%
72.8%	54.7	54.9	0.3	0.5%
74.1%	54.6	54.9	0.2	0.4%
75.3%	54.6	54.9	0.3	0.5%
76.5%	54.6	54.8	0.3	0.5%
77.8%	54.5	54.7	0.2	0.3%
79.0%	54.5	54.7	0.2	0.3%
80.2%	54.5	54.7	0.2	0.4%
81.5%	54.4	54.7	0.2	0.4%
82.7%	54.4	54.6	0.2	0.3%
84.0%	54.4	54.5	0.1	0.2%
85.2%	54.3	54.5	0.2	0.3%
86.4%	54.3	54.5	0.2	0.4%
87.7%	54.3	54.5	0.2	0.4%
88.9%	54.2	54.4	0.2	0.3%
90.1%	54.1	54.4	0.2	0.4%
91.4%	53.9	54.3	0.4	0.8%
92.6%	53.9	54.3	0.4	0.7%
93.8%	53.6	54.0	0.4	0.8%
95.1%	53.6	54.0	0.4	0.7%
96.3%	53.5	53.9	0.4	0.7%
97.5%	53.5	53.6	0.1	0.2%
98.8%	53.3	53.6	0.3	0.6%
100.0%	53.1	53.2	0.1	0.2%

July				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	62.5	60.2	-2.2	-3.6%
1.2%	60.7	60.0	-0.7	-1.1%
2.5%	60.2	60.0	-0.3	-0.5%
3.7%	60.0	59.9	0.0	-0.1%
4.9%	59.8	59.2	-0.6	-1.0%
6.2%	59.8	59.1	-0.7	-1.1%
7.4%	59.5	59.1	-0.4	-0.7%
8.6%	59.5	58.9	-0.6	-1.0%
9.9%	58.5	58.8	0.2	0.4%
11.1%	58.4	58.4	-0.1	-0.1%
12.3%	58.2	58.2	0.0	0.0%
13.6%	58.1	57.9	-0.3	-0.5%
14.8%	57.9	57.8	-0.1	-0.2%
16.0%	57.5	57.5	0.0	0.0%
17.3%	57.4	57.4	0.0	0.1%
18.5%	57.4	57.1	-0.3	-0.5%
19.8%	57.3	57.1	-0.2	-0.4%
21.0%	57.1	57.1	0.0	0.0%
22.2%	56.9	57.0	0.1	0.1%
23.5%	56.9	57.0	0.1	0.2%
24.7%	56.7	57.0	0.2	0.4%
25.9%	56.7	56.9	0.2	0.3%
27.2%	56.7	56.9	0.2	0.3%
28.4%	56.6	56.7	0.1	0.1%
29.6%	56.6	56.7	0.0	0.0%
30.9%	56.6	56.6	-0.1	-0.1%
32.1%	56.6	56.6	-0.1	-0.1%
33.3%	56.6	56.5	-0.1	-0.2%
34.6%	56.6	56.5	-0.1	-0.1%
35.8%	56.4	56.4	-0.1	-0.1%
37.0%	56.4	56.4	-0.1	-0.1%
38.3%	56.4	56.3	-0.1	-0.1%
39.5%	56.2	56.3	0.0	0.1%
40.7%	56.2	56.3	0.1	0.1%
42.0%	56.2	56.3	0.0	0.1%
43.2%	56.2	56.2	0.0	0.0%
44.4%	56.0	56.2	0.2	0.3%
45.7%	56.0	56.1	0.1	0.2%
46.9%	56.0	56.0	0.0	0.0%
48.1%	55.9	55.9	0.0	0.0%
49.4%	55.8	55.9	0.2	0.3%
50.6%	55.7	55.9	0.2	0.3%
51.9%	55.6	55.9	0.3	0.6%
53.1%	55.5	55.8	0.3	0.5%
54.3%	55.4	55.7	0.3	0.6%
55.6%	55.4	55.7	0.3	0.6%
56.8%	55.4	55.7	0.3	0.5%
58.0%	55.4	55.6	0.3	0.5%
59.3%	55.3	55.6	0.3	0.5%
60.5%	55.3	55.5	0.3	0.5%
61.7%	55.3	55.5	0.2	0.4%
63.0%	55.3	55.5	0.2	0.4%
64.2%	55.2	55.5	0.2	0.4%
65.4%	55.2	55.4	0.3	0.5%
66.7%	55.2	55.3	0.2	0.3%
67.9%	55.2	55.3	0.2	0.3%
69.1%	55.1	55.3	0.1	0.3%
70.4%	55.1	55.3	0.2	0.4%
71.6%	55.1	55.3	0.2	0.4%
72.8%	55.1	55.3	0.2	0.3%
74.1%	55.0	55.2	0.2	0.3%
75.3%	55.0	55.1	0.2	0.3%
76.5%	54.9	55.1	0.2	0.3%
77.8%	54.9	55.1	0.2	0.4%
79.0%	54.9	55.1	0.2	0.4%
80.2%	54.9	55.1	0.2	0.4%
81.5%	54.8	55.1	0.2	0.4%
82.7%	54.8	55.0	0.2	0.4%
84.0%	54.8	55.0	0.2	0.4%
85.2%	54.7	55.0	0.2	0.4%
86.4%	54.7	54.8	0.1	0.2%
87.7%	54.6	54.7	0.1	0.1%
88.9%	54.6	54.7	0.1	0.2%
90.1%	54.5	54.7	0.2	0.3%
91.4%	54.5	54.7	0.2	0.3%
92.6%	54.5	54.4	-0.1	-0.2%
93.8%	54.5	54.3	-0.2	-0.3%
95.1%	54.1	54.2	0.1	0.2%
96.3%	54.0	54.2	0.2	0.3%
97.5%	54.0	53.9	-0.1	-0.1%
98.8%	53.9	53.9	-0.1	-0.1%
100.0%	53.8	53.8	0.0	0.0%

August				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.8	64.9	-1.9	-2.9%
1.2%	66.3	60.2	-6.1	-9.2%
2.5%	65.3	59.8	-5.5	-8.5%
3.7%	64.1	59.2	-4.9	-7.7%
4.9%	61.5	59.0	-2.4	-4.0%
6.2%	60.6	58.5	-2.1	-3.5%
7.4%	60.5	58.5	-2.0	-3.4%
8.6%	59.4	58.3	-1.1	-1.9%
9.9%	58.9	58.3	-0.7	-1.1%
11.1%	58.9	58.2	-0.7	-1.1%
12.3%	58.7	58.0	-0.7	-1.2%
13.6%	58.7	57.9	-0.8	-1.3%
14.8%	58.3	57.9	-0.4	-0.7%
16.0%	58.2	57.9	-0.3	-0.5%
17.3%	58.0	57.7	-0.3	-0.5%
18.5%	57.7	57.7	0.0	0.0%
19.8%	57.7	57.7	0.0	0.0%
21.0%	57.7	57.6	-0.1	-0.2%
22.2%	57.7	57.5	-0.1	-0.2%
23.5%	57.6	57.5	-0.1	-0.1%
24.7%	57.5	57.5	-0.1	-0.1%
25.9%	57.4	57.3	-0.1	-0.2%
27.2%	57.4	57.2	-0.2	-0.3%
28.4%	57.4	57.2	-0.2	-0.3%
29.6%	57.3	57.1	-0.2	-0.4%
30.9%	57.2	57.1	-0.1	-0.2%
32.1%	57.2	57.1	-0.1	-0.2%
33.3%	57.2	57.1	-0.1	-0.2%
34.6%	57.2	56.9	-0.2	-0.4%
35.8%	57.0	56.9	-0.1	-0.2%
37.0%	57.0	56.9	-0.1	-0.2%
38.3%	56.9	56.9	-0.1	-0.1%
39.5%	56.9	56.8	-0.1	-0.2%
40.7%	56.9	56.8	-0.1	-0.2%
42.0%	56.9	56.7	-0.1	-0.2%
43.2%	56.9	56.7	-0.1	-0.2%
44.4%	56.8	56.7	-0.1	-0.2%
45.7%	56.7	56.7	-0.1	-0.1%
46.9%	56.7	56.6	-0.1	-0.1%
48.1%	56.6	56.6	0.0	0.0%
49.4%	56.5	56.6	0.0	0.0%
50.6%	56.5	56.5	0.0	0.0%
51.9%	56.5	56.5	0.0	0.0%
53.1%	56.5	56.5	0.0	0.0%
54.3%	56.5	56.5	0.0	0.0%
55.6%	56.5	56.5	0.1	0.1%
56.8%	56.4	56.5	0.1	0.1%
58.0%	56.4	56.5	0.1	0.2%
59.3%	56.3	56.5	0.2	0.3%
60.5%	56.3	56.5	0.2	0.4%
61.7%	56.2	56.5	0.3	0.5%
63.0%	56.2	56.4	0.2	0.3%
64.2%	56.2	56.4	0.2	0.3%
65.4%	56.2	56.4	0.2	0.4%
66.7%	56.2	56.3	0.1	0.2%
67.9%	56.2	56.2	0.1	0.1%
69.1%	56.2	56.2	0.0	0.1%
70.4%	56.2	56.1	0.0	0.0%
71.6%	56.1	56.1	0.0	0.0%
72.8%	56.1	56.1	0.0	0.0%
74.1%	56.1	56.0	-0.1	-0.1%
75.3%	56.1	56.0	-0.1	-0.1%
76.5%	56.1	56.0	-0.1	-0.2%
77.8%	56.0	55.9	-0.1	-0.2%
79.0%	56.0	55.9	-0.1	-0.1%
80.2%	55.9	55.9	0.0	-0.1%
81.5%	55.9	55.8	-0.1	-0.1%
82.7%	55.8	55.7	0.0	0.0%
84.0%	55.7	55.7	0.0	-0.1%
85.2%	55.7	55.6	0.0	-0.1%
86.4%	55.6	55.6	0.0	0.1%
87.7%	55.5	55.6	0.1	0.2%
88.9%	55.4	55.6	0.1	0.2%
90.1%	55.3	55.5	0.2	0.3%
91.4%	55.3	55.4	0.1	0.2%
92.6%	55.3	55.4	0.1	0.1%
93.8%	55.0	55.3	0.3	0.5%
95.1%	54.9	55.2	0.3	0.5%
96.3%	54.8	55.2	0.4	0.7%
97.5%	54.6	55.1	0.5	1.0%
98.8%	54.4	54.6	0.2	0.5%
100.0%	54.2	54.4	0.2	0.3%

September				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.7	65.7	-1.1	-1.6%
1.2%	65.2	64.5	-0.7	-1.0%
2.5%	65.0	63.4	-1.6	-2.4%
3.7%	64.8	62.2	-2.6	-4.1%
4.9%	64.2	61.9	-2.3	-3.6%
6.2%	64.2	61.4	-2.8	-4.3%
7.4%	64.1	61.3	-2.8	-4.4%
8.6%	62.4	60.9	-1.5	-2.4%
9.9%	61.5	60.8	-0.7	-1.2%
11.1%	60.6	60.5	-0.1	-0.2%
12.3%	60.3	59.7	-0.7	-1.1%
13.6%	60.2	59.6	-0.6	-1.0%
14.8%	60.1	59.6	-0.5	-0.9%
16.0%	60.1	59.4	-0.7	-1.2%
17.3%	59.8	58.9	-0.9	-1.5%
18.5%	59.6	58.6	-0.9	-1.6%
19.8%	59.5	58.5	-1.0	-1.7%
21.0%	59.3	58.5	-0.8	-1.3%
22.2%	59.3	58.5	-0.8	-1.3%
23.5%	59.1	58.4	-0.7	-1.2%
24.7%	58.7	58.1	-0.6	-1.0%
25.9%	58.6	58.1	-0.5	-0.9%
27.2%	58.5	57.9	-0.5	-0.9%
28.4%	58.4	57.9	-0.4	-0.8%
29.6%	58.3	57.8	-0.5	-0.8%
30.9%	58.3	57.8	-0.5	-0.8%
32.1%	58.2	57.8	-0.4	-0.7%
33.3%	58.0	57.6	-0.4	-0.8%
34.6%	58.0	57.5	-0.5	-0.8%
35.8%	57.9	57.5	-0.4	-0.7%
37.0%	57.9	57.3	-0.6	-1.0%
38.3%	57.9	57.3	-0.6	-1.0%
39.5%	57.8	57.3	-0.5	-0.9%
40.7%	57.8	57.1	-0.7	-1.2%
42.0%	57.7	57.1	-0.5	-0.9%
43.2%	57.6	57.0	-0.6	-1.1%
44.4%	57.6	57.0	-0.6	-1.0%
45.7%	57.5	57.0	-0.5	-0.9%
46.9%	57.5	57.0	-0.5	-0.8%
48.1%	57.5	57.0	-0.5	-0.9%
49.4%	57.4	56.9	-0.5	-0.8%
50.6%	57.4	56.8	-0.6	-1.0%
51.9%	57.3	56.7	-0.6	-1.0%
53.1%	57.3	56.7	-0.6	-1.1%
54.3%	57.3	56.7	-0.6	-1.1%
55.6%	57.1	56.6	-0.5	-0.9%
56.8%	57.0	56.6	-0.4	-0.8%
58.0%	56.8	56.6	-0.2	-0.3%
59.3%	56.8	56.5	-0.2	-0.4%
60.5%	56.7	56.5	-0.3	-0.5%
61.7%	56.7	56.4	-0.3	-0.6%
63.0%	56.6	56.4	-0.2	-0.4%
64.2%	56.6	56.4	-0.3	-0.4%
65.4%	56.5	56.2	-0.2	-0.4%
66.7%	56.3	56.1	-0.2	-0.3%
67.9%	56.2	56.1	-0.1	-0.2%
69.1%	56.1	56.1	0.0	-0.1%
70.4%	56.1	56.0	-0.1	-0.1%
71.6%	56.0	55.8	-0.2	-0.3%
72.8%	56.0	55.7	-0.3	-0.5%
74.1%	55.9	55.7	-0.3	-0.5%
75.3%	55.9	55.6	-0.2	-0.4%
76.5%	55.7	55.6	-0.1	-0.2%
77.8%	55.7	55.6	-0.1	-0.2%
79.0%	55.7	55.6	-0.1	-0.2%
80.2%	55.7	55.6	-0.1	-0.2%
81.5%	55.5	55.5	0.0	0.0%
82.7%	55.5	55.4	-0.1	-0.1%
84.0%	55.5	55.4	-0.1	-0.1%
85.2%	55.5	55.4	-0.1	-0.2%
86.4%	55.4	55.1	-0.3	-0.5%
87.7%	55.4	55.1	-0.2	-0.4%
88.9%	55.3	55.1	-0.2	-0.4%
90.1%	55.2	54.9	-0.3	-0.6%
91.4%	55.0	54.8	-0.2	-0.4%
92.6%	54.9	54.6	-0.3	-0.5%
93.8%	54.8	54.3	-0.5	-0.9%
95.1%	54.8	54.3	-0.5	-0.9%
96.3%	54.7	53.9	-0.7	-1.3%
97.5%	54.6	53.8	-0.9	-1.6%
98.8%	53.3	53.3	0.0	0.1%
100.0%	53.1	53.1	-0.1	-0.2%

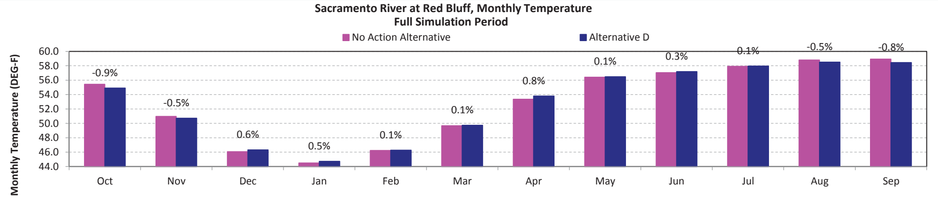
Table SQ-06-9a
Sacramento River at Red Bluff, Monthly Temperature
Long-term Average and Average by Water Year Type

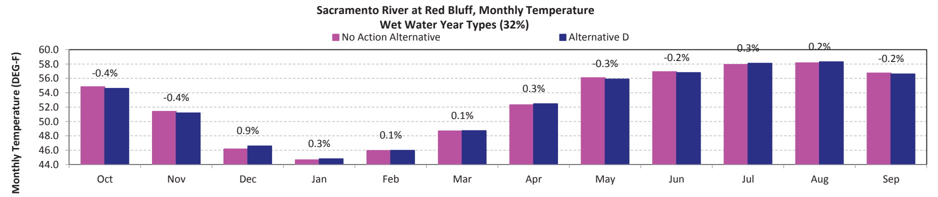
	Monthly Temperature (DEG-F)											
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period[1]												
No Action Alternative	55.4	51.0	46.1	44.5	46.2	49.7	53.4	56.4	57.1	57.9	58.8	58.9
Alternative D	54.9	50.7	46.3	44.7	46.3	49.7	53.8	56.5	57.2	58.0	58.5	58.5
Difference	-0.5	-0.2	0.3	0.2	0.0	0.1	0.4	0.0	0.1	0.1	-0.3	-0.5
Percent Difference[3]	-0.9%	-0.5%	0.6%	0.5%	0.1%	0.1%	0.8%	0.1%	0.3%	0.1%	-0.5%	-0.8%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	54.8	51.4	46.2	44.6	45.9	48.7	52.3	56.1	56.9	57.9	58.2	56.7
Alternative D	54.6	51.2	46.6	44.8	46.0	48.7	52.5	55.9	56.8	58.1	58.3	56.6
Difference	-0.2	-0.2	0.4	0.1	0.0	0.0	0.1	-0.2	-0.1	0.2	0.1	-0.1
Percent Difference	-0.4%	-0.4%	0.9%	0.3%	0.1%	0.1%	0.3%	-0.3%	-0.2%	0.3%	0.2%	-0.2%
Above Normal (15%)												
No Action Alternative	54.5	50.7	46.5	44.8	46.3	49.8	53.7	57.1	56.4	56.9	58.3	58.0
Alternative D	54.2	50.6	46.9	45.0	46.3	49.9	54.0	56.8	56.7	56.9	58.4	57.8
Difference	-0.3	-0.1	0.4	0.2	0.0	0.0	0.3	-0.2	0.3	0.1	0.2	-0.2
Percent Difference	-0.6%	-0.2%	0.9%	0.5%	0.0%	0.1%	0.6%	-0.4%	0.5%	0.2%	0.3%	-0.3%
Below Normal (17%)												
No Action Alternative	54.2	50.4	46.4	44.3	45.8	49.6	53.9	56.5	56.7	57.2	57.9	58.9
Alternative D	53.8	50.2	46.5	44.5	45.9	49.6	54.5	56.7	56.8	57.3	58.0	58.5
Difference	-0.5	-0.2	0.1	0.2	0.0	0.0	0.6	0.1	0.2	0.0	0.0	-0.4
Percent Difference	-0.8%	-0.4%	0.3%	0.5%	0.1%	0.1%	1.1%	0.2%	0.3%	0.1%	0.1%	-0.7%
Dry (22%)												
No Action Alternative	55.7	51.1	46.0	44.3	46.4	50.4	54.0	56.1	57.1	57.4	58.6	60.0
Alternative D	54.9	50.7	46.0	44.7	46.4	50.4	54.6	56.3	57.6	57.7	58.3	59.3
Difference	-0.8	-0.4	0.0	0.4	0.0	0.1	0.6	0.2	0.5	0.3	-0.4	-0.7
Percent Difference	-1.4%	-0.8%	0.1%	0.8%	0.0%	0.1%	1.1%	0.3%	0.9%	0.4%	-0.6%	-1.1%
Critical (15%)												
No Action Alternative	58.6	50.7	45.2	44.3	47.0	50.8	53.6	56.9	58.4	60.5	62.0	63.1
Alternative D	57.7	50.4	45.4	44.6	47.2	50.9	54.4	57.4	58.4	60.0	60.0	61.7
Difference	-0.9	-0.3	0.2	0.3	0.1	0.1	0.7	0.5	0.0	-0.5	-2.0	-1.3
Percent Difference	-1.6%	-0.6%	0.5%	0.6%	0.3%	0.2%	1.4%	0.9%	0.0%	-0.8%	-3.2%	-2.1%

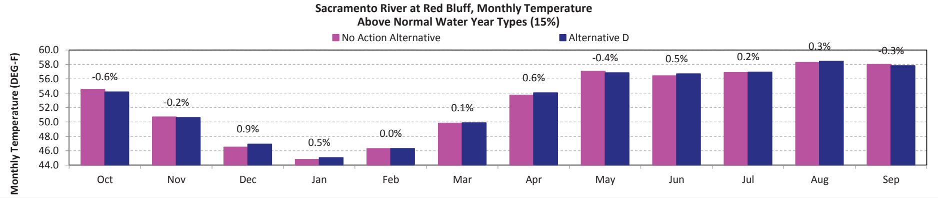
1 Based on the 82-year simulation period

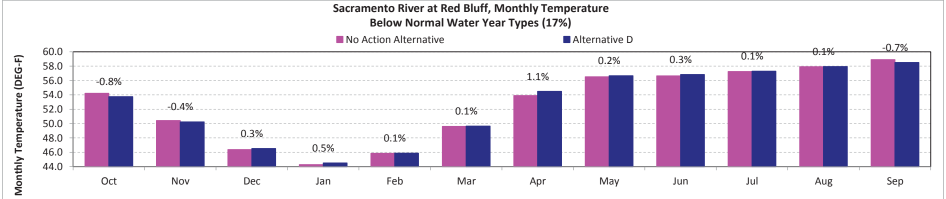
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

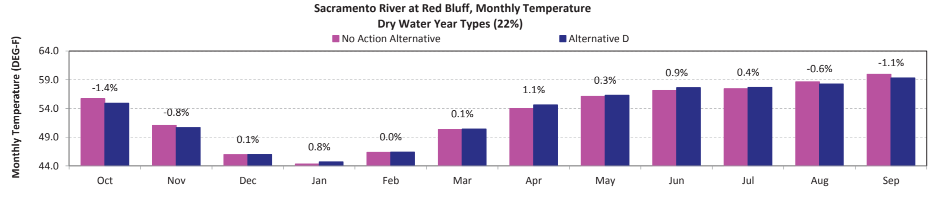
3 Relative difference of the monthly average


Sacramento River at Red Bluff, Monthly Temperature
Full Simulation Period


Sacramento River at Red Bluff, Monthly Temperature
Wet Water Year Types (32%)


Sacramento River at Red Bluff, Monthly Temperature
Above Normal Water Year Types (15%)


Sacramento River at Red Bluff, Monthly Temperature
Below Normal Water Year Types (17%)


Sacramento River at Red Bluff, Monthly Temperature
Dry Water Year Types (22%)

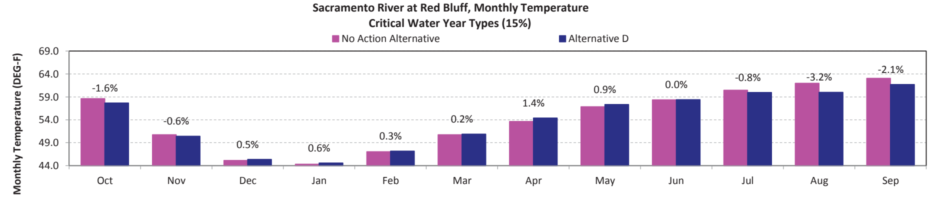

Sacramento River at Red Bluff, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-06-9b
Sacramento River at Red Bluff, Monthly Temperature
Probability of Exceedance

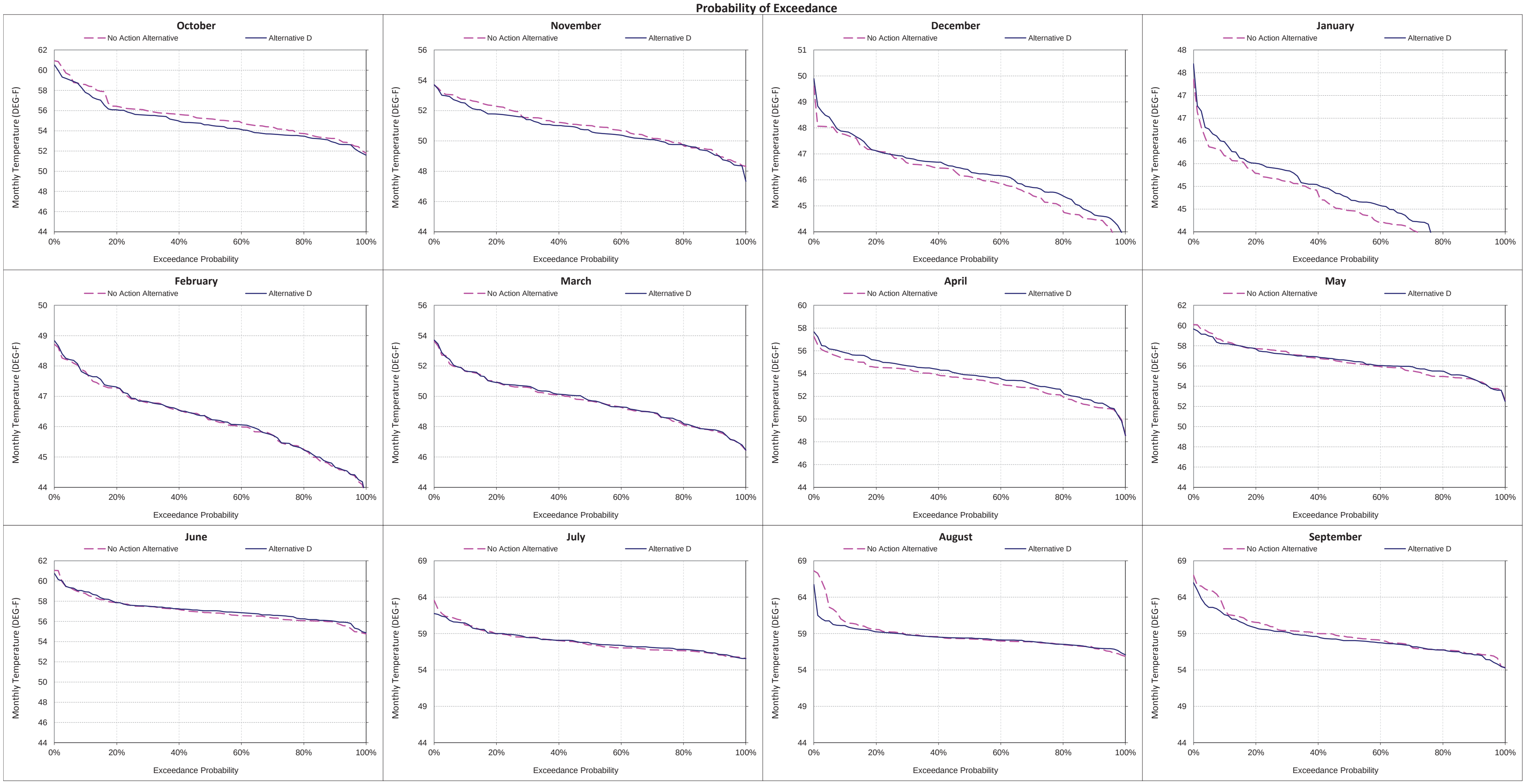


Table SQ-06-9b

Sacramento River at Red Bluff, Monthly Temperature

Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.9	60.5	-0.4	-0.6%
1.2%	60.9	60.0	-0.9	-1.5%
2.5%	60.3	59.3	-1.0	-1.6%
3.7%	59.7	59.2	-0.5	-0.9%
4.9%	59.5	59.1	-0.5	-0.8%
6.2%	58.8	58.9	0.1	0.2%
7.4%	58.7	58.7	0.0	0.0%
8.6%	58.6	58.3	-0.3	-0.5%
9.9%	58.6	57.8	-0.8	-1.3%
11.1%	58.4	57.6	-0.8	-1.3%
12.3%	58.4	57.3	-1.1	-1.9%
13.6%	58.0	57.1	-0.9	-1.5%
14.8%	57.9	57.0	-0.9	-1.5%
16.0%	57.9	56.5	-1.4	-2.3%
17.3%	56.7	56.2	-0.6	-1.0%
18.5%	56.4	56.1	-0.3	-0.6%
19.8%	56.4	56.1	-0.4	-0.6%
21.0%	56.4	56.0	-0.3	-0.6%
22.2%	56.3	56.0	-0.2	-0.4%
23.5%	56.2	55.9	-0.3	-0.6%
24.7%	56.2	55.7	-0.4	-0.8%
25.9%	56.1	55.6	-0.5	-0.9%
27.2%	56.1	55.6	-0.5	-0.9%
28.4%	56.1	55.6	-0.5	-1.0%
29.6%	56.0	55.6	-0.4	-0.8%
30.9%	55.9	55.5	-0.4	-0.7%
32.1%	55.9	55.5	-0.3	-0.6%
33.3%	55.8	55.5	-0.3	-0.6%
34.6%	55.8	55.5	-0.3	-0.5%
35.8%	55.7	55.4	-0.3	-0.6%
37.0%	55.7	55.2	-0.5	-1.0%
38.3%	55.7	55.1	-0.6	-1.1%
39.5%	55.6	55.0	-0.6	-1.1%
40.7%	55.6	54.9	-0.7	-1.3%
42.0%	55.6	54.8	-0.7	-1.3%
43.2%	55.5	54.8	-0.7	-1.3%
44.4%	55.4	54.8	-0.6	-1.1%
45.7%	55.3	54.8	-0.5	-0.9%
46.9%	55.2	54.8	-0.5	-0.9%
48.1%	55.2	54.6	-0.6	-1.1%
49.4%	55.2	54.6	-0.6	-1.1%
50.6%	55.2	54.5	-0.6	-1.2%
51.9%	55.1	54.5	-0.7	-1.2%
53.1%	55.0	54.4	-0.6	-1.1%
54.3%	55.0	54.4	-0.6	-1.1%
55.6%	55.0	54.3	-0.7	-1.3%
56.8%	54.9	54.2	-0.7	-1.3%
58.0%	54.9	54.2	-0.7	-1.3%
59.3%	54.9	54.2	-0.7	-1.4%
60.5%	54.7	54.1	-0.7	-1.2%
61.7%	54.7	54.0	-0.6	-1.1%
63.0%	54.6	54.0	-0.6	-1.2%
64.2%	54.5	53.8	-0.7	-1.3%
65.4%	54.5	53.8	-0.7	-1.3%
66.7%	54.5	53.7	-0.7	-1.4%
67.9%	54.4	53.7	-0.7	-1.3%
69.1%	54.4	53.7	-0.7	-1.3%
70.4%	54.3	53.7	-0.7	-1.2%
71.6%	54.2	53.7	-0.5	-1.0%
72.8%	54.2	53.6	-0.6	-1.0%
74.1%	54.2	53.6	-0.6	-1.1%
75.3%	54.0	53.6	-0.5	-0.9%
76.5%	54.0	53.5	-0.5	-0.9%
77.8%	53.8	53.5	-0.3	-0.5%
79.0%	53.7	53.5	-0.3	-0.5%
80.2%	53.7	53.5	-0.3	-0.5%
81.5%	53.6	53.3	-0.3	-0.6%
82.7%	53.5	53.2	-0.3	-0.5%
84.0%	53.4	53.2	-0.2	-0.4%
85.2%	53.4	53.2	-0.2	-0.3%
86.4%	53.3	53.2	-0.2	-0.4%
87.7%	53.3	53.1	-0.2	-0.3%
88.9%	53.2	52.9	-0.3	-0.6%
90.1%	53.2	52.8	-0.4	-0.8%
91.4%	53.1	52.7	-0.4	-0.8%
92.6%	52.9	52.6	-0.2	-0.4%
93.8%	52.9	52.6	-0.2	-0.4%
95.1%	52.7	52.6	-0.1	-0.1%
96.3%	52.5	52.2	-0.3	-0.5%
97.5%	52.4	52.0	-0.5	-0.9%
98.8%	52.0	51.8	-0.3	-0.5%
100.0%	51.8	51.6	0.0	-0.4%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.7	53.7	0.0	0.0%
1.2%	53.5	53.4	-0.1	-0.1%
2.5%	53.2	53.0	-0.2	-0.4%
3.7%	53.1	53.0	-0.1	-0.2%
4.9%	53.1	52.9	-0.1	-0.2%
6.2%	53.0	52.7	-0.3	-0.6%
7.4%	52.9	52.6	-0.3	-0.5%
8.6%	52.8	52.5	-0.2	-0.4%
9.9%	52.7	52.5	-0.3	-0.5%
11.1%	52.7	52.3	-0.4	-0.8%
12.3%	52.6	52.1	-0.5	-1.0%
13.6%	52.6	52.1	-0.5	-1.0%
14.8%	52.5	52.1	-0.5	-0.9%
16.0%	52.4	51.9	-0.5	-1.0%
17.3%	52.4	51.8	-0.6	-1.1%
18.5%	52.3	51.8	-0.6	-1.1%
19.8%	52.3	51.8	-0.5	-1.0%
21.0%	52.2	51.7	-0.5	-1.0%
22.2%	52.2	51.7	-0.5	-1.0%
23.5%	52.1	51.7	-0.4	-0.7%
24.7%	52.0	51.7	-0.4	-0.7%
25.9%	52.0	51.6	-0.3	-0.6%
27.2%	51.9	51.6	-0.3	-0.6%
28.4%	51.5	51.6	0.1	0.1%
29.6%	51.5	51.4	-0.1	-0.2%
30.9%	51.5	51.4	-0.1	-0.2%
32.1%	51.5	51.3	-0.3	-0.5%
33.3%	51.5	51.2	-0.3	-0.6%
34.6%	51.5	51.1	-0.4	-0.7%
35.8%	51.3	51.1	-0.3	-0.5%
37.0%	51.3	51.1	-0.3	-0.5%
38.3%	51.2	51.0	-0.2	-0.4%
39.5%	51.2	51.0	-0.2	-0.4%
40.7%	51.2	51.0	-0.2	-0.4%
42.0%	51.2	51.0	-0.2	-0.4%
43.2%	51.1	51.0	-0.2	-0.3%
44.4%	51.1	51.0	-0.2	-0.3%
45.7%	51.1	50.9	-0.2	-0.4%
46.9%	51.0	50.8	-0.3	-0.6%
48.1%	51.0	50.7	-0.3	-0.6%
49.4%	51.0	50.7	-0.3	-0.6%
50.6%	51.0	50.6	-0.4	-0.8%
51.9%	50.9	50.5	-0.4	-0.8%
53.1%	50.9	50.5	-0.4	-0.8%
54.3%	50.9	50.5	-0.4	-0.8%
55.6%	50.9	50.5	-0.4	-0.8%
56.8%	50.8	50.4	-0.3	-0.6%
58.0%	50.7	50.4	-0.3	-0.6%
59.3%	50.7	50.4	-0.3	-0.6%
60.5%	50.7	50.4	-0.3	-0.6%
61.7%	50.6	50.3	-0.3	-0.7%
63.0%	50.5	50.2	-0.3	-0.5%
64.2%	50.4	50.2	-0.3	-0.5%
65.4%	50.4	50.2	-0.3	-0.5%
66.7%	50.4	50.1	-0.3	-0.5%
67.9%	50.3	50.1	-0.2	-0.4%
69.1%	50.2	50.1	-0.1	-0.3%
70.4%	50.2	50.1	-0.1	-0.2%
71.6%	50.2	50.0	-0.1	-0.3%
72.8%	50.1	50.0	-0.1	-0.3%
74.1%	50.1	49.9	-0.1	-0.3%
75.3%	50.0	49.8	-0.2	-0.5%
76.5%	49.9	49.8	-0.1	-0.3%
77.8%	49.9	49.8	-0.1	-0.3%
79.0%	49.8	49.8	-0.1	-0.2%
80.2%	49.7	49.7	0.1	0.2%
81.5%	49.6	49.7	0.0	0.1%
82.7%	49.5	49.6	0.1	0.1%
84.0%	49.5	49.6	0.1	0.1%
85.2%	49.5	49.4	-0.1	-0.2%
86.4%	49.5	49.4	-0.1	-0.2%
87.7%	49.4	49.3	-0.1	-0.2%
88.9%	49.4	49.2	-0.2	-0.4%
90.1%	49.2	49.1	-0.2	-0.4%
91.4%	49.0	49.0	0.1	0.1%
92.6%	48.9	48.7	-0.2	-0.4%
93.8%	48.8	48.7	-0.1	-0.1%
95.1%	48.7	48.6	-0.1	-0.3%
96.3%	48.6	48.4	-0.2	-0.4%
97.5%	48.6	48.4	-0.2	-0.4%
98.8%	48.4	48.4	0.0	0.0%
100.0%	48.3	47.3	-1.0	-2.1%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	49.6	49.9	0.3	0.6%
1.2%	48.1	48.8	0.8	1.6%
2.5%	48.1	48.6	0.6	1.2%
3.7%	48.1	48.5	0.4	0.9%
4.9%	48.0	48.4	0.4	0.8%
6.2%	48.0	48.2	0.2	0.4%
7.4%	47.8	48.0	0.1	0.3%
8.6%	47.8	47.9	0.1	0.2%
9.9%	47.8	47.9	0.1	0.2%
11.1%	47.7	47.8	0.1	0.3%
12.3%	47.6	47.8	0.1	0.3%
13.6%	47.6	47.7	0.1	0.1%
14.8%	47.3	47.6	0.2	0.5%
16.0%	47.3	47.5	0.2	0.4%
17.3%	47.2	47.3	0.1	0.3%
18.5%	47.2	47.2	0.0	0.0%
19.8%	47.1	47.1	0.0	0.0%
21.0%	47.1	47.1	0.0	0.0%
22.2%	47.1	47.0	0.0	-0.1%
23.5%	47.1	47.0	-0.1	-0.1%
24.7%	47.0	47.0	0.0	0.0%
25.9%	46.8	46.9	0.1	0.2%
27.2%	46.8	46.9	0.1	0.2%
28.4%	46.8	46.9	0.1	0.2%
29.6%	46.7	46.8	0.2	0.4%
30.9%	46.6	46.8	0.2	0.4%
32.1%	46.6	46.8	0.2	0.4%
33.3%	46.6	46.8	0.2	0.3%
34.6%	46.6	46.7	0.2	0.3%
35.8%	46.6	46.7	0.2	0.3%
37.0%	46.5	46.7	0.2	0.4%
38.3%	46.5	46.7	0.2	0.4%
39.5%	46.5	46.7	0.2	0.5%
40.7%	46.5	46.7	0.2	0.5%
42.0%	46.5	46.6	0.2	0.3%
43.2%	46.4	46.5	0.1	0.2%
44.4%	46.4	46.5	0.1	0.2%
45.7%	46.3	46.5	0.2	0.4%
46.9%	46.2	46.5	0.3	0.7%
48.1%	46.1	46.4	0.3	0.6%
49.4%	46.1	46.4	0.3	0.6%
50.6%	46.1	46.3	0.2	0.4%
51.9%	46.1	46.3	0.2	0.5%
53.1%	46.0	46.2	0.2	0.4%
54.3%	46.0	46.2	0.3	0.6%
55.6%	46.0	46.2	0.3	0.6%
56.8%	45.9	46.2	0.2	0.5%
58.0%	45.9	46.2	0.3	0.6%
59.3%	45.9	46.2	0.3	0.7%
60.5%	45.9	46.2	0.3	0.6%
61.7%	45.8	46.1	0.3	0.7%
63.0%	45.8	46.1	0.3	0.7%
64.2%	45.8	46.0	0.3	0.6%
65.4%	45.7	45.9	0.2	0.4%
66.7%	45.6	45.8	0.2	0.5%
67.9%	45.5	45.7	0.2	0.5%
69.1%	45.5	45.7	0.2	0.5%
70.4%	45.4	45.7	0.3	0.7%
71.6%	45.3	45.7	0.4	0.8%
72.8%	45.3	45.6	0.3	0.7%
74.1%	45.1	45.5	0.4	0.9%
75.3%	45.1	45.5	0.4	0.9%
76.5%	45.1	45.5	0.4	0.9%
77.8%	45.1	45.5	0.4	0.9%
79.0%	45.0	45.5	0.5	1.0%
80.2%	44.7	45.4	0.6	1.4%
81.5%	44.7	45.3	0.6	1.3%
82.7%	44.7	45.2	0.6	1.3%
84.0%	44.7	45.1	0.4	0.9%
85.2%	44.7	45.0	0.4	0.8%
86.4%	44.5	44.9	0.4	0.8%
87.7%	44.5	44.8	0.3	0.7%
88.9%	44.5	44.8	0.3	0.6%
90.1%	44.5	44.6	0.2	0.4%
91.4%	44.5	44.6	0.2	0.4%
92.6%	44.4	44.6	0.2	0.4%
93.8%	44.3	44.6	0.3	0.7%
95.1%	44.2	44.5	0.4	0.8%
96.3%	43.9	44.4	0.5	1.2%
97.5%	43.6	44.2	0.6	1.5%
98.8%	43.6	44.0	0.4	0.9%
100.0%	42.2	42.5	0.3	0.8%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.4	47.7	0.3	0.7%
1.2%	46.6	46.8	0.1	0.3%
2.5%	46.3	46.7	0.4	0.8%
3.7%	46.1	46.3	0.2	0.5%
4.9%	45.9	46.3	0.4	0.9%
6.2%	45.9	46.2	0.3	0.7%
7.4%	45.8	46.1	0.3	0.6%
8.6%	45.8	46.0	0.2	0.4%
9.9%	45.7	46.0	0.3	0.7%
11.1%	45.7	45.9	0.2	0.5%
12.3%	45.6	45.8	0.2	0.4%
13.6%	45.6	45.8	0.2	0.4%
14.8%	45.6	45.6	0.1	0.1%
16.0%	45.5	45.6	0.1	0.2%
17.3%	45.4	45.5	0.1	0.3%
18.5%	45.4	45.5	0.1	0.3%
19.8%	45.3	45.5	0.2	0.5%
21.0%	45.3	45.5	0.2	0.5%
22.2%	45.2	45.5	0.3	0.6%
23.5%	45.2	45.4	0.2	0.5%
24.7%	45.2	45.4	0.2	0.5%
25.9%	45.2	45.4	0.2	0.5%
27.2%	45.2	45.4	0.2	0.5%
28.4%	45.1	45.4	0.2	0.5%
29.6%	45.1	45.4	0.2	0.5%
30.9%	45.1	45.3	0.2	0.5%
32.1%	45.1	45.3	0.2	0.5%
33.3%	45.1	45.2	0.2	0.4%
34.6%	45.0	45.1	0.1	0.1%
35.8%	45.0	45.1	0.1	0.1%
37.0%	45.0	45.0	0.1	0.2%
38.3%	44.9	45.0	0.1	0.3%
39.5%	44.9	45.0	0.1	0.3%
40.7%	44.7	45.0	0.3	0.7%
42.0%	44.7	45.0	0.3	0.6%
43.2%	44.6	45.0	0.3	0.7%
44.4%	44.6	44.9	0.3	0.7%
45.7%	44.5	44.8	0.3	0.7%
46.9%	44.5	44.8	0.3	0.7%
48.1%	44.5	44.8	0.3	0.7%
49.4%	44.5	44.8	0.3	0.7%
50.6%	44.5	44.7	0.2	0.5%
51.9%	44.5	44.7	0.2	0.5%
53.1%	44.4	44.7	0.2	0.5%
54.3%	44.4	44.7	0.3	0.6%
55.6%	44.4	44.7	0.3	0.7%
56.8%	44.4	44.6	0.3	0.6%
58.0%	44.3	44.6	0.4	0.8%
59.3%	44.2	44.6	0.4	0.8%
60.5%	44.2	44.6	0.4	0.8%
61.7%	44.2	44.6	0.4	0.8%
63.0%	44.2	44.5	0.3	0.7%
64.2%	44.2	44.5	0.3	0.8%
65.4%	44.2	44.4	0.3	0.6%
66.7%	44.1	44.4	0.3	0.6%
67.9%	44.1	44.4	0.2	0.5%
69.1%	44.1	44.3	0.2	0.4%
70.4%	44.0	44.2	0.2	0.4%
71.6%	44.0	44.2	0.2	0.5%
72.8%	44.0	44.2	0.3	0.6%
74.1%	43.8	44.2	0.4	1.0%
75.3%	43.8	44.2	0.4	0.9%
76.5%	43.7	43.9	0.1	0.3%
77.8%	43.7	43.8	0.1	0.2%
79.0%	43.7	43.8	0.0	0.1%
80.2%	43.5	43.7	0.2	0.5%
81.5%	43.5	43.7	0.1	0.3%
82.7%	43.4	43.6	0.2	0.5%
84.0%	43.4	43.6	0.2	0.5%
85.2%	43.4	43.5	0.1	0.3%
86.4%	43.3	43.4	0.1	0.3%
87.7%	43.2	43.4	0.2	0.4%
88.9%	43.2	43.4	0.3	0.6%
90.1%	43.2	43.4	0.2	0.6%
91.4%	43.1	43.4	0.2	0.6%
92.6%	43.1	43.3	0.2	0.5%
93.8%	43.1	43.3	0.2	0.5%
95.1%	43.0	43.2	0.2	0.4%
96.3%	42.7	42.7	0.1	0.1%
97.5%	42.6	42.7	0.1	0.2%
98.8%	42.6	42.7	0.1	0.3%
100.0%	41.9	42.7	0.8	2.0%

Table SQ-06-9b

Sacramento River at Red Bluff, Monthly Temperature

Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	48.7	48.8	0.1	0.2%
1.2%	48.6	48.7	0.1	0.1%
2.5%	48.3	48.4	0.1	0.3%
3.7%	48.2	48.3	0.0	0.1%
4.9%	48.2	48.2	0.0	0.1%
6.2%	48.1	48.2	0.1	0.2%
7.4%	48.0	48.1	0.0	0.1%
8.6%	47.9	47.8	-0.1	-0.2%
9.9%	47.8	47.8	-0.1	-0.1%
11.1%	47.6	47.7	0.0	0.1%
12.3%	47.5	47.6	0.2	0.3%
13.6%	47.5	47.6	0.2	0.4%
14.8%	47.4	47.6	0.2	0.4%
16.0%	47.3	47.4	0.1	0.1%
17.3%	47.3	47.3	0.1	0.1%
18.5%	47.3	47.3	0.1	0.1%
19.8%	47.3	47.3	0.0	0.1%
21.0%	47.3	47.3	0.0	0.0%
22.2%	47.1	47.1	0.0	0.1%
23.5%	47.0	47.1	0.1	0.2%
24.7%	46.9	46.9	0.0	0.1%
25.9%	46.9	46.9	0.0	0.1%
27.2%	46.9	46.8	0.0	-0.1%
28.4%	46.8	46.8	0.0	0.0%
29.6%	46.8	46.8	0.0	0.1%
30.9%	46.8	46.8	0.0	0.0%
32.1%	46.8	46.8	0.0	0.0%
33.3%	46.8	46.8	0.0	-0.1%
34.6%	46.7	46.7	0.0	0.0%
35.8%	46.7	46.7	0.0	0.0%
37.0%	46.6	46.6	0.0	0.1%
38.3%	46.6	46.6	0.1	0.1%
39.5%	46.6	46.6	0.0	0.0%
40.7%	46.5	46.5	0.0	0.0%
42.0%	46.5	46.5	0.0	0.1%
43.2%	46.5	46.5	0.0	0.0%
44.4%	46.4	46.4	0.0	0.0%
45.7%	46.4	46.4	0.0	-0.1%
46.9%	46.4	46.4	0.0	0.0%
48.1%	46.4	46.4	0.0	0.0%
49.4%	46.2	46.3	0.1	0.2%
50.6%	46.2	46.2	0.0	0.0%
51.9%	46.2	46.2	0.0	0.1%
53.1%	46.1	46.2	0.1	0.1%
54.3%	46.1	46.2	0.0	0.1%
55.6%	46.1	46.1	0.1	0.2%
56.8%	46.0	46.1	0.0	0.1%
58.0%	46.0	46.1	0.0	0.1%
59.3%	46.0	46.1	0.1	0.1%
60.5%	46.0	46.1	0.1	0.1%
61.7%	46.0	46.0	0.1	0.1%
63.0%	45.9	46.0	0.1	0.1%
64.2%	45.8	46.0	0.1	0.3%
65.4%	45.8	45.9	0.1	0.2%
66.7%	45.8	45.8	0.0	0.0%
67.9%	45.8	45.8	0.0	-0.1%
69.1%	45.8	45.7	0.0	0.0%
70.4%	45.7	45.7	0.0	0.0%
71.6%	45.5	45.6	0.1	0.2%
72.8%	45.5	45.5	0.0	0.0%
74.1%	45.4	45.5	0.0	0.1%
75.3%	45.4	45.5	0.0	0.1%
76.5%	45.4	45.4	0.0	0.0%
77.8%	45.4	45.3	0.0	-0.1%
79.0%	45.3	45.3	0.0	-0.1%
80.2%	45.2	45.2	0.0	0.0%
81.5%	45.1	45.2	0.0	0.1%
82.7%	45.0	45.1	0.1	0.2%
84.0%	45.0	45.0	0.0	0.0%
85.2%	44.9	45.0	0.1	0.3%
86.4%	44.8	44.9	0.0	0.1%
87.7%	44.8	44.8	0.0	0.1%
88.9%	44.7	44.8	0.1	0.2%
90.1%	44.7	44.6	0.0	-0.1%
91.4%	44.6	44.6	0.0	0.1%
92.6%	44.6	44.6	0.0	0.0%
93.8%	44.5	44.5	0.0	0.1%
95.1%	44.4	44.4	0.0	0.0%
96.3%	44.4	44.4	0.0	0.1%
97.5%	44.2	44.2	0.1	0.1%
98.8%	44.1	44.2	0.1	0.2%
100.0%	43.6	43.6	0.0	0.0%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.6	53.7	0.1	0.1%
1.2%	53.3	53.5	0.1	0.3%
2.5%	52.7	52.9	0.2	0.3%
3.7%	52.7	52.6	-0.1	-0.1%
4.9%	52.1	52.4	0.3	0.6%
6.2%	52.0	52.1	0.1	0.2%
7.4%	51.9	51.9	0.0	0.0%
8.6%	51.9	51.9	0.0	0.0%
9.9%	51.7	51.7	0.0	0.0%
11.1%	51.6	51.6	0.0	0.1%
12.3%	51.6	51.6	0.0	0.1%
13.6%	51.5	51.6	0.1	0.1%
14.8%	51.4	51.3	-0.1	-0.2%
16.0%	51.3	51.3	0.0	0.0%
17.3%	51.0	51.0	0.0	0.0%
18.5%	51.0	51.0	-0.1	-0.1%
19.8%	51.0	50.9	-0.1	-0.1%
21.0%	50.9	50.9	0.0	0.1%
22.2%	50.8	50.8	0.0	0.1%
23.5%	50.8	50.8	0.0	0.0%
24.7%	50.7	50.8	0.1	0.2%
25.9%	50.6	50.7	0.1	0.2%
27.2%	50.6	50.7	0.1	0.2%
28.4%	50.6	50.7	0.1	0.2%
29.6%	50.6	50.7	0.1	0.2%
30.9%	50.6	50.6	0.1	0.2%
32.1%	50.4	50.5	0.2	0.3%
33.3%	50.3	50.4	0.1	0.3%
34.6%	50.2	50.3	0.1	0.2%
35.8%	50.2	50.3	0.1	0.3%
37.0%	50.1	50.3	0.2	0.3%
38.3%	50.1	50.2	0.1	0.2%
39.5%	50.1	50.2	0.1	0.1%
40.7%	50.1	50.1	0.0	0.1%
42.0%	50.0	50.1	0.1	0.2%
43.2%	50.0	50.1	0.1	0.2%
44.4%	49.9	50.1	0.2	0.4%
45.7%	49.8	50.0	0.2	0.5%
46.9%	49.8	50.0	0.3	0.5%
48.1%	49.8	49.9	0.1	0.3%
49.4%	49.7	49.8	0.1	0.1%
50.6%	49.7	49.7	0.0	0.0%
51.9%	49.6	49.7	0.1	0.1%
53.1%	49.6	49.6	0.0	0.1%
54.3%	49.5	49.5	0.0	0.0%
55.6%	49.4	49.4	0.0	0.0%
56.8%	49.4	49.3	-0.1	-0.2%
58.0%	49.4	49.3	-0.1	-0.1%
59.3%	49.3	49.3	0.0	0.0%
60.5%	49.2	49.3	0.1	0.1%
61.7%	49.1	49.3	0.1	0.3%
63.0%	49.1	49.2	0.0	0.1%
64.2%	49.0	49.1	0.1	0.1%
65.4%	49.0	49.1	0.0	0.1%
66.7%	49.0	49.0	0.0	0.0%
67.9%	49.0	49.0	0.0	0.0%
69.1%	49.0	49.0	0.0	0.0%
70.4%	48.9	48.9	0.0	0.1%
71.6%	48.8	48.9	0.0	0.1%
72.8%	48.6	48.6	0.0	0.1%
74.1%	48.6	48.6	0.0	0.0%
75.3%	48.5	48.6	0.0	0.1%
76.5%	48.4	48.6	0.2	0.4%
77.8%	48.3	48.4	0.1	0.2%
79.0%	48.3	48.4	0.1	0.2%
80.2%	48.1	48.2	0.1	0.2%
81.5%	48.1	48.1	0.1	0.2%
82.7%	48.0	48.0	0.1	0.1%
84.0%	48.0	48.0	0.0	0.0%
85.2%	47.9	47.9	0.0	-0.1%
86.4%	47.8	47.9	0.0	0.1%
87.7%	47.8	47.8	0.0	0.0%
88.9%	47.7	47.8	0.1	0.1%
90.1%	47.7	47.8	0.1	0.1%
91.4%	47.6	47.7	0.1	0.2%
92.6%	47.6	47.6	0.1	0.2%
93.8%	47.4	47.4	0.0	0.0%
95.1%	47.2	47.2	0.0	0.0%
96.3%	47.1	47.1	0.0	0.0%
97.5%	46.9	47.0	0.0	0.0%
98.8%	46.7	46.8	0.1	0.1%
100.0%	46.4	46.4	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	57.3	57.7	0.4	0.7%
1.2%	56.5	57.2	0.7	1.2%
2.5%	56.1	56.5	0.4	0.6%
3.7%	56.0	56.4	0.5	0.8%
4.9%	55.8	56.2	0.3	0.6%
6.2%	55.7	56.1	0.5	0.8%
7.4%	55.5	56.0	0.5	0.9%
8.6%	55.4	55.9	0.5	0.9%
9.9%	55.3	55.8	0.6	1.1%
11.1%	55.2	55.8	0.5	1.0%
12.3%	55.2	55.6	0.4	0.8%
13.6%	55.0	55.6	0.6	1.0%
14.8%	55.0	55.6	0.6	1.1%
16.0%	55.0	55.6	0.6	1.1%
17.3%	54.6	55.5	0.8	1.5%
18.5%	54.6	55.2	0.6	1.1%
19.8%	54.6	55.2	0.6	1.2%
21.0%	54.5	55.1	0.6	1.0%
22.2%	54.5	55.0	0.5	0.8%
23.5%	54.5	55.0	0.5	0.8%
24.7%	54.5	55.0	0.5	0.8%
25.9%	54.5	54.9	0.4	0.7%
27.2%	54.5	54.8	0.4	0.7%
28.4%	54.4	54.7	0.3	0.6%
29.6%	54.4	54.7	0.3	0.5%
30.9%	54.3	54.7	0.3	0.6%
32.1%	54.2	54.6	0.4	0.8%
33.3%	54.2	54.6	0.4	0.7%
34.6%	54.1	54.5	0.5	0.9%
35.8%	54.0	54.5	0.5	0.9%
37.0%	54.0	54.5	0.5	0.8%
38.3%	54.0	54.4	0.5	0.8%
39.5%	53.9	54.4	0.5	0.9%
40.7%	53.8	54.3	0.5	0.9%
42.0%	53.8	54.3	0.5	0.9%
43.2%	53.7	54.3	0.5	1.0%
44.4%	53.7	54.1	0.4	0.8%
45.7%	53.7	54.0	0.4	0.7%
46.9%	53.6	54.0	0.3	0.6%
48.1%	53.6	53.9	0.4	0.7%
49.4%	53.5	53.9	0.4	0.7%
50.6%	53.5	53.9	0.4	0.7%
51.9%	53.5	53.8	0.3	0.6%
53.1%	53.4	53.8	0.4	0.7%
54.3%	53.4	53.7	0.3	0.6%
55.6%	53.3	53.7	0.4	0.7%
56.8%	53.2	53.6	0.4	0.8%
58.0%	53.1	53.6	0.5	0.9%
59.3%	53.1	53.6	0.6	1.1%
60.5%	53.0	53.5	0.5	0.9%
61.7%	53.0	53.4	0.4	0.8%
63.0%	53.0	53.4	0.4	0.8%
64.2%	52.9	53.4	0.5	0.9%
65.4%	52.8	53.4	0.6	1.1%
66.7%	52.8	53.4	0.6	1.1%
67.9%	52.8	53.3	0.5	1.0%
69.1%	52.7	53.2	0.4	0.8%
70.4%	52.7	53.1	0.3	0.6%
71.6%	52.7	52.9	0.3	0.5%
72.8%	52.5	52.9	0.4	0.7%
74.1%	52.3	52.8	0.5	1.0%
75.3%	52.2	52.8	0.6	1.1%
76.5%	52.2	52.7	0.5	1.0%
77.8%	52.1	52.7	0.5	1.0%
79.0%	52.1	52.6	0.5	1.0%
80.2%	51.9	52.2	0.3	0.6%
81.5%	51.8	52.1	0.4	0.7%
82.7%	51.7	52.0	0.3	0.6%
84.0%	51.5	52.0	0.5	0.9%
85.2%	51.5	51.9	0.5	0.9%
86.4%	51.3	51.8	0.5	0.9%
87.7%	51.3	51.7	0.5	0.9%
88.9%	51.2	51.7	0.5	0.9%
90.1%	51.1	51.5	0.4	0.8%
91.4%	51.0	51.4	0.4	0.8%
92.6%	51.0	51.4	0.4	0.8%
93.8%	50.9	51.2	0.3	0.6%
95.1%	50.9	51.0	0.1	0.1%
96.3%	50.8	50.9	0.1	0.2%
97.5%	50.4	50.4	-0.1	-0.1%
98.8%	49.9	49.8	-0.1	-0.2%
100.0%	48.5	48.5	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.1	59.7	-0.4	-0.7%
1.2%	60.1	59.5	-0.6	-1.0%
2.5%	59.6	59.2	-0.5	-0.8%
3.7%	59.6	59.2	-0.4	-0.7%
4.9%	59.3	59.0	-0.4	-0.6%
6.2%	59.2	58.9	-0.3	-0.5%
7.4%	58.7	58.3	-0.4	-0.6%
8.6%	58.6	58.2	-0.4	-0.7%
9.9%	58.4	58.2	-0.2	-0.3%
11.1%	58.4	58.2	-0.2	-0.3%
12.3%	58.3	58.1	-0.1	-0.2%
13.6%	58.1	58.1	0.0	0.0%
14.8%	58.0	58.0	0.0	-0.1%
16.0%	57.9	57.9	0.0	0.1%
17.3%	57.8	57.8	0.0	0.1%
18.5%	57.8	57.8	0.0	0.0%
19.8%	57.7	57.7	0.0	0.0%
21.0%	57.7	57.5	-0.2	-0.4%
22.2%	57.7	57.4	-0.3	-0.5%
23.5%	57.7	57.4	-0.2	-0.4%
24.7%	57.6	57.3	-0.3	-0.4%
25.9%	57.6	57.2	-0.3	-0.5%
27.2%	57.5	57.2	-0.3	-0.5%
28.4%	57.5	57.2	-0.3	-0.5%
29.6%	57.5	57.1	-0.3	-0.5%
30.9%	57.2	57.1	-0.1	-0.2%
32.1%	57.1	57.1	0.0	0.0%
33.3%	57.1	57.0	-0.1	-0.2%
34.6%	57.1	57.0	-0.1	-0.1%
35.8%	56.9	57.0	0.1	0.2%
37.0%	56.9	56.9	0.1	0.1%
38.3%	56.8	56.9	0.1	0.2%
39.5%	56.8	56.9	0.2	0.3%
40.7%	56.7	56.8	0.1	0.2%
42.0%	56.7	56.8	0.1	0.2%
43.2%	56.7	56.7	0.1	0.1%
44.4%	56.7	56.7	0.1	0.2%
45.7%	56.5	56.7	0.2	0.3%
46.9%	56.4	56.6	0.2	0.3%
48.1%	56.4	56.6	0.2	0.4%
49.4%	56.3	56.6	0.2	0.4%
50.6%	56.3	56.5	0.2	0.4%
51.9%	56.2	56.4	0.2	0.4%
53.1%	56.2	56.4	0.2	0.4%
54.3%	56.2	56.4	0.2	0.4%
55.6%	56.1	56.2	0.0	0.1%
56.8%	56.1	56.2	0.1	0.2%
58.0%	56.0	56.1	0.1	0.2%
59.3%	56.0	56.1	0.1	0.1%
60.5%	55.9	56.0	0.1	0.3%
61.7%	55.9	56.0	0.1	0.2%
63.0%	55.9	56.0	0.1	0.3%
64.2%	55.8	56.0	0.2	0.3%
65.4%	55.8	56.0	0.1	0.3%
66.7%	55.8	56.0	0.1	0.2%
67.9%	55.6	56.0	0.4	0.7%
69.1%	55.5	56.0	0.4	0.8%
70.4%	55.5	55.9	0.4	0.7%
71.6%	55.4	55.8	0.3	0.6%
72.8%	55.4	55.7	0.4	0.6%
74.1%	55.1	55.7	0.6	1.0%
75.3%	55.1	55.6	0.5	0.9%
76.5%	55.0	55.5	0.5	1.0%
77.8%	55.0	55.5	0.5	1.0%
79.0%	55.0	55.5	0.5	1.0%
80.2%	55.0	55.5	0.5	1.0%
81.5%	54.9	55.3	0.4	0.7%
82.7%	54.9	55.1	0.2	0.4%
84.0%	54.8	55.1	0.3	0.5%
85.2%	54.8	55.1	0.3	0.5%
86.4%	54.8	55.1	0.3	0.5%
87.7%	54.8	55.0	0.2	0.4%
88.9%	54.7	54.8	0.1	0.1%
90.1%	54.6	54.7	0.0	0.0%
91.4%	54.5	54.5	0.0	0.1%
92.6%	54.4	54.3	-0.1	-0.3%
93.8%	54.2	54.2	0.0	0.0%
95.1%	53.8	53.9	0.1	0.1%
96.3%	53.8	53.7	-0.1	-0.2%
97.5%	53.8	53.6	-0.2	-0.3%
98.8%	53.6	53.6	0.0	0.0%
100.0%	52.6	52.5	-0.1	-0.2%

Table SQ-06-9b

Sacramento River at Red Bluff, Monthly Temperature

Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	61.1	60.8	-0.3	-0.5%
1.2%	61.0	60.1	-0.9	-1.5%
2.5%	59.9	60.0	0.1	0.1%
3.7%	59.5	59.5	0.0	0.0%
4.9%	59.4	59.4	0.0	0.0%
6.2%	59.1	59.3	0.2	0.3%
7.4%	59.0	59.1	0.1	0.2%
8.6%	58.9	59.0	0.2	0.3%
9.9%	58.8	58.9	0.2	0.3%
11.1%	58.5	58.9	0.4	0.6%
12.3%	58.4	58.7	0.2	0.4%
13.6%	58.3	58.6	0.3	0.5%
14.8%	58.2	58.3	0.2	0.3%
16.0%	58.2	58.2	0.1	0.1%
17.3%	58.0	58.2	0.2	0.4%
18.5%	57.9	58.0	0.1	0.2%
19.8%	57.9	57.9	0.0	0.0%
21.0%	57.9	57.8	0.0	-0.1%
22.2%	57.7	57.7	0.0	0.0%
23.5%	57.7	57.6	-0.1	-0.2%
24.7%	57.5	57.6	0.0	0.1%
25.9%	57.5	57.6	0.1	0.1%
27.2%	57.5	57.6	0.0	0.1%
28.4%	57.5	57.5	0.0	0.1%
29.6%	57.5	57.5	0.0	0.0%
30.9%	57.5	57.5	0.0	0.0%
32.1%	57.4	57.5	0.0	0.0%
33.3%	57.4	57.4	0.1	0.1%
34.6%	57.3	57.4	0.1	0.2%
35.8%	57.3	57.3	0.1	0.1%
37.0%	57.3	57.3	0.1	0.1%
38.3%	57.2	57.3	0.0	0.1%
39.5%	57.2	57.3	0.0	0.1%
40.7%	57.1	57.2	0.1	0.1%
42.0%	57.1	57.2	0.1	0.2%
43.2%	57.0	57.2	0.2	0.3%
44.4%	57.0	57.1	0.2	0.3%
45.7%	57.0	57.1	0.2	0.3%
46.9%	57.0	57.1	0.1	0.2%
48.1%	56.9	57.1	0.2	0.3%
49.4%	56.9	57.1	0.2	0.3%
50.6%	56.8	57.0	0.2	0.4%
51.9%	56.8	57.0	0.2	0.4%
53.1%	56.8	57.0	0.2	0.4%
54.3%	56.8	57.0	0.2	0.4%
55.6%	56.8	56.9	0.2	0.3%
56.8%	56.6	56.9	0.3	0.5%
58.0%	56.6	56.9	0.3	0.5%
59.3%	56.6	56.9	0.3	0.5%
60.5%	56.6	56.9	0.3	0.5%
61.7%	56.6	56.8	0.3	0.5%
63.0%	56.6	56.8	0.2	0.4%
64.2%	56.5	56.8	0.2	0.4%
65.4%	56.5	56.7	0.2	0.4%
66.7%	56.5	56.7	0.1	0.2%
67.9%	56.4	56.6	0.2	0.4%
69.1%	56.4	56.6	0.3	0.5%
70.4%	56.3	56.6	0.3	0.5%
71.6%	56.3	56.6	0.3	0.5%
72.8%	56.2	56.6	0.4	0.7%
74.1%	56.2	56.6	0.4	0.7%
75.3%	56.2	56.5	0.3	0.6%
76.5%	56.1	56.5	0.3	0.6%
77.8%	56.1	56.3	0.2	0.4%
79.0%	56.1	56.3	0.2	0.3%
80.2%	56.1	56.3	0.2	0.3%
81.5%	56.1	56.2	0.1	0.2%
82.7%	56.0	56.2	0.1	0.3%
84.0%	56.0	56.2	0.2	0.3%
85.2%	56.0	56.1	0.1	0.1%
86.4%	56.0	56.1	0.1	0.1%
87.7%	56.0	56.1	0.1	0.2%
88.9%	56.0	56.1	0.1	0.1%
90.1%	55.9	56.0	0.1	0.3%
91.4%	55.7	55.9	0.2	0.3%
92.6%	55.6	55.9	0.3	0.6%
93.8%	55.5	55.9	0.3	0.6%
95.1%	55.3	55.8	0.5	0.9%
96.3%	55.0	55.3	0.4	0.7%
97.5%	55.0	55.2	0.3	0.5%
98.8%	54.9	55.0	0.1	0.2%
100.0%	54.8	54.9	0.1	0.2%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	63.6	61.7	-1.8	-2.9%
1.2%	62.4	61.6	-0.7	-1.2%
2.5%	61.8	61.4	-0.4	-0.6%
3.7%	61.4	61.3	-0.1	-0.1%
4.9%	61.3	60.8	-0.5	-0.8%
6.2%	61.2	60.6	-0.5	-0.9%
7.4%	61.0	60.6	-0.4	-0.7%
8.6%	60.8	60.5	-0.3	-0.6%
9.9%	60.2	60.5	0.3	0.5%
11.1%	60.1	60.2	0.1	0.2%
12.3%	60.0	59.8	-0.3	-0.4%
13.6%	59.7	59.6	-0.1	-0.2%
14.8%	59.5	59.6	0.1	0.1%
16.0%	59.4	59.6	0.2	0.3%
17.3%	59.3	59.1	-0.3	-0.4%
18.5%	59.2	59.1	-0.2	-0.3%
19.8%	59.0	59.0	0.0	0.0%
21.0%	58.9	59.0	0.0	0.1%
22.2%	58.9	59.0	0.1	0.2%
23.5%	58.8	58.9	0.0	0.1%
24.7%	58.7	58.9	0.2	0.4%
25.9%	58.5	58.8	0.3	0.5%
27.2%	58.5	58.8	0.2	0.4%
28.4%	58.5	58.7	0.1	0.2%
29.6%	58.5	58.5	0.0	0.0%
30.9%	58.5	58.4	-0.1	-0.1%
32.1%	58.5	58.4	-0.1	-0.1%
33.3%	58.4	58.4	-0.1	-0.1%
34.6%	58.3	58.2	-0.1	-0.1%
35.8%	58.2	58.2	0.0	0.0%
37.0%	58.1	58.2	0.1	0.1%
38.3%	58.1	58.1	0.0	0.0%
39.5%	58.1	58.1	0.0	0.0%
40.7%	58.0	58.1	0.1	0.1%
42.0%	58.0	58.1	0.1	0.2%
43.2%	57.9	58.1	0.1	0.2%
44.4%	57.9	58.0	0.1	0.2%
45.7%	57.8	57.9	0.1	0.1%
46.9%	57.7	57.8	0.1	0.2%
48.1%	57.6	57.8	0.1	0.2%
49.4%	57.5	57.8	0.3	0.5%
50.6%	57.5	57.6	0.2	0.3%
51.9%	57.4	57.6	0.2	0.4%
53.1%	57.3	57.5	0.2	0.3%
54.3%	57.2	57.5	0.3	0.5%
55.6%	57.2	57.4	0.3	0.5%
56.8%	57.1	57.4	0.3	0.5%
58.0%	57.1	57.4	0.3	0.6%
59.3%	57.0	57.4	0.3	0.6%
60.5%	57.0	57.3	0.3	0.6%
61.7%	57.0	57.3	0.2	0.4%
63.0%	57.0	57.2	0.2	0.4%
64.2%	57.0	57.2	0.2	0.3%
65.4%	57.0	57.2	0.2	0.4%
66.7%	56.9	57.2	0.3	0.5%
67.9%	56.9	57.2	0.3	0.5%
69.1%	56.8	57.1	0.4	0.6%
70.4%	56.8	57.1	0.3	0.5%
71.6%	56.8	57.0	0.3	0.5%
72.8%	56.7	57.0	0.3	0.5%
74.1%	56.7	57.0	0.3	0.5%
75.3%	56.7	57.0	0.3	0.5%
76.5%	56.7	56.9	0.3	0.5%
77.8%	56.7	56.8	0.2	0.3%
79.0%	56.6	56.8	0.2	0.3%
80.2%	56.6	56.8	0.2	0.3%
81.5%	56.6	56.8	0.2	0.3%
82.7%	56.6	56.7	0.2	0.3%
84.0%	56.5	56.7	0.2	0.3%
85.2%	56.5	56.6	0.2	0.3%
86.4%	56.4	56.6	0.2	0.4%
87.7%	56.4	56.4	0.0	0.0%
88.9%	56.3	56.3	0.1	0.1%
90.1%	56.3	56.3	0.1	0.1%
91.4%	56.1	56.2	0.1	0.2%
92.6%	56.0	56.1	0.1	0.1%
93.8%	55.9	56.1	0.2	0.4%
95.1%	55.8	55.9	0.1	0.2%
96.3%	55.8	55.8	0.0	0.0%
97.5%	55.8	55.7	-0.1	-0.2%
98.8%	55.7	55.6	-0.1	-0.2%
100.0%	55.6	55.6	0.0	0.0%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.6	65.7	-1.9	-2.8%
1.2%	67.3	61.5	-5.8	-8.6%
2.5%	66.3	61.0	-5.2	-7.9%
3.7%	65.0	60.7	-4.3	-6.6%
4.9%	62.6	60.7	-1.9	-3.0%
6.2%	62.3	60.3	-2.1	-3.4%
7.4%	61.9	60.1	-1.8	-2.9%
8.6%	61.0	60.1	-0.9	-1.5%
9.9%	60.7	60.1	-0.6	-1.0%
11.1%	60.4	59.9	-0.5	-0.9%
12.3%	60.4	59.7	-0.7	-1.1%
13.6%	60.3	59.7	-0.6	-1.0%
14.8%	60.0	59.6	-0.4	-0.7%
16.0%	60.0	59.6	-0.5	-0.8%
17.3%	59.8	59.5	-0.2	-0.4%
18.5%	59.6	59.4	-0.2	-0.4%
19.8%	59.6	59.3	-0.3	-0.5%
21.0%	59.5	59.2	-0.3	-0.5%
22.2%	59.3	59.2	-0.1	-0.2%
23.5%	59.3	59.1	-0.2	-0.3%
24.7%	59.2	59.1	-0.2	-0.3%
25.9%	59.2	59.1	-0.2	-0.3%
27.2%	59.1	59.0	-0.1	-0.2%
28.4%	59.1	58.9	-0.1	-0.2%
29.6%	58.8	58.8	0.0	-0.1%
30.9%	58.8	58.8	-0.1	-0.1%
32.1%	58.8	58.8	-0.1	-0.1%
33.3%	58.8	58.7	-0.1	-0.2%
34.6%	58.7	58.7	0.0	0.0%
35.8%	58.7	58.6	0.0	0.0%
37.0%	58.6	58.6	0.0	0.0%
38.3%	58.6	58.6	0.0	0.0%
39.5%	58.6	58.5	-0.1	-0.1%
40.7%	58.6	58.5	-0.1	-0.2%
42.0%	58.4	58.5	0.1	0.2%
43.2%	58.3	58.4	0.1	0.2%
44.4%	58.3	58.4	0.1	0.1%
45.7%	58.3	58.4	0.1	0.2%
46.9%	58.3	58.4	0.1	0.2%
48.1%	58.3	58.4	0.1	0.2%
49.4%	58.3	58.4	0.1	0.2%
50.6%	58.2	58.4	0.1	0.2%
51.9%	58.2	58.3	0.1	0.2%
53.1%	58.2	58.3	0.1	0.1%
54.3%	58.2	58.3	0.1	0.2%
55.6%	58.1	58.3	0.2	0.3%
56.8%	58.1	58.2	0.1	0.2%
58.0%	58.1	58.1	0.1	0.2%
59.3%	58.0	58.1	0.1	0.3%
60.5%	58.0	58.1	0.2	0.3%
61.7%	57.9	58.1	0.2	0.3%
63.0%	57.9	58.1	0.2	0.3%
64.2%	57.9	58.1	0.2	0.3%
65.4%	57.9	58.1	0.2	0.3%
66.7%	57.9	58.1	0.2	0.3%
67.9%	57.9	57.9	0.0	0.1%
69.1%	57.9	57.9	0.0	0.1%
70.4%	57.8	57.9	0.1	0.1%
71.6%	57.8	57.8	0.0	0.0%
72.8%	57.7	57.8	0.1	0.2%
74.1%	57.7	57.7	0.0	0.0%
75.3%	57.7	57.7	0.0	0.0%
76.5%	57.7	57.6	-0.1	-0.1%
77.8%	57.6	57.5	0.0	-0.1%
79.0%	57.5	57.5	0.0	0.0%
80.2%	57.5	57.5	0.1	0.1%
81.5%	57.4	57.5	0.0	0.1%
82.7%	57.4	57.4	0.1	0.1%
84.0%	57.4	57.4	0.0	0.1%
85.2%	57.3	57.4	0.1	0.2%
86.4%	57.2	57.3	0.0	0.1%
87.7%	57.2	57.2	-0.1	-0.1%
88.9%	57.2	57.1	-0.2	-0.3%
90.1%	56.9	57.0	0.1	0.2%
91.4%	56.9	57.0	0.1	0.2%
92.6%	56.8	56.9	0.1	0.2%
93.8%	56.6	56.9	0.3	0.5%
95.1%	56.5	56.9	0.4	0.7%
96.3%	56.3	56.9	0.6	1.0%
97.5%	56.2	56.7	0.4	0.8%
98.8%	56.0	56.3	0.3	0.6%
100.0%	55.9	56.1	0.2	0.4%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.0	66.0	-1.0	-1.5%
1.2%	65.6	65.0	-0.7	-1.0%
2.5%	65.5	63.8	-1.7	-2.6%
3.7%	65.1	63.0	-2.1	-3.2%
4.9%	64.9	62.6	-2.3	-3.5%
6.2%	64.8	62.6	-2.2	-3.4%
7.4%	64.4	62.4	-2.0	-3.1%
8.6%	63.7	62.1	-1.6	-2.6%
9.9%	62.4	61.6	-0.8	-1.3%
11.1%	61.6	61.5	-0.1	-0.2%
12.3%	61.5	61.0	-0.5	-0.8%
13.6%	61.4	61.0	-0.5	-0.8%
14.8%	61.3	60.7	-0.6	-1.1%
16.0%	61.1	60.4	-0.7	-1.2%
17.3%	60.8	60.1	-0.6	-1.0%
18.5%	60.6	59.9	-0.7	-1.1%
19.8%	60.5	59.8	-0.7	-1.2%
21.0%	60.5	59.6	-0.9	-1.4%
22.2%	60.2	59.6	-0.7	-1.1%
23.5%	60.2	59.5	-0.7	-1.1%
24.7%	60.0	59.5	-0.5	-0.9%
25.9%	59.9	59.3	-0.6	-1.0%
27.2%	59.5	59.3	-0.2	-0.4%
28.4%	59.4	59.3	-0.2	-0.3%
29.6%	59.4	59.2	-0.2	-0.4%
30.9%	59.4	59.1	-0.3	-0.5%
32.1%	59.3	58.9	-0.5	-0.8%
33.3%	59.3	58.9	-0.5	-0.8%
34.6%	59.3	58.8	-0.5	-0.8%
35.8%	59.2	58.8	-0.4	-0.7%
37.0%	59.2	58.7	-0.5	-0.9%
38.3%	59.1	58.6	-0.5	-0.9%
39.5%	59.0	58.6	-0.4	-0.7%
40.7%	59.0	58.4	-0.6	-0.9%
42.0%	59.0	58.3	-0.7	-1.2%
43.2%	59.0	58.3	-0.7	-1.1%
44.4%	59.0	58.3	-0.7	-1.2%
45.7%	58.8	58.2	-0.5	-0.9%
46.9%	58.7	58.1	-0.5	-0.9%
48.1%	58.6	58.0	-0.6	-1.0%
49.4%	58.5	58.0	-0.5	-0.8%
50.6%	58.5	58.0	-0.5	-0.8%
51.9%	58.4	58.0	-0.3	-0.6%
53.1%	58.4	58.0	-0.4	-0.6%
54.3%	58.3	57.9	-0.3	-0.6%
55.6%	58.3	57.9	-0.3	-0.6%
56.8%	58.2	57.9	-0.3	-0.5%
58.0%	58.2	57.8	-0.3	-0.6%
59.3%	58.1	57.8	-0.4	-0.6%
60.5%	58.0	57.7	-0.3	-0.6%
61.7%	57.9	57.6	-0.3	-0.5%
63.0%	57.7	57.6	-0.1	-0.2%
64.2%	57.7	57.6	-0.1	-0.2%
65.4%	57.7	57.5	-0.1	-0.3%
66.7%	57.6	57.5	-0.1	-0.3%
67.9%	57.6	57.4	-0.2	-0.3%
69.1%	57.4	57.4	0.0	0.0%
70.4%	57.0	57.2	0.2	0.3%
71.6%	57.0	57.2	0.2	0.4%
72.8%	56.9	57.1	0.1	0.3%
74.1%	56.9	57.0	0.1	0.1%
75.3%	56.8	56.9	0.0	0.0%
76.5%	56.8	56.8	0.0	0.0%
77.8%	56.8	56.8	0.0	-0.1%
79.0%	56.8	56.8	0.0	0.0%
80.2%	56.7	56.7	0.0	0.0%
81.5%	56.7	56.6	-0.1	-0.2%
82.7%	56.7	56.5	-0.2	-0.3%
84.0%	56.6	56.5	-0.1	-0.2%
85.2%	56.6	56.5	-0.1	-0.1%
86.4%	56.5	56.3	-0.2	-0.4%
87.7%	56.2	56.2	0.0	0.0%
88.9%	56.2	56.2	0.0	0.0%
90.1%	56.2	56.1	-0.1	-0.2%
91.4%	56.2	56.1	-0.1	-0.3%
92.6%	56.1	55.9	-0.2	-0.3%
93.8%	56.1	55.4	-0.6	-1.1%
95.1%	56.0	55.4	-0.6	-1.1%
96.3%	55.9	55.1	-0.9	-1.5%
97.5%	55.6	54.8	-0.8	-1.4%
98.8%	54.5	54.5	0.0	0.0%
100.0%	54.3	54.3	0.0	0.0%

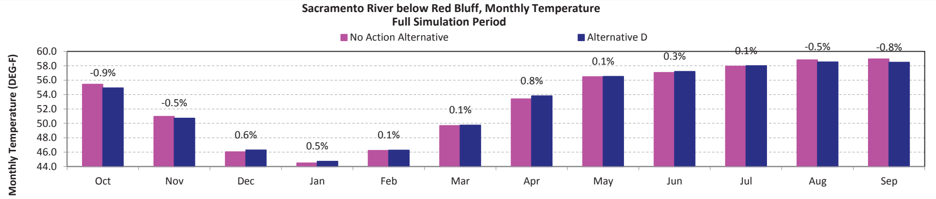
Table SQ-07-9a
Sacramento River below Red Bluff, Monthly Temperature
Long-term Average and Average by Water Year Type

Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	55.4	51.0	46.1	44.5	46.2	49.7	53.4	56.5	57.1	57.9	58.8	59.0
Alternative D	54.9	50.7	46.3	44.7	46.3	49.8	53.8	56.5	57.2	58.0	58.5	58.5
Difference	-0.5	-0.2	0.3	0.2	0.0	0.1	0.4	0.0	0.1	0.1	-0.3	-0.5
Percent Difference[3]	-0.9%	-0.5%	0.6%	0.5%	0.1%	0.1%	0.8%	0.1%	0.3%	0.1%	-0.5%	-0.8%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	54.8	51.4	46.1	44.6	45.9	48.7	52.3	56.1	56.9	58.0	58.2	56.7
Alternative D	54.6	51.2	46.6	44.8	46.0	48.7	52.5	56.0	56.8	58.1	58.3	56.6
Difference	-0.2	-0.2	0.4	0.1	0.0	0.0	0.1	-0.2	-0.1	0.2	0.1	-0.1
Percent Difference	-0.4%	-0.4%	0.9%	0.3%	0.0%	0.1%	0.3%	-0.3%	-0.2%	0.3%	0.2%	-0.2%
Above Normal (15%)												
No Action Alternative	54.5	50.7	46.5	44.8	46.3	49.9	53.8	57.1	56.4	56.9	58.3	58.0
Alternative D	54.2	50.6	46.9	45.0	46.3	49.9	54.1	56.9	56.7	57.0	58.5	57.8
Difference	-0.3	-0.1	0.4	0.2	0.0	0.0	0.3	-0.2	0.3	0.1	0.2	-0.2
Percent Difference	-0.6%	-0.2%	0.9%	0.5%	0.0%	0.1%	0.6%	-0.4%	0.5%	0.2%	0.3%	-0.3%
Below Normal (17%)												
No Action Alternative	54.2	50.4	46.4	44.3	45.9	49.6	53.9	56.6	56.7	57.3	57.9	59.0
Alternative D	53.8	50.2	46.5	44.5	45.9	49.7	54.5	56.7	56.8	57.3	58.0	58.6
Difference	-0.5	-0.2	0.1	0.2	0.0	0.0	0.6	0.1	0.2	0.0	0.0	-0.4
Percent Difference	-0.8%	-0.4%	0.3%	0.5%	0.1%	0.1%	1.1%	0.2%	0.3%	0.1%	0.1%	-0.7%
Dry (22%)												
No Action Alternative	55.7	51.1	46.0	44.3	46.4	50.4	54.1	56.2	57.1	57.5	58.6	60.0
Alternative D	55.0	50.7	46.0	44.7	46.4	50.4	54.7	56.4	57.6	57.7	58.3	59.4
Difference	-0.8	-0.4	0.0	0.4	0.0	0.1	0.6	0.2	0.5	0.3	-0.4	-0.7
Percent Difference	-1.4%	-0.8%	0.1%	0.8%	0.0%	0.1%	1.1%	0.3%	0.9%	0.4%	-0.6%	-1.1%
Critical (15%)												
No Action Alternative	58.6	50.7	45.2	44.3	47.1	50.8	53.7	56.9	58.4	60.5	62.0	63.1
Alternative D	57.7	50.4	45.4	44.6	47.2	50.9	54.4	57.4	58.4	60.0	60.0	61.8
Difference	-0.9	-0.3	0.2	0.3	0.1	0.1	0.7	0.5	0.0	-0.5	-2.0	-1.3
Percent Difference	-1.6%	-0.6%	0.4%	0.6%	0.2%	0.2%	1.4%	0.9%	0.0%	-0.8%	-3.2%	-2.1%

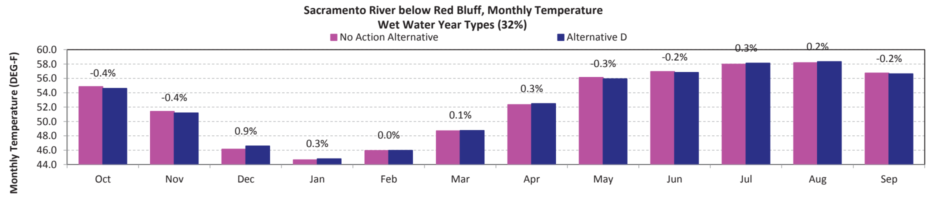
1 Based on the 82-year simulation period

2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

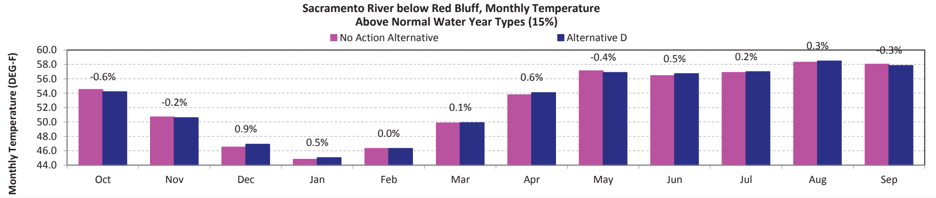
3 Relative difference of the monthly average



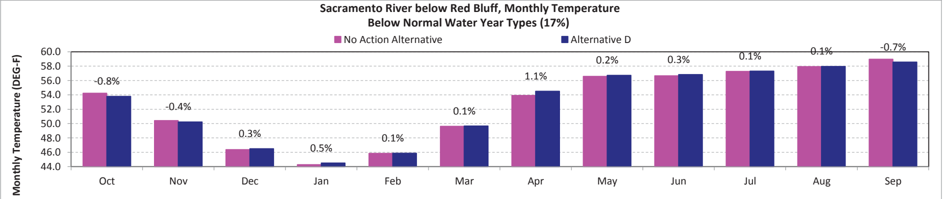
Sacramento River below Red Bluff, Monthly Temperature
Full Simulation Period



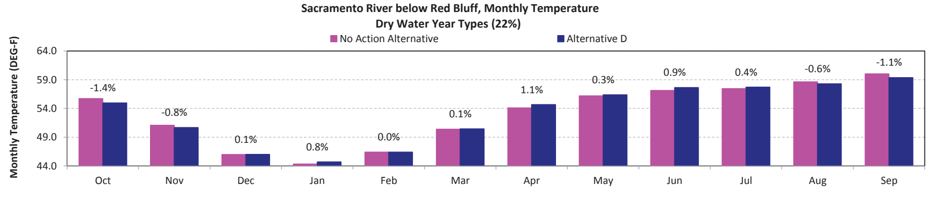
Sacramento River below Red Bluff, Monthly Temperature
Wet Water Year Types (32%)



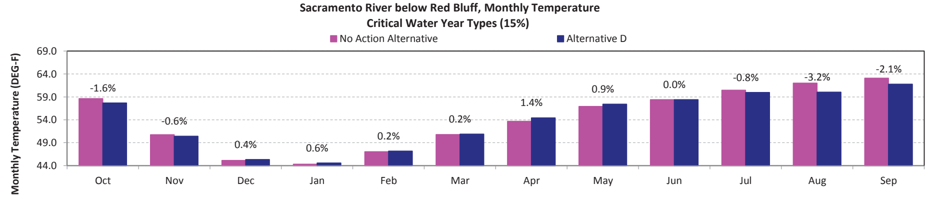
Sacramento River below Red Bluff, Monthly Temperature
Above Normal Water Year Types (15%)



Sacramento River below Red Bluff, Monthly Temperature
Below Normal Water Year Types (17%)



Sacramento River below Red Bluff, Monthly Temperature
Dry Water Year Types (22%)



Sacramento River below Red Bluff, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-07-9b
Sacramento River below Red Bluff, Monthly Temperature
Probability of Exceedance

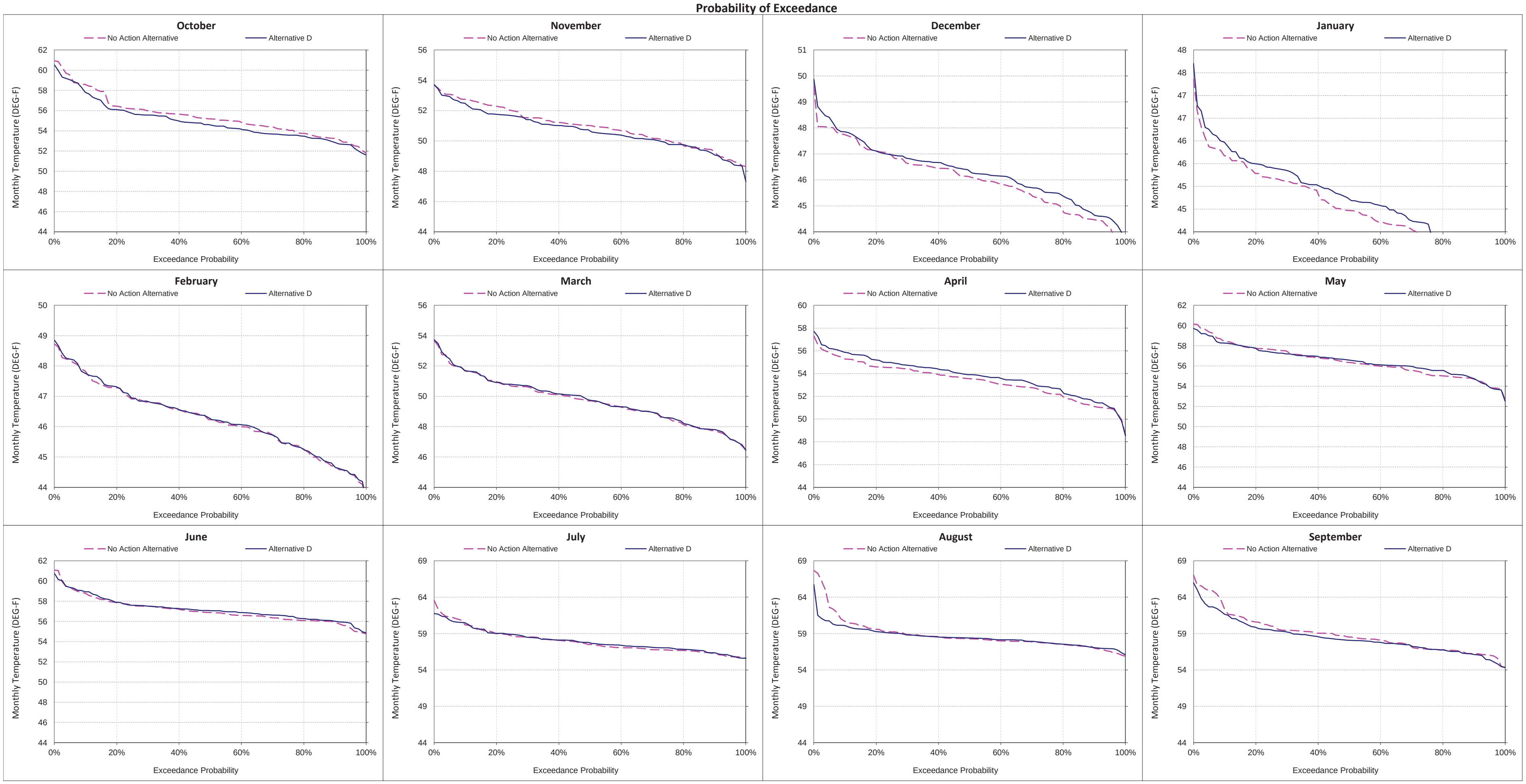


Table SQ-07-9b

Sacramento River below Red Bluff, Monthly Temperature

Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.9	60.5	-0.4	-0.6%
1.2%	60.9	60.0	-0.9	-1.5%
2.5%	60.3	59.3	-1.0	-1.6%
3.7%	59.7	59.2	-0.5	-0.9%
4.9%	59.5	59.1	-0.5	-0.8%
6.2%	58.8	58.9	0.1	0.2%
7.4%	58.7	58.7	0.0	0.0%
8.6%	58.6	58.3	-0.3	-0.5%
9.9%	58.6	57.8	-0.8	-1.4%
11.1%	58.4	57.7	-0.8	-1.3%
12.3%	58.4	57.3	-1.1	-1.8%
13.6%	58.0	57.2	-0.9	-1.5%
14.8%	57.9	57.0	-0.9	-1.5%
16.0%	57.9	56.5	-1.4	-2.3%
17.3%	56.7	56.2	-0.6	-1.0%
18.5%	56.5	56.1	-0.4	-0.6%
19.8%	56.4	56.1	-0.3	-0.6%
21.0%	56.4	56.1	-0.3	-0.6%
22.2%	56.3	56.0	-0.2	-0.4%
23.5%	56.2	55.9	-0.3	-0.6%
24.7%	56.2	55.8	-0.4	-0.8%
25.9%	56.2	55.6	-0.5	-0.9%
27.2%	56.1	55.6	-0.5	-0.9%
28.4%	56.1	55.6	-0.5	-0.9%
29.6%	56.0	55.6	-0.4	-0.8%
30.9%	55.9	55.5	-0.4	-0.7%
32.1%	55.9	55.5	-0.3	-0.6%
33.3%	55.8	55.5	-0.3	-0.6%
34.6%	55.8	55.5	-0.3	-0.5%
35.8%	55.8	55.4	-0.3	-0.6%
37.0%	55.7	55.2	-0.5	-0.9%
38.3%	55.7	55.1	-0.6	-1.1%
39.5%	55.6	55.0	-0.6	-1.1%
40.7%	55.6	54.9	-0.7	-1.3%
42.0%	55.6	54.9	-0.7	-1.3%
43.2%	55.6	54.8	-0.7	-1.3%
44.4%	55.4	54.8	-0.6	-1.1%
45.7%	55.3	54.8	-0.5	-1.0%
46.9%	55.3	54.8	-0.5	-0.9%
48.1%	55.2	54.6	-0.6	-1.1%
49.4%	55.2	54.6	-0.6	-1.1%
50.6%	55.2	54.6	-0.6	-1.1%
51.9%	55.1	54.5	-0.7	-1.2%
53.1%	55.1	54.5	-0.6	-1.1%
54.3%	55.0	54.5	-0.6	-1.1%
55.6%	55.0	54.3	-0.7	-1.3%
56.8%	55.0	54.3	-0.7	-1.3%
58.0%	55.0	54.2	-0.7	-1.3%
59.3%	54.9	54.2	-0.7	-1.4%
60.5%	54.8	54.1	-0.7	-1.2%
61.7%	54.7	54.1	-0.6	-1.1%
63.0%	54.6	54.0	-0.6	-1.2%
64.2%	54.6	53.9	-0.7	-1.3%
65.4%	54.5	53.8	-0.7	-1.3%
66.7%	54.5	53.8	-0.7	-1.4%
67.9%	54.4	53.7	-0.7	-1.3%
69.1%	54.4	53.7	-0.7	-1.3%
70.4%	54.4	53.7	-0.7	-1.2%
71.6%	54.2	53.7	-0.5	-1.0%
72.8%	54.2	53.6	-0.6	-1.0%
74.1%	54.2	53.6	-0.6	-1.1%
75.3%	54.0	53.6	-0.5	-0.9%
76.5%	54.0	53.6	-0.5	-0.9%
77.8%	53.8	53.6	-0.2	-0.5%
79.0%	53.7	53.5	-0.2	-0.5%
80.2%	53.7	53.5	-0.3	-0.5%
81.5%	53.7	53.3	-0.3	-0.6%
82.7%	53.5	53.3	-0.3	-0.5%
84.0%	53.4	53.3	-0.2	-0.4%
85.2%	53.4	53.2	-0.1	-0.3%
86.4%	53.4	53.2	-0.2	-0.4%
87.7%	53.3	53.1	-0.2	-0.3%
88.9%	53.3	52.9	-0.3	-0.6%
90.1%	53.3	52.8	-0.4	-0.8%
91.4%	53.1	52.7	-0.4	-0.8%
92.6%	52.9	52.7	-0.2	-0.4%
93.8%	52.9	52.6	-0.2	-0.4%
95.1%	52.7	52.6	-0.1	-0.1%
96.3%	52.5	52.3	-0.2	-0.5%
97.5%	52.4	52.0	-0.5	-0.9%
98.8%	52.0	51.8	-0.3	-0.5%
100.0%	51.8	51.6	0.0	-0.4%

November				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.7	53.7	0.0	0.0%
1.2%	53.5	53.4	0.0	-0.1%
2.5%	53.2	53.0	-0.2	-0.4%
3.7%	53.1	53.0	-0.1	-0.2%
4.9%	53.1	52.9	-0.1	-0.3%
6.2%	53.0	52.7	-0.3	-0.6%
7.4%	52.9	52.7	-0.2	-0.5%
8.6%	52.8	52.5	-0.2	-0.5%
9.9%	52.7	52.5	-0.3	-0.5%
11.1%	52.7	52.3	-0.4	-0.8%
12.3%	52.6	52.1	-0.5	-1.0%
13.6%	52.6	52.1	-0.5	-0.9%
14.8%	52.5	52.0	-0.5	-0.9%
16.0%	52.4	51.9	-0.5	-1.0%
17.3%	52.4	51.8	-0.6	-1.1%
18.5%	52.3	51.8	-0.6	-1.1%
19.8%	52.3	51.8	-0.5	-1.0%
21.0%	52.2	51.7	-0.5	-1.0%
22.2%	52.2	51.7	-0.5	-1.0%
23.5%	52.1	51.7	-0.4	-0.7%
24.7%	52.0	51.7	-0.3	-0.6%
25.9%	52.0	51.6	-0.3	-0.6%
27.2%	51.9	51.6	-0.3	-0.6%
28.4%	51.5	51.6	0.0	0.1%
29.6%	51.5	51.4	-0.1	-0.2%
30.9%	51.5	51.4	-0.1	-0.2%
32.1%	51.5	51.3	-0.3	-0.5%
33.3%	51.5	51.2	-0.3	-0.6%
34.6%	51.5	51.1	-0.4	-0.7%
35.8%	51.3	51.1	-0.3	-0.5%
37.0%	51.3	51.1	-0.3	-0.5%
38.3%	51.2	51.0	-0.2	-0.4%
39.5%	51.2	51.0	-0.2	-0.4%
40.7%	51.2	51.0	-0.2	-0.4%
42.0%	51.2	51.0	-0.2	-0.4%
43.2%	51.1	51.0	-0.2	-0.3%
44.4%	51.1	51.0	-0.2	-0.3%
45.7%	51.1	50.9	-0.2	-0.4%
46.9%	51.1	50.8	-0.3	-0.6%
48.1%	51.0	50.7	-0.3	-0.6%
49.4%	51.0	50.7	-0.3	-0.6%
50.6%	51.0	50.6	-0.4	-0.8%
51.9%	50.9	50.5	-0.4	-0.7%
53.1%	50.9	50.5	-0.4	-0.8%
54.3%	50.9	50.5	-0.4	-0.8%
55.6%	50.9	50.5	-0.4	-0.8%
56.8%	50.8	50.4	-0.3	-0.6%
58.0%	50.7	50.4	-0.3	-0.6%
59.3%	50.7	50.4	-0.3	-0.6%
60.5%	50.7	50.4	-0.3	-0.6%
61.7%	50.6	50.3	-0.4	-0.7%
63.0%	50.5	50.3	-0.2	-0.5%
64.2%	50.4	50.2	-0.3	-0.5%
65.4%	50.4	50.2	-0.3	-0.5%
66.7%	50.4	50.2	-0.3	-0.5%
67.9%	50.3	50.1	-0.2	-0.4%
69.1%	50.2	50.1	-0.1	-0.3%
70.4%	50.2	50.1	-0.1	-0.2%
71.6%	50.2	50.0	-0.1	-0.3%
72.8%	50.1	50.0	-0.1	-0.3%
74.1%	50.1	49.9	-0.1	-0.3%
75.3%	50.0	49.8	-0.2	-0.5%
76.5%	49.9	49.8	-0.1	-0.3%
77.8%	49.9	49.8	-0.1	-0.3%
79.0%	49.9	49.8	-0.1	-0.2%
80.2%	49.7	49.7	0.1	0.2%
81.5%	49.6	49.7	0.0	0.1%
82.7%	49.5	49.6	0.1	0.1%
84.0%	49.5	49.6	0.1	0.1%
85.2%	49.5	49.4	-0.1	-0.2%
86.4%	49.5	49.4	-0.1	-0.2%
87.7%	49.4	49.3	-0.1	-0.2%
88.9%	49.4	49.2	-0.2	-0.4%
90.1%	49.2	49.1	-0.2	-0.4%
91.4%	49.0	49.0	0.1	0.1%
92.6%	48.9	48.7	-0.2	-0.4%
93.8%	48.8	48.7	-0.1	-0.1%
95.1%	48.8	48.6	-0.1	-0.3%
96.3%	48.6	48.4	-0.2	-0.4%
97.5%	48.6	48.4	-0.2	-0.4%
98.8%	48.4	48.4	0.0	0.0%
100.0%	48.3	47.3	-1.0	-2.1%

December				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	49.6	49.9	0.3	0.6%
1.2%	48.1	48.8	0.8	1.6%
2.5%	48.1	48.6	0.6	1.2%
3.7%	48.0	48.5	0.4	0.9%
4.9%	48.0	48.4	0.4	0.8%
6.2%	48.0	48.2	0.2	0.4%
7.4%	47.8	48.0	0.1	0.3%
8.6%	47.8	47.9	0.1	0.2%
9.9%	47.7	47.9	0.1	0.2%
11.1%	47.7	47.8	0.1	0.3%
12.3%	47.6	47.7	0.1	0.2%
13.6%	47.6	47.7	0.0	0.1%
14.8%	47.3	47.6	0.2	0.5%
16.0%	47.3	47.5	0.2	0.4%
17.3%	47.2	47.3	0.1	0.3%
18.5%	47.2	47.2	0.0	0.0%
19.8%	47.1	47.1	0.0	0.0%
21.0%	47.1	47.1	0.0	0.0%
22.2%	47.1	47.0	0.0	-0.1%
23.5%	47.1	47.0	-0.1	-0.1%
24.7%	47.0	47.0	0.0	0.0%
25.9%	46.8	46.9	0.1	0.2%
27.2%	46.8	46.9	0.1	0.2%
28.4%	46.8	46.9	0.1	0.2%
29.6%	46.7	46.8	0.2	0.4%
30.9%	46.6	46.8	0.2	0.4%
32.1%	46.6	46.8	0.2	0.4%
33.3%	46.6	46.7	0.2	0.4%
34.6%	46.6	46.7	0.2	0.3%
35.8%	46.6	46.7	0.2	0.3%
37.0%	46.5	46.7	0.2	0.4%
38.3%	46.5	46.7	0.2	0.4%
39.5%	46.4	46.7	0.2	0.5%
40.7%	46.4	46.7	0.2	0.5%
42.0%	46.4	46.6	0.2	0.3%
43.2%	46.4	46.5	0.1	0.2%
44.4%	46.4	46.5	0.1	0.2%
45.7%	46.3	46.5	0.2	0.4%
46.9%	46.2	46.4	0.3	0.6%
48.1%	46.1	46.4	0.3	0.6%
49.4%	46.1	46.4	0.3	0.6%
50.6%	46.1	46.3	0.2	0.4%
51.9%	46.0	46.2	0.2	0.4%
53.1%	46.0	46.2	0.2	0.4%
54.3%	46.0	46.2	0.3	0.6%
55.6%	46.0	46.2	0.3	0.6%
56.8%	45.9	46.2	0.2	0.5%
58.0%	45.9	46.2	0.2	0.5%
59.3%	45.9	46.2	0.3	0.6%
60.5%	45.8	46.1	0.3	0.7%
61.7%	45.8	46.1	0.3	0.7%
63.0%	45.8	46.1	0.3	0.7%
64.2%	45.7	46.0	0.2	0.5%
65.4%	45.6	45.9	0.2	0.5%
66.7%	45.6	45.8	0.2	0.5%
67.9%	45.5	45.7	0.2	0.5%
69.1%	45.5	45.7	0.2	0.5%
70.4%	45.4	45.7	0.3	0.7%
71.6%	45.3	45.7	0.4	0.8%
72.8%	45.3	45.6	0.3	0.7%
74.1%	45.1	45.5	0.4	0.9%
75.3%	45.1	45.5	0.4	0.9%
76.5%	45.1	45.5	0.4	0.9%
77.8%	45.1	45.5	0.4	0.9%
79.0%	45.0	45.4	0.4	1.0%
80.2%	44.7	45.3	0.6	1.4%
81.5%	44.7	45.3	0.6	1.3%
82.7%	44.7	45.2	0.6	1.3%
84.0%	44.7	45.0	0.4	0.8%
85.2%	44.6	45.0	0.4	0.8%
86.4%	44.5	44.9	0.4	0.8%
87.7%	44.5	44.8	0.3	0.7%
88.9%	44.5	44.7	0.3	0.6%
90.1%	44.5	44.6	0.2	0.4%
91.4%	44.4	44.6	0.2	0.4%
92.6%	44.4	44.6	0.2	0.4%
93.8%	44.3	44.6	0.3	0.7%
95.1%	44.2	44.5	0.4	0.8%
96.3%	43.8	44.4	0.5	1.2%
97.5%	43.6	44.2	0.6	1.4%
98.8%	43.6	44.0	0.4	0.9%
100.0%	42.1	42.5	0.3	0.8%

January				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.4	47.7	0.3	0.7%
1.2%	46.6	46.8	0.1	0.3%
2.5%	46.3	46.7	0.4	0.8%
3.7%	46.1	46.3	0.2	0.5%
4.9%	45.9	46.3	0.4	0.8%
6.2%	45.8	46.1	0.3	0.7%
7.4%	45.8	46.1	0.3	0.6%
8.6%	45.8	46.0	0.2	0.4%
9.9%	45.7	46.0	0.3	0.7%
11.1%	45.7	45.9	0.2	0.4%
12.3%	45.6	45.8	0.2	0.4%
13.6%	45.6	45.8	0.2	0.4%
14.8%	45.6	45.6	0.1	0.1%
16.0%	45.5	45.6	0.1	0.2%
17.3%	45.4	45.5	0.1	0.3%
18.5%	45.4	45.5	0.1	0.3%
19.8%	45.3	45.5	0.2	0.5%
21.0%	45.3	45.5	0.2	0.5%
22.2%	45.2	45.5	0.3	0.6%
23.5%	45.2	45.4	0.2	0.5%
24.7%	45.2	45.4	0.2	0.5%
25.9%	45.2	45.4	0.2	0.5%
27.2%	45.2	45.4	0.2	0.5%
28.4%	45.1	45.4	0.2	0.5%
29.6%	45.1	45.4	0.2	0.5%
30.9%	45.1	45.3	0.2	0.5%
32.1%	45.1	45.3	0.2	0.5%
33.3%	45.1	45.2	0.2	0.4%
34.6%	45.0	45.1	0.1	0.2%
35.8%	45.0	45.1	0.1	0.1%
37.0%	45.0	45.0	0.1	0.2%
38.3%	44.9	45.0	0.1	0.2%
39.5%	44.9	45.0	0.1	0.3%
40.7%	44.7	45.0	0.3	0.7%
42.0%	44.7	45.0	0.3	0.6%
43.2%	44.6	45.0	0.3	0.7%
44.4%	44.6	44.9	0.3	0.7%
45.7%	44.5	44.8	0.3	0.7%
46.9%	44.5	44.8	0.3	0.7%
48.1%	44.5	44.8	0.3	0.7%
49.4%	44.5	44.7	0.3	0.6%
50.6%	44.5	44.7	0.2	0.5%
51.9%	44.5	44.7	0.2	0.5%
53.1%	44.4	44.7	0.2	0.5%
54.3%	44.4	44.6	0.3	0.6%
55.6%	44.4	44.6	0.3	0.6%
56.8%	44.3	44.6	0.3	0.7%
58.0%	44.3	44.6	0.3	0.8%
59.3%	44.2	44.6	0.4	0.8%
60.5%	44.2	44.6	0.4	0.8%
61.7%	44.2	44.6	0.4	0.8%
63.0%	44.2	44.5	0.3	0.7%
64.2%	44.2	44.5	0.3	0.7%
65.4%	44.1	44.4	0.3	0.6%
66.7%	44.1	44.4	0.3	0.6%
67.9%	44.1	44.4	0.2	0.5%
69.1%	44.1	44.3	0.2	0.4%
70.4%	44.0	44.2	0.2	0.4%
71.6%	44.0	44.2	0.2	0.5%
72.8%	44.0	44.2	0.3	0.6%
74.1%	43.8	44.2	0.4	1.0%
75.3%	43.8	44.2	0.4	0.9%
76.5%	43.7	43.9	0.1	0.3%
77.8%	43.7	43.8	0.1	0.2%
79.0%	43.7	43.8	0.0	0.1%
80.2%	43.5	43.7	0.2	0.5%
81.5%	43.5	43.7	0.1	0.3%
82.7%	43.4	43.6	0.2	0.5%
84.0%	43.4	43.6	0.2	0.5%
85.2%	43.4	43.5	0.1	0.3%
86.4%	43.3	43.4	0.1	0.2%
87.7%	43.2	43.4	0.2	0.4%
88.9%	43.2	43.4	0.2	0.6%
90.1%	43.2	43.4	0.2	0.6%
91.4%	43.1	43.4	0.2	0.6%
92.6%	43.1	43.3	0.2	0.5%
93.8%	43.1	43.3	0.2	0.5%
95.1%	43.0	43.1	0.2	0.4%
96.3%	42.7	42.7	0.1	0.1%
97.5%	42.6	42.7	0.1	0.2%
98.8%	42.6	42.7	0.1	0.3%
100.0%	41.9	42.7	0.8	2.0%

Table SQ-07-9b

Sacramento River below Red Bluff, Monthly Temperature
Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	48.7	48.9	0.1	0.3%
1.2%	48.6	48.7	0.0	0.1%
2.5%	48.3	48.4	0.1	0.3%
3.7%	48.2	48.3	0.0	0.1%
4.9%	48.2	48.2	0.0	0.0%
6.2%	48.1	48.2	0.1	0.2%
7.4%	48.0	48.1	0.0	0.1%
8.6%	47.9	47.8	-0.1	-0.2%
9.9%	47.8	47.8	-0.1	-0.2%
11.1%	47.7	47.7	0.0	0.1%
12.3%	47.5	47.7	0.2	0.3%
13.6%	47.5	47.7	0.2	0.4%
14.8%	47.4	47.6	0.2	0.4%
16.0%	47.3	47.4	0.0	0.1%
17.3%	47.3	47.4	0.1	0.1%
18.5%	47.3	47.3	0.0	0.1%
19.8%	47.3	47.3	0.0	0.1%
21.0%	47.3	47.3	0.0	0.0%
22.2%	47.1	47.1	0.0	0.1%
23.5%	47.0	47.1	0.1	0.2%
24.7%	46.9	46.9	0.0	0.1%
25.9%	46.9	46.9	0.0	0.1%
27.2%	46.9	46.8	-0.1	-0.1%
28.4%	46.8	46.8	0.0	0.0%
29.6%	46.8	46.8	0.0	0.1%
30.9%	46.8	46.8	0.0	0.0%
32.1%	46.8	46.8	0.0	0.0%
33.3%	46.8	46.8	0.0	-0.1%
34.6%	46.7	46.7	0.0	0.0%
35.8%	46.7	46.7	0.0	0.0%
37.0%	46.6	46.6	0.0	0.0%
38.3%	46.6	46.6	0.0	0.1%
39.5%	46.6	46.6	0.0	0.1%
40.7%	46.5	46.5	0.0	0.0%
42.0%	46.5	46.5	0.0	0.1%
43.2%	46.5	46.5	0.0	0.0%
44.4%	46.4	46.4	0.0	0.0%
45.7%	46.4	46.4	0.0	-0.1%
46.9%	46.4	46.4	0.0	0.0%
48.1%	46.4	46.4	0.0	0.0%
49.4%	46.2	46.3	0.1	0.1%
50.6%	46.2	46.2	0.0	0.0%
51.9%	46.2	46.2	0.0	0.1%
53.1%	46.1	46.2	0.1	0.1%
54.3%	46.1	46.2	0.0	0.0%
55.6%	46.1	46.1	0.1	0.2%
56.8%	46.0	46.1	0.0	0.1%
58.0%	46.0	46.1	0.0	0.1%
59.3%	46.0	46.1	0.1	0.1%
60.5%	46.0	46.1	0.1	0.1%
61.7%	46.0	46.0	0.1	0.1%
63.0%	45.9	46.0	0.1	0.1%
64.2%	45.8	46.0	0.1	0.3%
65.4%	45.8	45.9	0.1	0.2%
66.7%	45.8	45.8	0.0	0.0%
67.9%	45.8	45.8	0.0	-0.1%
69.1%	45.8	45.7	0.0	-0.1%
70.4%	45.7	45.7	0.0	0.0%
71.6%	45.6	45.6	0.1	0.2%
72.8%	45.5	45.5	0.0	0.0%
74.1%	45.4	45.5	0.0	0.1%
75.3%	45.4	45.5	0.0	0.1%
76.5%	45.4	45.4	0.0	0.0%
77.8%	45.4	45.3	0.0	-0.1%
79.0%	45.3	45.3	0.0	-0.1%
80.2%	45.2	45.2	0.0	0.0%
81.5%	45.2	45.2	0.0	0.1%
82.7%	45.0	45.1	0.1	0.2%
84.0%	45.0	45.0	0.0	0.0%
85.2%	44.9	45.0	0.1	0.3%
86.4%	44.8	44.9	0.0	0.1%
87.7%	44.8	44.8	0.0	0.1%
88.9%	44.7	44.8	0.1	0.2%
90.1%	44.7	44.7	0.0	-0.1%
91.4%	44.6	44.6	0.0	0.1%
92.6%	44.6	44.6	0.0	0.0%
93.8%	44.5	44.5	0.0	0.1%
95.1%	44.4	44.4	0.0	0.0%
96.3%	44.4	44.4	0.0	0.1%
97.5%	44.2	44.2	0.1	0.1%
98.8%	44.1	44.2	0.1	0.2%
100.0%	43.6	43.6	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.7	53.7	0.0	0.1%
1.2%	53.4	53.5	0.1	0.3%
2.5%	52.8	52.9	0.2	0.3%
3.7%	52.7	52.7	-0.1	-0.1%
4.9%	52.2	52.5	0.3	0.6%
6.2%	52.0	52.1	0.1	0.1%
7.4%	52.0	52.0	0.0	0.0%
8.6%	51.9	51.9	0.0	0.0%
9.9%	51.7	51.7	0.0	0.0%
11.1%	51.6	51.6	0.0	0.0%
12.3%	51.6	51.6	0.0	0.1%
13.6%	51.5	51.6	0.0	0.1%
14.8%	51.5	51.4	-0.1	-0.1%
16.0%	51.3	51.3	0.0	0.0%
17.3%	51.0	51.0	0.0	0.0%
18.5%	51.0	51.0	-0.1	-0.1%
19.8%	51.0	50.9	-0.1	-0.1%
21.0%	50.9	50.9	0.0	0.1%
22.2%	50.8	50.8	0.0	0.1%
23.5%	50.8	50.8	0.0	0.0%
24.7%	50.7	50.8	0.1	0.2%
25.9%	50.6	50.8	0.1	0.2%
27.2%	50.6	50.7	0.1	0.2%
28.4%	50.6	50.7	0.1	0.1%
29.6%	50.6	50.7	0.1	0.1%
30.9%	50.6	50.7	0.1	0.2%
32.1%	50.4	50.5	0.2	0.3%
33.3%	50.3	50.4	0.1	0.3%
34.6%	50.3	50.4	0.1	0.2%
35.8%	50.2	50.4	0.1	0.3%
37.0%	50.2	50.3	0.2	0.3%
38.3%	50.1	50.2	0.1	0.2%
39.5%	50.1	50.2	0.0	0.1%
40.7%	50.1	50.1	0.0	0.1%
42.0%	50.0	50.1	0.1	0.2%
43.2%	50.0	50.1	0.1	0.2%
44.4%	49.9	50.1	0.2	0.4%
45.7%	49.8	50.1	0.2	0.5%
46.9%	49.8	50.1	0.2	0.5%
48.1%	49.8	49.9	0.1	0.3%
49.4%	49.7	49.8	0.1	0.1%
50.6%	49.7	49.7	0.0	0.0%
51.9%	49.6	49.7	0.1	0.1%
53.1%	49.6	49.6	0.0	0.1%
54.3%	49.5	49.5	0.0	0.0%
55.6%	49.5	49.4	0.0	-0.1%
56.8%	49.4	49.3	-0.1	-0.2%
58.0%	49.4	49.3	-0.1	-0.1%
59.3%	49.3	49.3	0.0	0.0%
60.5%	49.3	49.3	0.0	0.1%
61.7%	49.1	49.3	0.1	0.3%
63.0%	49.1	49.2	0.0	0.1%
64.2%	49.1	49.1	0.1	0.1%
65.4%	49.0	49.1	0.0	0.1%
66.7%	49.0	49.0	0.0	0.0%
67.9%	49.0	49.0	0.0	0.0%
69.1%	49.0	49.0	0.0	0.0%
70.4%	48.9	48.9	0.0	0.1%
71.6%	48.8	48.9	0.0	0.1%
72.8%	48.6	48.7	0.0	0.1%
74.1%	48.6	48.6	0.0	0.0%
75.3%	48.5	48.6	0.1	0.1%
76.5%	48.4	48.6	0.2	0.4%
77.8%	48.3	48.5	0.1	0.2%
79.0%	48.3	48.4	0.1	0.2%
80.2%	48.1	48.2	0.1	0.2%
81.5%	48.1	48.1	0.1	0.2%
82.7%	48.0	48.1	0.1	0.1%
84.0%	48.0	48.0	0.0	0.0%
85.2%	47.9	47.9	0.0	-0.1%
86.4%	47.8	47.9	0.0	0.0%
87.7%	47.8	47.8	0.0	0.0%
88.9%	47.7	47.8	0.1	0.1%
90.1%	47.7	47.8	0.1	0.1%
91.4%	47.6	47.7	0.1	0.2%
92.6%	47.6	47.6	0.1	0.2%
93.8%	47.4	47.4	0.0	0.0%
95.1%	47.2	47.2	0.0	0.0%
96.3%	47.1	47.1	0.0	0.0%
97.5%	46.9	47.0	0.0	0.0%
98.8%	46.7	46.8	0.1	0.1%
100.0%	46.5	46.5	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	57.3	57.7	0.4	0.7%
1.2%	56.6	57.3	0.7	1.3%
2.5%	56.2	56.5	0.4	0.7%
3.7%	56.0	56.5	0.5	0.8%
4.9%	55.9	56.2	0.3	0.6%
6.2%	55.7	56.2	0.5	0.9%
7.4%	55.6	56.1	0.5	0.9%
8.6%	55.5	56.0	0.5	0.9%
9.9%	55.3	55.9	0.6	1.1%
11.1%	55.3	55.8	0.6	1.0%
12.3%	55.2	55.7	0.4	0.8%
13.6%	55.1	55.7	0.6	1.1%
14.8%	55.1	55.6	0.6	1.1%
16.0%	55.0	55.6	0.6	1.1%
17.3%	54.7	55.5	0.8	1.5%
18.5%	54.7	55.3	0.6	1.1%
19.8%	54.6	55.2	0.6	1.1%
21.0%	54.6	55.2	0.6	1.1%
22.2%	54.6	55.0	0.4	0.8%
23.5%	54.5	55.0	0.5	0.8%
24.7%	54.5	55.0	0.4	0.8%
25.9%	54.5	54.9	0.4	0.7%
27.2%	54.5	54.9	0.4	0.7%
28.4%	54.4	54.8	0.3	0.6%
29.6%	54.4	54.7	0.3	0.6%
30.9%	54.4	54.7	0.3	0.5%
32.1%	54.2	54.7	0.4	0.8%
33.3%	54.2	54.6	0.4	0.7%
34.6%	54.1	54.6	0.5	0.9%
35.8%	54.1	54.5	0.4	0.8%
37.0%	54.1	54.5	0.5	0.8%
38.3%	54.0	54.5	0.5	0.9%
39.5%	53.9	54.4	0.5	0.9%
40.7%	53.9	54.3	0.5	0.9%
42.0%	53.9	54.3	0.5	0.9%
43.2%	53.8	54.3	0.5	1.0%
44.4%	53.7	54.1	0.4	0.8%
45.7%	53.7	54.1	0.4	0.7%
46.9%	53.7	54.0	0.4	0.7%
48.1%	53.6	53.9	0.4	0.7%
49.4%	53.6	53.9	0.4	0.7%
50.6%	53.5	53.9	0.4	0.7%
51.9%	53.5	53.9	0.4	0.7%
53.1%	53.5	53.8	0.4	0.7%
54.3%	53.4	53.8	0.3	0.6%
55.6%	53.4	53.7	0.4	0.7%
56.8%	53.3	53.7	0.4	0.8%
58.0%	53.2	53.7	0.5	0.9%
59.3%	53.1	53.7	0.6	1.1%
60.5%	53.1	53.5	0.5	0.9%
61.7%	53.0	53.5	0.4	0.8%
63.0%	53.0	53.4	0.5	0.9%
64.2%	52.9	53.4	0.5	1.0%
65.4%	52.9	53.4	0.5	1.0%
66.7%	52.8	53.4	0.6	1.1%
67.9%	52.8	53.3	0.5	1.0%
69.1%	52.8	53.2	0.5	0.9%
70.4%	52.8	53.1	0.3	0.6%
71.6%	52.7	52.9	0.3	0.5%
72.8%	52.5	52.9	0.4	0.7%
74.1%	52.3	52.9	0.5	1.0%
75.3%	52.3	52.8	0.6	1.1%
76.5%	52.2	52.7	0.5	1.0%
77.8%	52.2	52.7	0.5	1.0%
79.0%	52.2	52.7	0.5	0.9%
80.2%	51.9	52.2	0.3	0.6%
81.5%	51.8	52.2	0.4	0.8%
82.7%	51.7	52.1	0.3	0.7%
84.0%	51.6	52.0	0.5	0.9%
85.2%	51.5	51.9	0.5	0.9%
86.4%	51.3	51.8	0.5	0.9%
87.7%	51.3	51.8	0.5	1.0%
88.9%	51.2	51.7	0.5	0.9%
90.1%	51.1	51.5	0.4	0.8%
91.4%	51.0	51.4	0.4	0.8%
92.6%	51.0	51.4	0.4	0.8%
93.8%	50.9	51.2	0.3	0.5%
95.1%	50.9	51.0	0.1	0.1%
96.3%	50.8	50.9	0.1	0.2%
97.5%	50.4	50.4	0.0	-0.1%
98.8%	49.9	49.8	-0.1	-0.2%
100.0%	48.5	48.5	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.1	59.7	-0.4	-0.7%
1.2%	60.1	59.5	-0.6	-0.9%
2.5%	59.7	59.2	-0.5	-0.8%
3.7%	59.6	59.2	-0.4	-0.7%
4.9%	59.4	59.0	-0.4	-0.6%
6.2%	59.2	59.0	-0.3	-0.5%
7.4%	58.8	58.4	-0.4	-0.6%
8.6%	58.7	58.3	-0.4	-0.7%
9.9%	58.4	58.2	-0.2	-0.3%
11.1%	58.4	58.2	-0.2	-0.3%
12.3%	58.3	58.2	-0.1	-0.2%
13.6%	58.1	58.1	0.0	0.0%
14.8%	58.1	58.0	-0.1	-0.1%
16.0%	57.9	58.0	0.1	0.1%
17.3%	57.8	57.9	0.0	0.1%
18.5%	57.8	57.8	0.0	0.1%
19.8%	57.8	57.8	0.0	0.0%
21.0%	57.7	57.5	-0.2	-0.3%
22.2%	57.7	57.5	-0.2	-0.4%
23.5%	57.7	57.5	-0.2	-0.4%
24.7%	57.6	57.4	-0.3	-0.5%
25.9%	57.6	57.3	-0.3	-0.5%
27.2%	57.5	57.3	-0.3	-0.4%
28.4%	57.5	57.3	-0.3	-0.5%
29.6%	57.5	57.2	-0.3	-0.5%
30.9%	57.3	57.2	-0.1	-0.2%
32.1%	57.2	57.1	0.0	-0.1%
33.3%	57.1	57.0	-0.1	-0.2%
34.6%	57.1	57.0	-0.1	-0.1%
35.8%	56.9	57.0	0.1	0.2%
37.0%	56.9	57.0	0.1	0.1%
38.3%	56.9	57.0	0.1	0.2%
39.5%	56.8	57.0	0.1	0.3%
40.7%	56.8	56.9	0.1	0.1%
42.0%	56.7	56.9	0.1	0.2%
43.2%	56.7	56.8	0.1	0.2%
44.4%	56.7	56.8	0.1	0.2%
45.7%	56.6	56.7	0.1	0.2%
46.9%	56.5	56.7	0.2	0.3%
48.1%	56.4	56.7	0.2	0.4%
49.4%	56.4	56.6	0.2	0.4%
50.6%	56.3	56.6	0.2	0.4%
51.9%	56.3	56.5	0.2	0.4%
53.1%	56.2	56.4	0.2	0.4%
54.3%	56.2	56.4	0.2	0.4%
55.6%	56.2	56.2	0.0	0.1%
56.8%	56.1	56.2	0.1	0.2%
58.0%	56.0	56.1	0.1	0.2%
59.3%	56.0	56.1	0.1	0.2%
60.5%	56.0	56.1	0.1	0.3%
61.7%	55.9	56.1	0.1	0.2%
63.0%	55.9	56.1	0.1	0.3%
64.2%	55.9	56.0	0.2	0.3%
65.4%	55.9	56.0	0.1	0.3%
66.7%	55.9	56.0	0.1	0.3%
67.9%	55.6	56.0	0.4	0.7%
69.1%	55.6	56.0	0.4	0.8%
70.4%	55.6	55.9	0.4	0.7%
71.6%	55.5	55.8	0.3	0.6%
72.8%	55.4	55.8	0.4	0.7%
74.1%	55.2	55.7	0.5	1.0%
75.3%	55.1	55.6	0.5	0.9%
76.5%	55.0	55.6	0.5	0.9%
77.8%	55.0	55.6	0.5	0.9%
79.0%	55.0	55.6	0.5	0.9%
80.2%	55.0	55.5	0.5	1.0%
81.5%	55.0	55.4	0.4	0.7%
82.7%	55.0	55.2	0.2	0.4%
84.0%	54.9	55.2	0.3	0.5%
85.2%	54.9	55.2	0.3	0.5%
86.4%	54.8	55.1	0.3	0.5%
87.7%	54.8	55.0	0.2	0.3%
88.9%	54.8	54.9	0.1	0.1%
90.1%	54.7	54.7	0.0	0.1%
91.4%	54.5	54.5	0.0	0.1%
92.6%	54.4	54.3	-0.1	-0.2%
93.8%	54.2	54.2	0.0	0.0%
95.1%	53.8	53.9	0.1	0.1%
96.3%	53.8	53.7	-0.1	-0.2%
97.5%	53.8	53.7	-0.1	-0.2%
98.8%	53.7	53.6	0.0	0.0%
100.0%	52.6	52.5	-0.1	-0.2%

Table SQ-07-9b

Sacramento River below Red Bluff, Monthly Temperature

Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	61.1	60.8	-0.3	-0.5%
1.2%	61.0	60.2	-0.9	-1.5%
2.5%	59.9	60.0	0.1	0.1%
3.7%	59.5	59.5	0.0	0.0%
4.9%	59.4	59.4	0.0	0.0%
6.2%	59.1	59.3	0.1	0.2%
7.4%	59.0	59.1	0.1	0.2%
8.6%	58.9	59.1	0.2	0.3%
9.9%	58.8	58.9	0.1	0.2%
11.1%	58.6	58.9	0.4	0.6%
12.3%	58.5	58.7	0.2	0.4%
13.6%	58.3	58.6	0.3	0.5%
14.8%	58.2	58.4	0.2	0.3%
16.0%	58.2	58.2	0.1	0.1%
17.3%	58.0	58.2	0.2	0.4%
18.5%	57.9	58.1	0.1	0.2%
19.8%	57.9	57.9	0.0	0.0%
21.0%	57.9	57.9	0.0	0.0%
22.2%	57.7	57.8	0.0	0.0%
23.5%	57.7	57.6	-0.1	-0.1%
24.7%	57.6	57.6	0.0	0.1%
25.9%	57.5	57.6	0.1	0.1%
27.2%	57.5	57.6	0.0	0.1%
28.4%	57.5	57.6	0.1	0.1%
29.6%	57.5	57.5	0.0	0.0%
30.9%	57.5	57.5	0.0	0.0%
32.1%	57.5	57.5	0.0	0.0%
33.3%	57.4	57.4	0.1	0.1%
34.6%	57.3	57.4	0.1	0.2%
35.8%	57.3	57.4	0.0	0.1%
37.0%	57.3	57.3	0.1	0.2%
38.3%	57.3	57.3	0.0	0.0%
39.5%	57.2	57.3	0.0	0.1%
40.7%	57.2	57.2	0.1	0.1%
42.0%	57.1	57.2	0.1	0.2%
43.2%	57.0	57.2	0.2	0.3%
44.4%	57.0	57.2	0.2	0.3%
45.7%	57.0	57.1	0.2	0.3%
46.9%	57.0	57.1	0.1	0.2%
48.1%	56.9	57.1	0.2	0.3%
49.4%	56.9	57.1	0.2	0.3%
50.6%	56.9	57.1	0.2	0.3%
51.9%	56.9	57.1	0.2	0.4%
53.1%	56.8	57.0	0.2	0.4%
54.3%	56.8	57.0	0.2	0.4%
55.6%	56.8	57.0	0.2	0.3%
56.8%	56.6	57.0	0.3	0.6%
58.0%	56.6	56.9	0.3	0.6%
59.3%	56.6	56.9	0.3	0.5%
60.5%	56.6	56.9	0.3	0.5%
61.7%	56.6	56.8	0.3	0.5%
63.0%	56.6	56.8	0.3	0.4%
64.2%	56.5	56.8	0.2	0.4%
65.4%	56.5	56.8	0.2	0.4%
66.7%	56.5	56.7	0.1	0.2%
67.9%	56.4	56.7	0.2	0.4%
69.1%	56.4	56.7	0.3	0.5%
70.4%	56.3	56.6	0.3	0.5%
71.6%	56.3	56.6	0.3	0.5%
72.8%	56.2	56.6	0.4	0.7%
74.1%	56.2	56.6	0.4	0.7%
75.3%	56.2	56.5	0.3	0.6%
76.5%	56.1	56.5	0.3	0.6%
77.8%	56.1	56.3	0.2	0.3%
79.0%	56.1	56.3	0.2	0.3%
80.2%	56.1	56.3	0.2	0.3%
81.5%	56.1	56.2	0.1	0.2%
82.7%	56.1	56.2	0.1	0.2%
84.0%	56.1	56.2	0.2	0.3%
85.2%	56.0	56.1	0.1	0.2%
86.4%	56.0	56.1	0.1	0.1%
87.7%	56.0	56.1	0.1	0.2%
88.9%	56.0	56.1	0.1	0.1%
90.1%	55.9	56.0	0.1	0.2%
91.4%	55.8	55.9	0.2	0.3%
92.6%	55.6	55.9	0.3	0.6%
93.8%	55.6	55.9	0.3	0.6%
95.1%	55.3	55.8	0.5	0.9%
96.3%	55.0	55.4	0.4	0.7%
97.5%	55.0	55.2	0.3	0.5%
98.8%	54.9	55.0	0.1	0.2%
100.0%	54.8	54.9	0.1	0.2%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	63.6	61.8	-1.8	-2.8%
1.2%	62.4	61.7	-0.7	-1.2%
2.5%	61.8	61.4	-0.4	-0.6%
3.7%	61.4	61.3	-0.1	-0.1%
4.9%	61.3	60.8	-0.5	-0.8%
6.2%	61.2	60.6	-0.5	-0.9%
7.4%	61.0	60.6	-0.4	-0.7%
8.6%	60.9	60.5	-0.3	-0.5%
9.9%	60.2	60.5	0.3	0.4%
11.1%	60.1	60.2	0.1	0.2%
12.3%	60.0	59.8	-0.2	-0.4%
13.6%	59.7	59.7	-0.1	-0.2%
14.8%	59.6	59.6	0.0	0.1%
16.0%	59.4	59.6	0.2	0.3%
17.3%	59.4	59.1	-0.3	-0.4%
18.5%	59.2	59.1	-0.2	-0.3%
19.8%	59.0	59.0	0.0	0.1%
21.0%	59.0	59.0	0.0	0.1%
22.2%	58.9	59.0	0.1	0.2%
23.5%	58.9	58.9	0.0	0.1%
24.7%	58.7	58.9	0.2	0.4%
25.9%	58.6	58.9	0.3	0.5%
27.2%	58.5	58.8	0.2	0.4%
28.4%	58.5	58.7	0.1	0.2%
29.6%	58.5	58.5	0.0	0.0%
30.9%	58.5	58.5	-0.1	-0.1%
32.1%	58.5	58.4	-0.1	-0.1%
33.3%	58.4	58.4	0.0	-0.1%
34.6%	58.3	58.2	-0.1	-0.1%
35.8%	58.2	58.2	0.0	0.0%
37.0%	58.1	58.2	0.1	0.1%
38.3%	58.1	58.1	0.0	0.0%
39.5%	58.1	58.1	0.0	0.1%
40.7%	58.0	58.1	0.1	0.1%
42.0%	58.0	58.1	0.1	0.2%
43.2%	58.0	58.1	0.1	0.2%
44.4%	57.9	58.1	0.1	0.2%
45.7%	57.9	57.9	0.1	0.1%
46.9%	57.7	57.8	0.1	0.2%
48.1%	57.7	57.8	0.1	0.2%
49.4%	57.5	57.8	0.3	0.5%
50.6%	57.5	57.6	0.1	0.2%
51.9%	57.4	57.6	0.2	0.4%
53.1%	57.4	57.5	0.2	0.3%
54.3%	57.2	57.5	0.3	0.5%
55.6%	57.2	57.5	0.3	0.5%
56.8%	57.2	57.4	0.3	0.5%
58.0%	57.1	57.4	0.3	0.6%
59.3%	57.1	57.4	0.3	0.6%
60.5%	57.1	57.4	0.3	0.5%
61.7%	57.0	57.3	0.2	0.4%
63.0%	57.0	57.3	0.2	0.4%
64.2%	57.0	57.2	0.2	0.3%
65.4%	57.0	57.2	0.2	0.4%
66.7%	56.9	57.2	0.3	0.4%
67.9%	56.9	57.2	0.3	0.5%
69.1%	56.8	57.1	0.3	0.6%
70.4%	56.8	57.1	0.3	0.5%
71.6%	56.8	57.1	0.3	0.5%
72.8%	56.8	57.0	0.3	0.5%
74.1%	56.7	57.0	0.3	0.5%
75.3%	56.7	57.0	0.3	0.5%
76.5%	56.7	57.0	0.3	0.5%
77.8%	56.7	56.8	0.2	0.3%
79.0%	56.7	56.8	0.2	0.3%
80.2%	56.7	56.8	0.2	0.3%
81.5%	56.6	56.8	0.2	0.3%
82.7%	56.6	56.8	0.2	0.3%
84.0%	56.6	56.7	0.2	0.3%
85.2%	56.5	56.7	0.2	0.3%
86.4%	56.4	56.6	0.2	0.4%
87.7%	56.4	56.4	0.0	0.0%
88.9%	56.3	56.4	0.1	0.1%
90.1%	56.3	56.3	0.1	0.1%
91.4%	56.1	56.2	0.1	0.2%
92.6%	56.1	56.1	0.1	0.1%
93.8%	55.9	56.1	0.2	0.4%
95.1%	55.8	56.0	0.1	0.2%
96.3%	55.8	55.8	0.0	0.0%
97.5%	55.8	55.7	-0.1	-0.2%
98.8%	55.7	55.6	-0.1	-0.2%
100.0%	55.6	55.6	0.0	0.0%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.6	65.7	-1.9	-2.8%
1.2%	67.3	61.5	-5.8	-8.6%
2.5%	66.3	61.1	-5.2	-7.9%
3.7%	65.0	60.8	-4.2	-6.5%
4.9%	62.6	60.8	-1.9	-3.0%
6.2%	62.4	60.3	-2.1	-3.3%
7.4%	61.9	60.1	-1.8	-2.9%
8.6%	61.0	60.1	-0.9	-1.5%
9.9%	60.7	60.1	-0.6	-0.9%
11.1%	60.5	59.9	-0.5	-0.9%
12.3%	60.4	59.8	-0.6	-1.1%
13.6%	60.3	59.7	-0.6	-1.0%
14.8%	60.1	59.6	-0.5	-0.8%
16.0%	60.0	59.6	-0.5	-0.8%
17.3%	59.8	59.6	-0.2	-0.4%
18.5%	59.7	59.4	-0.2	-0.4%
19.8%	59.6	59.3	-0.3	-0.6%
21.0%	59.5	59.2	-0.3	-0.5%
22.2%	59.3	59.2	-0.1	-0.2%
23.5%	59.3	59.1	-0.2	-0.3%
24.7%	59.2	59.1	-0.2	-0.3%
25.9%	59.2	59.1	-0.1	-0.3%
27.2%	59.1	59.0	-0.1	-0.2%
28.4%	59.1	59.0	-0.2	-0.3%
29.6%	58.9	58.8	-0.1	-0.1%
30.9%	58.8	58.8	-0.1	-0.1%
32.1%	58.8	58.8	-0.1	-0.1%
33.3%	58.8	58.7	-0.1	-0.2%
34.6%	58.7	58.7	0.0	0.0%
35.8%	58.7	58.7	0.0	0.0%
37.0%	58.6	58.6	0.0	0.0%
38.3%	58.6	58.6	0.0	0.0%
39.5%	58.6	58.5	-0.1	-0.1%
40.7%	58.6	58.5	-0.1	-0.1%
42.0%	58.4	58.5	0.1	0.2%
43.2%	58.4	58.5	0.1	0.2%
44.4%	58.3	58.4	0.1	0.2%
45.7%	58.3	58.4	0.1	0.2%
46.9%	58.3	58.4	0.1	0.2%
48.1%	58.3	58.4	0.1	0.2%
49.4%	58.3	58.4	0.1	0.2%
50.6%	58.3	58.4	0.1	0.2%
51.9%	58.3	58.3	0.1	0.2%
53.1%	58.2	58.3	0.1	0.2%
54.3%	58.2	58.3	0.1	0.2%
55.6%	58.1	58.3	0.2	0.3%
56.8%	58.1	58.2	0.1	0.2%
58.0%	58.1	58.2	0.1	0.1%
59.3%	58.0	58.1	0.2	0.3%
60.5%	58.0	58.1	0.2	0.3%
61.7%	58.0	58.1	0.2	0.3%
63.0%	57.9	58.1	0.2	0.3%
64.2%	57.9	58.1	0.2	0.3%
65.4%	57.9	58.1	0.2	0.3%
66.7%	57.9	58.1	0.2	0.3%
67.9%	57.9	57.9	0.0	0.1%
69.1%	57.9	57.9	0.0	0.1%
70.4%	57.8	57.9	0.1	0.1%
71.6%	57.8	57.8	0.0	0.0%
72.8%	57.7	57.8	0.1	0.2%
74.1%	57.7	57.7	0.0	0.0%
75.3%	57.7	57.7	0.0	0.0%
76.5%	57.7	57.6	0.0	-0.1%
77.8%	57.6	57.6	0.0	-0.1%
79.0%	57.5	57.6	0.0	0.0%
80.2%	57.5	57.5	0.0	0.1%
81.5%	57.4	57.5	0.0	0.1%
82.7%	57.4	57.5	0.1	0.1%
84.0%	57.4	57.4	0.0	0.1%
85.2%	57.3	57.4	0.1	0.2%
86.4%	57.3	57.3	0.0	0.1%
87.7%	57.3	57.2	0.0	-0.1%
88.9%	57.3	57.1	-0.2	-0.3%
90.1%	57.0	57.1	0.1	0.2%
91.4%	56.9	57.0	0.1	0.2%
92.6%	56.8	56.9	0.1	0.2%
93.8%	56.6	56.9	0.3	0.5%
95.1%	56.6	56.9	0.4	0.6%
96.3%	56.3	56.9	0.6	1.0%
97.5%	56.3	56.7	0.4	0.8%
98.8%	56.0	56.4	0.3	0.6%
100.0%	55.9	56.1	0.2	0.4%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.0	66.0	-1.0	-1.5%
1.2%	65.6	65.0	-0.7	-1.0%
2.5%	65.6	63.8	-1.7	-2.6%
3.7%	65.2	63.1	-2.1	-3.2%
4.9%	64.9	62.7	-2.2	-3.5%
6.2%	64.9	62.7	-2.2	-3.4%
7.4%	64.4	62.5	-2.0	-3.1%
8.6%	63.8	62.1	-1.7	-2.6%
9.9%	62.4	61.7	-0.8	-1.2%
11.1%	61.6	61.5	-0.1	-0.2%
12.3%	61.6	61.1	-0.5	-0.8%
13.6%	61.5	61.0	-0.5	-0.8%
14.8%	61.4	60.7	-0.7	-1.1%
16.0%	61.2	60.5	-0.7	-1.2%
17.3%	60.8	60.2	-0.6	-1.0%
18.5%	60.7	60.0	-0.7	-1.2%
19.8%	60.6	59.9	-0.7	-1.2%
21.0%	60.6	59.7	-0.9	-1.4%
22.2%	60.2	59.6	-0.6	-1.1%
23.5%	60.2	59.6	-0.7	-1.1%
24.7%	60.0	59.5	-0.5	-0.9%
25.9%	60.0	59.4	-0.6	-1.0%
27.2%	59.6	59.3	-0.2	-0.4%
28.4%	59.5	59.3	-0.1	-0.2%
29.6%	59.4	59.3	-0.2	-0.3%
30.9%	59.4	59.1	-0.3	-0.5%
32.1%	59.4	58.9	-0.5	-0.8%
33.3%	59.4	58.9	-0.5	-0.8%
34.6%	59.3	58.9	-0.5	-0.8%
35.8%	59.3	58.9	-0.4	-0.7%
37.0%	59.3	58.7	-0.5	-0.9%
38.3%	59.2	58.7	-0.5	-0.9%
39.5%	59.1	58.6	-0.4	-0.7%
40.7%	59.0	58.5	-0.5	-0.9%
42.0%	59.0	58.4	-0.7	-1.1%
43.2%	59.0	58.4	-0.7	-1.1%
44.4%	59.0	58.3	-0.7	-1.2%
45.7%	58.8	58.3	-0.5	-0.9%
46.9%	58.7	58.1	-0.6	-1.0%
48.1%	58.7	58.1	-0.6	-1.0%
49.4%	58.5	58.1	-0.4	-0.8%
50.6%	58.5	58.1	-0.4	-0.8%
51.9%	58.4	58.0	-0.4	-0.6%
53.1%	58.4	58.0	-0.3	-0.6%
54.3%	58.3	58.0	-0.3	-0.5%
55.6%	58.3	57.9	-0.3	-0.6%
56.8%	58.2	57.9	-0.3	-0.5%
58.0%	58.2	57.8	-0.4	-0.7%
59.3%	58.1	57.8	-0.3	-0.5%
60.5%	58.1	57.7	-0.4	-0.6%
61.7%	58.0	57.7	-0.3	-0.5%
63.0%	57.7	57.7	-0.1	-0.1%
64.2%	57.7	57.6	-0.1	-0.1%
65.4%	57.7	57.6	-0.1	-0.2%
66.7%	57.7	57.5	-0.1	-0.3%
67.9%	57.6	57.5	-0.1	-0.2%
69.1%	57.5	57.5	0.0	0.0%
70.4%	57.0	57.2	0.2	0.3%
71.6%	57.0	57.2	0.2	0.4%
72.8%	56.9	57.1	0.1	0.3%
74.1%	56.9	57.0	0.1	0.2%
75.3%	56.8	56.9	0.0	0.1%
76.5%	56.8	56.8	0.0	0.0%
77.8%	56.8	56.8	0.0	0.0%
79.0%	56.8	56.8	0.0	0.0%
80.2%	56.8	56.8	0.0	0.0%
81.5%	56.7	56.6	-0.1	-0.2%
82.7%	56.7	56.5	-0.2	-0.3%
84.0%	56.6	56.5	-0.1	-0.2%
85.2%	56.6	56.5	-0.1	-0.1%
86.4%	56.5	56.3	-0.2	-0.4%
87.7%	56.3	56.2	0.0	0.0%
88.9%	56.2	56.2	0.0	-0.1%
90.1%	56.2	56.1	-0.1	-0.2%
91.4%	56.2	56.1	-0.1	-0.2%
92.6%	56.1	56.0	-0.1	-0.3%
93.8%	56.1	55.4	-0.6	-1.2%
95.1%	56.0	55.4	-0.6	-1.1%
96.3%	55.9	55.1	-0.8	-1.5%
97.5%	55.6	54.8	-0.8	-1.4%
98.8%	54.5	54.5	0.0	0.0%
100.0%	54.3	54.3	0.0	0.0%

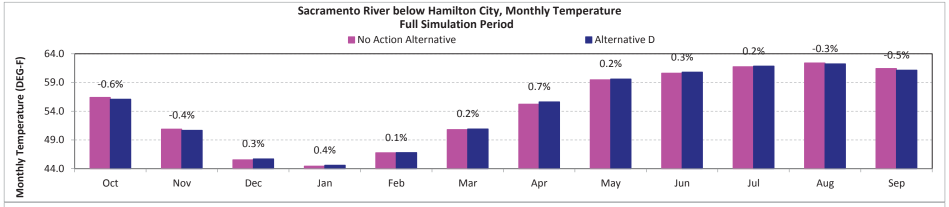
Table SQ-08-9a
Sacramento River below Hamilton City, Monthly Temperature
Long-term Average and Average by Water Year Type

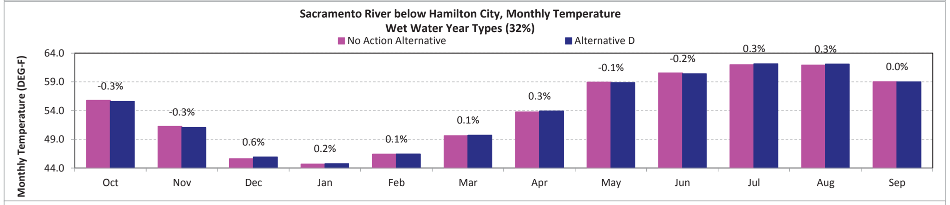
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	56.4	50.9	45.5	44.4	46.8	50.8	55.2	59.5	60.6	61.7	62.4	61.4
Alternative D	56.1	50.7	45.7	44.6	46.8	50.9	55.6	59.6	60.8	61.8	62.2	61.1
Difference	-0.3	-0.2	0.2	0.2	0.0	0.1	0.4	0.1	0.2	0.1	-0.2	-0.3
Percent Difference[3]	-0.6%	-0.4%	0.3%	0.4%	0.1%	0.2%	0.7%	0.2%	0.3%	0.2%	-0.3%	-0.5%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	55.8	51.2	45.6	44.7	46.4	49.6	53.8	59.0	60.6	62.0	61.9	59.0
Alternative D	55.6	51.1	45.9	44.8	46.4	49.7	53.9	58.9	60.4	62.2	62.1	59.0
Difference	-0.2	-0.2	0.3	0.1	0.0	0.1	0.2	-0.1	-0.1	0.2	0.2	0.0
Percent Difference	-0.3%	-0.3%	0.6%	0.2%	0.1%	0.1%	0.3%	-0.1%	-0.2%	0.3%	0.3%	0.0%
Above Normal (15%)												
No Action Alternative	55.7	50.5	45.9	44.8	46.8	50.8	55.4	60.2	60.3	60.8	62.0	60.7
Alternative D	55.5	50.5	46.2	44.9	46.8	50.9	55.8	60.1	60.6	60.9	62.3	60.7
Difference	-0.2	-0.1	0.3	0.1	0.0	0.1	0.3	-0.2	0.3	0.1	0.2	0.0
Percent Difference	-0.4%	-0.2%	0.6%	0.3%	0.1%	0.2%	0.6%	-0.3%	0.5%	0.1%	0.4%	-0.1%
Below Normal (17%)												
No Action Alternative	55.5	50.5	45.8	44.2	46.3	50.8	55.9	59.7	60.2	61.2	61.7	61.9
Alternative D	55.2	50.3	45.8	44.3	46.3	50.9	56.5	60.0	60.5	61.2	61.8	61.6
Difference	-0.3	-0.1	0.1	0.1	0.0	0.1	0.6	0.3	0.2	0.0	0.1	-0.3
Percent Difference	-0.6%	-0.3%	0.1%	0.3%	0.1%	0.2%	1.0%	0.5%	0.4%	0.1%	0.2%	-0.5%
Dry (22%)												
No Action Alternative	56.7	51.0	45.5	44.1	46.9	51.6	56.2	59.3	60.7	61.2	62.1	62.7
Alternative D	56.3	50.7	45.5	44.4	46.9	51.7	56.7	59.5	61.3	61.5	62.0	62.3
Difference	-0.4	-0.3	0.0	0.3	0.0	0.1	0.5	0.2	0.6	0.3	-0.2	-0.4
Percent Difference	-0.7%	-0.6%	0.0%	0.6%	0.0%	0.2%	0.8%	0.4%	1.0%	0.6%	-0.2%	-0.6%
Critical (15%)												
No Action Alternative	59.0	50.6	44.8	44.3	47.8	52.2	55.8	59.8	61.4	63.7	65.1	64.8
Alternative D	58.5	50.3	44.9	44.5	47.9	52.3	56.6	60.5	61.5	63.4	63.4	63.9
Difference	-0.6	-0.3	0.1	0.2	0.1	0.1	0.8	0.7	0.1	-0.3	-1.6	-0.9
Percent Difference	-1.0%	-0.5%	0.2%	0.4%	0.2%	0.2%	1.4%	1.1%	0.2%	-0.4%	-2.5%	-1.4%

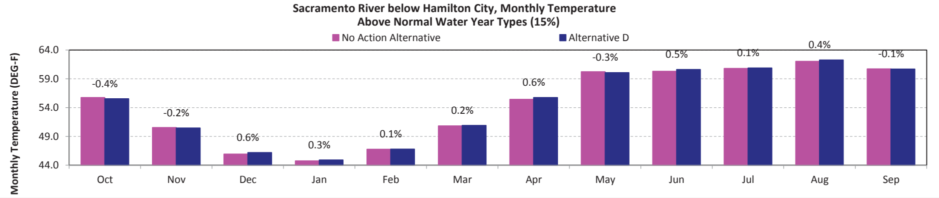
1 Based on the 82-year simulation period

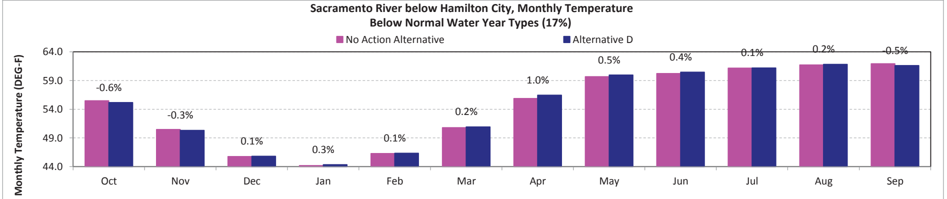
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

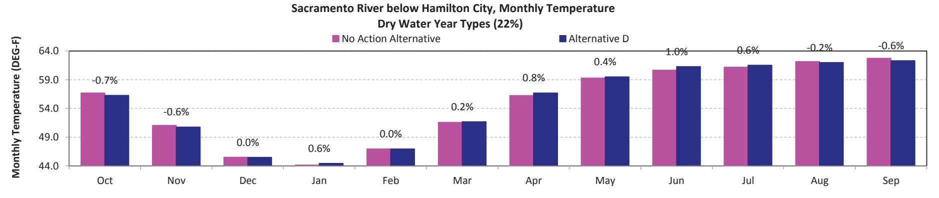
3 Relative difference of the monthly average


Sacramento River below Hamilton City, Monthly Temperature
Full Simulation Period


Sacramento River below Hamilton City, Monthly Temperature
Wet Water Year Types (32%)


Sacramento River below Hamilton City, Monthly Temperature
Above Normal Water Year Types (15%)


Sacramento River below Hamilton City, Monthly Temperature
Below Normal Water Year Types (17%)


Sacramento River below Hamilton City, Monthly Temperature
Dry Water Year Types (22%)

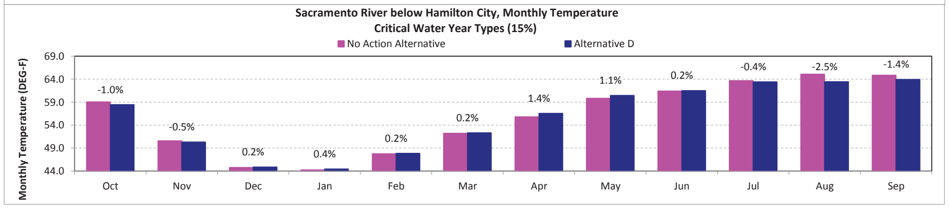

Sacramento River below Hamilton City, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-08-9b
Sacramento River below Hamilton City, Monthly Temperature
Probability of Exceedance

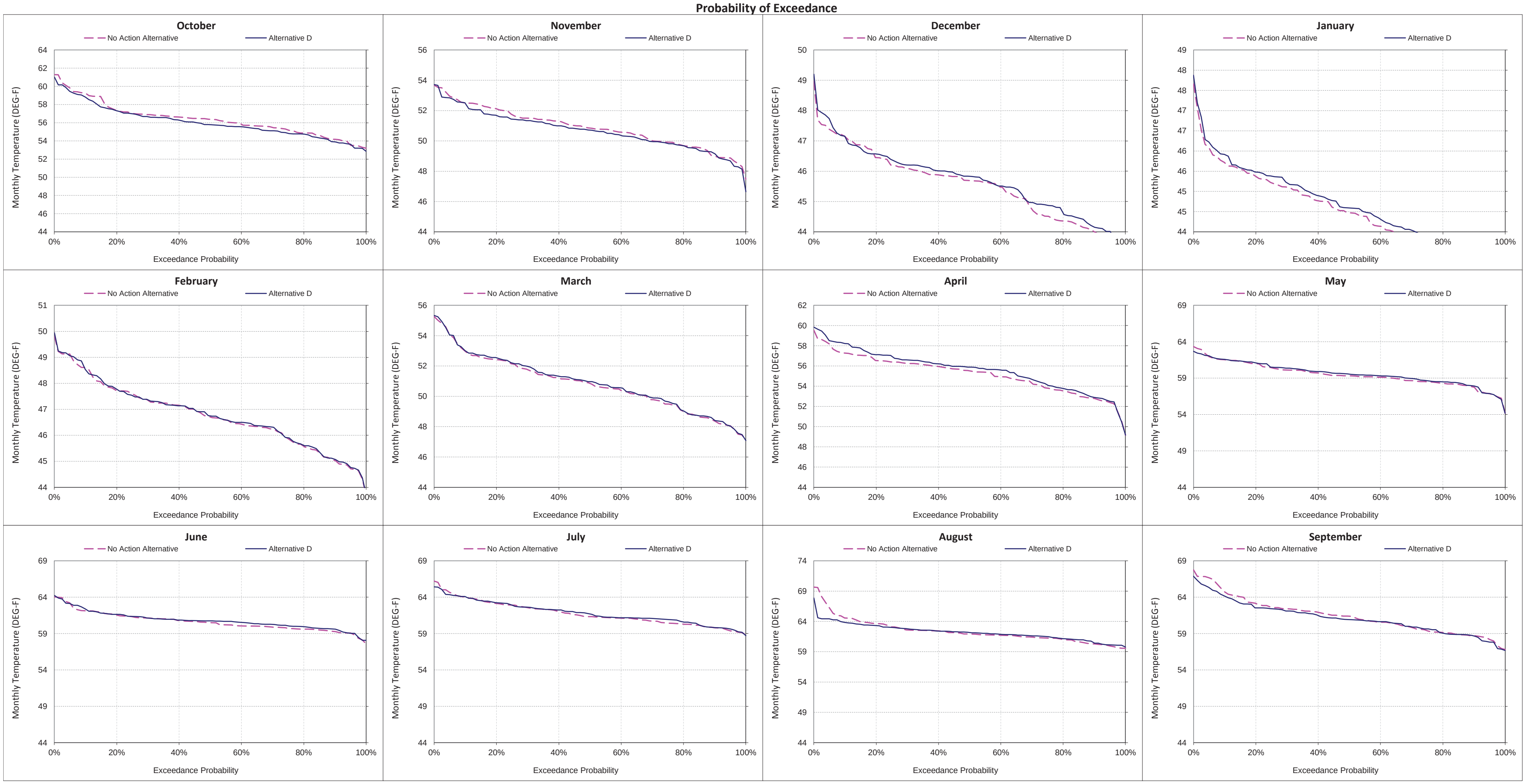


Table SQ-08-9b

Sacramento River below Hamilton City, Monthly Temperature

Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	61.3	61.0	-0.3	-0.4%
1.2%	61.3	60.2	-1.1	-1.8%
2.5%	60.4	60.2	-0.2	-0.4%
3.7%	60.1	59.9	-0.2	-0.4%
4.9%	59.8	59.5	-0.4	-0.6%
6.2%	59.4	59.2	-0.2	-0.3%
7.4%	59.4	59.1	-0.3	-0.5%
8.6%	59.3	59.1	-0.2	-0.4%
9.9%	59.3	58.8	-0.4	-0.7%
11.1%	59.0	58.5	-0.4	-0.7%
12.3%	58.9	58.4	-0.5	-0.9%
13.6%	58.9	58.1	-0.8	-1.4%
14.8%	58.9	57.7	-1.1	-1.9%
16.0%	58.1	57.7	-0.5	-0.8%
17.3%	57.7	57.5	-0.2	-0.3%
18.5%	57.5	57.5	-0.1	-0.1%
19.8%	57.4	57.3	0.0	-0.1%
21.0%	57.2	57.2	0.0	0.0%
22.2%	57.2	57.1	-0.1	-0.2%
23.5%	57.2	57.0	-0.1	-0.3%
24.7%	57.0	57.0	0.0	-0.1%
25.9%	57.0	56.9	0.0	-0.1%
27.2%	57.0	56.8	-0.1	-0.2%
28.4%	56.9	56.7	-0.3	-0.4%
29.6%	56.9	56.7	-0.2	-0.4%
30.9%	56.9	56.6	-0.3	-0.5%
32.1%	56.8	56.6	-0.2	-0.4%
33.3%	56.8	56.6	-0.2	-0.4%
34.6%	56.8	56.6	-0.2	-0.4%
35.8%	56.7	56.6	-0.2	-0.3%
37.0%	56.7	56.5	-0.2	-0.4%
38.3%	56.6	56.4	-0.3	-0.5%
39.5%	56.6	56.3	-0.3	-0.6%
40.7%	56.6	56.2	-0.4	-0.7%
42.0%	56.6	56.1	-0.5	-0.8%
43.2%	56.5	56.1	-0.4	-0.7%
44.4%	56.5	56.1	-0.4	-0.7%
45.7%	56.5	56.0	-0.5	-0.8%
46.9%	56.5	55.9	-0.5	-0.9%
48.1%	56.5	55.8	-0.7	-1.2%
49.4%	56.4	55.8	-0.6	-1.1%
50.6%	56.4	55.8	-0.6	-1.0%
51.9%	56.3	55.7	-0.6	-1.1%
53.1%	56.2	55.7	-0.5	-0.9%
54.3%	56.2	55.7	-0.5	-0.9%
55.6%	56.0	55.6	-0.4	-0.8%
56.8%	56.0	55.6	-0.4	-0.7%
58.0%	56.0	55.6	-0.4	-0.7%
59.3%	56.0	55.6	-0.4	-0.8%
60.5%	55.7	55.5	-0.2	-0.3%
61.7%	55.7	55.5	-0.2	-0.4%
63.0%	55.7	55.4	-0.3	-0.5%
64.2%	55.7	55.4	-0.3	-0.5%
65.4%	55.6	55.3	-0.3	-0.5%
66.7%	55.6	55.2	-0.5	-0.8%
67.9%	55.6	55.1	-0.5	-0.8%
69.1%	55.6	55.1	-0.4	-0.8%
70.4%	55.4	55.1	-0.3	-0.6%
71.6%	55.4	55.1	-0.4	-0.6%
72.8%	55.4	54.9	-0.4	-0.8%
74.1%	55.3	54.9	-0.4	-0.7%
75.3%	55.2	54.8	-0.4	-0.7%
76.5%	55.1	54.8	-0.3	-0.6%
77.8%	54.9	54.8	-0.2	-0.3%
79.0%	54.9	54.8	-0.1	-0.2%
80.2%	54.9	54.8	-0.1	-0.2%
81.5%	54.9	54.7	-0.2	-0.4%
82.7%	54.9	54.5	-0.4	-0.7%
84.0%	54.7	54.4	-0.2	-0.5%
85.2%	54.6	54.3	-0.3	-0.5%
86.4%	54.4	54.3	-0.1	-0.3%
87.7%	54.3	54.2	-0.1	-0.2%
88.9%	54.2	53.9	-0.3	-0.5%
90.1%	54.2	53.9	-0.3	-0.5%
91.4%	54.1	53.8	-0.4	-0.7%
92.6%	54.0	53.8	-0.2	-0.4%
93.8%	54.0	53.7	-0.3	-0.5%
95.1%	53.5	53.6	0.1	0.3%
96.3%	53.5	53.2	-0.3	-0.5%
97.5%	53.4	53.2	-0.2	-0.5%
98.8%	53.3	53.2	-0.1	-0.2%
100.0%	53.2	52.9	0.0	-0.6%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.7	53.7	0.0	0.1%
1.2%	53.5	53.7	0.1	0.3%
2.5%	53.5	52.9	-0.6	-1.1%
3.7%	53.2	52.9	-0.4	-0.7%
4.9%	53.0	52.8	-0.1	-0.2%
6.2%	52.8	52.7	-0.1	-0.2%
7.4%	52.7	52.6	-0.2	-0.3%
8.6%	52.6	52.6	0.0	0.0%
9.9%	52.5	52.5	0.0	0.0%
11.1%	52.5	52.1	-0.4	-0.7%
12.3%	52.5	52.1	-0.4	-0.8%
13.6%	52.4	52.1	-0.4	-0.7%
14.8%	52.4	52.1	-0.3	-0.6%
16.0%	52.3	51.8	-0.5	-1.0%
17.3%	52.2	51.8	-0.5	-0.9%
18.5%	52.2	51.7	-0.4	-0.9%
19.8%	52.1	51.7	-0.4	-0.8%
21.0%	52.0	51.6	-0.4	-0.9%
22.2%	52.0	51.6	-0.4	-0.8%
23.5%	52.0	51.6	-0.4	-0.8%
24.7%	51.8	51.4	-0.3	-0.6%
25.9%	51.6	51.4	-0.2	-0.4%
27.2%	51.6	51.4	-0.2	-0.3%
28.4%	51.5	51.4	-0.1	-0.2%
29.6%	51.5	51.3	-0.2	-0.3%
30.9%	51.5	51.3	-0.2	-0.3%
32.1%	51.5	51.3	-0.2	-0.4%
33.3%	51.4	51.3	-0.2	-0.3%
34.6%	51.4	51.2	-0.2	-0.3%
35.8%	51.4	51.2	-0.2	-0.4%
37.0%	51.4	51.1	-0.2	-0.5%
38.3%	51.3	51.0	-0.3	-0.6%
39.5%	51.3	51.0	-0.3	-0.6%
40.7%	51.3	51.0	-0.3	-0.5%
42.0%	51.2	51.0	-0.2	-0.4%
43.2%	51.1	50.8	-0.2	-0.5%
44.4%	51.0	50.8	-0.2	-0.4%
45.7%	51.0	50.8	-0.2	-0.4%
46.9%	51.0	50.8	-0.2	-0.4%
48.1%	50.9	50.8	-0.1	-0.3%
49.4%	50.9	50.7	-0.1	-0.3%
50.6%	50.8	50.7	-0.1	-0.2%
51.9%	50.8	50.6	-0.1	-0.3%
53.1%	50.8	50.6	-0.2	-0.3%
54.3%	50.8	50.6	-0.2	-0.3%
55.6%	50.8	50.5	-0.3	-0.5%
56.8%	50.7	50.5	-0.2	-0.4%
58.0%	50.6	50.4	-0.2	-0.4%
59.3%	50.6	50.4	-0.2	-0.4%
60.5%	50.6	50.3	-0.2	-0.5%
61.7%	50.6	50.3	-0.3	-0.5%
63.0%	50.5	50.3	-0.2	-0.5%
64.2%	50.4	50.3	-0.2	-0.3%
65.4%	50.4	50.2	-0.2	-0.4%
66.7%	50.4	50.1	-0.3	-0.6%
67.9%	50.2	50.1	-0.2	-0.3%
69.1%	50.1	50.0	-0.1	-0.2%
70.4%	50.0	50.0	0.0	-0.1%
71.6%	50.0	49.9	0.0	-0.1%
72.8%	50.0	49.9	0.0	-0.1%
74.1%	49.9	49.9	0.0	-0.1%
75.3%	49.9	49.8	-0.1	-0.2%
76.5%	49.9	49.8	-0.1	-0.2%
77.8%	49.8	49.7	-0.1	-0.1%
79.0%	49.7	49.7	0.0	-0.1%
80.2%	49.7	49.7	0.0	0.0%
81.5%	49.7	49.5	-0.1	-0.2%
82.7%	49.6	49.5	-0.1	-0.1%
84.0%	49.6	49.5	-0.1	-0.2%
85.2%	49.6	49.4	-0.2	-0.4%
86.4%	49.5	49.3	-0.2	-0.4%
87.7%	49.4	49.3	-0.1	-0.1%
88.9%	49.0	49.3	0.2	0.5%
90.1%	49.0	49.1	0.2	0.3%
91.4%	48.9	48.9	0.0	-0.1%
92.6%	48.9	48.8	-0.1	-0.2%
93.8%	48.9	48.7	-0.1	-0.3%
95.1%	48.9	48.7	-0.2	-0.4%
96.3%	48.7	48.3	-0.3	-0.7%
97.5%	48.5	48.3	-0.2	-0.4%
98.8%	48.3	48.1	-0.2	-0.4%
100.0%	47.5	46.7	-0.8	-1.7%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	49.0	49.2	0.2	0.5%
1.2%	47.7	48.0	0.3	0.7%
2.5%	47.5	47.9	0.4	0.8%
3.7%	47.5	47.9	0.3	0.7%
4.9%	47.4	47.7	0.4	0.8%
6.2%	47.3	47.4	0.1	0.3%
7.4%	47.2	47.3	0.0	0.1%
8.6%	47.2	47.2	0.0	-0.1%
9.9%	47.2	47.2	0.0	0.0%
11.1%	47.0	46.9	-0.1	-0.3%
12.3%	47.0	46.9	-0.1	-0.2%
13.6%	46.9	46.8	0.0	-0.1%
14.8%	46.9	46.8	-0.1	-0.2%
16.0%	46.9	46.6	-0.2	-0.4%
17.3%	46.7	46.6	-0.2	-0.3%
18.5%	46.7	46.6	-0.1	-0.3%
19.8%	46.5	46.6	0.1	0.3%
21.0%	46.4	46.6	0.1	0.2%
22.2%	46.4	46.5	0.1	0.2%
23.5%	46.4	46.5	0.1	0.2%
24.7%	46.2	46.4	0.2	0.4%
25.9%	46.2	46.3	0.1	0.3%
27.2%	46.1	46.3	0.1	0.3%
28.4%	46.1	46.2	0.1	0.2%
29.6%	46.1	46.2	0.1	0.2%
30.9%	46.1	46.2	0.1	0.3%
32.1%	46.0	46.2	0.2	0.4%
33.3%	46.0	46.2	0.2	0.4%
34.6%	46.0	46.2	0.2	0.4%
35.8%	45.9	46.1	0.2	0.4%
37.0%	45.9	46.1	0.2	0.5%
38.3%	45.9	46.0	0.2	0.3%
39.5%	45.9	46.0	0.1	0.3%
40.7%	45.9	46.0	0.1	0.3%
42.0%	45.8	46.0	0.2	0.3%
43.2%	45.8	46.0	0.1	0.3%
44.4%	45.8	46.0	0.1	0.3%
45.7%	45.8	45.9	0.1	0.2%
46.9%	45.8	45.9	0.1	0.1%
48.1%	45.7	45.8	0.1	0.3%
49.4%	45.7	45.8	0.1	0.3%
50.6%	45.7	45.8	0.1	0.3%
51.9%	45.7	45.8	0.1	0.3%
53.1%	45.7	45.8	0.1	0.3%
54.3%	45.6	45.7	0.1	0.2%
55.6%	45.6	45.7	0.0	0.1%
56.8%	45.6	45.6	0.0	0.1%
58.0%	45.6	45.6	0.0	-0.1%
59.3%	45.5	45.5	0.0	0.1%
60.5%	45.5	45.5	0.0	0.1%
61.7%	45.3	45.5	0.2	0.4%
63.0%	45.3	45.5	0.2	0.4%
64.2%	45.2	45.4	0.3	0.6%
65.4%	45.1	45.4	0.3	0.6%
66.7%	45.1	45.2	0.1	0.3%
67.9%	45.1	45.1	0.0	-0.1%
69.1%	44.9	45.0	0.1	0.3%
70.4%	44.7	45.0	0.3	0.6%
71.6%	44.6	44.9	0.3	0.7%
72.8%	44.6	44.9	0.3	0.7%
74.1%	44.5	44.9	0.4	0.8%
75.3%	44.5	44.9	0.4	0.8%
76.5%	44.4	44.9	0.4	0.9%
77.8%	44.4	44.8	0.4	1.0%
79.0%	44.4	44.8	0.4	1.0%
80.2%	44.4	44.6	0.2	0.5%
81.5%	44.4	44.5	0.2	0.4%
82.7%	44.3	44.5	0.2	0.5%
84.0%	44.3	44.5	0.2	0.5%
85.2%	44.2	44.4	0.2	0.5%
86.4%	44.1	44.4	0.3	0.6%
87.7%	44.1	44.3	0.2	0.4%
88.9%	44.1	44.2	0.1	0.3%
90.1%	44.0	44.2	0.2	0.4%
91.4%	43.9	44.1	0.2	0.5%
92.6%	43.8	44.1	0.4	0.8%
93.8%	43.7	44.0	0.3	0.7%
95.1%	43.7	44.0	0.3	0.7%
96.3%	43.5	43.8	0.3	0.6%
97.5%	43.5	43.7	0.2	0.5%
98.8%	43.2	43.3	0.2	0.4%
100.0%	41.7	41.9	0.2	0.5%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.7	47.9	0.2	0.5%
1.2%	47.1	47.2	0.1	0.3%
2.5%	46.5	46.8	0.3	0.7%
3.7%	46.2	46.3	0.1	0.3%
4.9%	46.1	46.2	0.1	0.3%
6.2%	45.9	46.1	0.2	0.4%
7.4%	45.9	46.0	0.2	0.3%
8.6%	45.8	45.9	0.2	0.4%
9.9%	45.7	45.9	0.2	0.4%
11.1%	45.6	45.9	0.2	0.5%
12.3%	45.6	45.7	0.0	0.1%
13.6%	45.6	45.7	0.1	0.1%
14.8%	45.5	45.6	0.0	0.1%
16.0%	45.5	45.6	0.0	0.1%
17.3%	45.5	45.5	0.1	0.2%
18.5%	45.4	45.5	0.1	0.2%
19.8%	45.4	45.5	0.1	0.2%
21.0%	45.3	45.5	0.2	0.3%
22.2%	45.3	45.4	0.1	0.3%
23.5%	45.3	45.4	0.1	0.2%
24.7%	45.2	45.4	0.2	0.4%
25.9%	45.2	45.4	0.2	0.4%
27.2%	45.2	45.4	0.2	0.4%
28.4%	45.1	45.4	0.2	0.5%
29.6%	45.1	45.2	0.1	0.3%
30.9%	45.1	45.2	0.1	0.2%
32.1%	45.0	45.2	0.1	0.3%
33.3%	45.0	45.2	0.1	0.3%
34.6%	44.9	45.1	0.2	0.4%
35.8%	44.9	45.0	0.1	0.3%
37.0%	44.9	45.0	0.1	0.2%
38.3%	44.8	44.9	0.1	0.3%
39.5%	44.8	44.9	0.1	0.3%
40.7%	44.8	44.9	0.1	0.3%
42.0%	44.8	44.9	0.1	0.2%
43.2%	44.7	44.8	0.1	0.1%
44.4%	44.6	44.8	0.2	0.4%
45.7%	44.6	44.8	0.2	0.4%
46.9%	44.5	44.6	0.1	0.2%
48.1%	44.5	44.6	0.1	0.2%
49.4%	44.5	44.6	0.1	0.3%
50.6%	44.5	44.6	0.1	0.3%
51.9%	44.5	44.6	0.1	0.3%
53.1%	44.4	44.6	0.2	0.4%
54.3%	44.4	44.5	0.1	0.3%
55.6%	44.4	44.5	0.1	0.2%
56.8%	44.2	44.5	0.3	0.6%
58.0%	44.2	44.4	0.2	0.5%
59.3%	44.1	44.4	0.2	0.5%
60.5%	44.1	44.3	0.2	0.4%
61.7%	44.0	44.2	0.2	0.4%
63.0%	44.0	44.2	0.2	0.4%
64.2%	44.0	44.1	0.1	0.3%
65.4%	43.9	44.1	0.2	0.4%
66.7%	43.9	44.1	0.2	0.5%
67.9%	43.8	44.1	0.2	0.5%
69.1%	43.8	44.1	0.3	0.6%
70.4%	43.7	44.0	0.3	0.7%
71.6%	43.7	44.0	0.3	0.7%
72.8%	43.7	43.9	0.2	0.5%
74.1%	43.7	43.9	0.2	0.5%
75.3%	43.6	43.9	0.2	0.5%
76.5%	43.5	43.8	0.3	0.6%
77.8%	43.5	43.8	0.3	0.7%
79.0%	43.5	43.7	0.3	0.6%
80.2%	43.5	43.7	0.2	0.5%
81.5%	43.4	43.7	0.2	0.5%
82.7%	43.4	43.5	0.1	0.3%
84.0%	43.3	43.5	0.2	0.5%
85.2%	43.2	43.3	0.1	0.2%
86.4%	43.2	43.3	0.2	0.4%
87.7%	43.1	43.3	0.1	0.3%
88.9%	43.1	43.3	0.1	0.3%
90.1%	43.1	43.2	0.1	0.3%
91.4%	42.9	43.1	0.2	0.4%
92.6%	42.9	43.0	0.1	0.2%
93.8%	42.8	42.8	0.1	0.2%
95.1%	42.7	42.7	0.0	0.1%
96.3%	42.5	42.7	0.2	0.6%
97.5%	42.4	42.5	0.1	0.2%
98.8%	42.2	42.2	0.0	0.0%
100.0%	41.6	42.2	0.6	1.5%

Table SQ-08-9b

Sacramento River below Hamilton City, Monthly Temperature
Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	49.8	50.0	0.1	0.3%
1.2%	49.2	49.2	0.0	0.0%
2.5%	49.1	49.2	0.0	0.1%
3.7%	49.1	49.2	0.0	0.1%
4.9%	49.1	49.1	-0.1	-0.1%
6.2%	48.9	49.0	0.2	0.3%
7.4%	48.7	48.9	0.2	0.4%
8.6%	48.6	48.9	0.2	0.5%
9.9%	48.6	48.5	-0.1	-0.1%
11.1%	48.5	48.4	-0.2	-0.3%
12.3%	48.2	48.3	0.1	0.2%
13.6%	48.1	48.3	0.2	0.4%
14.8%	48.1	48.2	0.1	0.2%
16.0%	47.9	48.0	0.1	0.2%
17.3%	47.9	47.9	0.0	0.1%
18.5%	47.8	47.9	0.1	0.1%
19.8%	47.7	47.8	0.1	0.1%
21.0%	47.7	47.7	0.0	0.0%
22.2%	47.7	47.7	0.0	0.0%
23.5%	47.7	47.6	-0.1	-0.2%
24.7%	47.6	47.5	-0.1	-0.1%
25.9%	47.5	47.5	-0.1	-0.1%
27.2%	47.4	47.5	0.0	0.1%
28.4%	47.4	47.4	0.0	-0.1%
29.6%	47.4	47.4	0.0	0.0%
30.9%	47.3	47.3	0.0	0.1%
32.1%	47.3	47.3	0.0	0.1%
33.3%	47.2	47.3	0.0	0.1%
34.6%	47.2	47.3	0.0	0.0%
35.8%	47.2	47.2	-0.1	-0.1%
37.0%	47.2	47.2	0.0	-0.1%
38.3%	47.2	47.2	0.0	0.0%
39.5%	47.2	47.1	0.0	0.0%
40.7%	47.1	47.1	0.0	0.0%
42.0%	47.1	47.1	0.0	0.0%
43.2%	47.0	47.0	0.0	0.1%
44.4%	47.0	47.0	0.0	0.1%
45.7%	46.9	46.9	0.0	-0.1%
46.9%	46.9	46.9	0.0	0.1%
48.1%	46.8	46.9	0.2	0.3%
49.4%	46.7	46.8	0.0	0.1%
50.6%	46.7	46.7	0.1	0.1%
51.9%	46.7	46.7	0.1	0.2%
53.1%	46.7	46.6	0.0	0.0%
54.3%	46.6	46.6	0.0	0.0%
55.6%	46.6	46.6	0.0	0.0%
56.8%	46.5	46.5	0.0	0.1%
58.0%	46.5	46.5	0.0	0.1%
59.3%	46.4	46.5	0.0	0.1%
60.5%	46.4	46.5	0.1	0.2%
61.7%	46.4	46.5	0.1	0.2%
63.0%	46.4	46.5	0.1	0.2%
64.2%	46.3	46.4	0.0	0.1%
65.4%	46.3	46.4	0.0	0.1%
66.7%	46.3	46.4	0.0	0.1%
67.9%	46.3	46.3	0.0	0.1%
69.1%	46.2	46.3	0.1	0.2%
70.4%	46.2	46.3	0.1	0.2%
71.6%	46.1	46.2	0.0	0.1%
72.8%	46.1	46.1	0.0	-0.1%
74.1%	45.9	45.9	0.0	0.0%
75.3%	45.8	45.9	0.1	0.1%
76.5%	45.7	45.8	0.0	0.1%
77.8%	45.7	45.7	0.0	0.1%
79.0%	45.7	45.7	0.0	0.0%
80.2%	45.6	45.6	0.0	0.1%
81.5%	45.5	45.6	0.1	0.2%
82.7%	45.5	45.5	0.1	0.2%
84.0%	45.4	45.5	0.1	0.1%
85.2%	45.3	45.3	0.0	0.1%
86.4%	45.2	45.2	0.0	0.0%
87.7%	45.2	45.1	0.0	-0.1%
88.9%	45.1	45.1	0.1	0.1%
90.1%	45.0	45.1	0.0	0.1%
91.4%	44.9	45.0	0.1	0.2%
92.6%	44.9	45.0	0.1	0.2%
93.8%	44.9	44.9	0.0	0.1%
95.1%	44.7	44.8	0.1	0.1%
96.3%	44.7	44.7	0.0	0.1%
97.5%	44.6	44.7	0.0	0.0%
98.8%	44.3	44.4	0.0	0.1%
100.0%	43.7	43.7	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	55.3	55.3	0.1	0.1%
1.2%	55.0	55.2	0.2	0.4%
2.5%	54.8	54.9	0.1	0.2%
3.7%	54.6	54.5	0.0	-0.1%
4.9%	54.1	54.0	0.0	0.0%
6.2%	53.9	54.0	0.1	0.3%
7.4%	53.5	53.4	-0.1	-0.1%
8.6%	53.2	53.3	0.1	0.1%
9.9%	53.0	53.0	0.0	0.0%
11.1%	52.8	52.9	0.1	0.1%
12.3%	52.7	52.8	0.2	0.3%
13.6%	52.7	52.7	0.1	0.1%
14.8%	52.6	52.7	0.1	0.3%
16.0%	52.5	52.7	0.2	0.4%
17.3%	52.5	52.6	0.1	0.2%
18.5%	52.4	52.6	0.1	0.2%
19.8%	52.4	52.6	0.1	0.3%
21.0%	52.4	52.5	0.1	0.1%
22.2%	52.4	52.4	0.0	0.1%
23.5%	52.3	52.4	0.0	0.0%
24.7%	52.1	52.2	0.1	0.1%
25.9%	52.1	52.2	0.0	0.1%
27.2%	51.9	52.1	0.3	0.5%
28.4%	51.8	52.0	0.2	0.4%
29.6%	51.8	52.0	0.2	0.4%
30.9%	51.7	51.9	0.2	0.5%
32.1%	51.6	51.8	0.1	0.3%
33.3%	51.4	51.6	0.1	0.3%
34.6%	51.4	51.6	0.1	0.3%
35.8%	51.4	51.4	0.0	0.0%
37.0%	51.3	51.4	0.1	0.1%
38.3%	51.2	51.4	0.1	0.3%
39.5%	51.2	51.3	0.1	0.2%
40.7%	51.1	51.3	0.1	0.3%
42.0%	51.1	51.3	0.1	0.3%
43.2%	51.1	51.3	0.1	0.3%
44.4%	51.1	51.2	0.1	0.1%
45.7%	51.0	51.1	0.1	0.1%
46.9%	51.0	51.1	0.1	0.1%
48.1%	50.9	51.0	0.1	0.3%
49.4%	50.9	51.0	0.1	0.1%
50.6%	50.8	51.0	0.2	0.3%
51.9%	50.6	50.9	0.3	0.5%
53.1%	50.6	50.8	0.2	0.3%
54.3%	50.6	50.8	0.2	0.4%
55.6%	50.5	50.8	0.2	0.4%
56.8%	50.5	50.6	0.1	0.1%
58.0%	50.5	50.6	0.1	0.2%
59.3%	50.5	50.6	0.1	0.2%
60.5%	50.3	50.5	0.2	0.5%
61.7%	50.3	50.3	0.0	0.0%
63.0%	50.2	50.3	0.1	0.2%
64.2%	50.2	50.2	0.1	0.1%
65.4%	50.1	50.1	0.0	0.0%
66.7%	50.1	50.1	0.0	0.0%
67.9%	50.0	50.1	0.0	0.1%
69.1%	49.8	49.9	0.2	0.3%
70.4%	49.8	49.9	0.1	0.2%
71.6%	49.7	49.9	0.2	0.3%
72.8%	49.7	49.9	0.2	0.4%
74.1%	49.5	49.7	0.2	0.4%
75.3%	49.5	49.6	0.1	0.3%
76.5%	49.4	49.5	0.1	0.2%
77.8%	49.4	49.5	0.1	0.1%
79.0%	49.1	49.1	0.0	0.0%
80.2%	49.0	49.0	0.0	0.1%
81.5%	48.8	48.9	0.0	0.1%
82.7%	48.8	48.8	0.0	-0.1%
84.0%	48.7	48.8	0.0	0.0%
85.2%	48.6	48.7	0.1	0.1%
86.4%	48.6	48.7	0.1	0.2%
87.7%	48.6	48.7	0.1	0.2%
88.9%	48.5	48.6	0.1	0.3%
90.1%	48.4	48.4	0.0	0.1%
91.4%	48.2	48.4	0.1	0.3%
92.6%	48.2	48.3	0.2	0.4%
93.8%	48.1	48.1	0.0	0.0%
95.1%	48.0	48.0	0.0	0.0%
96.3%	47.8	47.8	0.0	0.0%
97.5%	47.5	47.6	0.1	0.1%
98.8%	47.5	47.5	0.0	0.0%
100.0%	47.1	47.1	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.5	59.9	0.3	0.5%
1.2%	58.7	59.6	1.0	1.6%
2.5%	58.6	59.5	0.8	1.4%
3.7%	58.4	59.1	0.6	1.1%
4.9%	58.2	58.5	0.3	0.6%
6.2%	57.7	58.4	0.8	1.3%
7.4%	57.5	58.3	0.9	1.5%
8.6%	57.3	58.3	1.0	1.8%
9.9%	57.3	58.2	0.9	1.7%
11.1%	57.3	58.2	0.9	1.7%
12.3%	57.1	57.9	0.7	1.3%
13.6%	57.1	57.8	0.8	1.3%
14.8%	57.1	57.8	0.7	1.2%
16.0%	57.0	57.5	0.5	0.9%
17.3%	57.0	57.4	0.4	0.6%
18.5%	56.9	57.2	0.3	0.5%
19.8%	56.5	57.1	0.6	1.0%
21.0%	56.5	57.1	0.6	1.1%
22.2%	56.5	57.1	0.6	1.0%
23.5%	56.5	57.1	0.6	1.1%
24.7%	56.4	57.1	0.7	1.2%
25.9%	56.4	56.8	0.4	0.6%
27.2%	56.4	56.7	0.3	0.6%
28.4%	56.3	56.6	0.3	0.5%
29.6%	56.3	56.6	0.3	0.6%
30.9%	56.2	56.6	0.3	0.6%
32.1%	56.2	56.6	0.3	0.6%
33.3%	56.2	56.5	0.3	0.6%
34.6%	56.2	56.5	0.3	0.6%
35.8%	56.1	56.4	0.3	0.5%
37.0%	56.1	56.4	0.3	0.5%
38.3%	56.0	56.2	0.2	0.4%
39.5%	56.0	56.2	0.3	0.5%
40.7%	55.9	56.2	0.3	0.5%
42.0%	55.8	56.1	0.2	0.4%
43.2%	55.8	56.1	0.3	0.5%
44.4%	55.7	56.0	0.3	0.5%
45.7%	55.7	56.0	0.3	0.5%
46.9%	55.7	56.0	0.3	0.5%
48.1%	55.6	55.9	0.4	0.6%
49.4%	55.6	55.9	0.3	0.6%
50.6%	55.5	55.9	0.4	0.7%
51.9%	55.4	55.9	0.4	0.8%
53.1%	55.4	55.8	0.4	0.7%
54.3%	55.4	55.7	0.4	0.6%
55.6%	55.4	55.7	0.3	0.5%
56.8%	55.3	55.7	0.3	0.6%
58.0%	55.0	55.6	0.7	1.2%
59.3%	55.0	55.6	0.7	1.2%
60.5%	54.9	55.6	0.7	1.2%
61.7%	54.9	55.6	0.7	1.2%
63.0%	54.8	55.3	0.6	1.0%
64.2%	54.7	55.3	0.6	1.1%
65.4%	54.6	55.0	0.4	0.7%
66.7%	54.6	54.9	0.4	0.7%
67.9%	54.5	54.9	0.3	0.6%
69.1%	54.5	54.8	0.3	0.5%
70.4%	54.2	54.6	0.4	0.8%
71.6%	54.2	54.5	0.3	0.6%
72.8%	54.1	54.4	0.3	0.5%
74.1%	53.8	54.3	0.4	0.8%
75.3%	53.8	54.1	0.3	0.5%
76.5%	53.7	54.0	0.3	0.6%
77.8%	53.6	53.9	0.3	0.5%
79.0%	53.6	53.8	0.2	0.4%
80.2%	53.5	53.8	0.3	0.5%
81.5%	53.4	53.7	0.2	0.4%
82.7%	53.3	53.7	0.3	0.6%
84.0%	53.3	53.6	0.3	0.6%
85.2%	53.0	53.4	0.5	0.9%
86.4%	52.9	53.3	0.3	0.6%
87.7%	52.9	53.1	0.2	0.4%
88.9%	52.8	53.0	0.1	0.2%
90.1%	52.8	52.9	0.1	0.2%
91.4%	52.7	52.8	0.2	0.3%
92.6%	52.5	52.8	0.2	0.5%
93.8%	52.5	52.6	0.1	0.2%
95.1%	52.4	52.5	0.1	0.2%
96.3%	52.3	52.5	0.2	0.3%
97.5%	51.5	51.4	0.0	-0.1%
98.8%	50.5	50.5	0.0	-0.1%
100.0%	49.2	49.2	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	63.3	62.7	-0.6	-1.0%
1.2%	63.1	62.4	-0.6	-1.0%
2.5%	62.9	62.3	-0.6	-0.9%
3.7%	62.4	62.1	-0.3	-0.4%
4.9%	62.0	62.1	0.1	0.2%
6.2%	61.8	61.8	0.1	0.1%
7.4%	61.6	61.7	0.1	0.1%
8.6%	61.6	61.6	0.0	0.1%
9.9%	61.5	61.6	0.0	0.1%
11.1%	61.4	61.5	0.1	0.1%
12.3%	61.4	61.4	0.0	0.0%
13.6%	61.4	61.4	-0.1	-0.1%
14.8%	61.3	61.4	0.0	0.1%
16.0%	61.3	61.3	0.0	0.1%
17.3%	61.1	61.2	0.1	0.1%
18.5%	61.0	61.2	0.2	0.3%
19.8%	61.0	61.1	0.1	0.2%
21.0%	61.0	61.0	0.1	0.1%
22.2%	60.6	61.0	0.4	0.7%
23.5%	60.5	61.0	0.5	0.8%
24.7%	60.5	60.5	0.0	0.1%
25.9%	60.3	60.5	0.2	0.3%
27.2%	60.2	60.5	0.2	0.4%
28.4%	60.1	60.4	0.3	0.5%
29.6%	60.1	60.4	0.2	0.4%
30.9%	60.1	60.4	0.3	0.4%
32.1%	60.1	60.3	0.2	0.3%
33.3%	60.1	60.3	0.2	0.3%
34.6%	60.1	60.2	0.1	0.2%
35.8%	59.9	60.1	0.2	0.3%
37.0%	59.8	60.0	0.2	0.3%
38.3%	59.7	60.0	0.2	0.4%
39.5%	59.7	59.9	0.2	0.3%
40.7%	59.7	59.9	0.2	0.4%
42.0%	59.5	59.9	0.3	0.5%
43.2%	59.5	59.8	0.3	0.6%
44.4%	59.4	59.7	0.3	0.6%
45.7%	59.4	59.7	0.3	0.5%
46.9%	59.4	59.6	0.3	0.5%
48.1%	59.3	59.6	0.3	0.5%
49.4%	59.3	59.6	0.3	0.4%
50.6%	59.3	59.5	0.2	0.3%
51.9%	59.3	59.5	0.2	0.4%
53.1%	59.2	59.5	0.2	0.4%
54.3%	59.2	59.4	0.3	0.4%
55.6%	59.2	59.4	0.2	0.4%
56.8%	59.2	59.4	0.2	0.4%
58.0%	59.2	59.4	0.2	0.3%
59.3%	59.1	59.3	0.2	0.4%
60.5%	59.1	59.3	0.2	0.3%
61.7%	59.1	59.3	0.2	0.3%
63.0%	59.0	59.2	0.2	0.4%
64.2%	59.0	59.2	0.2	0.4%
65.4%	58.9	59.2	0.3	0.5%
66.7%	58.9	59.2	0.3	0.5%
67.9%	58.7	59.0	0.3	0.6%
69.1%	58.7	59.0	0.3	0.5%
70.4%	58.6	59.0	0.3	0.5%
71.6%	58.6	58.9	0.3	0.5%
72.8%	58.5	58.7	0.2	0.3%
74.1%	58.5	58.7	0.2	0.3%
75.3%	58.5	58.6	0.2	0.3%
76.5%	58.5	58.5	0.1	0.1%
77.8%	58.4	58.5	0.1	0.2%
79.0%	58.3	58.5	0.2	0.3%
80.2%	58.3	58.5	0.2	0.4%
81.5%	58.2	58.5	0.3	0.5%
82.7%	58.2	58.4	0.2	0.4%
84.0%	58.2	58.4	0.2	0.4%
85.2%	58.1	58.3	0.2	0.4%
86.4%	58.0	58.2	0.2	0.4%
87.7%	58.0	58.0	0.0	0.1%
88.9%	57.9	58.0	0.1	0.2%
90.1%	57.7	57.9	0.2	0.3%
91.4%	57.1	57.8	0.7	1.2%
92.6%	57.1	57.0	-0.1	-0.1%
93.8%	56.9	56.9	0.0	0.0%
95.1%	56.9	56.9	0.0	0.0%
96.3%	56.7	56.7	0.0	0.1%
97.5%	56.4	56.4	0.0	-0.1%
98.8%	56.2	56.1	-0.1	-0.2%
100.0%	54.2	54.2	0.0	0.0%

Table SQ-08-9b

Sacramento River below Hamilton City, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	64.0	64.2	0.2	0.3%
1.2%	64.0	63.9	-0.1	-0.2%
2.5%	63.9	63.7	-0.2	-0.3%
3.7%	63.4	63.2	-0.2	-0.4%
4.9%	63.2	63.1	-0.1	-0.1%
6.2%	62.5	62.9	0.4	0.6%
7.4%	62.3	62.9	0.6	1.0%
8.6%	62.2	62.7	0.5	0.8%
9.9%	62.1	62.4	0.2	0.4%
11.1%	62.1	62.1	-0.1	-0.1%
12.3%	62.1	62.1	0.0	-0.1%
13.6%	62.0	62.0	0.0	0.0%
14.8%	62.0	61.8	-0.2	-0.2%
16.0%	61.8	61.8	0.0	0.0%
17.3%	61.7	61.7	0.0	0.0%
18.5%	61.7	61.6	0.0	-0.1%
19.8%	61.6	61.6	0.1	0.1%
21.0%	61.4	61.6	0.2	0.3%
22.2%	61.4	61.6	0.2	0.3%
23.5%	61.4	61.4	0.0	0.0%
24.7%	61.3	61.4	0.0	0.0%
25.9%	61.2	61.4	0.1	0.2%
27.2%	61.2	61.3	0.1	0.2%
28.4%	61.1	61.3	0.1	0.2%
29.6%	61.1	61.1	0.0	0.0%
30.9%	61.1	61.1	0.0	0.0%
32.1%	61.1	61.0	0.0	-0.1%
33.3%	61.0	61.0	0.0	0.0%
34.6%	61.0	61.0	0.0	0.0%
35.8%	61.0	61.0	0.0	-0.1%
37.0%	61.0	61.0	0.0	0.0%
38.3%	61.0	61.0	0.0	0.0%
39.5%	60.8	60.8	0.0	0.1%
40.7%	60.8	60.8	0.1	0.1%
42.0%	60.7	60.8	0.1	0.2%
43.2%	60.7	60.8	0.1	0.1%
44.4%	60.7	60.8	0.1	0.2%
45.7%	60.6	60.8	0.1	0.2%
46.9%	60.6	60.8	0.2	0.3%
48.1%	60.6	60.8	0.2	0.3%
49.4%	60.5	60.7	0.2	0.4%
50.6%	60.5	60.7	0.2	0.4%
51.9%	60.5	60.7	0.2	0.4%
53.1%	60.2	60.7	0.5	0.8%
54.3%	60.2	60.7	0.5	0.8%
55.6%	60.2	60.7	0.5	0.8%
56.8%	60.2	60.7	0.5	0.8%
58.0%	60.1	60.6	0.5	0.9%
59.3%	60.1	60.6	0.5	0.8%
60.5%	60.0	60.5	0.5	0.8%
61.7%	60.0	60.5	0.5	0.8%
63.0%	60.0	60.4	0.4	0.7%
64.2%	60.0	60.4	0.3	0.6%
65.4%	60.0	60.4	0.3	0.6%
66.7%	60.0	60.3	0.3	0.5%
67.9%	60.0	60.3	0.3	0.6%
69.1%	59.9	60.3	0.3	0.6%
70.4%	59.9	60.2	0.4	0.6%
71.6%	59.9	60.2	0.3	0.5%
72.8%	59.8	60.1	0.3	0.5%
74.1%	59.8	60.1	0.3	0.5%
75.3%	59.7	60.0	0.4	0.6%
76.5%	59.7	60.0	0.3	0.6%
77.8%	59.6	60.0	0.3	0.6%
79.0%	59.6	60.0	0.4	0.6%
80.2%	59.6	59.9	0.3	0.6%
81.5%	59.6	59.9	0.2	0.4%
82.7%	59.6	59.8	0.2	0.3%
84.0%	59.5	59.7	0.2	0.3%
85.2%	59.5	59.7	0.2	0.4%
86.4%	59.4	59.7	0.2	0.4%
87.7%	59.4	59.7	0.3	0.5%
88.9%	59.3	59.6	0.3	0.5%
90.1%	59.3	59.6	0.3	0.5%
91.4%	59.1	59.4	0.3	0.5%
92.6%	59.1	59.2	0.1	0.2%
93.8%	59.1	59.1	0.0	0.0%
95.1%	59.1	59.0	0.0	0.0%
96.3%	58.8	59.0	0.2	0.4%
97.5%	58.4	58.5	0.1	0.2%
98.8%	58.1	58.1	-0.1	-0.1%
100.0%	57.6	58.1	0.5	0.9%

July

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	66.2	65.4	-0.8	-1.2%
1.2%	66.0	65.4	-0.6	-1.0%
2.5%	65.0	65.1	0.0	0.1%
3.7%	65.0	64.4	-0.6	-1.0%
4.9%	64.7	64.3	-0.3	-0.5%
6.2%	64.5	64.3	-0.2	-0.3%
7.4%	64.2	64.2	0.0	0.0%
8.6%	64.1	64.1	0.0	0.0%
9.9%	64.0	64.1	0.1	0.1%
11.1%	63.9	63.9	0.0	-0.1%
12.3%	63.8	63.8	0.0	0.0%
13.6%	63.7	63.6	-0.1	-0.2%
14.8%	63.6	63.5	-0.1	-0.2%
16.0%	63.4	63.5	0.1	0.1%
17.3%	63.3	63.4	0.1	0.2%
18.5%	63.2	63.3	0.1	0.2%
19.8%	63.2	63.2	0.1	0.1%
21.0%	63.1	63.2	0.1	0.2%
22.2%	63.0	63.2	0.2	0.3%
23.5%	62.9	63.1	0.2	0.3%
24.7%	62.9	62.9	0.0	0.0%
25.9%	62.9	62.7	-0.2	-0.3%
27.2%	62.7	62.7	-0.1	-0.1%
28.4%	62.7	62.7	0.0	-0.1%
29.6%	62.6	62.6	0.1	0.1%
30.9%	62.5	62.6	0.1	0.2%
32.1%	62.4	62.5	0.1	0.2%
33.3%	62.4	62.4	0.0	0.1%
34.6%	62.4	62.4	0.0	0.0%
35.8%	62.3	62.3	0.0	0.0%
37.0%	62.3	62.3	0.0	0.0%
38.3%	62.2	62.3	0.1	0.1%
39.5%	62.1	62.2	0.2	0.3%
40.7%	61.9	62.2	0.3	0.5%
42.0%	61.8	62.1	0.3	0.4%
43.2%	61.8	62.0	0.2	0.4%
44.4%	61.6	62.0	0.4	0.7%
45.7%	61.6	61.9	0.3	0.5%
46.9%	61.5	61.9	0.4	0.7%
48.1%	61.3	61.9	0.5	0.8%
49.4%	61.3	61.8	0.4	0.7%
50.6%	61.3	61.6	0.3	0.5%
51.9%	61.3	61.4	0.2	0.3%
53.1%	61.2	61.4	0.1	0.2%
54.3%	61.2	61.3	0.1	0.1%
55.6%	61.2	61.2	0.0	0.1%
56.8%	61.2	61.2	0.1	0.1%
58.0%	61.1	61.2	0.0	0.1%
59.3%	61.1	61.2	0.0	0.1%
60.5%	61.1	61.2	0.1	0.1%
61.7%	61.1	61.2	0.1	0.1%
63.0%	61.1	61.2	0.1	0.1%
64.2%	61.0	61.2	0.1	0.2%
65.4%	61.0	61.1	0.2	0.3%
66.7%	60.9	61.1	0.2	0.4%
67.9%	60.8	61.1	0.3	0.4%
69.1%	60.7	61.1	0.4	0.6%
70.4%	60.7	61.1	0.4	0.6%
71.6%	60.7	61.0	0.3	0.5%
72.8%	60.5	61.0	0.5	0.8%
74.1%	60.5	61.0	0.5	0.8%
75.3%	60.4	60.9	0.5	0.8%
76.5%	60.4	60.9	0.5	0.8%
77.8%	60.4	60.8	0.5	0.8%
79.0%	60.4	60.7	0.3	0.5%
80.2%	60.3	60.6	0.3	0.5%
81.5%	60.3	60.6	0.3	0.5%
82.7%	60.2	60.5	0.2	0.4%
84.0%	60.1	60.4	0.3	0.5%
85.2%	60.1	60.2	0.0	0.0%
86.4%	60.0	60.0	0.0	0.0%
87.7%	59.9	59.9	0.0	0.0%
88.9%	59.9	59.9	0.0	0.0%
90.1%	59.8	59.9	0.1	0.1%
91.4%	59.8	59.8	0.1	0.1%
92.6%	59.7	59.7	0.0	0.0%
93.8%	59.5	59.7	0.2	0.3%
95.1%	59.4	59.6	0.3	0.5%
96.3%	59.3	59.5	0.1	0.2%
97.5%	59.2	59.2	0.1	0.1%
98.8%	59.1	59.2	0.0	0.1%
100.0%	58.8	58.7	-0.1	-0.2%

August

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	69.7	67.9	-1.8	-2.6%
1.2%	69.6	64.6	-5.0	-7.2%
2.5%	68.1	64.5	-3.7	-5.4%
3.7%	67.2	64.4	-2.7	-4.1%
4.9%	66.3	64.4	-1.8	-2.8%
6.2%	65.3	64.3	-1.1	-1.6%
7.4%	65.0	64.3	-0.7	-1.1%
8.6%	64.9	63.9	-1.0	-1.5%
9.9%	64.6	63.8	-0.7	-1.1%
11.1%	64.5	63.8	-0.8	-1.2%
12.3%	64.5	63.7	-0.8	-1.2%
13.6%	64.2	63.6	-0.7	-1.0%
14.8%	64.0	63.5	-0.4	-0.7%
16.0%	63.9	63.4	-0.5	-0.7%
17.3%	63.8	63.4	-0.4	-0.7%
18.5%	63.7	63.4	-0.3	-0.5%
19.8%	63.7	63.3	-0.3	-0.5%
21.0%	63.6	63.3	-0.3	-0.5%
22.2%	63.6	63.1	-0.5	-0.8%
23.5%	63.4	63.1	-0.3	-0.5%
24.7%	63.1	63.0	-0.1	-0.1%
25.9%	63.1	63.0	-0.1	-0.2%
27.2%	63.0	62.9	0.0	-0.1%
28.4%	62.8	62.8	0.1	0.1%
29.6%	62.6	62.8	0.2	0.4%
30.9%	62.6	62.7	0.1	0.2%
32.1%	62.6	62.7	0.1	0.2%
33.3%	62.5	62.7	0.1	0.2%
34.6%	62.5	62.6	0.0	0.1%
35.8%	62.5	62.6	0.1	0.1%
37.0%	62.5	62.5	0.1	0.1%
38.3%	62.5	62.5	0.1	0.1%
39.5%	62.4	62.4	0.0	0.0%
40.7%	62.4	62.4	0.0	0.0%
42.0%	62.4	62.4	0.0	0.0%
43.2%	62.2	62.4	0.2	0.3%
44.4%	62.2	62.3	0.1	0.2%
45.7%	62.1	62.3	0.1	0.2%
46.9%	62.1	62.2	0.2	0.3%
48.1%	61.9	62.2	0.3	0.5%
49.4%	61.9	62.2	0.3	0.5%
50.6%	61.9	62.1	0.2	0.4%
51.9%	61.9	62.1	0.2	0.4%
53.1%	61.8	62.1	0.3	0.4%
54.3%	61.8	62.0	0.2	0.4%
55.6%	61.8	62.0	0.2	0.4%
56.8%	61.8	62.0	0.2	0.3%
58.0%	61.8	61.9	0.2	0.3%
59.3%	61.7	61.9	0.2	0.3%
60.5%	61.7	61.9	0.2	0.3%
61.7%	61.7	61.8	0.1	0.2%
63.0%	61.7	61.8	0.1	0.2%
64.2%	61.7	61.8	0.2	0.3%
65.4%	61.6	61.8	0.2	0.3%
66.7%	61.5	61.7	0.3	0.4%
67.9%	61.5	61.7	0.2	0.4%
69.1%	61.5	61.6	0.2	0.3%
70.4%	61.4	61.6	0.2	0.3%
71.6%	61.3	61.6	0.3	0.5%
72.8%	61.3	61.6	0.3	0.5%
74.1%	61.3	61.5	0.2	0.4%
75.3%	61.2	61.5	0.2	0.4%
76.5%	61.2	61.4	0.1	0.2%
77.8%	61.2	61.3	0.1	0.2%
79.0%	61.1	61.2	0.1	0.1%
80.2%	61.0	61.2	0.2	0.3%
81.5%	61.0	61.1	0.1	0.2%
82.7%	60.9	61.1	0.1	0.2%
84.0%	60.7	61.0	0.3	0.6%
85.2%	60.6	61.0	0.4	0.6%
86.4%	60.5	61.0	0.5	0.8%
87.7%	60.4	60.8	0.4	0.7%
88.9%	60.3	60.8	0.5	0.8%
90.1%	60.3	60.4	0.1	0.2%
91.4%	60.2	60.4	0.2	0.3%
92.6%	60.2	60.3	0.1	0.1%
93.8%	60.1	60.1	0.0	0.1%
95.1%	59.9	60.1	0.2	0.3%
96.3%	59.8	60.1	0.3	0.4%
97.5%	59.7	60.1	0.4	0.7%
98.8%	59.6	60.1	0.5	0.8%
100.0%	59.6	59.8	0.2	0.3%

September

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	67.8	66.9	-0.9	-1.3%
1.2%	66.9	66.3	-0.5	-0.8%
2.5%	66.8	65.8	-1.0	-1.5%
3.7%	66.8	65.6	-1.3	-1.9%
4.9%	66.7	65.3	-1.3	-2.0%
6.2%	66.5	65.0	-1.5	-2.3%
7.4%	65.9	64.8	-1.1	-1.6%
8.6%	65.3	64.4	-0.9	-1.4%
9.9%	64.8	64.2	-0.6	-0.9%
11.1%	64.4	63.9	-0.5	-0.8%
12.3%	64.3	63.8	-0.5	-0.8%
13.6%	64.2	63.5	-0.7	-1.1%
14.8%	64.1	63.2	-0.9	-1.3%
16.0%	64.0	63.1	-0.9	-1.5%
17.3%	63.3	63.1	-0.3	-0.4%
18.5%	63.2	63.0	-0.2	-0.4%
19.8%	63.2	62.5	-0.6	-1.0%
21.0%	63.0	62.5	-0.4	-0.7%
22.2%	62.8	62.5	-0.3	-0.5%
23.5%	62.8	62.5	-0.4	-0.6%
24.7%	62.6	62.4	-0.2	-0.3%
25.9%	62.6	62.4	-0.2	-0.3%
27.2%	62.6	62.3	-0.2	-0.3%
28.4%	62.4	62.3	-0.1	-0.2%
29.6%	62.4	62.1	-0.3	-0.5%
30.9%	62.4	62.1	-0.3	-0.5%
32.1%	62.3	62.1	-0.3	-0.4%
33.3%	62.3	61.9	-0.4	-0.7%
34.6%	62.2	61.9	-0.3	-0.5%
35.8%	62.1	61.8	-0.2	-0.4%
37.0%	62.1	61.8	-0.3	-0.5%
38.3%	62.0	61.7	-0.3	-0.5%
39.5%	62.0	61.6	-0.4	-0.7%
40.7%	61.8	61.3	-0.5	-0.8%
42.0%	61.7	61.2	-0.5	-0.8%
43.2%	61.6	61.2	-0.5	-0.8%
44.4%	61.5	61.1	-0.4	-0.6%
45.7%	61.5	61.1	-0.4	-0.6%
46.9%	61.5	61.0	-0.5	-0.7%
48.1%	61.4	61.0	-0.4	-0.7%
49.4%	61.4	60.9	-0.5	-0.8%
50.6%	61.4	60.9	-0.5	-0.8%
51.9%	61.2	60.9	-0.3	-0.5%
53.1%	61.0	60.8	-0.1	-0.2%
54.3%	60.9	60.8	-0.1	-0.2%
55.6%	60.8	60.8	-0.1	-0.2%
56.8%	60.7	60.7	0.0	0.1%
58.0%	60.7	60.7	0.1	0.1%
59.3%	60.6	60.6	0.1	0.1%
60.5%	60.6	60.6	0.1	0.1%
61.7%	60.6	60.6	0.1	0.1%
63.0%	60.5	60.5	0.0	0.1%
64.2%	60.4	60.4	0.0	0.0%
65.4%	60.3	60.4	0.1	0.2%
66.7%	60.1	60.3	0.2	0.4%
67.9%	60.0	60.0	0.0	0.0%
69.1%	59.9	60.0	0.0	0.1%
70.4%	59.8	59.9	0.1	0.2%
71.6%	59.6	59.9	0.3	0.4%
72.8%	59.6	59.8	0.2	0.3%
74.1%	59.5	59.7	0.1	0.2%
75.3%	59.3	59.6	0.3	0.5%
76.5%	59.2	59.5	0.3	0.5%
77.8%	59.2	59.5	0.3	0.5%
79.0%	59.2	59.1	0.0	-0.1%
80.2%	59.1	59.0	-0.1	-0.2%
81.5%	59.1	59.0	-0.1	-0.2%
82.7%	59.1	58.9	-0.2	-0.3%
84.0%	58.9	58.9	0.0	-0.1%
85.2%	58.8	58.9	0.0	0.0%
86.4%	58.8	58.9	0.0	0.1%
87.7%	58.8	58.9	0.1	0.1%
88.9%	58.7	58.8	0.1	0.1%
90.1%	58.7	58.7	0.0	-0.1%
91.4%	58.6	58.5	-0.2	-0.3%
92.6%	58.5	58.0	-0.6	-1.0%
93.8%	58.5	57.9	-0.5	-0.9%
95.1%	58.2	57.8	-0.3	-0.6%
96.3%	58.0	57.8	-0.2	-0.3%
97.5%	57.3	56.9	-0.4	-0.7%
98.8%	57.0	56.9	-0.1	-0.2%
100.0%	56.8	56.7	-0.1	-0.2%

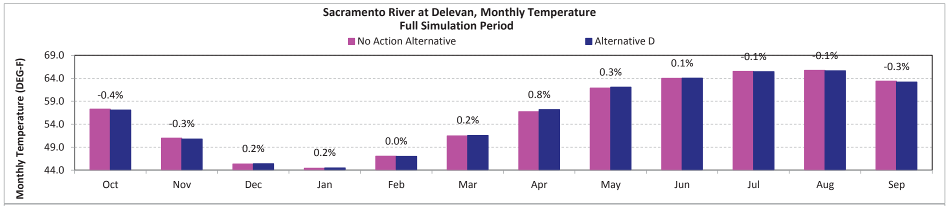
Table SQ-09-9a
Sacramento River at Delevan, Monthly Temperature
Long-term Average and Average by Water Year Type

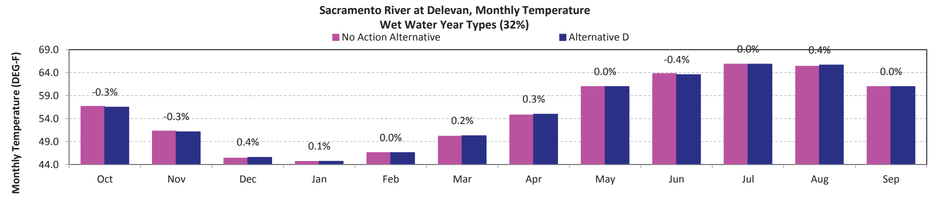
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	57.3	51.0	45.3	44.4	47.0	51.4	56.7	61.9	64.0	65.5	65.7	63.4
Alternative D	57.1	50.8	45.4	44.5	47.0	51.5	57.2	62.1	64.0	65.4	65.6	63.2
Difference	-0.2	-0.2	0.1	0.1	0.0	0.1	0.5	0.2	0.0	0.0	-0.1	-0.2
Percent Difference[3]	-0.4%	-0.3%	0.2%	0.2%	0.0%	0.2%	0.8%	0.3%	0.1%	-0.1%	-0.1%	-0.3%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	56.6	51.3	45.4	44.7	46.6	50.2	54.8	61.0	63.8	65.9	65.4	60.9
Alternative D	56.5	51.1	45.6	44.7	46.6	50.2	54.9	61.0	63.6	65.8	65.6	60.9
Difference	-0.2	-0.2	0.2	0.0	0.0	0.1	0.2	0.0	-0.2	0.0	0.3	0.0
Percent Difference	-0.3%	-0.3%	0.4%	0.1%	0.0%	0.2%	0.3%	0.0%	-0.4%	0.0%	0.4%	0.0%
Above Normal (15%)												
No Action Alternative	56.8	50.6	45.7	44.8	46.9	51.3	56.8	62.7	64.0	64.7	65.5	62.8
Alternative D	56.7	50.5	45.8	44.8	46.9	51.4	57.1	62.7	64.1	64.5	65.7	62.9
Difference	-0.1	-0.1	0.1	0.0	0.0	0.1	0.4	0.0	0.1	-0.2	0.2	0.0
Percent Difference	-0.2%	-0.1%	0.3%	0.1%	0.0%	0.2%	0.7%	0.0%	0.1%	-0.2%	0.4%	0.0%
Below Normal (17%)												
No Action Alternative	56.6	50.7	45.5	44.2	46.5	51.5	57.6	62.3	63.7	65.0	65.2	64.1
Alternative D	56.3	50.6	45.5	44.2	46.5	51.6	58.2	62.7	63.8	64.8	65.3	63.8
Difference	-0.3	-0.1	0.0	0.0	0.0	0.2	0.7	0.4	0.1	-0.2	0.1	-0.3
Percent Difference	-0.5%	-0.2%	0.0%	0.0%	0.0%	0.3%	1.1%	0.6%	0.1%	-0.3%	0.1%	-0.5%
Dry (22%)												
No Action Alternative	57.6	51.2	45.3	44.1	47.3	52.2	58.1	62.0	64.2	64.9	65.4	64.7
Alternative D	57.4	50.9	45.3	44.3	47.2	52.3	58.7	62.2	64.6	65.1	65.3	64.5
Difference	-0.2	-0.3	0.0	0.2	-0.1	0.1	0.6	0.2	0.4	0.2	-0.1	-0.3
Percent Difference	-0.3%	-0.5%	-0.1%	0.4%	-0.2%	0.2%	1.0%	0.2%	0.6%	0.3%	-0.1%	-0.4%
Critical (15%)												
No Action Alternative	59.6	50.7	44.7	44.3	48.2	53.1	57.8	62.3	64.3	66.8	67.8	66.2
Alternative D	59.2	50.5	44.7	44.4	48.3	53.2	58.5	63.0	64.4	66.6	66.4	65.6
Difference	-0.3	-0.2	0.0	0.1	0.0	0.1	0.7	0.7	0.1	-0.2	-1.4	-0.7
Percent Difference	-0.6%	-0.4%	0.1%	0.3%	0.1%	0.2%	1.3%	1.1%	0.1%	-0.2%	-2.1%	-1.0%

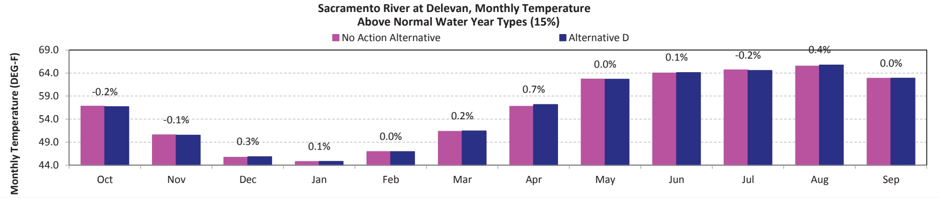
1 Based on the 82-year simulation period

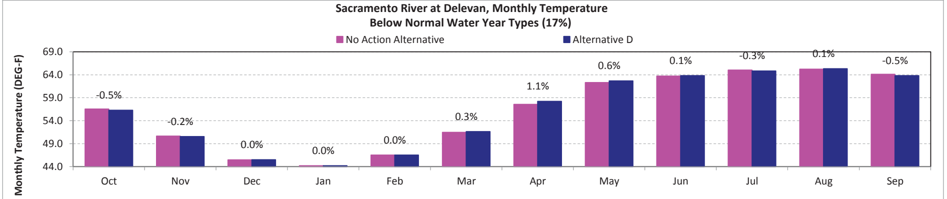
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

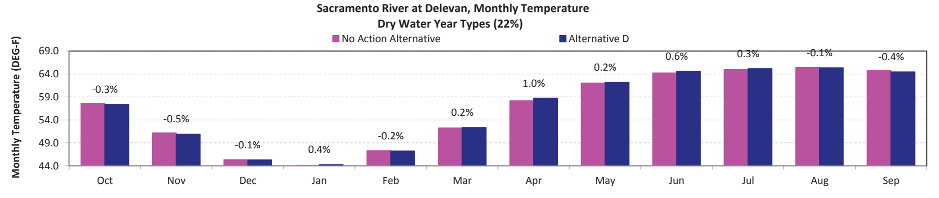
3 Relative difference of the monthly average


Sacramento River at Delevan, Monthly Temperature
Full Simulation Period


Sacramento River at Delevan, Monthly Temperature
Wet Water Year Types (32%)


Sacramento River at Delevan, Monthly Temperature
Above Normal Water Year Types (15%)


Sacramento River at Delevan, Monthly Temperature
Below Normal Water Year Types (17%)


Sacramento River at Delevan, Monthly Temperature
Dry Water Year Types (22%)

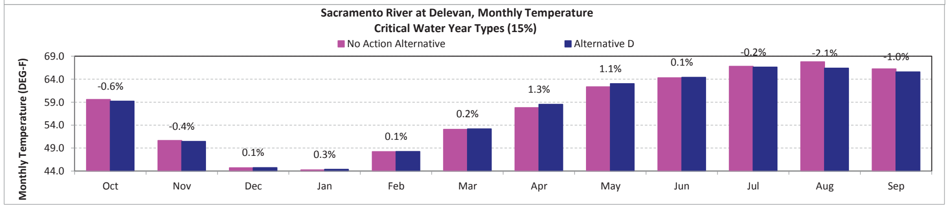

Sacramento River at Delevan, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-09-9b
Sacramento River at Delevan, Monthly Temperature
Probability of Exceedance

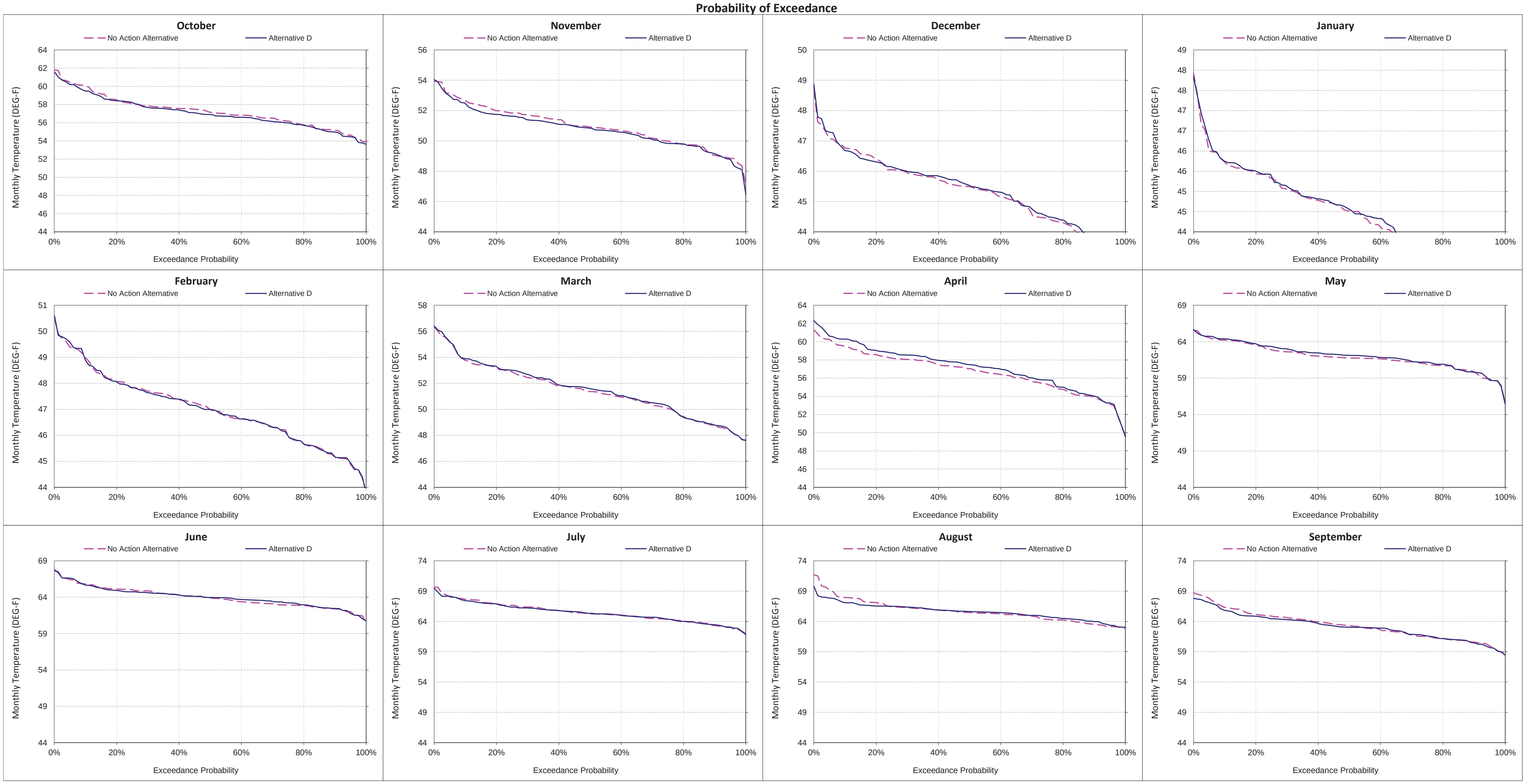


Table SQ-09-9b

Sacramento River at Delevan, Monthly Temperature
Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	61.8	61.6	-0.2	-0.3%
1.2%	61.8	61.0	-0.7	-1.2%
2.5%	60.7	60.7	0.0	-0.1%
3.7%	60.7	60.5	-0.2	-0.3%
4.9%	60.5	60.2	-0.2	-0.4%
6.2%	60.3	60.2	-0.2	-0.3%
7.4%	60.2	59.9	-0.3	-0.4%
8.6%	60.2	59.7	-0.5	-0.8%
9.9%	60.1	59.5	-0.6	-1.0%
11.1%	59.9	59.5	-0.4	-0.7%
12.3%	59.4	59.2	-0.2	-0.3%
13.6%	59.3	59.1	-0.2	-0.4%
14.8%	59.2	58.9	-0.3	-0.4%
16.0%	59.1	58.6	-0.5	-0.9%
17.3%	58.6	58.6	0.0	-0.1%
18.5%	58.6	58.4	-0.1	-0.2%
19.8%	58.6	58.4	-0.1	-0.2%
21.0%	58.3	58.4	0.1	0.1%
22.2%	58.3	58.4	0.1	0.2%
23.5%	58.2	58.3	0.1	0.2%
24.7%	58.1	58.3	0.1	0.2%
25.9%	58.0	58.1	0.0	0.1%
27.2%	58.0	58.0	0.0	0.1%
28.4%	57.9	57.8	-0.1	-0.2%
29.6%	57.9	57.7	-0.2	-0.3%
30.9%	57.8	57.6	-0.2	-0.3%
32.1%	57.8	57.6	-0.2	-0.3%
33.3%	57.7	57.6	-0.1	-0.2%
34.6%	57.7	57.6	-0.2	-0.3%
35.8%	57.7	57.5	-0.2	-0.3%
37.0%	57.6	57.5	-0.2	-0.3%
38.3%	57.6	57.4	-0.2	-0.3%
39.5%	57.6	57.4	-0.2	-0.3%
40.7%	57.6	57.3	-0.2	-0.4%
42.0%	57.6	57.3	-0.3	-0.5%
43.2%	57.5	57.1	-0.4	-0.7%
44.4%	57.5	57.1	-0.4	-0.7%
45.7%	57.5	57.1	-0.4	-0.7%
46.9%	57.4	57.0	-0.5	-0.8%
48.1%	57.4	56.9	-0.4	-0.8%
49.4%	57.2	56.9	-0.3	-0.5%
50.6%	57.1	56.9	-0.2	-0.4%
51.9%	57.1	56.7	-0.3	-0.6%
53.1%	57.0	56.7	-0.3	-0.5%
54.3%	57.0	56.7	-0.3	-0.5%
55.6%	57.0	56.7	-0.3	-0.5%
56.8%	56.9	56.7	-0.2	-0.3%
58.0%	56.8	56.6	-0.2	-0.4%
59.3%	56.8	56.6	-0.2	-0.4%
60.5%	56.8	56.6	-0.2	-0.4%
61.7%	56.8	56.6	-0.2	-0.4%
63.0%	56.8	56.6	-0.2	-0.4%
64.2%	56.7	56.5	-0.2	-0.4%
65.4%	56.6	56.4	-0.2	-0.4%
66.7%	56.5	56.3	-0.3	-0.5%
67.9%	56.5	56.2	-0.3	-0.5%
69.1%	56.5	56.2	-0.3	-0.6%
70.4%	56.5	56.1	-0.4	-0.7%
71.6%	56.3	56.1	-0.3	-0.4%
72.8%	56.3	56.1	-0.2	-0.4%
74.1%	56.2	56.0	-0.2	-0.4%
75.3%	56.2	56.0	-0.2	-0.4%
76.5%	56.0	55.9	-0.2	-0.3%
77.8%	55.9	55.8	-0.1	-0.2%
79.0%	55.8	55.8	0.0	0.0%
80.2%	55.7	55.7	-0.1	-0.1%
81.5%	55.7	55.6	-0.1	-0.2%
82.7%	55.7	55.5	-0.2	-0.4%
84.0%	55.3	55.4	0.0	0.1%
85.2%	55.3	55.3	0.0	0.0%
86.4%	55.3	55.2	-0.1	-0.2%
87.7%	55.2	55.0	-0.2	-0.4%
88.9%	55.2	55.0	-0.2	-0.4%
90.1%	55.2	55.0	-0.2	-0.4%
91.4%	55.1	54.9	-0.2	-0.4%
92.6%	54.8	54.5	-0.2	-0.5%
93.8%	54.6	54.5	-0.2	-0.3%
95.1%	54.6	54.5	-0.2	-0.3%
96.3%	54.4	54.4	0.0	0.0%
97.5%	54.3	53.8	-0.5	-0.8%
98.8%	53.9	53.8	-0.2	-0.3%
100.0%	53.9	53.6	0.0	-0.5%

November				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.9	54.0	0.1	0.2%
1.2%	53.9	53.9	0.0	0.0%
2.5%	53.9	53.5	-0.4	-0.7%
3.7%	53.2	53.1	0.0	0.0%
4.9%	53.1	53.0	-0.2	-0.3%
6.2%	53.0	52.7	-0.3	-0.6%
7.4%	52.9	52.7	-0.2	-0.3%
8.6%	52.8	52.5	-0.2	-0.5%
9.9%	52.7	52.5	-0.2	-0.3%
11.1%	52.5	52.2	-0.3	-0.5%
12.3%	52.5	52.1	-0.4	-0.7%
13.6%	52.4	52.0	-0.4	-0.8%
14.8%	52.4	51.9	-0.4	-0.8%
16.0%	52.3	51.8	-0.4	-0.9%
17.3%	52.2	51.8	-0.4	-0.8%
18.5%	52.1	51.8	-0.3	-0.6%
19.8%	52.0	51.8	-0.2	-0.5%
21.0%	52.0	51.8	-0.2	-0.5%
22.2%	51.9	51.7	-0.3	-0.5%
23.5%	51.9	51.7	-0.2	-0.4%
24.7%	51.8	51.6	-0.2	-0.4%
25.9%	51.8	51.6	-0.2	-0.4%
27.2%	51.8	51.6	-0.3	-0.5%
28.4%	51.7	51.6	-0.2	-0.4%
29.6%	51.7	51.4	-0.3	-0.6%
30.9%	51.7	51.4	-0.3	-0.6%
32.1%	51.6	51.4	-0.3	-0.6%
33.3%	51.6	51.3	-0.3	-0.6%
34.6%	51.5	51.3	-0.2	-0.4%
35.8%	51.5	51.3	-0.3	-0.5%
37.0%	51.5	51.2	-0.2	-0.5%
38.3%	51.4	51.2	-0.3	-0.5%
39.5%	51.4	51.1	-0.3	-0.6%
40.7%	51.4	51.1	-0.3	-0.6%
42.0%	51.2	51.1	-0.1	-0.2%
43.2%	51.1	51.1	0.0	0.0%
44.4%	51.0	51.0	0.0	-0.1%
45.7%	51.0	50.9	-0.1	-0.1%
46.9%	51.0	50.9	-0.1	-0.1%
48.1%	51.0	50.9	-0.1	-0.2%
49.4%	50.9	50.9	-0.1	-0.2%
50.6%	50.9	50.8	-0.1	-0.1%
51.9%	50.9	50.7	-0.1	-0.3%
53.1%	50.9	50.7	-0.2	-0.3%
54.3%	50.8	50.7	-0.1	-0.2%
55.6%	50.8	50.7	-0.1	-0.2%
56.8%	50.8	50.6	-0.1	-0.2%
58.0%	50.7	50.6	-0.1	-0.2%
59.3%	50.7	50.6	-0.1	-0.3%
60.5%	50.7	50.6	-0.1	-0.2%
61.7%	50.6	50.5	-0.1	-0.2%
63.0%	50.6	50.5	-0.1	-0.2%
64.2%	50.5	50.4	-0.1	-0.2%
65.4%	50.5	50.4	-0.2	-0.3%
66.7%	50.4	50.2	-0.2	-0.4%
67.9%	50.4	50.2	-0.2	-0.5%
69.1%	50.2	50.2	0.0	-0.1%
70.4%	50.2	50.1	-0.1	-0.2%
71.6%	50.1	50.1	-0.1	-0.2%
72.8%	50.0	49.9	-0.1	-0.3%
74.1%	50.0	49.9	-0.2	-0.3%
75.3%	50.0	49.8	-0.1	-0.3%
76.5%	49.9	49.8	-0.1	-0.1%
77.8%	49.9	49.8	0.0	-0.1%
79.0%	49.8	49.8	0.0	0.0%
80.2%	49.8	49.8	0.0	0.0%
81.5%	49.7	49.7	0.0	-0.1%
82.7%	49.7	49.7	0.0	-0.1%
84.0%	49.7	49.6	-0.1	-0.2%
85.2%	49.7	49.6	0.0	-0.1%
86.4%	49.6	49.4	-0.2	-0.4%
87.7%	49.3	49.3	0.0	-0.1%
88.9%	49.1	49.2	0.1	0.3%
90.1%	49.1	49.1	0.1	0.2%
91.4%	49.0	49.1	0.1	0.1%
92.6%	49.0	48.9	-0.1	-0.1%
93.8%	48.9	48.8	-0.1	-0.2%
95.1%	48.8	48.8	-0.1	-0.1%
96.3%	48.8	48.3	-0.5	-1.0%
97.5%	48.5	48.2	-0.3	-0.7%
98.8%	48.4	48.1	-0.2	-0.5%
100.0%	47.1	46.5	-0.7	-1.4%

December				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	48.7	48.9	0.2	0.4%
1.2%	47.6	47.8	0.2	0.3%
2.5%	47.5	47.7	0.2	0.4%
3.7%	47.3	47.3	0.0	0.1%
4.9%	47.1	47.3	0.2	0.5%
6.2%	47.1	47.3	0.2	0.5%
7.4%	46.9	47.0	0.0	0.0%
8.6%	46.9	46.8	-0.1	-0.2%
9.9%	46.8	46.7	-0.1	-0.2%
11.1%	46.7	46.7	-0.1	-0.2%
12.3%	46.7	46.6	-0.1	-0.2%
13.6%	46.7	46.5	-0.2	-0.4%
14.8%	46.6	46.4	-0.2	-0.3%
16.0%	46.5	46.4	-0.1	-0.3%
17.3%	46.5	46.4	-0.2	-0.4%
18.5%	46.5	46.3	-0.2	-0.3%
19.8%	46.4	46.3	-0.1	-0.2%
21.0%	46.4	46.3	-0.1	-0.2%
22.2%	46.2	46.2	0.0	0.0%
23.5%	46.1	46.2	0.1	0.2%
24.7%	46.0	46.2	0.1	0.2%
25.9%	46.0	46.1	0.1	0.1%
27.2%	46.0	46.1	0.0	0.1%
28.4%	46.0	46.0	0.0	0.1%
29.6%	46.0	46.0	0.0	0.1%
30.9%	45.9	46.0	0.1	0.1%
32.1%	45.9	46.0	0.1	0.1%
33.3%	45.9	46.0	0.1	0.2%
34.6%	45.9	45.9	0.1	0.1%
35.8%	45.8	45.9	0.0	0.1%
37.0%	45.8	45.9	0.0	0.1%
38.3%	45.8	45.9	0.0	0.1%
39.5%	45.8	45.9	0.1	0.2%
40.7%	45.7	45.8	0.1	0.3%
42.0%	45.7	45.8	0.1	0.3%
43.2%	45.6	45.7	0.2	0.3%
44.4%	45.6	45.7	0.2	0.3%
45.7%	45.5	45.7	0.2	0.4%
46.9%	45.5	45.6	0.1	0.3%
48.1%	45.5	45.6	0.1	0.2%
49.4%	45.5	45.6	0.1	0.1%
50.6%	45.5	45.5	0.0	0.0%
51.9%	45.4	45.5	0.1	0.1%
53.1%	45.4	45.4	0.0	0.1%
54.3%	45.4	45.4	0.0	0.1%
55.6%	45.4	45.4	0.0	0.1%
56.8%	45.3	45.4	0.0	0.1%
58.0%	45.3	45.3	0.1	0.1%
59.3%	45.2	45.3	0.1	0.3%
60.5%	45.2	45.3	0.1	0.3%
61.7%	45.1	45.2	0.1	0.3%
63.0%	45.1	45.2	0.1	0.3%
64.2%	45.0	45.0	0.0	-0.1%
65.4%	45.0	45.0	0.0	0.0%
66.7%	44.9	44.9	-0.1	-0.1%
67.9%	44.8	44.8	0.0	0.0%
69.1%	44.7	44.8	0.1	0.2%
70.4%	44.5	44.7	0.2	0.5%
71.6%	44.5	44.6	0.1	0.3%
72.8%	44.5	44.6	0.1	0.3%
74.1%	44.5	44.6	0.1	0.2%
75.3%	44.4	44.5	0.1	0.1%
76.5%	44.4	44.5	0.1	0.2%
77.8%	44.3	44.4	0.1	0.2%
79.0%	44.3	44.4	0.1	0.2%
80.2%	44.3	44.4	0.1	0.2%
81.5%	44.2	44.3	0.0	0.1%
82.7%	44.2	44.3	0.1	0.2%
84.0%	44.0	44.2	0.2	0.5%
85.2%	44.0	44.1	0.2	0.4%
86.4%	43.8	44.0	0.1	0.3%
87.7%	43.8	43.9	0.1	0.2%
88.9%	43.7	43.9	0.2	0.4%
90.1%	43.6	43.8	0.3	0.6%
91.4%	43.5	43.8	0.3	0.7%
92.6%	43.5	43.8	0.3	0.8%
93.8%	43.4	43.7	0.3	0.7%
95.1%	43.4	43.6	0.2	0.5%
96.3%	43.4	43.6	0.2	0.4%
97.5%	43.2	43.6	0.4	0.9%
98.8%	43.0	42.6	-0.4	-1.0%
100.0%	41.6	41.7	0.1	0.3%

January				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.9	47.8	-0.1	-0.2%
1.2%	47.4	47.4	0.0	-0.1%
2.5%	46.7	46.9	0.3	0.6%
3.7%	46.5	46.6	0.1	0.2%
4.9%	46.0	46.3	0.3	0.6%
6.2%	46.0	46.0	0.0	0.1%
7.4%	46.0	46.0	0.0	0.0%
8.6%	45.8	45.8	0.0	0.0%
9.9%	45.7	45.7	0.0	0.0%
11.1%	45.6	45.7	0.1	0.2%
12.3%	45.6	45.7	0.1	0.2%
13.6%	45.6	45.7	0.1	0.3%
14.8%	45.6	45.6	0.1	0.1%
16.0%	45.6	45.6	0.0	0.0%
17.3%	45.5	45.5	0.0	0.0%
18.5%	45.5	45.5	0.0	0.0%
19.8%	45.4	45.5	0.1	0.2%
21.0%	45.4	45.5	0.0	0.1%
22.2%	45.4	45.4	0.0	0.0%
23.5%	45.4	45.4	0.0	0.0%
24.7%	45.3	45.4	0.1	0.2%
25.9%	45.3	45.2	-0.1	-0.1%
27.2%	45.2	45.2	0.0	0.0%
28.4%	45.1	45.2	0.1	0.2%
29.6%	45.1	45.1	0.1	0.2%
30.9%	45.0	45.1	0.1	0.1%
32.1%	45.0	45.0	0.0	0.0%
33.3%	45.0	45.0	0.0	0.1%
34.6%	44.9	44.9	0.0	0.0%
35.8%	44.9	44.9	0.0	0.0%
37.0%	44.8	44.9	0.0	0.1%
38.3%	44.8	44.8	0.0	0.1%
39.5%	44.8	44.8	0.0	0.1%
40.7%	44.8	44.8	0.0	0.1%
42.0%	44.7	44.8	0.1	0.1%
43.2%	44.7	44.8	0.1	0.1%
44.4%	44.7	44.7	0.0	0.0%
45.7%	44.7	44.7	0.0	0.0%
46.9%	44.6	44.7	0.0	0.0%
48.1%	44.6	44.6	0.1	0.2%
49.4%	44.5	44.6	0.1	0.1%
50.6%	44.5	44.5	0.0	0.0%
51.9%	44.5	44.4	-0.1	-0.1%
53.1%	44.5	44.4	-0.1	-0.1%
54.3%	44.4	44.4	0.1	0.2%
55.6%	44.3	44.4	0.1	0.1%
56.8%	44.2	44.4	0.2	0.4%
58.0%	44.2	44.3	0.2	0.4%
59.3%	44.2	44.3	0.2	0.3%
60.5%	44.1	44.3	0.2	0.6%
61.7%	44.1	44.2	0.1	0.3%
63.0%	44.0	44.2	0.1	0.3%
64.2%	44.0	44.1	0.2	0.4%
65.4%	43.9	43.9	0.0	-0.1%
66.7%	43.9	43.8	-0.1	-0.1%
67.9%	43.9	43.8	-0.1	-0.2%
69.1%	43.8	43.8	0.0	0.0%
70.4%	43.7	43.7	0.1	0.2%
71.6%	43.6	43.7	0.1	0.2%
72.8%	43.5	43.7	0.2	0.4%
74.1%	43.5	43.6	0.1	0.2%
75.3%	43.5	43.6	0.1	0.2%
76.5%	43.4	43.6	0.2	0.4%
77.8%	43.4	43.6	0.2	0.5%
79.0%	43.3	43.6	0.2	0.5%
80.2%	43.3	43.5	0.3	0.6%
81.5%	43.2	43.5	0.2	0.5%
82.7%	43.2	43.4	0.2	0.5%
84.0%	43.1	43.3	0.2	0.5%
85.2%	43.1	43.2	0.1	0.2%
86.4%	43.1	43.2	0.1	0.3%
87.7%	43.1	43.2	0.1	0.2%
88.9%	43.0	43.1	0.1	0.2%
90.1%	42.8	42.9	0.1	0.3%
91.4%	42.8	42.8	0.1	0.2%
92.6%	42.7	42.7	0.0	0.0%
93.8%	42.7	42.7	-0.1	-0.1%
95.1%	42.7	42.7	0.0	0.0%
96.3%	42.4	42.5	0.1	0.2%
97.5%	42.2	42.1	-0.1	-0.2%
98.8%	41.8	42.0	0.1	0.3%
100.0%	41.5	41.8	0.3	0.8%

Table SQ-09-9b

Sacramento River at Delevan, Monthly Temperature

Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.5	50.6	0.1	0.2%
1.2%	49.9	49.8	-0.1	-0.1%
2.5%	49.7	49.8	0.1	0.2%
3.7%	49.6	49.7	0.1	0.2%
4.9%	49.4	49.6	0.2	0.4%
6.2%	49.3	49.4	0.0	0.1%
7.4%	49.3	49.3	0.0	0.0%
8.6%	49.2	49.3	0.1	0.3%
9.9%	49.0	48.9	-0.1	-0.2%
11.1%	48.8	48.7	-0.1	-0.3%
12.3%	48.6	48.7	0.1	0.2%
13.6%	48.4	48.5	0.1	0.2%
14.8%	48.4	48.5	0.1	0.2%
16.0%	48.3	48.2	-0.1	-0.2%
17.3%	48.2	48.2	0.0	0.0%
18.5%	48.2	48.1	-0.1	-0.2%
19.8%	48.1	48.1	0.0	0.0%
21.0%	48.1	48.0	-0.1	-0.2%
22.2%	48.0	48.0	-0.1	-0.2%
23.5%	47.9	47.9	0.0	0.0%
24.7%	47.8	47.8	0.0	0.0%
25.9%	47.8	47.8	0.0	0.0%
27.2%	47.8	47.8	-0.1	-0.1%
28.4%	47.8	47.7	-0.1	-0.1%
29.6%	47.7	47.6	-0.1	-0.1%
30.9%	47.7	47.6	-0.1	-0.1%
32.1%	47.6	47.6	-0.1	-0.1%
33.3%	47.6	47.5	-0.1	-0.2%
34.6%	47.6	47.5	-0.1	-0.2%
35.8%	47.6	47.5	-0.1	-0.2%
37.0%	47.5	47.4	-0.1	-0.2%
38.3%	47.4	47.4	0.0	0.0%
39.5%	47.4	47.4	0.0	0.0%
40.7%	47.3	47.4	0.0	0.1%
42.0%	47.3	47.3	-0.1	-0.1%
43.2%	47.3	47.2	-0.1	-0.3%
44.4%	47.3	47.2	-0.1	-0.2%
45.7%	47.2	47.1	-0.1	-0.2%
46.9%	47.2	47.1	-0.1	-0.2%
48.1%	47.2	47.0	-0.2	-0.4%
49.4%	47.0	47.0	0.0	-0.1%
50.6%	47.0	47.0	0.0	0.1%
51.9%	47.0	46.9	0.0	0.0%
53.1%	46.9	46.8	-0.1	-0.2%
54.3%	46.8	46.8	0.0	0.1%
55.6%	46.7	46.8	0.1	0.1%
56.8%	46.7	46.7	0.1	0.1%
58.0%	46.6	46.7	0.1	0.2%
59.3%	46.6	46.6	0.0	0.0%
60.5%	46.6	46.6	0.0	0.0%
61.7%	46.6	46.6	0.0	0.0%
63.0%	46.6	46.6	0.0	0.0%
64.2%	46.6	46.6	0.0	0.0%
65.4%	46.5	46.5	0.0	0.0%
66.7%	46.5	46.5	0.0	0.0%
67.9%	46.4	46.4	0.0	0.0%
69.1%	46.3	46.4	0.0	0.1%
70.4%	46.3	46.3	0.0	0.0%
71.6%	46.3	46.3	0.0	0.0%
72.8%	46.2	46.2	0.0	-0.1%
74.1%	46.2	46.1	-0.1	-0.2%
75.3%	45.9	45.9	0.0	0.0%
76.5%	45.8	45.9	0.0	0.1%
77.8%	45.8	45.8	0.0	0.0%
79.0%	45.8	45.8	0.0	0.0%
80.2%	45.7	45.6	0.0	0.0%
81.5%	45.6	45.6	0.0	0.1%
82.7%	45.6	45.6	0.0	0.1%
84.0%	45.6	45.5	0.0	-0.1%
85.2%	45.5	45.5	-0.1	-0.1%
86.4%	45.4	45.4	0.0	-0.1%
87.7%	45.3	45.3	0.0	0.1%
88.9%	45.3	45.3	0.0	0.1%
90.1%	45.1	45.1	0.0	0.0%
91.4%	45.1	45.1	0.0	0.0%
92.6%	45.1	45.1	0.0	0.1%
93.8%	45.1	45.1	0.0	0.1%
95.1%	44.9	44.9	0.1	0.1%
96.3%	44.7	44.7	0.0	0.1%
97.5%	44.6	44.7	0.0	0.1%
98.8%	44.4	44.4	0.0	0.0%
100.0%	43.8	43.8	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.4	56.4	0.1	0.1%
1.2%	56.0	56.1	0.1	0.2%
2.5%	55.6	56.0	0.3	0.6%
3.7%	55.6	55.5	0.0	-0.1%
4.9%	55.2	55.2	0.0	-0.1%
6.2%	54.9	55.0	0.1	0.2%
7.4%	54.4	54.3	-0.1	-0.2%
8.6%	54.0	54.0	0.0	0.0%
9.9%	53.8	53.9	0.1	0.2%
11.1%	53.7	53.9	0.2	0.3%
12.3%	53.5	53.8	0.3	0.5%
13.6%	53.4	53.7	0.3	0.5%
14.8%	53.4	53.5	0.1	0.2%
16.0%	53.4	53.5	0.1	0.1%
17.3%	53.4	53.4	0.0	0.0%
18.5%	53.3	53.3	0.0	0.1%
19.8%	53.3	53.3	0.1	0.1%
21.0%	53.1	53.1	0.0	0.1%
22.2%	53.0	53.1	0.0	0.0%
23.5%	52.9	53.0	0.1	0.2%
24.7%	52.9	53.0	0.1	0.2%
25.9%	52.8	53.0	0.2	0.4%
27.2%	52.6	52.9	0.3	0.5%
28.4%	52.6	52.8	0.2	0.4%
29.6%	52.5	52.7	0.2	0.5%
30.9%	52.4	52.6	0.2	0.4%
32.1%	52.4	52.5	0.1	0.2%
33.3%	52.3	52.4	0.1	0.2%
34.6%	52.3	52.4	0.1	0.3%
35.8%	52.3	52.3	0.1	0.1%
37.0%	52.1	52.3	0.2	0.5%
38.3%	51.9	52.1	0.2	0.4%
39.5%	51.8	51.9	0.1	0.2%
40.7%	51.8	51.8	0.0	0.1%
42.0%	51.8	51.8	0.0	0.0%
43.2%	51.7	51.8	0.0	0.1%
44.4%	51.7	51.8	0.1	0.1%
45.7%	51.6	51.8	0.1	0.2%
46.9%	51.6	51.7	0.1	0.3%
48.1%	51.5	51.7	0.2	0.4%
49.4%	51.4	51.6	0.3	0.5%
50.6%	51.4	51.6	0.2	0.4%
51.9%	51.4	51.5	0.1	0.3%
53.1%	51.3	51.5	0.2	0.3%
54.3%	51.2	51.4	0.2	0.5%
55.6%	51.1	51.4	0.2	0.5%
56.8%	51.1	51.4	0.3	0.5%
58.0%	51.0	51.1	0.1	0.2%
59.3%	51.0	51.0	0.1	0.1%
60.5%	50.9	51.0	0.1	0.2%
61.7%	50.9	51.0	0.1	0.1%
63.0%	50.9	50.9	0.0	0.0%
64.2%	50.7	50.8	0.1	0.2%
65.4%	50.7	50.7	0.1	0.1%
66.7%	50.6	50.6	0.0	0.1%
67.9%	50.5	50.6	0.1	0.3%
69.1%	50.5	50.5	0.1	0.1%
70.4%	50.3	50.5	0.2	0.4%
71.6%	50.3	50.5	0.2	0.3%
72.8%	50.2	50.4	0.2	0.4%
74.1%	50.2	50.4	0.2	0.3%
75.3%	50.0	50.2	0.2	0.4%
76.5%	50.0	50.0	0.0	0.1%
77.8%	49.7	49.8	0.0	0.1%
79.0%	49.5	49.5	0.0	0.0%
80.2%	49.4	49.4	-0.1	-0.1%
81.5%	49.2	49.3	0.0	0.1%
82.7%	49.2	49.2	0.0	0.0%
84.0%	49.1	49.1	0.0	-0.1%
85.2%	49.0	49.1	0.0	0.1%
86.4%	48.9	49.0	0.1	0.2%
87.7%	48.9	48.9	0.0	0.0%
88.9%	48.8	48.9	0.1	0.2%
90.1%	48.7	48.8	0.0	0.1%
91.4%	48.6	48.7	0.1	0.2%
92.6%	48.6	48.7	0.1	0.2%
93.8%	48.5	48.6	0.1	0.3%
95.1%	48.3	48.3	0.0	0.0%
96.3%	48.1	48.1	0.0	0.0%
97.5%	48.0	48.0	0.0	0.0%
98.8%	47.7	47.7	0.0	0.0%
100.0%	47.6	47.6	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	61.3	62.3	1.0	1.7%
1.2%	60.9	61.9	1.0	1.6%
2.5%	60.4	61.6	1.2	2.0%
3.7%	60.3	61.1	0.8	1.4%
4.9%	60.3	60.6	0.4	0.6%
6.2%	60.0	60.6	0.5	0.9%
7.4%	59.7	60.4	0.7	1.2%
8.6%	59.6	60.3	0.7	1.2%
9.9%	59.5	60.3	0.8	1.3%
11.1%	59.4	60.3	0.8	1.4%
12.3%	59.2	60.1	0.9	1.5%
13.6%	59.1	60.1	0.9	1.6%
14.8%	59.1	59.8	0.7	1.2%
16.0%	58.7	59.7	1.0	1.6%
17.3%	58.6	59.2	0.5	0.9%
18.5%	58.6	59.1	0.5	0.8%
19.8%	58.6	59.1	0.5	0.8%
21.0%	58.5	59.0	0.5	0.8%
22.2%	58.4	58.9	0.5	0.9%
23.5%	58.3	58.9	0.6	1.0%
24.7%	58.2	58.8	0.6	1.0%
25.9%	58.1	58.7	0.6	1.0%
27.2%	58.1	58.6	0.4	0.7%
28.4%	58.1	58.5	0.5	0.8%
29.6%	58.1	58.5	0.5	0.8%
30.9%	58.1	58.5	0.5	0.8%
32.1%	58.0	58.5	0.5	0.8%
33.3%	58.0	58.5	0.5	0.9%
34.6%	57.9	58.4	0.4	0.8%
35.8%	57.9	58.4	0.5	0.9%
37.0%	57.9	58.2	0.3	0.5%
38.3%	57.7	58.0	0.3	0.6%
39.5%	57.5	58.0	0.5	0.8%
40.7%	57.4	57.9	0.5	0.9%
42.0%	57.4	57.9	0.5	0.9%
43.2%	57.4	57.8	0.4	0.8%
44.4%	57.3	57.8	0.5	0.8%
45.7%	57.2	57.8	0.5	0.9%
46.9%	57.2	57.7	0.5	0.8%
48.1%	57.2	57.6	0.4	0.7%
49.4%	57.0	57.5	0.5	0.8%
50.6%	57.0	57.5	0.5	0.8%
51.9%	56.8	57.4	0.6	1.1%
53.1%	56.8	57.3	0.5	0.8%
54.3%	56.7	57.2	0.5	0.9%
55.6%	56.6	57.2	0.6	1.0%
56.8%	56.5	57.2	0.6	1.1%
58.0%	56.5	57.1	0.6	1.0%
59.3%	56.4	57.0	0.6	1.1%
60.5%	56.4	57.0	0.6	1.0%
61.7%	56.3	56.9	0.6	1.1%
63.0%	56.3	56.7	0.4	0.8%
64.2%	56.1	56.4	0.4	0.7%
65.4%	56.0	56.4	0.3	0.6%
66.7%	56.0	56.3	0.3	0.5%
67.9%	55.9	56.3	0.4	0.7%
69.1%	55.8	56.0	0.2	0.4%
70.4%	55.6	56.0	0.4	0.8%
71.6%	55.6	55.9	0.3	0.5%
72.8%	55.5	55.8	0.4	0.7%
74.1%	55.4	55.8	0.4	0.7%
75.3%	55.3	55.8	0.5	0.9%
76.5%	55.1	55.8	0.6	1.1%
77.8%	54.8	55.1	0.3	0.5%
79.0%	54.8	55.0	0.2	0.3%
80.2%	54.7	55.0	0.3	0.5%
81.5%	54.5	54.7	0.2	0.4%
82.7%	54.3	54.7	0.3	0.6%
84.0%	54.2	54.6	0.4	0.8%
85.2%	54.1	54.3	0.2	0.4%
86.4%	54.1	54.3	0.2	0.4%
87.7%	54.0	54.2	0.2	0.3%
88.9%	54.0	54.1	0.1	0.2%
90.1%	53.9	54.0	0.1	0.3%
91.4%	53.7	53.9	0.2	0.4%
92.6%	53.5	53.5	0.0	0.0%
93.8%	53.3	53.3	0.0	0.0%
95.1%	53.1	53.3	0.1	0.3%
96.3%	52.9	53.1	0.1	0.3%
97.5%	51.9	51.9	0.0	0.0%
98.8%	50.8	50.8	0.0	0.0%
100.0%	49.5	49.5	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.6	65.7	0.1	0.2%
1.2%	65.5	65.2	-0.3	-0.5%
2.5%	64.9	64.9	0.0	0.0%
3.7%	64.7	64.8	0.0	0.1%
4.9%	64.6	64.8	0.2	0.3%
6.2%	64.4	64.7	0.3	0.5%
7.4%	64.4	64.5	0.1	0.2%
8.6%	64.2	64.4	0.2	0.2%
9.9%	64.2	64.4	0.2	0.2%
11.1%	64.2	64.4	0.2	0.2%
12.3%	64.2	64.2	0.1	0.1%
13.6%	64.1	64.2	0.1	0.2%
14.8%	64.0	64.2	0.2	0.3%
16.0%	63.9	64.0	0.1	0.2%
17.3%	63.8	63.9	0.1	0.2%
18.5%	63.7	63.8	0.1	0.2%
19.8%	63.6	63.7	0.1	0.2%
21.0%	63.4	63.6	0.1	0.2%
22.2%	63.4	63.4	0.0	0.1%
23.5%	62.9	63.4	0.4	0.7%
24.7%	62.9	63.4	0.4	0.7%
25.9%	62.8	63.3	0.5	0.8%
27.2%	62.7	63.1	0.4	0.6%
28.4%	62.7	63.1	0.4	0.6%
29.6%	62.6	63.1	0.4	0.7%
30.9%	62.6	62.9	0.3	0.5%
32.1%	62.6	62.8	0.2	0.3%
33.3%	62.5	62.6	0.1	0.2%
34.6%	62.5	62.6	0.2	0.2%
35.8%	62.3	62.6	0.3	0.5%
37.0%	62.1	62.5	0.4	0.6%
38.3%	62.1	62.5	0.4	0.6%
39.5%	62.0	62.5	0.4	0.7%
40.7%	62.0	62.4	0.4	0.7%
42.0%	62.0	62.3	0.3	0.5%
43.2%	61.9	62.3	0.4	0.6%
44.4%	61.9	62.3	0.4	0.6%
45.7%	61.9	62.3	0.4	0.6%
46.9%	61.8	62.2	0.4	0.6%
48.1%	61.8	62.2	0.4	0.6%
49.4%	61.8	62.1	0.4	0.6%
50.6%	61.8	62.1	0.4	0.6%
51.9%	61.8	62.1	0.4	0.6%
53.1%	61.7	62.1	0.4	0.6%
54.3%	61.7	62.1	0.3	0.5%
55.6%	61.7	62.0	0.3	0.5%
56.8%	61.7	62.0	0.3	0.5%
58.0%	61.7	62.0	0.3	0.5%
59.3%	61.7	61.9	0.2	0.3%
60.5%	61.6	61.8	0.2	0.3%
61.7%	61.6	61.8	0.2	0.3%
63.0%	61.5	61.8	0.3	0.5%
64.2%	61.5	61.8	0.3	0.5%
65.4%	61.4	61.7	0.3	0.5%
66.7%	61.3	61.7	0.3	0.5%
67.9%	61.3	61.5	0.2	0.4%
69.1%	61.3	61.4	0.2	0.3%
70.4%	61.3	61.3	0.0	0.0%
71.6%	61.2	61.2	0.1	0.1%
72.8%	61.1	61.2	0.1	0.2%
74.1%	61.0	61.2	0.2	0.3%
75.3%	60.8	61.2	0.4	0.6%
76.5%	60.8	61.0	0.2	0.4%
77.8%	60.8	60.9	0.1	0.2%
79.0%	60.8	60.9	0.1	0.2%
80.2%	60.7	60.9	0.2	0.3%
81.5%	60.7	60.8	0.1	0.2%
82.7%	60.7	60.7	0.1	0.1%
84.0%	60.4	60.2	-0.1	-0.2%
85.2%	60.2	60.2	0.0	-0.1%
86.4%	60.2	60.1	-0.1	-0.2%
87.7%	60.1	59.9	-0.2	-0.4%
88.9%	60.0	59.9	-0.2	-0.3%
90.1%	59.8	59.8	0.0	-0.1%
91.4%	59.5	59.8	0.3	0.5%
92.6%	59.0	59.7	0.6	1.1%
93.8%	59.0	59.2	0.2	0.4%
95.1%	58.9	58.7	-0.2	-0.3%
96.3%	58.7	58.7	0.0	0.0%
97.5%	58.6	58.6	0.0	0.0%
98.8%	58.0	57.8	-0.1	-0.2%
100.0%	55.5	55.5	0.0	0.0%

Table SQ-09-9b

Sacramento River at Delevan, Monthly Temperature
Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.6	67.8	0.2	0.2%
1.2%	67.5	67.4	-0.2	-0.3%
2.5%	66.7	66.6	0.0	-0.1%
3.7%	66.6	66.6	0.0	0.1%
4.9%	66.4	66.6	0.2	0.3%
6.2%	66.4	66.5	0.2	0.3%
7.4%	65.9	66.2	0.2	0.4%
8.6%	65.8	65.9	0.0	0.0%
9.9%	65.8	65.7	-0.1	-0.2%
11.1%	65.8	65.6	-0.1	-0.2%
12.3%	65.7	65.5	-0.2	-0.3%
13.6%	65.5	65.4	-0.1	-0.1%
14.8%	65.3	65.3	-0.1	-0.1%
16.0%	65.3	65.1	-0.2	-0.3%
17.3%	65.2	65.0	-0.2	-0.3%
18.5%	65.2	65.0	-0.2	-0.3%
19.8%	65.1	65.0	-0.1	-0.2%
21.0%	65.1	64.8	-0.2	-0.4%
22.2%	65.1	64.8	-0.3	-0.5%
23.5%	65.1	64.8	-0.3	-0.5%
24.7%	65.0	64.7	-0.3	-0.5%
25.9%	64.9	64.7	-0.2	-0.3%
27.2%	64.9	64.7	-0.2	-0.3%
28.4%	64.9	64.7	-0.2	-0.3%
29.6%	64.9	64.6	-0.2	-0.4%
30.9%	64.8	64.6	-0.3	-0.4%
32.1%	64.6	64.6	0.0	0.0%
33.3%	64.6	64.5	0.0	-0.1%
34.6%	64.5	64.5	0.0	0.1%
35.8%	64.5	64.5	0.0	0.0%
37.0%	64.4	64.4	0.0	-0.1%
38.3%	64.4	64.4	0.0	-0.1%
39.5%	64.4	64.3	0.0	-0.1%
40.7%	64.2	64.3	0.0	0.0%
42.0%	64.2	64.2	0.0	0.0%
43.2%	64.2	64.1	0.0	0.0%
44.4%	64.1	64.1	0.0	0.0%
45.7%	64.1	64.1	0.0	-0.1%
46.9%	64.1	64.1	0.0	-0.1%
48.1%	64.0	64.0	0.0	0.1%
49.4%	63.9	64.0	0.0	0.0%
50.6%	63.9	64.0	0.1	0.2%
51.9%	63.8	63.9	0.1	0.2%
53.1%	63.8	63.9	0.1	0.2%
54.3%	63.7	63.9	0.2	0.3%
55.6%	63.7	63.9	0.2	0.4%
56.8%	63.6	63.9	0.3	0.5%
58.0%	63.5	63.8	0.3	0.5%
59.3%	63.4	63.7	0.3	0.5%
60.5%	63.4	63.7	0.3	0.5%
61.7%	63.3	63.6	0.3	0.5%
63.0%	63.3	63.6	0.4	0.6%
64.2%	63.2	63.6	0.4	0.6%
65.4%	63.2	63.6	0.4	0.6%
66.7%	63.1	63.6	0.4	0.7%
67.9%	63.1	63.5	0.4	0.6%
69.1%	63.1	63.5	0.4	0.6%
70.4%	63.1	63.4	0.3	0.5%
71.6%	63.0	63.4	0.4	0.6%
72.8%	62.9	63.3	0.4	0.7%
74.1%	62.9	63.2	0.3	0.5%
75.3%	62.9	63.2	0.3	0.5%
76.5%	62.9	63.2	0.3	0.5%
77.8%	62.9	63.1	0.2	0.4%
79.0%	62.8	62.9	0.1	0.2%
80.2%	62.8	62.9	0.1	0.2%
81.5%	62.8	62.9	0.1	0.1%
82.7%	62.7	62.8	0.1	0.1%
84.0%	62.6	62.7	0.1	0.2%
85.2%	62.6	62.6	0.0	0.0%
86.4%	62.5	62.5	0.0	0.1%
87.7%	62.5	62.5	0.0	0.0%
88.9%	62.4	62.5	0.0	0.0%
90.1%	62.4	62.4	0.0	0.1%
91.4%	62.4	62.4	0.0	0.1%
92.6%	62.1	62.2	0.0	0.0%
93.8%	62.0	62.2	0.1	0.2%
95.1%	62.0	61.7	-0.2	-0.4%
96.3%	61.6	61.5	-0.1	-0.1%
97.5%	61.5	61.5	0.0	0.0%
98.8%	61.5	61.0	-0.4	-0.7%
100.0%	60.5	60.8	0.2	0.4%

July				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	69.7	69.5	-0.2	-0.3%
1.2%	69.6	68.8	-0.8	-1.1%
2.5%	68.7	68.2	-0.5	-0.7%
3.7%	68.4	68.2	-0.3	-0.4%
4.9%	68.1	68.1	0.1	0.1%
6.2%	67.9	68.0	0.1	0.2%
7.4%	67.8	67.9	0.1	0.1%
8.6%	67.8	67.6	-0.2	-0.3%
9.9%	67.7	67.5	-0.2	-0.3%
11.1%	67.6	67.4	-0.2	-0.3%
12.3%	67.6	67.3	-0.3	-0.4%
13.6%	67.5	67.2	-0.4	-0.5%
14.8%	67.5	67.1	-0.4	-0.6%
16.0%	67.1	67.0	-0.1	-0.2%
17.3%	67.1	66.9	-0.1	-0.2%
18.5%	67.0	66.9	-0.1	-0.1%
19.8%	66.9	66.9	0.0	0.0%
21.0%	66.8	66.7	-0.1	-0.2%
22.2%	66.7	66.6	0.0	0.0%
23.5%	66.7	66.5	-0.2	-0.3%
24.7%	66.7	66.4	-0.3	-0.4%
25.9%	66.6	66.4	-0.3	-0.4%
27.2%	66.4	66.2	-0.1	-0.2%
28.4%	66.4	66.2	-0.1	-0.2%
29.6%	66.4	66.2	-0.1	-0.2%
30.9%	66.4	66.2	-0.2	-0.3%
32.1%	66.4	66.2	-0.2	-0.3%
33.3%	66.3	66.1	-0.2	-0.4%
34.6%	66.1	66.0	-0.2	-0.2%
35.8%	66.0	66.0	-0.1	-0.1%
37.0%	65.9	65.9	0.0	0.1%
38.3%	65.9	65.9	0.0	0.0%
39.5%	65.8	65.8	0.0	-0.1%
40.7%	65.8	65.8	0.0	0.0%
42.0%	65.7	65.7	0.0	0.0%
43.2%	65.6	65.7	0.1	0.1%
44.4%	65.5	65.7	0.2	0.3%
45.7%	65.4	65.6	0.2	0.2%
46.9%	65.4	65.6	0.1	0.2%
48.1%	65.4	65.4	0.1	0.1%
49.4%	65.3	65.3	0.1	0.1%
50.6%	65.2	65.3	0.1	0.1%
51.9%	65.2	65.3	0.0	0.0%
53.1%	65.2	65.3	0.0	0.0%
54.3%	65.2	65.3	0.1	0.1%
55.6%	65.2	65.2	0.1	0.1%
56.8%	65.1	65.1	0.0	0.1%
58.0%	65.1	65.1	0.0	0.0%
59.3%	65.1	65.1	0.0	0.0%
60.5%	65.0	65.0	-0.1	-0.1%
61.7%	65.0	64.9	0.0	-0.1%
63.0%	64.9	64.9	0.0	0.0%
64.2%	64.9	64.8	-0.1	-0.1%
65.4%	64.8	64.7	-0.1	-0.1%
66.7%	64.7	64.7	0.0	0.1%
67.9%	64.6	64.7	0.1	0.2%
69.1%	64.5	64.7	0.2	0.3%
70.4%	64.5	64.7	0.2	0.3%
71.6%	64.5	64.6	0.2	0.3%
72.8%	64.4	64.6	0.2	0.2%
74.1%	64.4	64.4	0.0	0.0%
75.3%	64.3	64.4	0.1	0.2%
76.5%	64.2	64.3	0.1	0.1%
77.8%	64.2	64.1	-0.1	-0.1%
79.0%	64.1	64.0	-0.1	-0.2%
80.2%	64.1	64.0	-0.1	-0.1%
81.5%	63.9	64.0	0.1	0.1%
82.7%	63.9	64.0	0.0	0.1%
84.0%	63.9	63.8	-0.1	-0.2%
85.2%	63.9	63.7	-0.1	-0.2%
86.4%	63.7	63.6	-0.1	-0.1%
87.7%	63.7	63.6	-0.1	-0.2%
88.9%	63.4	63.5	0.1	0.2%
90.1%	63.3	63.5	0.1	0.2%
91.4%	63.2	63.4	0.1	0.2%
92.6%	63.2	63.3	0.1	0.1%
93.8%	63.1	63.0	-0.1	-0.1%
95.1%	63.1	63.0	-0.1	-0.1%
96.3%	62.7	62.9	0.2	0.4%
97.5%	62.7	62.8	0.2	0.3%
98.8%	62.4	62.3	-0.1	-0.1%
100.0%	62.0	61.8	-0.2	-0.3%

August				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	71.7	69.8	-1.9	-2.7%
1.2%	71.5	68.2	-3.3	-4.6%
2.5%	69.9	68.0	-1.8	-2.6%
3.7%	69.7	68.0	-1.7	-2.4%
4.9%	69.3	67.9	-1.4	-2.0%
6.2%	68.9	67.8	-1.1	-1.6%
7.4%	68.2	67.6	-0.6	-0.8%
8.6%	68.0	67.3	-0.6	-0.9%
9.9%	67.9	67.1	-0.8	-1.2%
11.1%	67.9	67.1	-0.8	-1.2%
12.3%	67.9	67.1	-0.8	-1.1%
13.6%	67.8	66.9	-0.9	-1.3%
14.8%	67.7	66.7	-1.0	-1.5%
16.0%	67.3	66.7	-0.6	-0.8%
17.3%	67.2	66.6	-0.6	-0.9%
18.5%	67.1	66.6	-0.5	-0.8%
19.8%	67.1	66.5	-0.6	-0.9%
21.0%	67.0	66.5	-0.5	-0.7%
22.2%	66.9	66.5	-0.4	-0.6%
23.5%	66.6	66.5	0.0	0.0%
24.7%	66.5	66.5	0.0	0.1%
25.9%	66.4	66.5	0.1	0.2%
27.2%	66.4	66.5	0.1	0.1%
28.4%	66.3	66.4	0.1	0.1%
29.6%	66.3	66.4	0.1	0.1%
30.9%	66.2	66.3	0.1	0.2%
32.1%	66.2	66.3	0.2	0.2%
33.3%	66.2	66.2	0.1	0.1%
34.6%	66.1	66.2	0.1	0.1%
35.8%	66.1	66.1	0.0	0.1%
37.0%	66.0	66.1	0.0	0.1%
38.3%	66.0	65.9	-0.1	-0.1%
39.5%	65.9	65.9	0.0	-0.1%
40.7%	65.9	65.9	0.0	0.0%
42.0%	65.8	65.8	0.1	0.1%
43.2%	65.8	65.8	0.0	0.0%
44.4%	65.8	65.8	0.0	0.0%
45.7%	65.7	65.7	0.1	0.1%
46.9%	65.5	65.7	0.1	0.2%
48.1%	65.5	65.7	0.1	0.2%
49.4%	65.5	65.6	0.2	0.2%
50.6%	65.5	65.6	0.2	0.2%
51.9%	65.4	65.6	0.2	0.3%
53.1%	65.4	65.6	0.2	0.3%
54.3%	65.4	65.6	0.2	0.3%
55.6%	65.3	65.5	0.2	0.3%
56.8%	65.3	65.5	0.2	0.3%
58.0%	65.3	65.5	0.2	0.3%
59.3%	65.3	65.5	0.2	0.3%
60.5%	65.2	65.5	0.3	0.5%
61.7%	65.1	65.4	0.3	0.5%
63.0%	65.1	65.3	0.2	0.3%
64.2%	65.1	65.3	0.2	0.3%
65.4%	65.1	65.2	0.1	0.1%
66.7%	65.0	65.2	0.2	0.3%
67.9%	65.0	65.1	0.1	0.1%
69.1%	65.0	65.0	0.0	0.0%
70.4%	64.8	65.0	0.2	0.2%
71.6%	64.8	65.0	0.2	0.4%
72.8%	64.4	64.9	0.5	0.8%
74.1%	64.4	64.8	0.5	0.7%
75.3%	64.3	64.7	0.4	0.6%
76.5%	64.3	64.6	0.4	0.6%
77.8%	64.3	64.6	0.4	0.6%
79.0%	64.2	64.5	0.3	0.4%
80.2%	64.2	64.5	0.3	0.4%
81.5%	64.2	64.4	0.3	0.4%
82.7%	64.1	64.4	0.3	0.4%
84.0%	63.9	64.3	0.4	0.7%
85.2%	63.9	64.3	0.4	0.6%
86.4%	63.8	64.2	0.4	0.6%
87.7%	63.6	64.1	0.4	0.7%
88.9%	63.6	64.0	0.5	0.7%
90.1%	63.5	64.0	0.4	0.7%
91.4%	63.4	63.9	0.5	0.8%
92.6%	63.4	63.7	0.3	0.5%
93.8%	63.2	63.6	0.4	0.6%
95.1%	63.2	63.4	0.2	0.3%
96.3%	63.1	63.3	0.2	0.3%
97.5%	63.1	63.1	0.0	0.0%
98.8%	63.0	63.1	0.1	0.1%
100.0%	62.8	63.0	0.2	0.3%

September				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	68.7	67.8	-0.9	-1.4%
1.2%	68.5	67.7	-0.8	-1.2%
2.5%	68.3	67.6	-0.7	-1.0%
3.7%	68.2	67.3	-0.8	-1.2%
4.9%	67.8	67.1	-0.7	-1.0%
6.2%	67.4	66.9	-0.4	-0.6%
7.4%	67.0	66.7	-0.3	-0.4%
8.6%	66.6	66.1	-0.5	-0.8%
9.9%	66.3	65.9	-0.5	-0.7%
11.1%	66.3	65.7	-0.6	-0.9%
12.3%	66.1	65.6	-0.5	-0.7%
13.6%	66.0	65.3	-0.7	-1.1%
14.8%	66.0	65.0	-1.0	-1.5%
16.0%	65.7	65.0	-0.7	-1.1%
17.3%	65.4	64.9	-0.5	-0.7%
18.5%	65.3	64.9	-0.4	-0.6%
19.8%	65.2	64.9	-0.3	-0.5%
21.0%	65.1	64.8	-0.3	-0.4%
22.2%	65.0	64.7	-0.3	-0.5%
23.5%	65.0	64.7	-0.3	-0.5%
24.7%	64.9	64.4	-0.5	-0.7%
25.9%	64.8	64.4	-0.3	-0.5%
27.2%	64.7	64.4	-0.4	-0.6%
28.4%	64.7	64.3	-0.4	-0.6%
29.6%	64.7	64.3	-0.4	-0.5%
30.9%	64.5	64.3	-0.3	-0.4%
32.1%	64.5	64.2	-0.3	-0.4%
33.3%	64.4	64.2	-0.2	-0.3%
34.6%	64.3	64.1	-0.2	-0.3%
35.8%	64.3	64.1	-0.2	-0.3%
37.0%	64.2	64.0	-0.2	-0.3%
38.3%	64.0	63.9	-0.1	-0.2%
39.5%	64.0	63.7	-0.2	-0.3%
40.7%	63.9	63.5	-0.4	-0.6%
42.0%	63.8	63.5	-0.3	-0.5%
43.2%	63.7	63.4	-0.3	-0.5%
44.4%	63.6	63.3	-0.3	-0.5%
45.7%	63.5	63.2	-0.3	-0.4%
46.9%	63.5	63.1	-0.4	-0.6%
48.1%	63.4	63.1	-0.3	-0.5%
49.4%	63.4	63.1	-0.3	-0.5%
50.6%	63.3	63.0	-0.2	-0.4%
51.9%	63.2	63.0	-0.2	-0.3%
53.1%	63.2	63.0	-0.1	-0.2%
54.3%	63.0	63.0	0.0	0.0%
55.6%	62.9	63.0	0.1	0.2%
56.8%	62.8	63.0	0.1	0.2%
58.0%	62.8	62.9	0.1	0.2%
59.3%	62.8	62.9	0.1	0.2%
60.5%	62.5	62.9	0.4	0.7%
61.7%	62.5	62.9	0.4	0.6%
63.0%	62.4	62.6	0.3	0.4%
64.2%	62.3	62.5	0.2	0.3%
65.4%	62.3	62.5	0.2	0.3%
66.7%	62.2	62.4	0.1	0.2%
67.9%	62.2	62.1	-0.2	-0.3%
69.1%	61.8	61.9	0.0	0.0%
70.4%	61.8	61.9	0.1	0.1%
71.6%	61.6	61.8	0.3	0.4%
72.8%	61.5	61.8	0.3	0.4%
74.1%	61.5	61.7	0.1	0.2%
75.3%	61.5	61.6	0.1	0.2%
76.5%	61.4	61.5	0.1	0.1%
77.8%	61.2	61.4	0.1	0.2%
79.0%	61.2	61.2	0.0	0.0%
80.2%	61.2	61.2	0.0	0.0%
81.5%	61.0	61.1	0.0	0.1%
82.7%	61.0	61.0	0.1	0.1%
84.0%	60.9	61.0	0.0	0.1%
85.2%	60.9	61.0	0.1	0.1%
86.4%	60.9	60.9	0.0	0.1%
87.7%	60.8	60.8	0.1	0.1%
88.9%	60.6	60.5	-0.1	-0.2%
90.1%	60.6	60.4	-0.1	-0.2%
91.4%	60.5	60.3	-0.2	-0.4%
92.6%	60.4	60.2	-0.2	-0.3%
93.8%	60.3	59.9	-0.4	-0.6%
95.1%	59.9	59.7	-0.2	-0.4%
96.3%	59.7	59.6	0.0	-0.1%
97.5%	59.2	59.1	0.0	-0.1%
98.8%	59.0	59.0	0.0	0.0%
100.0%	59.0	58.4	-0.5	-0.9%

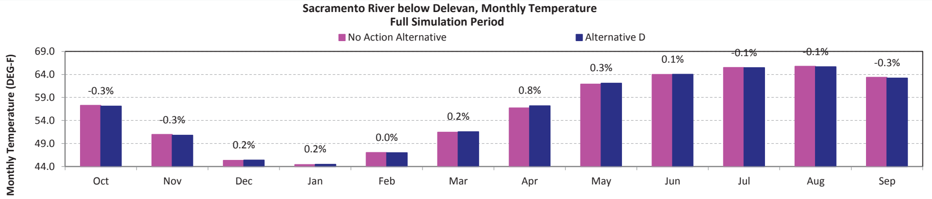
Table SQ-10-9a
Sacramento River below Delevan, Monthly Temperature
Long-term Average and Average by Water Year Type

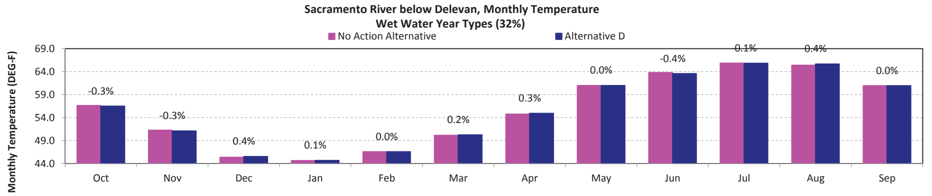
Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period[1]												
No Action Alternative	57.3	51.0	45.3	44.4	47.0	51.4	56.7	61.9	64.0	65.5	65.8	63.4
Alternative D	57.1	50.8	45.4	44.5	47.0	51.5	57.2	62.1	64.0	65.5	65.7	63.2
Difference	-0.2	-0.2	0.1	0.1	0.0	0.1	0.5	0.2	0.0	-0.1	-0.1	-0.2
Percent Difference[3]	-0.3%	-0.3%	0.2%	0.2%	0.0%	0.2%	0.8%	0.3%	0.1%	-0.1%	-0.1%	-0.3%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	56.6	51.3	45.4	44.7	46.6	50.2	54.8	61.0	63.8	65.9	65.4	61.0
Alternative D	56.5	51.1	45.6	44.7	46.6	50.2	54.9	61.0	63.6	65.8	65.7	61.0
Difference	-0.1	-0.1	0.2	0.0	0.0	0.1	0.2	0.0	-0.2	0.0	0.3	0.0
Percent Difference	-0.3%	-0.3%	0.4%	0.1%	0.0%	0.2%	0.3%	0.0%	-0.4%	-0.1%	0.4%	0.0%
Above Normal (15%)												
No Action Alternative	56.8	50.6	45.7	44.8	46.9	51.3	56.8	62.7	64.0	64.7	65.5	62.9
Alternative D	56.7	50.5	45.8	44.8	46.9	51.4	57.2	62.7	64.1	64.6	65.8	62.9
Difference	-0.1	0.0	0.1	0.0	0.0	0.1	0.4	0.0	0.1	-0.2	0.2	0.0
Percent Difference	-0.1%	-0.1%	0.3%	0.1%	0.0%	0.2%	0.7%	0.0%	0.1%	-0.2%	0.4%	0.1%
Below Normal (17%)												
No Action Alternative	56.6	50.7	45.5	44.2	46.5	51.5	57.6	62.3	63.7	65.1	65.3	64.1
Alternative D	56.3	50.6	45.5	44.2	46.5	51.6	58.2	62.7	63.8	64.9	65.4	63.8
Difference	-0.2	-0.1	0.0	0.0	0.0	0.2	0.7	0.4	0.1	-0.2	0.1	-0.3
Percent Difference	-0.4%	-0.2%	0.0%	0.0%	0.0%	0.3%	1.1%	0.6%	0.1%	-0.3%	0.1%	-0.4%
Dry (22%)												
No Action Alternative	57.6	51.2	45.3	44.1	47.3	52.3	58.2	62.0	64.3	65.0	65.4	64.7
Alternative D	57.4	50.9	45.3	44.3	47.2	52.4	58.8	62.2	64.6	65.1	65.3	64.5
Difference	-0.2	-0.2	0.0	0.2	-0.1	0.1	0.6	0.2	0.3	0.2	-0.1	-0.3
Percent Difference	-0.3%	-0.5%	-0.1%	0.4%	-0.1%	0.2%	1.0%	0.2%	0.5%	0.3%	-0.1%	-0.4%
Critical (15%)												
No Action Alternative	59.6	50.7	44.7	44.3	48.2	53.1	57.8	62.4	64.3	66.8	67.8	66.3
Alternative D	59.2	50.5	44.7	44.4	48.3	53.2	58.5	63.0	64.4	66.6	66.4	65.6
Difference	-0.3	-0.2	0.0	0.1	0.0	0.1	0.7	0.6	0.1	-0.2	-1.4	-0.7
Percent Difference	-0.5%	-0.4%	0.1%	0.3%	0.1%	0.2%	1.2%	1.0%	0.1%	-0.2%	-2.1%	-1.0%

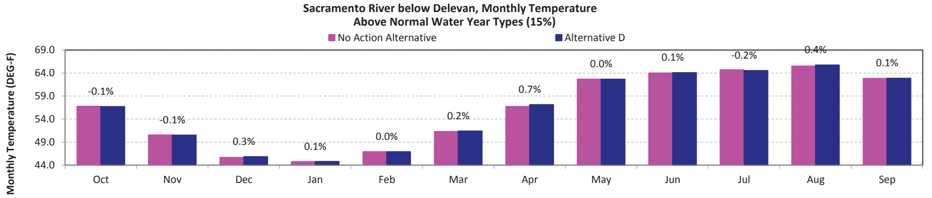
1 Based on the 82-year simulation period

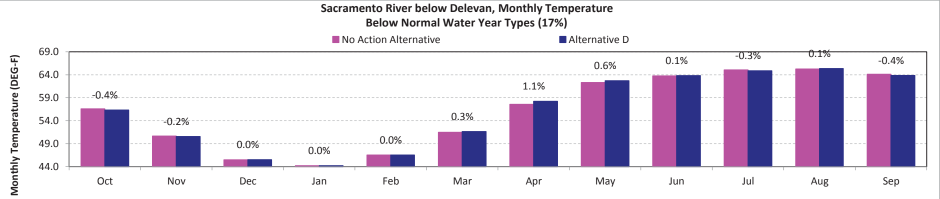
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

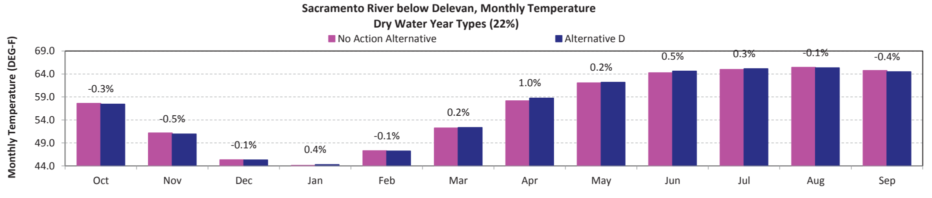
3 Relative difference of the monthly average











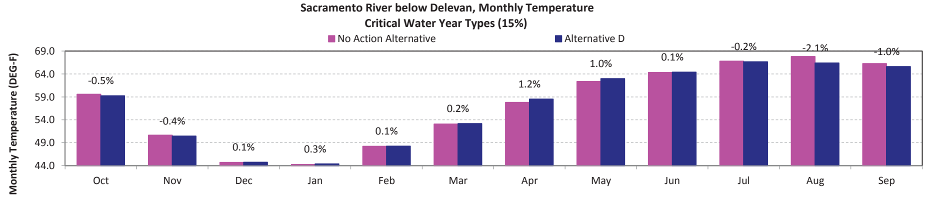


Figure SQ-10-9b
Sacramento River below Delevan, Monthly Temperature
Probability of Exceedance

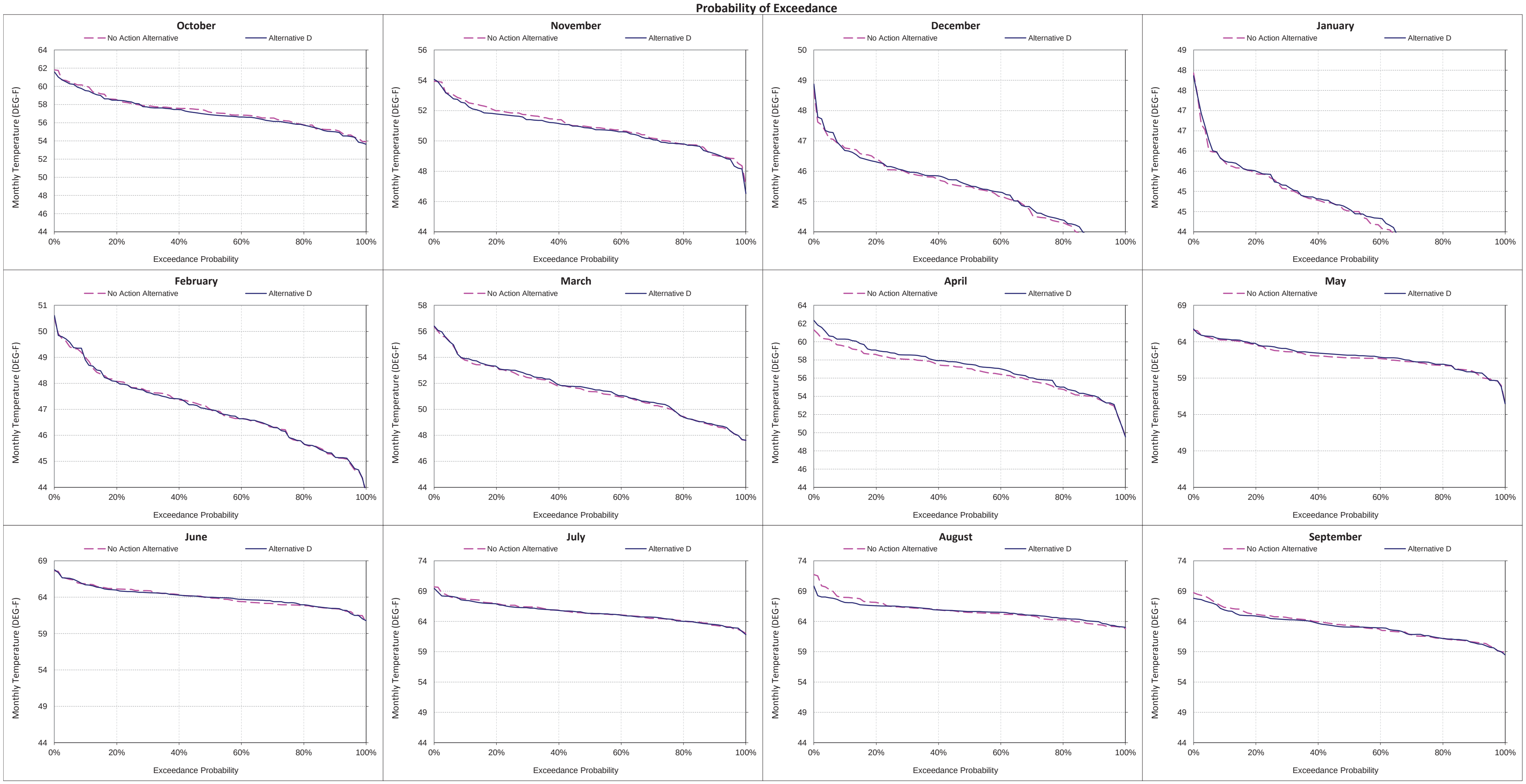


Table SQ-10-9b

Sacramento River below Delevan, Monthly Temperature

Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	61.8	61.6	-0.2	-0.3%
1.2%	61.8	61.0	-0.7	-1.2%
2.5%	60.7	60.7	0.0	0.0%
3.7%	60.7	60.5	-0.2	-0.3%
4.9%	60.5	60.3	-0.2	-0.3%
6.2%	60.4	60.2	-0.1	-0.2%
7.4%	60.2	59.9	-0.3	-0.4%
8.6%	60.2	59.8	-0.4	-0.6%
9.9%	60.1	59.5	-0.5	-0.9%
11.1%	59.9	59.5	-0.4	-0.7%
12.3%	59.4	59.3	-0.1	-0.2%
13.6%	59.3	59.1	-0.2	-0.4%
14.8%	59.2	59.0	-0.2	-0.3%
16.0%	59.1	58.6	-0.5	-0.9%
17.3%	58.6	58.6	0.0	0.0%
18.5%	58.6	58.5	-0.1	-0.2%
19.8%	58.6	58.5	-0.1	-0.1%
21.0%	58.4	58.4	0.1	0.2%
22.2%	58.3	58.4	0.2	0.3%
23.5%	58.2	58.3	0.1	0.2%
24.7%	58.1	58.3	0.2	0.3%
25.9%	58.0	58.1	0.1	0.1%
27.2%	58.0	58.1	0.1	0.2%
28.4%	57.9	57.8	-0.1	-0.2%
29.6%	57.9	57.7	-0.1	-0.2%
30.9%	57.8	57.7	-0.2	-0.3%
32.1%	57.8	57.6	-0.1	-0.2%
33.3%	57.7	57.6	-0.1	-0.2%
34.6%	57.7	57.6	-0.1	-0.2%
35.8%	57.7	57.6	-0.1	-0.2%
37.0%	57.7	57.5	-0.1	-0.2%
38.3%	57.6	57.5	-0.1	-0.2%
39.5%	57.6	57.5	-0.1	-0.2%
40.7%	57.6	57.4	-0.2	-0.3%
42.0%	57.6	57.3	-0.3	-0.5%
43.2%	57.5	57.2	-0.3	-0.6%
44.4%	57.5	57.1	-0.4	-0.7%
45.7%	57.5	57.1	-0.4	-0.7%
46.9%	57.5	57.0	-0.4	-0.8%
48.1%	57.4	57.0	-0.4	-0.7%
49.4%	57.2	56.9	-0.3	-0.5%
50.6%	57.1	56.9	-0.2	-0.4%
51.9%	57.1	56.8	-0.3	-0.5%
53.1%	57.0	56.8	-0.3	-0.4%
54.3%	57.0	56.8	-0.3	-0.5%
55.6%	57.0	56.7	-0.3	-0.5%
56.8%	56.9	56.7	-0.2	-0.3%
58.0%	56.8	56.7	-0.2	-0.3%
59.3%	56.8	56.6	-0.2	-0.4%
60.5%	56.8	56.6	-0.2	-0.4%
61.7%	56.8	56.6	-0.2	-0.4%
63.0%	56.8	56.6	-0.2	-0.3%
64.2%	56.7	56.5	-0.2	-0.3%
65.4%	56.6	56.5	-0.2	-0.3%
66.7%	56.5	56.4	-0.2	-0.3%
67.9%	56.5	56.3	-0.3	-0.4%
69.1%	56.5	56.2	-0.3	-0.6%
70.4%	56.5	56.1	-0.4	-0.7%
71.6%	56.3	56.1	-0.2	-0.4%
72.8%	56.3	56.1	-0.2	-0.3%
74.1%	56.2	56.0	-0.2	-0.3%
75.3%	56.2	56.0	-0.2	-0.4%
76.5%	56.0	55.9	-0.2	-0.3%
77.8%	55.9	55.8	-0.1	-0.2%
79.0%	55.8	55.8	0.0	0.0%
80.2%	55.8	55.7	0.0	0.0%
81.5%	55.7	55.6	-0.1	-0.2%
82.7%	55.7	55.5	-0.2	-0.4%
84.0%	55.3	55.4	0.1	0.2%
85.2%	55.3	55.3	0.0	0.0%
86.4%	55.3	55.2	-0.1	-0.2%
87.7%	55.2	55.1	-0.2	-0.3%
88.9%	55.2	55.0	-0.2	-0.4%
90.1%	55.2	55.0	-0.2	-0.3%
91.4%	55.1	54.9	-0.2	-0.3%
92.6%	54.8	54.5	-0.2	-0.4%
93.8%	54.7	54.5	-0.1	-0.2%
95.1%	54.6	54.5	-0.2	-0.3%
96.3%	54.4	54.4	0.0	0.0%
97.5%	54.3	53.8	-0.5	-0.8%
98.8%	53.9	53.8	-0.2	-0.3%
100.0%	53.9	53.6	0.0	-0.5%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.9	54.1	0.1	0.2%
1.2%	53.9	53.9	0.0	0.0%
2.5%	53.9	53.6	-0.3	-0.6%
3.7%	53.2	53.2	0.0	0.0%
4.9%	53.1	53.0	-0.1	-0.3%
6.2%	53.0	52.8	-0.3	-0.5%
7.4%	52.9	52.7	-0.1	-0.3%
8.6%	52.8	52.6	-0.2	-0.4%
9.9%	52.7	52.5	-0.2	-0.3%
11.1%	52.5	52.2	-0.3	-0.5%
12.3%	52.5	52.1	-0.4	-0.7%
13.6%	52.4	52.1	-0.4	-0.7%
14.8%	52.4	52.0	-0.4	-0.7%
16.0%	52.3	51.8	-0.4	-0.9%
17.3%	52.2	51.8	-0.4	-0.8%
18.5%	52.1	51.8	-0.3	-0.5%
19.8%	52.0	51.8	-0.2	-0.4%
21.0%	52.0	51.8	-0.2	-0.4%
22.2%	51.9	51.7	-0.2	-0.4%
23.5%	51.9	51.7	-0.2	-0.3%
24.7%	51.9	51.7	-0.2	-0.3%
25.9%	51.8	51.7	-0.2	-0.4%
27.2%	51.8	51.6	-0.2	-0.4%
28.4%	51.7	51.6	-0.2	-0.3%
29.6%	51.7	51.4	-0.3	-0.6%
30.9%	51.7	51.4	-0.3	-0.5%
32.1%	51.6	51.4	-0.3	-0.5%
33.3%	51.6	51.4	-0.3	-0.5%
34.6%	51.5	51.3	-0.2	-0.4%
35.8%	51.5	51.3	-0.3	-0.5%
37.0%	51.5	51.2	-0.2	-0.5%
38.3%	51.4	51.2	-0.3	-0.5%
39.5%	51.4	51.2	-0.2	-0.5%
40.7%	51.4	51.1	-0.3	-0.6%
42.0%	51.2	51.1	-0.1	-0.2%
43.2%	51.1	51.1	0.0	0.0%
44.4%	51.0	51.0	0.0	-0.1%
45.7%	51.0	51.0	0.0	0.0%
46.9%	51.0	50.9	0.0	-0.1%
48.1%	51.0	50.9	-0.1	-0.2%
49.4%	50.9	50.9	-0.1	-0.1%
50.6%	50.9	50.8	-0.1	-0.1%
51.9%	50.9	50.7	-0.1	-0.3%
53.1%	50.9	50.7	-0.1	-0.3%
54.3%	50.8	50.7	-0.1	-0.2%
55.6%	50.8	50.7	-0.1	-0.1%
56.8%	50.8	50.7	-0.1	-0.2%
58.0%	50.7	50.6	-0.1	-0.2%
59.3%	50.7	50.6	-0.1	-0.2%
60.5%	50.7	50.6	-0.1	-0.1%
61.7%	50.6	50.6	-0.1	-0.1%
63.0%	50.6	50.5	-0.1	-0.2%
64.2%	50.5	50.4	-0.1	-0.2%
65.4%	50.5	50.4	-0.2	-0.3%
66.7%	50.4	50.2	-0.2	-0.3%
67.9%	50.4	50.2	-0.2	-0.5%
69.1%	50.2	50.2	0.0	-0.1%
70.4%	50.2	50.1	-0.1	-0.2%
71.6%	50.1	50.1	-0.1	-0.2%
72.8%	50.0	49.9	-0.1	-0.3%
74.1%	50.0	49.9	-0.1	-0.2%
75.3%	50.0	49.8	-0.1	-0.3%
76.5%	49.9	49.8	-0.1	-0.1%
77.8%	49.9	49.8	0.0	-0.1%
79.0%	49.8	49.8	0.0	0.0%
80.2%	49.8	49.8	0.0	0.0%
81.5%	49.8	49.7	0.0	-0.1%
82.7%	49.7	49.7	0.0	-0.1%
84.0%	49.7	49.7	0.0	-0.1%
85.2%	49.7	49.6	0.0	-0.1%
86.4%	49.6	49.4	-0.2	-0.4%
87.7%	49.3	49.3	0.0	0.0%
88.9%	49.1	49.2	0.1	0.3%
90.1%	49.1	49.1	0.1	0.2%
91.4%	49.0	49.1	0.1	0.1%
92.6%	49.0	48.9	-0.1	-0.1%
93.8%	48.9	48.8	-0.1	-0.2%
95.1%	48.8	48.8	-0.1	-0.1%
96.3%	48.8	48.3	-0.5	-1.0%
97.5%	48.5	48.2	-0.3	-0.6%
98.8%	48.4	48.2	-0.2	-0.4%
100.0%	47.1	46.5	-0.6	-1.2%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	48.7	48.9	0.2	0.4%
1.2%	47.6	47.8	0.2	0.3%
2.5%	47.5	47.7	0.2	0.4%
3.7%	47.3	47.3	0.0	0.1%
4.9%	47.1	47.3	0.2	0.5%
6.2%	47.1	47.3	0.2	0.5%
7.4%	46.9	47.0	0.0	0.1%
8.6%	46.9	46.8	-0.1	-0.2%
9.9%	46.8	46.7	-0.1	-0.2%
11.1%	46.7	46.7	-0.1	-0.2%
12.3%	46.7	46.6	-0.1	-0.2%
13.6%	46.7	46.5	-0.2	-0.3%
14.8%	46.6	46.4	-0.1	-0.3%
16.0%	46.5	46.4	-0.1	-0.3%
17.3%	46.5	46.4	-0.2	-0.3%
18.5%	46.5	46.3	-0.2	-0.3%
19.8%	46.4	46.3	-0.1	-0.2%
21.0%	46.4	46.3	-0.1	-0.2%
22.2%	46.2	46.3	0.0	0.0%
23.5%	46.0	46.2	0.1	0.2%
24.7%	46.0	46.2	0.1	0.2%
25.9%	46.0	46.1	0.1	0.2%
27.2%	46.0	46.1	0.0	0.1%
28.4%	46.0	46.0	0.0	0.0%
29.6%	46.0	46.0	0.0	0.1%
30.9%	45.9	46.0	0.1	0.1%
32.1%	45.9	46.0	0.1	0.1%
33.3%	45.9	46.0	0.1	0.2%
34.6%	45.9	45.9	0.1	0.1%
35.8%	45.8	45.9	0.0	0.1%
37.0%	45.8	45.9	0.0	0.1%
38.3%	45.8	45.9	0.0	0.1%
39.5%	45.8	45.9	0.1	0.2%
40.7%	45.7	45.8	0.1	0.3%
42.0%	45.7	45.8	0.1	0.3%
43.2%	45.6	45.7	0.2	0.3%
44.4%	45.6	45.7	0.2	0.4%
45.7%	45.5	45.7	0.2	0.4%
46.9%	45.5	45.6	0.1	0.3%
48.1%	45.5	45.6	0.1	0.2%
49.4%	45.5	45.6	0.1	0.1%
50.6%	45.5	45.5	0.0	0.0%
51.9%	45.4	45.5	0.1	0.2%
53.1%	45.4	45.4	0.0	0.1%
54.3%	45.4	45.4	0.0	0.1%
55.6%	45.3	45.4	0.0	0.1%
56.8%	45.3	45.4	0.0	0.1%
58.0%	45.3	45.3	0.1	0.1%
59.3%	45.2	45.3	0.1	0.3%
60.5%	45.2	45.3	0.1	0.3%
61.7%	45.1	45.2	0.1	0.3%
63.0%	45.1	45.2	0.1	0.3%
64.2%	45.0	45.0	0.0	0.0%
65.4%	45.0	45.0	0.0	0.0%
66.7%	44.9	44.9	-0.1	-0.1%
67.9%	44.8	44.8	0.0	0.0%
69.1%	44.7	44.8	0.1	0.2%
70.4%	44.5	44.7	0.2	0.5%
71.6%	44.5	44.6	0.1	0.3%
72.8%	44.5	44.6	0.1	0.3%
74.1%	44.5	44.6	0.1	0.2%
75.3%	44.4	44.5	0.1	0.1%
76.5%	44.4	44.5	0.1	0.2%
77.8%	44.3	44.4	0.1	0.2%
79.0%	44.3	44.4	0.1	0.2%
80.2%	44.3	44.4	0.1	0.2%
81.5%	44.2	44.3	0.0	0.1%
82.7%	44.2	44.3	0.1	0.2%
84.0%	44.0	44.2	0.2	0.5%
85.2%	44.0	44.2	0.2	0.5%
86.4%	43.8	44.0	0.2	0.3%
87.7%	43.8	43.9	0.1	0.2%
88.9%	43.7	43.9	0.2	0.5%
90.1%	43.6	43.9	0.3	0.6%
91.4%	43.5	43.8	0.3	0.7%
92.6%	43.5	43.8	0.3	0.8%
93.8%	43.4	43.7	0.3	0.7%
95.1%	43.4	43.6	0.2	0.5%
96.3%	43.4	43.6	0.2	0.4%
97.5%	43.2	43.6	0.4	0.9%
98.8%	43.0	42.6	-0.4	-1.0%
100.0%	41.6	41.7	0.1	0.3%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.9	47.9	-0.1	-0.1%
1.2%	47.4	47.4	0.0	0.0%
2.5%	46.7	46.9	0.3	0.6%
3.7%	46.5	46.6	0.1	0.2%
4.9%	46.0	46.3	0.3	0.6%
6.2%	46.0	46.0	0.0	0.1%
7.4%	46.0	46.0	0.0	0.0%
8.6%	45.8	45.8	0.0	0.0%
9.9%	45.7	45.8	0.0	0.0%
11.1%	45.6	45.7	0.1	0.2%
12.3%	45.6	45.7	0.1	0.2%
13.6%	45.6	45.7	0.1	0.3%
14.8%	45.6	45.6	0.1	0.1%
16.0%	45.6	45.6	0.0	0.0%
17.3%	45.5	45.5	0.0	0.0%
18.5%	45.5	45.5	0.0	0.0%
19.8%	45.4	45.5	0.1	0.2%
21.0%	45.4	45.5	0.0	0.1%
22.2%	45.4	45.4	0.0	0.0%
23.5%	45.4	45.4	0.0	0.0%
24.7%	45.3	45.4	0.1	0.2%
25.9%	45.3	45.2	-0.1	-0.1%
27.2%	45.2	45.2	0.0	0.0%
28.4%	45.1	45.2	0.1	0.2%
29.6%	45.1	45.2	0.1	0.2%
30.9%	45.0	45.1	0.1	0.2%
32.1%	45.0	45.0	0.0	0.0%
33.3%	45.0	45.0	0.0	0.1%
34.6%	44.9	44.9	0.0	0.0%
35.8%	44.9	44.9	0.0	0.0%
37.0%	44.8	44.9	0.0	0.1%
38.3%	44.8	44.9	0.0	0.1%
39.5%	44.8	44.8	0.0	0.1%
40.7%	44.8	44.8	0.0	0.1%
42.0%	44.7	44.8	0.1	0.1%
43.2%	44.7	44.8	0.1	0.1%
44.4%	44.7	44.7	0.0	0.0%
45.7%	44.7	44.7	0.0	0.0%
46.9%	44.6	44.7	0.0	0.0%
48.1%	44.6	44.6	0.1	0.2%
49.4%	44.5	44.6	0.1	0.2%
50.6%	44.5	44.5	0.0	0.0%
51.9%	44.5	44.4	-0.1	-0.1%
53.1%	44.5	44.4	-0.1	-0.1%
54.3%	44.4	44.4	0.1	0.2%
55.6%	44.3	44.4	0.1	0.1%
56.8%	44.2	44.4	0.2	0.4%
58.0%	44.2	44.3	0.2	0.4%
59.3%	44.2	44.3	0.2	0.4%
60.5%	44.1	44.3	0.2	0.6%
61.7%	44.1	44.2	0.1	0.3%
63.0%	44.0	44.2	0.1	0.3%
64.2%	43.9	44.1	0.2	0.4%
65.4%	43.9	43.9	0.0	0.0%
66.7%	43.9	43.8	-0.1	-0.1%
67.9%	43.9	43.8	-0.1	-0.2%
69.1%	43.8	43.8	0.0	0.0%
70.4%	43.7	43.7	0.1	0.2%
71.6%	43.6	43.7	0.1	0.2%
72.8%	43.5	43.7	0.2	0.4%
74.1%	43.5	43.6	0.1	0.2%
75.3%	43.5	43.6	0.1	0.2%
76.5%	43.4	43.6	0.2	0.4%
77.8%	43.4	43.6	0.2	0.5%
79.0%	43.3	43.6	0.2	0.5%
80.2%	43.3	43.5	0.3	0.6%
81.5%	43.2	43.5	0.2	0.5%
82.7%	43.2	43.4	0.2	0.5%
84.0%	43.1	43.3	0.2	0.5%
85.2%	43.1	43.2	0.1	0.3%
86.4%	43.1	43.2	0.1	0.3%
87.7%	43.1	43.2	0.1	0.2%
88.9%	43.0	43.1	0.1	0.2%
90.1%	42.8	42.9	0.1	0.3%
91.4%	42.8	42.8	0.1	0.2%
92.6%	42.7	42.7	0.0	0.0%
93.8%	42.7	42.7	-0.1	-0.1%
95.1%	42.7	42.7	0.0	0.0%
96.3%	42.4	42.5	0.1	0.2%
97.5%	42.2	42.1	-0.1	-0.2%
98.8%	41.8	41.9	0.1	0.3%
100.0%	41.5	41.8	0.3	0.8%

Table SQ-10-9b

Sacramento River below Delevan, Monthly Temperature

Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.5	50.6	0.1	0.2%
1.2%	49.9	49.8	-0.1	-0.1%
2.5%	49.7	49.8	0.1	0.1%
3.7%	49.6	49.7	0.1	0.2%
4.9%	49.4	49.6	0.2	0.3%
6.2%	49.3	49.4	0.0	0.1%
7.4%	49.3	49.4	0.0	0.1%
8.6%	49.2	49.3	0.2	0.3%
9.9%	49.0	48.9	-0.1	-0.2%
11.1%	48.8	48.7	-0.1	-0.3%
12.3%	48.6	48.7	0.1	0.2%
13.6%	48.4	48.5	0.1	0.2%
14.8%	48.4	48.5	0.1	0.2%
16.0%	48.3	48.2	-0.1	-0.2%
17.3%	48.2	48.2	0.0	0.0%
18.5%	48.2	48.1	-0.1	-0.1%
19.8%	48.1	48.1	0.0	0.0%
21.0%	48.1	48.0	-0.1	-0.2%
22.2%	48.0	48.0	-0.1	-0.2%
23.5%	47.9	47.9	0.0	0.0%
24.7%	47.8	47.8	0.0	0.0%
25.9%	47.8	47.8	0.0	-0.1%
27.2%	47.8	47.8	-0.1	-0.1%
28.4%	47.8	47.7	0.0	-0.1%
29.6%	47.7	47.7	-0.1	-0.1%
30.9%	47.7	47.6	-0.1	-0.1%
32.1%	47.6	47.6	-0.1	-0.1%
33.3%	47.6	47.6	-0.1	-0.1%
34.6%	47.6	47.5	-0.1	-0.2%
35.8%	47.6	47.5	-0.1	-0.2%
37.0%	47.5	47.4	-0.1	-0.2%
38.3%	47.4	47.4	0.0	0.0%
39.5%	47.4	47.4	0.0	0.0%
40.7%	47.3	47.4	0.0	0.1%
42.0%	47.3	47.3	-0.1	-0.1%
43.2%	47.3	47.2	-0.1	-0.3%
44.4%	47.3	47.2	-0.1	-0.2%
45.7%	47.2	47.1	-0.1	-0.2%
46.9%	47.2	47.1	-0.1	-0.2%
48.1%	47.2	47.0	-0.1	-0.3%
49.4%	47.0	47.0	-0.1	-0.1%
50.6%	47.0	47.0	0.0	0.0%
51.9%	47.0	46.9	0.0	0.0%
53.1%	46.9	46.8	-0.1	-0.1%
54.3%	46.8	46.8	0.0	0.1%
55.6%	46.7	46.8	0.1	0.1%
56.8%	46.7	46.7	0.1	0.1%
58.0%	46.6	46.7	0.1	0.2%
59.3%	46.6	46.6	0.0	0.0%
60.5%	46.6	46.6	0.0	0.0%
61.7%	46.6	46.6	0.0	0.0%
63.0%	46.6	46.6	0.0	0.0%
64.2%	46.6	46.6	0.0	0.0%
65.4%	46.5	46.5	0.0	0.0%
66.7%	46.5	46.5	0.0	0.1%
67.9%	46.4	46.4	0.0	0.0%
69.1%	46.3	46.4	0.0	0.1%
70.4%	46.3	46.3	0.0	0.0%
71.6%	46.3	46.3	0.0	0.0%
72.8%	46.2	46.2	0.0	-0.1%
74.1%	46.2	46.1	-0.1	-0.2%
75.3%	45.9	45.9	0.0	0.0%
76.5%	45.8	45.9	0.0	0.1%
77.8%	45.8	45.8	0.0	0.0%
79.0%	45.8	45.8	0.0	0.0%
80.2%	45.7	45.6	0.0	0.0%
81.5%	45.6	45.6	0.0	0.1%
82.7%	45.6	45.6	0.0	0.1%
84.0%	45.6	45.5	0.0	-0.1%
85.2%	45.5	45.5	0.0	-0.1%
86.4%	45.4	45.4	0.0	-0.1%
87.7%	45.3	45.3	0.0	0.1%
88.9%	45.3	45.3	0.0	0.1%
90.1%	45.1	45.2	0.0	0.0%
91.4%	45.1	45.1	0.0	0.0%
92.6%	45.1	45.1	0.0	0.1%
93.8%	45.1	45.1	0.0	0.1%
95.1%	44.9	44.9	0.1	0.1%
96.3%	44.7	44.7	0.0	0.1%
97.5%	44.6	44.7	0.0	0.1%
98.8%	44.4	44.4	0.0	0.0%
100.0%	43.8	43.8	0.0	0.0%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.4	56.4	0.0	0.1%
1.2%	56.0	56.1	0.1	0.1%
2.5%	55.6	56.0	0.3	0.6%
3.7%	55.6	55.5	0.0	-0.1%
4.9%	55.2	55.2	0.0	-0.1%
6.2%	54.9	55.0	0.1	0.2%
7.4%	54.4	54.3	-0.1	-0.2%
8.6%	54.0	54.0	0.0	0.0%
9.9%	53.8	53.9	0.1	0.2%
11.1%	53.7	53.9	0.2	0.3%
12.3%	53.5	53.8	0.3	0.5%
13.6%	53.4	53.7	0.3	0.6%
14.8%	53.4	53.6	0.1	0.3%
16.0%	53.4	53.5	0.1	0.1%
17.3%	53.4	53.4	0.0	0.0%
18.5%	53.3	53.3	0.0	0.1%
19.8%	53.3	53.3	0.1	0.1%
21.0%	53.1	53.1	0.0	0.1%
22.2%	53.1	53.1	0.0	0.0%
23.5%	52.9	53.1	0.1	0.2%
24.7%	52.9	53.0	0.1	0.2%
25.9%	52.8	53.0	0.2	0.4%
27.2%	52.6	52.9	0.3	0.5%
28.4%	52.6	52.8	0.2	0.4%
29.6%	52.5	52.7	0.2	0.5%
30.9%	52.4	52.6	0.2	0.4%
32.1%	52.4	52.5	0.1	0.2%
33.3%	52.3	52.4	0.1	0.2%
34.6%	52.3	52.4	0.1	0.3%
35.8%	52.3	52.3	0.1	0.1%
37.0%	52.1	52.3	0.2	0.5%
38.3%	52.0	52.1	0.2	0.4%
39.5%	51.8	51.9	0.1	0.2%
40.7%	51.8	51.8	0.0	0.1%
42.0%	51.8	51.8	0.0	0.0%
43.2%	51.7	51.8	0.0	0.1%
44.4%	51.7	51.8	0.1	0.1%
45.7%	51.6	51.8	0.1	0.3%
46.9%	51.6	51.7	0.1	0.3%
48.1%	51.5	51.7	0.2	0.4%
49.4%	51.4	51.6	0.3	0.5%
50.6%	51.4	51.6	0.2	0.4%
51.9%	51.4	51.5	0.1	0.3%
53.1%	51.3	51.5	0.2	0.3%
54.3%	51.2	51.4	0.2	0.5%
55.6%	51.1	51.4	0.3	0.5%
56.8%	51.1	51.4	0.2	0.5%
58.0%	51.0	51.2	0.1	0.3%
59.3%	51.0	51.0	0.1	0.1%
60.5%	50.9	51.0	0.1	0.2%
61.7%	50.9	51.0	0.1	0.2%
63.0%	50.9	50.9	0.0	0.0%
64.2%	50.7	50.8	0.1	0.2%
65.4%	50.7	50.7	0.1	0.1%
66.7%	50.6	50.6	0.0	0.1%
67.9%	50.5	50.6	0.1	0.3%
69.1%	50.5	50.5	0.1	0.2%
70.4%	50.3	50.5	0.2	0.5%
71.6%	50.3	50.5	0.2	0.3%
72.8%	50.2	50.4	0.2	0.4%
74.1%	50.2	50.4	0.2	0.4%
75.3%	50.0	50.2	0.2	0.4%
76.5%	50.0	50.0	0.0	0.1%
77.8%	49.7	49.8	0.0	0.1%
79.0%	49.5	49.5	0.0	0.0%
80.2%	49.4	49.4	-0.1	-0.1%
81.5%	49.2	49.3	0.0	0.1%
82.7%	49.2	49.2	0.0	0.0%
84.0%	49.1	49.1	0.0	-0.1%
85.2%	49.0	49.1	0.0	0.1%
86.4%	48.9	49.0	0.1	0.2%
87.7%	48.9	48.9	0.0	0.0%
88.9%	48.8	48.9	0.1	0.2%
90.1%	48.7	48.8	0.0	0.1%
91.4%	48.6	48.7	0.1	0.2%
92.6%	48.6	48.7	0.1	0.2%
93.8%	48.5	48.6	0.1	0.3%
95.1%	48.3	48.3	0.0	0.0%
96.3%	48.1	48.1	0.0	0.0%
97.5%	48.0	48.0	0.0	0.0%
98.8%	47.7	47.7	0.0	0.0%
100.0%	47.6	47.6	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	61.3	62.3	1.0	1.7%
1.2%	60.9	61.8	0.9	1.5%
2.5%	60.4	61.6	1.2	2.0%
3.7%	60.3	61.1	0.8	1.4%
4.9%	60.3	60.6	0.4	0.6%
6.2%	60.0	60.6	0.5	0.9%
7.4%	59.7	60.3	0.6	1.1%
8.6%	59.6	60.3	0.7	1.2%
9.9%	59.5	60.3	0.8	1.3%
11.1%	59.4	60.3	0.8	1.4%
12.3%	59.2	60.1	0.9	1.5%
13.6%	59.1	60.1	0.9	1.6%
14.8%	59.1	59.8	0.7	1.2%
16.0%	58.7	59.7	1.0	1.7%
17.3%	58.7	59.2	0.5	0.9%
18.5%	58.6	59.1	0.5	0.8%
19.8%	58.6	59.1	0.5	0.8%
21.0%	58.5	59.0	0.5	0.8%
22.2%	58.4	58.9	0.5	0.9%
23.5%	58.3	58.9	0.6	1.0%
24.7%	58.2	58.8	0.6	1.0%
25.9%	58.2	58.8	0.6	1.0%
27.2%	58.1	58.6	0.4	0.7%
28.4%	58.1	58.6	0.5	0.8%
29.6%	58.1	58.5	0.5	0.8%
30.9%	58.1	58.5	0.5	0.8%
32.1%	58.1	58.5	0.5	0.8%
33.3%	58.0	58.5	0.5	0.9%
34.6%	57.9	58.4	0.4	0.8%
35.8%	57.9	58.4	0.5	0.9%
37.0%	57.9	58.1	0.3	0.4%
38.3%	57.7	58.0	0.3	0.5%
39.5%	57.5	57.9	0.4	0.7%
40.7%	57.4	57.9	0.5	0.9%
42.0%	57.4	57.9	0.5	0.9%
43.2%	57.4	57.8	0.4	0.8%
44.4%	57.3	57.8	0.5	0.8%
45.7%	57.2	57.8	0.5	0.9%
46.9%	57.2	57.7	0.5	0.9%
48.1%	57.2	57.6	0.4	0.7%
49.4%	57.0	57.5	0.5	0.8%
50.6%	57.0	57.5	0.5	0.8%
51.9%	56.8	57.4	0.6	1.1%
53.1%	56.8	57.3	0.5	0.8%
54.3%	56.7	57.2	0.5	0.9%
55.6%	56.6	57.2	0.6	1.0%
56.8%	56.5	57.2	0.6	1.1%
58.0%	56.5	57.1	0.6	1.0%
59.3%	56.4	57.1	0.6	1.1%
60.5%	56.4	57.0	0.6	1.0%
61.7%	56.3	56.9	0.6	1.0%
63.0%	56.3	56.7	0.4	0.8%
64.2%	56.1	56.5	0.4	0.7%
65.4%	56.0	56.4	0.3	0.6%
66.7%	56.0	56.3	0.3	0.5%
67.9%	55.9	56.3	0.4	0.7%
69.1%	55.8	56.0	0.2	0.4%
70.4%	55.6	56.0	0.4	0.7%
71.6%	55.6	55.9	0.3	0.5%
72.8%	55.5	55.8	0.4	0.7%
74.1%	55.4	55.8	0.4	0.7%
75.3%	55.3	55.8	0.5	0.9%
76.5%	55.1	55.8	0.6	1.1%
77.8%	54.8	55.1	0.3	0.5%
79.0%	54.8	55.0	0.2	0.3%
80.2%	54.7	55.0	0.3	0.5%
81.5%	54.5	54.8	0.2	0.4%
82.7%	54.3	54.7	0.3	0.6%
84.0%	54.2	54.6	0.4	0.8%
85.2%	54.1	54.3	0.2	0.4%
86.4%	54.1	54.3	0.2	0.4%
87.7%	54.0	54.2	0.2	0.3%
88.9%	54.0	54.1	0.1	0.2%
90.1%	53.9	54.0	0.1	0.3%
91.4%	53.7	53.9	0.2	0.4%
92.6%	53.5	53.5	0.0	0.0%
93.8%	53.3	53.3	0.0	0.0%
95.1%	53.1	53.3	0.1	0.3%
96.3%	52.9	53.1	0.1	0.3%
97.5%	51.9	51.9	0.0	0.0%
98.8%	50.8	50.8	0.0	0.0%
100.0%	49.5	49.5	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.6	65.7	0.2	0.2%
1.2%	65.5	65.2	-0.3	-0.5%
2.5%	64.9	64.9	0.0	0.0%
3.7%	64.7	64.8	0.0	0.1%
4.9%	64.6	64.8	0.2	0.2%
6.2%	64.4	64.7	0.3	0.5%
7.4%	64.4	64.5	0.1	0.2%
8.6%	64.2	64.4	0.1	0.2%
9.9%	64.2	64.4	0.1	0.2%
11.1%	64.2	64.3	0.1	0.2%
12.3%	64.2	64.3	0.1	0.1%
13.6%	64.1	64.2	0.1	0.2%
14.8%	64.0	64.2	0.2	0.3%
16.0%	63.9	64.0	0.2	0.2%
17.3%	63.8	64.0	0.1	0.2%
18.5%	63.7	63.8	0.1	0.2%
19.8%	63.6	63.8	0.1	0.2%
21.0%	63.4	63.5	0.1	0.1%
22.2%	63.4	63.4	0.0	0.1%
23.5%	63.0	63.4	0.4	0.7%
24.7%	62.9	63.4	0.4	0.7%
25.9%	62.8	63.3	0.5	0.8%
27.2%	62.8	63.2	0.4	0.7%
28.4%	62.7	63.1	0.4	0.6%
29.6%	62.6	63.1	0.4	0.7%
30.9%	62.6	62.9	0.3	0.5%
32.1%	62.6	62.8	0.2	0.3%
33.3%	62.5	62.6	0.1	0.2%
34.6%	62.5	62.6	0.1	0.2%
35.8%	62.3	62.6	0.3	0.5%
37.0%	62.1	62.5	0.4	0.7%
38.3%	62.1	62.5	0.4	0.6%
39.5%	62.1	62.5	0.4	0.7%
40.7%	62.0	62.5	0.4	0.7%
42.0%	62.0	62.4	0.3	0.5%
43.2%	62.0	62.3	0.4	0.6%
44.4%	61.9	62.3	0.4	0.6%
45.7%	61.9	62.3	0.4	0.6%
46.9%	61.9	62.2	0.4	0.6%
48.1%	61.8	62.2	0.3	0.6%
49.4%	61.8	62.1	0.4	0.6%
50.6%	61.8	62.1	0.4	0.6%
51.9%	61.8	62.1	0.4	0.6%
53.1%	61.8	62.1	0.3	0.5%
54.3%	61.7	62.1	0.3	0.5%
55.6%	61.7	62.1	0.3	0.5%
56.8%	61.7	62.0	0.3	0.5%
58.0%	61.7	62.0	0.3	0.5%
59.3%	61.7	61.9	0.2	0.3%
60.5%	61.7	61.8	0.2	0.3%
61.7%	61.6	61.8	0.2	0.3%
63.0%	61.5	61.8	0.3	0.5%
64.2%	61.5	61.8	0.3	0.5%
65.4%	61.4	61.8	0.3	0.6%
66.7%	61.4	61.7	0.3	0.5%
67.9%	61.3	61.5	0.2	0.4%
69.1%	61.3	61.5	0.2	0.3%
70.4%	61.3	61.3	0.0	0.0%
71.6%	61.2	61.2	0.1	0.1%
72.8%	61.1	61.2	0.1	0.2%
74.1%	61.0	61.2	0.2	0.3%
75.3%	60.9	61.2	0.3	0.6%
76.5%	60.8	61.0	0.2	0.4%
77.8%	60.8	60.9	0.1	0.2%
79.0%	60.8	60.9	0.1	0.2%
80.2%	60.7	60.9	0.2	0.3%
81.5%	60.7	60.8	0.1	0.2%
82.7%	60.7	60.7	0.0	0.1%
84.0%	60.4	60.2	-0.1	-0.2%
85.2%	60.2	60.2	0.0	-0.1%
86.4%	60.2	60.1	-0.1	-0.2%
87.7%	60.1	59.9	-0.2	-0.4%
88.9%	60.1	59.9	-0.2	-0.3%
90.1%	59.8	59.8	0.0	-0.1%
91.4%	59.5	59.7	0.3	0.4%
92.6%	59.0	59.7	0.6	1.1%
93.8%	59.0	59.2	0.2	0.4%
95.1%	58.9	58.7	-0.2	-0.3%
96.3%	58.7	58.7	0.0	0.0%
97.5%	58.6	58.6	0.0	0.0%
98.8%	58.0	57.8	-0.1	-0.2%
100.0%	55.5	55.5	0.0	0.0%

Table SQ-10-9b

Sacramento River below Delevan, Monthly Temperature
Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.6	67.8	0.1	0.2%
1.2%	67.6	67.4	-0.2	-0.3%
2.5%	66.7	66.7	0.0	0.0%
3.7%	66.6	66.6	0.0	0.0%
4.9%	66.4	66.6	0.2	0.2%
6.2%	66.4	66.5	0.1	0.1%
7.4%	66.0	66.2	0.2	0.4%
8.6%	65.9	65.9	0.0	0.0%
9.9%	65.9	65.7	-0.2	-0.2%
11.1%	65.8	65.7	-0.1	-0.2%
12.3%	65.7	65.6	-0.2	-0.3%
13.6%	65.5	65.4	-0.1	-0.1%
14.8%	65.4	65.3	-0.1	-0.1%
16.0%	65.3	65.1	-0.2	-0.3%
17.3%	65.2	65.1	-0.1	-0.2%
18.5%	65.2	65.0	-0.2	-0.2%
19.8%	65.1	65.0	-0.1	-0.2%
21.0%	65.1	64.8	-0.3	-0.4%
22.2%	65.1	64.8	-0.3	-0.5%
23.5%	65.1	64.8	-0.3	-0.4%
24.7%	65.1	64.8	-0.3	-0.5%
25.9%	64.9	64.8	-0.2	-0.3%
27.2%	64.9	64.7	-0.2	-0.4%
28.4%	64.9	64.7	-0.2	-0.4%
29.6%	64.9	64.6	-0.2	-0.4%
30.9%	64.9	64.6	-0.3	-0.4%
32.1%	64.6	64.6	0.0	0.0%
33.3%	64.6	64.5	0.0	-0.1%
34.6%	64.5	64.5	0.0	0.0%
35.8%	64.5	64.5	0.0	0.0%
37.0%	64.4	64.4	-0.1	-0.1%
38.3%	64.4	64.3	-0.1	-0.2%
39.5%	64.4	64.3	-0.1	-0.1%
40.7%	64.3	64.2	0.0	0.0%
42.0%	64.2	64.2	0.0	0.0%
43.2%	64.2	64.2	0.0	0.0%
44.4%	64.2	64.2	0.0	0.0%
45.7%	64.2	64.1	0.0	0.0%
46.9%	64.1	64.1	-0.1	-0.1%
48.1%	64.0	64.0	0.0	0.0%
49.4%	64.0	64.0	0.0	0.0%
50.6%	63.9	64.0	0.1	0.2%
51.9%	63.9	63.9	0.1	0.1%
53.1%	63.8	63.9	0.1	0.2%
54.3%	63.7	63.9	0.2	0.3%
55.6%	63.7	63.9	0.2	0.3%
56.8%	63.6	63.9	0.3	0.4%
58.0%	63.5	63.8	0.3	0.5%
59.3%	63.4	63.7	0.3	0.5%
60.5%	63.4	63.7	0.3	0.5%
61.7%	63.3	63.6	0.3	0.5%
63.0%	63.3	63.6	0.4	0.6%
64.2%	63.3	63.6	0.4	0.6%
65.4%	63.2	63.6	0.4	0.6%
66.7%	63.2	63.6	0.4	0.6%
67.9%	63.1	63.5	0.4	0.6%
69.1%	63.1	63.5	0.4	0.6%
70.4%	63.1	63.4	0.3	0.5%
71.6%	63.0	63.4	0.4	0.6%
72.8%	63.0	63.4	0.4	0.7%
74.1%	63.0	63.2	0.3	0.5%
75.3%	62.9	63.2	0.3	0.5%
76.5%	62.9	63.2	0.3	0.5%
77.8%	62.9	63.1	0.2	0.3%
79.0%	62.9	63.0	0.1	0.2%
80.2%	62.8	63.0	0.1	0.2%
81.5%	62.8	62.9	0.0	0.1%
82.7%	62.7	62.8	0.1	0.1%
84.0%	62.6	62.7	0.1	0.2%
85.2%	62.6	62.6	0.0	0.0%
86.4%	62.5	62.6	0.0	0.0%
87.7%	62.5	62.5	0.0	0.1%
88.9%	62.4	62.5	0.0	0.0%
90.1%	62.4	62.4	0.0	0.0%
91.4%	62.4	62.4	0.1	0.1%
92.6%	62.2	62.2	0.0	0.1%
93.8%	62.0	62.2	0.1	0.2%
95.1%	62.0	61.8	-0.2	-0.4%
96.3%	61.6	61.5	-0.1	-0.2%
97.5%	61.5	61.5	0.0	0.0%
98.8%	61.5	61.0	-0.4	-0.7%
100.0%	60.6	60.8	0.2	0.4%

July				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	69.7	69.5	-0.2	-0.3%
1.2%	69.6	68.8	-0.8	-1.1%
2.5%	68.7	68.2	-0.5	-0.7%
3.7%	68.5	68.2	-0.3	-0.4%
4.9%	68.1	68.2	0.1	0.1%
6.2%	67.9	68.1	0.2	0.2%
7.4%	67.9	67.9	0.1	0.1%
8.6%	67.8	67.6	-0.3	-0.4%
9.9%	67.7	67.5	-0.2	-0.3%
11.1%	67.6	67.4	-0.2	-0.3%
12.3%	67.6	67.3	-0.3	-0.4%
13.6%	67.6	67.2	-0.4	-0.6%
14.8%	67.5	67.1	-0.4	-0.6%
16.0%	67.1	67.0	-0.1	-0.2%
17.3%	67.1	67.0	-0.1	-0.2%
18.5%	67.0	67.0	-0.1	-0.1%
19.8%	67.0	66.9	0.0	-0.1%
21.0%	66.8	66.7	-0.1	-0.2%
22.2%	66.7	66.7	0.0	0.0%
23.5%	66.7	66.5	-0.2	-0.3%
24.7%	66.7	66.4	-0.3	-0.4%
25.9%	66.7	66.4	-0.3	-0.4%
27.2%	66.4	66.3	-0.1	-0.2%
28.4%	66.4	66.3	-0.1	-0.2%
29.6%	66.4	66.3	-0.1	-0.2%
30.9%	66.4	66.2	-0.2	-0.3%
32.1%	66.4	66.2	-0.2	-0.3%
33.3%	66.3	66.1	-0.2	-0.4%
34.6%	66.2	66.0	-0.2	-0.3%
35.8%	66.0	66.0	-0.1	-0.1%
37.0%	65.9	65.9	0.0	0.0%
38.3%	65.9	65.9	0.0	0.0%
39.5%	65.9	65.8	0.0	-0.1%
40.7%	65.8	65.8	0.0	0.0%
42.0%	65.7	65.7	0.0	0.0%
43.2%	65.6	65.7	0.1	0.1%
44.4%	65.5	65.7	0.2	0.3%
45.7%	65.5	65.6	0.1	0.2%
46.9%	65.4	65.6	0.1	0.2%
48.1%	65.4	65.4	0.0	0.1%
49.4%	65.3	65.3	0.1	0.1%
50.6%	65.3	65.3	0.1	0.1%
51.9%	65.3	65.3	0.0	0.0%
53.1%	65.3	65.3	0.0	0.0%
54.3%	65.2	65.3	0.1	0.1%
55.6%	65.2	65.3	0.1	0.1%
56.8%	65.1	65.2	0.0	0.1%
58.0%	65.1	65.1	0.0	0.0%
59.3%	65.1	65.1	0.0	0.0%
60.5%	65.0	65.0	-0.1	-0.1%
61.7%	65.0	64.9	-0.1	-0.1%
63.0%	64.9	64.9	0.0	0.0%
64.2%	64.9	64.8	-0.1	-0.1%
65.4%	64.8	64.7	-0.1	-0.1%
66.7%	64.7	64.7	0.0	0.0%
67.9%	64.6	64.7	0.1	0.2%
69.1%	64.5	64.7	0.2	0.3%
70.4%	64.5	64.7	0.2	0.3%
71.6%	64.5	64.7	0.2	0.2%
72.8%	64.4	64.6	0.1	0.2%
74.1%	64.4	64.5	0.0	0.0%
75.3%	64.3	64.4	0.1	0.1%
76.5%	64.3	64.3	0.1	0.1%
77.8%	64.2	64.1	-0.1	-0.2%
79.0%	64.2	64.0	-0.1	-0.2%
80.2%	64.1	64.0	-0.1	-0.1%
81.5%	63.9	64.0	0.1	0.1%
82.7%	63.9	64.0	0.0	0.0%
84.0%	63.9	63.8	-0.1	-0.2%
85.2%	63.9	63.7	-0.1	-0.2%
86.4%	63.7	63.7	-0.1	-0.1%
87.7%	63.7	63.6	-0.1	-0.2%
88.9%	63.4	63.5	0.1	0.2%
90.1%	63.3	63.5	0.1	0.2%
91.4%	63.3	63.4	0.2	0.2%
92.6%	63.2	63.3	0.1	0.1%
93.8%	63.1	63.0	-0.1	-0.2%
95.1%	63.1	63.0	-0.1	-0.1%
96.3%	62.7	62.9	0.2	0.4%
97.5%	62.7	62.9	0.2	0.3%
98.8%	62.4	62.3	-0.1	-0.1%
100.0%	62.0	61.8	-0.2	-0.3%

August				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	71.7	69.8	-1.9	-2.7%
1.2%	71.5	68.3	-3.3	-4.5%
2.5%	69.9	68.0	-1.8	-2.6%
3.7%	69.7	68.0	-1.7	-2.4%
4.9%	69.3	67.9	-1.4	-2.0%
6.2%	68.9	67.8	-1.1	-1.6%
7.4%	68.2	67.6	-0.6	-0.8%
8.6%	68.0	67.3	-0.6	-0.9%
9.9%	68.0	67.1	-0.8	-1.2%
11.1%	68.0	67.1	-0.8	-1.2%
12.3%	67.9	67.1	-0.8	-1.1%
13.6%	67.8	66.9	-0.9	-1.3%
14.8%	67.7	66.7	-1.0	-1.5%
16.0%	67.3	66.7	-0.6	-0.8%
17.3%	67.3	66.7	-0.6	-0.9%
18.5%	67.2	66.6	-0.5	-0.8%
19.8%	67.1	66.6	-0.6	-0.9%
21.0%	67.0	66.6	-0.5	-0.7%
22.2%	67.0	66.5	-0.4	-0.6%
23.5%	66.6	66.5	0.0	-0.1%
24.7%	66.5	66.5	0.0	0.0%
25.9%	66.4	66.5	0.1	0.2%
27.2%	66.4	66.5	0.1	0.2%
28.4%	66.3	66.4	0.1	0.1%
29.6%	66.3	66.4	0.1	0.1%
30.9%	66.3	66.4	0.1	0.2%
32.1%	66.2	66.4	0.2	0.3%
33.3%	66.2	66.3	0.1	0.1%
34.6%	66.1	66.2	0.1	0.1%
35.8%	66.1	66.2	0.1	0.1%
37.0%	66.1	66.1	0.1	0.1%
38.3%	66.0	65.9	-0.1	-0.1%
39.5%	65.9	65.9	0.0	-0.1%
40.7%	65.9	65.9	0.0	0.0%
42.0%	65.8	65.9	0.1	0.1%
43.2%	65.8	65.8	0.0	0.0%
44.4%	65.8	65.8	0.0	0.0%
45.7%	65.7	65.7	0.1	0.1%
46.9%	65.6	65.7	0.1	0.2%
48.1%	65.5	65.7	0.1	0.2%
49.4%	65.5	65.6	0.1	0.2%
50.6%	65.5	65.6	0.2	0.2%
51.9%	65.4	65.6	0.2	0.3%
53.1%	65.4	65.6	0.2	0.3%
54.3%	65.4	65.6	0.2	0.3%
55.6%	65.4	65.5	0.2	0.3%
56.8%	65.3	65.5	0.2	0.3%
58.0%	65.3	65.5	0.2	0.3%
59.3%	65.3	65.5	0.2	0.3%
60.5%	65.2	65.5	0.3	0.5%
61.7%	65.2	65.5	0.3	0.5%
63.0%	65.2	65.3	0.2	0.3%
64.2%	65.1	65.3	0.2	0.3%
65.4%	65.1	65.2	0.1	0.1%
66.7%	65.0	65.2	0.2	0.3%
67.9%	65.0	65.1	0.1	0.1%
69.1%	65.0	65.0	0.0	0.0%
70.4%	64.9	65.0	0.2	0.2%
71.6%	64.8	65.0	0.2	0.3%
72.8%	64.4	64.9	0.5	0.8%
74.1%	64.4	64.9	0.5	0.7%
75.3%	64.3	64.8	0.4	0.7%
76.5%	64.3	64.7	0.4	0.6%
77.8%	64.3	64.7	0.4	0.6%
79.0%	64.3	64.5	0.3	0.4%
80.2%	64.3	64.5	0.3	0.4%
81.5%	64.2	64.5	0.3	0.4%
82.7%	64.2	64.4	0.3	0.4%
84.0%	63.9	64.4	0.4	0.7%
85.2%	63.9	64.3	0.4	0.6%
86.4%	63.9	64.2	0.4	0.6%
87.7%	63.7	64.1	0.4	0.7%
88.9%	63.6	64.1	0.5	0.7%
90.1%	63.5	64.0	0.4	0.7%
91.4%	63.5	64.0	0.5	0.8%
92.6%	63.4	63.7	0.3	0.5%
93.8%	63.2	63.6	0.4	0.6%
95.1%	63.2	63.4	0.2	0.3%
96.3%	63.2	63.3	0.2	0.3%
97.5%	63.1	63.1	0.0	0.0%
98.8%	63.0	63.1	0.1	0.1%
100.0%	62.8	63.0	0.2	0.3%

September				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	68.7	67.8	-0.9	-1.3%
1.2%	68.5	67.7	-0.8	-1.2%
2.5%	68.3	67.6	-0.7	-1.0%
3.7%	68.2	67.3	-0.8	-1.2%
4.9%	67.8	67.2	-0.7	-1.0%
6.2%	67.4	67.0	-0.4	-0.6%
7.4%	67.0	66.7	-0.3	-0.4%
8.6%	66.6	66.2	-0.5	-0.7%
9.9%	66.3	65.9	-0.4	-0.6%
11.1%	66.3	65.7	-0.6	-0.9%
12.3%	66.1	65.7	-0.4	-0.7%
13.6%	66.0	65.3	-0.7	-1.1%
14.8%	66.0	65.0	-1.0	-1.5%
16.0%	65.7	65.0	-0.7	-1.1%
17.3%	65.4	64.9	-0.5	-0.7%
18.5%	65.3	64.9	-0.3	-0.5%
19.8%	65.2	64.9	-0.3	-0.5%
21.0%	65.1	64.8	-0.3	-0.4%
22.2%	65.0	64.7	-0.3	-0.5%
23.5%	65.0	64.7	-0.3	-0.4%
24.7%	64.9	64.5	-0.5	-0.7%
25.9%	64.8	64.4	-0.3	-0.5%
27.2%	64.8	64.4	-0.4	-0.6%
28.4%	64.8	64.4	-0.4	-0.6%
29.6%	64.7	64.3	-0.4	-0.6%
30.9%	64.6	64.3	-0.3	-0.4%
32.1%	64.5	64.3	-0.3	-0.4%
33.3%	64.4	64.2	-0.2	-0.3%
34.6%	64.4	64.2	-0.2	-0.3%
35.8%	64.3	64.1	-0.2	-0.3%
37.0%	64.2	64.0	-0.2	-0.3%
38.3%	64.0	63.9	-0.1	-0.2%
39.5%	64.0	63.8	-0.2	-0.3%
40.7%	63.9	63.6	-0.4	-0.6%
42.0%	63.8	63.5	-0.3	-0.5%
43.2%	63.7	63.4	-0.3	-0.5%
44.4%	63.6	63.3	-0.3	-0.5%
45.7%	63.5	63.2	-0.2	-0.4%
46.9%	63.5	63.1	-0.4	-0.6%
48.1%	63.4	63.1	-0.3	-0.5%
49.4%	63.4	63.1	-0.3	-0.5%
50.6%	63.3	63.1	-0.2	-0.4%
51.9%	63.2	63.1	-0.1	-0.2%
53.1%	63.2	63.1	-0.1	-0.2%
54.3%	63.0	63.1	0.0	0.1%
55.6%	62.9	63.0	0.1	0.2%
56.8%	62.8	63.0	0.1	0.2%
58.0%	62.8	63.0	0.2	0.3%
59.3%	62.8	62.9	0.1	0.2%
60.5%	62.5	62.9	0.4	0.7%
61.7%	62.5	62.9	0.4	0.6%
63.0%	62.4	62.6	0.3	0.4%
64.2%	62.3	62.5	0.2	0.3%
65.4%	62.3	62.5	0.2	0.3%
66.7%	62.3	62.4	0.1	0.2%
67.9%	62.2	62.1	-0.2	-0.3%
69.1%	61.9	61.9	0.0	0.0%
70.4%	61.8	61.9	0.1	0.2%
71.6%	61.6	61.9	0.3	0.4%
72.8%	61.6	61.9	0.3	0.5%
74.1%	61.6	61.7	0.1	0.2%
75.3%	61.5	61.6	0.1	0.2%
76.5%	61.4	61.5	0.1	0.1%
77.8%	61.2	61.4	0.1	0.2%
79.0%	61.2	61.2	0.0	0.0%
80.2%	61.2	61.2	0.0	0.0%
81.5%	61.0	61.1	0.1	0.1%
82.7%	61.0	61.1	0.1	0.2%
84.0%	61.0	61.0	0.0	0.1%
85.2%	60.9	61.0	0.1	0.1%
86.4%	60.9	60.9	0.0	0.1%
87.7%	60.8	60.9	0.1	0.1%
88.9%	60.7	60.6	-0.1	-0.2%
90.1%	60.6	60.5	-0.1	-0.2%
91.4%	60.5	60.3	-0.2	-0.4%
92.6%	60.4	60.2	-0.2	-0.3%
93.8%	60.3	60.0	-0.4	-0.6%
95.1%	60.0	59.7	-0.2	-0.4%
96.3%	59.7	59.6	0.0	-0.1%
97.5%	59.2	59.2	0.0	0.0%
98.8%	59.0	59.0	0.0	0.0%
100.0%	59.0	58.5	-0.5	-0.9%

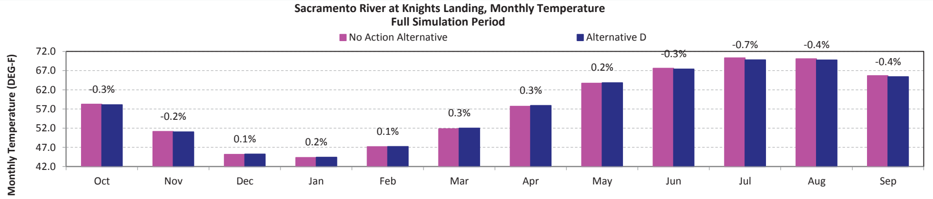
Table SQ-11-9a
Sacramento River at Knights Landing, Monthly Temperature
Long-term Average and Average by Water Year Type

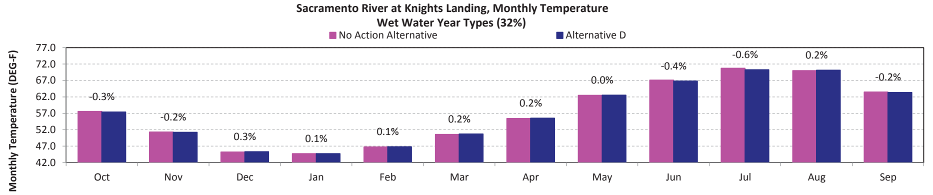
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	58.3	51.1	45.2	44.4	47.2	51.9	57.7	63.7	67.6	70.3	70.1	65.7
Alternative D	58.1	51.0	45.2	44.4	47.2	52.0	57.9	63.8	67.4	69.8	69.8	65.4
Difference	-0.2	-0.1	0.1	0.1	0.1	0.2	0.2	0.1	-0.2	-0.5	-0.3	-0.3
Percent Difference[3]	-0.3%	-0.2%	0.1%	0.2%	0.1%	0.3%	0.3%	0.2%	-0.3%	-0.7%	-0.4%	-0.4%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	57.6	51.3	45.2	44.7	46.8	50.6	55.4	62.5	67.1	70.7	70.0	63.5
Alternative D	57.4	51.2	45.3	44.7	46.8	50.7	55.5	62.5	66.8	70.3	70.2	63.3
Difference	-0.2	-0.1	0.1	0.0	0.0	0.1	0.1	0.0	-0.3	-0.4	0.1	-0.1
Percent Difference	-0.3%	-0.2%	0.3%	0.1%	0.1%	0.2%	0.2%	0.0%	-0.4%	-0.6%	0.2%	-0.2%
Above Normal (15%)												
No Action Alternative	58.0	50.7	45.5	44.8	47.0	51.7	57.6	64.4	67.9	69.8	70.1	65.4
Alternative D	57.9	50.7	45.6	44.8	47.1	51.8	57.8	64.4	67.8	69.0	69.9	65.3
Difference	-0.1	0.0	0.1	0.1	0.1	0.2	0.3	0.1	-0.1	-0.8	-0.2	-0.1
Percent Difference	-0.2%	0.0%	0.3%	0.2%	0.1%	0.3%	0.4%	0.1%	-0.2%	-1.2%	-0.2%	-0.2%
Below Normal (17%)												
No Action Alternative	57.7	51.0	45.3	44.2	46.7	51.9	58.6	64.2	67.7	70.1	69.8	66.5
Alternative D	57.5	50.9	45.3	44.2	46.7	52.2	58.9	64.5	67.5	69.4	69.5	66.1
Difference	-0.3	-0.1	0.0	0.1	0.1	0.3	0.3	0.2	-0.2	-0.7	-0.3	-0.4
Percent Difference	-0.5%	-0.1%	0.0%	0.1%	0.1%	0.5%	0.5%	0.4%	-0.2%	-1.1%	-0.4%	-0.6%
Dry (22%)												
No Action Alternative	58.6	51.4	45.2	44.0	47.4	52.6	59.4	64.2	68.2	69.9	69.7	67.0
Alternative D	58.5	51.3	45.2	44.1	47.5	52.8	59.6	64.3	68.0	69.5	69.3	66.6
Difference	-0.1	-0.1	0.0	0.1	0.0	0.2	0.2	0.1	-0.1	-0.4	-0.5	-0.3
Percent Difference	-0.2%	-0.2%	-0.1%	0.3%	0.1%	0.3%	0.4%	0.1%	-0.2%	-0.6%	-0.7%	-0.5%
Critical (15%)												
No Action Alternative	60.1	50.9	44.7	44.1	48.4	53.6	59.3	64.4	67.5	70.7	71.1	67.8
Alternative D	60.0	50.8	44.7	44.2	48.5	53.7	59.5	64.8	67.3	70.4	69.9	67.3
Difference	-0.2	-0.1	0.0	0.1	0.1	0.1	0.2	0.4	-0.2	-0.3	-1.2	-0.5
Percent Difference	-0.3%	-0.3%	0.0%	0.3%	0.2%	0.2%	0.4%	0.6%	-0.3%	-0.4%	-1.6%	-0.8%

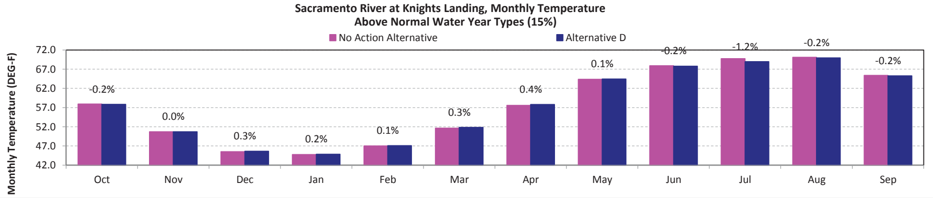
1 Based on the 82-year simulation period

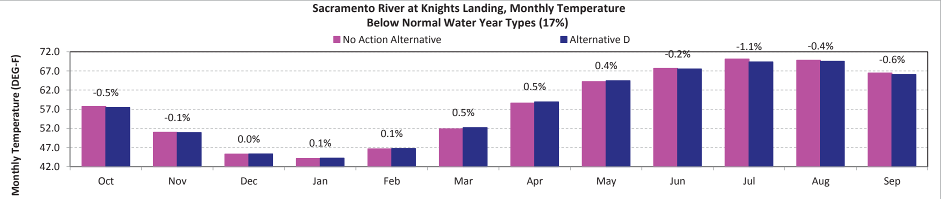
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

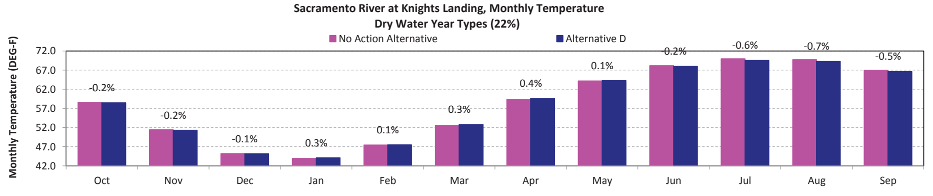
3 Relative difference of the monthly average


Sacramento River at Knights Landing, Monthly Temperature
Full Simulation Period


Sacramento River at Knights Landing, Monthly Temperature
Wet Water Year Types (32%)


Sacramento River at Knights Landing, Monthly Temperature
Above Normal Water Year Types (15%)


Sacramento River at Knights Landing, Monthly Temperature
Below Normal Water Year Types (17%)


Sacramento River at Knights Landing, Monthly Temperature
Dry Water Year Types (22%)

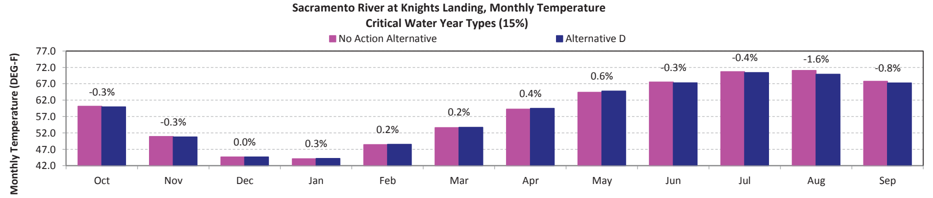

Sacramento River at Knights Landing, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-11-9b
Sacramento River at Knights Landing, Monthly Temperature
Probability of Exceedance

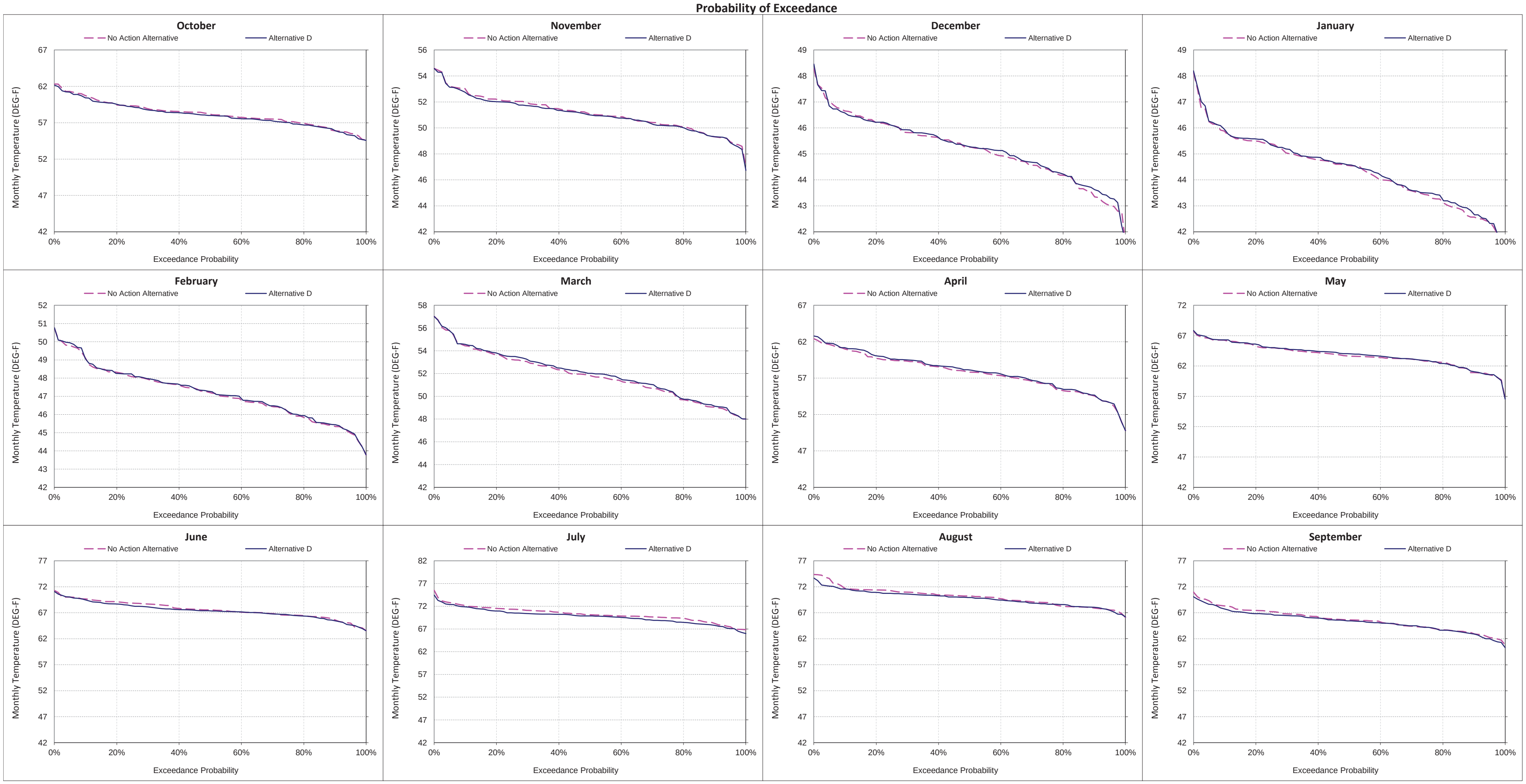


Table SQ-11-9b

Sacramento River at Knights Landing, Monthly Temperature
Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	62.3	62.2	-0.2	-0.2%
1.2%	62.3	62.0	-0.4	-0.6%
2.5%	61.7	61.4	-0.4	-0.6%
3.7%	61.3	61.2	-0.1	-0.1%
4.9%	61.3	61.2	-0.1	-0.2%
6.2%	61.2	60.9	-0.3	-0.5%
7.4%	61.0	60.9	-0.1	-0.2%
8.6%	61.0	60.7	-0.3	-0.5%
9.9%	60.7	60.4	-0.3	-0.5%
11.1%	60.5	60.4	-0.2	-0.3%
12.3%	60.4	60.0	-0.4	-0.7%
13.6%	60.1	59.9	-0.2	-0.4%
14.8%	60.0	59.8	-0.1	-0.2%
16.0%	59.8	59.8	-0.1	-0.1%
17.3%	59.8	59.7	0.0	0.0%
18.5%	59.7	59.7	0.0	0.0%
19.8%	59.4	59.6	0.1	0.2%
21.0%	59.4	59.4	0.0	0.0%
22.2%	59.4	59.4	0.0	0.0%
23.5%	59.3	59.2	-0.1	-0.2%
24.7%	59.3	59.2	-0.1	-0.2%
25.9%	59.3	59.1	-0.2	-0.3%
27.2%	59.2	59.1	-0.2	-0.3%
28.4%	59.2	58.9	-0.3	-0.5%
29.6%	59.0	58.8	-0.2	-0.3%
30.9%	58.8	58.7	-0.1	-0.2%
32.1%	58.8	58.7	-0.1	-0.2%
33.3%	58.8	58.6	-0.2	-0.3%
34.6%	58.7	58.6	-0.1	-0.2%
35.8%	58.6	58.4	-0.2	-0.3%
37.0%	58.6	58.4	-0.2	-0.3%
38.3%	58.6	58.4	-0.2	-0.3%
39.5%	58.6	58.4	-0.2	-0.3%
40.7%	58.5	58.4	-0.2	-0.3%
42.0%	58.5	58.3	-0.2	-0.3%
43.2%	58.5	58.3	-0.2	-0.3%
44.4%	58.4	58.2	-0.2	-0.4%
45.7%	58.4	58.2	-0.3	-0.5%
46.9%	58.4	58.1	-0.4	-0.6%
48.1%	58.3	58.1	-0.3	-0.4%
49.4%	58.3	58.0	-0.3	-0.5%
50.6%	58.1	58.0	-0.1	-0.2%
51.9%	58.1	58.0	-0.1	-0.2%
53.1%	58.1	57.9	-0.1	-0.2%
54.3%	57.9	57.9	0.0	-0.1%
55.6%	57.9	57.9	0.0	0.0%
56.8%	57.9	57.7	-0.2	-0.4%
58.0%	57.9	57.6	-0.3	-0.4%
59.3%	57.7	57.6	-0.2	-0.3%
60.5%	57.7	57.5	-0.2	-0.3%
61.7%	57.7	57.5	-0.1	-0.2%
63.0%	57.6	57.5	-0.1	-0.2%
64.2%	57.6	57.5	-0.1	-0.2%
65.4%	57.6	57.4	-0.1	-0.3%
66.7%	57.6	57.4	-0.2	-0.3%
67.9%	57.5	57.3	-0.2	-0.3%
69.1%	57.5	57.3	-0.2	-0.4%
70.4%	57.5	57.2	-0.3	-0.5%
71.6%	57.5	57.1	-0.3	-0.6%
72.8%	57.4	57.1	-0.3	-0.6%
74.1%	57.2	57.0	-0.1	-0.2%
75.3%	57.2	57.0	-0.1	-0.2%
76.5%	57.1	56.8	-0.3	-0.6%
77.8%	57.1	56.8	-0.2	-0.4%
79.0%	57.0	56.7	-0.2	-0.4%
80.2%	56.9	56.7	-0.2	-0.4%
81.5%	56.8	56.7	-0.1	-0.2%
82.7%	56.7	56.6	-0.1	-0.2%
84.0%	56.6	56.5	-0.1	-0.2%
85.2%	56.5	56.4	-0.1	-0.1%
86.4%	56.4	56.3	-0.1	-0.2%
87.7%	56.3	56.3	0.0	-0.1%
88.9%	56.0	56.2	0.2	0.3%
90.1%	55.9	55.9	0.0	0.0%
91.4%	55.8	55.7	-0.1	-0.2%
92.6%	55.8	55.7	-0.1	-0.2%
93.8%	55.7	55.4	-0.3	-0.6%
95.1%	55.5	55.3	-0.2	-0.4%
96.3%	55.5	55.2	-0.3	-0.5%
97.5%	55.2	54.8	-0.4	-0.7%
98.8%	54.7	54.7	0.0	0.0%
100.0%	54.7	54.6	0.0	-0.2%

November				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.6	54.6	0.0	0.0%
1.2%	54.5	54.3	-0.2	-0.3%
2.5%	54.3	54.3	0.0	0.0%
3.7%	53.5	53.4	0.0	0.0%
4.9%	53.2	53.1	-0.1	-0.1%
6.2%	53.1	53.1	0.0	0.0%
7.4%	53.1	53.0	-0.1	-0.1%
8.6%	53.0	52.9	-0.1	-0.3%
9.9%	53.0	52.7	-0.3	-0.5%
11.1%	52.6	52.5	-0.1	-0.1%
12.3%	52.5	52.4	0.0	-0.1%
13.6%	52.5	52.3	-0.2	-0.4%
14.8%	52.4	52.2	-0.2	-0.4%
16.0%	52.4	52.1	-0.2	-0.5%
17.3%	52.2	52.1	-0.2	-0.3%
18.5%	52.2	52.0	-0.2	-0.4%
19.8%	52.2	52.0	-0.2	-0.4%
21.0%	52.2	52.0	-0.2	-0.3%
22.2%	52.1	52.0	-0.1	-0.2%
23.5%	52.1	52.0	-0.1	-0.2%
24.7%	52.1	52.0	-0.1	-0.2%
25.9%	52.0	51.9	-0.1	-0.3%
27.2%	52.0	51.8	-0.3	-0.5%
28.4%	52.0	51.8	-0.3	-0.5%
29.6%	52.0	51.7	-0.3	-0.5%
30.9%	51.8	51.7	-0.2	-0.3%
32.1%	51.8	51.7	-0.1	-0.3%
33.3%	51.8	51.6	-0.1	-0.3%
34.6%	51.8	51.5	-0.2	-0.5%
35.8%	51.8	51.5	-0.3	-0.5%
37.0%	51.5	51.5	0.0	0.0%
38.3%	51.5	51.5	0.0	0.0%
39.5%	51.5	51.4	-0.1	-0.3%
40.7%	51.4	51.3	-0.1	-0.2%
42.0%	51.4	51.3	-0.1	-0.2%
43.2%	51.3	51.3	-0.1	-0.2%
44.4%	51.3	51.2	-0.1	-0.1%
45.7%	51.2	51.2	0.0	-0.1%
46.9%	51.2	51.2	-0.1	-0.2%
48.1%	51.2	51.1	-0.1	-0.3%
49.4%	51.1	51.0	-0.1	-0.2%
50.6%	51.0	51.0	-0.1	-0.1%
51.9%	51.0	50.9	-0.1	-0.1%
53.1%	51.0	50.9	-0.1	-0.1%
54.3%	51.0	50.9	-0.1	-0.1%
55.6%	50.9	50.9	0.0	0.0%
56.8%	50.9	50.9	0.0	0.0%
58.0%	50.9	50.8	-0.1	-0.2%
59.3%	50.9	50.8	-0.1	-0.2%
60.5%	50.9	50.8	-0.1	-0.2%
61.7%	50.7	50.7	0.0	0.0%
63.0%	50.7	50.7	0.0	0.0%
64.2%	50.6	50.6	0.0	-0.1%
65.4%	50.5	50.6	0.1	0.1%
66.7%	50.5	50.5	0.0	0.0%
67.9%	50.5	50.5	0.0	0.0%
69.1%	50.4	50.4	-0.1	-0.1%
70.4%	50.4	50.3	-0.2	-0.3%
71.6%	50.4	50.2	-0.2	-0.4%
72.8%	50.3	50.2	-0.1	-0.1%
74.1%	50.2	50.2	-0.1	-0.1%
75.3%	50.2	50.2	-0.1	-0.2%
76.5%	50.2	50.2	-0.1	-0.1%
77.8%	50.2	50.1	0.0	-0.1%
79.0%	50.1	50.1	0.0	-0.1%
80.2%	50.1	50.0	-0.1	-0.2%
81.5%	50.0	49.9	-0.1	-0.3%
82.7%	49.9	49.8	-0.1	-0.3%
84.0%	49.7	49.8	0.1	0.2%
85.2%	49.7	49.6	0.0	-0.1%
86.4%	49.6	49.6	0.0	-0.1%
87.7%	49.4	49.4	0.0	0.0%
88.9%	49.4	49.4	0.0	0.0%
90.1%	49.3	49.3	0.0	0.0%
91.4%	49.3	49.3	0.0	0.0%
92.6%	49.2	49.3	0.1	0.1%
93.8%	49.2	49.2	0.0	0.0%
95.1%	48.9	48.9	-0.1	-0.1%
96.3%	48.8	48.7	-0.1	-0.1%
97.5%	48.7	48.5	-0.2	-0.3%
98.8%	48.6	48.4	-0.2	-0.5%
100.0%	47.1	46.7	-0.3	-0.7%

December				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	48.3	48.5	0.2	0.4%
1.2%	47.7	47.7	0.0	0.0%
2.5%	47.5	47.4	-0.1	-0.2%
3.7%	47.2	47.4	0.3	0.6%
4.9%	47.0	46.9	-0.2	-0.4%
6.2%	46.9	46.7	-0.2	-0.3%
7.4%	46.8	46.7	-0.1	-0.1%
8.6%	46.7	46.6	-0.1	-0.2%
9.9%	46.7	46.6	-0.1	-0.2%
11.1%	46.6	46.5	-0.1	-0.3%
12.3%	46.6	46.4	-0.1	-0.3%
13.6%	46.5	46.4	0.0	-0.1%
14.8%	46.5	46.4	0.0	-0.1%
16.0%	46.4	46.3	-0.1	-0.2%
17.3%	46.3	46.3	0.0	-0.1%
18.5%	46.3	46.3	-0.1	-0.1%
19.8%	46.2	46.2	0.0	0.0%
21.0%	46.2	46.2	0.0	0.1%
22.2%	46.2	46.2	0.0	0.1%
23.5%	46.1	46.2	0.0	0.1%
24.7%	46.1	46.1	0.0	0.0%
25.9%	46.1	46.1	0.0	0.0%
27.2%	46.0	46.0	0.0	0.0%
28.4%	45.8	45.9	0.1	0.2%
29.6%	45.8	45.9	0.1	0.2%
30.9%	45.8	45.9	0.1	0.2%
32.1%	45.8	45.8	0.0	0.0%
33.3%	45.7	45.8	0.1	0.2%
34.6%	45.7	45.8	0.1	0.2%
35.8%	45.7	45.8	0.1	0.2%
37.0%	45.7	45.8	0.1	0.2%
38.3%	45.7	45.7	0.1	0.2%
39.5%	45.6	45.7	0.0	0.1%
40.7%	45.6	45.6	0.0	0.0%
42.0%	45.5	45.5	0.0	-0.1%
43.2%	45.5	45.5	-0.1	-0.2%
44.4%	45.5	45.5	0.0	0.0%
45.7%	45.4	45.4	-0.1	-0.1%
46.9%	45.4	45.4	0.0	-0.1%
48.1%	45.3	45.3	0.0	0.1%
49.4%	45.3	45.3	0.0	0.1%
50.6%	45.3	45.3	0.0	0.0%
51.9%	45.2	45.3	0.0	0.1%
53.1%	45.2	45.2	0.0	0.0%
54.3%	45.2	45.2	0.0	0.0%
55.6%	45.1	45.2	0.1	0.2%
56.8%	45.0	45.2	0.1	0.3%
58.0%	45.0	45.1	0.2	0.4%
59.3%	44.9	45.1	0.2	0.4%
60.5%	44.9	45.1	0.2	0.5%
61.7%	44.9	45.1	0.2	0.4%
63.0%	44.8	44.9	0.1	0.2%
64.2%	44.8	44.9	0.1	0.2%
65.4%	44.7	44.8	0.1	0.3%
66.7%	44.7	44.7	0.0	0.1%
67.9%	44.7	44.7	0.0	0.0%
69.1%	44.6	44.7	0.1	0.3%
70.4%	44.6	44.7	0.1	0.2%
71.6%	44.6	44.7	0.1	0.2%
72.8%	44.4	44.5	0.1	0.2%
74.1%	44.4	44.5	0.1	0.1%
75.3%	44.4	44.4	0.0	0.1%
76.5%	44.3	44.3	0.0	0.0%
77.8%	44.2	44.3	0.1	0.1%
79.0%	44.2	44.3	0.1	0.2%
80.2%	44.2	44.2	0.0	0.1%
81.5%	44.2	44.1	0.0	0.0%
82.7%	44.1	44.1	0.1	0.1%
84.0%	43.9	43.9	0.0	0.0%
85.2%	43.7	43.8	0.2	0.4%
86.4%	43.7	43.8	0.1	0.3%
87.7%	43.6	43.8	0.2	0.4%
88.9%	43.6	43.7	0.2	0.4%
90.1%	43.3	43.6	0.3	0.6%
91.4%	43.3	43.6	0.3	0.6%
92.6%	43.2	43.4	0.3	0.6%
93.8%	43.1	43.4	0.3	0.8%
95.1%	43.0	43.3	0.3	0.7%
96.3%	43.0	43.3	0.3	0.7%
97.5%	42.8	43.1	0.3	0.8%
98.8%	42.8	42.3	-0.5	-1.2%
100.0%	41.5	41.6	0.1	0.1%

January				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	48.1	48.2	0.1	0.1%
1.2%	47.5	47.6	0.1	0.1%
2.5%	46.8	47.0	0.3	0.5%
3.7%	46.7	46.8	0.1	0.3%
4.9%	46.2	46.3	0.0	0.0%
6.2%	46.1	46.2	0.1	0.1%
7.4%	46.1	46.1	0.0	0.0%
8.6%	45.9	46.1	0.2	0.4%
9.9%	45.9	46.0	0.1	0.2%
11.1%	45.7	45.8	0.0	0.1%
12.3%	45.7	45.7	0.0	0.0%
13.6%	45.6	45.6	0.0	0.1%
14.8%	45.6	45.6	0.0	0.1%
16.0%	45.5	45.6	0.1	0.1%
17.3%	45.5	45.6	0.1	0.2%
18.5%	45.5	45.6	0.1	0.2%
19.8%	45.5	45.6	0.1	0.2%
21.0%	45.5	45.6	0.1	0.2%
22.2%	45.4	45.6	0.1	0.3%
23.5%	45.4	45.5	0.1	0.2%
24.7%	45.4	45.3	0.0	-0.1%
25.9%	45.4	45.3	-0.1	-0.1%
27.2%	45.2	45.3	0.0	0.0%
28.4%	45.2	45.2	0.1	0.1%
29.6%	45.0	45.2	0.1	0.3%
30.9%	45.0	45.2	0.2	0.4%
32.1%	45.0	45.0	0.1	0.1%
33.3%	44.9	45.0	0.1	0.1%
34.6%	44.9	44.9	0.0	0.0%
35.8%	44.9	44.9	0.0	0.0%
37.0%	44.8	44.9	0.0	0.1%
38.3%	44.8	44.9	0.1	0.1%
39.5%	44.8	44.9	0.1	0.2%
40.7%	44.8	44.9	0.1	0.2%
42.0%	44.7	44.8	0.0	0.0%
43.2%	44.7	44.7	0.0	0.0%
44.4%	44.7	44.7	0.0	0.1%
45.7%	44.6	44.6	0.0	0.1%
46.9%	44.6	44.6	0.0	0.1%
48.1%	44.6	44.6	0.0	0.1%
49.4%	44.6	44.6	0.0	0.0%
50.6%	44.5	44.6	0.0	0.1%
51.9%	44.5	44.5	0.0	0.0%
53.1%	44.5	44.4	-0.1	-0.2%
54.3%	44.4	44.4	0.0	0.1%
55.6%	44.3	44.4	0.1	0.2%
56.8%	44.2	44.4	0.1	0.3%
58.0%	44.1	44.3	0.1	0.3%
59.3%	44.0	44.2	0.2	0.5%
60.5%	44.0	44.1	0.1	0.3%
61.7%	44.0	44.1	0.1	0.2%
63.0%	44.0	44.0	0.1	0.2%
64.2%	43.9	43.9	0.0	0.0%
65.4%	43.8	43.8	0.0	0.0%
66.7%	43.8	43.8	0.0	0.0%
67.9%	43.6	43.8	0.1	0.3%
69.1%	43.6	43.6	0.0	0.1%
70.4%	43.6	43.6	0.0	0.0%
71.6%	43.5	43.6	0.1	0.1%
72.8%	43.5	43.5	0.0	0.1%
74.1%	43.4	43.5	0.1	0.2%
75.3%	43.4	43.5	0.1	0.2%
76.5%	43.3	43.5	0.2	0.4%
77.8%	43.3	43.4	0.2	0.4%
79.0%	43.3	43.4	0.2	0.3%
80.2%	43.1	43.2	0.1	0.2%
81.5%	43.0	43.2	0.2	0.4%
82.7%	43.0	43.1	0.2	0.4%
84.0%	42.9	43.1	0.2	0.4%
85.2%	42.9	43.0	0.1	0.3%
86.4%	42.8	42.9	0.1	0.3%
87.7%	42.6	42.9	0.3	0.7%
88.9%	42.6	42.8	0.3	0.6%
90.1%	42.6	42.7	0.1	0.2%
91.4%	42.5	42.7	0.1	0.3%
92.6%	42.5	42.5	0.0	0.1%
93.8%	42.4	42.5	0.1	0.2%
95.1%	42.4	42.3	-0.1	-0.2%
96.3%	42.2	42.3	0.1	0.3%
97.5%	41.9	41.9	0.0	0.0%
98.8%	41.3	41.7	0.3	0.8%
100.0%	41.3	41.3	0.0	0.0%

Table SQ-11-9b

Sacramento River at Knights Landing, Monthly Temperature

Probability of Exceedance

		February		
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.7	50.8	0.0	0.0%
1.2%	50.1	50.1	-0.1	-0.1%
2.5%	50.0	50.0	0.0	0.1%
3.7%	49.8	50.0	0.2	0.3%
4.9%	49.8	49.9	0.1	0.3%
6.2%	49.7	49.9	0.1	0.3%
7.4%	49.6	49.7	0.0	0.1%
8.6%	49.5	49.7	0.2	0.4%
9.9%	49.1	49.1	0.0	-0.1%
11.1%	48.7	48.8	0.1	0.2%
12.3%	48.6	48.8	0.2	0.3%
13.6%	48.5	48.6	0.0	0.1%
14.8%	48.5	48.5	0.0	0.1%
16.0%	48.5	48.5	0.0	-0.1%
17.3%	48.3	48.4	0.1	0.2%
18.5%	48.3	48.4	0.1	0.2%
19.8%	48.3	48.3	-0.1	-0.2%
21.0%	48.3	48.3	0.0	-0.1%
22.2%	48.2	48.2	0.0	0.0%
23.5%	48.1	48.2	0.1	0.2%
24.7%	48.1	48.2	0.1	0.3%
25.9%	48.1	48.1	0.0	0.1%
27.2%	48.0	48.1	0.0	0.0%
28.4%	48.0	48.0	0.0	0.1%
29.6%	48.0	48.0	0.0	0.0%
30.9%	47.9	48.0	0.1	0.1%
32.1%	47.8	47.9	0.1	0.1%
33.3%	47.8	47.9	0.1	0.2%
34.6%	47.8	47.8	0.0	0.0%
35.8%	47.7	47.7	0.0	0.0%
37.0%	47.7	47.7	0.0	0.0%
38.3%	47.7	47.7	0.0	0.1%
39.5%	47.7	47.7	0.0	0.0%
40.7%	47.6	47.6	0.0	0.1%
42.0%	47.5	47.6	0.1	0.2%
43.2%	47.5	47.6	0.1	0.2%
44.4%	47.5	47.5	0.0	0.0%
45.7%	47.4	47.4	0.0	-0.1%
46.9%	47.3	47.3	0.0	0.1%
48.1%	47.3	47.3	0.0	0.1%
49.4%	47.2	47.3	0.0	0.1%
50.6%	47.2	47.2	0.1	0.2%
51.9%	47.2	47.1	0.0	-0.1%
53.1%	47.0	47.1	0.1	0.1%
54.3%	47.0	47.1	0.1	0.2%
55.6%	47.0	47.1	0.1	0.2%
56.8%	46.9	47.0	0.1	0.3%
58.0%	46.9	47.0	0.1	0.3%
59.3%	46.9	47.0	0.1	0.3%
60.5%	46.7	46.8	0.1	0.2%
61.7%	46.7	46.8	0.1	0.2%
63.0%	46.7	46.8	0.1	0.2%
64.2%	46.7	46.7	0.1	0.1%
65.4%	46.7	46.7	0.1	0.1%
66.7%	46.6	46.7	0.1	0.2%
67.9%	46.5	46.6	0.1	0.2%
69.1%	46.5	46.5	0.0	0.0%
70.4%	46.4	46.5	0.1	0.1%
71.6%	46.4	46.4	0.0	0.1%
72.8%	46.3	46.4	0.0	0.1%
74.1%	46.3	46.3	0.0	0.0%
75.3%	46.1	46.1	0.1	0.1%
76.5%	46.0	46.0	0.1	0.1%
77.8%	45.9	46.0	0.1	0.2%
79.0%	45.9	45.9	0.0	0.1%
80.2%	45.8	45.9	0.1	0.2%
81.5%	45.8	45.8	0.0	0.1%
82.7%	45.6	45.8	0.2	0.4%
84.0%	45.6	45.6	0.0	0.0%
85.2%	45.5	45.6	0.1	0.1%
86.4%	45.5	45.5	0.1	0.1%
87.7%	45.4	45.5	0.1	0.1%
88.9%	45.4	45.5	0.0	0.1%
90.1%	45.3	45.4	0.1	0.2%
91.4%	45.3	45.4	0.0	0.1%
92.6%	45.3	45.2	0.0	-0.1%
93.8%	45.1	45.2	0.1	0.1%
95.1%	45.0	45.0	0.1	0.1%
96.3%	44.9	44.9	0.1	0.1%
97.5%	44.5	44.5	0.0	0.1%
98.8%	44.2	44.2	0.0	-0.1%
100.0%	43.8	43.8	0.0	0.0%

		March		
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	57.0	57.0	0.0	0.0%
1.2%	56.7	56.7	0.0	0.0%
2.5%	56.1	56.2	0.1	0.2%
3.7%	55.8	56.0	0.2	0.4%
4.9%	55.8	55.8	0.0	-0.1%
6.2%	55.4	55.5	0.1	0.1%
7.4%	54.7	54.6	-0.1	-0.2%
8.6%	54.6	54.6	0.0	0.1%
9.9%	54.4	54.6	0.1	0.3%
11.1%	54.4	54.5	0.1	0.1%
12.3%	54.2	54.5	0.3	0.5%
13.6%	54.1	54.2	0.1	0.1%
14.8%	54.0	54.2	0.2	0.3%
16.0%	54.0	54.0	0.0	0.0%
17.3%	53.9	54.0	0.1	0.2%
18.5%	53.8	53.9	0.1	0.2%
19.8%	53.6	53.8	0.2	0.4%
21.0%	53.6	53.7	0.1	0.1%
22.2%	53.5	53.6	0.1	0.2%
23.5%	53.3	53.5	0.3	0.5%
24.7%	53.2	53.5	0.3	0.5%
25.9%	53.2	53.5	0.3	0.6%
27.2%	53.2	53.4	0.2	0.5%
28.4%	53.1	53.4	0.3	0.5%
29.6%	53.1	53.3	0.2	0.4%
30.9%	52.9	53.1	0.2	0.4%
32.1%	52.9	53.0	0.2	0.3%
33.3%	52.7	53.0	0.3	0.5%
34.6%	52.7	52.9	0.2	0.4%
35.8%	52.7	52.8	0.1	0.2%
37.0%	52.6	52.7	0.1	0.2%
38.3%	52.5	52.7	0.2	0.4%
39.5%	52.3	52.5	0.2	0.3%
40.7%	52.3	52.5	0.2	0.3%
42.0%	52.3	52.4	0.1	0.3%
43.2%	52.0	52.3	0.3	0.6%
44.4%	52.0	52.3	0.3	0.6%
45.7%	52.0	52.3	0.3	0.6%
46.9%	52.0	52.2	0.2	0.4%
48.1%	51.9	52.1	0.2	0.4%
49.4%	51.9	52.0	0.1	0.3%
50.6%	51.8	52.0	0.2	0.5%
51.9%	51.7	52.0	0.3	0.5%
53.1%	51.7	52.0	0.3	0.5%
54.3%	51.7	52.0	0.3	0.6%
55.6%	51.6	51.9	0.3	0.6%
56.8%	51.5	51.8	0.3	0.6%
58.0%	51.4	51.8	0.4	0.7%
59.3%	51.4	51.6	0.2	0.4%
60.5%	51.3	51.4	0.2	0.3%
61.7%	51.2	51.4	0.2	0.4%
63.0%	51.2	51.4	0.2	0.3%
64.2%	51.2	51.3	0.2	0.3%
65.4%	51.2	51.2	0.0	0.1%
66.7%	51.0	51.2	0.2	0.4%
67.9%	50.8	51.1	0.3	0.7%
69.1%	50.7	51.1	0.3	0.6%
70.4%	50.7	51.0	0.3	0.6%
71.6%	50.7	50.8	0.1	0.2%
72.8%	50.5	50.7	0.1	0.3%
74.1%	50.4	50.6	0.2	0.4%
75.3%	50.4	50.5	0.1	0.2%
76.5%	50.4	50.4	0.0	0.1%
77.8%	49.9	50.0	0.1	0.2%
79.0%	49.7	49.8	0.1	0.2%
80.2%	49.7	49.7	0.1	0.1%
81.5%	49.6	49.7	0.1	0.2%
82.7%	49.6	49.7	0.1	0.1%
84.0%	49.5	49.6	0.1	0.3%
85.2%	49.4	49.5	0.1	0.1%
86.4%	49.2	49.3	0.1	0.3%
87.7%	49.1	49.3	0.2	0.4%
88.9%	49.1	49.3	0.2	0.4%
90.1%	49.0	49.1	0.1	0.1%
91.4%	49.0	49.1	0.1	0.2%
92.6%	48.9	49.0	0.1	0.3%
93.8%	48.8	49.0	0.2	0.4%
95.1%	48.6	48.6	0.0	0.0%
96.3%	48.4	48.4	0.1	0.2%
97.5%	48.3	48.3	0.0	0.0%
98.8%	48.0	48.0	0.0	0.0%
100.0%	48.0	48.0	0.0	0.0%

		April		
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	62.4	62.8	0.4	0.6%
1.2%	62.2	62.7	0.5	0.8%
2.5%	61.8	62.3	0.5	0.7%
3.7%	61.7	61.8	0.1	0.1%
4.9%	61.6	61.8	0.2	0.3%
6.2%	61.5	61.7	0.3	0.4%
7.4%	61.2	61.5	0.3	0.4%
8.6%	61.2	61.2	0.0	-0.1%
9.9%	61.0	61.2	0.2	0.3%
11.1%	60.9	61.1	0.2	0.3%
12.3%	60.7	61.0	0.3	0.5%
13.6%	60.7	61.0	0.3	0.6%
14.8%	60.5	60.9	0.4	0.6%
16.0%	60.5	60.8	0.3	0.6%
17.3%	59.9	60.6	0.7	1.1%
18.5%	59.9	60.3	0.3	0.6%
19.8%	59.7	60.1	0.4	0.6%
21.0%	59.7	60.0	0.3	0.6%
22.2%	59.5	60.0	0.4	0.7%
23.5%	59.5	59.8	0.3	0.5%
24.7%	59.5	59.6	0.1	0.2%
25.9%	59.4	59.6	0.2	0.3%
27.2%	59.4	59.5	0.1	0.3%
28.4%	59.4	59.5	0.1	0.2%
29.6%	59.4	59.5	0.1	0.2%
30.9%	59.3	59.5	0.2	0.3%
32.1%	59.3	59.4	0.2	0.3%
33.3%	59.2	59.4	0.2	0.3%
34.6%	59.1	59.3	0.2	0.3%
35.8%	58.7	58.9	0.2	0.4%
37.0%	58.7	58.8	0.2	0.3%
38.3%	58.6	58.7	0.1	0.2%
39.5%	58.6	58.7	0.1	0.2%
40.7%	58.5	58.7	0.1	0.2%
42.0%	58.4	58.6	0.2	0.3%
43.2%	58.2	58.6	0.3	0.6%
44.4%	58.1	58.6	0.4	0.8%
45.7%	58.1	58.4	0.3	0.6%
46.9%	58.1	58.3	0.3	0.5%
48.1%	58.0	58.1	0.2	0.3%
49.4%	57.8	58.1	0.3	0.5%
50.6%	57.8	58.1	0.3	0.5%
51.9%	57.8	58.0	0.2	0.3%
53.1%	57.8	57.9	0.1	0.2%
54.3%	57.7	57.8	0.1	0.1%
55.6%	57.6	57.8	0.2	0.3%
56.8%	57.5	57.7	0.2	0.4%
58.0%	57.4	57.7	0.3	0.6%
59.3%	57.4	57.6	0.3	0.5%
60.5%	57.3	57.5	0.2	0.3%
61.7%	57.2	57.3	0.2	0.3%
63.0%	57.1	57.2	0.1	0.2%
64.2%	57.0	57.2	0.2	0.3%
65.4%	57.0	57.2	0.2	0.4%
66.7%	56.8	57.1	0.3	0.5%
67.9%	56.8	57.0	0.2	0.4%
69.1%	56.7	56.8	0.1	0.2%
70.4%	56.5	56.7	0.1	0.2%
71.6%	56.4	56.6	0.2	0.4%
72.8%	56.3	56.4	0.1	0.2%
74.1%	56.3	56.3	0.0	0.0%
75.3%	56.2	56.3	0.0	0.1%
76.5%	56.0	56.2	0.3	0.5%
77.8%	55.5	55.6	0.2	0.3%
79.0%	55.4	55.6	0.2	0.4%
80.2%	55.3	55.5	0.2	0.4%
81.5%	55.2	55.4	0.3	0.5%
82.7%	55.2	55.4	0.3	0.5%
84.0%	55.2	55.4	0.2	0.4%
85.2%	55.1	55.2	0.1	0.2%
86.4%	54.9	54.9	0.1	0.1%
87.7%	54.8	54.9	0.1	0.2%
88.9%	54.7	54.7	0.0	0.0%
90.1%	54.5	54.7	0.1	0.2%
91.4%	54.2	54.2	0.0	0.0%
92.6%	53.9	53.9	0.0	0.0%
93.8%	53.8	53.8	0.0	0.0%
95.1%	53.6	53.6	0.0	0.0%
96.3%	53.1	53.5	0.3	0.6%
97.5%	52.3	52.3	0.0	0.0%
98.8%	50.9	50.9	0.0	0.0%
100.0%	49.8	49.8	0.0	0.0%

		May		
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.7	67.8	0.1	0.2%
1.2%	67.1	67.1	0.1	0.1%
2.5%	66.8	67.0	0.2	0.4%
3.7%	66.7	66.9	0.2	0.4%
4.9%	66.6	66.6	0.0	0.1%
6.2%	66.3	66.4	0.1	0.1%
7.4%	66.3	66.4	0.1	0.1%
8.6%	66.3	66.3	0.0	0.1%
9.9%	66.3	66.3	0.0	0.1%
11.1%	66.1	66.3	0.2	0.3%
12.3%	66.1	65.9	-0.1	-0.2%
13.6%	66.0	65.9	-0.2	-0.2%
14.8%	65.8	65.9	0.0	0.0%
16.0%	65.7	65.8	0.1	0.2%
17.3%	65.7	65.8	0.1	0.2%
18.5%	65.6	65.6	0.0	0.0%
19.8%	65.3	65.6	0.3	0.5%
21.0%	65.1	65.5	0.4	0.6%
22.2%	65.0	65.2	0.2	0.2%
23.5%	65.0	65.1	0.1	0.2%
24.7%	65.0	65.0	0.0	0.1%
25.9%	65.0	65.0	0.0	0.0%
27.2%	64.9	64.9	0.0	0.0%
28.4%	64.9	64.9	0.0	0.0%
29.6%	64.7	64.9	0.2	0.3%
30.9%	64.7	64.7	0.1	0.1%
32.1%	64.5	64.7	0.2	0.4%
33.3%	64.5	64.7	0.2	0.4%
34.6%	64.4	64.7	0.2	0.4%
35.8%	64.4	64.6	0.2	0.3%
37.0%	64.3	64.5	0.3	0.4%
38.3%	64.3	64.5	0.3	0.4%
39.5%	64.2	64.4	0.2	0.3%
40.7%	64.1	64.4	0.2	0.3%
42.0%	64.1	64.4	0.2	0.4%
43.2%	64.1	64.3	0.3	0.4%
44.4%	64.0	64.3	0.3	0.5%
45.7%	63.9	64.2	0.3	0.5%
46.9%	63.8	64.1	0.2	0.4%
48.1%	63.7	64.1	0.4	0.6%
49.4%	63.7	64.0	0.4	0.6%
50.6%	63.6	64.0	0.4	0.6%
51.9%	63.6	64.0	0.4	0.6%
53.1%	63.6	63.9	0.4	0.6%
54.3%	63.6	63.9	0.3	0.4%
55.6%	63.5	63.8	0.3	0.5%
56.8%	63.5	63.7	0.2	0.4%
58.0%	63.5	63.7	0.3	0.4%
59.3%	63.4	63.6	0.2	0.4%
60.5%	63.4	63.6	0.2	0.3%
61.7%	63.3	63.5	0.2	0.4%
63.0%	63.3	63.5	0.2	0.3%
64.2%	63.3	63.4	0.1	0.2%
65.4%	63.2	63.3	0.1	0.1%
66.7%	63.2	63.2	0.0	0.0%
67.9%	63.2	63.2	0.0	0.0%
69.1%	63.2	63.2	0.0	0.0%
70.4%	63.1	63.2	0.0	0.1%
71.6%	63.0	63.1	0.0	0.0%
72.8%	63.0	63.0	0.0	0.0%
74.1%	62.8	62.9	0.1	0.2%
75.3%	62.8	62.9	0.1	0.2%
76.5%	62.7	62.7	0.0	0.0%
77.8%	62.7	62.7	0.0	0.1%
79.0%	62.6	62.4	-0.2	-0.3%
80.2%	62.6	62.4	-0.2	-0.3%
81.5%	62.4	62.3	-0.1	-0.2%
82.7%	62.2	62.1	-0.1	-0.1%
84.0%	62.1	62.0	-0.1	-0.1%
85.2%	61.7	61.8	0.1	0.1%
86.4%	61.7	61.8	0.1	0.1%
87.7%	61.6	61.6	0.0	0.0%
88.9%	60.9	61.2	0.3	0.4%
90.1%	60.9	61.1	0.1	0.2%
91.4%	60.9	61.0	0.1	0.1%
92.6%	60.8	60.8	0.0	-0.1%
93.8%	60.8	60.6	-0.2	-0.3%
95.1%	60.5	60.6	0.1	0.1%
96.3%	60.4	60.6	0.2	0.3%
97.5%	60.1	60.1	0.0	0.0%
98.8%	59.7	59.6	-0.1	-0.2%
100.0%	56.5	56.5	0.0	0.0%

Table SQ-11-9b

Sacramento River at Knights Landing, Monthly Temperature
Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	71.3	71.1	-0.2	-0.3%
1.2%	70.9	70.6	-0.3	-0.5%
2.5%	70.0	70.3	0.3	0.4%
3.7%	70.0	70.1	0.1	0.1%
4.9%	70.0	70.0	0.0	0.0%
6.2%	70.0	69.9	-0.1	-0.2%
7.4%	69.9	69.8	-0.2	-0.2%
8.6%	69.7	69.7	0.0	0.0%
9.9%	69.7	69.5	-0.2	-0.3%
11.1%	69.6	69.3	-0.3	-0.5%
12.3%	69.4	69.1	-0.3	-0.5%
13.6%	69.4	69.0	-0.3	-0.5%
14.8%	69.3	69.0	-0.3	-0.5%
16.0%	69.2	68.8	-0.4	-0.5%
17.3%	69.1	68.8	-0.4	-0.6%
18.5%	69.1	68.7	-0.4	-0.6%
19.8%	69.1	68.7	-0.5	-0.7%
21.0%	69.0	68.6	-0.4	-0.6%
22.2%	69.0	68.6	-0.4	-0.6%
23.5%	68.9	68.5	-0.4	-0.6%
24.7%	68.9	68.3	-0.5	-0.8%
25.9%	68.8	68.2	-0.6	-0.8%
27.2%	68.8	68.2	-0.6	-0.8%
28.4%	68.7	68.2	-0.5	-0.8%
29.6%	68.7	68.1	-0.6	-0.8%
30.9%	68.7	68.1	-0.6	-0.8%
32.1%	68.6	68.0	-0.6	-0.9%
33.3%	68.6	67.8	-0.7	-1.0%
34.6%	68.5	67.8	-0.7	-1.0%
35.8%	68.4	67.8	-0.7	-1.0%
37.0%	68.4	67.7	-0.6	-0.9%
38.3%	67.9	67.7	-0.3	-0.4%
39.5%	67.9	67.6	-0.2	-0.3%
40.7%	67.8	67.6	-0.2	-0.3%
42.0%	67.8	67.6	-0.2	-0.2%
43.2%	67.7	67.5	-0.2	-0.3%
44.4%	67.7	67.5	-0.2	-0.3%
45.7%	67.7	67.4	-0.2	-0.3%
46.9%	67.6	67.4	-0.2	-0.3%
48.1%	67.6	67.4	-0.2	-0.2%
49.4%	67.5	67.4	-0.2	-0.3%
50.6%	67.5	67.3	-0.2	-0.3%
51.9%	67.5	67.3	-0.1	-0.2%
53.1%	67.5	67.3	-0.2	-0.3%
54.3%	67.4	67.3	-0.1	-0.2%
55.6%	67.3	67.2	-0.1	-0.1%
56.8%	67.2	67.2	0.0	0.0%
58.0%	67.2	67.2	0.0	0.0%
59.3%	67.1	67.2	0.0	0.0%
60.5%	67.1	67.1	0.0	0.1%
61.7%	67.1	67.1	0.0	0.1%
63.0%	67.1	67.1	0.0	0.0%
64.2%	67.0	67.0	0.0	0.0%
65.4%	67.0	67.0	0.0	0.0%
66.7%	67.0	67.0	0.0	-0.1%
67.9%	66.9	66.8	-0.1	-0.2%
69.1%	66.8	66.8	0.0	0.0%
70.4%	66.8	66.8	-0.1	-0.1%
71.6%	66.7	66.7	0.1	0.1%
72.8%	66.6	66.7	0.1	0.2%
74.1%	66.6	66.7	0.1	0.2%
75.3%	66.5	66.6	0.1	0.1%
76.5%	66.5	66.5	-0.1	-0.1%
77.8%	66.5	66.4	-0.1	-0.1%
79.0%	66.5	66.4	-0.1	-0.1%
80.2%	66.4	66.4	0.0	-0.1%
81.5%	66.3	66.3	0.0	-0.1%
82.7%	66.3	66.2	0.0	0.0%
84.0%	66.3	66.1	-0.1	-0.2%
85.2%	66.2	65.9	-0.3	-0.4%
86.4%	66.1	65.9	-0.2	-0.3%
87.7%	66.0	65.7	-0.4	-0.5%
88.9%	65.9	65.6	-0.3	-0.5%
90.1%	65.6	65.4	-0.2	-0.3%
91.4%	65.3	65.3	0.0	-0.1%
92.6%	65.2	65.1	0.0	0.0%
93.8%	65.1	64.7	-0.4	-0.5%
95.1%	65.0	64.6	-0.4	-0.6%
96.3%	64.3	64.5	0.3	0.4%
97.5%	64.2	64.2	0.0	0.0%
98.8%	64.1	63.9	-0.2	-0.3%
100.0%	63.5	63.5	0.0	0.0%

July				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	75.5	74.4	-1.1	-1.4%
1.2%	73.9	73.3	-0.6	-0.8%
2.5%	73.2	72.9	-0.3	-0.4%
3.7%	73.0	72.5	-0.5	-0.7%
4.9%	72.8	72.4	-0.4	-0.6%
6.2%	72.7	72.4	-0.3	-0.5%
7.4%	72.5	72.1	-0.4	-0.5%
8.6%	72.3	71.9	-0.4	-0.6%
9.9%	72.2	71.9	-0.3	-0.5%
11.1%	72.0	71.8	-0.2	-0.2%
12.3%	71.9	71.7	-0.3	-0.4%
13.6%	71.9	71.5	-0.4	-0.6%
14.8%	71.7	71.4	-0.3	-0.5%
16.0%	71.7	71.3	-0.4	-0.5%
17.3%	71.7	71.2	-0.5	-0.7%
18.5%	71.7	71.0	-0.7	-0.9%
19.8%	71.5	71.0	-0.6	-0.8%
21.0%	71.5	71.0	-0.5	-0.7%
22.2%	71.5	70.8	-0.6	-0.9%
23.5%	71.4	70.6	-0.8	-1.1%
24.7%	71.3	70.5	-0.8	-1.1%
25.9%	71.3	70.5	-0.8	-1.2%
27.2%	71.3	70.5	-0.8	-1.1%
28.4%	71.2	70.4	-0.8	-1.1%
29.6%	71.1	70.4	-0.7	-1.0%
30.9%	71.1	70.4	-0.7	-1.0%
32.1%	71.0	70.3	-0.7	-1.0%
33.3%	71.0	70.3	-0.7	-1.0%
34.6%	70.9	70.3	-0.7	-0.9%
35.8%	70.9	70.3	-0.7	-0.9%
37.0%	70.9	70.3	-0.6	-0.9%
38.3%	70.8	70.3	-0.5	-0.7%
39.5%	70.7	70.2	-0.5	-0.7%
40.7%	70.7	70.2	-0.4	-0.6%
42.0%	70.5	70.2	-0.3	-0.4%
43.2%	70.5	70.2	-0.3	-0.4%
44.4%	70.4	70.1	-0.3	-0.5%
45.7%	70.3	70.0	-0.4	-0.6%
46.9%	70.3	69.9	-0.4	-0.6%
48.1%	70.2	69.9	-0.3	-0.5%
49.4%	70.2	69.9	-0.3	-0.4%
50.6%	70.1	69.9	-0.2	-0.4%
51.9%	70.1	69.8	-0.3	-0.4%
53.1%	70.1	69.8	-0.3	-0.4%
54.3%	70.0	69.8	-0.2	-0.3%
55.6%	70.0	69.7	-0.2	-0.3%
56.8%	69.9	69.7	-0.3	-0.4%
58.0%	69.9	69.6	-0.3	-0.5%
59.3%	69.9	69.6	-0.3	-0.4%
60.5%	69.8	69.5	-0.3	-0.4%
61.7%	69.8	69.5	-0.4	-0.5%
63.0%	69.8	69.4	-0.4	-0.6%
64.2%	69.8	69.3	-0.5	-0.7%
65.4%	69.8	69.3	-0.5	-0.7%
66.7%	69.8	69.2	-0.5	-0.8%
67.9%	69.8	69.0	-0.7	-1.0%
69.1%	69.7	69.0	-0.7	-1.0%
70.4%	69.6	68.9	-0.7	-1.0%
71.6%	69.6	68.9	-0.7	-1.0%
72.8%	69.6	68.9	-0.7	-1.0%
74.1%	69.5	68.8	-0.7	-1.0%
75.3%	69.4	68.8	-0.6	-0.9%
76.5%	69.4	68.7	-0.7	-1.0%
77.8%	69.4	68.5	-0.9	-1.3%
79.0%	69.4	68.5	-0.9	-1.3%
80.2%	69.3	68.4	-0.9	-1.3%
81.5%	69.1	68.4	-0.8	-1.1%
82.7%	68.9	68.3	-0.6	-0.9%
84.0%	68.9	68.2	-0.7	-1.0%
85.2%	68.9	68.1	-0.7	-1.1%
86.4%	68.6	68.0	-0.6	-0.9%
87.7%	68.5	68.0	-0.5	-0.7%
88.9%	68.5	67.9	-0.5	-0.8%
90.1%	68.2	67.7	-0.4	-0.6%
91.4%	67.9	67.6	-0.3	-0.4%
92.6%	67.9	67.5	-0.4	-0.5%
93.8%	67.6	67.2	-0.5	-0.7%
95.1%	67.5	67.1	-0.4	-0.6%
96.3%	67.0	67.1	0.1	0.2%
97.5%	66.9	66.5	-0.4	-0.6%
98.8%	66.9	66.2	-0.7	-1.0%
100.0%	66.8	66.0	-0.8	-1.2%

August				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	74.4	73.7	-0.7	-0.9%
1.2%	74.3	73.2	-1.1	-1.5%
2.5%	74.2	72.4	-1.9	-2.5%
3.7%	73.8	72.2	-1.6	-2.2%
4.9%	73.6	72.2	-1.4	-2.0%
6.2%	72.7	72.1	-0.6	-0.8%
7.4%	72.6	71.8	-0.8	-1.1%
8.6%	72.3	71.6	-0.7	-0.9%
9.9%	71.7	71.6	-0.2	-0.2%
11.1%	71.6	71.5	-0.1	-0.1%
12.3%	71.5	71.3	-0.2	-0.3%
13.6%	71.5	71.2	-0.3	-0.4%
14.8%	71.4	71.2	-0.2	-0.3%
16.0%	71.4	71.2	-0.2	-0.3%
17.3%	71.4	71.0	-0.4	-0.6%
18.5%	71.4	70.9	-0.5	-0.7%
19.8%	71.4	70.9	-0.5	-0.7%
21.0%	71.4	70.9	-0.5	-0.7%
22.2%	71.4	70.8	-0.6	-0.9%
23.5%	71.4	70.7	-0.6	-0.9%
24.7%	71.2	70.7	-0.5	-0.7%
25.9%	71.1	70.7	-0.4	-0.6%
27.2%	71.0	70.7	-0.3	-0.5%
28.4%	71.0	70.6	-0.4	-0.5%
29.6%	71.0	70.6	-0.4	-0.6%
30.9%	71.0	70.6	-0.4	-0.5%
32.1%	70.9	70.5	-0.4	-0.5%
33.3%	70.8	70.4	-0.4	-0.5%
34.6%	70.7	70.4	-0.3	-0.4%
35.8%	70.7	70.4	-0.3	-0.4%
37.0%	70.7	70.4	-0.3	-0.4%
38.3%	70.7	70.3	-0.3	-0.4%
39.5%	70.5	70.3	-0.2	-0.2%
40.7%	70.4	70.2	-0.2	-0.2%
42.0%	70.4	70.2	-0.2	-0.3%
43.2%	70.4	70.0	-0.4	-0.5%
44.4%	70.3	70.0	-0.3	-0.5%
45.7%	70.3	70.0	-0.3	-0.4%
46.9%	70.3	70.0	-0.3	-0.4%
48.1%	70.2	70.0	-0.3	-0.4%
49.4%	70.2	69.9	-0.3	-0.4%
50.6%	70.2	69.9	-0.3	-0.4%
51.9%	70.1	69.8	-0.3	-0.5%
53.1%	70.1	69.8	-0.3	-0.5%
54.3%	70.0	69.8	-0.3	-0.4%
55.6%	70.0	69.7	-0.3	-0.4%
56.8%	70.0	69.7	-0.3	-0.4%
58.0%	69.9	69.6	-0.4	-0.6%
59.3%	69.8	69.5	-0.3	-0.5%
60.5%	69.7	69.4	-0.2	-0.3%
61.7%	69.5	69.3	-0.1	-0.2%
63.0%	69.4	69.3	-0.1	-0.2%
64.2%	69.4	69.2	-0.1	-0.2%
65.4%	69.4	69.1	-0.2	-0.3%
66.7%	69.3	69.1	-0.2	-0.3%
67.9%	69.2	69.1	-0.1	-0.2%
69.1%	69.2	68.9	-0.3	-0.4%
70.4%	69.1	68.8	-0.2	-0.3%
71.6%	69.0	68.8	-0.2	-0.3%
72.8%	69.0	68.7	-0.2	-0.4%
74.1%	69.0	68.7	-0.2	-0.4%
75.3%	68.9	68.7	-0.3	-0.4%
76.5%	68.7	68.7	-0.1	-0.1%
77.8%	68.4	68.6	0.2	0.3%
79.0%	68.3	68.6	0.3	0.4%
80.2%	68.2	68.6	0.4	0.5%
81.5%	68.2	68.5	0.3	0.4%
82.7%	68.2	68.3	0.1	0.1%
84.0%	68.1	68.2	0.1	0.1%
85.2%	68.1	68.2	0.1	0.1%
86.4%	68.1	68.2	0.0	0.1%
87.7%	68.1	68.1	0.0	0.0%
88.9%	68.0	68.1	0.1	0.1%
90.1%	67.9	68.0	0.2	0.2%
91.4%	67.8	68.0	0.2	0.3%
92.6%	67.7	67.8	0.1	0.1%
93.8%	67.7	67.7	0.0	0.0%
95.1%	67.5	67.4	-0.1	-0.2%
96.3%	67.5	67.1	-0.4	-0.6%
97.5%	67.3	66.8	-0.5	-0.8%
98.8%	66.8	66.7	-0.2	-0.2%
100.0%	66.1	66.2	0.1	0.1%

September				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	71.0	70.1	-0.9	-1.3%
1.2%	70.1	69.7	-0.4	-0.6%
2.5%	69.6	69.3	-0.3	-0.5%
3.7%	69.6	68.9	-0.7	-1.0%
4.9%	69.3	68.6	-0.7	-1.0%
6.2%	68.8	68.6	-0.2	-0.3%
7.4%	68.5	68.3	-0.2	-0.3%
8.6%	68.4	67.9	-0.5	-0.7%
9.9%	68.3	67.7	-0.6	-0.8%
11.1%	68.3	67.6	-0.7	-1.1%
12.3%	68.1	67.3	-0.8	-1.2%
13.6%	67.7	67.2	-0.5	-0.7%
14.8%	67.7	67.2	-0.5	-0.7%
16.0%	67.5	67.1	-0.4	-0.6%
17.3%	67.5	66.9	-0.6	-0.8%
18.5%	67.5	66.9	-0.6	-0.8%
19.8%	67.5	66.9	-0.6	-0.9%
21.0%	67.4	66.8	-0.6	-0.9%
22.2%	67.4	66.8	-0.6	-0.9%
23.5%	67.3	66.8	-0.6	-0.8%
24.7%	67.2	66.7	-0.5	-0.7%
25.9%	67.2	66.5	-0.7	-1.0%
27.2%	67.1	66.5	-0.6	-0.9%
28.4%	66.8	66.5	-0.3	-0.5%
29.6%	66.8	66.5	-0.3	-0.5%
30.9%	66.8	66.5	-0.3	-0.5%
32.1%	66.7	66.4	-0.4	-0.5%
33.3%	66.7	66.4	-0.3	-0.5%
34.6%	66.6	66.4	-0.3	-0.4%
35.8%	66.4	66.1	-0.3	-0.5%
37.0%	66.4	66.1	-0.3	-0.5%
38.3%	66.3	66.0	-0.3	-0.4%
39.5%	66.3	66.0	-0.3	-0.5%
40.7%	66.0	65.9	-0.1	-0.1%
42.0%	65.9	65.8	-0.1	-0.1%
43.2%	65.9	65.6	-0.2	-0.3%
44.4%	65.8	65.6	-0.2	-0.3%
45.7%	65.8	65.6	-0.1	-0.2%
46.9%	65.7	65.6	-0.1	-0.2%
48.1%	65.7	65.5	-0.2	-0.2%
49.4%	65.6	65.4	-0.2	-0.3%
50.6%	65.6	65.4	-0.2	-0.3%
51.9%	65.6	65.4	-0.2	-0.3%
53.1%	65.6	65.3	-0.3	-0.4%
54.3%	65.5	65.3	-0.2	-0.3%
55.6%	65.5	65.2	-0.3	-0.5%
56.8%	65.4	65.1	-0.3	-0.5%
58.0%	65.4	65.1	-0.3	-0.5%
59.3%	65.4	65.1	-0.3	-0.5%
60.5%	65.1	65.0	-0.1	-0.2%
61.7%	65.0	65.0	0.0	0.0%
63.0%	65.0	65.0	0.0	0.0%
64.2%	64.9	64.9	0.1	0.1%
65.4%	64.8	64.7	-0.1	-0.2%
66.7%	64.5	64.6	0.1	0.2%
67.9%	64.5	64.6	0.1	0.2%
69.1%	64.4	64.5	0.1	0.1%
70.4%	64.4	64.5	0.1	0.2%
71.6%	64.3	64.5	0.2	0.3%
72.8%	64.3	64.3	0.0	0.0%
74.1%	64.3	64.2	-0.1	-0.1%
75.3%	64.3	64.2	-0.1	-0.1%
76.5%	64.0	64.1	0.1	0.1%
77.8%	63.9	64.0	0.1	0.1%
79.0%	63.8	63.7	-0.1	-0.2%
80.2%	63.7	63.6	0.0	-0.1%
81.5%	63.7	63.6	0.0	0.0%
82.7%	63.6	63.5	-0.1	-0.1%
84.0%	63.5	63.4	0.0	0.0%
85.2%	63.4	63.4	0.0	-0.1%
86.4%	63.4	63.2	-0.2	-0.3%
87.7%	63.2	63.1	-0.1	-0.2%
88.9%	63.2	63.0	-0.2	-0.3%
90.1%	62.9	62.9	0.0	-0.1%
91.4%	62.8	62.7	-0.1	-0.2%
92.6%	62.8	62.3	-0.5	-0.8%
93.8%	62.5	62.0	-0.5	-0.8%
95.1%	62.2	62.0	-0.2	-0.4%
96.3%	62.1	61.6	-0.5	-0.8%
97.5%	61.9	61.4	-0.6	-0.9%
98.8%	61.7	61.3	-0.4	-0.7%
100.0%	60.8	60.3	-0.5	-0.9%

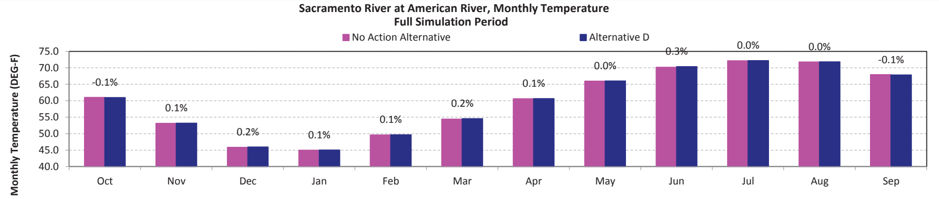
Table SQ-12-9a
Sacramento River at American River, Monthly Temperature
Long-term Average and Average by Water Year Type

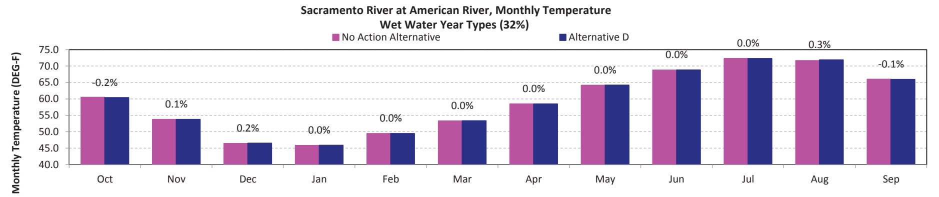
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	61.0	53.2	45.9	45.0	49.6	54.4	60.6	66.0	70.2	72.2	71.8	67.9
Alternative D	61.0	53.2	45.9	45.0	49.7	54.6	60.7	66.0	70.4	72.2	71.8	67.9
Difference	-0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.2	0.0	0.0	-0.1
Percent Difference[3]	-0.1%	0.1%	0.2%	0.1%	0.1%	0.2%	0.1%	0.0%	0.3%	0.0%	0.0%	-0.1%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	60.5	53.7	46.4	45.8	49.5	53.3	58.5	64.2	68.8	72.3	71.7	66.0
Alternative D	60.4	53.8	46.5	45.9	49.5	53.3	58.5	64.2	68.8	72.3	71.9	65.9
Difference	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.1
Percent Difference	-0.2%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	-0.1%
Above Normal (15%)												
No Action Alternative	60.4	52.1	45.7	45.1	49.4	54.0	60.5	66.2	70.4	71.3	70.9	66.9
Alternative D	60.2	52.1	45.7	45.2	49.4	54.1	60.5	66.2	70.6	71.1	71.0	66.9
Difference	-0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.2	-0.2	0.1	0.0
Percent Difference	-0.3%	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.2%	-0.2%	0.2%	0.0%
Below Normal (17%)												
No Action Alternative	60.8	53.1	45.9	44.3	48.9	54.5	61.0	66.0	70.4	71.8	71.9	69.3
Alternative D	60.6	53.2	46.0	44.4	48.9	54.7	61.0	66.0	70.7	71.8	72.0	69.2
Difference	-0.1	0.1	0.1	0.0	0.0	0.2	0.0	0.0	0.3	0.0	0.1	-0.1
Percent Difference	-0.2%	0.1%	0.1%	0.1%	0.1%	0.4%	0.1%	0.1%	0.4%	0.0%	0.1%	-0.2%
Dry (22%)												
No Action Alternative	61.2	53.1	45.8	44.1	49.6	55.1	61.9	67.2	71.5	71.9	71.4	69.0
Alternative D	61.2	53.2	45.9	44.2	49.6	55.4	62.0	67.1	71.8	72.0	71.4	69.0
Difference	0.0	0.1	0.1	0.0	0.0	0.2	0.1	0.0	0.3	0.1	0.0	0.0
Percent Difference	0.0%	0.2%	0.2%	0.1%	0.1%	0.4%	0.1%	0.0%	0.5%	0.2%	0.0%	0.0%
Critical (15%)												
No Action Alternative	62.9	52.9	44.7	44.7	50.8	55.9	62.8	67.6	70.6	73.6	73.3	69.9
Alternative D	63.0	52.9	44.8	44.8	51.0	56.1	62.9	67.7	70.9	73.7	72.7	69.7
Difference	0.1	0.0	0.1	0.1	0.2	0.2	0.1	0.1	0.2	0.1	-0.5	-0.2
Percent Difference	0.2%	0.0%	0.1%	0.2%	0.3%	0.3%	0.2%	0.2%	0.3%	0.2%	-0.8%	-0.2%

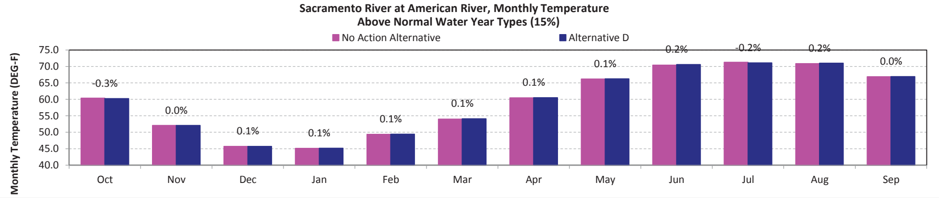
1 Based on the 82-year simulation period

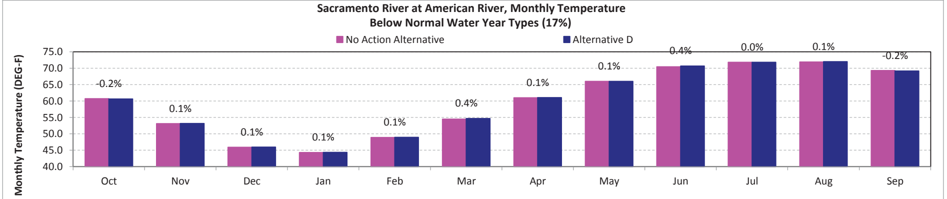
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

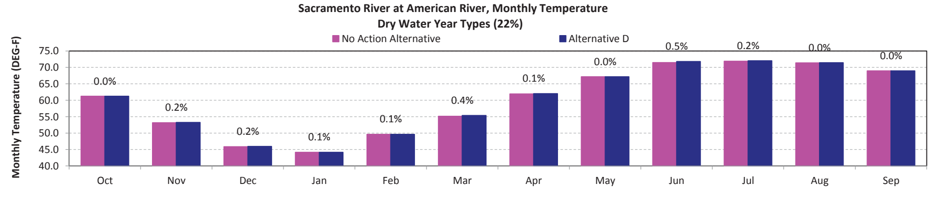
3 Relative difference of the monthly average


Sacramento River at American River, Monthly Temperature
Full Simulation Period


Sacramento River at American River, Monthly Temperature
Wet Water Year Types (32%)


Sacramento River at American River, Monthly Temperature
Above Normal Water Year Types (15%)


Sacramento River at American River, Monthly Temperature
Below Normal Water Year Types (17%)


Sacramento River at American River, Monthly Temperature
Dry Water Year Types (22%)

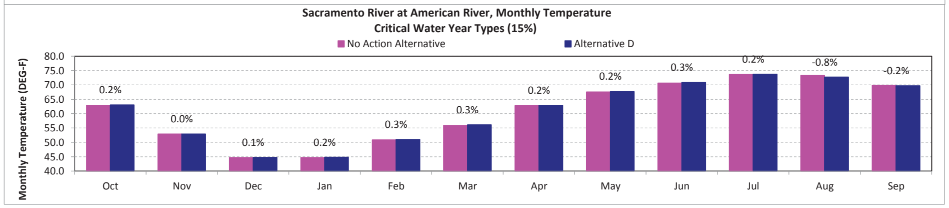

Sacramento River at American River, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-12-9b
Sacramento River at American River, Monthly Temperature
Probability of Exceedance

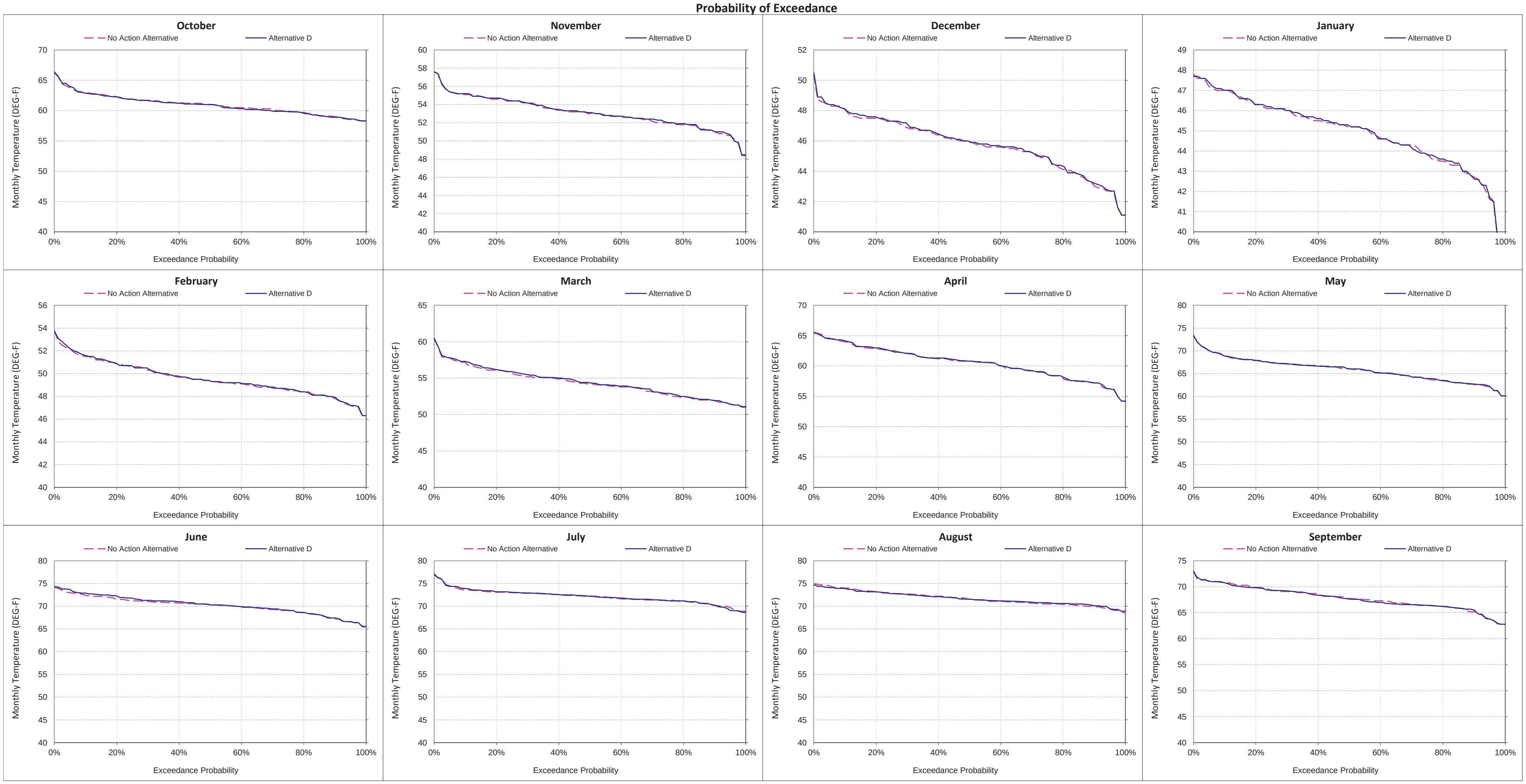


Table SQ-12-9b

Sacramento River at American River, Monthly Temperature
Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.2	66.4	0.2	0.3%
1.2%	65.6	65.6	0.0	0.0%
2.5%	64.4	64.5	0.1	0.2%
3.7%	64.1	64.5	0.4	0.6%
4.9%	63.8	64.0	0.2	0.3%
6.2%	63.4	63.8	0.4	0.6%
7.4%	63.2	63.1	-0.1	-0.2%
8.6%	63.1	63.0	-0.1	-0.2%
9.9%	62.9	62.9	0.0	0.0%
11.1%	62.9	62.8	-0.1	-0.2%
12.3%	62.8	62.7	-0.1	-0.2%
13.6%	62.8	62.7	-0.1	-0.2%
14.8%	62.7	62.6	-0.1	-0.2%
16.0%	62.6	62.4	-0.2	-0.3%
17.3%	62.4	62.4	0.0	0.0%
18.5%	62.4	62.3	-0.1	-0.2%
19.8%	62.3	62.3	0.0	0.0%
21.0%	62.1	62.2	0.1	0.2%
22.2%	62.0	62.0	0.0	0.0%
23.5%	61.9	61.9	0.0	0.0%
24.7%	61.9	61.9	0.0	0.0%
25.9%	61.8	61.8	0.0	0.0%
27.2%	61.8	61.7	-0.1	-0.2%
28.4%	61.7	61.7	0.0	0.0%
29.6%	61.7	61.7	0.0	0.0%
30.9%	61.7	61.6	-0.1	-0.2%
32.1%	61.6	61.5	-0.1	-0.2%
33.3%	61.6	61.5	-0.1	-0.2%
34.6%	61.4	61.4	0.0	0.0%
35.8%	61.4	61.3	-0.1	-0.2%
37.0%	61.4	61.3	-0.1	-0.2%
38.3%	61.3	61.3	0.0	0.0%
39.5%	61.3	61.2	-0.1	-0.2%
40.7%	61.3	61.2	-0.1	-0.2%
42.0%	61.2	61.1	-0.1	-0.2%
43.2%	61.2	61.1	-0.1	-0.2%
44.4%	61.2	61.1	-0.1	-0.2%
45.7%	61.2	61.1	-0.1	-0.2%
46.9%	61.2	61.0	-0.2	-0.3%
48.1%	61.0	61.0	0.0	0.0%
49.4%	61.0	61.0	0.0	0.0%
50.6%	61.0	61.0	0.0	0.0%
51.9%	60.9	60.9	0.0	0.0%
53.1%	60.9	60.8	-0.1	-0.2%
54.3%	60.7	60.5	-0.2	-0.3%
55.6%	60.6	60.5	-0.1	-0.2%
56.8%	60.5	60.4	-0.1	-0.2%
58.0%	60.5	60.4	-0.1	-0.2%
59.3%	60.5	60.3	-0.2	-0.3%
60.5%	60.5	60.3	-0.2	-0.3%
61.7%	60.5	60.2	-0.3	-0.5%
63.0%	60.4	60.2	-0.2	-0.3%
64.2%	60.3	60.2	-0.1	-0.2%
65.4%	60.3	60.2	-0.1	-0.2%
66.7%	60.3	60.1	-0.2	-0.3%
67.9%	60.3	60.0	-0.3	-0.5%
69.1%	60.3	60.0	-0.3	-0.5%
70.4%	60.1	59.9	-0.2	-0.3%
71.6%	60.0	59.9	-0.1	-0.2%
72.8%	60.0	59.9	-0.1	-0.2%
74.1%	59.9	59.9	0.0	0.0%
75.3%	59.9	59.8	-0.1	-0.2%
76.5%	59.8	59.8	0.0	0.0%
77.8%	59.8	59.8	0.0	0.0%
79.0%	59.7	59.7	0.0	0.0%
80.2%	59.7	59.5	-0.2	-0.3%
81.5%	59.5	59.5	0.0	0.0%
82.7%	59.4	59.3	-0.1	-0.2%
84.0%	59.3	59.3	0.0	0.0%
85.2%	59.2	59.1	-0.1	-0.2%
86.4%	59.1	59.1	0.0	0.0%
87.7%	59.1	59.0	-0.1	-0.2%
88.9%	59.1	58.9	-0.2	-0.3%
90.1%	59.0	58.9	-0.1	-0.2%
91.4%	58.9	58.9	0.0	0.0%
92.6%	58.7	58.8	0.1	0.2%
93.8%	58.6	58.7	0.1	0.2%
95.1%	58.5	58.6	0.1	0.2%
96.3%	58.5	58.6	0.1	0.2%
97.5%	58.4	58.4	0.0	0.0%
98.8%	58.3	58.3	0.0	0.0%
100.0%	58.3	58.3	0.0	0.0%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	57.6	57.6	0.0	0.0%
1.2%	57.4	57.4	0.0	0.0%
2.5%	56.2	56.3	0.1	0.2%
3.7%	55.7	55.7	0.0	0.0%
4.9%	55.4	55.4	0.0	0.0%
6.2%	55.3	55.3	0.0	0.0%
7.4%	55.2	55.2	0.0	0.0%
8.6%	55.1	55.2	0.1	0.2%
9.9%	55.1	55.2	0.1	0.2%
11.1%	55.1	55.2	0.1	0.2%
12.3%	55.1	54.9	-0.2	-0.4%
13.6%	55.0	54.9	-0.1	-0.2%
14.8%	54.9	54.9	0.0	0.0%
16.0%	54.8	54.8	0.0	0.0%
17.3%	54.7	54.7	0.0	0.0%
18.5%	54.6	54.7	0.1	0.2%
19.8%	54.6	54.7	0.1	0.2%
21.0%	54.6	54.7	0.1	0.2%
22.2%	54.6	54.6	0.0	0.0%
23.5%	54.5	54.4	-0.1	-0.2%
24.7%	54.4	54.4	0.0	0.0%
25.9%	54.4	54.4	0.0	0.0%
27.2%	54.4	54.4	0.0	0.0%
28.4%	54.3	54.2	-0.1	-0.2%
29.6%	54.2	54.2	0.0	0.0%
30.9%	54.2	54.1	-0.1	-0.2%
32.1%	54.1	54.0	-0.1	-0.2%
33.3%	53.8	53.9	0.1	0.2%
34.6%	53.7	53.9	0.2	0.4%
35.8%	53.6	53.7	0.1	0.2%
37.0%	53.6	53.6	0.0	0.0%
38.3%	53.5	53.5	0.0	0.0%
39.5%	53.5	53.4	-0.1	-0.2%
40.7%	53.4	53.4	0.0	0.0%
42.0%	53.3	53.3	0.0	0.0%
43.2%	53.2	53.3	0.1	0.2%
44.4%	53.2	53.3	0.1	0.2%
45.7%	53.2	53.3	0.1	0.2%
46.9%	53.2	53.2	0.0	0.0%
48.1%	53.2	53.2	0.0	0.0%
49.4%	53.0	53.1	0.1	0.2%
50.6%	53.0	53.1	0.1	0.2%
51.9%	53.0	53.0	0.0	0.0%
53.1%	53.0	53.0	0.0	0.0%
54.3%	52.9	52.8	-0.1	-0.2%
55.6%	52.8	52.8	0.0	0.0%
56.8%	52.7	52.8	0.1	0.2%
58.0%	52.7	52.7	0.0	0.0%
59.3%	52.7	52.7	0.0	0.0%
60.5%	52.6	52.7	0.1	0.2%
61.7%	52.6	52.6	0.0	0.0%
63.0%	52.6	52.6	0.0	0.0%
64.2%	52.5	52.5	0.0	0.0%
65.4%	52.5	52.5	0.0	0.0%
66.7%	52.4	52.5	0.1	0.2%
67.9%	52.3	52.4	0.1	0.2%
69.1%	52.3	52.4	0.1	0.2%
70.4%	52.1	52.4	0.3	0.6%
71.6%	52.0	52.3	0.3	0.6%
72.8%	52.0	52.3	0.3	0.6%
74.1%	52.0	52.1	0.1	0.2%
75.3%	52.0	52.0	0.0	0.0%
76.5%	51.9	52.0	0.1	0.2%
77.8%	51.8	51.9	0.1	0.2%
79.0%	51.8	51.9	0.1	0.2%
80.2%	51.8	51.9	0.1	0.2%
81.5%	51.8	51.8	0.0	0.0%
82.7%	51.7	51.8	0.1	0.2%
84.0%	51.7	51.8	0.1	0.2%
85.2%	51.2	51.3	0.1	0.2%
86.4%	51.2	51.3	0.1	0.2%
87.7%	51.2	51.2	0.0	0.0%
88.9%	51.1	51.2	0.1	0.2%
90.1%	51.0	51.0	0.0	0.0%
91.4%	50.8	51.0	0.2	0.4%
92.6%	50.8	51.0	0.2	0.4%
93.8%	50.6	50.8	0.2	0.4%
95.1%	50.6	50.7	0.1	0.2%
96.3%	50.2	50.0	-0.2	-0.4%
97.5%	49.9	49.8	-0.1	-0.2%
98.8%	48.5	48.4	-0.1	-0.2%
100.0%	48.5	48.4	-0.1	-0.2%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.4	50.5	0.1	0.2%
1.2%	48.7	48.9	0.2	0.4%
2.5%	48.6	48.9	0.3	0.6%
3.7%	48.5	48.5	0.0	0.0%
4.9%	48.3	48.4	0.1	0.2%
6.2%	48.3	48.4	0.1	0.2%
7.4%	48.3	48.3	0.0	0.0%
8.6%	48.3	48.2	-0.1	-0.2%
9.9%	48.1	48.1	0.0	0.0%
11.1%	47.8	47.9	0.1	0.2%
12.3%	47.6	47.8	0.2	0.4%
13.6%	47.6	47.8	0.2	0.4%
14.8%	47.5	47.7	0.2	0.4%
16.0%	47.5	47.7	0.2	0.4%
17.3%	47.5	47.6	0.1	0.2%
18.5%	47.5	47.6	0.1	0.2%
19.8%	47.5	47.6	0.1	0.2%
21.0%	47.5	47.5	0.0	0.0%
22.2%	47.4	47.5	0.1	0.2%
23.5%	47.4	47.3	-0.1	-0.2%
24.7%	47.3	47.3	0.0	0.0%
25.9%	47.3	47.3	0.0	0.0%
27.2%	47.2	47.3	0.1	0.2%
28.4%	47.0	47.2	0.2	0.4%
29.6%	46.9	47.2	0.3	0.6%
30.9%	46.8	46.9	0.1	0.2%
32.1%	46.8	46.9	0.1	0.2%
33.3%	46.7	46.8	0.1	0.2%
34.6%	46.7	46.7	0.0	0.0%
35.8%	46.7	46.7	0.0	0.0%
37.0%	46.6	46.7	0.1	0.2%
38.3%	46.5	46.6	0.1	0.2%
39.5%	46.4	46.5	0.1	0.2%
40.7%	46.4	46.4	0.0	0.0%
42.0%	46.2	46.3	0.1	0.2%
43.2%	46.2	46.2	0.0	0.0%
44.4%	46.1	46.2	0.1	0.2%
45.7%	46.1	46.1	0.0	0.0%
46.9%	46.0	46.1	0.1	0.2%
48.1%	46.0	46.0	0.0	0.0%
49.4%	45.9	46.0	0.1	0.2%
50.6%	45.9	45.9	0.0	0.0%
51.9%	45.8	45.9	0.1	0.2%
53.1%	45.7	45.8	0.1	0.2%
54.3%	45.7	45.8	0.1	0.2%
55.6%	45.6	45.8	0.2	0.4%
56.8%	45.6	45.7	0.1	0.2%
58.0%	45.6	45.7	0.1	0.2%
59.3%	45.6	45.7	0.1	0.2%
60.5%	45.6	45.6	0.0	0.0%
61.7%	45.5	45.6	0.1	0.2%
63.0%	45.5	45.6	0.1	0.2%
64.2%	45.5	45.6	0.1	0.2%
65.4%	45.4	45.5	0.1	0.2%
66.7%	45.3	45.5	0.2	0.4%
67.9%	45.3	45.3	0.0	0.0%
69.1%	45.3	45.3	0.0	0.0%
70.4%	45.2	45.2	0.0	0.0%
71.6%	45.1	45.0	-0.1	-0.2%
72.8%	44.9	45.0	0.1	0.2%
74.1%	44.9	45.0	0.1	0.2%
75.3%	44.9	44.9	0.0	0.0%
76.5%	44.4	44.5	0.1	0.2%
77.8%	44.4	44.4	0.0	0.0%
79.0%	44.2	44.4	0.2	0.5%
80.2%	44.1	44.3	0.2	0.5%
81.5%	44.1	43.9	-0.2	-0.5%
82.7%	44.0	43.9	-0.1	-0.2%
84.0%	43.9	43.9	0.0	0.0%
85.2%	43.7	43.8	0.1	0.2%
86.4%	43.6	43.7	0.1	0.2%
87.7%	43.4	43.4	0.0	0.0%
88.9%	43.3	43.3	0.0	0.0%
90.1%	43.0	43.2	0.2	0.5%
91.4%	42.9	43.1	0.2	0.5%
92.6%	42.9	43.0	0.1	0.2%
93.8%	42.7	42.8	0.1	0.2%
95.1%	42.7	42.7	0.0	0.0%
96.3%	42.6	42.7	0.1	0.2%
97.5%	41.6	41.6	0.0	0.0%
98.8%	41.1	41.1	0.0	0.0%
100.0%	41.1	41.1	0.0	0.0%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.8	47.7	-0.1	-0.2%
1.2%	47.6	47.7	0.1	0.2%
2.5%	47.6	47.6	0.0	0.0%
3.7%	47.5	47.6	0.1	0.2%
4.9%	47.2	47.4	0.2	0.4%
6.2%	47.1	47.2	0.1	0.2%
7.4%	47.0	47.1	0.1	0.2%
8.6%	47.0	47.1	0.1	0.2%
9.9%	47.0	47.0	0.0	0.0%
11.1%	47.0	47.0	0.0	0.0%
12.3%	46.9	47.0	0.1	0.2%
13.6%	46.8	46.8	0.0	0.0%
14.8%	46.7	46.6	-0.1	-0.2%
16.0%	46.6	46.6	0.0	0.0%
17.3%	46.5	46.6	0.1	0.2%
18.5%	46.5	46.5	0.0	0.0%
19.8%	46.3	46.3	0.0	0.0%
21.0%	46.3	46.3	0.0	0.0%
22.2%	46.2	46.3	0.1	0.2%
23.5%	46.1	46.2	0.1	0.2%
24.7%	46.1	46.2	0.1	0.2%
25.9%	46.1	46.1	0.0	0.0%
27.2%	46.1	46.1	0.0	0.0%
28.4%	46.1	46.1	0.0	0.0%
29.6%	46.1	46.0	-0.1	-0.2%
30.9%	46.0	46.0	0.0	0.0%
32.1%	45.8	45.9	0.1	0.2%
33.3%	45.7	45.9	0.2	0.4%
34.6%	45.7	45.8	0.1	0.2%
35.8%	45.7	45.7	0.0	0.0%
37.0%	45.6	45.7	0.1	0.2%
38.3%	45.5	45.7	0.2	0.4%
39.5%	45.5	45.6	0.1	0.2%
40.7%	45.5	45.6	0.1	0.2%
42.0%	45.4	45.5	0.1	0.2%
43.2%	45.4	45.5	0.1	0.2%
44.4%	45.4	45.4	0.0	0.0%
45.7%	45.3	45.4	0.1	0.2%
46.9%	45.3	45.3	0.0	0.0%
48.1%	45.3	45.3	0.0	0.0%
49.4%	45.2	45.3	0.1	0.2%
50.6%	45.2	45.2	0.0	0.0%
51.9%	45.2	45.2	0.0	0.0%
53.1%	45.2	45.2	0.0	0.0%
54.3%	45.1	45.1	0.0	0.0%
55.6%	45.1	45.1	0.0	0.0%
56.8%	44.9	45.0	0.1	0.2%
58.0%	44.8	44.9	0.1	0.2%
59.3%	44.7	44.6	-0.1	-0.2%
60.5%	44.6	44.6	0.0	0.0%
61.7%	44.6	44.6	0.0	0.0%
63.0%	44.5	44.5	0.0	0.0%
64.2%	44.4	44.4	0.0	0.0%
65.4%	44.4	44.4	0.0	0.0%
66.7%	44.3	44.3	0.0	0.0%
67.9%	44.3	44.3	0.0	0.0%
69.1%	44.3	44.3	0.0	0.0%
70.4%	44.3	44.1	-0.2	-0.5%
71.6%	44.2	44.0	-0.2	-0.5%
72.8%	44.0	43.9	-0.1	-0.2%
74.1%	43.9	43.9	0.0	0.0%
75.3%	43.8	43.8	0.0	0.0%
76.5%	43.6	43.8	0.2	0.5%
77.8%	43.6	43.7	0.1	0.2%
79.0%	43.5	43.6	0.1	0.2%
80.2%	43.5	43.6	0.1	0.2%
81.5%	43.4	43.5	0.1	0.2%
82.7%	43.3	43.5	0.2	0.5%
84.0%	43.3	43.4	0.1	0.2%
85.2%	43.3	43.4	0.1	0.2%
86.4%	43.0	43.0	0.0	0.0%
87.7%	42.9	43.0	0.1	0.2%
88.9%	42.8	42.8	0.0	0.0%
90.1%	42.7	42.6	-0.1	-0.2%
91.4%	42.6	42.6	0.0	0.0%
92.6%	42.4	42.3	-0.1	-0.2%
93.8%	42.0	42.3	0.3	0.7%
95.1%	41.6	41.7	0.1	0.2%
96.3%	41.5	41.5	0.0	0.0%
97.5%	39.7	39.7	0.0	0.0%
98.8%	39.3	39.3	0.0	0.0%
100.0%	39.3	39.3	0.0	0.0%

Table SQ-12-9b

Sacramento River at American River, Monthly Temperature
Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	53.8	53.7	-0.1	-0.2%
1.2%	52.8	53.1	0.3	0.6%
2.5%	52.5	52.8	0.3	0.6%
3.7%	52.3	52.5	0.2	0.4%
4.9%	52.2	52.2	0.0	0.0%
6.2%	51.9	52.0	0.1	0.2%
7.4%	51.7	51.9	0.2	0.4%
8.6%	51.6	51.7	0.1	0.2%
9.9%	51.5	51.6	0.1	0.2%
11.1%	51.5	51.5	0.0	0.0%
12.3%	51.3	51.5	0.2	0.4%
13.6%	51.2	51.3	0.1	0.2%
14.8%	51.2	51.3	0.1	0.2%
16.0%	51.1	51.2	0.1	0.2%
17.3%	51.0	51.1	0.1	0.2%
18.5%	51.0	51.0	0.0	0.0%
19.8%	50.9	50.9	0.0	0.0%
21.0%	50.9	50.7	-0.2	-0.4%
22.2%	50.7	50.7	0.0	0.0%
23.5%	50.7	50.7	0.0	0.0%
24.7%	50.6	50.7	0.1	0.2%
25.9%	50.6	50.5	-0.1	-0.2%
27.2%	50.6	50.5	-0.1	-0.2%
28.4%	50.5	50.5	0.0	0.0%
29.6%	50.3	50.5	0.2	0.4%
30.9%	50.3	50.3	0.0	0.0%
32.1%	50.2	50.1	-0.1	-0.2%
33.3%	50.1	50.1	0.0	0.0%
34.6%	50.0	50.0	0.0	0.0%
35.8%	49.9	50.0	0.1	0.2%
37.0%	49.8	49.9	0.1	0.2%
38.3%	49.8	49.8	0.0	0.0%
39.5%	49.7	49.8	0.1	0.2%
40.7%	49.7	49.7	0.0	0.0%
42.0%	49.6	49.7	0.1	0.2%
43.2%	49.6	49.6	0.0	0.0%
44.4%	49.5	49.5	0.0	0.0%
45.7%	49.5	49.5	0.0	0.0%
46.9%	49.5	49.5	0.0	0.0%
48.1%	49.4	49.4	0.0	0.0%
49.4%	49.4	49.4	0.0	0.0%
50.6%	49.3	49.3	0.0	0.0%
51.9%	49.3	49.3	0.0	0.0%
53.1%	49.2	49.3	0.1	0.2%
54.3%	49.2	49.2	0.0	0.0%
55.6%	49.2	49.2	0.0	0.0%
56.8%	49.2	49.2	0.0	0.0%
58.0%	49.1	49.2	0.1	0.2%
59.3%	49.1	49.2	0.1	0.2%
60.5%	49.1	49.1	0.0	0.0%
61.7%	49.0	49.1	0.1	0.2%
63.0%	49.0	49.1	0.1	0.2%
64.2%	48.9	49.0	0.1	0.2%
65.4%	48.8	49.0	0.2	0.4%
66.7%	48.8	48.9	0.1	0.2%
67.9%	48.8	48.9	0.1	0.2%
69.1%	48.8	48.8	0.0	0.0%
70.4%	48.7	48.8	0.1	0.2%
71.6%	48.7	48.7	0.0	0.0%
72.8%	48.7	48.7	0.0	0.0%
74.1%	48.6	48.7	0.1	0.2%
75.3%	48.5	48.6	0.1	0.2%
76.5%	48.5	48.6	0.1	0.2%
77.8%	48.5	48.5	0.0	0.0%
79.0%	48.4	48.4	0.0	0.0%
80.2%	48.4	48.4	0.0	0.0%
81.5%	48.4	48.3	-0.1	-0.2%
82.7%	48.2	48.1	-0.1	-0.2%
84.0%	48.1	48.1	0.0	0.0%
85.2%	48.1	48.1	0.0	0.0%
86.4%	48.1	48.1	0.0	0.0%
87.7%	48.0	48.0	0.0	0.0%
88.9%	47.9	48.0	0.1	0.2%
90.1%	47.8	47.9	0.1	0.2%
91.4%	47.6	47.6	0.0	0.0%
92.6%	47.4	47.5	0.1	0.2%
93.8%	47.3	47.4	0.1	0.2%
95.1%	47.2	47.2	0.0	0.0%
96.3%	47.1	47.2	0.1	0.2%
97.5%	47.0	47.1	0.1	0.2%
98.8%	46.3	46.3	0.0	0.0%
100.0%	46.3	46.3	0.0	0.0%

March

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	60.5	60.4	-0.1	-0.2%
1.2%	59.3	59.4	0.1	0.2%
2.5%	57.9	58.1	0.2	0.3%
3.7%	57.8	57.9	0.1	0.2%
4.9%	57.8	57.8	0.0	0.0%
6.2%	57.5	57.7	0.2	0.3%
7.4%	57.3	57.5	0.2	0.3%
8.6%	57.2	57.3	0.1	0.2%
9.9%	57.2	57.3	0.1	0.2%
11.1%	56.7	57.2	0.5	0.9%
12.3%	56.7	56.9	0.2	0.4%
13.6%	56.5	56.8	0.3	0.5%
14.8%	56.4	56.7	0.3	0.5%
16.0%	56.2	56.4	0.2	0.4%
17.3%	56.1	56.4	0.3	0.5%
18.5%	56.1	56.3	0.2	0.4%
19.8%	56.1	56.2	0.1	0.2%
21.0%	56.1	56.1	0.0	0.0%
22.2%	56.0	56.0	0.0	0.0%
23.5%	55.9	55.9	0.0	0.0%
24.7%	55.7	55.9	0.2	0.4%
25.9%	55.5	55.8	0.3	0.5%
27.2%	55.4	55.7	0.3	0.5%
28.4%	55.3	55.6	0.3	0.5%
29.6%	55.2	55.5	0.3	0.5%
30.9%	55.2	55.4	0.2	0.4%
32.1%	55.1	55.4	0.3	0.5%
33.3%	55.1	55.2	0.1	0.2%
34.6%	55.1	55.1	0.0	0.0%
35.8%	55.1	55.1	0.0	0.0%
37.0%	55.1	55.1	0.0	0.0%
38.3%	55.0	55.1	0.1	0.2%
39.5%	54.9	55.0	0.1	0.2%
40.7%	54.9	55.0	0.1	0.2%
42.0%	54.7	54.9	0.2	0.4%
43.2%	54.6	54.9	0.3	0.5%
44.4%	54.5	54.8	0.3	0.6%
45.7%	54.4	54.6	0.2	0.4%
46.9%	54.3	54.4	0.1	0.2%
48.1%	54.3	54.4	0.1	0.2%
49.4%	54.2	54.4	0.2	0.4%
50.6%	54.2	54.3	0.1	0.2%
51.9%	54.1	54.3	0.2	0.4%
53.1%	54.1	54.1	0.0	0.0%
54.3%	54.0	54.1	0.1	0.2%
55.6%	54.0	54.1	0.1	0.2%
56.8%	53.9	54.0	0.1	0.2%
58.0%	53.9	54.0	0.1	0.2%
59.3%	53.8	53.9	0.1	0.2%
60.5%	53.8	53.9	0.1	0.2%
61.7%	53.8	53.9	0.1	0.2%
63.0%	53.8	53.8	0.0	0.0%
64.2%	53.7	53.7	0.0	0.0%
65.4%	53.6	53.7	0.1	0.2%
66.7%	53.5	53.6	0.1	0.2%
67.9%	53.2	53.5	0.3	0.6%
69.1%	53.2	53.5	0.3	0.6%
70.4%	53.1	53.1	0.0	0.0%
71.6%	53.1	53.1	0.0	0.0%
72.8%	52.9	53.0	0.1	0.2%
74.1%	52.8	52.9	0.1	0.2%
75.3%	52.6	52.9	0.3	0.6%
76.5%	52.5	52.8	0.3	0.6%
77.8%	52.5	52.7	0.2	0.4%
79.0%	52.4	52.5	0.1	0.2%
80.2%	52.4	52.5	0.1	0.2%
81.5%	52.4	52.4	0.0	0.0%
82.7%	52.2	52.3	0.1	0.2%
84.0%	52.1	52.2	0.1	0.2%
85.2%	52.0	52.1	0.1	0.2%
86.4%	52.0	52.1	0.1	0.2%
87.7%	52.0	52.1	0.1	0.2%
88.9%	52.0	52.0	0.0	0.0%
90.1%	51.9	51.9	0.0	0.0%
91.4%	51.7	51.9	0.2	0.4%
92.6%	51.6	51.7	0.1	0.2%
93.8%	51.6	51.6	0.0	0.0%
95.1%	51.4	51.4	0.0	0.0%
96.3%	51.3	51.3	0.0	0.0%
97.5%	51.3	51.3	0.0	0.0%
98.8%	51.0	51.1	0.1	0.2%
100.0%	51.0	51.1	0.1	0.2%

April

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	65.4	65.6	0.2	0.3%
1.2%	65.4	65.3	-0.1	-0.2%
2.5%	65.2	65.0	-0.2	-0.3%
3.7%	64.6	64.6	0.0	0.0%
4.9%	64.6	64.5	-0.1	-0.2%
6.2%	64.4	64.5	0.1	0.2%
7.4%	64.3	64.3	0.0	0.0%
8.6%	64.1	64.3	0.2	0.3%
9.9%	64.0	64.2	0.2	0.3%
11.1%	63.9	64.0	0.1	0.2%
12.3%	63.6	63.9	0.3	0.5%
13.6%	63.2	63.3	0.1	0.2%
14.8%	63.2	63.2	0.0	0.0%
16.0%	63.0	63.2	0.2	0.3%
17.3%	63.0	63.2	0.2	0.3%
18.5%	62.9	63.1	0.2	0.3%
19.8%	62.9	63.0	0.1	0.2%
21.0%	62.8	63.0	0.2	0.3%
22.2%	62.7	62.8	0.1	0.2%
23.5%	62.6	62.7	0.1	0.2%
24.7%	62.5	62.5	0.0	0.0%
25.9%	62.5	62.3	-0.2	-0.3%
27.2%	62.3	62.3	0.0	0.0%
28.4%	62.1	62.2	0.1	0.2%
29.6%	62.1	62.1	0.0	0.0%
30.9%	62.0	62.1	0.1	0.2%
32.1%	61.9	62.0	0.1	0.2%
33.3%	61.6	61.6	0.0	0.0%
34.6%	61.5	61.5	0.0	0.0%
35.8%	61.4	61.4	0.0	0.0%
37.0%	61.4	61.3	-0.1	-0.2%
38.3%	61.3	61.3	0.0	0.0%
39.5%	61.2	61.3	0.1	0.2%
40.7%	61.2	61.3	0.1	0.2%
42.0%	61.2	61.3	0.1	0.2%
43.2%	61.1	61.2	0.1	0.2%
44.4%	60.9	61.1	0.2	0.3%
45.7%	60.9	61.0	0.1	0.2%
46.9%	60.8	60.9	0.1	0.2%
48.1%	60.8	60.9	0.1	0.2%
49.4%	60.8	60.8	0.0	0.0%
50.6%	60.8	60.8	0.0	0.0%
51.9%	60.7	60.7	0.0	0.0%
53.1%	60.6	60.7	0.1	0.2%
54.3%	60.6	60.6	0.0	0.0%
55.6%	60.6	60.6	0.0	0.0%
56.8%	60.5	60.6	0.1	0.2%
58.0%	60.5	60.5	0.0	0.0%
59.3%	60.1	60.1	0.0	0.0%
60.5%	60.0	60.0	0.0	0.0%
61.7%	59.6	59.9	0.3	0.5%
63.0%	59.6	59.7	0.1	0.2%
64.2%	59.6	59.6	0.0	0.0%
65.4%	59.6	59.6	0.0	0.0%
66.7%	59.5	59.5	0.0	0.0%
67.9%	59.3	59.3	0.0	0.0%
69.1%	59.3	59.2	-0.1	-0.2%
70.4%	59.2	59.2	0.0	0.0%
71.6%	59.1	59.0	-0.1	-0.2%
72.8%	59.1	59.0	-0.1	-0.2%
74.1%	59.0	58.9	-0.1	-0.2%
75.3%	58.5	58.5	0.0	0.0%
76.5%	58.4	58.4	0.0	0.0%
77.8%	58.4	58.4	0.0	0.0%
79.0%	58.4	58.4	0.0	0.0%
80.2%	57.8	58.1	0.3	0.5%
81.5%	57.7	57.8	0.1	0.2%
82.7%	57.6	57.6	0.0	0.0%
84.0%	57.5	57.6	0.1	0.2%
85.2%	57.5	57.5	0.0	0.0%
86.4%	57.4	57.5	0.1	0.2%
87.7%	57.4	57.4	0.0	0.0%
88.9%	57.3	57.3	0.0	0.0%
90.1%	57.2	57.2	0.0	0.0%
91.4%	57.2	57.2	0.0	0.0%
92.6%	56.5	56.9	0.4	0.7%
93.8%	56.3	56.3	0.0	0.0%
95.1%	56.2	56.2	0.0	0.0%
96.3%	56.1	56.1	0.0	0.0%
97.5%	55.0	55.0	0.0	0.0%
98.8%	54.2	54.2	0.0	0.0%
100.0%	54.2	54.2	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	73.4	73.4	0.0	0.0%
1.2%	71.9	71.9	0.0	0.0%
2.5%	71.0	71.1	0.1	0.1%
3.7%	70.6	70.6	0.0	0.0%
4.9%	70.1	70.1	0.0	0.0%
6.2%	69.7	69.7	0.0	0.0%
7.4%	69.6	69.6	0.0	0.0%
8.6%	69.4	69.3	-0.1	-0.1%
9.9%	68.9	68.9	0.0	0.0%
11.1%	68.8	68.7	-0.1	-0.1%
12.3%	68.6	68.4	-0.2	-0.3%
13.6%	68.4	68.4	0.0	0.0%
14.8%	68.3	68.2	-0.1	-0.1%
16.0%	68.1	68.1	0.0	0.0%
17.3%	68.1	68.1	0.0	0.0%
18.5%	67.9	68.1	0.2	0.3%
19.8%	67.9	67.9	0.0	0.0%
21.0%	67.8	67.9	0.1	0.1%
22.2%	67.6	67.6	0.0	0.0%
23.5%	67.6	67.6	0.0	0.0%
24.7%	67.4	67.4	0.0	0.0%
25.9%	67.3	67.4	0.1	0.1%
27.2%	67.2	67.2	0.0	0.0%
28.4%	67.2	67.2	0.0	0.0%
29.6%	67.1	67.2	0.1	0.1%
30.9%	67.1	67.1	0.0	0.0%
32.1%	67.1	67.0	-0.1	-0.1%
33.3%	67.0	66.9	-0.1	-0.1%
34.6%	66.9	66.9	0.0	0.0%
35.8%	66.9	66.8	-0.1	-0.1%
37.0%	66.8	66.7	-0.1	-0.1%
38.3%	66.8	66.7	-0.1	-0.1%
39.5%	66.8	66.7	-0.1	-0.1%
40.7%	66.7	66.6	-0.1	-0.1%
42.0%	66.6	66.6	0.0	0.0%
43.2%	66.6	66.5	-0.1	-0.2%
44.4%	66.5	66.5	0.0	0.0%
45.7%	66.5	66.5	0.0	0.0%
46.9%	66.2	66.5	0.3	0.5%
48.1%	66.2	66.5	0.3	0.5%
49.4%	66.1	66.1	0.0	0.0%
50.6%	66.0	66.0	0.0	0.0%
51.9%	65.9	66.0	0.1	0.2%
53.1%	65.9	66.0	0.1	0.2%
54.3%	65.8	65.9	0.1	0.2%
55.6%	65.7	65.7	0.0	0.0%
56.8%	65.7	65.7	0.0	0.0%
58.0%	65.2	65.3	0.1	0.2%
59.3%	65.1	65.2	0.1	0.2%
60.5%	65.1	65.1	0.0	0.0%
61.7%	65.0	65.1	0.1	0.2%
63.0%	65.0	65.1	0.1	0.2%
64.2%	64.9	65.0	0.1	0.2%
65.4%	64.8	64.8	0.0	0.0%
66.7%	64.6	64.7	0.1	0.2%
67.9%	64.6	64.6	0.0	0.0%
69.1%	64.5	64.5	0.0	0.0%
70.4%	64.3	64.2	-0.1	-0.2%
71.6%	64.2	64.2	0.0	0.0%
72.8%	64.2	64.2	0.0	0.0%
74.1%	63.9	63.9	0.0	0.0%
75.3%	63.8	63.9	0.1	0.2%
76.5%	63.6	63.9	0.3	0.5%
77.8%	63.6	63.8	0.2	0.3%
79.0%	63.5	63.5	0.0	0.0%
80.2%	63.4	63.5	0.1	0.2%
81.5%	63.3	63.4	0.1	0.2%
82.7%	63.1	63.1	0.0	0.0%
84.0%	63.0	63.0	0.0	0.0%
85.2%	63.0	63.0	0.0	0.0%
86.4%	62.9	62.9	0.0	0.0%
87.7%	62.7	62.9	0.2	0.3%
88.9%	62.7	62.7	0.0	0.0%
90.1%	62.6	62.7	0.1	0.2%
91.4%	62.5	62.6	0.1	0.2%
92.6%	62.5	62.6	0.1	0.2%
93.8%	62.2	62.5	0.3	0.5%
95.1%	62.1	62.2	0.1	0.2%
96.3%	61.3	61.3	0.0	0.0%
97.5%	61.2	61.3	0.1	0.2%
98.8%	60.1	60.1	0.0	0.0%
100.0%	60.1	60.1	0.0	0.0%

Table SQ-12-9b

Sacramento River at American River, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	74.2	74.3	0.1	0.1%
1.2%	73.9	74.2	0.3	0.4%
2.5%	73.5	73.8	0.3	0.4%
3.7%	73.1	73.8	0.7	1.0%
4.9%	73.0	73.7	0.7	1.0%
6.2%	72.9	73.2	0.3	0.4%
7.4%	72.8	73.0	0.2	0.3%
8.6%	72.7	72.9	0.2	0.3%
9.9%	72.4	72.9	0.5	0.7%
11.1%	72.3	72.7	0.4	0.6%
12.3%	72.2	72.7	0.5	0.7%
13.6%	72.2	72.6	0.4	0.6%
14.8%	72.2	72.5	0.3	0.4%
16.0%	72.1	72.5	0.4	0.6%
17.3%	72.0	72.5	0.5	0.7%
18.5%	71.9	72.3	0.4	0.6%
19.8%	71.6	72.3	0.7	1.0%
21.0%	71.5	71.9	0.4	0.6%
22.2%	71.5	71.9	0.4	0.6%
23.5%	71.3	71.8	0.5	0.7%
24.7%	71.2	71.8	0.6	0.8%
25.9%	71.2	71.6	0.4	0.6%
27.2%	71.2	71.5	0.3	0.4%
28.4%	71.1	71.3	0.2	0.3%
29.6%	71.1	71.3	0.2	0.3%
30.9%	71.0	71.3	0.3	0.4%
32.1%	70.9	71.2	0.3	0.4%
33.3%	70.9	71.2	0.3	0.4%
34.6%	70.9	71.2	0.3	0.4%
35.8%	70.8	71.2	0.4	0.6%
37.0%	70.8	71.1	0.3	0.4%
38.3%	70.8	71.1	0.3	0.4%
39.5%	70.7	71.0	0.3	0.4%
40.7%	70.7	71.0	0.3	0.4%
42.0%	70.6	70.8	0.2	0.3%
43.2%	70.6	70.8	0.2	0.3%
44.4%	70.6	70.8	0.2	0.3%
45.7%	70.5	70.5	0.0	0.0%
46.9%	70.5	70.5	0.0	0.0%
48.1%	70.5	70.5	0.0	0.0%
49.4%	70.4	70.4	0.0	0.0%
50.6%	70.3	70.3	0.0	0.0%
51.9%	70.3	70.3	0.0	0.0%
53.1%	70.2	70.3	0.1	0.1%
54.3%	70.2	70.3	0.1	0.1%
55.6%	70.1	70.2	0.1	0.1%
56.8%	70.1	70.1	0.0	0.0%
58.0%	70.0	70.0	0.0	0.0%
59.3%	70.0	70.0	0.0	0.0%
60.5%	69.8	69.9	0.1	0.1%
61.7%	69.8	69.8	0.0	0.0%
63.0%	69.8	69.8	0.0	0.0%
64.2%	69.7	69.7	0.0	0.0%
65.4%	69.6	69.7	0.1	0.1%
66.7%	69.5	69.6	0.1	0.1%
67.9%	69.4	69.6	0.2	0.3%
69.1%	69.3	69.5	0.2	0.3%
70.4%	69.3	69.4	0.1	0.1%
71.6%	69.2	69.4	0.2	0.3%
72.8%	69.1	69.2	0.1	0.1%
74.1%	69.1	69.2	0.1	0.1%
75.3%	69.1	69.1	0.0	0.0%
76.5%	68.9	69.1	0.2	0.3%
77.8%	68.7	68.7	0.0	0.0%
79.0%	68.7	68.6	-0.1	-0.1%
80.2%	68.6	68.6	0.0	0.0%
81.5%	68.4	68.4	0.0	0.0%
82.7%	68.4	68.3	-0.1	-0.1%
84.0%	68.2	68.2	0.0	0.0%
85.2%	68.1	68.1	0.0	0.0%
86.4%	67.8	67.9	0.1	0.1%
87.7%	67.6	67.4	-0.2	-0.3%
88.9%	67.4	67.4	0.0	0.0%
90.1%	67.2	67.4	0.2	0.3%
91.4%	67.2	67.2	0.0	0.0%
92.6%	66.7	66.7	0.0	0.0%
93.8%	66.6	66.6	0.0	0.0%
95.1%	66.6	66.6	0.0	0.0%
96.3%	66.4	66.4	0.0	0.0%
97.5%	66.4	66.4	0.0	0.0%
98.8%	65.6	65.5	-0.1	-0.2%
100.0%	65.6	65.5	-0.1	-0.2%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	77.2	76.9	-0.3	-0.4%
1.2%	76.2	76.3	0.1	0.1%
2.5%	76.1	75.9	-0.2	-0.3%
3.7%	74.8	74.6	-0.2	-0.3%
4.9%	74.5	74.4	-0.1	-0.1%
6.2%	74.2	74.4	0.2	0.3%
7.4%	74.0	74.3	0.3	0.4%
8.6%	73.7	74.0	0.3	0.4%
9.9%	73.6	73.9	0.3	0.4%
11.1%	73.6	73.8	0.2	0.3%
12.3%	73.5	73.6	0.1	0.1%
13.6%	73.5	73.6	0.1	0.1%
14.8%	73.4	73.5	0.1	0.1%
16.0%	73.3	73.4	0.1	0.1%
17.3%	73.2	73.4	0.2	0.3%
18.5%	73.2	73.4	0.2	0.3%
19.8%	73.1	73.2	0.1	0.1%
21.0%	73.1	73.2	0.1	0.1%
22.2%	73.1	73.2	0.1	0.1%
23.5%	73.1	73.2	0.1	0.1%
24.7%	73.1	73.0	-0.1	-0.1%
25.9%	73.0	73.0	0.0	0.0%
27.2%	73.0	73.0	0.0	0.0%
28.4%	73.0	72.9	-0.1	-0.1%
29.6%	72.9	72.9	0.0	0.0%
30.9%	72.9	72.9	0.0	0.0%
32.1%	72.9	72.9	0.0	0.0%
33.3%	72.9	72.8	-0.1	-0.1%
34.6%	72.8	72.8	0.0	0.0%
35.8%	72.8	72.7	-0.1	-0.1%
37.0%	72.7	72.7	0.0	0.0%
38.3%	72.6	72.6	0.0	0.0%
39.5%	72.6	72.6	0.0	0.0%
40.7%	72.5	72.5	0.0	0.0%
42.0%	72.4	72.5	0.1	0.1%
43.2%	72.4	72.5	0.1	0.1%
44.4%	72.4	72.5	0.1	0.1%
45.7%	72.3	72.4	0.1	0.1%
46.9%	72.3	72.4	0.1	0.1%
48.1%	72.2	72.3	0.1	0.1%
49.4%	72.2	72.2	0.0	0.0%
50.6%	72.2	72.2	0.0	0.0%
51.9%	72.2	72.1	-0.1	-0.1%
53.1%	72.1	72.0	-0.1	-0.1%
54.3%	72.1	72.0	-0.1	-0.1%
55.6%	72.0	71.9	-0.1	-0.1%
56.8%	71.8	71.9	0.1	0.1%
58.0%	71.8	71.9	0.1	0.1%
59.3%	71.7	71.8	0.1	0.1%
60.5%	71.6	71.8	0.2	0.3%
61.7%	71.6	71.7	0.1	0.1%
63.0%	71.6	71.6	0.0	0.0%
64.2%	71.5	71.6	0.1	0.1%
65.4%	71.5	71.6	0.1	0.1%
66.7%	71.5	71.5	0.0	0.0%
67.9%	71.4	71.5	0.1	0.1%
69.1%	71.4	71.5	0.1	0.1%
70.4%	71.4	71.4	0.0	0.0%
71.6%	71.4	71.4	0.0	0.0%
72.8%	71.4	71.3	-0.1	-0.1%
74.1%	71.3	71.3	0.0	0.0%
75.3%	71.3	71.2	-0.1	-0.1%
76.5%	71.3	71.2	-0.1	-0.1%
77.8%	71.2	71.2	0.0	0.0%
79.0%	71.1	71.2	0.1	0.1%
80.2%	71.1	71.2	0.1	0.1%
81.5%	71.0	71.0	0.0	0.0%
82.7%	70.9	71.0	0.1	0.1%
84.0%	70.8	71.0	0.2	0.3%
85.2%	70.7	70.7	0.0	0.0%
86.4%	70.6	70.7	0.1	0.1%
87.7%	70.5	70.6	0.1	0.1%
88.9%	70.3	70.4	0.1	0.1%
90.1%	70.2	70.2	0.0	0.0%
91.4%	70.1	69.9	-0.2	-0.3%
92.6%	70.0	69.8	-0.2	-0.3%
93.8%	70.0	69.6	-0.4	-0.6%
95.1%	69.7	69.1	-0.6	-0.9%
96.3%	69.2	69.0	-0.2	-0.3%
97.5%	68.9	69.0	0.1	0.1%
98.8%	68.9	68.7	-0.2	-0.3%
100.0%	68.9	68.7	-0.2	-0.3%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	75.0	74.7	-0.3	-0.4%
1.2%	74.8	74.4	-0.4	-0.5%
2.5%	74.7	74.4	-0.3	-0.4%
3.7%	74.7	74.2	-0.5	-0.7%
4.9%	74.5	74.1	-0.4	-0.5%
6.2%	74.2	74.1	-0.1	-0.1%
7.4%	74.1	73.9	-0.2	-0.3%
8.6%	74.1	73.9	-0.2	-0.3%
9.9%	74.0	73.9	-0.1	-0.1%
11.1%	74.0	73.7	-0.3	-0.4%
12.3%	73.9	73.7	-0.2	-0.3%
13.6%	73.7	73.3	-0.4	-0.5%
14.8%	73.5	73.3	-0.2	-0.3%
16.0%	73.4	73.3	-0.1	-0.1%
17.3%	73.4	73.2	-0.2	-0.3%
18.5%	73.3	73.2	-0.1	-0.1%
19.8%	73.2	73.2	0.0	0.0%
21.0%	73.2	73.1	-0.1	-0.1%
22.2%	72.9	73.0	0.1	0.1%
23.5%	72.9	73.0	0.1	0.1%
24.7%	72.8	72.8	0.0	0.0%
25.9%	72.8	72.8	0.0	0.0%
27.2%	72.7	72.8	0.1	0.1%
28.4%	72.7	72.7	0.0	0.0%
29.6%	72.7	72.6	-0.1	-0.1%
30.9%	72.7	72.5	-0.2	-0.3%
32.1%	72.6	72.5	-0.1	-0.1%
33.3%	72.6	72.4	-0.2	-0.3%
34.6%	72.5	72.3	-0.2	-0.3%
35.8%	72.4	72.2	-0.2	-0.3%
37.0%	72.2	72.2	0.0	0.0%
38.3%	72.2	72.1	-0.1	-0.1%
39.5%	72.2	72.1	-0.1	-0.1%
40.7%	72.2	72.1	-0.1	-0.1%
42.0%	72.2	72.0	-0.2	-0.3%
43.2%	72.0	72.0	0.0	0.0%
44.4%	71.9	71.9	0.0	0.0%
45.7%	71.9	71.8	-0.1	-0.1%
46.9%	71.9	71.6	-0.3	-0.4%
48.1%	71.8	71.6	-0.2	-0.3%
49.4%	71.6	71.6	0.0	0.0%
50.6%	71.5	71.5	0.0	0.0%
51.9%	71.4	71.4	0.0	0.0%
53.1%	71.4	71.4	0.0	0.0%
54.3%	71.3	71.4	0.1	0.1%
55.6%	71.2	71.3	0.1	0.1%
56.8%	71.1	71.3	0.2	0.3%
58.0%	71.1	71.2	0.1	0.1%
59.3%	71.1	71.2	0.1	0.1%
60.5%	71.1	71.2	0.1	0.1%
61.7%	71.0	71.2	0.2	0.3%
63.0%	71.0	71.1	0.1	0.1%
64.2%	71.0	71.1	0.1	0.1%
65.4%	70.9	71.0	0.1	0.1%
66.7%	70.9	71.0	0.1	0.1%
67.9%	70.8	71.0	0.2	0.3%
69.1%	70.7	70.9	0.2	0.3%
70.4%	70.7	70.9	0.2	0.3%
71.6%	70.6	70.8	0.2	0.3%
72.8%	70.6	70.8	0.2	0.3%
74.1%	70.5	70.8	0.3	0.4%
75.3%	70.5	70.8	0.3	0.4%
76.5%	70.5	70.7	0.2	0.3%
77.8%	70.5	70.6	0.1	0.1%
79.0%	70.5	70.6	0.1	0.1%
80.2%	70.4	70.6	0.2	0.3%
81.5%	70.4	70.6	0.2	0.3%
82.7%	70.4	70.5	0.1	0.1%
84.0%	70.2	70.5	0.3	0.4%
85.2%	70.2	70.5	0.3	0.4%
86.4%	70.1	70.5	0.4	0.6%
87.7%	70.0	70.4	0.4	0.6%
88.9%	70.0	70.3	0.3	0.4%
90.1%	69.9	70.1	0.2	0.3%
91.4%	69.9	70.1	0.2	0.3%
92.6%	69.7	70.0	0.3	0.4%
93.8%	69.5	70.0	0.5	0.7%
95.1%	69.4	69.4	0.0	0.0%
96.3%	69.1	69.3	0.2	0.3%
97.5%	69.1	69.3	0.2	0.3%
98.8%	68.6	68.9	0.3	0.4%
100.0%	68.6	68.9	0.3	0.4%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.1	72.9	-0.2	-0.3%
1.2%	71.4	71.8	0.4	0.6%
2.5%	71.3	71.4	0.1	0.1%
3.7%	71.3	71.4	0.1	0.1%
4.9%	71.1	71.1	0.0	0.0%
6.2%	71.1	71.0	-0.1	-0.1%
7.4%	71.0	71.0	0.0	0.0%
8.6%	71.0	70.9	-0.1	-0.1%
9.9%	70.8	70.8	0.0	0.0%
11.1%	70.8	70.6	-0.2	-0.3%
12.3%	70.6	70.3	-0.3	-0.4%
13.6%	70.4	70.2	-0.2	-0.3%
14.8%	70.3	70.1	-0.2	-0.3%
16.0%	70.3	70.0	-0.3	-0.4%
17.3%	70.3	69.9	-0.4	-0.6%
18.5%	70.0	69.9	-0.1	-0.1%
19.8%	69.9	69.8	-0.1	-0.1%
21.0%	69.9	69.8	-0.1	-0.1%
22.2%	69.8	69.7	-0.1	-0.1%
23.5%	69.7	69.4	-0.3	-0.4%
24.7%	69.3	69.4	0.1	0.1%
25.9%	69.3	69.3	0.0	0.0%
27.2%	69.2	69.3	0.1	0.1%
28.4%	69.1	69.3	0.2	0.3%
29.6%	69.1	69.2	0.1	0.1%
30.9%	69.1	69.2	0.1	0.1%
32.1%	69.1	69.1	0.0	0.0%
33.3%	68.9	69.0	0.1	0.1%
34.6%	68.9	69.0	0.1	0.1%
35.8%	68.9	68.9	0.0	0.0%
37.0%	68.7	68.7	0.0	0.0%
38.3%	68.7	68.5	-0.2	-0.3%
39.5%	68.7	68.4	-0.3	-0.4%
40.7%	68.3	68.4	0.1	0.1%
42.0%	68.3	68.2	-0.1	-0.1%
43.2%	68.2	68.2	0.0	0.0%
44.4%	68.1	68.2	0.1	0.1%
45.7%	68.1	68.1	0.0	0.0%
46.9%	68.1	67.9	-0.2	-0.3%
48.1%	68.1	67.8	-0.3	-0.4%
49.4%	67.8	67.7	-0.1	-0.1%
50.6%	67.7	67.6	-0.1	-0.1%
51.9%	67.7	67.6	-0.1	-0.1%
53.1%	67.6	67.6	0.0	0.0%
54.3%	67.6	67.3	-0.3	-0.4%
55.6%	67.5	67.2	-0.3	-0.4%
56.8%	67.5	67.1	-0.4	-0.6%
58.0%	67.3	67.1	-0.2	-0.3%
59.3%	67.3	67.0	-0.3	-0.4%
60.5%	67.3	67.0	-0.3	-0.4%
61.7%	67.2	66.8	-0.4	-0.6%
63.0%	67.2	66.8	-0.4	-0.6%
64.2%	66.9	66.7	-0.2	-0.3%
65.4%	66.9	66.7	-0.2	-0.3%
66.7%	66.9	66.6	-0.3	-0.4%
67.9%	66.8	66.6	-0.2	-0.3%
69.1%	66.7	66.6	-0.1	-0.1%
70.4%	66.7	66.6	-0.1	-0.1%
71.6%	66.5	66.5	0.0	0.0%
72.8%	66.4	66.5	0.1	0.2%
74.1%	66.4	66.5	0.1	0.2%
75.3%	66.4	66.4	0.0	0.0%
76.5%	66.4	66.4	0.0	0.0%
77.8%	66.3	66.3	0.0	0.0%
79.0%	66.3	66.3	0.0	0.0%
80.2%	66.2	66.2	0.0	0.0%
81.5%	66.2	66.1	-0.1	-0.2%
82.7%	66.0	66.1	0.1	0.2%
84.0%	65.9	66.0	0.1	0.2%
85.2%	65.9	65.9	0.0	0.0%
86.4%	65.8	65.8	0.0	0.0%
87.7%	65.3	65.7	0.4	0.6%
88.9%	65.2	65.7	0.5	0.8%
90.1%	65.2	65.5	0.3	0.5%
91.4%	65.0	64.8	-0.2	-0.3%
92.6%	64.7	64.6	-0.1	-0.2%
93.8%	64.0	63.9	-0.1	-0.2%
95.1%	63.9	63.8	-0.1	-0.2%
96.3%	63.5	63.5	0.0	0.0%
97.5%	63.0	62.9	-0.1	-0.2%
98.8%	62.7	62.8	0.1	0.2%
100.0%	62.7	62.8	0.1	0.2%

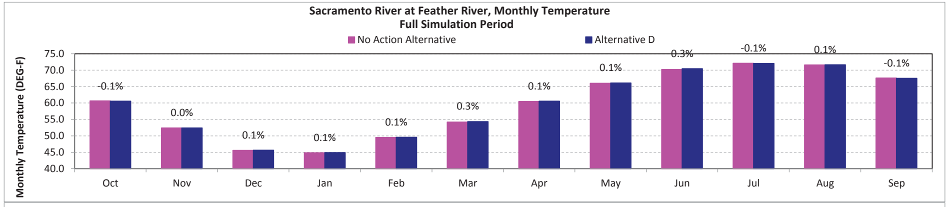
Table SQ-13-9a
Sacramento River at Feather River, Monthly Temperature
Long-term Average and Average by Water Year Type

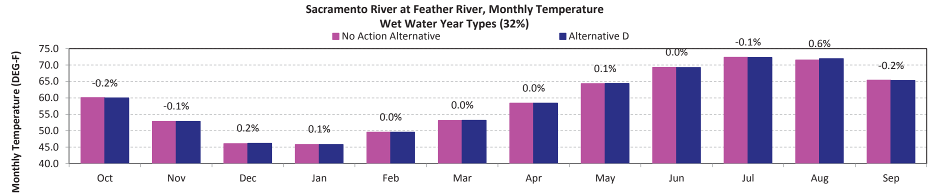
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	60.6	52.4	45.6	44.8	49.5	54.2	60.5	66.0	70.3	72.1	71.6	67.6
Alternative D	60.6	52.4	45.6	44.9	49.6	54.3	60.6	66.1	70.5	72.1	71.7	67.5
Difference	-0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.2	-0.1	0.1	-0.1
Percent Difference[3]	-0.1%	0.0%	0.1%	0.1%	0.1%	0.3%	0.1%	0.1%	0.3%	-0.1%	0.1%	-0.1%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	60.1	52.9	46.1	45.8	49.5	53.1	58.4	64.3	69.3	72.4	71.5	65.4
Alternative D	60.0	52.8	46.2	45.8	49.5	53.1	58.4	64.4	69.3	72.3	72.0	65.3
Difference	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.4	-0.1
Percent Difference	-0.2%	-0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.6%	-0.2%
Above Normal (15%)												
No Action Alternative	60.1	51.4	45.4	44.9	49.3	53.8	60.4	66.4	70.5	71.2	70.6	66.5
Alternative D	59.9	51.4	45.5	44.9	49.3	54.0	60.5	66.4	70.7	71.0	70.8	66.5
Difference	-0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.2	-0.3	0.2	0.0
Percent Difference	-0.3%	0.1%	0.0%	0.1%	0.1%	0.2%	0.1%	0.1%	0.3%	-0.4%	0.3%	0.0%
Below Normal (17%)												
No Action Alternative	60.5	52.3	45.6	44.2	48.9	54.3	61.0	66.4	70.5	72.2	71.6	69.2
Alternative D	60.4	52.4	45.6	44.2	48.9	54.6	61.1	66.4	70.8	71.9	71.8	69.2
Difference	-0.2	0.0	0.1	0.0	0.0	0.2	0.1	0.0	0.3	-0.3	0.2	0.0
Percent Difference	-0.3%	0.1%	0.1%	0.1%	0.1%	0.4%	0.1%	0.1%	0.5%	-0.4%	0.2%	-0.1%
Dry (22%)												
No Action Alternative	60.8	52.4	45.5	44.0	49.4	54.9	61.8	67.0	71.3	71.7	71.1	68.8
Alternative D	60.8	52.5	45.6	44.0	49.4	55.1	61.9	67.0	71.8	71.8	71.1	68.8
Difference	0.0	0.0	0.1	0.0	0.0	0.2	0.1	0.0	0.5	0.1	-0.1	0.0
Percent Difference	0.1%	0.1%	0.1%	0.1%	0.1%	0.4%	0.1%	0.0%	0.6%	0.2%	-0.1%	0.0%
Critical (15%)												
No Action Alternative	62.3	52.4	44.6	44.5	50.4	55.5	62.5	67.3	70.2	73.2	73.1	69.7
Alternative D	62.4	52.4	44.6	44.5	50.5	55.7	62.7	67.7	70.4	73.2	72.4	69.6
Difference	0.1	0.0	0.0	0.1	0.1	0.2	0.2	0.4	0.1	0.0	-0.6	-0.1
Percent Difference	0.1%	0.0%	0.1%	0.2%	0.3%	0.4%	0.3%	0.5%	0.2%	0.0%	-0.9%	-0.2%

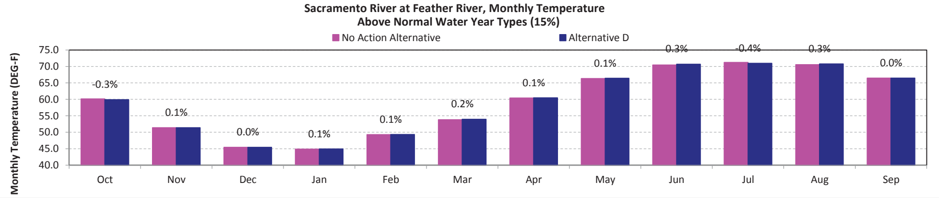
1 Based on the 82-year simulation period

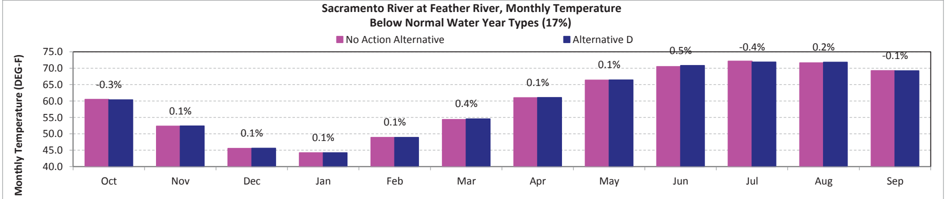
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

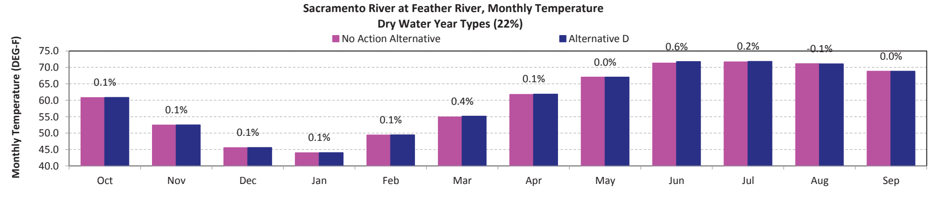
3 Relative difference of the monthly average


Sacramento River at Feather River, Monthly Temperature
Full Simulation Period


Sacramento River at Feather River, Monthly Temperature
Wet Water Year Types (32%)


Sacramento River at Feather River, Monthly Temperature
Above Normal Water Year Types (15%)


Sacramento River at Feather River, Monthly Temperature
Below Normal Water Year Types (17%)


Sacramento River at Feather River, Monthly Temperature
Dry Water Year Types (22%)

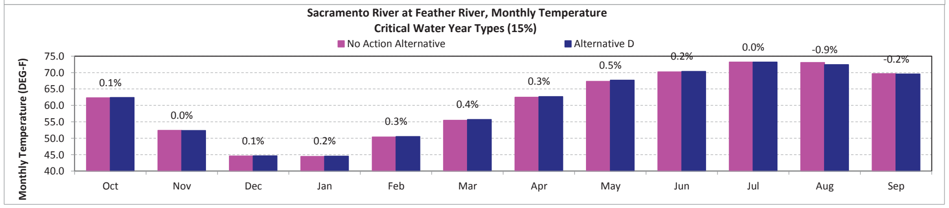

Sacramento River at Feather River, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-13-9b
Sacramento River at Feather River, Monthly Temperature
Probability of Exceedance

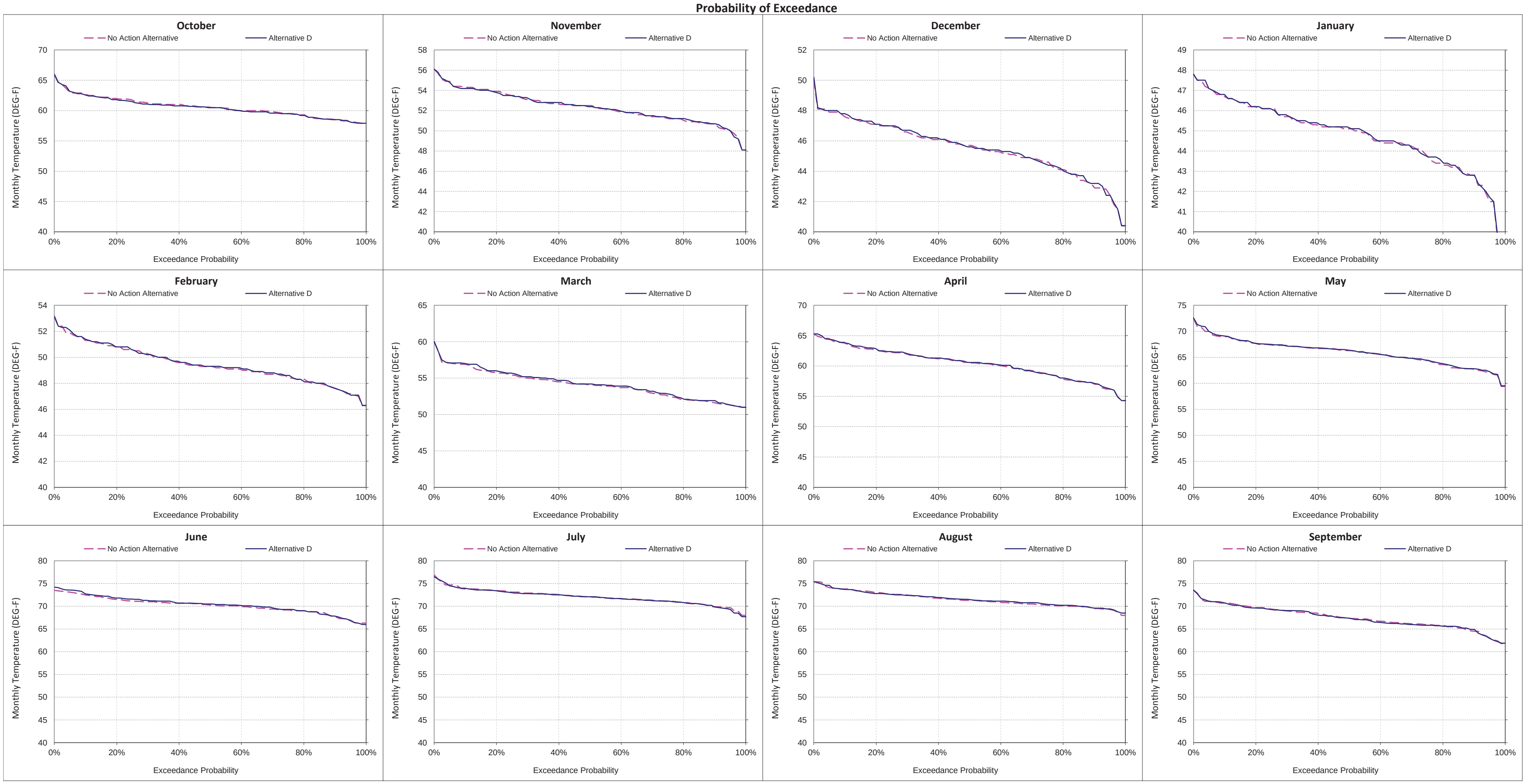


Table SQ-13-9b

Sacramento River at Feather River, Monthly Temperature

Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.9	66.0	0.1	0.2%
1.2%	64.6	64.7	0.1	0.2%
2.5%	64.3	64.3	0.0	0.0%
3.7%	63.7	64.1	0.4	0.6%
4.9%	63.0	63.2	0.2	0.3%
6.2%	62.9	63.0	0.1	0.2%
7.4%	62.9	62.8	-0.1	-0.2%
8.6%	62.9	62.8	-0.1	-0.2%
9.9%	62.7	62.6	-0.1	-0.2%
11.1%	62.5	62.4	-0.1	-0.2%
12.3%	62.5	62.4	-0.1	-0.2%
13.6%	62.3	62.3	0.0	0.0%
14.8%	62.2	62.2	0.0	0.0%
16.0%	62.2	62.1	-0.1	-0.2%
17.3%	62.2	62.1	-0.1	-0.2%
18.5%	62.0	61.8	-0.2	-0.3%
19.8%	62.0	61.8	-0.2	-0.3%
21.0%	61.9	61.7	-0.2	-0.3%
22.2%	61.9	61.7	-0.2	-0.3%
23.5%	61.9	61.6	-0.3	-0.5%
24.7%	61.8	61.5	-0.3	-0.5%
25.9%	61.5	61.3	-0.2	-0.3%
27.2%	61.4	61.2	-0.2	-0.3%
28.4%	61.4	61.1	-0.3	-0.5%
29.6%	61.3	61.1	-0.2	-0.3%
30.9%	61.1	61.0	-0.1	-0.2%
32.1%	61.1	61.0	-0.1	-0.2%
33.3%	61.1	61.0	-0.1	-0.2%
34.6%	61.1	60.9	-0.2	-0.3%
35.8%	61.0	60.9	-0.1	-0.2%
37.0%	61.0	60.9	-0.1	-0.2%
38.3%	61.0	60.8	-0.2	-0.3%
39.5%	61.0	60.8	-0.2	-0.3%
40.7%	61.0	60.8	-0.2	-0.3%
42.0%	60.8	60.8	0.0	0.0%
43.2%	60.8	60.7	-0.1	-0.2%
44.4%	60.8	60.7	-0.1	-0.2%
45.7%	60.7	60.6	-0.1	-0.2%
46.9%	60.6	60.6	0.0	0.0%
48.1%	60.6	60.6	0.0	0.0%
49.4%	60.6	60.5	-0.1	-0.2%
50.6%	60.5	60.5	0.0	0.0%
51.9%	60.5	60.5	0.0	0.0%
53.1%	60.5	60.5	0.0	0.0%
54.3%	60.4	60.4	0.0	0.0%
55.6%	60.4	60.2	-0.2	-0.3%
56.8%	60.2	60.2	0.0	0.0%
58.0%	60.1	60.0	-0.1	-0.2%
59.3%	60.0	60.0	0.0	0.0%
60.5%	60.0	59.9	-0.1	-0.2%
61.7%	60.0	59.9	-0.1	-0.2%
63.0%	60.0	59.8	-0.2	-0.3%
64.2%	60.0	59.8	-0.2	-0.3%
65.4%	60.0	59.8	-0.2	-0.3%
66.7%	60.0	59.8	-0.2	-0.3%
67.9%	59.9	59.8	-0.1	-0.2%
69.1%	59.9	59.6	-0.3	-0.5%
70.4%	59.8	59.6	-0.2	-0.3%
71.6%	59.7	59.6	-0.1	-0.2%
72.8%	59.6	59.5	-0.1	-0.2%
74.1%	59.5	59.5	0.0	0.0%
75.3%	59.5	59.5	0.0	0.0%
76.5%	59.5	59.4	-0.1	-0.2%
77.8%	59.3	59.4	0.1	0.2%
79.0%	59.3	59.2	-0.1	-0.2%
80.2%	59.3	59.2	-0.1	-0.2%
81.5%	58.9	58.9	0.0	0.0%
82.7%	58.8	58.9	0.1	0.2%
84.0%	58.7	58.8	0.1	0.2%
85.2%	58.7	58.7	0.0	0.0%
86.4%	58.6	58.6	0.0	0.0%
87.7%	58.6	58.6	0.0	0.0%
88.9%	58.6	58.5	-0.1	-0.2%
90.1%	58.5	58.5	0.0	0.0%
91.4%	58.4	58.5	0.1	0.2%
92.6%	58.3	58.4	0.1	0.2%
93.8%	58.3	58.4	0.1	0.2%
95.1%	58.1	58.1	0.0	0.0%
96.3%	58.1	58.0	-0.1	-0.2%
97.5%	58.0	57.9	-0.1	-0.2%
98.8%	57.9	57.9	0.0	0.0%
100.0%	57.9	57.9	0.0	0.0%

November				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.1	56.1	0.0	0.0%
1.2%	55.7	55.8	0.1	0.2%
2.5%	55.1	55.2	0.1	0.2%
3.7%	54.9	55.0	0.1	0.2%
4.9%	54.9	54.8	-0.1	-0.2%
6.2%	54.4	54.4	0.0	0.0%
7.4%	54.4	54.3	-0.1	-0.2%
8.6%	54.4	54.2	-0.2	-0.4%
9.9%	54.3	54.2	-0.1	-0.2%
11.1%	54.3	54.2	-0.1	-0.2%
12.3%	54.3	54.2	-0.1	-0.2%
13.6%	54.1	54.1	0.0	0.0%
14.8%	54.1	54.0	-0.1	-0.2%
16.0%	54.1	54.0	-0.1	-0.2%
17.3%	54.1	54.0	-0.1	-0.2%
18.5%	53.9	53.9	0.0	0.0%
19.8%	53.9	53.8	-0.1	-0.2%
21.0%	53.9	53.7	-0.2	-0.4%
22.2%	53.7	53.5	-0.2	-0.4%
23.5%	53.6	53.5	-0.1	-0.2%
24.7%	53.5	53.5	0.0	0.0%
25.9%	53.5	53.4	-0.1	-0.2%
27.2%	53.4	53.4	0.0	0.0%
28.4%	53.2	53.3	0.1	0.2%
29.6%	53.1	53.3	0.2	0.4%
30.9%	53.1	53.1	0.0	0.0%
32.1%	53.0	52.9	-0.1	-0.2%
33.3%	53.0	52.8	-0.2	-0.4%
34.6%	52.9	52.8	-0.1	-0.2%
35.8%	52.8	52.8	0.0	0.0%
37.0%	52.7	52.8	0.1	0.2%
38.3%	52.7	52.8	0.1	0.2%
39.5%	52.7	52.8	0.1	0.2%
40.7%	52.6	52.8	0.2	0.4%
42.0%	52.6	52.6	0.0	0.0%
43.2%	52.6	52.6	0.0	0.0%
44.4%	52.5	52.6	0.1	0.2%
45.7%	52.5	52.5	0.0	0.0%
46.9%	52.5	52.5	0.0	0.0%
48.1%	52.5	52.5	0.0	0.0%
49.4%	52.5	52.4	-0.1	-0.2%
50.6%	52.5	52.4	-0.1	-0.2%
51.9%	52.3	52.3	0.0	0.0%
53.1%	52.2	52.3	0.1	0.2%
54.3%	52.2	52.2	0.0	0.0%
55.6%	52.1	52.2	0.1	0.2%
56.8%	52.1	52.1	0.0	0.0%
58.0%	52.0	52.1	0.1	0.2%
59.3%	51.9	52.0	0.1	0.2%
60.5%	51.9	51.9	0.0	0.0%
61.7%	51.8	51.8	0.0	0.0%
63.0%	51.8	51.8	0.0	0.0%
64.2%	51.7	51.8	0.1	0.2%
65.4%	51.6	51.8	0.2	0.4%
66.7%	51.6	51.7	0.1	0.2%
67.9%	51.5	51.5	0.0	0.0%
69.1%	51.4	51.5	0.1	0.2%
70.4%	51.4	51.5	0.1	0.2%
71.6%	51.4	51.4	0.0	0.0%
72.8%	51.4	51.4	0.0	0.0%
74.1%	51.3	51.4	0.1	0.2%
75.3%	51.2	51.3	0.1	0.2%
76.5%	51.2	51.2	0.0	0.0%
77.8%	51.2	51.2	0.0	0.0%
79.0%	51.2	51.2	0.0	0.0%
80.2%	51.0	51.2	0.2	0.4%
81.5%	50.9	51.1	0.2	0.4%
82.7%	50.9	51.0	0.1	0.2%
84.0%	50.9	50.9	0.0	0.0%
85.2%	50.8	50.9	0.1	0.2%
86.4%	50.8	50.8	0.0	0.0%
87.7%	50.7	50.8	0.1	0.2%
88.9%	50.7	50.7	0.0	0.0%
90.1%	50.7	50.7	0.0	0.0%
91.4%	50.3	50.6	0.3	0.6%
92.6%	50.2	50.3	0.1	0.2%
93.8%	50.1	50.2	0.1	0.2%
95.1%	50.0	50.0	0.0	0.0%
96.3%	49.7	49.4	-0.3	-0.6%
97.5%	49.3	49.2	-0.1	-0.2%
98.8%	48.1	48.1	0.0	0.0%
100.0%	48.1	48.1	0.0	0.0%

December				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.0	50.2	0.2	0.4%
1.2%	48.1	48.2	0.1	0.2%
2.5%	48.1	48.1	0.0	0.0%
3.7%	48.1	48.0	-0.1	-0.2%
4.9%	47.9	48.0	0.1	0.2%
6.2%	47.9	48.0	0.1	0.2%
7.4%	47.9	48.0	0.1	0.2%
8.6%	47.8	47.8	0.0	0.0%
9.9%	47.6	47.8	0.2	0.4%
11.1%	47.5	47.7	0.2	0.4%
12.3%	47.5	47.5	0.0	0.0%
13.6%	47.4	47.4	0.0	0.0%
14.8%	47.3	47.4	0.1	0.2%
16.0%	47.3	47.3	0.0	0.0%
17.3%	47.2	47.3	0.1	0.2%
18.5%	47.1	47.3	0.2	0.4%
19.8%	47.1	47.1	0.0	0.0%
21.0%	47.0	47.1	0.1	0.2%
22.2%	47.0	47.0	0.0	0.0%
23.5%	47.0	47.0	0.0	0.0%
24.7%	47.0	47.0	0.0	0.0%
25.9%	46.9	47.0	0.1	0.2%
27.2%	46.9	46.9	0.0	0.0%
28.4%	46.6	46.7	0.1	0.2%
29.6%	46.6	46.7	0.1	0.2%
30.9%	46.5	46.7	0.2	0.4%
32.1%	46.4	46.6	0.2	0.4%
33.3%	46.3	46.5	0.2	0.4%
34.6%	46.2	46.3	0.1	0.2%
35.8%	46.2	46.3	0.1	0.2%
37.0%	46.2	46.2	0.0	0.0%
38.3%	46.1	46.2	0.1	0.2%
39.5%	46.1	46.2	0.1	0.2%
40.7%	46.1	46.1	0.0	0.0%
42.0%	46.1	46.1	0.0	0.0%
43.2%	45.9	46.0	0.1	0.2%
44.4%	45.9	45.9	0.0	0.0%
45.7%	45.8	45.9	0.1	0.2%
46.9%	45.8	45.8	0.0	0.0%
48.1%	45.7	45.7	0.0	0.0%
49.4%	45.7	45.6	-0.1	-0.2%
50.6%	45.7	45.6	-0.1	-0.2%
51.9%	45.6	45.5	-0.1	-0.2%
53.1%	45.5	45.5	0.0	0.0%
54.3%	45.4	45.5	0.1	0.2%
55.6%	45.4	45.4	0.0	0.0%
56.8%	45.3	45.4	0.1	0.2%
58.0%	45.3	45.4	0.1	0.2%
59.3%	45.3	45.4	0.1	0.2%
60.5%	45.2	45.3	0.1	0.2%
61.7%	45.2	45.3	0.1	0.2%
63.0%	45.1	45.3	0.2	0.4%
64.2%	45.1	45.2	0.1	0.2%
65.4%	45.0	45.2	0.2	0.4%
66.7%	44.9	45.1	0.2	0.4%
67.9%	44.9	44.9	0.0	0.0%
69.1%	44.9	44.9	0.0	0.0%
70.4%	44.8	44.8	0.0	0.0%
71.6%	44.8	44.7	-0.1	-0.2%
72.8%	44.7	44.6	-0.1	-0.2%
74.1%	44.6	44.5	-0.1	-0.2%
75.3%	44.6	44.4	-0.2	-0.4%
76.5%	44.3	44.4	0.1	0.2%
77.8%	44.2	44.3	0.1	0.2%
79.0%	44.1	44.2	0.1	0.2%
80.2%	44.1	44.0	-0.1	-0.2%
81.5%	44.0	43.9	-0.1	-0.2%
82.7%	43.8	43.8	0.0	0.0%
84.0%	43.8	43.8	0.0	0.0%
85.2%	43.4	43.7	0.3	0.7%
86.4%	43.4	43.7	0.3	0.7%
87.7%	43.3	43.3	0.0	0.0%
88.9%	43.2	43.2	0.0	0.0%
90.1%	42.9	43.2	0.3	0.7%
91.4%	42.9	43.2	0.3	0.7%
92.6%	42.9	43.0	0.1	0.2%
93.8%	42.8	42.4	-0.4	-0.9%
95.1%	42.4	42.4	0.0	0.0%
96.3%	41.8	41.9	0.1	0.2%
97.5%	41.5	41.5	0.0	0.0%
98.8%	40.4	40.4	0.0	0.0%
100.0%	40.4	40.4	0.0	0.0%

January				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.8	47.8	0.0	0.0%
1.2%	47.5	47.5	0.0	0.0%
2.5%	47.5	47.5	0.0	0.0%
3.7%	47.2	47.5	0.3	0.6%
4.9%	47.1	47.1	0.0	0.0%
6.2%	47.0	47.0	0.0	0.0%
7.4%	46.8	46.9	0.1	0.2%
8.6%	46.8	46.8	0.0	0.0%
9.9%	46.7	46.8	0.1	0.2%
11.1%	46.6	46.6	0.0	0.0%
12.3%	46.6	46.6	0.0	0.0%
13.6%	46.5	46.5	0.0	0.0%
14.8%	46.4	46.4	0.0	0.0%
16.0%	46.4	46.4	0.0	0.0%
17.3%	46.2	46.4	0.2	0.4%
18.5%	46.2	46.2	0.0	0.0%
19.8%	46.2	46.2	0.0	0.0%
21.0%	46.1	46.2	0.1	0.2%
22.2%	46.1	46.1	0.0	0.0%
23.5%	46.1	46.1	0.0	0.0%
24.7%	46.1	46.1	0.0	0.0%
25.9%	46.1	46.0	-0.1	-0.2%
27.2%	45.8	45.8	0.0	0.0%
28.4%	45.7	45.8	0.1	0.2%
29.6%	45.7	45.8	0.1	0.2%
30.9%	45.7	45.7	0.0	0.0%
32.1%	45.5	45.6	0.1	0.2%
33.3%	45.5	45.5	0.0	0.0%
34.6%	45.4	45.5	0.1	0.2%
35.8%	45.4	45.5	0.1	0.2%
37.0%	45.4	45.4	0.0	0.0%
38.3%	45.3	45.4	0.1	0.2%
39.5%	45.3	45.4	0.1	0.2%
40.7%	45.2	45.3	0.1	0.2%
42.0%	45.2	45.3	0.1	0.2%
43.2%	45.2	45.2	0.0	0.0%
44.4%	45.2	45.2	0.0	0.0%
45.7%	45.2	45.2	0.0	0.0%
46.9%	45.2	45.2	0.0	0.0%
48.1%	45.1	45.2	0.1	0.2%
49.4%	45.1	45.2	0.1	0.2%
50.6%	45.1	45.1	0.0	0.0%
51.9%	45.0	45.1	0.1	0.2%
53.1%	45.0	45.1	0.1	0.2%
54.3%	44.9	45.0	0.1	0.2%
55.6%	44.9	44.9	0.0	0.0%
56.8%	44.7	44.8	0.1	0.2%
58.0%	44.5	44.6	0.1	0.2%
59.3%	44.5	44.5	0.0	0.0%
60.5%	44.4	44.5	0.1	0.2%
61.7%	44.4	44.5	0.1	0.2%
63.0%	44.4	44.5	0.1	0.2%
64.2%	44.4	44.5	0.1	0.2%
65.4%	44.4	44.4	0.0	0.0%
66.7%	44.4	44.3	-0.1	-0.2%
67.9%	44.3	44.3	0.0	0.0%
69.1%	44.3	44.3	0.0	0.0%
70.4%	44.2	44.1	-0.1	-0.2%
71.6%	44.1	44.1	0.0	0.0%
72.8%	44.1	43.9	-0.2	-0.5%
74.1%	43.9	43.8	-0.1	-0.2%
75.3%	43.7	43.7	0.0	0.0%
76.5%	43.5	43.7	0.2	0.5%
77.8%	43.4	43.7	0.3	0.7%
79.0%	43.4	43.6	0.2	0.5%
80.2%	43.3	43.4	0.1	0.2%
81.5%	43.3	43.4	0.1	0.2%
82.7%	43.2	43.3	0.1	0.2%
84.0%	43.2	43.3	0.1	0.2%
85.2%	43.2	43.1	-0.1	-0.2%
86.4%	42.9	42.9	0.0	0.0%
87.7%	42.9	42.8	-0.1	-0.2%
88.9%	42.8	42.8	0.0	0.0%
90.1%	42.8	42.8	0.0	0.0%
91.4%	42.3	42.4	0.1	0.2%
92.6%	42.3	42.2	-0.1	-0.2%
93.8%	41.9	42.0	0.1	0.2%
95.1%	41.5	41.7	0.2	0.5%
96.3%	41.5	41.5	0.0	0.0%
97.5%	39.7	39.8	0.1	0.3%
98.8%	39.0	39.0	0.0	0.0%
100.0%	39.0	39.0	0.0	0.0%

Table SQ-13-9b

Sacramento River at Feather River, Monthly Temperature
Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	53.2	53.1	-0.1	-0.2%
1.2%	52.4	52.4	0.0	0.0%
2.5%	52.4	52.3	-0.1	-0.2%
3.7%	51.9	52.3	0.4	0.8%
4.9%	51.9	52.1	0.2	0.4%
6.2%	51.7	51.8	0.1	0.2%
7.4%	51.6	51.6	0.0	0.0%
8.6%	51.6	51.6	0.0	0.0%
9.9%	51.3	51.4	0.1	0.2%
11.1%	51.3	51.3	0.0	0.0%
12.3%	51.2	51.2	0.0	0.0%
13.6%	51.1	51.2	0.1	0.2%
14.8%	51.1	51.1	0.0	0.0%
16.0%	51.0	51.1	0.1	0.2%
17.3%	50.9	51.1	0.2	0.4%
18.5%	50.9	51.0	0.1	0.2%
19.8%	50.8	50.8	0.0	0.0%
21.0%	50.8	50.8	0.0	0.0%
22.2%	50.6	50.8	0.2	0.4%
23.5%	50.6	50.8	0.2	0.4%
24.7%	50.6	50.6	0.0	0.0%
25.9%	50.5	50.5	0.0	0.0%
27.2%	50.5	50.3	-0.2	-0.4%
28.4%	50.3	50.3	0.0	0.0%
29.6%	50.3	50.2	-0.1	-0.2%
30.9%	50.2	50.2	0.0	0.0%
32.1%	50.0	50.1	0.1	0.2%
33.3%	50.0	50.0	0.0	0.0%
34.6%	50.0	50.0	0.0	0.0%
35.8%	49.9	50.0	0.1	0.2%
37.0%	49.8	49.8	0.0	0.0%
38.3%	49.7	49.7	0.0	0.0%
39.5%	49.6	49.7	0.1	0.2%
40.7%	49.6	49.6	0.0	0.0%
42.0%	49.5	49.6	0.1	0.2%
43.2%	49.4	49.5	0.1	0.2%
44.4%	49.4	49.4	0.0	0.0%
45.7%	49.4	49.4	0.0	0.0%
46.9%	49.3	49.4	0.1	0.2%
48.1%	49.3	49.3	0.0	0.0%
49.4%	49.3	49.3	0.0	0.0%
50.6%	49.3	49.3	0.0	0.0%
51.9%	49.2	49.3	0.1	0.2%
53.1%	49.2	49.3	0.1	0.2%
54.3%	49.2	49.2	0.0	0.0%
55.6%	49.1	49.2	0.1	0.2%
56.8%	49.1	49.2	0.1	0.2%
58.0%	49.1	49.2	0.1	0.2%
59.3%	49.1	49.2	0.1	0.2%
60.5%	49.0	49.1	0.1	0.2%
61.7%	49.0	49.1	0.1	0.2%
63.0%	48.9	49.0	0.1	0.2%
64.2%	48.9	48.9	0.0	0.0%
65.4%	48.9	48.9	0.0	0.0%
66.7%	48.8	48.9	0.1	0.2%
67.9%	48.7	48.8	0.1	0.2%
69.1%	48.7	48.8	0.1	0.2%
70.4%	48.7	48.8	0.1	0.2%
71.6%	48.7	48.7	0.0	0.0%
72.8%	48.6	48.7	0.1	0.2%
74.1%	48.6	48.6	0.0	0.0%
75.3%	48.4	48.6	0.2	0.4%
76.5%	48.4	48.4	0.0	0.0%
77.8%	48.3	48.3	0.0	0.0%
79.0%	48.3	48.3	0.0	0.0%
80.2%	48.3	48.1	-0.2	-0.4%
81.5%	48.1	48.1	0.0	0.0%
82.7%	48.0	48.1	0.1	0.2%
84.0%	48.0	48.0	0.0	0.0%
85.2%	48.0	48.0	0.0	0.0%
86.4%	47.9	48.0	0.1	0.2%
87.7%	47.8	47.8	0.0	0.0%
88.9%	47.7	47.7	0.0	0.0%
90.1%	47.6	47.6	0.0	0.0%
91.4%	47.5	47.5	0.0	0.0%
92.6%	47.4	47.4	0.0	0.0%
93.8%	47.2	47.3	0.1	0.2%
95.1%	47.2	47.1	-0.1	-0.2%
96.3%	47.1	47.1	0.0	0.0%
97.5%	47.0	47.1	0.1	0.2%
98.8%	46.3	46.3	0.0	0.0%
100.0%	46.3	46.3	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	60.0	60.0	0.0	0.0%
1.2%	58.8	58.8	0.0	0.0%
2.5%	57.2	57.5	0.3	0.5%
3.7%	57.1	57.2	0.1	0.2%
4.9%	57.1	57.1	0.0	0.0%
6.2%	57.0	57.1	0.1	0.2%
7.4%	57.0	57.1	0.1	0.2%
8.6%	56.9	57.1	0.2	0.4%
9.9%	56.9	57.0	0.1	0.2%
11.1%	56.8	56.9	0.1	0.2%
12.3%	56.5	56.9	0.4	0.7%
13.6%	56.2	56.9	0.7	1.2%
14.8%	56.1	56.5	0.4	0.7%
16.0%	56.0	56.3	0.3	0.5%
17.3%	56.0	56.0	0.0	0.0%
18.5%	55.8	56.0	0.2	0.4%
19.8%	55.8	56.0	0.2	0.4%
21.0%	55.7	55.9	0.2	0.4%
22.2%	55.7	55.8	0.1	0.2%
23.5%	55.6	55.7	0.1	0.2%
24.7%	55.4	55.7	0.3	0.5%
25.9%	55.4	55.6	0.2	0.4%
27.2%	55.2	55.4	0.2	0.4%
28.4%	55.1	55.2	0.1	0.2%
29.6%	55.0	55.2	0.2	0.4%
30.9%	55.0	55.2	0.2	0.4%
32.1%	54.9	55.1	0.2	0.4%
33.3%	54.9	55.1	0.2	0.4%
34.6%	54.8	55.0	0.2	0.4%
35.8%	54.8	55.0	0.2	0.4%
37.0%	54.7	54.9	0.2	0.4%
38.3%	54.6	54.9	0.3	0.5%
39.5%	54.5	54.7	0.2	0.4%
40.7%	54.5	54.7	0.2	0.4%
42.0%	54.4	54.7	0.3	0.6%
43.2%	54.3	54.6	0.3	0.6%
44.4%	54.2	54.3	0.1	0.2%
45.7%	54.2	54.2	0.0	0.0%
46.9%	54.2	54.2	0.0	0.0%
48.1%	54.2	54.2	0.0	0.0%
49.4%	54.1	54.2	0.1	0.2%
50.6%	54.1	54.2	0.1	0.2%
51.9%	54.0	54.1	0.1	0.2%
53.1%	54.0	54.1	0.1	0.2%
54.3%	53.9	54.1	0.2	0.4%
55.6%	53.9	54.0	0.1	0.2%
56.8%	53.9	54.0	0.1	0.2%
58.0%	53.8	53.9	0.1	0.2%
59.3%	53.7	53.9	0.2	0.4%
60.5%	53.7	53.9	0.2	0.4%
61.7%	53.7	53.9	0.2	0.4%
63.0%	53.7	53.8	0.1	0.2%
64.2%	53.5	53.5	0.0	0.0%
65.4%	53.4	53.4	0.0	0.0%
66.7%	53.4	53.4	0.0	0.0%
67.9%	53.2	53.4	0.2	0.4%
69.1%	53.0	53.2	0.2	0.4%
70.4%	52.9	53.2	0.3	0.6%
71.6%	52.9	53.0	0.1	0.2%
72.8%	52.7	52.9	0.2	0.4%
74.1%	52.7	52.9	0.2	0.4%
75.3%	52.5	52.8	0.3	0.6%
76.5%	52.4	52.7	0.3	0.6%
77.8%	52.3	52.4	0.1	0.2%
79.0%	52.1	52.3	0.2	0.4%
80.2%	52.1	52.1	0.0	0.0%
81.5%	52.0	52.1	0.1	0.2%
82.7%	52.0	52.0	0.0	0.0%
84.0%	51.9	52.0	0.1	0.2%
85.2%	51.9	51.9	0.0	0.0%
86.4%	51.9	51.9	0.0	0.0%
87.7%	51.8	51.9	0.1	0.2%
88.9%	51.7	51.9	0.2	0.4%
90.1%	51.6	51.9	0.3	0.6%
91.4%	51.5	51.6	0.1	0.2%
92.6%	51.4	51.6	0.2	0.4%
93.8%	51.4	51.4	0.0	0.0%
95.1%	51.3	51.3	0.0	0.0%
96.3%	51.2	51.2	0.0	0.0%
97.5%	51.2	51.1	-0.1	-0.2%
98.8%	51.0	51.0	0.0	0.0%
100.0%	51.0	51.0	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	65.3	65.3	0.0	0.0%
1.2%	64.9	65.3	0.4	0.6%
2.5%	64.7	65.0	0.3	0.5%
3.7%	64.6	64.5	-0.1	-0.2%
4.9%	64.5	64.4	-0.1	-0.2%
6.2%	64.1	64.3	0.2	0.3%
7.4%	63.9	64.1	0.2	0.3%
8.6%	63.9	63.9	0.0	0.0%
9.9%	63.9	63.8	-0.1	-0.2%
11.1%	63.4	63.7	0.3	0.5%
12.3%	63.2	63.4	0.2	0.3%
13.6%	63.1	63.3	0.2	0.3%
14.8%	62.9	63.3	0.4	0.6%
16.0%	62.9	63.1	0.2	0.3%
17.3%	62.8	63.0	0.2	0.3%
18.5%	62.8	63.0	0.2	0.3%
19.8%	62.6	62.9	0.3	0.5%
21.0%	62.5	62.5	0.0	0.0%
22.2%	62.4	62.5	0.1	0.2%
23.5%	62.3	62.4	0.1	0.2%
24.7%	62.3	62.4	0.1	0.2%
25.9%	62.2	62.3	0.1	0.2%
27.2%	62.2	62.3	0.1	0.2%
28.4%	62.2	62.3	0.1	0.2%
29.6%	62.0	62.1	0.1	0.2%
30.9%	61.8	61.9	0.1	0.2%
32.1%	61.8	61.8	0.0	0.0%
33.3%	61.6	61.7	0.1	0.2%
34.6%	61.6	61.6	0.0	0.0%
35.8%	61.4	61.4	0.0	0.0%
37.0%	61.4	61.3	-0.1	-0.2%
38.3%	61.3	61.3	0.0	0.0%
39.5%	61.2	61.3	0.1	0.2%
40.7%	61.2	61.3	0.1	0.2%
42.0%	61.2	61.2	0.0	0.0%
43.2%	61.1	61.2	0.1	0.2%
44.4%	60.9	61.0	0.1	0.2%
45.7%	60.9	60.9	0.0	0.0%
46.9%	60.9	60.9	0.0	0.0%
48.1%	60.6	60.8	0.2	0.3%
49.4%	60.6	60.6	0.0	0.0%
50.6%	60.5	60.6	0.1	0.2%
51.9%	60.5	60.6	0.1	0.2%
53.1%	60.4	60.6	0.2	0.3%
54.3%	60.4	60.4	0.0	0.0%
55.6%	60.4	60.4	0.0	0.0%
56.8%	60.3	60.4	0.1	0.2%
58.0%	60.1	60.3	0.2	0.3%
59.3%	60.1	60.2	0.1	0.2%
60.5%	60.0	60.1	0.1	0.2%
61.7%	59.9	60.1	0.2	0.3%
63.0%	59.8	60.1	0.3	0.5%
64.2%	59.6	59.6	0.0	0.0%
65.4%	59.6	59.6	0.0	0.0%
66.7%	59.4	59.5	0.1	0.2%
67.9%	59.3	59.2	-0.1	-0.2%
69.1%	59.3	59.2	-0.1	-0.2%
70.4%	59.2	59.1	-0.1	-0.2%
71.6%	59.0	58.9	-0.1	-0.2%
72.8%	58.9	58.8	-0.1	-0.2%
74.1%	58.8	58.8	0.0	0.0%
75.3%	58.6	58.6	0.0	0.0%
76.5%	58.5	58.5	0.0	0.0%
77.8%	58.4	58.4	0.0	0.0%
79.0%	58.0	58.0	0.0	0.0%
80.2%	57.8	58.0	0.2	0.3%
81.5%	57.7	57.9	0.2	0.3%
82.7%	57.7	57.7	0.0	0.0%
84.0%	57.5	57.5	0.0	0.0%
85.2%	57.4	57.5	0.1	0.2%
86.4%	57.4	57.4	0.0	0.0%
87.7%	57.4	57.3	-0.1	-0.2%
88.9%	57.3	57.3	0.0	0.0%
90.1%	57.0	57.1	0.1	0.2%
91.4%	57.0	57.0	0.0	0.0%
92.6%	56.4	56.6	0.2	0.4%
93.8%	56.2	56.4	0.2	0.4%
95.1%	56.2	56.2	0.0	0.0%
96.3%	56.0	56.0	0.0	0.0%
97.5%	54.9	54.9	0.0	0.0%
98.8%	54.3	54.3	0.0	0.0%
100.0%	54.3	54.3	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	72.5	72.6	0.1	0.1%
1.2%	70.9	71.3	0.4	0.6%
2.5%	70.8	71.0	0.2	0.3%
3.7%	70.0	70.9	0.9	1.3%
4.9%	70.0	70.0	0.0	0.0%
6.2%	69.3	69.6	0.3	0.4%
7.4%	69.1	69.3	0.2	0.3%
8.6%	69.0	69.2	0.2	0.3%
9.9%	69.0	69.1	0.1	0.1%
11.1%	69.0	69.0	0.0	0.0%
12.3%	68.6	68.7	0.1	0.1%
13.6%	68.6	68.5	-0.1	-0.1%
14.8%	68.3	68.2	-0.1	-0.1%
16.0%	68.2	68.2	0.0	0.0%
17.3%	68.0	68.2	0.2	0.3%
18.5%	67.8	67.9	0.1	0.1%
19.8%	67.7	67.7	0.0	0.0%
21.0%	67.5	67.6	0.1	0.1%
22.2%	67.5	67.6	0.1	0.1%
23.5%	67.5	67.5	0.0	0.0%
24.7%	67.4	67.5	0.1	0.1%
25.9%	67.3	67.4	0.1	0.1%
27.2%	67.3	67.4	0.1	0.1%
28.4%	67.3	67.4	0.1	0.1%
29.6%	67.3	67.2	-0.1	-0.1%
30.9%	67.2	67.1	-0.1	-0.1%
32.1%	67.1	67.1	0.0	0.0%
33.3%	67.1	67.1	0.0	0.0%
34.6%	67.0	67.0	0.0	0.0%
35.8%	66.9	66.9	0.0	0.0%
37.0%	66.8	66.9	0.1	0.1%
38.3%	66.8	66.8	0.0	0.0%
39.5%	66.7	66.8	0.1	0.1%
40.7%	66.7	66.8	0.1	0.1%
42.0%	66.7	66.7	0.0	0.0%
43.2%	66.7	66.7	0.0	0.0%
44.4%	66.7	66.6	-0.1	-0.1%
45.7%	66.6	66.5	-0.1	-0.2%
46.9%	66.4	66.5	0.1	0.2%
48.1%	66.4	66.5	0.1	0.2%
49.4%	66.3	66.4	0.1	0.2%
50.6%	66.3	66.3	0.0	0.0%
51.9%	66.2	66.2	0.0	0.0%
53.1%	66.1	66.0	-0.1	-0.2%
54.3%	66.1	66.0	-0.1	-0.2%
55.6%	65.8	65.9	0.1	0.2%
56.8%	65.7	65.8	0.1	0.2%
58.0%	65.7	65.7	0.0	0.0%
59.3%	65.6	65.7	0.1	0.2%
60.5%	65.5	65.5	0.0	0.0%
61.7%	65.5	65.4	-0.1	-0.2%
63.0%	65.2	65.3	0.1	0.2%
64.2%	65.1	65.1	0.0	0.0%
65.4%	65.0	65.0	0.0	0.0%
66.7%	65.0	65.0	0.0	0.0%
67.9%	65.0	64.9	-0.1	-0.2%
69.1%	64.9	64.8	-0.1	-0.2%
70.4%	64.8	64.8	0.0	0.0%
71.6%	64.6	64.7	0.1	0.2%
72.8%	64.5	64.7	0.2	0.3%
74.1%	64.4	64.5	0.1	0.2%
75.3%	64.4	64.4	0.0	0.0%
76.5%	64.1	64.2	0.1	0.2%
77.8%	63.9	64.0	0.1	0.2%
79.0%	63.6	63.9	0.3	0.5%
80.2%	63.6	63.7	0.1	0.2%
81.5%	63.5	63.6	0.1	0.2%
82.7%	63.0	63.4	0.4	0.6%
84.0%	63.0	63.2	0.2	0.3%
85.2%	62.9	63.0	0.1	0.2%
86.4%	62.8	62.9	0.1	0.2%
87.7%	62.8	62.8	0.0	0.0%
88.9%	62.8	62.8	0.0	0.0%
90.1%	62.7	62.8	0.1	0.2%
91.4%	62.5	62.7	0.2	0.3%
92.6%	62.4	62.5	0.1	0.2%
93.8%	62.2	62.5	0.3	0.5%
95.1%	62.1	62.2	0.1	0.2%
96.3%	61.7	61.8	0.1	0.2%
97.5%	61.6	61.7	0.1	0.2%
98.8%	59.4	59.5	0.1	0.2%
100.0%	59.4	59.5	0.1	0.2%

Table SQ-13-9b

Sacramento River at Feather River, Monthly Temperature
Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.5	74.2	0.7	1.0%
1.2%	73.4	74.1	0.7	1.0%
2.5%	73.3	73.8	0.5	0.7%
3.7%	73.2	73.6	0.4	0.5%
4.9%	73.1	73.6	0.5	0.7%
6.2%	73.0	73.5	0.5	0.7%
7.4%	72.8	73.4	0.6	0.8%
8.6%	72.7	73.3	0.6	0.8%
9.9%	72.5	72.7	0.2	0.3%
11.1%	72.4	72.6	0.2	0.3%
12.3%	72.3	72.5	0.2	0.3%
13.6%	72.1	72.4	0.3	0.4%
14.8%	72.1	72.3	0.2	0.3%
16.0%	71.8	72.2	0.4	0.6%
17.3%	71.8	72.2	0.4	0.6%
18.5%	71.6	71.9	0.3	0.4%
19.8%	71.5	71.8	0.3	0.4%
21.0%	71.5	71.8	0.3	0.4%
22.2%	71.3	71.7	0.4	0.6%
23.5%	71.2	71.6	0.4	0.6%
24.7%	71.2	71.6	0.4	0.6%
25.9%	71.1	71.5	0.4	0.6%
27.2%	71.1	71.5	0.4	0.6%
28.4%	71.0	71.3	0.3	0.4%
29.6%	71.0	71.3	0.3	0.4%
30.9%	71.0	71.2	0.2	0.3%
32.1%	71.0	71.2	0.2	0.3%
33.3%	70.8	71.1	0.3	0.4%
34.6%	70.8	71.1	0.3	0.4%
35.8%	70.8	71.1	0.3	0.4%
37.0%	70.7	71.1	0.4	0.6%
38.3%	70.7	70.9	0.2	0.3%
39.5%	70.7	70.7	0.0	0.0%
40.7%	70.7	70.7	0.0	0.0%
42.0%	70.7	70.7	0.0	0.0%
43.2%	70.7	70.7	0.0	0.0%
44.4%	70.6	70.7	0.1	0.1%
45.7%	70.6	70.6	0.0	0.0%
46.9%	70.4	70.6	0.2	0.3%
48.1%	70.4	70.5	0.1	0.1%
49.4%	70.3	70.5	0.2	0.3%
50.6%	70.2	70.5	0.3	0.4%
51.9%	70.2	70.4	0.2	0.3%
53.1%	70.1	70.4	0.3	0.4%
54.3%	70.1	70.4	0.3	0.4%
55.6%	70.1	70.3	0.2	0.3%
56.8%	70.1	70.3	0.2	0.3%
58.0%	70.1	70.3	0.2	0.3%
59.3%	70.0	70.2	0.2	0.3%
60.5%	69.9	70.1	0.2	0.3%
61.7%	69.9	70.1	0.2	0.3%
63.0%	69.8	70.1	0.3	0.4%
64.2%	69.8	70.0	0.2	0.3%
65.4%	69.6	70.0	0.4	0.6%
66.7%	69.6	69.9	0.3	0.4%
67.9%	69.5	69.8	0.3	0.4%
69.1%	69.4	69.8	0.4	0.6%
70.4%	69.4	69.6	0.2	0.3%
71.6%	69.3	69.4	0.1	0.1%
72.8%	69.2	69.3	0.1	0.1%
74.1%	69.2	69.3	0.1	0.1%
75.3%	69.2	69.3	0.1	0.1%
76.5%	69.0	69.3	0.3	0.4%
77.8%	69.0	69.1	0.1	0.1%
79.0%	69.0	69.0	0.0	0.0%
80.2%	69.0	69.0	0.0	0.0%
81.5%	68.9	68.8	-0.1	-0.1%
82.7%	68.8	68.8	0.0	0.0%
84.0%	68.8	68.8	0.0	0.0%
85.2%	68.6	68.3	-0.3	-0.4%
86.4%	68.6	68.2	-0.4	-0.6%
87.7%	68.2	68.1	-0.1	-0.1%
88.9%	67.8	67.9	0.1	0.1%
90.1%	67.7	67.8	0.1	0.1%
91.4%	67.3	67.6	0.3	0.4%
92.6%	67.3	67.3	0.0	0.0%
93.8%	67.2	67.2	0.0	0.0%
95.1%	66.9	66.8	-0.1	-0.1%
96.3%	66.4	66.4	0.0	0.0%
97.5%	66.3	66.3	0.0	0.0%
98.8%	66.3	66.0	-0.3	-0.5%
100.0%	66.3	66.0	-0.3	-0.5%

July				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	76.9	76.5	-0.4	-0.5%
1.2%	76.0	76.0	0.0	0.0%
2.5%	75.3	75.6	0.3	0.4%
3.7%	74.7	75.1	0.4	0.5%
4.9%	74.7	74.5	-0.2	-0.3%
6.2%	74.7	74.3	-0.4	-0.5%
7.4%	74.5	74.1	-0.4	-0.5%
8.6%	73.9	74.0	0.1	0.1%
9.9%	73.8	74.0	0.2	0.3%
11.1%	73.8	73.8	0.0	0.0%
12.3%	73.8	73.7	-0.1	-0.1%
13.6%	73.8	73.6	-0.2	-0.3%
14.8%	73.7	73.6	-0.1	-0.1%
16.0%	73.6	73.6	0.0	0.0%
17.3%	73.5	73.6	0.1	0.1%
18.5%	73.5	73.5	0.0	0.0%
19.8%	73.5	73.4	-0.1	-0.1%
21.0%	73.4	73.3	-0.1	-0.1%
22.2%	73.4	73.2	-0.2	-0.3%
23.5%	73.3	73.1	-0.2	-0.3%
24.7%	73.1	73.0	-0.1	-0.1%
25.9%	73.1	72.9	-0.2	-0.3%
27.2%	73.1	72.9	-0.2	-0.3%
28.4%	72.9	72.8	-0.1	-0.1%
29.6%	72.9	72.8	-0.1	-0.1%
30.9%	72.9	72.8	-0.1	-0.1%
32.1%	72.9	72.7	-0.2	-0.3%
33.3%	72.8	72.7	-0.1	-0.1%
34.6%	72.8	72.7	-0.1	-0.1%
35.8%	72.6	72.7	0.1	0.1%
37.0%	72.6	72.6	0.0	0.0%
38.3%	72.5	72.6	0.1	0.1%
39.5%	72.5	72.6	0.1	0.1%
40.7%	72.5	72.5	0.0	0.0%
42.0%	72.4	72.4	0.0	0.0%
43.2%	72.4	72.3	-0.1	-0.1%
44.4%	72.3	72.2	-0.1	-0.1%
45.7%	72.3	72.2	-0.1	-0.1%
46.9%	72.1	72.2	0.1	0.1%
48.1%	72.1	72.1	0.0	0.0%
49.4%	72.1	72.1	0.0	0.0%
50.6%	72.0	72.1	0.1	0.1%
51.9%	72.0	72.1	0.1	0.1%
53.1%	72.0	71.9	-0.1	-0.1%
54.3%	71.8	71.9	0.1	0.1%
55.6%	71.8	71.8	0.0	0.0%
56.8%	71.8	71.7	-0.1	-0.1%
58.0%	71.7	71.7	0.0	0.0%
59.3%	71.7	71.7	0.0	0.0%
60.5%	71.6	71.7	0.1	0.1%
61.7%	71.6	71.5	-0.1	-0.1%
63.0%	71.6	71.5	-0.1	-0.1%
64.2%	71.6	71.5	-0.1	-0.1%
65.4%	71.5	71.4	-0.1	-0.1%
66.7%	71.5	71.4	-0.1	-0.1%
67.9%	71.4	71.3	-0.1	-0.1%
69.1%	71.4	71.3	-0.1	-0.1%
70.4%	71.3	71.2	-0.1	-0.1%
71.6%	71.2	71.2	0.0	0.0%
72.8%	71.2	71.2	0.0	0.0%
74.1%	71.1	71.1	0.0	0.0%
75.3%	71.1	71.1	0.0	0.0%
76.5%	71.1	71.0	-0.1	-0.1%
77.8%	71.0	70.9	-0.1	-0.1%
79.0%	70.9	70.9	0.0	0.0%
80.2%	70.8	70.8	0.0	0.0%
81.5%	70.8	70.6	-0.2	-0.3%
82.7%	70.6	70.6	0.0	0.0%
84.0%	70.6	70.6	0.0	0.0%
85.2%	70.5	70.5	0.0	0.0%
86.4%	70.4	70.4	0.0	0.0%
87.7%	70.2	70.2	0.0	0.0%
88.9%	69.9	70.2	0.3	0.4%
90.1%	69.9	69.8	-0.1	-0.1%
91.4%	69.9	69.7	-0.2	-0.3%
92.6%	69.8	69.6	-0.2	-0.3%
93.8%	69.7	69.5	-0.2	-0.3%
95.1%	69.7	69.3	-0.4	-0.6%
96.3%	69.0	68.5	-0.5	-0.7%
97.5%	68.9	68.5	-0.4	-0.6%
98.8%	68.0	67.7	-0.3	-0.4%
100.0%	68.0	67.7	-0.3	-0.4%

August				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	75.4	75.4	0.0	0.0%
1.2%	75.4	75.2	-0.2	-0.3%
2.5%	75.3	74.9	-0.4	-0.5%
3.7%	74.4	74.6	0.2	0.3%
4.9%	74.1	74.6	0.5	0.7%
6.2%	74.0	74.0	0.0	0.0%
7.4%	74.0	73.9	-0.1	-0.1%
8.6%	73.8	73.8	0.0	0.0%
9.9%	73.8	73.7	-0.1	-0.1%
11.1%	73.8	73.7	-0.1	-0.1%
12.3%	73.7	73.6	-0.1	-0.1%
13.6%	73.4	73.5	0.1	0.1%
14.8%	73.4	73.3	-0.1	-0.1%
16.0%	73.4	73.1	-0.3	-0.4%
17.3%	73.3	73.0	-0.3	-0.4%
18.5%	73.2	72.9	-0.3	-0.4%
19.8%	73.0	72.8	-0.2	-0.3%
21.0%	73.0	72.8	-0.2	-0.3%
22.2%	72.9	72.8	-0.1	-0.1%
23.5%	72.7	72.7	0.0	0.0%
24.7%	72.7	72.6	-0.1	-0.1%
25.9%	72.6	72.5	-0.1	-0.1%
27.2%	72.6	72.5	-0.1	-0.1%
28.4%	72.6	72.5	-0.1	-0.1%
29.6%	72.5	72.4	-0.1	-0.1%
30.9%	72.4	72.4	0.0	0.0%
32.1%	72.3	72.3	0.0	0.0%
33.3%	72.2	72.3	0.1	0.1%
34.6%	72.1	72.2	0.1	0.1%
35.8%	72.1	72.1	0.0	0.0%
37.0%	72.0	72.1	0.1	0.1%
38.3%	71.8	72.1	0.3	0.4%
39.5%	71.8	71.9	0.1	0.1%
40.7%	71.7	71.9	0.2	0.3%
42.0%	71.6	71.8	0.2	0.3%
43.2%	71.6	71.7	0.1	0.1%
44.4%	71.6	71.7	0.1	0.1%
45.7%	71.5	71.6	0.1	0.1%
46.9%	71.4	71.6	0.2	0.3%
48.1%	71.3	71.5	0.2	0.3%
49.4%	71.3	71.5	0.2	0.3%
50.6%	71.3	71.4	0.1	0.1%
51.9%	71.3	71.3	0.0	0.0%
53.1%	71.3	71.2	-0.1	-0.1%
54.3%	71.2	71.2	0.0	0.0%
55.6%	71.1	71.2	0.1	0.1%
56.8%	71.0	71.2	0.2	0.3%
58.0%	71.0	71.1	0.1	0.1%
59.3%	70.9	71.1	0.2	0.3%
60.5%	70.8	71.1	0.3	0.4%
61.7%	70.8	71.1	0.3	0.4%
63.0%	70.7	71.0	0.3	0.4%
64.2%	70.7	71.0	0.3	0.4%
65.4%	70.7	70.9	0.2	0.3%
66.7%	70.6	70.8	0.2	0.3%
67.9%	70.5	70.8	0.3	0.4%
69.1%	70.5	70.8	0.3	0.4%
70.4%	70.5	70.8	0.3	0.4%
71.6%	70.4	70.8	0.4	0.6%
72.8%	70.3	70.6	0.3	0.4%
74.1%	70.3	70.5	0.2	0.3%
75.3%	70.2	70.4	0.2	0.3%
76.5%	70.2	70.4	0.2	0.3%
77.8%	70.1	70.3	0.2	0.3%
79.0%	70.1	70.2	0.1	0.1%
80.2%	70.1	70.2	0.1	0.1%
81.5%	70.0	70.2	0.2	0.3%
82.7%	70.0	70.2	0.2	0.3%
84.0%	70.0	70.1	0.1	0.1%
85.2%	69.9	70.0	0.1	0.1%
86.4%	69.9	70.0	0.1	0.1%
87.7%	69.9	69.9	0.0	0.0%
88.9%	69.7	69.7	0.0	0.0%
90.1%	69.5	69.6	0.1	0.1%
91.4%	69.5	69.6	0.1	0.1%
92.6%	69.4	69.6	0.2	0.3%
93.8%	69.4	69.4	0.0	0.0%
95.1%	69.3	69.4	0.1	0.1%
96.3%	69.1	69.2	0.1	0.1%
97.5%	68.7	68.8	0.1	0.1%
98.8%	68.0	68.5	0.5	0.7%
100.0%	68.0	68.5	0.5	0.7%

September				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.5	73.6	0.1	0.1%
1.2%	72.9	72.7	-0.2	-0.3%
2.5%	71.5	71.7	0.2	0.3%
3.7%	71.1	71.4	0.3	0.4%
4.9%	71.1	71.1	0.0	0.0%
6.2%	70.9	71.0	0.1	0.1%
7.4%	70.9	71.0	0.1	0.1%
8.6%	70.7	70.9	0.2	0.3%
9.9%	70.7	70.8	0.1	0.1%
11.1%	70.7	70.5	-0.2	-0.3%
12.3%	70.6	70.3	-0.3	-0.4%
13.6%	70.4	70.2	-0.2	-0.3%
14.8%	70.3	70.2	-0.1	-0.1%
16.0%	70.1	69.9	-0.2	-0.3%
17.3%	70.0	69.7	-0.3	-0.4%
18.5%	69.9	69.7	-0.2	-0.3%
19.8%	69.7	69.6	-0.1	-0.1%
21.0%	69.7	69.6	-0.1	-0.1%
22.2%	69.7	69.6	-0.1	-0.1%
23.5%	69.5	69.4	-0.1	-0.1%
24.7%	69.4	69.3	-0.1	-0.1%
25.9%	69.3	69.2	-0.1	-0.1%
27.2%	69.2	69.2	0.0	0.0%
28.4%	69.1	69.1	0.0	0.0%
29.6%	69.0	69.1	0.1	0.1%
30.9%	68.9	69.1	0.2	0.3%
32.1%	68.9	69.0	0.1	0.1%
33.3%	68.7	69.0	0.3	0.4%
34.6%	68.7	69.0	0.3	0.4%
35.8%	68.6	68.9	0.3	0.4%
37.0%	68.5	68.8	0.3	0.4%
38.3%	68.5	68.3	-0.2	-0.3%
39.5%	68.5	68.1	-0.4	-0.6%
40.7%	68.3	68.0	-0.3	-0.4%
42.0%	68.2	68.0	-0.2	-0.3%
43.2%	67.9	67.8	-0.1	-0.1%
44.4%	67.9	67.8	-0.1	-0.1%
45.7%	67.8	67.6	-0.2	-0.3%
46.9%	67.6	67.5	-0.1	-0.1%
48.1%	67.5	67.5	0.0	0.0%
49.4%	67.5	67.4	-0.1	-0.1%
50.6%	67.3	67.3	0.0	0.0%
51.9%	67.3	67.1	-0.2	-0.3%
53.1%	67.2	67.1	-0.1	-0.1%
54.3%	67.2	67.0	-0.2	-0.3%
55.6%	67.2	67.0	-0.2	-0.3%
56.8%	67.0	66.8	-0.2	-0.3%
58.0%	66.9	66.5	-0.4	-0.6%
59.3%	66.7	66.5	-0.2	-0.3%
60.5%	66.7	66.4	-0.3	-0.4%
61.7%	66.6	66.3	-0.3	-0.5%
63.0%	66.5	66.3	-0.2	-0.3%
64.2%	66.4	66.2	-0.2	-0.3%
65.4%	66.4	66.2	-0.2	-0.3%
66.7%	66.3	66.1	-0.2	-0.3%
67.9%	66.2	66.1	-0.1	-0.2%
69.1%	66.2	66.0	-0.2	-0.3%
70.4%	66.1	66.0	-0.1	-0.2%
71.6%	66.1	65.9	-0.2	-0.3%
72.8%	66.1	65.9	-0.2	-0.3%
74.1%	66.0	65.8	-0.2	-0.3%
75.3%	66.0	65.8	-0.2	-0.3%
76.5%	65.9	65.8	-0.1	-0.2%
77.8%	65.8	65.7	-0.1	-0.2%
79.0%	65.8	65.7	-0.1	-0.2%
80.2%	65.8	65.6	-0.2	-0.3%
81.5%	65.5	65.6	0.1	0.2%
82.7%	65.5	65.6	0.1	0.2%
84.0%	65.4	65.6	0.2	0.3%
85.2%	65.2	65.5	0.3	0.5%
86.4%	65.2	65.2	0.0	0.0%
87.7%	64.8	65.2	0.4	0.6%
88.9%	64.6	64.9	0.3	0.5%
90.1%	64.5	64.9	0.4	0.6%
91.4%	64.5	64.1	-0.4	-0.6%
92.6%	63.8	63.7	-0.1	-0.2%
93.8%	63.5	63.4	-0.1	-0.2%
95.1%	63.0	62.9	-0.1	-0.2%
96.3%	62.6	62.5	-0.1	-0.2%
97.5%	62.4	62.2	-0.2	-0.3%
98.8%	61.8	61.9	0.1	0.2%
100.0%	61.8	61.9	0.1	0.2%

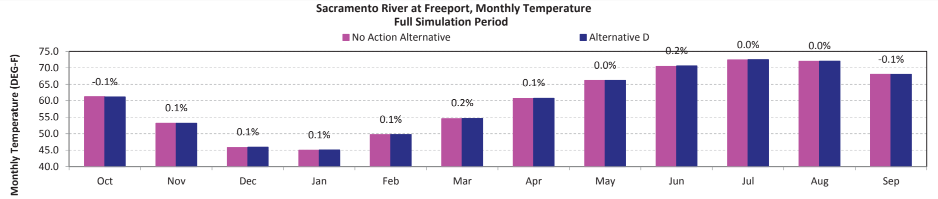
Table SQ-14-9a
Sacramento River at Freeport, Monthly Temperature
Long-term Average and Average by Water Year Type

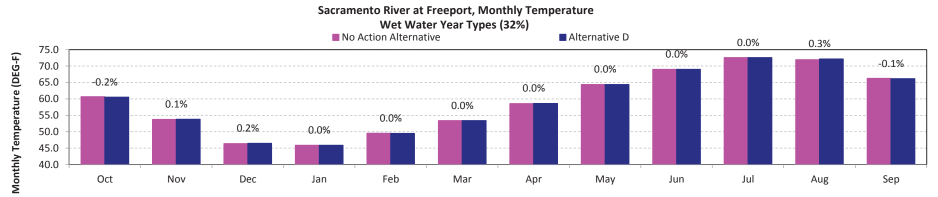
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	61.2	53.2	45.8	45.0	49.7	54.5	60.7	66.2	70.4	72.5	72.0	68.1
Alternative D	61.2	53.2	45.9	45.0	49.7	54.7	60.8	66.2	70.6	72.5	72.1	68.0
Difference	-0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.2	0.0	0.0	-0.1
Percent Difference[3]	-0.1%	0.1%	0.1%	0.1%	0.1%	0.2%	0.1%	0.0%	0.2%	0.0%	0.0%	-0.1%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	60.7	53.8	46.4	45.9	49.5	53.4	58.6	64.4	69.0	72.6	72.0	66.2
Alternative D	60.6	53.8	46.5	45.9	49.5	53.4	58.6	64.4	69.0	72.6	72.2	66.2
Difference	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.1
Percent Difference	-0.2%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	-0.1%
Above Normal (15%)												
No Action Alternative	60.5	52.1	45.6	45.1	49.5	54.1	60.6	66.4	70.6	71.5	71.1	67.1
Alternative D	60.4	52.1	45.7	45.2	49.5	54.2	60.6	66.4	70.8	71.4	71.2	67.1
Difference	-0.2	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.2	-0.2	0.1	0.0
Percent Difference	-0.3%	0.0%	0.1%	0.1%	0.1%	0.2%	0.1%	0.1%	0.2%	-0.2%	0.2%	0.1%
Below Normal (17%)												
No Action Alternative	60.9	53.1	45.9	44.3	49.0	54.6	61.2	66.2	70.7	72.1	72.2	69.4
Alternative D	60.8	53.2	45.9	44.3	49.0	54.8	61.2	66.2	70.9	72.1	72.2	69.3
Difference	-0.1	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.2	0.0	0.1	-0.1
Percent Difference	-0.2%	0.1%	0.1%	0.1%	0.1%	0.3%	0.0%	0.0%	0.3%	0.0%	0.1%	-0.2%
Dry (22%)												
No Action Alternative	61.4	53.2	45.8	44.2	49.7	55.3	62.0	67.3	71.7	72.2	71.6	69.1
Alternative D	61.4	53.3	45.9	44.2	49.7	55.5	62.1	67.3	72.1	72.3	71.7	69.1
Difference	0.0	0.1	0.1	0.0	0.1	0.2	0.1	0.0	0.3	0.1	0.0	0.0
Percent Difference	0.0%	0.1%	0.2%	0.0%	0.1%	0.4%	0.2%	0.0%	0.5%	0.2%	0.0%	0.0%
Critical (15%)												
No Action Alternative	63.0	52.9	44.7	44.8	51.0	56.1	62.9	67.7	70.9	73.9	73.4	70.0
Alternative D	63.2	52.9	44.7	44.8	51.1	56.2	63.0	67.8	71.1	74.0	72.9	69.8
Difference	0.2	0.0	0.0	0.1	0.1	0.2	0.1	0.1	0.2	0.1	-0.5	-0.1
Percent Difference	0.3%	0.0%	0.0%	0.2%	0.3%	0.3%	0.2%	0.1%	0.3%	0.2%	-0.7%	-0.2%

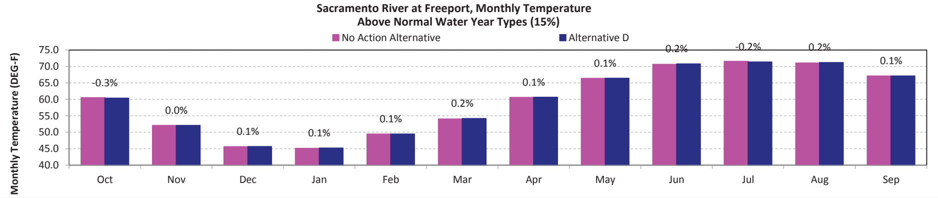
1 Based on the 82-year simulation period

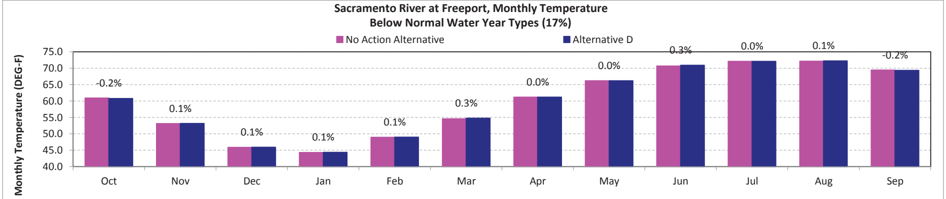
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

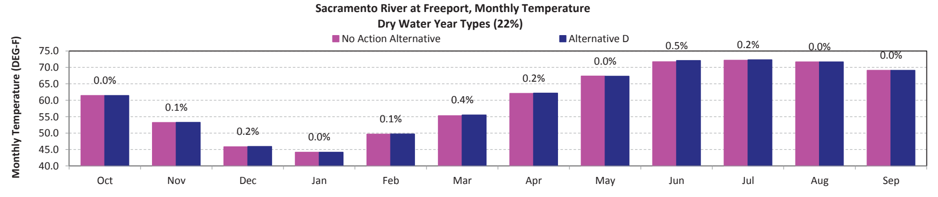
3 Relative difference of the monthly average











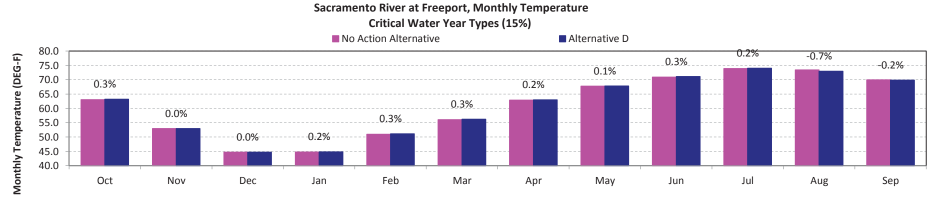


Figure SQ-14-9b
Sacramento River at Freeport, Monthly Temperature
Probability of Exceedance

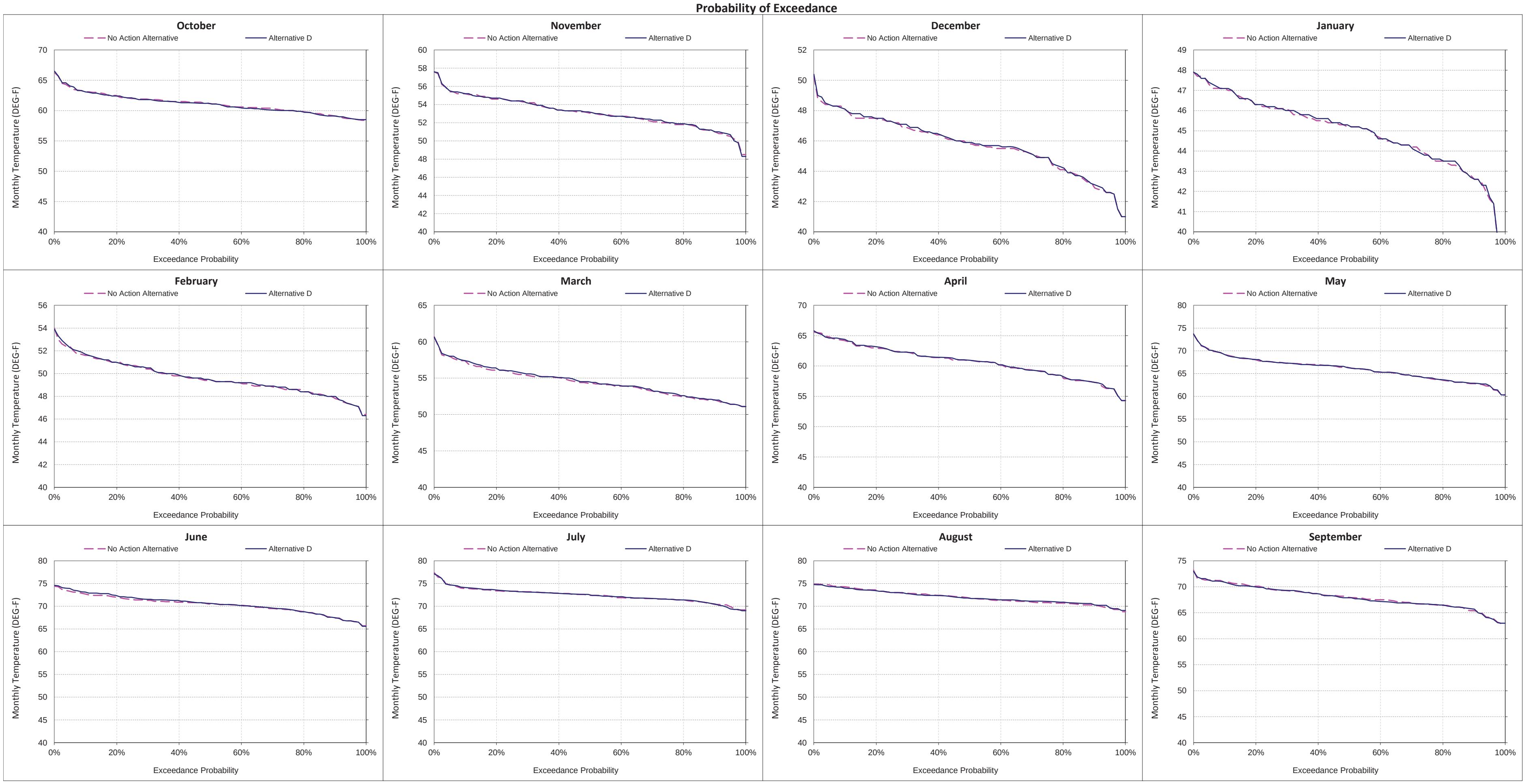


Table SQ-14-9b

Sacramento River at Freeport, Monthly Temperature
Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	66.3	66.5	0.2	0.3%
1.2%	65.7	65.7	0.0	0.0%
2.5%	64.5	64.6	0.1	0.2%
3.7%	64.3	64.6	0.3	0.5%
4.9%	63.9	64.1	0.2	0.3%
6.2%	63.5	63.9	0.4	0.6%
7.4%	63.4	63.3	-0.1	-0.2%
8.6%	63.3	63.3	0.0	0.0%
9.9%	63.1	63.1	0.0	0.0%
11.1%	63.1	63.0	-0.1	-0.2%
12.3%	63.0	62.9	-0.1	-0.2%
13.6%	63.0	62.9	-0.1	-0.2%
14.8%	62.9	62.7	-0.2	-0.3%
16.0%	62.8	62.6	-0.2	-0.3%
17.3%	62.5	62.6	0.1	0.2%
18.5%	62.5	62.4	-0.1	-0.2%
19.8%	62.5	62.4	-0.1	-0.2%
21.0%	62.2	62.4	0.2	0.3%
22.2%	62.1	62.2	0.1	0.2%
23.5%	62.1	62.1	0.0	0.0%
24.7%	62.0	62.1	0.1	0.2%
25.9%	62.0	62.0	0.0	0.0%
27.2%	61.9	61.8	-0.1	-0.2%
28.4%	61.9	61.8	-0.1	-0.2%
29.6%	61.9	61.8	-0.1	-0.2%
30.9%	61.8	61.8	0.0	0.0%
32.1%	61.8	61.7	-0.1	-0.2%
33.3%	61.8	61.6	-0.2	-0.3%
34.6%	61.7	61.6	-0.1	-0.2%
35.8%	61.6	61.5	-0.1	-0.2%
37.0%	61.5	61.5	0.0	0.0%
38.3%	61.5	61.5	0.0	0.0%
39.5%	61.5	61.4	-0.1	-0.2%
40.7%	61.5	61.3	-0.2	-0.3%
42.0%	61.5	61.3	-0.2	-0.3%
43.2%	61.4	61.3	-0.1	-0.2%
44.4%	61.4	61.3	-0.1	-0.2%
45.7%	61.4	61.2	-0.2	-0.3%
46.9%	61.4	61.2	-0.2	-0.3%
48.1%	61.2	61.2	0.0	0.0%
49.4%	61.2	61.2	0.0	0.0%
50.6%	61.1	61.1	0.0	0.0%
51.9%	61.1	61.1	0.0	0.0%
53.1%	60.9	61.0	0.1	0.2%
54.3%	60.9	60.8	-0.1	-0.2%
55.6%	60.8	60.6	-0.2	-0.3%
56.8%	60.7	60.6	-0.1	-0.2%
58.0%	60.6	60.6	0.0	0.0%
59.3%	60.6	60.5	-0.1	-0.2%
60.5%	60.6	60.4	-0.2	-0.3%
61.7%	60.5	60.4	-0.1	-0.2%
63.0%	60.5	60.4	-0.1	-0.2%
64.2%	60.5	60.3	-0.2	-0.3%
65.4%	60.5	60.3	-0.2	-0.3%
66.7%	60.4	60.2	-0.2	-0.3%
67.9%	60.4	60.2	-0.2	-0.3%
69.1%	60.4	60.1	-0.3	-0.5%
70.4%	60.3	60.1	-0.2	-0.3%
71.6%	60.2	60.0	-0.2	-0.3%
72.8%	60.1	60.0	-0.1	-0.2%
74.1%	60.1	60.0	-0.1	-0.2%
75.3%	60.0	60.0	0.0	0.0%
76.5%	60.0	60.0	0.0	0.0%
77.8%	59.9	59.9	0.0	0.0%
79.0%	59.9	59.9	0.0	0.0%
80.2%	59.8	59.7	-0.1	-0.2%
81.5%	59.7	59.7	0.0	0.0%
82.7%	59.7	59.6	-0.1	-0.2%
84.0%	59.5	59.4	-0.1	-0.2%
85.2%	59.5	59.3	-0.2	-0.3%
86.4%	59.3	59.2	-0.1	-0.2%
87.7%	59.3	59.1	-0.2	-0.3%
88.9%	59.2	59.1	-0.1	-0.2%
90.1%	59.1	59.1	0.0	0.0%
91.4%	59.0	59.0	0.0	0.0%
92.6%	58.8	59.0	0.2	0.3%
93.8%	58.7	58.8	0.1	0.2%
95.1%	58.7	58.7	0.0	0.0%
96.3%	58.6	58.6	0.0	0.0%
97.5%	58.5	58.5	0.0	0.0%
98.8%	58.4	58.5	0.1	0.2%
100.0%	58.4	58.5	0.1	0.2%

November				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	57.6	57.6	0.0	0.0%
1.2%	57.4	57.5	0.1	0.2%
2.5%	56.2	56.3	0.1	0.2%
3.7%	55.9	55.9	0.0	0.0%
4.9%	55.4	55.5	0.1	0.2%
6.2%	55.4	55.4	0.0	0.0%
7.4%	55.2	55.4	0.2	0.4%
8.6%	55.2	55.3	0.1	0.2%
9.9%	55.2	55.2	0.0	0.0%
11.1%	55.1	55.2	0.1	0.2%
12.3%	55.1	55.0	-0.1	-0.2%
13.6%	55.1	54.9	-0.2	-0.4%
14.8%	54.9	54.9	0.0	0.0%
16.0%	54.9	54.8	-0.1	-0.2%
17.3%	54.8	54.8	0.0	0.0%
18.5%	54.6	54.7	0.1	0.2%
19.8%	54.6	54.7	0.1	0.2%
21.0%	54.6	54.7	0.1	0.2%
22.2%	54.6	54.6	0.0	0.0%
23.5%	54.5	54.5	0.0	0.0%
24.7%	54.4	54.4	0.0	0.0%
25.9%	54.4	54.4	0.0	0.0%
27.2%	54.4	54.4	0.0	0.0%
28.4%	54.3	54.4	0.1	0.2%
29.6%	54.3	54.2	-0.1	-0.2%
30.9%	54.2	54.1	-0.1	-0.2%
32.1%	54.2	54.0	-0.2	-0.4%
33.3%	53.8	53.9	0.1	0.2%
34.6%	53.8	53.9	0.1	0.2%
35.8%	53.7	53.7	0.0	0.0%
37.0%	53.6	53.6	0.0	0.0%
38.3%	53.6	53.6	0.0	0.0%
39.5%	53.4	53.4	0.0	0.0%
40.7%	53.4	53.4	0.0	0.0%
42.0%	53.3	53.3	0.0	0.0%
43.2%	53.3	53.3	0.0	0.0%
44.4%	53.3	53.3	0.0	0.0%
45.7%	53.2	53.3	0.1	0.2%
46.9%	53.2	53.3	0.1	0.2%
48.1%	53.2	53.2	0.0	0.0%
49.4%	53.1	53.2	0.1	0.2%
50.6%	53.0	53.1	0.1	0.2%
51.9%	53.0	53.0	0.0	0.0%
53.1%	52.9	53.0	0.1	0.2%
54.3%	52.9	52.9	0.0	0.0%
55.6%	52.9	52.8	-0.1	-0.2%
56.8%	52.8	52.7	-0.1	-0.2%
58.0%	52.7	52.7	0.0	0.0%
59.3%	52.7	52.7	0.0	0.0%
60.5%	52.7	52.7	0.0	0.0%
61.7%	52.7	52.6	-0.1	-0.2%
63.0%	52.6	52.6	0.0	0.0%
64.2%	52.5	52.6	0.1	0.2%
65.4%	52.5	52.5	0.0	0.0%
66.7%	52.4	52.5	0.1	0.2%
67.9%	52.3	52.4	0.1	0.2%
69.1%	52.2	52.4	0.2	0.4%
70.4%	52.1	52.3	0.2	0.4%
71.6%	52.1	52.3	0.2	0.4%
72.8%	52.0	52.3	0.3	0.6%
74.1%	52.0	52.1	0.1	0.2%
75.3%	52.0	52.0	0.0	0.0%
76.5%	51.8	52.0	0.2	0.4%
77.8%	51.8	51.9	0.1	0.2%
79.0%	51.8	51.9	0.1	0.2%
80.2%	51.8	51.9	0.1	0.2%
81.5%	51.8	51.8	0.0	0.0%
82.7%	51.7	51.8	0.1	0.2%
84.0%	51.6	51.7	0.1	0.2%
85.2%	51.3	51.3	0.0	0.0%
86.4%	51.2	51.3	0.1	0.2%
87.7%	51.2	51.2	0.0	0.0%
88.9%	51.1	51.2	0.1	0.2%
90.1%	51.0	51.0	0.0	0.0%
91.4%	50.8	51.0	0.2	0.4%
92.6%	50.8	50.9	0.1	0.2%
93.8%	50.6	50.8	0.2	0.4%
95.1%	50.5	50.7	0.2	0.4%
96.3%	50.2	50.0	-0.2	-0.4%
97.5%	49.9	49.8	-0.1	-0.2%
98.8%	48.5	48.3	-0.2	-0.4%
100.0%	48.5	48.3	-0.2	-0.4%

December				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	50.3	50.4	0.1	0.2%
1.2%	48.8	49.0	0.2	0.4%
2.5%	48.6	48.9	0.3	0.6%
3.7%	48.4	48.5	0.1	0.2%
4.9%	48.4	48.4	0.0	0.0%
6.2%	48.3	48.3	0.0	0.0%
7.4%	48.3	48.3	0.0	0.0%
8.6%	48.3	48.2	-0.1	-0.2%
9.9%	48.1	48.1	0.0	0.0%
11.1%	47.9	47.9	0.0	0.0%
12.3%	47.6	47.8	0.2	0.4%
13.6%	47.5	47.8	0.3	0.6%
14.8%	47.5	47.8	0.3	0.6%
16.0%	47.5	47.6	0.1	0.2%
17.3%	47.5	47.6	0.1	0.2%
18.5%	47.5	47.6	0.1	0.2%
19.8%	47.5	47.5	0.0	0.0%
21.0%	47.4	47.5	0.1	0.2%
22.2%	47.4	47.5	0.1	0.2%
23.5%	47.3	47.3	0.0	0.0%
24.7%	47.3	47.3	0.0	0.0%
25.9%	47.2	47.2	0.0	0.0%
27.2%	47.2	47.1	-0.1	-0.2%
28.4%	46.9	47.1	0.2	0.4%
29.6%	46.9	47.1	0.2	0.4%
30.9%	46.8	46.9	0.1	0.2%
32.1%	46.7	46.9	0.2	0.4%
33.3%	46.7	46.9	0.2	0.4%
34.6%	46.6	46.7	0.1	0.2%
35.8%	46.6	46.6	0.0	0.0%
37.0%	46.5	46.6	0.1	0.2%
38.3%	46.5	46.5	0.0	0.0%
39.5%	46.4	46.5	0.1	0.2%
40.7%	46.4	46.4	0.0	0.0%
42.0%	46.2	46.3	0.1	0.2%
43.2%	46.1	46.2	0.1	0.2%
44.4%	46.1	46.1	0.0	0.0%
45.7%	46.0	46.0	0.0	0.0%
46.9%	46.0	46.0	0.0	0.0%
48.1%	46.0	45.9	-0.1	-0.2%
49.4%	45.8	45.9	0.1	0.2%
50.6%	45.8	45.9	0.1	0.2%
51.9%	45.7	45.8	0.1	0.2%
53.1%	45.7	45.8	0.1	0.2%
54.3%	45.7	45.7	0.0	0.0%
55.6%	45.6	45.7	0.1	0.2%
56.8%	45.6	45.7	0.1	0.2%
58.0%	45.5	45.7	0.2	0.4%
59.3%	45.5	45.7	0.2	0.4%
60.5%	45.5	45.6	0.1	0.2%
61.7%	45.5	45.6	0.1	0.2%
63.0%	45.5	45.6	0.1	0.2%
64.2%	45.5	45.6	0.1	0.2%
65.4%	45.4	45.5	0.1	0.2%
66.7%	45.3	45.4	0.1	0.2%
67.9%	45.3	45.3	0.0	0.0%
69.1%	45.2	45.2	0.0	0.0%
70.4%	45.1	45.1	0.0	0.0%
71.6%	45.0	44.9	-0.1	-0.2%
72.8%	44.9	44.9	0.0	0.0%
74.1%	44.9	44.9	0.0	0.0%
75.3%	44.9	44.9	0.0	0.0%
76.5%	44.4	44.5	0.1	0.2%
77.8%	44.3	44.4	0.1	0.2%
79.0%	44.1	44.3	0.2	0.5%
80.2%	44.1	44.2	0.1	0.2%
81.5%	44.0	43.9	-0.1	-0.2%
82.7%	43.9	43.9	0.0	0.0%
84.0%	43.8	43.7	-0.1	-0.2%
85.2%	43.7	43.7	0.0	0.0%
86.4%	43.5	43.6	0.1	0.2%
87.7%	43.3	43.4	0.1	0.2%
88.9%	43.3	43.2	-0.1	-0.2%
90.1%	42.9	43.1	0.2	0.5%
91.4%	42.8	43.0	0.2	0.5%
92.6%	42.8	42.9	0.1	0.2%
93.8%	42.6	42.6	0.0	0.0%
95.1%	42.6	42.6	0.0	0.0%
96.3%	42.5	42.5	0.0	0.0%
97.5%	41.5	41.5	0.0	0.0%
98.8%	41.0	41.0	0.0	0.0%
100.0%	41.0	41.0	0.0	0.0%

January				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	47.9	47.9	0.0	0.0%
1.2%	47.7	47.8	0.1	0.2%
2.5%	47.7	47.6	-0.1	-0.2%
3.7%	47.6	47.6	0.0	0.0%
4.9%	47.3	47.4	0.1	0.2%
6.2%	47.1	47.3	0.2	0.4%
7.4%	47.1	47.2	0.1	0.2%
8.6%	47.1	47.1	0.0	0.0%
9.9%	47.1	47.1	0.0	0.0%
11.1%	47.0	47.1	0.1	0.2%
12.3%	47.0	47.0	0.0	0.0%
13.6%	46.8	46.8	0.0	0.0%
14.8%	46.7	46.6	-0.1	-0.2%
16.0%	46.6	46.6	0.0	0.0%
17.3%	46.5	46.6	0.1	0.2%
18.5%	46.5	46.5	0.0	0.0%
19.8%	46.3	46.3	0.0	0.0%
21.0%	46.3	46.3	0.0	0.0%
22.2%	46.2	46.3	0.1	0.2%
23.5%	46.2	46.2	0.0	0.0%
24.7%	46.1	46.2	0.1	0.2%
25.9%	46.1	46.2	0.1	0.2%
27.2%	46.1	46.1	0.0	0.0%
28.4%	46.1	46.1	0.0	0.0%
29.6%	46.1	46.0	-0.1	-0.2%
30.9%	46.0	46.0	0.0	0.0%
32.1%	45.8	46.0	0.2	0.4%
33.3%	45.8	45.9	0.1	0.2%
34.6%	45.8	45.8	0.0	0.0%
35.8%	45.7	45.8	0.1	0.2%
37.0%	45.6	45.8	0.2	0.4%
38.3%	45.6	45.7	0.1	0.2%
39.5%	45.5	45.6	0.1	0.2%
40.7%	45.5	45.6	0.1	0.2%
42.0%	45.5	45.6	0.1	0.2%
43.2%	45.4	45.6	0.2	0.4%
44.4%	45.4	45.4	0.0	0.0%
45.7%	45.4	45.4	0.0	0.0%
46.9%	45.3	45.4	0.1	0.2%
48.1%	45.3	45.3	0.0	0.0%
49.4%	45.2	45.3	0.1	0.2%
50.6%	45.2	45.2	0.0	0.0%
51.9%	45.2	45.2	0.0	0.0%
53.1%	45.2	45.2	0.0	0.0%
54.3%	45.1	45.1	0.0	0.0%
55.6%	45.1	45.1	0.0	0.0%
56.8%	45.0	45.0	0.0	0.0%
58.0%	44.8	44.9	0.1	0.2%
59.3%	44.7	44.6	-0.1	-0.2%
60.5%	44.6	44.6	0.0	0.0%
61.7%	44.5	44.6	0.1	0.2%
63.0%	44.5	44.5	0.0	0.0%
64.2%	44.4	44.4	0.0	0.0%
65.4%	44.4	44.4	0.0	0.0%
66.7%	44.3	44.3	0.0	0.0%
67.9%	44.3	44.3	0.0	0.0%
69.1%	44.3	44.3	0.0	0.0%
70.4%	44.2	44.1	-0.1	-0.2%
71.6%	44.2	44.0	-0.2	-0.5%
72.8%	44.0	43.9	-0.1	-0.2%
74.1%	43.9	43.8	-0.1	-0.2%
75.3%	43.8	43.8	0.0	0.0%
76.5%	43.6	43.6	0.0	0.0%
77.8%	43.5	43.6	0.1	0.2%
79.0%	43.5	43.6	0.1	0.2%
80.2%	43.5	43.5	0.0	0.0%
81.5%	43.4	43.5	0.1	0.2%
82.7%	43.3	43.5	0.2	0.5%
84.0%	43.3	43.5	0.2	0.5%
85.2%	43.2	43.3	0.1	0.2%
86.4%	43.0	43.0	0.0	0.0%
87.7%	42.9	42.9	0.0	0.0%
88.9%	42.8	42.7	-0.1	-0.2%
90.1%	42.6	42.6	0.0	0.0%
91.4%	42.6	42.6	0.0	0.0%
92.6%	42.4	42.3	-0.1	-0.2%
93.8%	42.0	42.3	0.3	0.7%
95.1%	41.6	41.7	0.1	0.2%
96.3%	41.4	41.4	0.0	0.0%
97.5%	39.7	39.7	0.0	0.0%
98.8%	39.2	39.2	0.0	0.0%
100.0%	39.2	39.2	0.0	0.0%

Table SQ-14-9b

Sacramento River at Freeport, Monthly Temperature
Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.0	53.9	-0.1	-0.2%
1.2%	53.0	53.3	0.3	0.6%
2.5%	52.6	52.9	0.3	0.6%
3.7%	52.4	52.6	0.2	0.4%
4.9%	52.4	52.3	-0.1	-0.2%
6.2%	52.0	52.1	0.1	0.2%
7.4%	51.7	52.0	0.3	0.6%
8.6%	51.7	51.9	0.2	0.4%
9.9%	51.6	51.7	0.1	0.2%
11.1%	51.6	51.6	0.0	0.0%
12.3%	51.4	51.5	0.1	0.2%
13.6%	51.3	51.4	0.1	0.2%
14.8%	51.3	51.3	0.0	0.0%
16.0%	51.2	51.2	0.0	0.0%
17.3%	51.1	51.2	0.1	0.2%
18.5%	51.0	51.0	0.0	0.0%
19.8%	51.0	51.0	0.0	0.0%
21.0%	51.0	50.9	-0.1	-0.2%
22.2%	50.8	50.8	0.0	0.0%
23.5%	50.7	50.8	0.1	0.2%
24.7%	50.7	50.7	0.0	0.0%
25.9%	50.7	50.6	-0.1	-0.2%
27.2%	50.6	50.6	0.0	0.0%
28.4%	50.5	50.6	0.1	0.2%
29.6%	50.4	50.5	0.1	0.2%
30.9%	50.4	50.5	0.1	0.2%
32.1%	50.2	50.2	0.0	0.0%
33.3%	50.1	50.1	0.0	0.0%
34.6%	50.0	50.1	0.1	0.2%
35.8%	50.0	50.0	0.0	0.0%
37.0%	49.9	50.0	0.1	0.2%
38.3%	49.8	50.0	0.2	0.4%
39.5%	49.8	49.9	0.1	0.2%
40.7%	49.8	49.8	0.0	0.0%
42.0%	49.7	49.7	0.0	0.0%
43.2%	49.6	49.7	0.1	0.2%
44.4%	49.6	49.6	0.0	0.0%
45.7%	49.6	49.6	0.0	0.0%
46.9%	49.5	49.6	0.1	0.2%
48.1%	49.4	49.5	0.1	0.2%
49.4%	49.4	49.5	0.1	0.2%
50.6%	49.4	49.4	0.0	0.0%
51.9%	49.3	49.3	0.0	0.0%
53.1%	49.3	49.3	0.0	0.0%
54.3%	49.3	49.3	0.0	0.0%
55.6%	49.3	49.3	0.0	0.0%
56.8%	49.3	49.3	0.0	0.0%
58.0%	49.2	49.2	0.0	0.0%
59.3%	49.2	49.2	0.0	0.0%
60.5%	49.1	49.2	0.1	0.2%
61.7%	49.1	49.2	0.1	0.2%
63.0%	49.0	49.2	0.2	0.4%
64.2%	48.9	49.1	0.2	0.4%
65.4%	48.9	49.0	0.1	0.2%
66.7%	48.9	49.0	0.1	0.2%
67.9%	48.9	48.9	0.0	0.0%
69.1%	48.9	48.9	0.0	0.0%
70.4%	48.8	48.9	0.1	0.2%
71.6%	48.8	48.8	0.0	0.0%
72.8%	48.7	48.8	0.1	0.2%
74.1%	48.6	48.8	0.2	0.4%
75.3%	48.6	48.6	0.0	0.0%
76.5%	48.6	48.6	0.0	0.0%
77.8%	48.6	48.6	0.0	0.0%
79.0%	48.6	48.4	-0.2	-0.4%
80.2%	48.4	48.4	0.0	0.0%
81.5%	48.4	48.4	0.0	0.0%
82.7%	48.3	48.2	-0.1	-0.2%
84.0%	48.2	48.2	0.0	0.0%
85.2%	48.2	48.1	-0.1	-0.2%
86.4%	48.1	48.1	0.0	0.0%
87.7%	48.0	48.0	0.0	0.0%
88.9%	48.0	48.0	0.0	0.0%
90.1%	47.8	48.0	0.2	0.4%
91.4%	47.7	47.7	0.0	0.0%
92.6%	47.5	47.6	0.1	0.2%
93.8%	47.4	47.4	0.0	0.0%
95.1%	47.3	47.3	0.0	0.0%
96.3%	47.2	47.2	0.0	0.0%
97.5%	47.1	47.1	0.0	0.0%
98.8%	46.4	46.3	-0.1	-0.2%
100.0%	46.4	46.3	-0.1	-0.2%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.7	60.6	-0.1	-0.2%
1.2%	59.5	59.6	0.1	0.2%
2.5%	58.2	58.4	0.2	0.3%
3.7%	58.0	58.2	0.2	0.3%
4.9%	58.0	58.0	0.0	0.0%
6.2%	57.7	58.0	0.3	0.5%
7.4%	57.5	57.7	0.2	0.3%
8.6%	57.4	57.5	0.1	0.2%
9.9%	57.4	57.4	0.0	0.0%
11.1%	56.9	57.3	0.4	0.7%
12.3%	56.8	57.1	0.3	0.5%
13.6%	56.6	56.9	0.3	0.5%
14.8%	56.6	56.8	0.2	0.4%
16.0%	56.3	56.6	0.3	0.5%
17.3%	56.2	56.5	0.3	0.5%
18.5%	56.1	56.4	0.3	0.5%
19.8%	56.1	56.4	0.3	0.5%
21.0%	56.1	56.1	0.0	0.0%
22.2%	56.1	56.1	0.0	0.0%
23.5%	56.0	56.0	0.0	0.0%
24.7%	55.8	56.0	0.2	0.4%
25.9%	55.6	55.9	0.3	0.5%
27.2%	55.5	55.8	0.3	0.5%
28.4%	55.5	55.7	0.2	0.4%
29.6%	55.4	55.6	0.2	0.4%
30.9%	55.3	55.6	0.3	0.5%
32.1%	55.2	55.5	0.3	0.5%
33.3%	55.2	55.3	0.1	0.2%
34.6%	55.2	55.2	0.0	0.0%
35.8%	55.2	55.2	0.0	0.0%
37.0%	55.2	55.2	0.0	0.0%
38.3%	55.1	55.2	0.1	0.2%
39.5%	55.1	55.1	0.0	0.0%
40.7%	55.0	55.1	0.1	0.2%
42.0%	54.9	55.0	0.1	0.2%
43.2%	54.7	55.0	0.3	0.5%
44.4%	54.6	54.9	0.3	0.5%
45.7%	54.5	54.7	0.2	0.4%
46.9%	54.4	54.5	0.1	0.2%
48.1%	54.4	54.5	0.1	0.2%
49.4%	54.3	54.5	0.2	0.4%
50.6%	54.3	54.4	0.1	0.2%
51.9%	54.2	54.4	0.2	0.4%
53.1%	54.2	54.2	0.0	0.0%
54.3%	54.1	54.2	0.1	0.2%
55.6%	54.1	54.2	0.1	0.2%
56.8%	54.1	54.1	0.0	0.0%
58.0%	53.9	54.0	0.1	0.2%
59.3%	53.9	54.0	0.1	0.2%
60.5%	53.9	53.9	0.0	0.0%
61.7%	53.9	53.9	0.0	0.0%
63.0%	53.8	53.9	0.1	0.2%
64.2%	53.8	53.9	0.1	0.2%
65.4%	53.7	53.8	0.1	0.2%
66.7%	53.5	53.7	0.2	0.4%
67.9%	53.4	53.5	0.1	0.2%
69.1%	53.3	53.5	0.2	0.4%
70.4%	53.2	53.2	0.0	0.0%
71.6%	53.1	53.2	0.1	0.2%
72.8%	53.0	53.1	0.1	0.2%
74.1%	52.9	53.0	0.1	0.2%
75.3%	52.7	53.0	0.3	0.6%
76.5%	52.6	52.9	0.3	0.6%
77.8%	52.6	52.8	0.2	0.4%
79.0%	52.5	52.6	0.1	0.2%
80.2%	52.4	52.6	0.2	0.4%
81.5%	52.4	52.4	0.0	0.0%
82.7%	52.3	52.4	0.1	0.2%
84.0%	52.1	52.3	0.2	0.4%
85.2%	52.1	52.2	0.1	0.2%
86.4%	52.1	52.2	0.1	0.2%
87.7%	52.0	52.1	0.1	0.2%
88.9%	52.0	52.1	0.1	0.2%
90.1%	52.0	52.0	0.0	0.0%
91.4%	51.8	52.0	0.2	0.4%
92.6%	51.6	51.7	0.1	0.2%
93.8%	51.6	51.6	0.0	0.0%
95.1%	51.4	51.4	0.0	0.0%
96.3%	51.4	51.4	0.0	0.0%
97.5%	51.3	51.3	0.0	0.0%
98.8%	51.1	51.1	0.0	0.0%
100.0%	51.1	51.1	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.6	65.8	0.2	0.3%
1.2%	65.5	65.4	-0.1	-0.2%
2.5%	65.4	65.2	-0.2	-0.3%
3.7%	64.9	64.8	-0.1	-0.2%
4.9%	64.8	64.6	-0.2	-0.3%
6.2%	64.5	64.6	0.1	0.2%
7.4%	64.4	64.6	0.2	0.3%
8.6%	64.3	64.5	0.2	0.3%
9.9%	64.2	64.4	0.2	0.3%
11.1%	64.0	64.1	0.1	0.2%
12.3%	63.8	64.0	0.2	0.3%
13.6%	63.3	63.4	0.1	0.2%
14.8%	63.3	63.4	0.1	0.2%
16.0%	63.3	63.4	0.1	0.2%
17.3%	63.2	63.3	0.1	0.2%
18.5%	63.0	63.3	0.3	0.5%
19.8%	63.0	63.2	0.2	0.3%
21.0%	62.9	63.1	0.2	0.3%
22.2%	62.9	63.0	0.1	0.2%
23.5%	62.8	62.8	0.0	0.0%
24.7%	62.6	62.6	0.0	0.0%
25.9%	62.4	62.4	0.0	0.0%
27.2%	62.4	62.3	-0.1	-0.2%
28.4%	62.3	62.3	0.0	0.0%
29.6%	62.3	62.3	0.0	0.0%
30.9%	62.2	62.2	0.0	0.0%
32.1%	62.0	62.2	0.2	0.3%
33.3%	61.7	61.7	0.0	0.0%
34.6%	61.6	61.6	0.0	0.0%
35.8%	61.6	61.6	0.0	0.0%
37.0%	61.5	61.5	0.0	0.0%
38.3%	61.4	61.5	0.1	0.2%
39.5%	61.4	61.5	0.1	0.2%
40.7%	61.4	61.4	0.0	0.0%
42.0%	61.3	61.4	0.1	0.2%
43.2%	61.3	61.4	0.1	0.2%
44.4%	61.0	61.3	0.3	0.5%
45.7%	61.0	61.1	0.1	0.2%
46.9%	61.0	61.0	0.0	0.0%
48.1%	61.0	61.0	0.0	0.0%
49.4%	60.9	61.0	0.1	0.2%
50.6%	60.9	60.9	0.0	0.0%
51.9%	60.8	60.8	0.0	0.0%
53.1%	60.7	60.8	0.1	0.2%
54.3%	60.7	60.7	0.0	0.0%
55.6%	60.7	60.7	0.0	0.0%
56.8%	60.6	60.6	0.0	0.0%
58.0%	60.6	60.6	0.0	0.0%
59.3%	60.2	60.2	0.0	0.0%
60.5%	60.1	60.2	0.1	0.2%
61.7%	59.8	60.0	0.2	0.3%
63.0%	59.7	59.8	0.1	0.2%
64.2%	59.7	59.8	0.1	0.2%
65.4%	59.7	59.6	-0.1	-0.2%
66.7%	59.6	59.6	0.0	0.0%
67.9%	59.4	59.4	0.0	0.0%
69.1%	59.4	59.3	-0.1	-0.2%
70.4%	59.3	59.3	0.0	0.0%
71.6%	59.2	59.2	0.0	0.0%
72.8%	59.2	59.1	-0.1	-0.2%
74.1%	59.1	59.1	0.0	0.0%
75.3%	58.6	58.6	0.0	0.0%
76.5%	58.6	58.6	0.0	0.0%
77.8%	58.5	58.5	0.0	0.0%
79.0%	58.5	58.5	0.0	0.0%
80.2%	57.9	58.2	0.3	0.5%
81.5%	57.9	57.9	0.0	0.0%
82.7%	57.7	57.7	0.0	0.0%
84.0%	57.6	57.7	0.1	0.2%
85.2%	57.6	57.7	0.1	0.2%
86.4%	57.6	57.6	0.0	0.0%
87.7%	57.5	57.5	0.0	0.0%
88.9%	57.4	57.4	0.0	0.0%
90.1%	57.3	57.3	0.0	0.0%
91.4%	57.2	57.2	0.0	0.0%
92.6%	56.6	57.0	0.4	0.7%
93.8%	56.3	56.4	0.1	0.2%
95.1%	56.3	56.3	0.0	0.0%
96.3%	56.2	56.2	0.0	0.0%
97.5%	55.1	55.1	0.0	0.0%
98.8%	54.3	54.3	0.0	0.0%
100.0%	54.3	54.3	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.7	73.7	0.0	0.0%
1.2%	72.3	72.3	0.0	0.0%
2.5%	71.1	71.2	0.1	0.1%
3.7%	70.8	70.8	0.0	0.0%
4.9%	70.4	70.2	-0.2	-0.3%
6.2%	69.9	70.1	0.2	0.3%
7.4%	69.8	69.8	0.0	0.0%
8.6%	69.6	69.6	0.0	0.0%
9.9%	69.2	69.2	0.0	0.0%
11.1%	69.0	68.9	-0.1	-0.1%
12.3%	68.8	68.7	-0.1	-0.1%
13.6%	68.6	68.6	0.0	0.0%
14.8%	68.4	68.4	0.0	0.0%
16.0%	68.3	68.4	0.1	0.1%
17.3%	68.3	68.3	0.0	0.0%
18.5%	68.1	68.2	0.1	0.1%
19.8%	68.1	68.1	0.0	0.0%
21.0%	67.8	68.1	0.3	0.4%
22.2%	67.7	67.7	0.0	0.0%
23.5%	67.7	67.7	0.0	0.0%
24.7%	67.6	67.6	0.0	0.0%
25.9%	67.5	67.5	0.0	0.0%
27.2%	67.5	67.4	-0.1	-0.1%
28.4%	67.4	67.4	0.0	0.0%
29.6%	67.3	67.3	0.0	0.0%
30.9%	67.3	67.3	0.0	0.0%
32.1%	67.2	67.2	0.0	0.0%
33.3%	67.2	67.1	-0.1	-0.1%
34.6%	67.1	67.0	-0.1	-0.1%
35.8%	67.1	67.0	-0.1	-0.1%
37.0%	67.0	67.0	0.0	0.0%
38.3%	67.0	66.9	-0.1	-0.1%
39.5%	67.0	66.8	-0.2	-0.3%
40.7%	66.9	66.8	-0.1	-0.1%
42.0%	66.8	66.8	0.0	0.0%
43.2%	66.8	66.8	0.0	0.0%
44.4%	66.7	66.7	0.0	0.0%
45.7%	66.6	66.7	0.1	0.2%
46.9%	66.4	66.6	0.2	0.3%
48.1%	66.4	66.6	0.2	0.3%
49.4%	66.4	66.3	-0.1	-0.2%
50.6%	66.2	66.2	0.0	0.0%
51.9%	66.1	66.1	0.0	0.0%
53.1%	66.0	66.1	0.1	0.2%
54.3%	66.0	66.0	0.0	0.0%
55.6%	65.9	65.9	0.0	0.0%
56.8%	65.8	65.8	0.0	0.0%
58.0%	65.4	65.4	0.0	0.0%
59.3%	65.3	65.4	0.1	0.2%
60.5%	65.3	65.3	0.0	0.0%
61.7%	65.3	65.3	0.0	0.0%
63.0%	65.3	65.3	0.0	0.0%
64.2%	65.1	65.2	0.1	0.2%
65.4%	65.1	65.1	0.0	0.0%
66.7%	64.8	64.9	0.1	0.2%
67.9%	64.7	64.7	0.0	0.0%
69.1%	64.7	64.7	0.0	0.0%
70.4%	64.5	64.4	-0.1	-0.2%
71.6%	64.4	64.4	0.0	0.0%
72.8%	64.3	64.3	0.0	0.0%
74.1%	64.1	64.1	0.0	0.0%
75.3%	64.0	64.1	0.1	0.2%
76.5%	63.8	64.0	0.2	0.3%
77.8%	63.7	63.8	0.1	0.2%
79.0%	63.7	63.7	0.0	0.0%
80.2%	63.5	63.6	0.1	0.2%
81.5%	63.4	63.5	0.1	0.2%
82.7%	63.3	63.4	0.1	0.2%
84.0%	63.1	63.1	0.0	0.0%
85.2%	63.1	63.1	0.0	0.0%
86.4%	63.1	63.1	0.0	0.0%
87.7%	62.9	63.0	0.1	0.2%
88.9%	62.8	62.9	0.1	0.2%
90.1%	62.8	62.9	0.1	0.2%
91.4%	62.7	62.8	0.1	0.2%
92.6%	62.6	62.7	0.1	0.2%
93.8%	62.3	62.7	0.4	0.6%
95.1%	62.2	62.3	0.1	0.2%
96.3%	61.4	61.5	0.1	0.2%
97.5%	61.3	61.4	0.1	0.2%
98.8%	60.3	60.3	0.0	0.0%
100.0%	60.3	60.3	0.0	0.0%

Table SQ-14-9b

Sacramento River at Freeport, Monthly Temperature

Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	74.4	74.6	0.2	0.3%
1.2%	74.3	74.5	0.2	0.3%
2.5%	73.7	74.1	0.4	0.5%
3.7%	73.5	74.0	0.5	0.7%
4.9%	73.3	73.9	0.6	0.8%
6.2%	73.1	73.5	0.4	0.5%
7.4%	73.1	73.4	0.3	0.4%
8.6%	72.9	73.2	0.3	0.4%
9.9%	72.7	73.1	0.4	0.6%
11.1%	72.5	72.9	0.4	0.6%
12.3%	72.4	72.9	0.5	0.7%
13.6%	72.4	72.9	0.5	0.7%
14.8%	72.4	72.8	0.4	0.6%
16.0%	72.4	72.8	0.4	0.6%
17.3%	72.3	72.8	0.5	0.7%
18.5%	72.1	72.5	0.4	0.6%
19.8%	72.0	72.4	0.4	0.6%
21.0%	71.9	72.1	0.2	0.3%
22.2%	71.7	72.1	0.4	0.6%
23.5%	71.6	72.0	0.4	0.6%
24.7%	71.5	72.0	0.5	0.7%
25.9%	71.4	71.8	0.4	0.6%
27.2%	71.4	71.7	0.3	0.4%
28.4%	71.4	71.6	0.2	0.3%
29.6%	71.3	71.5	0.2	0.3%
30.9%	71.3	71.5	0.2	0.3%
32.1%	71.1	71.4	0.3	0.4%
33.3%	71.1	71.4	0.3	0.4%
34.6%	71.1	71.4	0.3	0.4%
35.8%	71.0	71.4	0.4	0.6%
37.0%	71.0	71.3	0.3	0.4%
38.3%	71.0	71.3	0.3	0.4%
39.5%	70.9	71.3	0.4	0.6%
40.7%	70.9	71.1	0.2	0.3%
42.0%	70.9	71.1	0.2	0.3%
43.2%	70.8	71.0	0.2	0.3%
44.4%	70.8	70.9	0.1	0.1%
45.7%	70.8	70.8	0.0	0.0%
46.9%	70.8	70.8	0.0	0.0%
48.1%	70.7	70.7	0.0	0.0%
49.4%	70.5	70.7	0.2	0.3%
50.6%	70.5	70.6	0.1	0.1%
51.9%	70.5	70.5	0.0	0.0%
53.1%	70.4	70.4	0.0	0.0%
54.3%	70.4	70.4	0.0	0.0%
55.6%	70.4	70.4	0.0	0.0%
56.8%	70.3	70.4	0.1	0.1%
58.0%	70.3	70.3	0.0	0.0%
59.3%	70.2	70.2	0.0	0.0%
60.5%	70.2	70.1	-0.1	-0.1%
61.7%	70.1	70.1	0.0	0.0%
63.0%	70.1	70.0	-0.1	-0.1%
64.2%	69.8	70.0	0.2	0.3%
65.4%	69.8	69.9	0.1	0.1%
66.7%	69.8	69.8	0.0	0.0%
67.9%	69.6	69.7	0.1	0.1%
69.1%	69.5	69.7	0.2	0.3%
70.4%	69.5	69.6	0.1	0.1%
71.6%	69.4	69.5	0.1	0.1%
72.8%	69.4	69.5	0.1	0.1%
74.1%	69.3	69.4	0.1	0.1%
75.3%	69.3	69.3	0.0	0.0%
76.5%	69.0	69.2	0.2	0.3%
77.8%	69.0	69.0	0.0	0.0%
79.0%	68.9	68.8	-0.1	-0.1%
80.2%	68.8	68.8	0.0	0.0%
81.5%	68.6	68.6	0.0	0.0%
82.7%	68.6	68.5	-0.1	-0.1%
84.0%	68.3	68.3	0.0	0.0%
85.2%	68.3	68.3	0.0	0.0%
86.4%	68.0	68.1	0.1	0.1%
87.7%	67.7	67.6	-0.1	-0.1%
88.9%	67.6	67.6	0.0	0.0%
90.1%	67.4	67.5	0.1	0.1%
91.4%	67.4	67.3	-0.1	-0.1%
92.6%	66.9	66.9	0.0	0.0%
93.8%	66.8	66.8	0.0	0.0%
95.1%	66.8	66.8	0.0	0.0%
96.3%	66.6	66.6	0.0	0.0%
97.5%	66.6	66.5	-0.1	-0.2%
98.8%	65.7	65.6	-0.1	-0.2%
100.0%	65.7	65.6	-0.1	-0.2%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	77.4	77.1	-0.3	-0.4%
1.2%	76.4	76.7	0.3	0.4%
2.5%	76.3	76.1	-0.2	-0.3%
3.7%	75.0	74.9	-0.1	-0.1%
4.9%	74.7	74.7	0.0	0.0%
6.2%	74.6	74.6	0.0	0.0%
7.4%	74.3	74.5	0.2	0.3%
8.6%	74.0	74.2	0.2	0.3%
9.9%	73.9	74.1	0.2	0.3%
11.1%	73.9	74.1	0.2	0.3%
12.3%	73.8	74.0	0.2	0.3%
13.6%	73.8	73.9	0.1	0.1%
14.8%	73.7	73.8	0.1	0.1%
16.0%	73.6	73.7	0.1	0.1%
17.3%	73.6	73.7	0.1	0.1%
18.5%	73.5	73.7	0.2	0.3%
19.8%	73.4	73.6	0.2	0.3%
21.0%	73.4	73.5	0.1	0.1%
22.2%	73.3	73.4	0.1	0.1%
23.5%	73.3	73.4	0.1	0.1%
24.7%	73.3	73.3	0.0	0.0%
25.9%	73.3	73.3	0.0	0.0%
27.2%	73.3	73.2	-0.1	-0.1%
28.4%	73.2	73.2	0.0	0.0%
29.6%	73.2	73.1	-0.1	-0.1%
30.9%	73.2	73.1	-0.1	-0.1%
32.1%	73.1	73.1	0.0	0.0%
33.3%	73.1	73.0	-0.1	-0.1%
34.6%	73.0	73.0	0.0	0.0%
35.8%	73.0	73.0	0.0	0.0%
37.0%	73.0	72.9	-0.1	-0.1%
38.3%	72.9	72.9	0.0	0.0%
39.5%	72.9	72.9	0.0	0.0%
40.7%	72.8	72.8	0.0	0.0%
42.0%	72.8	72.8	0.0	0.0%
43.2%	72.8	72.7	-0.1	-0.1%
44.4%	72.6	72.7	0.1	0.1%
45.7%	72.6	72.6	0.0	0.0%
46.9%	72.6	72.6	0.0	0.0%
48.1%	72.6	72.6	0.0	0.0%
49.4%	72.4	72.6	0.2	0.3%
50.6%	72.4	72.4	0.0	0.0%
51.9%	72.4	72.4	0.0	0.0%
53.1%	72.4	72.3	-0.1	-0.1%
54.3%	72.4	72.2	-0.2	-0.3%
55.6%	72.3	72.2	-0.1	-0.1%
56.8%	72.1	72.2	0.1	0.1%
58.0%	71.9	72.1	0.2	0.3%
59.3%	71.9	72.1	0.2	0.3%
60.5%	71.9	72.1	0.2	0.3%
61.7%	71.8	71.9	0.1	0.1%
63.0%	71.8	71.9	0.1	0.1%
64.2%	71.8	71.8	0.0	0.0%
65.4%	71.8	71.8	0.0	0.0%
66.7%	71.8	71.8	0.0	0.0%
67.9%	71.7	71.8	0.1	0.1%
69.1%	71.7	71.7	0.0	0.0%
70.4%	71.7	71.7	0.0	0.0%
71.6%	71.6	71.7	0.1	0.1%
72.8%	71.6	71.6	0.0	0.0%
74.1%	71.6	71.6	0.0	0.0%
75.3%	71.6	71.5	-0.1	-0.1%
76.5%	71.5	71.5	0.0	0.0%
77.8%	71.4	71.4	0.0	0.0%
79.0%	71.4	71.4	0.0	0.0%
80.2%	71.4	71.4	0.0	0.0%
81.5%	71.2	71.3	0.1	0.1%
82.7%	71.1	71.3	0.2	0.3%
84.0%	71.1	71.2	0.1	0.1%
85.2%	71.0	71.0	0.0	0.0%
86.4%	70.9	70.9	0.0	0.0%
87.7%	70.7	70.8	0.1	0.1%
88.9%	70.6	70.6	0.0	0.0%
90.1%	70.4	70.5	0.1	0.1%
91.4%	70.4	70.2	-0.2	-0.3%
92.6%	70.3	70.1	-0.2	-0.3%
93.8%	70.3	69.8	-0.5	-0.7%
95.1%	69.9	69.4	-0.5	-0.7%
96.3%	69.5	69.3	-0.2	-0.3%
97.5%	69.2	69.3	0.1	0.1%
98.8%	69.2	69.0	-0.2	-0.3%
100.0%	69.2	69.0	-0.2	-0.3%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	74.9	74.8	-0.1	-0.1%
1.2%	74.9	74.7	-0.2	-0.3%
2.5%	74.8	74.7	-0.1	-0.1%
3.7%	74.8	74.5	-0.3	-0.4%
4.9%	74.7	74.3	-0.4	-0.5%
6.2%	74.4	74.3	-0.1	-0.1%
7.4%	74.4	74.2	-0.2	-0.3%
8.6%	74.3	74.2	-0.1	-0.1%
9.9%	74.3	74.0	-0.3	-0.4%
11.1%	74.2	73.9	-0.3	-0.4%
12.3%	74.1	73.9	-0.2	-0.3%
13.6%	73.9	73.7	-0.2	-0.3%
14.8%	73.8	73.6	-0.2	-0.3%
16.0%	73.7	73.6	-0.1	-0.1%
17.3%	73.6	73.6	0.0	0.0%
18.5%	73.6	73.5	-0.1	-0.1%
19.8%	73.6	73.4	-0.2	-0.3%
21.0%	73.3	73.3	0.0	0.0%
22.2%	73.3	73.3	0.0	0.0%
23.5%	73.1	73.2	0.1	0.1%
24.7%	73.1	73.0	-0.1	-0.1%
25.9%	73.0	73.0	0.0	0.0%
27.2%	73.0	73.0	0.0	0.0%
28.4%	72.9	73.0	0.1	0.1%
29.6%	72.9	72.8	-0.1	-0.1%
30.9%	72.8	72.7	-0.1	-0.1%
32.1%	72.8	72.6	-0.2	-0.3%
33.3%	72.7	72.5	-0.2	-0.3%
34.6%	72.7	72.5	-0.2	-0.3%
35.8%	72.7	72.4	-0.3	-0.4%
37.0%	72.5	72.4	-0.1	-0.1%
38.3%	72.5	72.4	-0.1	-0.1%
39.5%	72.4	72.4	0.0	0.0%
40.7%	72.4	72.3	-0.1	-0.1%
42.0%	72.3	72.3	0.0	0.0%
43.2%	72.3	72.2	-0.1	-0.1%
44.4%	72.2	72.1	-0.1	-0.1%
45.7%	72.1	72.0	-0.1	-0.1%
46.9%	72.1	71.9	-0.2	-0.3%
48.1%	72.0	71.8	-0.2	-0.3%
49.4%	71.9	71.8	-0.1	-0.1%
50.6%	71.7	71.7	0.0	0.0%
51.9%	71.7	71.7	0.0	0.0%
53.1%	71.6	71.7	0.1	0.1%
54.3%	71.6	71.7	0.1	0.1%
55.6%	71.6	71.6	0.0	0.0%
56.8%	71.4	71.5	0.1	0.1%
58.0%	71.3	71.5	0.2	0.3%
59.3%	71.3	71.4	0.1	0.1%
60.5%	71.3	71.4	0.1	0.1%
61.7%	71.3	71.4	0.1	0.1%
63.0%	71.2	71.4	0.2	0.3%
64.2%	71.2	71.4	0.2	0.3%
65.4%	71.1	71.3	0.2	0.3%
66.7%	71.1	71.2	0.1	0.1%
67.9%	71.1	71.2	0.1	0.1%
69.1%	71.0	71.1	0.1	0.1%
70.4%	70.9	71.1	0.2	0.3%
71.6%	70.8	71.1	0.3	0.4%
72.8%	70.8	71.1	0.3	0.4%
74.1%	70.8	71.1	0.3	0.4%
75.3%	70.8	71.0	0.2	0.3%
76.5%	70.7	71.0	0.3	0.4%
77.8%	70.7	71.0	0.3	0.4%
79.0%	70.7	70.9	0.2	0.3%
80.2%	70.7	70.9	0.2	0.3%
81.5%	70.6	70.8	0.2	0.3%
82.7%	70.6	70.8	0.2	0.3%
84.0%	70.5	70.7	0.2	0.3%
85.2%	70.4	70.7	0.3	0.4%
86.4%	70.3	70.6	0.3	0.4%
87.7%	70.3	70.6	0.3	0.4%
88.9%	70.3	70.6	0.3	0.4%
90.1%	70.2	70.3	0.1	0.1%
91.4%	70.1	70.2	0.1	0.1%
92.6%	69.9	70.2	0.3	0.4%
93.8%	69.7	70.2	0.5	0.7%
95.1%	69.7	69.6	-0.1	-0.1%
96.3%	69.3	69.5	0.2	0.3%
97.5%	69.3	69.5	0.2	0.3%
98.8%	68.8	69.1	0.3	0.4%
100.0%	68.8	69.1	0.3	0.4%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.2	73.0	-0.2	-0.3%
1.2%	71.6	71.9	0.3	0.4%
2.5%	71.5	71.6	0.1	0.1%
3.7%	71.3	71.6	0.3	0.4%
4.9%	71.3	71.3	0.0	0.0%
6.2%	71.3	71.1	-0.2	-0.3%
7.4%	71.2	71.1	-0.1	-0.1%
8.6%	71.2	71.1	-0.1	-0.1%
9.9%	70.9	70.9	0.0	0.0%
11.1%	70.9	70.7	-0.2	-0.3%
12.3%	70.7	70.5	-0.2	-0.3%
13.6%	70.6	70.3	-0.3	-0.4%
14.8%	70.6	70.2	-0.4	-0.6%
16.0%	70.5	70.2	-0.3	-0.4%
17.3%	70.3	70.2	-0.1	-0.1%
18.5%	70.1	70.1	0.0	0.0%
19.8%	70.1	70.0	-0.1	-0.1%
21.0%	70.1	69.9	-0.2	-0.3%
22.2%	69.9	69.9	0.0	0.0%
23.5%	69.9	69.6	-0.3	-0.4%
24.7%	69.5	69.6	0.1	0.1%
25.9%	69.4	69.5	0.1	0.1%
27.2%	69.3	69.4	0.1	0.1%
28.4%	69.3	69.4	0.1	0.1%
29.6%	69.3	69.3	0.0	0.0%
30.9%	69.2	69.3	0.1	0.1%
32.1%	69.2	69.3	0.1	0.1%
33.3%	69.1	69.2	0.1	0.1%
34.6%	69.0	69.1	0.1	0.1%
35.8%	68.9	68.9	0.0	0.0%
37.0%	68.9	68.9	0.0	0.0%
38.3%	68.7	68.7	0.0	0.0%
39.5%	68.7	68.7	0.0	0.0%
40.7%	68.4	68.6	0.2	0.3%
42.0%	68.4	68.3	-0.1	-0.1%
43.2%	68.3	68.3	0.0	0.0%
44.4%	68.3	68.3	0.0	0.0%
45.7%	68.3	68.2	-0.1	-0.1%
46.9%	68.2	68.0	-0.2	-0.3%
48.1%	68.2	67.9	-0.3	-0.4%
49.4%	68.0	67.9	-0.1	-0.1%
50.6%	67.9	67.9	0.0	0.0%
51.9%	67.9	67.7	-0.2	-0.3%
53.1%	67.8	67.7	-0.1	-0.1%
54.3%	67.8	67.6	-0.2	-0.3%
55.6%	67.6	67.5	-0.1	-0.1%
56.8%	67.6	67.3	-0.3	-0.4%
58.0%	67.5	67.3	-0.2	-0.3%
59.3%	67.5	67.2	-0.3	-0.4%
60.5%	67.5	67.2	-0.3	-0.4%
61.7%	67.5	67.1	-0.4	-0.6%
63.0%	67.4	67.1	-0.3	-0.4%
64.2%	67.3	67.0	-0.3	-0.4%
65.4%	67.1	66.9	-0.2	-0.3%
66.7%	67.1	66.9	-0.2	-0.3%
67.9%	67.0	66.9	-0.1	-0.1%
69.1%	67.0	66.9	-0.1	-0.1%
70.4%	66.8	66.8	0.0	0.0%
71.6%	66.7	66.8	0.1	0.1%
72.8%	66.7	66.7	0.0	0.0%
74.1%	66.7	66.7	0.0	0.0%
75.3%	66.6	66.7	0.1	0.2%
76.5%	66.6	66.6	0.0	0.0%
77.8%	66.5	66.6	0.1	0.2%
79.0%	66.4	66.5	0.1	0.2%
80.2%	66.4	66.5	0.1	0.2%
81.5%	66.4	66.3	-0.1	-0.2%
82.7%	66.2	66.2	0.0	0.0%
84.0%	66.1	66.1	0.0	0.0%
85.2%	66.1	66.1	0.0	0.0%
86.4%	66.0	66.0	0.0	0.0%
87.7%	65.5	65.9	0.4	0.6%
88.9%	65.4	65.8	0.4	0.6%
90.1%	65.4	65.7	0.3	0.5%
91.4%	65.2	65.0	-0.2	-0.3%
92.6%	64.9	64.8	-0.1	-0.2%
93.8%	64.2	64.1	-0.1	-0.2%
95.1%	64.1	64.0	-0.1	-0.2%
96.3%	63.8	63.7	-0.1	-0.2%
97.5%	63.2	63.1	-0.1	-0.2%
98.8%	62.9	63.0	0.1	0.2%
100.0%	62.9	63.0	0.1	0.2%

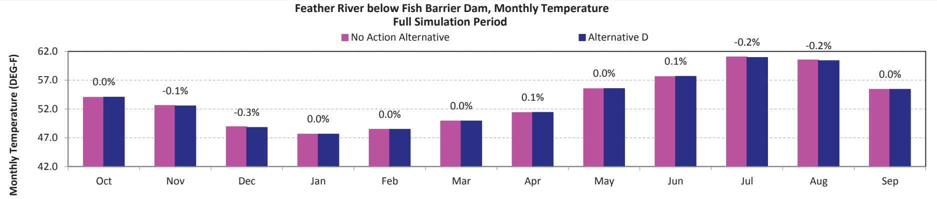
Table SQ-15-9a
Feather River below Fish Barrier Dam, Monthly Temperature
Long-term Average and Average by Water Year Type

Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	54.0	52.6	48.9	47.6	48.5	49.9	51.4	55.5	57.6	61.0	60.5	55.4
Alternative D	54.0	52.5	48.8	47.6	48.5	49.9	51.4	55.5	57.6	60.9	60.4	55.4
Difference	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0
Percent Difference[3]	0.0%	-0.1%	-0.3%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	-0.2%	-0.2%	0.0%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	53.2	52.2	48.9	47.8	47.8	48.6	50.5	54.8	57.3	61.2	60.7	54.4
Alternative D	53.3	52.2	48.8	47.8	47.8	48.6	50.5	54.8	57.3	61.2	60.6	54.4
Difference	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0
Percent Difference	0.2%	0.0%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.2%	0.0%
Above Normal (15%)												
No Action Alternative	53.3	52.0	48.8	47.5	48.1	48.8	51.5	55.7	57.8	60.7	59.8	54.5
Alternative D	53.3	52.0	48.6	47.6	48.1	48.8	51.5	55.7	57.6	60.7	59.9	54.4
Difference	0.1	0.0	-0.3	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.1	-0.1
Percent Difference	0.1%	0.0%	-0.6%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.0%	0.2%	-0.1%
Below Normal (17%)												
No Action Alternative	53.8	52.3	48.5	47.5	48.4	50.3	52.0	55.9	57.8	60.8	59.9	55.6
Alternative D	54.0	52.3	48.4	47.5	48.5	50.1	52.1	56.0	57.7	60.8	60.1	55.7
Difference	0.1	0.0	-0.1	0.0	0.0	-0.2	0.0	0.0	-0.1	0.0	0.1	0.1
Percent Difference	0.2%	0.0%	-0.1%	0.1%	0.1%	-0.4%	0.1%	0.0%	-0.2%	0.0%	0.2%	0.2%
Dry (22%)												
No Action Alternative	54.3	52.8	49.0	47.5	48.9	51.1	51.9	55.7	57.7	60.8	60.2	55.9
Alternative D	54.2	52.7	48.9	47.5	49.0	51.4	52.0	55.8	57.9	60.8	59.9	55.6
Difference	0.0	-0.1	-0.2	0.0	0.0	0.3	0.0	0.1	0.2	0.1	-0.3	-0.3
Percent Difference	-0.1%	-0.2%	-0.4%	0.0%	0.1%	0.5%	0.0%	0.1%	0.3%	0.1%	-0.5%	-0.6%
Critical (15%)												
No Action Alternative	56.2	54.0	49.5	47.4	49.2	51.3	51.5	55.9	57.7	61.6	61.8	57.2
Alternative D	56.0	53.7	49.2	47.4	49.1	51.2	51.6	55.9	58.0	60.9	61.3	57.7
Difference	-0.2	-0.3	-0.3	0.0	-0.1	-0.1	0.1	0.0	0.3	-0.7	-0.6	0.4
Percent Difference	-0.4%	-0.6%	-0.6%	-0.1%	-0.2%	-0.3%	0.2%	0.1%	0.5%	-1.1%	-0.9%	0.8%

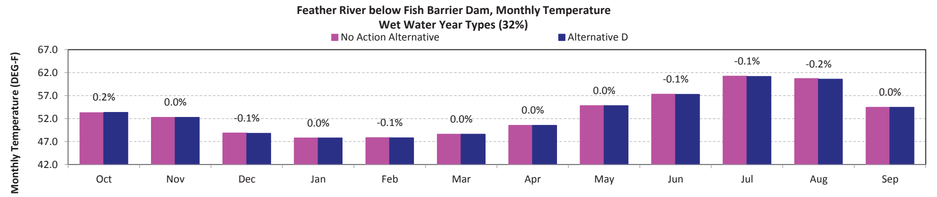
1 Based on the 82-year simulation period

2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

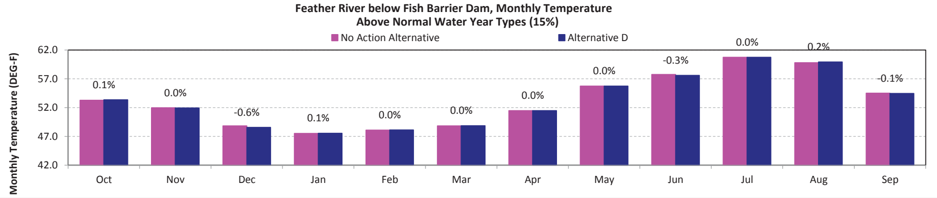
3 Relative difference of the monthly average



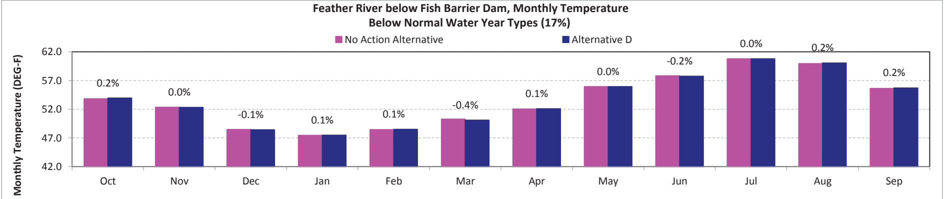
Feather River below Fish Barrier Dam, Monthly Temperature
Full Simulation Period



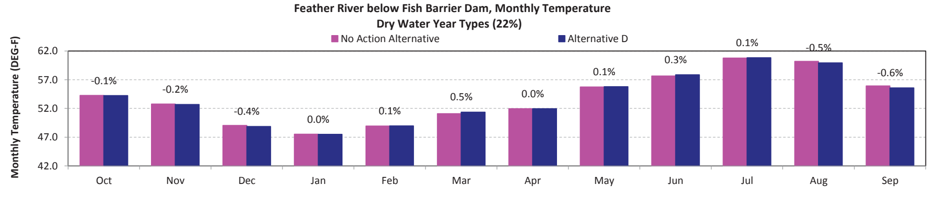
Feather River below Fish Barrier Dam, Monthly Temperature
Wet Water Year Types (32%)



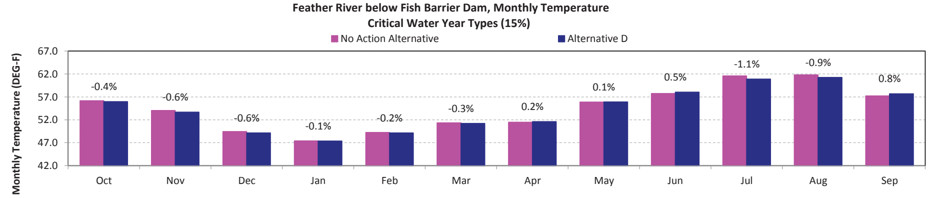
Feather River below Fish Barrier Dam, Monthly Temperature
Above Normal Water Year Types (15%)



Feather River below Fish Barrier Dam, Monthly Temperature
Below Normal Water Year Types (17%)



Feather River below Fish Barrier Dam, Monthly Temperature
Dry Water Year Types (22%)



Feather River below Fish Barrier Dam, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-15-9b
Feather River below Fish Barrier Dam, Monthly Temperature
Probability of Exceedance

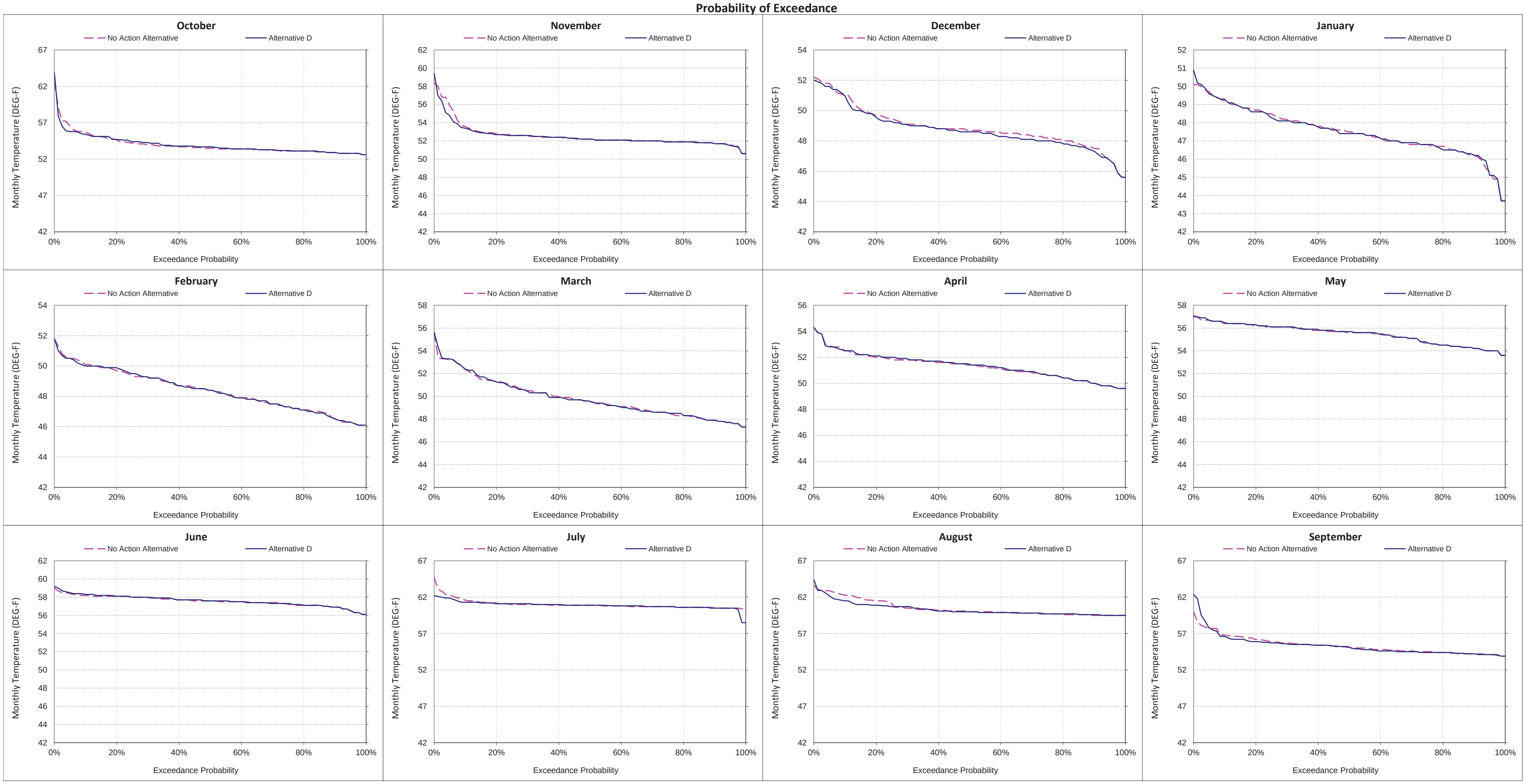


Table SQ-15-9b

Feather River below Fish Barrier Dam, Monthly Temperature
Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	62.6	63.9	1.3	2.1%
1.2%	59.1	57.9	-1.2	-2.0%
2.5%	57.3	56.5	-0.8	-1.4%
3.7%	57.2	55.9	-1.3	-2.3%
4.9%	56.6	55.8	-0.8	-1.4%
6.2%	56.0	55.8	-0.2	-0.4%
7.4%	55.8	55.7	-0.1	-0.2%
8.6%	55.8	55.5	-0.3	-0.5%
9.9%	55.7	55.4	-0.3	-0.5%
11.1%	55.5	55.3	-0.2	-0.4%
12.3%	55.2	55.1	-0.1	-0.2%
13.6%	55.2	55.1	-0.1	-0.2%
14.8%	55.1	55.1	0.0	0.0%
16.0%	55.0	55.1	0.1	0.2%
17.3%	54.8	55.1	0.3	0.5%
18.5%	54.7	54.8	0.1	0.2%
19.8%	54.7	54.7	0.0	0.0%
21.0%	54.4	54.7	0.3	0.6%
22.2%	54.4	54.6	0.2	0.4%
23.5%	54.3	54.6	0.3	0.6%
24.7%	54.2	54.4	0.2	0.4%
25.9%	54.2	54.4	0.2	0.4%
27.2%	54.1	54.4	0.3	0.6%
28.4%	54.1	54.3	0.2	0.4%
29.6%	54.0	54.3	0.3	0.6%
30.9%	54.0	54.2	0.2	0.4%
32.1%	53.9	54.2	0.3	0.6%
33.3%	53.8	54.2	0.4	0.7%
34.6%	53.8	53.9	0.1	0.2%
35.8%	53.8	53.9	0.1	0.2%
37.0%	53.8	53.9	0.1	0.2%
38.3%	53.8	53.8	0.0	0.0%
39.5%	53.7	53.8	0.1	0.2%
40.7%	53.7	53.8	0.1	0.2%
42.0%	53.7	53.8	0.1	0.2%
43.2%	53.7	53.8	0.1	0.2%
44.4%	53.6	53.8	0.2	0.4%
45.7%	53.6	53.7	0.1	0.2%
46.9%	53.6	53.7	0.1	0.2%
48.1%	53.5	53.7	0.2	0.4%
49.4%	53.5	53.7	0.2	0.4%
50.6%	53.5	53.7	0.2	0.4%
51.9%	53.5	53.6	0.1	0.2%
53.1%	53.4	53.5	0.1	0.2%
54.3%	53.4	53.5	0.1	0.2%
55.6%	53.4	53.5	0.1	0.2%
56.8%	53.4	53.4	0.0	0.0%
58.0%	53.4	53.4	0.0	0.0%
59.3%	53.4	53.4	0.0	0.0%
60.5%	53.4	53.4	0.0	0.0%
61.7%	53.4	53.4	0.0	0.0%
63.0%	53.4	53.4	0.0	0.0%
64.2%	53.3	53.4	0.1	0.2%
65.4%	53.3	53.3	0.0	0.0%
66.7%	53.3	53.3	0.0	0.0%
67.9%	53.3	53.3	0.0	0.0%
69.1%	53.2	53.3	0.1	0.2%
70.4%	53.2	53.3	0.1	0.2%
71.6%	53.2	53.2	0.0	0.0%
72.8%	53.1	53.2	0.1	0.2%
74.1%	53.1	53.2	0.1	0.2%
75.3%	53.1	53.2	0.1	0.2%
76.5%	53.1	53.1	0.0	0.0%
77.8%	53.1	53.1	0.0	0.0%
79.0%	53.1	53.1	0.0	0.0%
80.2%	53.1	53.1	0.0	0.0%
81.5%	53.1	53.1	0.0	0.0%
82.7%	53.1	53.1	0.0	0.0%
84.0%	53.0	53.1	0.1	0.2%
85.2%	53.0	53.0	0.0	0.0%
86.4%	53.0	53.0	0.0	0.0%
87.7%	52.9	52.9	0.0	0.0%
88.9%	52.9	52.9	0.0	0.0%
90.1%	52.9	52.9	0.0	0.0%
91.4%	52.8	52.8	0.0	0.0%
92.6%	52.8	52.8	0.0	0.0%
93.8%	52.8	52.8	0.0	0.0%
95.1%	52.8	52.8	0.0	0.0%
96.3%	52.8	52.8	0.0	0.0%
97.5%	52.8	52.8	0.0	0.0%
98.8%	52.6	52.6	0.0	0.0%
100.0%	52.6	52.6	0.0	0.0%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	58.4	59.4	1.0	1.7%
1.2%	58.0	57.0	-1.0	-1.7%
2.5%	56.8	56.4	-0.4	-0.7%
3.7%	56.8	55.1	-1.7	-3.0%
4.9%	55.9	54.8	-1.1	-2.0%
6.2%	55.3	54.1	-1.2	-2.2%
7.4%	54.3	53.9	-0.4	-0.7%
8.6%	53.7	53.5	-0.2	-0.4%
9.9%	53.6	53.4	-0.2	-0.4%
11.1%	53.4	53.3	-0.1	-0.2%
12.3%	53.3	53.1	-0.2	-0.4%
13.6%	53.1	53.0	-0.1	-0.2%
14.8%	53.0	52.9	-0.1	-0.2%
16.0%	52.9	52.9	0.0	0.0%
17.3%	52.9	52.8	-0.1	-0.2%
18.5%	52.9	52.8	-0.1	-0.2%
19.8%	52.8	52.7	-0.1	-0.2%
21.0%	52.7	52.7	0.0	0.0%
22.2%	52.7	52.7	0.0	0.0%
23.5%	52.7	52.6	-0.1	-0.2%
24.7%	52.7	52.6	-0.1	-0.2%
25.9%	52.6	52.6	0.0	0.0%
27.2%	52.6	52.6	0.0	0.0%
28.4%	52.6	52.6	0.0	0.0%
29.6%	52.6	52.6	0.0	0.0%
30.9%	52.5	52.6	0.1	0.2%
32.1%	52.5	52.5	0.0	0.0%
33.3%	52.5	52.5	0.0	0.0%
34.6%	52.4	52.5	0.1	0.2%
35.8%	52.4	52.5	0.1	0.2%
37.0%	52.4	52.4	0.0	0.0%
38.3%	52.4	52.4	0.0	0.0%
39.5%	52.4	52.4	0.0	0.0%
40.7%	52.4	52.4	0.0	0.0%
42.0%	52.3	52.4	0.1	0.2%
43.2%	52.3	52.3	0.0	0.0%
44.4%	52.3	52.3	0.0	0.0%
45.7%	52.2	52.3	0.1	0.2%
46.9%	52.2	52.2	0.0	0.0%
48.1%	52.2	52.2	0.0	0.0%
49.4%	52.2	52.2	0.0	0.0%
50.6%	52.2	52.2	0.0	0.0%
51.9%	52.1	52.1	0.0	0.0%
53.1%	52.1	52.1	0.0	0.0%
54.3%	52.1	52.1	0.0	0.0%
55.6%	52.1	52.1	0.0	0.0%
56.8%	52.1	52.1	0.0	0.0%
58.0%	52.1	52.1	0.0	0.0%
59.3%	52.1	52.1	0.0	0.0%
60.5%	52.1	52.1	0.0	0.0%
61.7%	52.1	52.1	0.0	0.0%
63.0%	52.1	52.0	-0.1	-0.2%
64.2%	52.1	52.0	-0.1	-0.2%
65.4%	52.0	52.0	0.0	0.0%
66.7%	52.0	52.0	0.0	0.0%
67.9%	52.0	52.0	0.0	0.0%
69.1%	52.0	52.0	0.0	0.0%
70.4%	52.0	52.0	0.0	0.0%
71.6%	52.0	52.0	0.0	0.0%
72.8%	52.0	52.0	0.0	0.0%
74.1%	51.9	51.9	0.0	0.0%
75.3%	51.9	51.9	0.0	0.0%
76.5%	51.9	51.9	0.0	0.0%
77.8%	51.9	51.9	0.0	0.0%
79.0%	51.9	51.9	0.0	0.0%
80.2%	51.9	51.9	0.0	0.0%
81.5%	51.9	51.9	0.0	0.0%
82.7%	51.9	51.9	0.0	0.0%
84.0%	51.9	51.8	-0.1	-0.2%
85.2%	51.8	51.8	0.0	0.0%
86.4%	51.8	51.8	0.0	0.0%
87.7%	51.8	51.8	0.0	0.0%
88.9%	51.8	51.8	0.0	0.0%
90.1%	51.7	51.7	0.0	0.0%
91.4%	51.7	51.7	0.0	0.0%
92.6%	51.7	51.7	0.0	0.0%
93.8%	51.7	51.6	-0.1	-0.2%
95.1%	51.6	51.5	-0.1	-0.2%
96.3%	51.4	51.4	0.0	0.0%
97.5%	51.3	51.4	0.1	0.2%
98.8%	50.6	50.6	0.0	0.0%
100.0%	50.6	50.6	0.0	0.0%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	52.2	52.0	-0.2	-0.4%
1.2%	52.1	51.9	-0.2	-0.4%
2.5%	51.9	51.8	-0.1	-0.2%
3.7%	51.8	51.6	-0.2	-0.4%
4.9%	51.8	51.6	-0.2	-0.4%
6.2%	51.5	51.4	-0.1	-0.2%
7.4%	51.2	51.4	0.2	0.4%
8.6%	51.1	51.2	0.1	0.2%
9.9%	51.0	51.0	0.0	0.0%
11.1%	51.0	50.5	-0.5	-1.0%
12.3%	50.6	50.1	-0.5	-1.0%
13.6%	50.3	50.0	-0.3	-0.6%
14.8%	50.1	50.0	-0.1	-0.2%
16.0%	49.9	49.9	0.0	0.0%
17.3%	49.9	49.8	-0.1	-0.2%
18.5%	49.8	49.8	0.0	0.0%
19.8%	49.7	49.6	-0.1	-0.2%
21.0%	49.7	49.4	-0.3	-0.6%
22.2%	49.6	49.3	-0.3	-0.6%
23.5%	49.5	49.3	-0.2	-0.4%
24.7%	49.5	49.3	-0.2	-0.4%
25.9%	49.4	49.2	-0.2	-0.4%
27.2%	49.3	49.2	-0.1	-0.2%
28.4%	49.2	49.1	-0.1	-0.2%
29.6%	49.1	49.1	0.0	0.0%
30.9%	49.1	49.0	-0.1	-0.2%
32.1%	49.1	49.0	-0.1	-0.2%
33.3%	49.0	49.0	0.0	0.0%
34.6%	49.0	49.0	0.0	0.0%
35.8%	49.0	49.0	0.0	0.0%
37.0%	48.9	48.9	0.0	0.0%
38.3%	48.9	48.9	0.0	0.0%
39.5%	48.8	48.8	0.0	0.0%
40.7%	48.8	48.8	0.0	0.0%
42.0%	48.8	48.8	0.0	0.0%
43.2%	48.8	48.7	-0.1	-0.2%
44.4%	48.8	48.7	-0.1	-0.2%
45.7%	48.8	48.7	-0.1	-0.2%
46.9%	48.8	48.6	-0.2	-0.4%
48.1%	48.8	48.6	-0.2	-0.4%
49.4%	48.7	48.6	-0.1	-0.2%
50.6%	48.7	48.6	-0.1	-0.2%
51.9%	48.7	48.6	-0.1	-0.2%
53.1%	48.7	48.6	-0.1	-0.2%
54.3%	48.7	48.5	-0.2	-0.4%
55.6%	48.6	48.5	-0.1	-0.2%
56.8%	48.6	48.5	-0.1	-0.2%
58.0%	48.6	48.4	-0.2	-0.4%
59.3%	48.6	48.3	-0.3	-0.6%
60.5%	48.5	48.3	-0.2	-0.4%
61.7%	48.5	48.3	-0.2	-0.4%
63.0%	48.5	48.2	-0.3	-0.6%
64.2%	48.5	48.2	-0.3	-0.6%
65.4%	48.5	48.2	-0.3	-0.6%
66.7%	48.4	48.1	-0.3	-0.6%
67.9%	48.4	48.1	-0.3	-0.6%
69.1%	48.4	48.1	-0.3	-0.6%
70.4%	48.3	48.1	-0.2	-0.4%
71.6%	48.3	48.0	-0.3	-0.6%
72.8%	48.3	48.0	-0.3	-0.6%
74.1%	48.2	48.0	-0.2	-0.4%
75.3%	48.2	48.0	-0.2	-0.4%
76.5%	48.2	48.0	-0.2	-0.4%
77.8%	48.1	47.9	-0.2	-0.4%
79.0%	48.1	47.9	-0.2	-0.4%
80.2%	48.0	47.8	-0.2	-0.4%
81.5%	48.0	47.8	-0.2	-0.4%
82.7%	48.0	47.7	-0.3	-0.6%
84.0%	47.8	47.7	-0.1	-0.2%
85.2%	47.8	47.6	-0.2	-0.4%
86.4%	47.7	47.6	-0.1	-0.2%
87.7%	47.6	47.5	-0.1	-0.2%
88.9%	47.6	47.4	-0.2	-0.4%
90.1%	47.5	47.3	-0.2	-0.4%
91.4%	47.5	47.1	-0.4	-0.8%
92.6%	47.1	46.9	-0.2	-0.4%
93.8%	46.9	46.9	0.0	0.0%
95.1%	46.7	46.7	0.0	0.0%
96.3%	46.5	46.5	0.0	0.0%
97.5%	45.9	45.9	0.0	0.0%
98.8%	45.6	45.6	0.0	0.0%
100.0%	45.6	45.6	0.0	0.0%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.1	50.9	0.8	1.6%
1.2%	50.1	50.2	0.1	0.2%
2.5%	50.0	50.1	0.1	0.2%
3.7%	49.8	49.9	0.1	0.2%
4.9%	49.7	49.6	-0.1	-0.2%
6.2%	49.5	49.5	0.0	0.0%
7.4%	49.4	49.4	0.0	0.0%
8.6%	49.3	49.3	0.0	0.0%
9.9%	49.2	49.3	0.1	0.2%
11.1%	49.1	49.1	0.0	0.0%
12.3%	49.0	49.1	0.1	0.2%
13.6%	49.0	49.0	0.0	0.0%
14.8%	48.9	48.9	0.0	0.0%
16.0%	48.8	48.8	0.0	0.0%
17.3%	48.8	48.8	0.0	0.0%
18.5%	48.8	48.6	-0.2	-0.4%
19.8%	48.7	48.6	-0.1	-0.2%
21.0%	48.7	48.6	-0.1	-0.2%
22.2%	48.6	48.6	0.0	0.0%
23.5%	48.5	48.5	0.0	0.0%
24.7%	48.5	48.3	-0.2	-0.4%
25.9%	48.4	48.2	-0.2	-0.4%
27.2%	48.3	48.1	-0.2	-0.4%
28.4%	48.2	48.1	-0.1	-0.2%
29.6%	48.2	48.1	-0.1	-0.2%
30.9%	48.1	48.1	0.0	0.0%
32.1%	48.1	48.0	-0.1	-0.2%
33.3%	48.1	48.0	-0.1	-0.2%
34.6%	48.0	48.0	0.0	0.0%
35.8%	48.0	48.0	0.0	0.0%
37.0%	47.9	47.9	0.0	0.0%
38.3%	47.9	47.9	0.0	0.0%
39.5%	47.8	47.8	0.0	0.0%
40.7%	47.8	47.7	-0.1	-0.2%
42.0%	47.7	47.7	0.0	0.0%
43.2%	47.7	47.7	0.0	0.0%
44.4%	47.7	47.6	-0.1	-0.2%
45.7%	47.6	47.6	0.0	0.0%
46.9%	47.6	47.4	-0.2	-0.4%
48.1%	47.6	47.4	-0.2	-0.4%
49.4%	47.5	47.4	-0.1	-0.2%
50.6%	47.5	47.4	-0.1	-0.2%
51.9%	47.4	47.4	0.0	0.0%
53.1%	47.4	47.4	0.0	0.0%
54.3%	47.4	47.4	0.0	0.0%
55.6%	47.3	47.3	0.0	0.0%
56.8%	47.3	47.3	0.0	0.0%
58.0%	47.2	47.3	0.1	0.2%
59.3%	47.2	47.2	0.0	0.0%
60.5%	47.1	47.1	0.0	0.0%
61.7%	47.0	47.1	0.1	0.2%
63.0%	47.0	47.0	0.0	0.0%
64.2%	47.0	47.0	0.0	0.0%
65.4%	47.0	47.0	0.0	0.0%
66.7%	46.9	46.9	0.0	0.0%
67.9%	46.9	46.9	0.0	0.0%
69.1%	46.8	46.9	0.1	0.2%
70.4%	46.8	46.9	0.1	0.2%
71.6%	46.8	46.9	0.1	0.2%
72.8%	46.8	46.8	0.0	0.0%
74.1%	46.8	46.8	0.0	0.0%
75.3%	46.8	46.8	0.0	0.0%
76.5%	46.7	46.8	0.1	0.2%
77.8%	46.7	46.7	0.0	0.0%
79.0%	46.7	46.6	-0.1	-0.2%
80.2%	46.7	46.5	-0.2	-0.4%
81.5%	46.6	46.5	-0.1	-0.2%
82.7%	46.5	46.5	0.0	0.0%
84.0%	46.5	46.5	0.0	0.0%
85.2%	46.4	46.4	0.0	0.0%
86.4%	46.4	46.4	0.0	0.0%
87.7%	46.3	46.3	0.0	0.0%
88.9%	46.2	46.3	0.1	0.2%
90.1%	46.2	46.2	0.0	0.0%
91.4%	46.1	46.2	0.1	0.2%
92.6%	45.9	46.0	0.1	0.2%
93.8%	45.5	45.9	0.4	0.9%
95.1%	45.3	45.1	-0.2	-0.4%
96.3%	44.9	45.1	0.2	0.4%
97.5%	44.9	44.9	0.0	0.0%
98.8%	43.7	43.7	0.0	0.0%
100.0%	43.7	43.7	0.0	0.0%

Table SQ-15-9b

Feather River below Fish Barrier Dam, Monthly Temperature
Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	51.8	51.8	0.0	0.0%
1.2%	51.3	51.0	-0.3	-0.6%
2.5%	50.8	50.7	-0.1	-0.2%
3.7%	50.6	50.5	-0.1	-0.2%
4.9%	50.5	50.5	0.0	0.0%
6.2%	50.5	50.4	-0.1	-0.2%
7.4%	50.4	50.2	-0.2	-0.4%
8.6%	50.3	50.1	-0.2	-0.4%
9.9%	50.1	50.0	-0.1	-0.2%
11.1%	50.1	50.0	-0.1	-0.2%
12.3%	50.0	50.0	0.0	0.0%
13.6%	50.0	50.0	0.0	0.0%
14.8%	49.9	50.0	0.1	0.2%
16.0%	49.9	49.9	0.0	0.0%
17.3%	49.9	49.9	0.0	0.0%
18.5%	49.8	49.9	0.1	0.2%
19.8%	49.7	49.9	0.2	0.4%
21.0%	49.7	49.8	0.1	0.2%
22.2%	49.6	49.7	0.1	0.2%
23.5%	49.5	49.6	0.1	0.2%
24.7%	49.4	49.5	0.1	0.2%
25.9%	49.3	49.5	0.2	0.4%
27.2%	49.3	49.4	0.1	0.2%
28.4%	49.3	49.3	0.0	0.0%
29.6%	49.2	49.3	0.1	0.2%
30.9%	49.2	49.2	0.0	0.0%
32.1%	49.2	49.2	0.0	0.0%
33.3%	49.2	49.2	0.0	0.0%
34.6%	49.0	49.1	0.1	0.2%
35.8%	49.0	49.0	0.0	0.0%
37.0%	48.9	48.9	0.0	0.0%
38.3%	48.8	48.9	0.1	0.2%
39.5%	48.7	48.7	0.0	0.0%
40.7%	48.7	48.7	0.0	0.0%
42.0%	48.7	48.6	-0.1	-0.2%
43.2%	48.7	48.6	-0.1	-0.2%
44.4%	48.6	48.5	-0.1	-0.2%
45.7%	48.6	48.5	-0.1	-0.2%
46.9%	48.5	48.5	0.0	0.0%
48.1%	48.5	48.5	0.0	0.0%
49.4%	48.4	48.4	0.0	0.0%
50.6%	48.4	48.4	0.0	0.0%
51.9%	48.3	48.3	0.0	0.0%
53.1%	48.3	48.2	-0.1	-0.2%
54.3%	48.2	48.2	0.0	0.0%
55.6%	48.1	48.1	0.0	0.0%
56.8%	48.0	48.1	0.1	0.2%
58.0%	47.9	47.9	0.0	0.0%
59.3%	47.9	47.9	0.0	0.0%
60.5%	47.9	47.9	0.0	0.0%
61.7%	47.9	47.8	-0.1	-0.2%
63.0%	47.9	47.8	-0.1	-0.2%
64.2%	47.8	47.8	0.0	0.0%
65.4%	47.7	47.7	0.0	0.0%
66.7%	47.6	47.7	0.1	0.2%
67.9%	47.6	47.7	0.1	0.2%
69.1%	47.5	47.5	0.0	0.0%
70.4%	47.5	47.5	0.0	0.0%
71.6%	47.4	47.5	0.1	0.2%
72.8%	47.4	47.4	0.0	0.0%
74.1%	47.3	47.3	0.0	0.0%
75.3%	47.3	47.3	0.0	0.0%
76.5%	47.2	47.2	0.0	0.0%
77.8%	47.2	47.2	0.0	0.0%
79.0%	47.2	47.1	-0.1	-0.2%
80.2%	47.1	47.1	0.0	0.0%
81.5%	47.1	47.0	-0.1	-0.2%
82.7%	47.0	47.0	0.0	0.0%
84.0%	47.0	46.9	-0.1	-0.2%
85.2%	47.0	46.9	-0.1	-0.2%
86.4%	46.9	46.9	0.0	0.0%
87.7%	46.9	46.7	-0.2	-0.4%
88.9%	46.6	46.6	0.0	0.0%
90.1%	46.5	46.5	0.0	0.0%
91.4%	46.4	46.4	0.0	0.0%
92.6%	46.3	46.4	0.1	0.2%
93.8%	46.3	46.3	0.0	0.0%
95.1%	46.3	46.3	0.0	0.0%
96.3%	46.2	46.2	0.0	0.0%
97.5%	46.1	46.1	0.0	0.0%
98.8%	46.1	46.1	0.0	0.0%
100.0%	46.1	46.1	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	55.6	55.6	0.0	0.0%
1.2%	53.4	54.4	1.0	1.9%
2.5%	53.3	53.4	0.1	0.2%
3.7%	53.3	53.3	0.0	0.0%
4.9%	53.2	53.3	0.1	0.2%
6.2%	53.2	53.2	0.0	0.0%
7.4%	52.9	52.9	0.0	0.0%
8.6%	52.8	52.7	-0.1	-0.2%
9.9%	52.4	52.4	0.0	0.0%
11.1%	52.2	52.3	0.1	0.2%
12.3%	51.9	52.3	0.4	0.8%
13.6%	51.8	51.9	0.1	0.2%
14.8%	51.5	51.7	0.2	0.4%
16.0%	51.5	51.7	0.2	0.4%
17.3%	51.4	51.5	0.1	0.2%
18.5%	51.4	51.4	0.0	0.0%
19.8%	51.3	51.3	0.0	0.0%
21.0%	51.3	51.2	-0.1	-0.2%
22.2%	51.2	51.2	0.0	0.0%
23.5%	51.1	51.0	-0.1	-0.2%
24.7%	50.9	50.8	-0.1	-0.2%
25.9%	50.9	50.8	-0.1	-0.2%
27.2%	50.7	50.6	-0.1	-0.2%
28.4%	50.7	50.6	-0.1	-0.2%
29.6%	50.5	50.5	0.0	0.0%
30.9%	50.5	50.3	-0.2	-0.4%
32.1%	50.4	50.3	-0.1	-0.2%
33.3%	50.3	50.3	0.0	0.0%
34.6%	50.3	50.3	0.0	0.0%
35.8%	50.3	50.3	0.0	0.0%
37.0%	50.2	49.9	-0.3	-0.6%
38.3%	50.0	49.9	-0.1	-0.2%
39.5%	50.0	49.9	-0.1	-0.2%
40.7%	49.9	49.9	0.0	0.0%
42.0%	49.9	49.8	-0.1	-0.2%
43.2%	49.9	49.7	-0.2	-0.4%
44.4%	49.8	49.7	-0.1	-0.2%
45.7%	49.7	49.7	0.0	0.0%
46.9%	49.7	49.7	0.0	0.0%
48.1%	49.6	49.6	0.0	0.0%
49.4%	49.5	49.6	0.1	0.2%
50.6%	49.5	49.5	0.0	0.0%
51.9%	49.4	49.4	0.0	0.0%
53.1%	49.3	49.4	0.1	0.2%
54.3%	49.3	49.4	0.1	0.2%
55.6%	49.3	49.2	-0.1	-0.2%
56.8%	49.2	49.2	0.0	0.0%
58.0%	49.2	49.2	0.0	0.0%
59.3%	49.1	49.1	0.0	0.0%
60.5%	49.1	49.0	-0.1	-0.2%
61.7%	49.1	49.0	-0.1	-0.2%
63.0%	49.1	48.9	-0.2	-0.4%
64.2%	49.0	48.9	-0.1	-0.2%
65.4%	48.9	48.8	-0.1	-0.2%
66.7%	48.8	48.7	-0.1	-0.2%
67.9%	48.8	48.7	-0.1	-0.2%
69.1%	48.7	48.7	0.0	0.0%
70.4%	48.6	48.6	0.0	0.0%
71.6%	48.6	48.6	0.0	0.0%
72.8%	48.6	48.6	0.0	0.0%
74.1%	48.6	48.6	0.0	0.0%
75.3%	48.5	48.5	0.0	0.0%
76.5%	48.4	48.5	0.1	0.2%
77.8%	48.3	48.5	0.2	0.4%
79.0%	48.3	48.5	0.2	0.4%
80.2%	48.3	48.3	0.0	0.0%
81.5%	48.3	48.3	0.0	0.0%
82.7%	48.2	48.3	0.1	0.2%
84.0%	48.1	48.2	0.1	0.2%
85.2%	48.1	48.1	0.0	0.0%
86.4%	48.0	48.0	0.0	0.0%
87.7%	47.9	47.9	0.0	0.0%
88.9%	47.9	47.9	0.0	0.0%
90.1%	47.9	47.9	0.0	0.0%
91.4%	47.8	47.8	0.0	0.0%
92.6%	47.8	47.8	0.0	0.0%
93.8%	47.7	47.7	0.0	0.0%
95.1%	47.7	47.7	0.0	0.0%
96.3%	47.6	47.6	0.0	0.0%
97.5%	47.6	47.6	0.0	0.0%
98.8%	47.3	47.3	0.0	0.0%
100.0%	47.3	47.3	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.3	54.3	0.0	0.0%
1.2%	53.9	53.9	0.0	0.0%
2.5%	53.8	53.8	0.0	0.0%
3.7%	53.0	52.9	-0.1	-0.2%
4.9%	52.9	52.8	-0.1	-0.2%
6.2%	52.8	52.8	0.0	0.0%
7.4%	52.8	52.7	-0.1	-0.2%
8.6%	52.8	52.6	-0.2	-0.4%
9.9%	52.5	52.5	0.0	0.0%
11.1%	52.5	52.5	0.0	0.0%
12.3%	52.3	52.5	0.2	0.4%
13.6%	52.2	52.3	0.1	0.2%
14.8%	52.2	52.2	0.0	0.0%
16.0%	52.2	52.2	0.0	0.0%
17.3%	52.1	52.2	0.1	0.2%
18.5%	52.1	52.1	0.0	0.0%
19.8%	52.0	52.1	0.1	0.2%
21.0%	52.0	52.1	0.1	0.2%
22.2%	52.0	52.0	0.0	0.0%
23.5%	51.9	52.0	0.1	0.2%
24.7%	51.9	52.0	0.1	0.2%
25.9%	51.8	52.0	0.2	0.4%
27.2%	51.8	51.9	0.1	0.2%
28.4%	51.8	51.9	0.1	0.2%
29.6%	51.8	51.9	0.1	0.2%
30.9%	51.8	51.8	0.0	0.0%
32.1%	51.8	51.8	0.0	0.0%
33.3%	51.7	51.8	0.1	0.2%
34.6%	51.7	51.8	0.1	0.2%
35.8%	51.7	51.7	0.0	0.0%
37.0%	51.7	51.7	0.0	0.0%
38.3%	51.7	51.7	0.0	0.0%
39.5%	51.6	51.7	0.1	0.2%
40.7%	51.6	51.7	0.1	0.2%
42.0%	51.6	51.6	0.0	0.0%
43.2%	51.6	51.6	0.0	0.0%
44.4%	51.5	51.6	0.1	0.2%
45.7%	51.5	51.5	0.0	0.0%
46.9%	51.5	51.5	0.0	0.0%
48.1%	51.5	51.5	0.0	0.0%
49.4%	51.4	51.5	0.1	0.2%
50.6%	51.4	51.4	0.0	0.0%
51.9%	51.4	51.4	0.0	0.0%
53.1%	51.3	51.4	0.1	0.2%
54.3%	51.3	51.4	0.1	0.2%
55.6%	51.2	51.3	0.1	0.2%
56.8%	51.2	51.3	0.1	0.2%
58.0%	51.2	51.3	0.1	0.2%
59.3%	51.1	51.2	0.1	0.2%
60.5%	51.1	51.2	0.1	0.2%
61.7%	51.0	51.1	0.1	0.2%
63.0%	51.0	51.0	0.0	0.0%
64.2%	51.0	51.0	0.0	0.0%
65.4%	50.9	51.0	0.1	0.2%
66.7%	50.9	51.0	0.1	0.2%
67.9%	50.9	50.9	0.0	0.0%
69.1%	50.9	50.9	0.0	0.0%
70.4%	50.8	50.9	0.1	0.2%
71.6%	50.8	50.8	0.0	0.0%
72.8%	50.7	50.7	0.0	0.0%
74.1%	50.7	50.7	0.0	0.0%
75.3%	50.6	50.6	0.0	0.0%
76.5%	50.6	50.6	0.0	0.0%
77.8%	50.6	50.6	0.0	0.0%
79.0%	50.5	50.5	0.0	0.0%
80.2%	50.4	50.4	0.0	0.0%
81.5%	50.4	50.4	0.0	0.0%
82.7%	50.3	50.3	0.0	0.0%
84.0%	50.2	50.2	0.0	0.0%
85.2%	50.2	50.2	0.0	0.0%
86.4%	50.2	50.2	0.0	0.0%
87.7%	50.2	50.2	0.0	0.0%
88.9%	50.0	50.0	0.0	0.0%
90.1%	50.0	50.0	0.0	0.0%
91.4%	49.9	49.9	0.0	0.0%
92.6%	49.8	49.8	0.0	0.0%
93.8%	49.8	49.8	0.0	0.0%
95.1%	49.8	49.8	0.0	0.0%
96.3%	49.7	49.7	0.0	0.0%
97.5%	49.6	49.6	0.0	0.0%
98.8%	49.6	49.6	0.0	0.0%
100.0%	49.6	49.6	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	57.1	57.0	-0.1	-0.2%
1.2%	57.0	57.0	0.0	0.0%
2.5%	56.7	56.9	0.2	0.4%
3.7%	56.7	56.9	0.2	0.4%
4.9%	56.7	56.7	0.0	0.0%
6.2%	56.6	56.6	0.0	0.0%
7.4%	56.6	56.6	0.0	0.0%
8.6%	56.6	56.6	0.0	0.0%
9.9%	56.4	56.5	0.1	0.2%
11.1%	56.4	56.4	0.0	0.0%
12.3%	56.4	56.4	0.0	0.0%
13.6%	56.4	56.4	0.0	0.0%
14.8%	56.4	56.4	0.0	0.0%
16.0%	56.4	56.4	0.0	0.0%
17.3%	56.3	56.3	0.0	0.0%
18.5%	56.3	56.3	0.0	0.0%
19.8%	56.2	56.3	0.1	0.2%
21.0%	56.2	56.2	0.0	0.0%
22.2%	56.2	56.2	0.0	0.0%
23.5%	56.1	56.2	0.1	0.2%
24.7%	56.1	56.1	0.0	0.0%
25.9%	56.1	56.1	0.0	0.0%
27.2%	56.1	56.1	0.0	0.0%
28.4%	56.1	56.1	0.0	0.0%
29.6%	56.1	56.1	0.0	0.0%
30.9%	56.1	56.1	0.0	0.0%
32.1%	56.0	56.1	0.1	0.2%
33.3%	56.0	56.0	0.0	0.0%
34.6%	55.9	56.0	0.1	0.2%
35.8%	55.9	55.9	0.0	0.0%
37.0%	55.9	55.9	0.0	0.0%
38.3%	55.8	55.9	0.1	0.2%
39.5%	55.8	55.9	0.1	0.2%
40.7%	55.8	55.8	0.0	0.0%
42.0%	55.8	55.8	0.0	0.0%
43.2%	55.7	55.8	0.1	0.2%
44.4%	55.7	55.8	0.1	0.2%
45.7%	55.7	55.7	0.0	0.0%
46.9%	55.7	55.7	0.0	0.0%
48.1%	55.7	55.7	0.0	0.0%
49.4%	55.6	55.7	0.1	0.2%
50.6%	55.6	55.7	0.1	0.2%
51.9%	55.6	55.6	0.0	0.0%
53.1%	55.6	55.6	0.0	0.0%
54.3%	55.6	55.6	0.0	0.0%
55.6%	55.6	55.6	0.0	0.0%
56.8%	55.6	55.6	0.0	0.0%
58.0%	55.5	55.6	0.1	0.2%
59.3%	55.5	55.5	0.0	0.0%
60.5%	55.4	55.5	0.1	0.2%
61.7%	55.4	55.4	0.0	0.0%
63.0%	55.4	55.4	0.0	0.0%
64.2%	55.3	55.2	-0.1	-0.2%
65.4%	55.2	55.2	0.0	0.0%
66.7%	55.2	55.2	0.0	0.0%
67.9%	55.2	55.2	0.0	0.0%
69.1%	55.1	55.1	0.0	0.0%
70.4%	55.1	55.1	0.0	0.0%
71.6%	55.0	55.1	0.1	0.2%
72.8%	54.8	54.8	0.0	0.0%
74.1%	54.7	54.8	0.1	0.2%
75.3%	54.7	54.7	0.0	0.0%
76.5%	54.6	54.6	0.0	0.0%
77.8%	54.6	54.6	0.0	0.0%
79.0%	54.5	54.5	0.0	0.0%
80.2%	54.5	54.5	0.0	0.0%
81.5%	54.5	54.5	0.0	0.0%
82.7%	54.4	54.4	0.0	0.0%
84.0%	54.4	54.4	0.0	0.0%
85.2%	54.4	54.4	0.0	0.0%
86.4%	54.3	54.3	0.0	0.0%
87.7%	54.3	54.3	0.0	0.0%
88.9%	54.3	54.3	0.0	0.0%
90.1%	54.2	54.2	0.0	0.0%
91.4%	54.2	54.2	0.0	0.0%
92.6%	54.1	54.1	0.0	0.0%
93.8%	54.0	54.0	0.0	0.0%
95.1%	54.0	54.0	0.0	0.0%
96.3%	54.0	54.0	0.0	0.0%
97.5%	54.0	54.0	0.0	0.0%
98.8%	53.6	53.6	0.0	0.0%
100.0%	53.6	53.6	0.0	0.0%

Table SQ-15-9b

Feather River below Fish Barrier Dam, Monthly Temperature

Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.0	59.2	0.2	0.3%
1.2%	58.7	59.0	0.3	0.5%
2.5%	58.5	58.7	0.2	0.3%
3.7%	58.5	58.6	0.1	0.2%
4.9%	58.4	58.5	0.1	0.2%
6.2%	58.3	58.4	0.1	0.2%
7.4%	58.3	58.4	0.1	0.2%
8.6%	58.2	58.4	0.2	0.3%
9.9%	58.2	58.3	0.1	0.2%
11.1%	58.2	58.3	0.1	0.2%
12.3%	58.1	58.3	0.2	0.3%
13.6%	58.1	58.2	0.1	0.2%
14.8%	58.1	58.2	0.1	0.2%
16.0%	58.1	58.2	0.1	0.2%
17.3%	58.1	58.2	0.1	0.2%
18.5%	58.1	58.2	0.1	0.2%
19.8%	58.1	58.1	0.0	0.0%
21.0%	58.1	58.1	0.0	0.0%
22.2%	58.1	58.1	0.0	0.0%
23.5%	58.1	58.1	0.0	0.0%
24.7%	58.1	58.0	-0.1	-0.2%
25.9%	58.0	58.0	0.0	0.0%
27.2%	58.0	58.0	0.0	0.0%
28.4%	58.0	58.0	0.0	0.0%
29.6%	58.0	58.0	0.0	0.0%
30.9%	57.9	58.0	0.1	0.2%
32.1%	57.9	57.9	0.0	0.0%
33.3%	57.9	57.9	0.0	0.0%
34.6%	57.8	57.9	0.1	0.2%
35.8%	57.8	57.9	0.1	0.2%
37.0%	57.8	57.9	0.1	0.2%
38.3%	57.8	57.8	0.0	0.0%
39.5%	57.7	57.7	0.0	0.0%
40.7%	57.7	57.7	0.0	0.0%
42.0%	57.7	57.7	0.0	0.0%
43.2%	57.7	57.7	0.0	0.0%
44.4%	57.6	57.7	0.1	0.2%
45.7%	57.6	57.7	0.1	0.2%
46.9%	57.6	57.7	0.1	0.2%
48.1%	57.6	57.6	0.0	0.0%
49.4%	57.6	57.6	0.0	0.0%
50.6%	57.6	57.6	0.0	0.0%
51.9%	57.6	57.6	0.0	0.0%
53.1%	57.5	57.6	0.1	0.2%
54.3%	57.5	57.6	0.1	0.2%
55.6%	57.5	57.6	0.1	0.2%
56.8%	57.5	57.5	0.0	0.0%
58.0%	57.5	57.5	0.0	0.0%
59.3%	57.5	57.5	0.0	0.0%
60.5%	57.5	57.5	0.0	0.0%
61.7%	57.5	57.4	-0.1	-0.2%
63.0%	57.4	57.4	0.0	0.0%
64.2%	57.4	57.4	0.0	0.0%
65.4%	57.4	57.4	0.0	0.0%
66.7%	57.4	57.4	0.0	0.0%
67.9%	57.4	57.4	0.0	0.0%
69.1%	57.4	57.3	-0.1	-0.2%
70.4%	57.4	57.3	-0.1	-0.2%
71.6%	57.4	57.3	-0.1	-0.2%
72.8%	57.3	57.3	0.0	0.0%
74.1%	57.3	57.3	0.0	0.0%
75.3%	57.2	57.3	0.1	0.2%
76.5%	57.2	57.2	0.0	0.0%
77.8%	57.1	57.2	0.1	0.2%
79.0%	57.1	57.2	0.1	0.2%
80.2%	57.1	57.1	0.0	0.0%
81.5%	57.1	57.1	0.0	0.0%
82.7%	57.1	57.1	0.0	0.0%
84.0%	57.1	57.1	0.0	0.0%
85.2%	57.1	57.1	0.0	0.0%
86.4%	57.0	57.0	0.0	0.0%
87.7%	57.0	57.0	0.0	0.0%
88.9%	56.9	56.9	0.0	0.0%
90.1%	56.9	56.9	0.0	0.0%
91.4%	56.9	56.9	0.0	0.0%
92.6%	56.7	56.7	0.0	0.0%
93.8%	56.7	56.7	0.0	0.0%
95.1%	56.5	56.5	0.0	0.0%
96.3%	56.3	56.3	0.0	0.0%
97.5%	56.3	56.3	0.0	0.0%
98.8%	56.1	56.1	0.0	0.0%
100.0%	56.1	56.1	0.0	0.0%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	64.7	62.2	-2.5	-3.9%
1.2%	63.1	62.1	-1.0	-1.6%
2.5%	62.8	62.0	-0.8	-1.3%
3.7%	62.4	61.9	-0.5	-0.8%
4.9%	62.3	61.9	-0.4	-0.6%
6.2%	62.1	61.7	-0.4	-0.6%
7.4%	61.9	61.5	-0.4	-0.6%
8.6%	61.9	61.3	-0.6	-1.0%
9.9%	61.6	61.3	-0.3	-0.5%
11.1%	61.5	61.3	-0.2	-0.3%
12.3%	61.5	61.3	-0.2	-0.3%
13.6%	61.4	61.3	-0.1	-0.2%
14.8%	61.3	61.2	-0.1	-0.2%
16.0%	61.3	61.2	-0.1	-0.2%
17.3%	61.3	61.2	-0.1	-0.2%
18.5%	61.2	61.2	0.0	0.0%
19.8%	61.2	61.1	-0.1	-0.2%
21.0%	61.1	61.1	0.0	0.0%
22.2%	61.1	61.1	0.0	0.0%
23.5%	61.1	61.1	0.0	0.0%
24.7%	61.0	61.1	0.1	0.2%
25.9%	61.0	61.1	0.1	0.2%
27.2%	61.0	61.1	0.1	0.2%
28.4%	61.0	61.1	0.1	0.2%
29.6%	61.0	61.1	0.1	0.2%
30.9%	61.0	61.1	0.1	0.2%
32.1%	61.0	61.0	0.0	0.0%
33.3%	61.0	61.0	0.0	0.0%
34.6%	61.0	61.0	0.0	0.0%
35.8%	61.0	61.0	0.0	0.0%
37.0%	60.9	61.0	0.1	0.2%
38.3%	60.9	61.0	0.1	0.2%
39.5%	60.9	61.0	0.1	0.2%
40.7%	60.9	61.0	0.1	0.2%
42.0%	60.9	60.9	0.0	0.0%
43.2%	60.9	60.9	0.0	0.0%
44.4%	60.9	60.9	0.0	0.0%
45.7%	60.9	60.9	0.0	0.0%
46.9%	60.9	60.9	0.0	0.0%
48.1%	60.9	60.9	0.0	0.0%
49.4%	60.9	60.9	0.0	0.0%
50.6%	60.9	60.9	0.0	0.0%
51.9%	60.9	60.9	0.0	0.0%
53.1%	60.9	60.9	0.0	0.0%
54.3%	60.8	60.9	0.1	0.2%
55.6%	60.8	60.9	0.1	0.2%
56.8%	60.8	60.8	0.0	0.0%
58.0%	60.8	60.8	0.0	0.0%
59.3%	60.8	60.8	0.0	0.0%
60.5%	60.8	60.8	0.0	0.0%
61.7%	60.8	60.8	0.0	0.0%
63.0%	60.7	60.8	0.1	0.2%
64.2%	60.7	60.8	0.1	0.2%
65.4%	60.7	60.8	0.1	0.2%
66.7%	60.7	60.8	0.1	0.2%
67.9%	60.7	60.7	0.0	0.0%
69.1%	60.7	60.7	0.0	0.0%
70.4%	60.7	60.7	0.0	0.0%
71.6%	60.7	60.7	0.0	0.0%
72.8%	60.7	60.7	0.0	0.0%
74.1%	60.7	60.7	0.0	0.0%
75.3%	60.7	60.7	0.0	0.0%
76.5%	60.7	60.7	0.0	0.0%
77.8%	60.7	60.6	-0.1	-0.2%
79.0%	60.6	60.6	0.0	0.0%
80.2%	60.6	60.6	0.0	0.0%
81.5%	60.6	60.6	0.0	0.0%
82.7%	60.6	60.6	0.0	0.0%
84.0%	60.6	60.6	0.0	0.0%
85.2%	60.6	60.6	0.0	0.0%
86.4%	60.6	60.6	0.0	0.0%
87.7%	60.6	60.6	0.0	0.0%
88.9%	60.6	60.5	-0.1	-0.2%
90.1%	60.5	60.5	0.0	0.0%
91.4%	60.5	60.5	0.0	0.0%
92.6%	60.5	60.5	0.0	0.0%
93.8%	60.5	60.5	0.0	0.0%
95.1%	60.5	60.5	0.0	0.0%
96.3%	60.5	60.5	0.0	0.0%
97.5%	60.5	60.3	-0.2	-0.3%
98.8%	60.4	58.5	-1.9	-3.1%
100.0%	60.4	58.5	-1.9	-3.1%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	63.6	64.4	0.8	1.3%
1.2%	63.1	62.9	-0.2	-0.3%
2.5%	62.9	62.9	0.0	0.0%
3.7%	62.9	62.6	-0.3	-0.5%
4.9%	62.9	62.2	-0.7	-1.1%
6.2%	62.7	61.8	-0.9	-1.4%
7.4%	62.6	61.7	-0.9	-1.4%
8.6%	62.4	61.6	-0.8	-1.3%
9.9%	62.3	61.5	-0.8	-1.3%
11.1%	62.2	61.5	-0.7	-1.1%
12.3%	62.2	61.2	-1.0	-1.6%
13.6%	62.0	61.0	-1.0	-1.6%
14.8%	61.9	61.0	-0.9	-1.5%
16.0%	61.7	61.0	-0.7	-1.1%
17.3%	61.6	61.0	-0.6	-1.0%
18.5%	61.6	60.9	-0.7	-1.1%
19.8%	61.5	60.9	-0.6	-1.0%
21.0%	61.5	60.9	-0.6	-1.0%
22.2%	61.5	60.8	-0.7	-1.1%
23.5%	61.4	60.8	-0.6	-1.0%
24.7%	61.3	60.7	-0.6	-1.0%
25.9%	60.6	60.7	0.1	0.2%
27.2%	60.6	60.7	0.1	0.2%
28.4%	60.6	60.7	0.1	0.2%
29.6%	60.5	60.7	0.2	0.3%
30.9%	60.5	60.7	0.2	0.3%
32.1%	60.3	60.5	0.2	0.3%
33.3%	60.3	60.5	0.2	0.3%
34.6%	60.3	60.4	0.1	0.2%
35.8%	60.3	60.4	0.1	0.2%
37.0%	60.3	60.3	0.0	0.0%
38.3%	60.3	60.2	-0.1	-0.2%
39.5%	60.2	60.1	-0.1	-0.2%
40.7%	60.2	60.1	-0.1	-0.2%
42.0%	60.2	60.1	-0.1	-0.2%
43.2%	60.1	60.1	0.0	0.0%
44.4%	60.1	60.0	-0.1	-0.2%
45.7%	60.1	60.0	-0.1	-0.2%
46.9%	60.1	60.0	-0.1	-0.2%
48.1%	60.1	60.0	-0.1	-0.2%
49.4%	60.1	60.0	-0.1	-0.2%
50.6%	60.0	60.0	0.0	0.0%
51.9%	60.0	60.0	0.0	0.0%
53.1%	60.0	59.9	-0.1	-0.2%
54.3%	60.0	59.9	-0.1	-0.2%
55.6%	60.0	59.9	-0.1	-0.2%
56.8%	60.0	59.9	-0.1	-0.2%
58.0%	59.9	59.9	0.0	0.0%
59.3%	59.9	59.9	0.0	0.0%
60.5%	59.9	59.9	0.0	0.0%
61.7%	59.9	59.9	0.0	0.0%
63.0%	59.9	59.9	0.0	0.0%
64.2%	59.9	59.8	-0.1	-0.2%
65.4%	59.9	59.8	-0.1	-0.2%
66.7%	59.8	59.8	0.0	0.0%
67.9%	59.8	59.8	0.0	0.0%
69.1%	59.8	59.8	0.0	0.0%
70.4%	59.8	59.8	0.0	0.0%
71.6%	59.8	59.8	0.0	0.0%
72.8%	59.7	59.8	0.1	0.2%
74.1%	59.7	59.7	0.0	0.0%
75.3%	59.7	59.7	0.0	0.0%
76.5%	59.7	59.7	0.0	0.0%
77.8%	59.7	59.7	0.0	0.0%
79.0%	59.7	59.7	0.0	0.0%
80.2%	59.6	59.7	0.1	0.2%
81.5%	59.6	59.7	0.1	0.2%
82.7%	59.6	59.7	0.1	0.2%
84.0%	59.6	59.7	0.1	0.2%
85.2%	59.6	59.6	0.0	0.0%
86.4%	59.6	59.6	0.0	0.0%
87.7%	59.6	59.6	0.0	0.0%
88.9%	59.5	59.6	0.1	0.2%
90.1%	59.5	59.6	0.1	0.2%
91.4%	59.5	59.6	0.1	0.2%
92.6%	59.5	59.5	0.0	0.0%
93.8%	59.5	59.5	0.0	0.0%
95.1%	59.5	59.5	0.0	0.0%
96.3%	59.5	59.5	0.0	0.0%
97.5%	59.5	59.5	0.0	0.0%
98.8%	59.5	59.5	0.0	0.0%
100.0%	59.5	59.5	0.0	0.0%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.0	62.4	2.4	4.0%
1.2%	58.7	61.8	3.1	5.3%
2.5%	58.1	59.5	1.4	2.4%
3.7%	57.9	58.7	0.8	1.4%
4.9%	57.7	57.8	0.1	0.2%
6.2%	57.7	57.5	-0.2	-0.3%
7.4%	57.7	57.3	-0.4	-0.7%
8.6%	56.8	56.6	-0.2	-0.4%
9.9%	56.8	56.6	-0.2	-0.4%
11.1%	56.7	56.4	-0.3	-0.5%
12.3%	56.7	56.2	-0.5	-0.9%
13.6%	56.6	56.2	-0.4	-0.7%
14.8%	56.6	56.2	-0.4	-0.7%
16.0%	56.5	56.2	-0.3	-0.5%
17.3%	56.4	56.0	-0.4	-0.7%
18.5%	56.4	55.9	-0.5	-0.9%
19.8%	56.2	55.9	-0.3	-0.5%
21.0%	56.2	55.9	-0.3	-0.5%
22.2%	56.1	55.8	-0.3	-0.5%
23.5%	56.0	55.8	-0.2	-0.4%
24.7%	55.9	55.7	-0.2	-0.4%
25.9%	55.8	55.7	-0.1	-0.2%
27.2%	55.8	55.7	-0.1	-0.2%
28.4%	55.7	55.6	-0.1	-0.2%
29.6%	55.7	55.6	-0.1	-0.2%
30.9%	55.7	55.5	-0.2	-0.4%
32.1%	55.6	55.5	-0.1	-0.2%
33.3%	55.6	55.5	-0.1	-0.2%
34.6%	55.5	55.5	0.0	0.0%
35.8%	55.5	55.5	0.0	0.0%
37.0%	55.5	55.5	0.0	0.0%
38.3%	55.5	55.4	-0.1	-0.2%
39.5%	55.4	55.4	0.0	0.0%
40.7%	55.4	55.4	0.0	0.0%
42.0%	55.4	55.4	0.0	0.0%
43.2%	55.4	55.4	0.0	0.0%
44.4%	55.3	55.3	0.0	0.0%
45.7%	55.2	55.3	0.1	0.2%
46.9%	55.2	55.2	0.0	0.0%
48.1%	55.2	55.2	0.0	0.0%
49.4%	55.1	55.2	0.1	0.2%
50.6%	55.1	55.0	-0.1	-0.2%
51.9%	55.0	54.9	-0.1	-0.2%
53.1%	55.0	54.9	-0.1	-0.2%
54.3%	55.0	54.8	-0.2	-0.4%
55.6%	55.0	54.8	-0.2	-0.4%
56.8%	54.9	54.8	-0.1	-0.2%
58.0%	54.8	54.7	-0.1	-0.2%
59.3%	54.8	54.6	-0.2	-0.4%
60.5%	54.8	54.6	-0.2	-0.4%
61.7%	54.8	54.6	-0.2	-0.4%
63.0%	54.7	54.6	-0.1	-0.2%
64.2%	54.7	54.6	-0.1	-0.2%
65.4%	54.7	54.5	-0.2	-0.4%
66.7%	54.6	54.5	-0.1	-0.2%
67.9%	54.6	54.5	-0.1	-0.2%
69.1%	54.6	54.5	-0.1	-0.2%
70.4%	54.6	54.5	-0.1	-0.2%
71.6%	54.5	54.5	0.0	0.0%
72.8%	54.5	54.4	-0.1	-0.2%
74.1%	54.5	54.4	-0.1	-0.2%
75.3%	54.5	54.4	-0.1	-0.2%
76.5%	54.5	54.4	-0.1	-0.2%
77.8%	54.4	54.4	0.0	0.0%
79.0%	54.4	54.4	0.0	0.0%
80.2%	54.4	54.4	0.0	0.0%
81.5%	54.4	54.4	0.0	0.0%
82.7%	54.3	54.4	0.1	0.2%
84.0%	54.3	54.3	0.0	0.0%
85.2%	54.2	54.3	0.1	0.2%
86.4%	54.2	54.3	0.1	0.2%
87.7%	54.2	54.2	0.0	0.0%
88.9%	54.2	54.2	0.0	0.0%
90.1%	54.2	54.2	0.0	0.0%
91.4%	54.2	54.1	-0.1	-0.2%
92.6%	54.2	54.1	-0.1	-0.2%
93.8%	54.1	54.1	0.0	0.0%
95.1%	54.1	54.1	0.0	0.0%
96.3%	54.1	54.1	0.0	0.0%
97.5%	54.1	54.0	-0.1	-0.2%
98.8%	53.9	53.9	0.0	0.0%
100.0%	53.9	53.9	0.0	0.0%

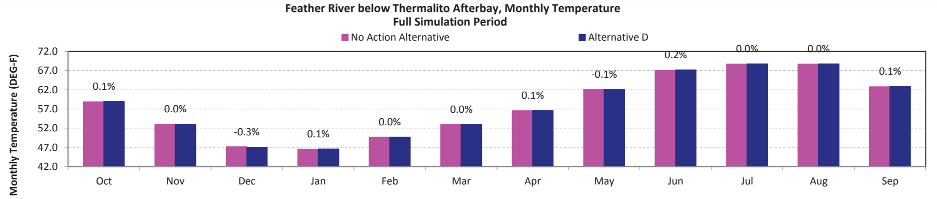
Table SQ-16-9a
Feather River below Thermalito Afterbay, Monthly Temperature
Long-term Average and Average by Water Year Type

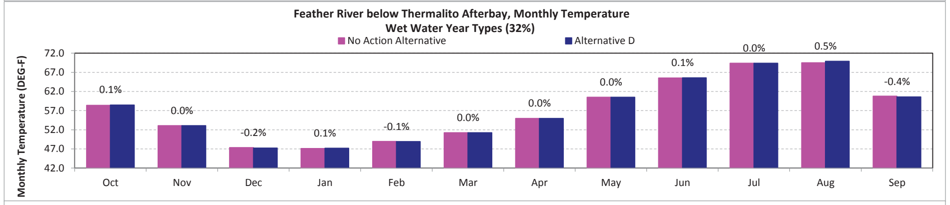
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	58.8	53.0	47.1	46.5	49.7	53.0	56.5	62.2	67.0	68.7	68.7	62.8
Alternative D	58.9	53.0	47.0	46.5	49.7	53.0	56.6	62.1	67.2	68.7	68.7	62.9
Difference	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	0.2	0.0	0.0	0.1
Percent Difference[3]	0.1%	0.0%	-0.3%	0.1%	0.0%	0.0%	0.1%	-0.1%	0.2%	0.0%	0.0%	0.1%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	58.4	53.1	47.3	47.1	49.0	51.2	55.0	60.5	65.5	69.4	69.5	60.8
Alternative D	58.5	53.1	47.2	47.2	48.9	51.3	55.0	60.5	65.6	69.4	69.9	60.6
Difference	0.1	0.0	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	-0.2
Percent Difference	0.1%	0.0%	-0.2%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.5%	-0.4%
Above Normal (15%)												
No Action Alternative	58.4	51.9	46.7	46.6	49.4	52.6	57.1	62.7	67.3	67.6	67.3	61.3
Alternative D	58.5	51.9	46.5	46.6	49.5	52.6	57.1	62.7	67.5	67.6	67.6	61.1
Difference	0.0	0.0	-0.2	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.3	-0.2
Percent Difference	0.1%	0.0%	-0.4%	0.1%	0.1%	0.1%	0.0%	0.0%	0.3%	0.0%	0.4%	-0.3%
Below Normal (17%)												
No Action Alternative	59.4	53.1	46.5	46.2	49.6	53.7	57.4	62.6	67.4	68.0	68.0	65.2
Alternative D	59.4	53.1	46.4	46.1	49.6	53.7	57.4	62.6	67.7	68.0	68.4	65.3
Difference	0.1	0.0	0.0	-0.1	0.0	0.0	0.0	-0.1	0.3	0.1	0.4	0.1
Percent Difference	0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	-0.1%	0.4%	0.1%	0.6%	0.2%
Dry (22%)												
No Action Alternative	59.1	53.2	47.5	45.7	50.1	54.5	57.3	62.9	68.1	67.9	67.5	63.8
Alternative D	59.3	53.2	47.4	45.7	50.1	54.3	57.5	62.7	68.3	68.2	67.4	64.3
Difference	0.2	0.1	-0.1	0.0	0.0	-0.1	0.1	-0.1	0.2	0.3	-0.1	0.6
Percent Difference	0.4%	0.1%	-0.2%	0.1%	0.1%	-0.3%	0.2%	-0.2%	0.3%	0.4%	-0.2%	0.9%
Critical (15%)												
No Action Alternative	59.2	53.8	47.4	46.2	50.8	53.9	57.0	63.3	67.7	70.2	70.6	64.1
Alternative D	59.0	53.6	47.0	46.3	50.7	54.0	57.0	63.0	67.9	69.9	69.4	64.3
Difference	-0.2	-0.2	-0.4	0.1	-0.1	0.1	0.0	-0.2	0.2	-0.3	-1.2	0.2
Percent Difference	-0.3%	-0.3%	-0.8%	0.2%	-0.1%	0.1%	0.0%	-0.4%	0.3%	-0.4%	-1.7%	0.3%

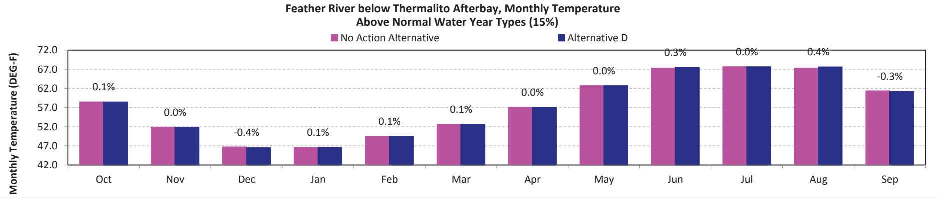
[1] Based on the 82-year simulation period

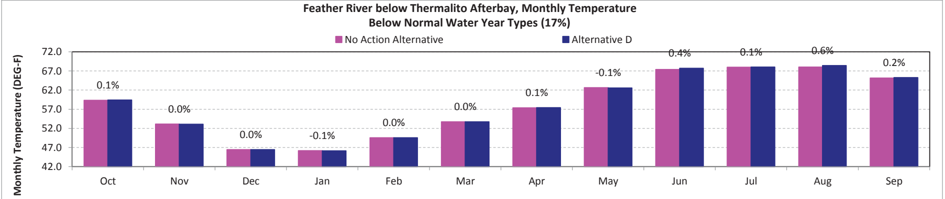
[2] As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

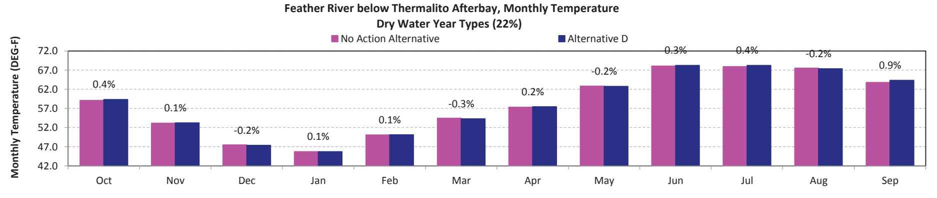
[3] Relative difference of the monthly average


Feather River below Thermalito Afterbay, Monthly Temperature
Full Simulation Period


Feather River below Thermalito Afterbay, Monthly Temperature
Wet Water Year Types (32%)


Feather River below Thermalito Afterbay, Monthly Temperature
Above Normal Water Year Types (15%)


Feather River below Thermalito Afterbay, Monthly Temperature
Below Normal Water Year Types (17%)


Feather River below Thermalito Afterbay, Monthly Temperature
Dry Water Year Types (22%)

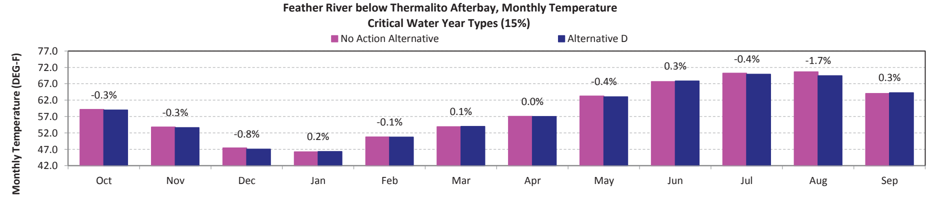

Feather River below Thermalito Afterbay, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-16-9b
Feather River below Thermalito Afterbay, Monthly Temperature
Probability of Exceedance

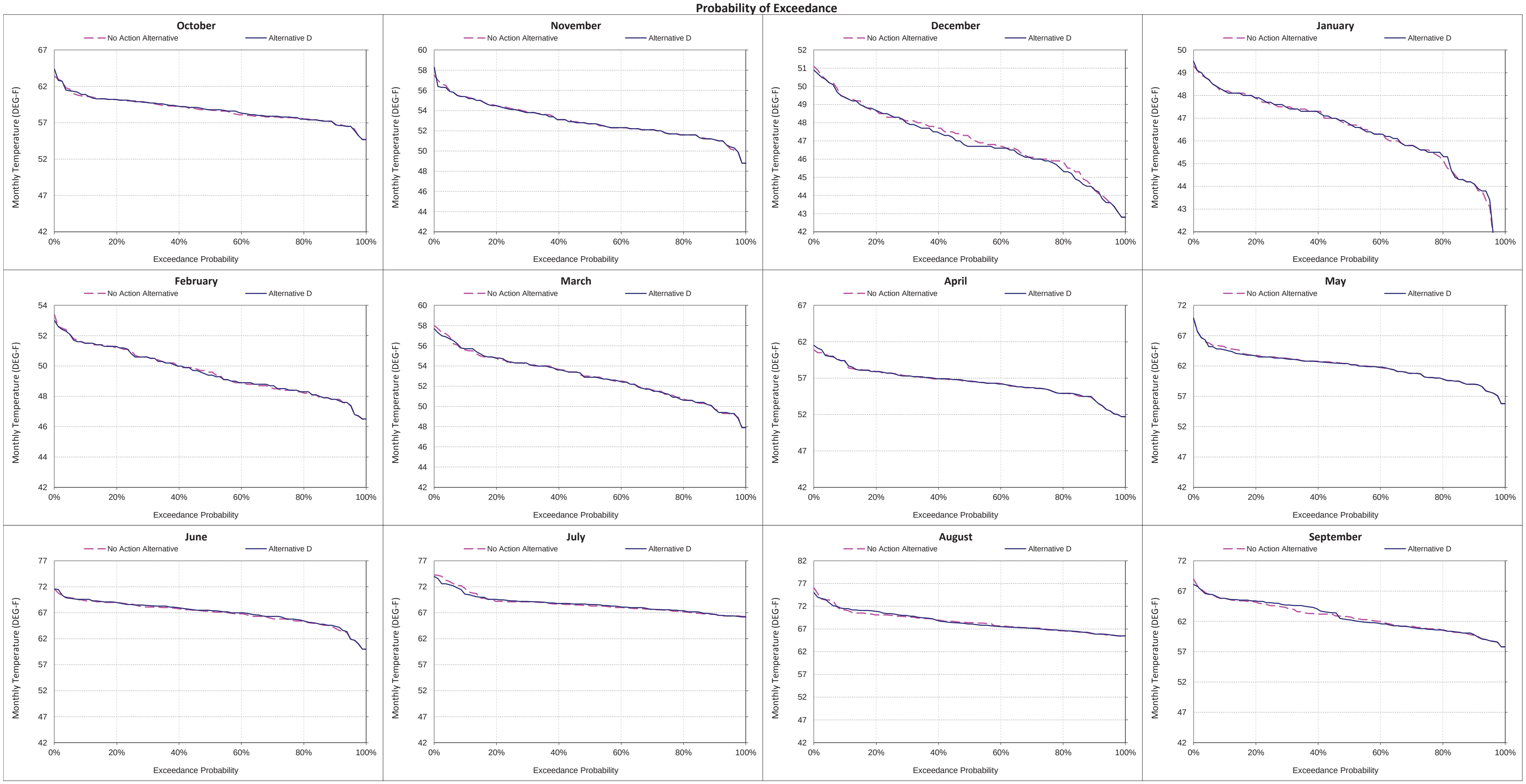


Table SQ-16-9b

Feather River below Thermalito Afterbay, Monthly Temperature
Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	63.4	64.4	1.0	1.6%
1.2%	63.0	62.8	-0.2	-0.3%
2.5%	62.7	62.7	0.0	0.0%
3.7%	61.8	61.5	-0.3	-0.5%
4.9%	61.6	61.4	-0.2	-0.3%
6.2%	61.0	61.3	0.3	0.5%
7.4%	60.8	61.2	0.4	0.7%
8.6%	60.7	60.9	0.2	0.3%
9.9%	60.6	60.9	0.3	0.5%
11.1%	60.6	60.6	0.0	0.0%
12.3%	60.5	60.4	-0.1	-0.2%
13.6%	60.3	60.3	0.0	0.0%
14.8%	60.3	60.3	0.0	0.0%
16.0%	60.3	60.3	0.0	0.0%
17.3%	60.2	60.2	0.0	0.0%
18.5%	60.2	60.2	0.0	0.0%
19.8%	60.2	60.2	0.0	0.0%
21.0%	60.1	60.1	0.0	0.0%
22.2%	60.1	60.1	0.0	0.0%
23.5%	60.0	60.1	0.1	0.2%
24.7%	60.0	60.0	0.0	0.0%
25.9%	60.0	59.9	-0.1	-0.2%
27.2%	59.9	59.9	0.0	0.0%
28.4%	59.8	59.9	0.1	0.2%
29.6%	59.8	59.8	0.0	0.0%
30.9%	59.7	59.7	0.0	0.0%
32.1%	59.6	59.7	0.1	0.2%
33.3%	59.5	59.6	0.1	0.2%
34.6%	59.4	59.6	0.2	0.3%
35.8%	59.4	59.5	0.1	0.2%
37.0%	59.3	59.4	0.1	0.2%
38.3%	59.3	59.4	0.1	0.2%
39.5%	59.2	59.3	0.1	0.2%
40.7%	59.2	59.2	0.0	0.0%
42.0%	59.2	59.2	0.0	0.0%
43.2%	59.0	59.1	0.1	0.2%
44.4%	59.0	59.1	0.1	0.2%
45.7%	58.9	59.1	0.2	0.3%
46.9%	58.8	59.0	0.2	0.3%
48.1%	58.8	58.9	0.1	0.2%
49.4%	58.8	58.8	0.0	0.0%
50.6%	58.7	58.8	0.1	0.2%
51.9%	58.7	58.8	0.1	0.2%
53.1%	58.6	58.8	0.2	0.3%
54.3%	58.6	58.7	0.1	0.2%
55.6%	58.6	58.6	0.0	0.0%
56.8%	58.3	58.6	0.3	0.5%
58.0%	58.2	58.6	0.4	0.7%
59.3%	58.1	58.4	0.3	0.5%
60.5%	58.1	58.3	0.2	0.3%
61.7%	58.0	58.2	0.2	0.3%
63.0%	58.0	58.1	0.1	0.2%
64.2%	57.9	58.1	0.2	0.3%
65.4%	57.9	58.0	0.1	0.2%
66.7%	57.9	58.0	0.1	0.2%
67.9%	57.8	57.9	0.1	0.2%
69.1%	57.8	57.9	0.1	0.2%
70.4%	57.8	57.9	0.1	0.2%
71.6%	57.8	57.9	0.1	0.2%
72.8%	57.7	57.8	0.1	0.2%
74.1%	57.7	57.8	0.1	0.2%
75.3%	57.7	57.8	0.1	0.2%
76.5%	57.7	57.7	0.0	0.0%
77.8%	57.6	57.7	0.1	0.2%
79.0%	57.6	57.5	-0.1	-0.2%
80.2%	57.5	57.5	0.0	0.0%
81.5%	57.5	57.4	-0.1	-0.2%
82.7%	57.4	57.4	0.0	0.0%
84.0%	57.4	57.4	0.0	0.0%
85.2%	57.3	57.3	0.0	0.0%
86.4%	57.3	57.2	-0.1	-0.2%
87.7%	57.2	57.2	0.0	0.0%
88.9%	57.2	57.2	0.0	0.0%
90.1%	56.8	56.7	-0.1	-0.2%
91.4%	56.8	56.6	-0.2	-0.4%
92.6%	56.6	56.6	0.0	0.0%
93.8%	56.5	56.5	0.0	0.0%
95.1%	56.5	56.5	0.0	0.0%
96.3%	56.1	55.9	-0.2	-0.4%
97.5%	55.2	55.2	0.0	0.0%
98.8%	54.7	54.7	0.0	0.0%
100.0%	54.7	54.7	0.0	0.0%

November				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	57.5	58.3	0.8	1.4%
1.2%	57.0	56.4	-0.6	-1.1%
2.5%	56.6	56.3	-0.3	-0.5%
3.7%	56.5	56.3	-0.2	-0.4%
4.9%	56.0	55.9	-0.1	-0.2%
6.2%	55.8	55.8	0.0	0.0%
7.4%	55.5	55.5	0.0	0.0%
8.6%	55.4	55.4	0.0	0.0%
9.9%	55.4	55.4	0.0	0.0%
11.1%	55.3	55.2	-0.1	-0.2%
12.3%	55.2	55.2	0.0	0.0%
13.6%	55.1	55.0	-0.1	-0.2%
14.8%	55.0	55.0	0.0	0.0%
16.0%	54.8	54.8	0.0	0.0%
17.3%	54.6	54.6	0.0	0.0%
18.5%	54.6	54.5	-0.1	-0.2%
19.8%	54.5	54.5	0.0	0.0%
21.0%	54.4	54.4	0.0	0.0%
22.2%	54.4	54.3	-0.1	-0.2%
23.5%	54.3	54.2	-0.1	-0.2%
24.7%	54.2	54.1	-0.1	-0.2%
25.9%	54.1	54.1	0.0	0.0%
27.2%	54.1	54.0	-0.1	-0.2%
28.4%	54.0	53.9	-0.1	-0.2%
29.6%	53.9	53.8	-0.1	-0.2%
30.9%	53.8	53.8	0.0	0.0%
32.1%	53.8	53.8	0.0	0.0%
33.3%	53.7	53.7	0.0	0.0%
34.6%	53.7	53.6	-0.1	-0.2%
35.8%	53.6	53.6	0.0	0.0%
37.0%	53.6	53.4	-0.2	-0.4%
38.3%	53.4	53.4	0.0	0.0%
39.5%	53.1	53.1	0.0	0.0%
40.7%	53.1	53.1	0.0	0.0%
42.0%	53.1	53.1	0.0	0.0%
43.2%	53.1	52.9	-0.2	-0.4%
44.4%	52.9	52.9	0.0	0.0%
45.7%	52.9	52.8	-0.1	-0.2%
46.9%	52.8	52.8	0.0	0.0%
48.1%	52.8	52.8	0.0	0.0%
49.4%	52.7	52.7	0.0	0.0%
50.6%	52.7	52.7	0.0	0.0%
51.9%	52.7	52.7	0.0	0.0%
53.1%	52.5	52.6	0.1	0.2%
54.3%	52.5	52.5	0.0	0.0%
55.6%	52.4	52.4	0.0	0.0%
56.8%	52.3	52.3	0.0	0.0%
58.0%	52.3	52.3	0.0	0.0%
59.3%	52.3	52.3	0.0	0.0%
60.5%	52.3	52.3	0.0	0.0%
61.7%	52.3	52.3	0.0	0.0%
63.0%	52.2	52.2	0.0	0.0%
64.2%	52.2	52.2	0.0	0.0%
65.4%	52.2	52.2	0.0	0.0%
66.7%	52.1	52.1	0.0	0.0%
67.9%	52.1	52.1	0.0	0.0%
69.1%	52.1	52.1	0.0	0.0%
70.4%	52.1	52.1	0.0	0.0%
71.6%	52.0	52.0	0.0	0.0%
72.8%	52.0	52.0	0.0	0.0%
74.1%	51.8	51.8	0.0	0.0%
75.3%	51.7	51.7	0.0	0.0%
76.5%	51.7	51.7	0.0	0.0%
77.8%	51.7	51.7	0.0	0.0%
79.0%	51.6	51.6	0.0	0.0%
80.2%	51.6	51.6	0.0	0.0%
81.5%	51.6	51.6	0.0	0.0%
82.7%	51.6	51.6	0.0	0.0%
84.0%	51.6	51.6	0.0	0.0%
85.2%	51.3	51.3	0.0	0.0%
86.4%	51.3	51.2	-0.1	-0.2%
87.7%	51.2	51.2	0.0	0.0%
88.9%	51.2	51.2	0.0	0.0%
90.1%	51.1	51.1	0.0	0.0%
91.4%	51.0	51.0	0.0	0.0%
92.6%	51.0	51.0	0.0	0.0%
93.8%	50.6	50.6	0.0	0.0%
95.1%	50.2	50.4	0.2	0.4%
96.3%	50.1	50.3	0.2	0.4%
97.5%	49.9	49.9	0.0	0.0%
98.8%	48.8	48.8	0.0	0.0%
100.0%	48.8	48.8	0.0	0.0%

December				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	51.1	50.9	-0.2	-0.4%
1.2%	50.9	50.7	-0.2	-0.4%
2.5%	50.6	50.5	-0.1	-0.2%
3.7%	50.4	50.4	0.0	0.0%
4.9%	50.2	50.2	0.0	0.0%
6.2%	50.2	50.1	-0.1	-0.2%
7.4%	49.9	49.7	-0.2	-0.4%
8.6%	49.5	49.5	0.0	0.0%
9.9%	49.4	49.4	0.0	0.0%
11.1%	49.3	49.3	0.0	0.0%
12.3%	49.3	49.2	-0.1	-0.2%
13.6%	49.2	49.2	0.0	0.0%
14.8%	49.2	49.0	-0.2	-0.4%
16.0%	48.9	48.9	0.0	0.0%
17.3%	48.8	48.8	0.0	0.0%
18.5%	48.7	48.8	0.1	0.2%
19.8%	48.7	48.7	0.0	0.0%
21.0%	48.5	48.6	0.1	0.2%
22.2%	48.5	48.5	0.0	0.0%
23.5%	48.3	48.5	0.2	0.4%
24.7%	48.3	48.4	0.1	0.2%
25.9%	48.3	48.3	0.0	0.0%
27.2%	48.2	48.3	0.1	0.2%
28.4%	48.2	48.2	0.0	0.0%
29.6%	48.1	48.0	-0.1	-0.2%
30.9%	48.1	47.9	-0.2	-0.4%
32.1%	48.1	47.9	-0.2	-0.4%
33.3%	48.0	47.8	-0.2	-0.4%
34.6%	48.0	47.7	-0.3	-0.6%
35.8%	47.9	47.7	-0.2	-0.4%
37.0%	47.8	47.7	-0.1	-0.2%
38.3%	47.8	47.5	-0.3	-0.6%
39.5%	47.7	47.5	-0.2	-0.4%
40.7%	47.7	47.4	-0.3	-0.6%
42.0%	47.5	47.3	-0.2	-0.4%
43.2%	47.5	47.3	-0.2	-0.4%
44.4%	47.5	47.2	-0.3	-0.6%
45.7%	47.4	47.0	-0.4	-0.8%
46.9%	47.4	47.0	-0.4	-0.8%
48.1%	47.3	46.8	-0.5	-1.1%
49.4%	47.3	46.7	-0.6	-1.3%
50.6%	47.1	46.7	-0.4	-0.8%
51.9%	47.0	46.7	-0.3	-0.6%
53.1%	46.9	46.7	-0.2	-0.4%
54.3%	46.9	46.7	-0.2	-0.4%
55.6%	46.8	46.7	-0.1	-0.2%
56.8%	46.8	46.7	-0.1	-0.2%
58.0%	46.8	46.6	-0.2	-0.4%
59.3%	46.7	46.6	-0.1	-0.2%
60.5%	46.7	46.6	-0.1	-0.2%
61.7%	46.6	46.6	0.0	0.0%
63.0%	46.6	46.5	-0.1	-0.2%
64.2%	46.6	46.5	-0.1	-0.2%
65.4%	46.5	46.3	-0.2	-0.4%
66.7%	46.3	46.2	-0.1	-0.2%
67.9%	46.2	46.1	-0.1	-0.2%
69.1%	46.1	46.1	0.0	0.0%
70.4%	46.1	46.0	-0.1	-0.2%
71.6%	46.0	46.0	0.0	0.0%
72.8%	46.0	46.0	0.0	0.0%
74.1%	46.0	45.9	-0.1	-0.2%
75.3%	46.0	45.9	-0.1	-0.2%
76.5%	45.9	45.8	-0.1	-0.2%
77.8%	45.9	45.7	-0.2	-0.4%
79.0%	45.9	45.5	-0.4	-0.9%
80.2%	45.8	45.3	-0.5	-1.1%
81.5%	45.5	45.3	-0.2	-0.4%
82.7%	45.5	45.2	-0.3	-0.7%
84.0%	45.3	44.9	-0.4	-0.9%
85.2%	45.3	44.8	-0.5	-1.1%
86.4%	44.9	44.6	-0.3	-0.7%
87.7%	44.8	44.5	-0.3	-0.7%
88.9%	44.6	44.5	-0.1	-0.2%
90.1%	44.3	44.3	0.0	0.0%
91.4%	44.1	44.2	0.1	0.2%
92.6%	44.0	43.8	-0.2	-0.5%
93.8%	43.8	43.6	-0.2	-0.5%
95.1%	43.6	43.6	0.0	0.0%
96.3%	43.4	43.4	0.0	0.0%
97.5%	43.1	43.1	0.0	0.0%
98.8%	42.8	42.8	0.0	0.0%
100.0%	42.8	42.8	0.0	0.0%

January				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	49.3	49.5	0.2	0.4%
1.2%	49.1	49.1	0.0	0.0%
2.5%	48.9	49.0	0.1	0.2%
3.7%	48.8	48.8	0.0	0.0%
4.9%	48.7	48.7	0.0	0.0%
6.2%	48.5	48.5	0.0	0.0%
7.4%	48.4	48.4	0.0	0.0%
8.6%	48.2	48.3	0.1	0.2%
9.9%	48.2	48.2	0.0	0.0%
11.1%	48.2	48.1	-0.1	-0.2%
12.3%	48.1	48.1	0.0	0.0%
13.6%	48.1	48.1	0.0	0.0%
14.8%	48.1	48.1	0.0	0.0%
16.0%	48.1	48.0	-0.1	-0.2%
17.3%	48.0	48.0	0.0	0.0%
18.5%	48.0	48.0	0.0	0.0%
19.8%	47.9	47.9	0.0	0.0%
21.0%	47.8	47.9	0.1	0.2%
22.2%	47.7	47.8	0.1	0.2%
23.5%	47.7	47.7	0.0	0.0%
24.7%	47.6	47.7	0.1	0.2%
25.9%	47.6	47.6	0.0	0.0%
27.2%	47.5	47.6	0.1	0.2%
28.4%	47.5	47.6	0.1	0.2%
29.6%	47.5	47.5	0.0	0.0%
30.9%	47.5	47.4	-0.1	-0.2%
32.1%	47.4	47.4	0.0	0.0%
33.3%	47.4	47.4	0.0	0.0%
34.6%	47.4	47.3	-0.1	-0.2%
35.8%	47.4	47.3	-0.1	-0.2%
37.0%	47.3	47.3	0.0	0.0%
38.3%	47.3	47.3	0.0	0.0%
39.5%	47.3	47.3	0.0	0.0%
40.7%	47.3	47.2	-0.1	-0.2%
42.0%	47.0	47.1	0.1	0.2%
43.2%	47.0	47.1	0.1	0.2%
44.4%	47.0	47.0	0.0	0.0%
45.7%	47.0	47.0	0.0	0.0%
46.9%	46.9	46.9	0.0	0.0%
48.1%	46.8	46.9	0.1	0.2%
49.4%	46.7	46.8	0.1	0.2%
50.6%	46.7	46.7	0.0	0.0%
51.9%	46.7	46.6	-0.1	-0.2%
53.1%	46.7	46.6	-0.1	-0.2%
54.3%	46.5	46.5	0.0	0.0%
55.6%	46.5	46.4	-0.1	-0.2%
56.8%	46.4	46.4	0.0	0.0%
58.0%	46.3	46.3	0.0	0.0%
59.3%	46.3	46.3	0.0	0.0%
60.5%	46.3	46.3	0.0	0.0%
61.7%	46.1	46.2	0.1	0.2%
63.0%	46.0	46.2	0.2	0.4%
64.2%	46.0	46.1	0.1	0.2%
65.4%	46.0	46.1	0.1	0.2%
66.7%	45.9	45.9	0.0	0.0%
67.9%	45.8	45.8	0.0	0.0%
69.1%	45.8	45.8	0.0	0.0%
70.4%	45.8	45.8	0.0	0.0%
71.6%	45.7	45.7	0.0	0.0%
72.8%	45.6	45.6	0.0	0.0%
74.1%	45.6	45.6	0.0	0.0%
75.3%	45.6	45.5	-0.1	-0.2%
76.5%	45.5	45.5	0.0	0.0%
77.8%	45.4	45.5	0.1	0.2%
79.0%	45.3	45.5	0.2	0.4%
80.2%	45.1	45.3	0.2	0.4%
81.5%	44.8	45.3	0.5	1.1%
82.7%	44.7	44.7	0.0	0.0%
84.0%	44.5	44.4	-0.1	-0.2%
85.2%	44.3	44.3	0.0	0.0%
86.4%	44.3	44.3	0.0	0.0%
87.7%	44.2	44.2	0.0	0.0%
88.9%	44.2	44.2	0.0	0.0%
90.1%	44.1	44.1	0.0	0.0%
91.4%	43.8	43.9	0.1	0.2%
92.6%	43.8	43.8	0.0	0.0%
93.8%	43.4	43.8	0.4	0.9%
95.1%	43.1	43.4	0.3	0.7%
96.3%	41.6	41.7	0.1	0.2%
97.5%	41.4	41.4	0.0	0.0%
98.8%	41.2	41.3	0.1	0.2%
100.0%	41.2	41.3	0.1	0.2%

Table SQ-16-9b

Feather River below Thermalito Afterbay, Monthly Temperature

Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	53.4	53.0	-0.4	-0.7%
1.2%	52.6	52.6	0.0	0.0%
2.5%	52.5	52.4	-0.1	-0.2%
3.7%	52.4	52.3	-0.1	-0.2%
4.9%	52.1	52.1	0.0	0.0%
6.2%	51.8	51.7	-0.1	-0.2%
7.4%	51.7	51.6	-0.1	-0.2%
8.6%	51.6	51.6	0.0	0.0%
9.9%	51.5	51.5	0.0	0.0%
11.1%	51.5	51.5	0.0	0.0%
12.3%	51.4	51.5	0.1	0.2%
13.6%	51.4	51.4	0.0	0.0%
14.8%	51.4	51.4	0.0	0.0%
16.0%	51.4	51.3	-0.1	-0.2%
17.3%	51.3	51.3	0.0	0.0%
18.5%	51.3	51.3	0.0	0.0%
19.8%	51.2	51.3	0.1	0.2%
21.0%	51.2	51.2	0.0	0.0%
22.2%	51.1	51.2	0.1	0.2%
23.5%	51.1	51.1	0.0	0.0%
24.7%	51.0	50.8	-0.2	-0.4%
25.9%	50.7	50.6	-0.1	-0.2%
27.2%	50.6	50.6	0.0	0.0%
28.4%	50.6	50.6	0.0	0.0%
29.6%	50.6	50.6	0.0	0.0%
30.9%	50.5	50.5	0.0	0.0%
32.1%	50.5	50.5	0.0	0.0%
33.3%	50.4	50.3	-0.1	-0.2%
34.6%	50.3	50.3	0.0	0.0%
35.8%	50.2	50.2	0.0	0.0%
37.0%	50.2	50.2	0.0	0.0%
38.3%	50.2	50.1	-0.1	-0.2%
39.5%	50.0	50.0	0.0	0.0%
40.7%	49.9	50.0	0.1	0.2%
42.0%	49.9	49.9	0.0	0.0%
43.2%	49.9	49.9	0.0	0.0%
44.4%	49.9	49.7	-0.2	-0.4%
45.7%	49.8	49.7	-0.1	-0.2%
46.9%	49.7	49.6	-0.1	-0.2%
48.1%	49.7	49.5	-0.2	-0.4%
49.4%	49.6	49.4	-0.2	-0.4%
50.6%	49.6	49.4	-0.2	-0.4%
51.9%	49.4	49.3	-0.1	-0.2%
53.1%	49.4	49.3	-0.1	-0.2%
54.3%	49.1	49.1	0.0	0.0%
55.6%	49.1	49.1	0.0	0.0%
56.8%	49.0	49.0	0.0	0.0%
58.0%	48.9	49.0	0.1	0.2%
59.3%	48.9	48.9	0.0	0.0%
60.5%	48.9	48.9	0.0	0.0%
61.7%	48.8	48.9	0.1	0.2%
63.0%	48.8	48.9	0.1	0.2%
64.2%	48.8	48.8	0.0	0.0%
65.4%	48.7	48.8	0.1	0.2%
66.7%	48.7	48.8	0.1	0.2%
67.9%	48.7	48.8	0.1	0.2%
69.1%	48.6	48.7	0.1	0.2%
70.4%	48.5	48.7	0.2	0.4%
71.6%	48.5	48.5	0.0	0.0%
72.8%	48.4	48.5	0.1	0.2%
74.1%	48.4	48.5	0.1	0.2%
75.3%	48.4	48.4	0.0	0.0%
76.5%	48.4	48.4	0.0	0.0%
77.8%	48.3	48.4	0.1	0.2%
79.0%	48.3	48.3	0.0	0.0%
80.2%	48.2	48.3	0.1	0.2%
81.5%	48.2	48.3	0.1	0.2%
82.7%	48.1	48.1	0.0	0.0%
84.0%	48.1	48.1	0.0	0.0%
85.2%	47.9	48.0	0.1	0.2%
86.4%	47.9	47.9	0.0	0.0%
87.7%	47.9	47.9	0.0	0.0%
88.9%	47.8	47.8	0.0	0.0%
90.1%	47.8	47.8	0.0	0.0%
91.4%	47.8	47.7	-0.1	-0.2%
92.6%	47.6	47.6	0.0	0.0%
93.8%	47.5	47.6	0.1	0.2%
95.1%	47.4	47.4	0.0	0.0%
96.3%	46.8	46.8	0.0	0.0%
97.5%	46.7	46.7	0.0	0.0%
98.8%	46.5	46.5	0.0	0.0%
100.0%	46.5	46.5	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	58.0	57.7	-0.3	-0.5%
1.2%	57.7	57.3	-0.4	-0.7%
2.5%	57.3	57.0	-0.3	-0.5%
3.7%	57.2	56.9	-0.3	-0.5%
4.9%	56.9	56.7	-0.2	-0.4%
6.2%	56.2	56.5	0.3	0.5%
7.4%	56.1	56.2	0.1	0.2%
8.6%	55.7	55.8	0.1	0.2%
9.9%	55.6	55.7	0.1	0.2%
11.1%	55.5	55.7	0.2	0.4%
12.3%	55.5	55.7	0.2	0.4%
13.6%	55.2	55.4	0.2	0.4%
14.8%	55.0	55.2	0.2	0.4%
16.0%	54.9	55.0	0.1	0.2%
17.3%	54.9	54.9	0.0	0.0%
18.5%	54.9	54.9	0.0	0.0%
19.8%	54.8	54.8	0.0	0.0%
21.0%	54.6	54.8	0.2	0.4%
22.2%	54.6	54.7	0.1	0.2%
23.5%	54.5	54.4	-0.1	-0.2%
24.7%	54.3	54.4	0.1	0.2%
25.9%	54.3	54.3	0.0	0.0%
27.2%	54.3	54.3	0.0	0.0%
28.4%	54.3	54.3	0.0	0.0%
29.6%	54.2	54.3	0.1	0.2%
30.9%	54.1	54.1	0.0	0.0%
32.1%	54.0	54.1	0.1	0.2%
33.3%	54.0	54.0	0.0	0.0%
34.6%	54.0	54.0	0.0	0.0%
35.8%	54.0	54.0	0.0	0.0%
37.0%	54.0	53.9	-0.1	-0.2%
38.3%	53.8	53.8	0.0	0.0%
39.5%	53.7	53.6	-0.1	-0.2%
40.7%	53.6	53.6	0.0	0.0%
42.0%	53.6	53.5	-0.1	-0.2%
43.2%	53.4	53.4	0.0	0.0%
44.4%	53.4	53.4	0.0	0.0%
45.7%	53.4	53.4	0.0	0.0%
46.9%	53.1	53.3	0.2	0.4%
48.1%	53.0	52.9	-0.1	-0.2%
49.4%	53.0	52.9	-0.1	-0.2%
50.6%	53.0	52.9	-0.1	-0.2%
51.9%	52.9	52.9	0.0	0.0%
53.1%	52.9	52.8	-0.1	-0.2%
54.3%	52.7	52.7	0.0	0.0%
55.6%	52.7	52.7	0.0	0.0%
56.8%	52.6	52.6	0.0	0.0%
58.0%	52.5	52.6	0.1	0.2%
59.3%	52.5	52.5	0.0	0.0%
60.5%	52.5	52.4	-0.1	-0.2%
61.7%	52.4	52.4	0.0	0.0%
63.0%	52.2	52.2	0.0	0.0%
64.2%	52.2	52.2	0.0	0.0%
65.4%	52.0	51.9	-0.1	-0.2%
66.7%	51.8	51.8	0.0	0.0%
67.9%	51.8	51.7	-0.1	-0.2%
69.1%	51.7	51.7	0.0	0.0%
70.4%	51.6	51.5	-0.1	-0.2%
71.6%	51.5	51.5	0.0	0.0%
72.8%	51.5	51.4	-0.1	-0.2%
74.1%	51.2	51.3	0.1	0.2%
75.3%	51.2	51.2	0.0	0.0%
76.5%	51.1	50.9	-0.2	-0.4%
77.8%	50.9	50.9	0.0	0.0%
79.0%	50.9	50.7	-0.2	-0.4%
80.2%	50.7	50.6	-0.1	-0.2%
81.5%	50.6	50.6	0.0	0.0%
82.7%	50.6	50.6	0.0	0.0%
84.0%	50.4	50.4	0.0	0.0%
85.2%	50.3	50.4	0.1	0.2%
86.4%	50.3	50.4	0.1	0.2%
87.7%	50.2	50.2	0.0	0.0%
88.9%	50.1	50.1	0.0	0.0%
90.1%	49.7	49.7	0.0	0.0%
91.4%	49.6	49.4	-0.2	-0.4%
92.6%	49.3	49.4	0.1	0.2%
93.8%	49.3	49.4	0.1	0.2%
95.1%	49.3	49.3	0.0	0.0%
96.3%	49.2	49.3	0.1	0.2%
97.5%	48.9	48.8	-0.1	-0.2%
98.8%	47.9	47.9	0.0	0.0%
100.0%	47.9	47.9	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	60.9	61.5	0.6	1.0%
1.2%	60.5	61.1	0.6	1.0%
2.5%	60.5	60.9	0.4	0.7%
3.7%	60.3	60.1	-0.2	-0.3%
4.9%	60.0	60.0	0.0	0.0%
6.2%	59.9	60.0	0.1	0.2%
7.4%	59.7	59.6	-0.1	-0.2%
8.6%	59.4	59.4	0.0	0.0%
9.9%	59.4	59.4	0.0	0.0%
11.1%	58.4	58.7	0.3	0.5%
12.3%	58.3	58.5	0.2	0.3%
13.6%	58.2	58.2	0.0	0.0%
14.8%	58.2	58.1	-0.1	-0.2%
16.0%	58.1	58.1	0.0	0.0%
17.3%	58.1	58.1	0.0	0.0%
18.5%	58.1	57.9	-0.2	-0.3%
19.8%	57.9	57.9	0.0	0.0%
21.0%	57.9	57.9	0.0	0.0%
22.2%	57.7	57.8	0.1	0.2%
23.5%	57.7	57.7	0.0	0.0%
24.7%	57.7	57.7	0.0	0.0%
25.9%	57.6	57.6	0.0	0.0%
27.2%	57.6	57.4	-0.2	-0.3%
28.4%	57.4	57.3	-0.1	-0.2%
29.6%	57.3	57.3	0.0	0.0%
30.9%	57.3	57.3	0.0	0.0%
32.1%	57.2	57.2	0.0	0.0%
33.3%	57.2	57.2	0.0	0.0%
34.6%	57.1	57.2	0.1	0.2%
35.8%	57.1	57.1	0.0	0.0%
37.0%	57.0	57.1	0.1	0.2%
38.3%	56.9	57.0	0.1	0.2%
39.5%	56.9	56.9	0.0	0.0%
40.7%	56.9	56.9	0.0	0.0%
42.0%	56.9	56.9	0.0	0.0%
43.2%	56.8	56.9	0.1	0.2%
44.4%	56.8	56.8	0.0	0.0%
45.7%	56.8	56.8	0.0	0.0%
46.9%	56.7	56.8	0.1	0.2%
48.1%	56.6	56.7	0.1	0.2%
49.4%	56.6	56.6	0.0	0.0%
50.6%	56.6	56.5	-0.1	-0.2%
51.9%	56.5	56.5	0.0	0.0%
53.1%	56.4	56.4	0.0	0.0%
54.3%	56.4	56.4	0.0	0.0%
55.6%	56.3	56.3	0.0	0.0%
56.8%	56.3	56.3	0.0	0.0%
58.0%	56.3	56.3	0.0	0.0%
59.3%	56.3	56.2	-0.1	-0.2%
60.5%	56.2	56.2	0.0	0.0%
61.7%	56.1	56.1	0.0	0.0%
63.0%	55.9	56.0	0.1	0.2%
64.2%	55.9	55.9	0.0	0.0%
65.4%	55.8	55.8	0.0	0.0%
66.7%	55.8	55.8	0.0	0.0%
67.9%	55.7	55.7	0.0	0.0%
69.1%	55.7	55.7	0.0	0.0%
70.4%	55.6	55.7	0.1	0.2%
71.6%	55.6	55.6	0.0	0.0%
72.8%	55.6	55.6	0.0	0.0%
74.1%	55.5	55.5	0.0	0.0%
75.3%	55.4	55.4	0.0	0.0%
76.5%	55.2	55.2	0.0	0.0%
77.8%	55.0	55.0	0.0	0.0%
79.0%	54.9	54.9	0.0	0.0%
80.2%	54.9	54.9	0.0	0.0%
81.5%	54.9	54.9	0.0	0.0%
82.7%	54.8	54.9	0.1	0.2%
84.0%	54.7	54.8	0.1	0.2%
85.2%	54.5	54.7	0.2	0.4%
86.4%	54.5	54.5	0.0	0.0%
87.7%	54.5	54.5	0.0	0.0%
88.9%	54.4	54.5	0.1	0.2%
90.1%	54.0	54.0	0.0	0.0%
91.4%	53.5	53.5	0.0	0.0%
92.6%	53.2	53.2	0.0	0.0%
93.8%	52.7	52.7	0.0	0.0%
95.1%	52.5	52.5	0.0	0.0%
96.3%	52.1	52.1	0.0	0.0%
97.5%	52.0	52.0	0.0	0.0%
98.8%	51.7	51.7	0.0	0.0%
100.0%	51.7	51.7	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	69.9	69.9	0.0	0.0%
1.2%	67.7	67.7	0.0	0.0%
2.5%	66.7	66.7	0.0	0.0%
3.7%	66.0	66.3	0.3	0.5%
4.9%	65.8	65.2	-0.6	-0.9%
6.2%	65.4	65.2	-0.2	-0.3%
7.4%	65.4	64.8	-0.6	-0.9%
8.6%	65.3	64.8	-0.5	-0.8%
9.9%	65.2	64.7	-0.5	-0.8%
11.1%	64.8	64.5	-0.3	-0.5%
12.3%	64.8	64.4	-0.4	-0.6%
13.6%	64.7	64.1	-0.6	-0.9%
14.8%	64.6	64.0	-0.6	-0.9%
16.0%	64.0	63.9	-0.1	-0.2%
17.3%	63.9	63.8	-0.1	-0.2%
18.5%	63.8	63.8	0.0	0.0%
19.8%	63.8	63.7	-0.1	-0.2%
21.0%	63.7	63.5	-0.2	-0.3%
22.2%	63.5	63.5	0.0	0.0%
23.5%	63.5	63.5	0.0	0.0%
24.7%	63.5	63.5	0.0	0.0%
25.9%	63.5	63.3	-0.2	-0.3%
27.2%	63.3	63.3	0.0	0.0%
28.4%	63.3	63.3	0.0	0.0%
29.6%	63.3	63.2	-0.1	-0.2%
30.9%	63.2	63.1	-0.1	-0.2%
32.1%	63.1	63.1	0.0	0.0%
33.3%	63.1	63.0	-0.1	-0.2%
34.6%	62.9	62.9	0.0	0.0%
35.8%	62.8	62.8	0.0	0.0%
37.0%	62.8	62.8	0.0	0.0%
38.3%	62.8	62.8	0.0	0.0%
39.5%	62.8	62.7	-0.1	-0.2%
40.7%	62.7	62.7	0.0	0.0%
42.0%	62.7	62.6	-0.1	-0.2%
43.2%	62.7	62.6	-0.1	-0.2%
44.4%	62.6	62.5	-0.1	-0.2%
45.7%	62.6	62.5	-0.1	-0.2%
46.9%	62.5	62.4	-0.1	-0.2%
48.1%	62.4	62.4	0.0	0.0%
49.4%	62.4	62.4	0.0	0.0%
50.6%	62.2	62.2	0.0	0.0%
51.9%	62.2	62.2	0.0	0.0%
53.1%	62.1	62.0	-0.1	-0.2%
54.3%	62.0	62.0	0.0	0.0%
55.6%	62.0	61.9	-0.1	-0.2%
56.8%	61.9	61.9	0.0	0.0%
58.0%	61.9	61.9	0.0	0.0%
59.3%	61.8	61.8	0.0	0.0%
60.5%	61.7	61.8	0.1	0.2%
61.7%	61.6	61.7	0.1	0.2%
63.0%	61.5	61.5	0.0	0.0%
64.2%	61.4	61.4	0.0	0.0%
65.4%	61.1	61.1	0.0	0.0%
66.7%	61.1	61.1	0.0	0.0%
67.9%	61.0	61.0	0.0	0.0%
69.1%	60.8	60.8	0.0	0.0%
70.4%	60.8	60.8	0.0	0.0%
71.6%	60.8	60.8	0.0	0.0%
72.8%	60.7	60.7	0.0	0.0%
74.1%	60.2	60.2	0.0	0.0%
75.3%	60.1	60.1	0.0	0.0%
76.5%	60.1	60.1	0.0	0.0%
77.8%	60.0	60.0	0.0	0.0%
79.0%	60.0	60.0	0.0	0.0%
80.2%	59.8	59.8	0.0	0.0%
81.5%	59.6	59.6	0.0	0.0%
82.7%	59.6	59.6	0.0	0.0%
84.0%	59.5	59.5	0.0	0.0%
85.2%	59.5	59.5	0.0	0.0%
86.4%	59.2	59.2	0.0	0.0%
87.7%	59.0	59.0	0.0	0.0%
88.9%	59.0	59.0	0.0	0.0%
90.1%	59.0	59.0	0.0	0.0%
91.4%	58.9	58.9	0.0	0.0%
92.6%	58.6	58.6	0.0	0.0%
93.8%	57.9	57.9	0.0	0.0%
95.1%	57.7	57.7	0.0	0.0%
96.3%	57.5	57.5	0.0	0.0%
97.5%	57.1	57.1	0.0	0.0%
98.8%	55.8	55.8	0.0	0.0%
100.0%	55.8	55.8	0.0	0.0%

Table SQ-16-9b

Feather River below Thermalito Afterbay, Monthly Temperature

Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	71.6	71.6	0.0	0.0%
1.2%	70.8	71.5	0.7	1.0%
2.5%	70.3	70.4	0.1	0.1%
3.7%	70.0	69.9	-0.1	-0.1%
4.9%	69.9	69.8	-0.1	-0.1%
6.2%	69.8	69.7	-0.1	-0.1%
7.4%	69.5	69.6	0.1	0.1%
8.6%	69.5	69.6	0.1	0.1%
9.9%	69.3	69.6	0.3	0.4%
11.1%	69.3	69.6	0.3	0.4%
12.3%	69.3	69.3	0.0	0.0%
13.6%	69.1	69.3	0.2	0.3%
14.8%	69.1	69.2	0.1	0.1%
16.0%	69.0	69.1	0.1	0.1%
17.3%	69.0	69.1	0.1	0.1%
18.5%	69.0	69.1	0.1	0.1%
19.8%	69.0	69.0	0.0	0.0%
21.0%	68.9	68.9	0.0	0.0%
22.2%	68.8	68.7	-0.1	-0.1%
23.5%	68.7	68.6	-0.1	-0.1%
24.7%	68.7	68.6	-0.1	-0.1%
25.9%	68.5	68.5	0.0	0.0%
27.2%	68.3	68.5	0.2	0.3%
28.4%	68.2	68.5	0.3	0.4%
29.6%	68.1	68.4	0.3	0.4%
30.9%	68.1	68.4	0.3	0.4%
32.1%	68.1	68.3	0.2	0.3%
33.3%	68.1	68.3	0.2	0.3%
34.6%	68.0	68.3	0.3	0.4%
35.8%	68.0	68.3	0.3	0.4%
37.0%	68.0	68.1	0.1	0.1%
38.3%	67.9	68.1	0.2	0.3%
39.5%	67.8	68.0	0.2	0.3%
40.7%	67.7	67.9	0.2	0.3%
42.0%	67.6	67.8	0.2	0.3%
43.2%	67.6	67.7	0.1	0.1%
44.4%	67.5	67.6	0.1	0.1%
45.7%	67.5	67.5	0.0	0.0%
46.9%	67.4	67.5	0.1	0.1%
48.1%	67.3	67.5	0.2	0.3%
49.4%	67.3	67.5	0.2	0.3%
50.6%	67.2	67.4	0.2	0.3%
51.9%	67.1	67.4	0.3	0.4%
53.1%	67.1	67.3	0.2	0.3%
54.3%	67.1	67.2	0.1	0.1%
55.6%	67.0	67.2	0.2	0.3%
56.8%	66.9	67.0	0.1	0.1%
58.0%	66.8	67.0	0.2	0.3%
59.3%	66.8	67.0	0.2	0.3%
60.5%	66.8	67.0	0.2	0.3%
61.7%	66.6	66.9	0.3	0.5%
63.0%	66.4	66.8	0.4	0.6%
64.2%	66.3	66.6	0.3	0.5%
65.4%	66.3	66.6	0.3	0.5%
66.7%	66.3	66.4	0.1	0.2%
67.9%	66.2	66.3	0.1	0.2%
69.1%	66.0	66.3	0.3	0.5%
70.4%	65.8	66.3	0.5	0.8%
71.6%	65.8	66.3	0.5	0.8%
72.8%	65.8	66.2	0.4	0.6%
74.1%	65.8	65.9	0.1	0.2%
75.3%	65.7	65.8	0.1	0.2%
76.5%	65.5	65.8	0.3	0.5%
77.8%	65.4	65.7	0.3	0.5%
79.0%	65.4	65.6	0.2	0.3%
80.2%	65.3	65.4	0.1	0.2%
81.5%	65.1	65.2	0.1	0.2%
82.7%	65.0	65.1	0.1	0.2%
84.0%	65.0	65.0	0.0	0.0%
85.2%	64.8	64.8	0.0	0.0%
86.4%	64.6	64.8	0.2	0.3%
87.7%	64.6	64.6	0.0	0.0%
88.9%	64.4	64.6	0.2	0.3%
90.1%	64.0	64.4	0.4	0.6%
91.4%	63.6	64.2	0.6	0.9%
92.6%	63.4	63.6	0.2	0.3%
93.8%	63.2	63.4	0.2	0.3%
95.1%	61.9	61.9	0.0	0.0%
96.3%	61.7	61.7	0.0	0.0%
97.5%	61.0	61.0	0.0	0.0%
98.8%	60.0	60.0	0.0	0.0%
100.0%	60.0	60.0	0.0	0.0%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	74.3	74.0	-0.3	-0.4%
1.2%	74.2	73.6	-0.6	-0.8%
2.5%	74.0	72.6	-1.4	-1.9%
3.7%	73.3	72.6	-0.7	-1.0%
4.9%	73.0	72.4	-0.6	-0.8%
6.2%	72.6	72.2	-0.4	-0.6%
7.4%	72.3	71.8	-0.5	-0.7%
8.6%	72.2	71.5	-0.7	-1.0%
9.9%	71.7	70.6	-1.1	-1.5%
11.1%	71.0	70.5	-0.5	-0.7%
12.3%	70.8	70.3	-0.5	-0.7%
13.6%	70.7	70.1	-0.6	-0.8%
14.8%	69.8	70.0	0.2	0.3%
16.0%	69.8	70.0	0.2	0.3%
17.3%	69.6	69.6	0.0	0.0%
18.5%	69.6	69.6	0.0	0.0%
19.8%	69.2	69.6	0.4	0.6%
21.0%	69.2	69.5	0.3	0.4%
22.2%	69.2	69.5	0.3	0.4%
23.5%	69.1	69.4	0.3	0.4%
24.7%	69.1	69.3	0.2	0.3%
25.9%	69.1	69.3	0.2	0.3%
27.2%	69.1	69.2	0.1	0.1%
28.4%	69.1	69.2	0.1	0.1%
29.6%	69.1	69.2	0.1	0.1%
30.9%	69.1	69.2	0.1	0.1%
32.1%	69.1	69.1	0.0	0.0%
33.3%	69.0	69.1	0.1	0.1%
34.6%	69.0	69.1	0.1	0.1%
35.8%	68.9	69.0	0.1	0.1%
37.0%	68.8	68.9	0.1	0.1%
38.3%	68.7	68.9	0.2	0.3%
39.5%	68.7	68.8	0.1	0.1%
40.7%	68.7	68.8	0.1	0.1%
42.0%	68.6	68.8	0.2	0.3%
43.2%	68.6	68.8	0.2	0.3%
44.4%	68.5	68.7	0.2	0.3%
45.7%	68.5	68.7	0.2	0.3%
46.9%	68.5	68.7	0.2	0.3%
48.1%	68.4	68.7	0.3	0.4%
49.4%	68.4	68.6	0.2	0.3%
50.6%	68.3	68.6	0.3	0.4%
51.9%	68.3	68.6	0.3	0.4%
53.1%	68.3	68.5	0.2	0.3%
54.3%	68.3	68.4	0.1	0.1%
55.6%	68.2	68.4	0.2	0.3%
56.8%	68.1	68.3	0.2	0.3%
58.0%	68.0	68.3	0.3	0.4%
59.3%	68.0	68.2	0.2	0.3%
60.5%	68.0	68.1	0.1	0.1%
61.7%	67.9	68.1	0.2	0.3%
63.0%	67.9	68.0	0.1	0.1%
64.2%	67.8	68.0	0.2	0.3%
65.4%	67.8	68.0	0.2	0.3%
66.7%	67.8	68.0	0.2	0.3%
67.9%	67.7	67.9	0.2	0.3%
69.1%	67.7	67.7	0.0	0.0%
70.4%	67.6	67.7	0.1	0.1%
71.6%	67.6	67.6	0.0	0.0%
72.8%	67.6	67.6	0.0	0.0%
74.1%	67.5	67.6	0.1	0.1%
75.3%	67.5	67.6	0.1	0.1%
76.5%	67.3	67.5	0.2	0.3%
77.8%	67.3	67.5	0.2	0.3%
79.0%	67.2	67.4	0.2	0.3%
80.2%	67.2	67.4	0.2	0.3%
81.5%	67.1	67.2	0.1	0.1%
82.7%	67.0	67.2	0.2	0.3%
84.0%	66.9	67.2	0.3	0.4%
85.2%	66.9	67.1	0.2	0.3%
86.4%	66.8	66.9	0.1	0.1%
87.7%	66.8	66.9	0.1	0.1%
88.9%	66.7	66.8	0.1	0.1%
90.1%	66.7	66.7	0.0	0.0%
91.4%	66.5	66.5	0.0	0.0%
92.6%	66.4	66.5	0.1	0.2%
93.8%	66.4	66.4	0.0	0.0%
95.1%	66.4	66.4	0.0	0.0%
96.3%	66.4	66.4	0.0	0.0%
97.5%	66.4	66.3	-0.1	-0.2%
98.8%	66.3	66.2	-0.1	-0.2%
100.0%	66.3	66.2	-0.1	-0.2%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	76.1	75.0	-1.1	-1.4%
1.2%	74.8	74.0	-0.8	-1.1%
2.5%	73.6	73.7	0.1	0.1%
3.7%	73.4	73.5	0.1	0.1%
4.9%	73.4	72.8	-0.6	-0.8%
6.2%	73.2	72.1	-1.1	-1.5%
7.4%	71.9	72.0	0.1	0.1%
8.6%	71.2	71.6	0.4	0.6%
9.9%	71.2	71.5	0.3	0.4%
11.1%	71.0	71.5	0.5	0.7%
12.3%	70.6	71.2	0.6	0.8%
13.6%	70.5	71.2	0.7	1.0%
14.8%	70.5	71.1	0.6	0.9%
16.0%	70.5	71.1	0.6	0.9%
17.3%	70.3	71.1	0.8	1.1%
18.5%	70.3	71.0	0.7	1.0%
19.8%	70.1	70.9	0.8	1.1%
21.0%	70.1	70.8	0.7	1.0%
22.2%	70.1	70.5	0.4	0.6%
23.5%	70.1	70.4	0.3	0.4%
24.7%	70.0	70.4	0.4	0.6%
25.9%	69.9	70.3	0.4	0.6%
27.2%	69.8	70.1	0.3	0.4%
28.4%	69.8	70.0	0.2	0.3%
29.6%	69.7	70.0	0.3	0.4%
30.9%	69.6	69.8	0.2	0.3%
32.1%	69.6	69.8	0.2	0.3%
33.3%	69.4	69.6	0.2	0.3%
34.6%	69.4	69.5	0.1	0.1%
35.8%	69.3	69.5	0.2	0.3%
37.0%	69.3	69.3	0.0	0.0%
38.3%	69.2	69.2	0.0	0.0%
39.5%	69.0	68.9	-0.1	-0.1%
40.7%	68.9	68.7	-0.2	-0.3%
42.0%	68.7	68.6	-0.1	-0.1%
43.2%	68.7	68.5	-0.2	-0.3%
44.4%	68.7	68.4	-0.3	-0.4%
45.7%	68.6	68.4	-0.2	-0.3%
46.9%	68.5	68.3	-0.2	-0.3%
48.1%	68.5	68.3	-0.2	-0.3%
49.4%	68.4	68.1	-0.3	-0.4%
50.6%	68.4	68.1	-0.3	-0.4%
51.9%	68.4	68.0	-0.4	-0.6%
53.1%	68.3	67.9	-0.4	-0.6%
54.3%	68.3	67.8	-0.5	-0.7%
55.6%	68.2	67.8	-0.4	-0.6%
56.8%	68.2	67.7	-0.5	-0.7%
58.0%	67.7	67.6	-0.1	-0.1%
59.3%	67.7	67.6	-0.1	-0.1%
60.5%	67.7	67.5	-0.2	-0.3%
61.7%	67.6	67.5	-0.1	-0.1%
63.0%	67.5	67.4	-0.1	-0.1%
64.2%	67.5	67.3	-0.2	-0.3%
65.4%	67.4	67.3	-0.1	-0.1%
66.7%	67.3	67.3	0.0	0.0%
67.9%	67.3	67.2	-0.1	-0.1%
69.1%	67.2	67.2	0.0	0.0%
70.4%	67.2	67.2	0.0	0.0%
71.6%	67.2	67.1	-0.1	-0.1%
72.8%	67.2	67.0	-0.2	-0.3%
74.1%	67.0	66.9	-0.1	-0.1%
75.3%	66.9	66.8	-0.1	-0.1%
76.5%	66.8	66.8	0.0	0.0%
77.8%	66.7	66.8	0.1	0.1%
79.0%	66.6	66.7	0.1	0.2%
80.2%	66.6	66.6	0.0	0.0%
81.5%	66.5	66.6	0.1	0.2%
82.7%	66.5	66.5	0.0	0.0%
84.0%	66.4	66.5	0.1	0.2%
85.2%	66.3	66.4	0.1	0.2%
86.4%	66.3	66.3	0.0	0.0%
87.7%	66.2	66.3	0.1	0.2%
88.9%	66.0	66.1	0.1	0.2%
90.1%	66.0	65.9	-0.1	-0.2%
91.4%	65.9	65.9	0.0	0.0%
92.6%	65.9	65.9	0.0	0.0%
93.8%	65.7	65.8	0.1	0.2%
95.1%	65.7	65.7	0.0	0.0%
96.3%	65.6	65.6	0.0	0.0%
97.5%	65.5	65.5	0.0	0.0%
98.8%	65.4	65.5	0.1	0.2%
100.0%	65.4	65.5	0.1	0.2%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	69.0	68.1	-0.9	-1.3%
1.2%	67.9	67.8	-0.1	-0.1%
2.5%	67.3	67.2	-0.1	-0.1%
3.7%	66.8	66.6	-0.2	-0.3%
4.9%	66.4	66.5	0.1	0.2%
6.2%	66.4	66.4	0.0	0.0%
7.4%	66.0	66.1	0.1	0.2%
8.6%	65.8	65.8	0.0	0.0%
9.9%	65.8	65.8	0.0	0.0%
11.1%	65.7	65.7	0.0	0.0%
12.3%	65.5	65.6	0.1	0.2%
13.6%	65.5	65.6	0.1	0.2%
14.8%	65.4	65.5	0.1	0.2%
16.0%	65.4	65.5	0.1	0.2%
17.3%	65.3	65.5	0.2	0.3%
18.5%	65.3	65.4	0.1	0.2%
19.8%	65.2	65.4	0.2	0.3%
21.0%	65.0	65.3	0.3	0.5%
22.2%	64.9	65.3	0.4	0.6%
23.5%	64.8	65.1	0.3	0.5%
24.7%	64.6	65.1	0.5	0.8%
25.9%	64.6	65.0	0.4	0.6%
27.2%	64.5	65.0	0.5	0.8%
28.4%	64.4	64.8	0.4	0.6%
29.6%	64.3	64.7	0.4	0.6%
30.9%	64.0	64.7	0.7	1.1%
32.1%	64.0	64.6	0.6	0.9%
33.3%	63.6	64.6	1.0	1.6%
34.6%	63.6	64.6	1.0	1.6%
35.8%	63.4	64.5	1.1	1.7%
37.0%	63.3	64.4	1.1	1.7%
38.3%	63.3	64.3	1.0	1.6%
39.5%	63.2	64.1	0.9	1.4%
40.7%	63.2	63.7	0.5	0.8%
42.0%	63.2	63.6	0.4	0.6%
43.2%	63.2	63.5	0.3	0.5%
44.4%	63.2	63.4	0.2	0.3%
45.7%	62.9	63.4	0.5	0.8%
46.9%	62.9	62.5	-0.4	-0.6%
48.1%	62.8	62.4	-0.4	-0.6%
49.4%	62.8	62.3	-0.5	-0.8%
50.6%	62.7	62.2	-0.5	-0.8%
51.9%	62.4	62.1	-0.3	-0.5%
53.1%	62.4	62.0	-0.4	-0.6%
54.3%	62.3	61.9	-0.4	-0.6%
55.6%	62.3	61.9	-0.4	-0.6%
56.8%	62.2	61.8	-0.4	-0.6%
58.0%	62.1	61.8	-0.3	-0.5%
59.3%	62.0	61.7	-0.3	-0.5%
60.5%	62.0	61.6	-0.4	-0.6%
61.7%	61.7	61.6	-0.1	-0.2%
63.0%	61.6	61.4	-0.2	-0.3%
64.2%	61.4	61.3	-0.1	-0.2%
65.4%	61.3	61.3	0.0	0.0%
66.7%	61.2	61.2	0.0	0.0%
67.9%	61.2	61.2	0.0	0.0%
69.1%	61.2	61.1	-0.1	-0.2%
70.4%	61.2	61.0	-0.2	-0.3%
71.6%	61.0	60.9	-0.1	-0.2%
72.8%	61.0	60.8	-0.2	-0.3%
74.1%	60.9	60.8	-0.1	-0.2%
75.3%	60.8	60.7	-0.1	-0.2%
76.5%	60.8	60.7	-0.1	-0.2%
77.8%	60.7	60.6	-0.1	-0.2%
79.0%	60.7	60.6	-0.1	-0.2%
80.2%	60.5	60.6	0.1	0.2%
81.5%	60.4	60.4	0.0	0.0%
82.7%	60.3	60.4	0.1	0.2%
84.0%	60.2	60.3	0.1	0.2%
85.2%	60.2	60.2	0.0	0.0%
86.4%	60.2	60.1	-0.1	-0.2%
87.7%	60.0	60.1	0.1	0.2%
88.9%	59.8	60.1	0.3	0.5%
90.1%	59.7	59.8	0.1	0.2%
91.4%	59.5	59.4	-0.1	-0.2%
92.6%	59.1	59.1	0.0	0.0%
93.8%	59.0	59.0	0.0	0.0%
95.1%	58.8	58.8	0.0	0.0%
96.3%	58.7	58.7	0.0	0.0%
97.5%	58.6	58.6	0.0	0.0%
98.8%	57.8	57.8	0.0	0.0%
100.0%	57.8	57.8	0.0	0.0%

Table SQ-17-9a
Feather River at the Mouth, Monthly Temperature
Long-term Average and Average by Water Year Type

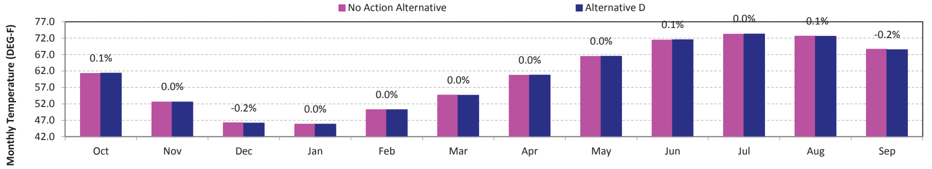
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	61.3	52.5	46.2	45.8	50.2	54.6	60.7	66.4	71.4	73.2	72.6	68.6
Alternative D	61.3	52.5	46.1	45.8	50.2	54.6	60.7	66.5	71.5	73.2	72.5	68.5
Difference	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	-0.1
Percent Difference[3]	0.1%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	-0.2%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	60.7	52.8	46.6	46.6	50.0	53.4	58.6	64.5	69.7	73.4	72.9	66.7
Alternative D	60.7	52.8	46.5	46.6	50.0	53.4	58.6	64.5	69.6	73.5	73.1	66.5
Difference	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.2
Percent Difference	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.4%
Above Normal (15%)												
No Action Alternative	60.5	51.4	46.0	46.0	50.2	54.4	60.5	66.4	71.4	72.1	71.0	66.8
Alternative D	60.5	51.5	45.8	46.0	50.2	54.4	60.5	66.4	71.3	72.1	71.2	66.6
Difference	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	-0.1
Percent Difference	0.0%	0.0%	-0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.2%	-0.2%
Below Normal (17%)												
No Action Alternative	61.3	52.5	45.8	45.4	49.7	55.0	60.8	66.6	71.7	72.7	71.9	70.0
Alternative D	61.4	52.5	45.9	45.4	49.7	54.9	60.8	66.6	71.6	72.7	72.1	70.2
Difference	0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
Percent Difference	0.2%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.3%
Dry (22%)												
No Action Alternative	61.6	52.7	46.3	44.8	50.2	55.4	62.0	67.7	72.9	72.8	72.1	70.2
Alternative D	61.7	52.8	46.2	44.8	50.2	55.4	62.0	67.8	73.2	73.0	71.8	70.0
Difference	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.2	-0.2	-0.2
Percent Difference	0.2%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.3%	0.3%	-0.3%	-0.3%
Critical (15%)												
No Action Alternative	62.6	52.6	45.7	45.3	51.1	55.8	63.1	68.1	72.3	74.9	74.7	70.3
Alternative D	62.6	52.6	45.5	45.3	51.0	55.8	63.2	68.1	72.7	74.8	74.0	70.1
Difference	0.0	0.0	-0.3	0.0	0.0	0.0	0.1	0.0	0.3	-0.2	-0.7	-0.2
Percent Difference	0.0%	-0.1%	-0.6%	0.1%	0.0%	0.0%	0.1%	0.0%	0.5%	-0.3%	-0.9%	-0.3%

1 Based on the 82-year simulation period

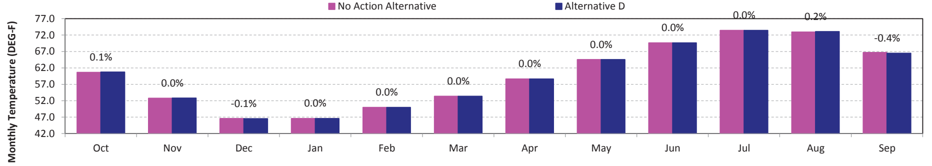
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

3 Relative difference of the monthly average

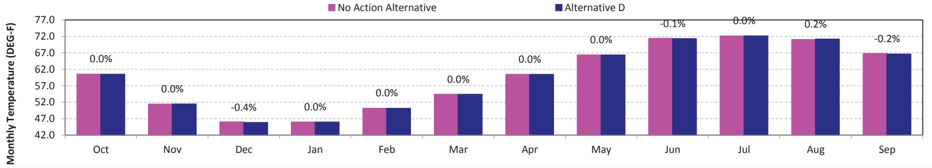
Feather River at the Mouth, Monthly Temperature
Full Simulation Period



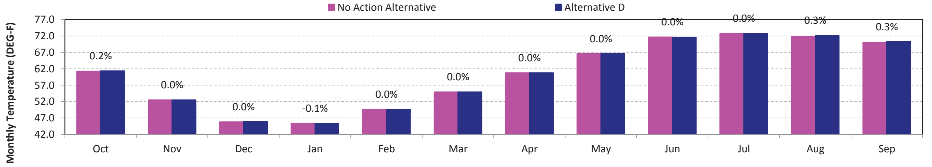
Feather River at the Mouth, Monthly Temperature
Wet Water Year Types (32%)



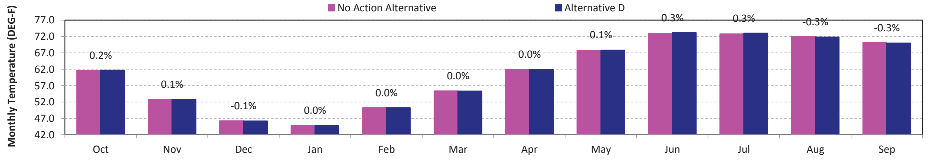
Feather River at the Mouth, Monthly Temperature
Above Normal Water Year Types (15%)



Feather River at the Mouth, Monthly Temperature
Below Normal Water Year Types (17%)



Feather River at the Mouth, Monthly Temperature
Dry Water Year Types (22%)



Feather River at the Mouth, Monthly Temperature
Critical Water Year Types (15%)

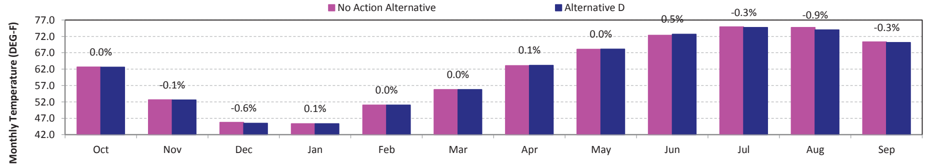


Figure SQ-17-9b
Feather River at the Mouth, Monthly Temperature
Probability of Exceedance

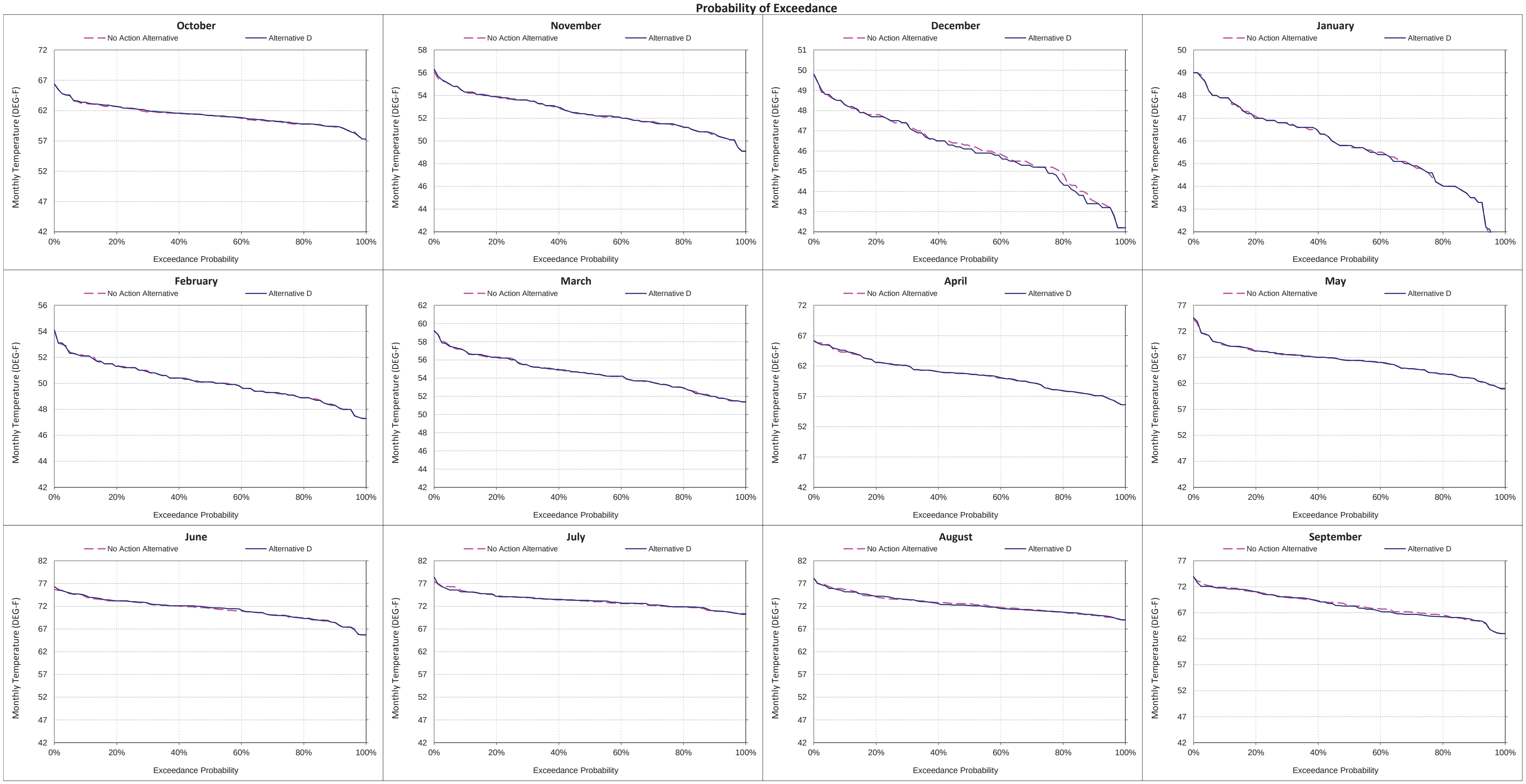


Table SQ-17-9b

Feather River at the Mouth, Monthly Temperature

Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.4	66.4	0.0	0.0%
1.2%	65.5	65.5	0.0	0.0%
2.5%	64.8	64.8	0.0	0.0%
3.7%	64.6	64.6	0.0	0.0%
4.9%	64.6	64.5	-0.1	-0.2%
6.2%	63.6	63.7	0.1	0.2%
7.4%	63.5	63.6	0.1	0.2%
8.6%	63.2	63.4	0.2	0.3%
9.9%	63.2	63.4	0.2	0.3%
11.1%	63.1	63.2	0.1	0.2%
12.3%	63.1	63.1	0.0	0.0%
13.6%	63.0	63.1	0.1	0.2%
14.8%	62.9	63.0	0.1	0.2%
16.0%	62.7	62.9	0.2	0.3%
17.3%	62.7	62.9	0.2	0.3%
18.5%	62.7	62.8	0.1	0.2%
19.8%	62.7	62.7	0.0	0.0%
21.0%	62.6	62.6	0.0	0.0%
22.2%	62.5	62.4	-0.1	-0.2%
23.5%	62.4	62.4	0.0	0.0%
24.7%	62.3	62.4	0.1	0.2%
25.9%	62.3	62.3	0.0	0.0%
27.2%	62.1	62.2	0.1	0.2%
28.4%	61.9	62.2	0.3	0.5%
29.6%	61.8	62.0	0.2	0.3%
30.9%	61.8	61.9	0.1	0.2%
32.1%	61.8	61.9	0.1	0.2%
33.3%	61.7	61.8	0.1	0.2%
34.6%	61.7	61.8	0.1	0.2%
35.8%	61.6	61.7	0.1	0.2%
37.0%	61.6	61.7	0.1	0.2%
38.3%	61.6	61.6	0.0	0.0%
39.5%	61.5	61.6	0.1	0.2%
40.7%	61.5	61.6	0.1	0.2%
42.0%	61.5	61.5	0.0	0.0%
43.2%	61.4	61.5	0.1	0.2%
44.4%	61.4	61.4	0.0	0.0%
45.7%	61.4	61.4	0.0	0.0%
46.9%	61.4	61.4	0.0	0.0%
48.1%	61.3	61.3	0.0	0.0%
49.4%	61.2	61.2	0.0	0.0%
50.6%	61.2	61.2	0.0	0.0%
51.9%	61.1	61.1	0.0	0.0%
53.1%	61.0	61.1	0.1	0.2%
54.3%	61.0	61.1	0.1	0.2%
55.6%	61.0	61.0	0.0	0.0%
56.8%	60.9	61.0	0.1	0.2%
58.0%	60.9	60.9	0.0	0.0%
59.3%	60.8	60.9	0.1	0.2%
60.5%	60.7	60.8	0.1	0.2%
61.7%	60.5	60.7	0.2	0.3%
63.0%	60.5	60.6	0.1	0.2%
64.2%	60.4	60.6	0.2	0.3%
65.4%	60.4	60.5	0.1	0.2%
66.7%	60.4	60.5	0.1	0.2%
67.9%	60.3	60.4	0.1	0.2%
69.1%	60.2	60.3	0.1	0.2%
70.4%	60.2	60.3	0.1	0.2%
71.6%	60.2	60.2	0.0	0.0%
72.8%	60.1	60.2	0.1	0.2%
74.1%	59.9	60.1	0.2	0.3%
75.3%	59.9	60.1	0.2	0.3%
76.5%	59.8	59.9	0.1	0.2%
77.8%	59.8	59.9	0.1	0.2%
79.0%	59.8	59.8	0.0	0.0%
80.2%	59.8	59.8	0.0	0.0%
81.5%	59.8	59.8	0.0	0.0%
82.7%	59.8	59.8	0.0	0.0%
84.0%	59.7	59.7	0.0	0.0%
85.2%	59.7	59.6	-0.1	-0.2%
86.4%	59.5	59.5	0.0	0.0%
87.7%	59.4	59.4	0.0	0.0%
88.9%	59.4	59.4	0.0	0.0%
90.1%	59.3	59.4	0.1	0.2%
91.4%	59.3	59.3	0.0	0.0%
92.6%	59.1	59.1	0.0	0.0%
93.8%	58.8	58.8	0.0	0.0%
95.1%	58.6	58.5	-0.1	-0.2%
96.3%	58.5	58.3	-0.2	-0.3%
97.5%	57.8	57.8	0.0	0.0%
98.8%	57.3	57.3	0.0	0.0%
100.0%	57.3	57.3	0.0	0.0%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.1	56.3	0.2	0.4%
1.2%	55.5	55.7	0.2	0.4%
2.5%	55.3	55.4	0.1	0.2%
3.7%	55.2	55.2	0.0	0.0%
4.9%	55.0	55.0	0.0	0.0%
6.2%	54.8	54.8	0.0	0.0%
7.4%	54.8	54.8	0.0	0.0%
8.6%	54.5	54.5	0.0	0.0%
9.9%	54.3	54.3	0.0	0.0%
11.1%	54.2	54.3	0.1	0.2%
12.3%	54.2	54.3	0.1	0.2%
13.6%	54.2	54.1	-0.1	-0.2%
14.8%	54.1	54.1	0.0	0.0%
16.0%	54.1	54.0	-0.1	-0.2%
17.3%	54.0	54.0	0.0	0.0%
18.5%	53.9	53.9	0.0	0.0%
19.8%	53.9	53.9	0.0	0.0%
21.0%	53.9	53.8	-0.1	-0.2%
22.2%	53.8	53.8	0.0	0.0%
23.5%	53.7	53.8	0.1	0.2%
24.7%	53.7	53.7	0.0	0.0%
25.9%	53.7	53.6	-0.1	-0.2%
27.2%	53.6	53.6	0.0	0.0%
28.4%	53.6	53.6	0.0	0.0%
29.6%	53.6	53.6	0.0	0.0%
30.9%	53.5	53.5	0.0	0.0%
32.1%	53.5	53.5	0.0	0.0%
33.3%	53.3	53.3	0.0	0.0%
34.6%	53.2	53.3	0.1	0.2%
35.8%	53.1	53.1	0.0	0.0%
37.0%	53.1	53.1	0.0	0.0%
38.3%	53.0	53.1	0.1	0.2%
39.5%	53.0	53.0	0.0	0.0%
40.7%	52.8	52.9	0.1	0.2%
42.0%	52.7	52.7	0.0	0.0%
43.2%	52.6	52.6	0.0	0.0%
44.4%	52.5	52.5	0.0	0.0%
45.7%	52.4	52.5	0.1	0.2%
46.9%	52.4	52.4	0.0	0.0%
48.1%	52.4	52.4	0.0	0.0%
49.4%	52.3	52.3	0.0	0.0%
50.6%	52.3	52.3	0.0	0.0%
51.9%	52.2	52.2	0.0	0.0%
53.1%	52.2	52.2	0.0	0.0%
54.3%	52.1	52.2	0.1	0.2%
55.6%	52.1	52.2	0.1	0.2%
56.8%	52.1	52.2	0.1	0.2%
58.0%	52.1	52.1	0.0	0.0%
59.3%	52.1	52.1	0.0	0.0%
60.5%	52.0	52.0	0.0	0.0%
61.7%	52.0	52.0	0.0	0.0%
63.0%	51.9	51.9	0.0	0.0%
64.2%	51.8	51.8	0.0	0.0%
65.4%	51.8	51.8	0.0	0.0%
66.7%	51.7	51.7	0.0	0.0%
67.9%	51.7	51.7	0.0	0.0%
69.1%	51.7	51.7	0.0	0.0%
70.4%	51.7	51.6	-0.1	-0.2%
71.6%	51.6	51.5	-0.1	-0.2%
72.8%	51.5	51.5	0.0	0.0%
74.1%	51.5	51.5	0.0	0.0%
75.3%	51.5	51.5	0.0	0.0%
76.5%	51.4	51.5	0.1	0.2%
77.8%	51.4	51.4	0.0	0.0%
79.0%	51.3	51.3	0.0	0.0%
80.2%	51.2	51.2	0.0	0.0%
81.5%	51.2	51.2	0.0	0.0%
82.7%	51.0	51.0	0.0	0.0%
84.0%	50.9	50.9	0.0	0.0%
85.2%	50.8	50.8	0.0	0.0%
86.4%	50.8	50.8	0.0	0.0%
87.7%	50.8	50.8	0.0	0.0%
88.9%	50.6	50.7	0.1	0.2%
90.1%	50.5	50.6	0.1	0.2%
91.4%	50.4	50.4	0.0	0.0%
92.6%	50.3	50.3	0.0	0.0%
93.8%	50.2	50.2	0.0	0.0%
95.1%	50.1	50.1	0.0	0.0%
96.3%	50.1	50.1	0.0	0.0%
97.5%	49.4	49.4	0.0	0.0%
98.8%	49.1	49.1	0.0	0.0%
100.0%	49.1	49.1	0.0	0.0%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	49.8	49.8	0.0	0.0%
1.2%	49.4	49.4	0.0	0.0%
2.5%	48.9	49.0	0.1	0.2%
3.7%	48.9	48.8	-0.1	-0.2%
4.9%	48.7	48.8	0.1	0.2%
6.2%	48.6	48.6	0.0	0.0%
7.4%	48.5	48.5	0.0	0.0%
8.6%	48.5	48.5	0.0	0.0%
9.9%	48.3	48.3	0.0	0.0%
11.1%	48.2	48.2	0.0	0.0%
12.3%	48.1	48.2	0.1	0.2%
13.6%	48.1	48.1	0.0	0.0%
14.8%	48.0	47.9	-0.1	-0.2%
16.0%	47.9	47.9	0.0	0.0%
17.3%	47.8	47.8	0.0	0.0%
18.5%	47.8	47.7	-0.1	-0.2%
19.8%	47.8	47.7	-0.1	-0.2%
21.0%	47.8	47.7	-0.1	-0.2%
22.2%	47.7	47.7	0.0	0.0%
23.5%	47.6	47.6	0.0	0.0%
24.7%	47.5	47.5	0.0	0.0%
25.9%	47.4	47.5	0.1	0.2%
27.2%	47.4	47.5	0.1	0.2%
28.4%	47.4	47.4	0.0	0.0%
29.6%	47.4	47.4	0.0	0.0%
30.9%	47.2	47.1	-0.1	-0.2%
32.1%	47.1	47.0	-0.1	-0.2%
33.3%	47.0	46.9	-0.1	-0.2%
34.6%	47.0	46.9	-0.1	-0.2%
35.8%	46.8	46.7	-0.1	-0.2%
37.0%	46.6	46.6	0.0	0.0%
38.3%	46.6	46.6	0.0	0.0%
39.5%	46.5	46.5	0.0	0.0%
40.7%	46.5	46.5	0.0	0.0%
42.0%	46.5	46.5	0.0	0.0%
43.2%	46.5	46.3	-0.2	-0.4%
44.4%	46.4	46.3	-0.1	-0.2%
45.7%	46.4	46.2	-0.2	-0.4%
46.9%	46.4	46.2	-0.2	-0.4%
48.1%	46.3	46.1	-0.2	-0.4%
49.4%	46.3	46.1	-0.2	-0.4%
50.6%	46.2	46.1	-0.1	-0.2%
51.9%	46.2	45.9	-0.3	-0.6%
53.1%	46.1	45.9	-0.2	-0.4%
54.3%	46.0	45.9	-0.1	-0.2%
55.6%	46.0	45.9	-0.1	-0.2%
56.8%	46.0	45.9	-0.1	-0.2%
58.0%	45.9	45.8	-0.1	-0.2%
59.3%	45.9	45.8	-0.1	-0.2%
60.5%	45.8	45.6	-0.2	-0.4%
61.7%	45.7	45.6	-0.1	-0.2%
63.0%	45.6	45.5	-0.1	-0.2%
64.2%	45.5	45.5	0.0	0.0%
65.4%	45.5	45.4	-0.1	-0.2%
66.7%	45.5	45.3	-0.2	-0.4%
67.9%	45.5	45.3	-0.2	-0.4%
69.1%	45.4	45.3	-0.1	-0.2%
70.4%	45.3	45.2	-0.1	-0.2%
71.6%	45.2	45.2	0.0	0.0%
72.8%	45.2	45.2	0.0	0.0%
74.1%	45.2	45.2	0.0	0.0%
75.3%	45.2	44.9	-0.3	-0.7%
76.5%	45.2	44.9	-0.3	-0.7%
77.8%	45.1	44.8	-0.3	-0.7%
79.0%	45.0	44.5	-0.5	-1.1%
80.2%	44.8	44.3	-0.5	-1.1%
81.5%	44.4	44.3	-0.1	-0.2%
82.7%	44.3	44.1	-0.2	-0.5%
84.0%	44.3	44.0	-0.3	-0.7%
85.2%	44.0	43.8	-0.2	-0.5%
86.4%	44.0	43.8	-0.2	-0.5%
87.7%	43.9	43.4	-0.5	-1.1%
88.9%	43.6	43.4	-0.2	-0.5%
90.1%	43.5	43.4	-0.1	-0.2%
91.4%	43.4	43.4	0.0	0.0%
92.6%	43.4	43.2	-0.2	-0.5%
93.8%	43.3	43.2	-0.1	-0.2%
95.1%	43.2	43.2	0.0	0.0%
96.3%	42.8	42.8	0.0	0.0%
97.5%	42.2	42.2	0.0	0.0%
98.8%	42.2	42.2	0.0	0.0%
100.0%	42.2	42.2	0.0	0.0%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	49.0	49.0	0.0	0.0%
1.2%	49.0	49.0	0.0	0.0%
2.5%	48.9	48.8	-0.1	-0.2%
3.7%	48.6	48.6	0.0	0.0%
4.9%	48.2	48.2	0.0	0.0%
6.2%	48.0	48.0	0.0	0.0%
7.4%	48.0	48.0	0.0	0.0%
8.6%	47.9	47.9	0.0	0.0%
9.9%	47.9	47.9	0.0	0.0%
11.1%	47.9	47.9	0.0	0.0%
12.3%	47.6	47.7	0.1	0.2%
13.6%	47.6	47.6	0.0	0.0%
14.8%	47.4	47.5	0.1	0.2%
16.0%	47.3	47.3	0.0	0.0%
17.3%	47.3	47.2	-0.1	-0.2%
18.5%	47.2	47.2	0.0	0.0%
19.8%	47.1	47.0	-0.1	-0.2%
21.0%	47.0	47.0	0.0	0.0%
22.2%	47.0	47.0	0.0	0.0%
23.5%	46.9	46.9	0.0	0.0%
24.7%	46.9	46.9	0.0	0.0%
25.9%	46.9	46.9	0.0	0.0%
27.2%	46.8	46.8	0.0	0.0%
28.4%	46.8	46.8	0.0	0.0%
29.6%	46.8	46.8	0.0	0.0%
30.9%	46.8	46.7	-0.1	-0.2%
32.1%	46.7	46.7	0.0	0.0%
33.3%	46.6	46.6	0.0	0.0%
34.6%	46.6	46.6	0.0	0.0%
35.8%	46.6	46.6	0.0	0.0%
37.0%	46.5	46.6	0.1	0.2%
38.3%	46.5	46.6	0.1	0.2%
39.5%	46.5	46.5	0.0	0.0%
40.7%	46.3	46.3	0.0	0.0%
42.0%	46.3	46.3	0.0	0.0%
43.2%	46.2	46.2	0.0	0.0%
44.4%	46.0	46.0	0.0	0.0%
45.7%	45.9	45.9	0.0	0.0%
46.9%	45.8	45.8	0.0	0.0%
48.1%	45.8	45.8	0.0	0.0%
49.4%	45.8	45.8	0.0	0.0%
50.6%	45.7	45.8	0.1	0.2%
51.9%	45.7	45.7	0.0	0.0%
53.1%	45.7	45.7	0.0	0.0%
54.3%	45.7	45.7	0.0	0.0%
55.6%	45.6	45.6	0.0	0.0%
56.8%	45.6	45.5	-0.1	-0.2%
58.0%	45.5	45.5	0.0	0.0%
59.3%	45.5	45.4	-0.1	-0.2%
60.5%	45.5	45.4	-0.1	-0.2%
61.7%	45.4	45.4	0.0	0.0%
63.0%	45.3	45.3	0.0	0.0%
64.2%	45.3	45.1	-0.2	-0.4%
65.4%	45.2	45.1	-0.1	-0.2%
66.7%	45.1	45.1	0.0	0.0%
67.9%	45.1	45.0	-0.1	-0.2%
69.1%	45.0	45.0	0.0	0.0%
70.4%	44.9	44.9	0.0	0.0%
71.6%	44.8	44.9	0.1	0.2%
72.8%	44.8	44.8	0.0	0.0%
74.1%	44.7	44.7	0.0	0.0%
75.3%	44.6	44.6	0.0	0.0%
76.5%	44.4	44.6	0.2	0.5%
77.8%	44.2	44.2	0.0	0.0%
79.0%	44.1	44.1	0.0	0.0%
80.2%	44.0	44.0	0.0	0.0%
81.5%	44.0	44.0	0.0	0.0%
82.7%	44.0	44.0	0.0	0.0%
84.0%	44.0	44.0	0.0	0.0%
85.2%	43.9	43.9	0.0	0.0%
86.4%	43.8	43.8	0.0	0.0%
87.7%	43.7	43.7	0.0	0.0%
88.9%	43.5	43.5	0.0	0.0%
90.1%	43.5	43.5	0.0	0.0%
91.4%	43.3	43.3	0.0	0.0%
92.6%	43.3	43.3	0.0	0.0%
93.8%	42.2	42.2	0.0	0.0%
95.1%	41.9	42.1	0.2	0.5%
96.3%	41.6	41.6	0.0	0.0%
97.5%	41.0	41.0	0.0	0.0%
98.8%	41.0	41.0	0.0	0.0%
100.0%	41.0	41.0	0.0	0.0%

Table SQ-17-9b

Feather River at the Mouth, Monthly Temperature
Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.1	54.1	0.0	0.0%
1.2%	53.1	53.1	0.0	0.0%
2.5%	53.0	53.1	0.1	0.2%
3.7%	52.9	52.8	-0.1	-0.2%
4.9%	52.4	52.3	-0.1	-0.2%
6.2%	52.3	52.3	0.0	0.0%
7.4%	52.2	52.2	0.0	0.0%
8.6%	52.2	52.1	-0.1	-0.2%
9.9%	52.1	52.1	0.0	0.0%
11.1%	52.1	52.1	0.0	0.0%
12.3%	52.1	51.9	-0.2	-0.4%
13.6%	51.7	51.7	0.0	0.0%
14.8%	51.6	51.7	0.1	0.2%
16.0%	51.5	51.5	0.0	0.0%
17.3%	51.5	51.5	0.0	0.0%
18.5%	51.5	51.5	0.0	0.0%
19.8%	51.4	51.3	-0.1	-0.2%
21.0%	51.3	51.3	0.0	0.0%
22.2%	51.3	51.2	-0.1	-0.2%
23.5%	51.2	51.2	0.0	0.0%
24.7%	51.2	51.2	0.0	0.0%
25.9%	51.2	51.2	0.0	0.0%
27.2%	51.0	51.0	0.0	0.0%
28.4%	51.0	51.0	0.0	0.0%
29.6%	51.0	50.9	-0.1	-0.2%
30.9%	50.8	50.8	0.0	0.0%
32.1%	50.8	50.8	0.0	0.0%
33.3%	50.7	50.7	0.0	0.0%
34.6%	50.6	50.6	0.0	0.0%
35.8%	50.6	50.6	0.0	0.0%
37.0%	50.4	50.4	0.0	0.0%
38.3%	50.4	50.4	0.0	0.0%
39.5%	50.4	50.4	0.0	0.0%
40.7%	50.4	50.4	0.0	0.0%
42.0%	50.4	50.3	-0.1	-0.2%
43.2%	50.3	50.3	0.0	0.0%
44.4%	50.2	50.2	0.0	0.0%
45.7%	50.2	50.1	-0.1	-0.2%
46.9%	50.1	50.1	0.0	0.0%
48.1%	50.1	50.1	0.0	0.0%
49.4%	50.1	50.1	0.0	0.0%
50.6%	50.1	50.1	0.0	0.0%
51.9%	50.0	50.0	0.0	0.0%
53.1%	50.0	50.0	0.0	0.0%
54.3%	50.0	50.0	0.0	0.0%
55.6%	50.0	49.9	-0.1	-0.2%
56.8%	49.9	49.9	0.0	0.0%
58.0%	49.9	49.9	0.0	0.0%
59.3%	49.8	49.8	0.0	0.0%
60.5%	49.6	49.6	0.0	0.0%
61.7%	49.6	49.6	0.0	0.0%
63.0%	49.6	49.6	0.0	0.0%
64.2%	49.4	49.4	0.0	0.0%
65.4%	49.4	49.4	0.0	0.0%
66.7%	49.4	49.4	0.0	0.0%
67.9%	49.3	49.3	0.0	0.0%
69.1%	49.3	49.3	0.0	0.0%
70.4%	49.3	49.3	0.0	0.0%
71.6%	49.2	49.3	0.1	0.2%
72.8%	49.2	49.2	0.0	0.0%
74.1%	49.1	49.2	0.1	0.2%
75.3%	49.1	49.1	0.0	0.0%
76.5%	49.1	49.1	0.0	0.0%
77.8%	49.0	49.0	0.0	0.0%
79.0%	48.9	48.9	0.0	0.0%
80.2%	48.9	48.9	0.0	0.0%
81.5%	48.9	48.9	0.0	0.0%
82.7%	48.8	48.8	0.0	0.0%
84.0%	48.8	48.7	-0.1	-0.2%
85.2%	48.7	48.7	0.0	0.0%
86.4%	48.5	48.5	0.0	0.0%
87.7%	48.4	48.4	0.0	0.0%
88.9%	48.3	48.4	0.1	0.2%
90.1%	48.3	48.3	0.0	0.0%
91.4%	48.1	48.1	0.0	0.0%
92.6%	48.0	48.0	0.0	0.0%
93.8%	48.0	48.0	0.0	0.0%
95.1%	48.0	48.0	0.0	0.0%
96.3%	47.5	47.5	0.0	0.0%
97.5%	47.4	47.4	0.0	0.0%
98.8%	47.3	47.3	0.0	0.0%
100.0%	47.3	47.3	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.2	59.2	0.0	0.0%
1.2%	58.8	58.8	0.0	0.0%
2.5%	58.1	57.9	-0.2	-0.3%
3.7%	57.9	57.8	-0.1	-0.2%
4.9%	57.6	57.5	-0.1	-0.2%
6.2%	57.3	57.4	0.1	0.2%
7.4%	57.2	57.3	0.1	0.2%
8.6%	57.2	57.2	0.0	0.0%
9.9%	57.1	57.0	-0.1	-0.2%
11.1%	56.6	56.7	0.1	0.2%
12.3%	56.6	56.6	0.0	0.0%
13.6%	56.6	56.6	0.0	0.0%
14.8%	56.5	56.6	0.1	0.2%
16.0%	56.4	56.5	0.1	0.2%
17.3%	56.3	56.4	0.1	0.2%
18.5%	56.3	56.3	0.0	0.0%
19.8%	56.3	56.3	0.0	0.0%
21.0%	56.3	56.2	-0.1	-0.2%
22.2%	56.2	56.2	0.0	0.0%
23.5%	56.2	56.2	0.0	0.0%
24.7%	56.2	56.0	-0.2	-0.4%
25.9%	56.0	56.0	0.0	0.0%
27.2%	55.7	55.6	-0.1	-0.2%
28.4%	55.5	55.5	0.0	0.0%
29.6%	55.5	55.5	0.0	0.0%
30.9%	55.3	55.3	0.0	0.0%
32.1%	55.2	55.2	0.0	0.0%
33.3%	55.2	55.2	0.0	0.0%
34.6%	55.2	55.1	-0.1	-0.2%
35.8%	55.1	55.1	0.0	0.0%
37.0%	55.1	55.0	-0.1	-0.2%
38.3%	55.0	55.0	0.0	0.0%
39.5%	55.0	54.9	-0.1	-0.2%
40.7%	54.9	54.9	0.0	0.0%
42.0%	54.9	54.8	-0.1	-0.2%
43.2%	54.7	54.8	0.1	0.2%
44.4%	54.7	54.7	0.0	0.0%
45.7%	54.7	54.7	0.0	0.0%
46.9%	54.6	54.6	0.0	0.0%
48.1%	54.6	54.6	0.0	0.0%
49.4%	54.5	54.5	0.0	0.0%
50.6%	54.5	54.5	0.0	0.0%
51.9%	54.4	54.4	0.0	0.0%
53.1%	54.4	54.4	0.0	0.0%
54.3%	54.3	54.3	0.0	0.0%
55.6%	54.2	54.2	0.0	0.0%
56.8%	54.2	54.2	0.0	0.0%
58.0%	54.2	54.2	0.0	0.0%
59.3%	54.2	54.2	0.0	0.0%
60.5%	54.2	54.2	0.0	0.0%
61.7%	53.9	53.9	0.0	0.0%
63.0%	53.8	53.8	0.0	0.0%
64.2%	53.7	53.7	0.0	0.0%
65.4%	53.7	53.7	0.0	0.0%
66.7%	53.7	53.7	0.0	0.0%
67.9%	53.6	53.7	0.1	0.2%
69.1%	53.6	53.6	0.0	0.0%
70.4%	53.5	53.5	0.0	0.0%
71.6%	53.4	53.4	0.0	0.0%
72.8%	53.4	53.3	-0.1	-0.2%
74.1%	53.3	53.3	0.0	0.0%
75.3%	53.2	53.2	0.0	0.0%
76.5%	53.0	53.0	0.0	0.0%
77.8%	53.0	53.0	0.0	0.0%
79.0%	53.0	53.0	0.0	0.0%
80.2%	52.9	52.9	0.0	0.0%
81.5%	52.7	52.7	0.0	0.0%
82.7%	52.6	52.6	0.0	0.0%
84.0%	52.5	52.3	-0.2	-0.4%
85.2%	52.3	52.3	0.0	0.0%
86.4%	52.2	52.2	0.0	0.0%
87.7%	52.2	52.1	-0.1	-0.2%
88.9%	52.0	52.0	0.0	0.0%
90.1%	52.0	52.0	0.0	0.0%
91.4%	51.8	51.8	0.0	0.0%
92.6%	51.8	51.8	0.0	0.0%
93.8%	51.6	51.7	0.1	0.2%
95.1%	51.5	51.6	0.1	0.2%
96.3%	51.5	51.5	0.0	0.0%
97.5%	51.5	51.5	0.0	0.0%
98.8%	51.4	51.4	0.0	0.0%
100.0%	51.4	51.4	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.1	66.2	0.1	0.2%
1.2%	65.8	65.8	0.0	0.0%
2.5%	65.8	65.5	-0.3	-0.5%
3.7%	65.6	65.5	-0.1	-0.2%
4.9%	65.5	65.4	-0.1	-0.2%
6.2%	64.8	65.0	0.2	0.3%
7.4%	64.6	64.8	0.2	0.3%
8.6%	64.3	64.6	0.3	0.5%
9.9%	64.3	64.6	0.3	0.5%
11.1%	64.3	64.3	0.0	0.0%
12.3%	64.0	64.2	0.2	0.3%
13.6%	63.9	64.0	0.1	0.2%
14.8%	63.8	63.8	0.0	0.0%
16.0%	63.3	63.3	0.0	0.0%
17.3%	63.2	63.2	0.0	0.0%
18.5%	63.1	63.1	0.0	0.0%
19.8%	62.6	62.6	0.0	0.0%
21.0%	62.6	62.6	0.0	0.0%
22.2%	62.5	62.5	0.0	0.0%
23.5%	62.4	62.4	0.0	0.0%
24.7%	62.4	62.3	-0.1	-0.2%
25.9%	62.2	62.2	0.0	0.0%
27.2%	62.1	62.2	0.1	0.2%
28.4%	62.1	62.1	0.0	0.0%
29.6%	62.1	62.1	0.0	0.0%
30.9%	61.9	61.9	0.0	0.0%
32.1%	61.4	61.4	0.0	0.0%
33.3%	61.4	61.4	0.0	0.0%
34.6%	61.3	61.3	0.0	0.0%
35.8%	61.3	61.3	0.0	0.0%
37.0%	61.3	61.3	0.0	0.0%
38.3%	61.2	61.2	0.0	0.0%
39.5%	61.1	61.1	0.0	0.0%
40.7%	61.0	61.0	0.0	0.0%
42.0%	60.9	60.9	0.0	0.0%
43.2%	60.9	60.9	0.0	0.0%
44.4%	60.9	60.9	0.0	0.0%
45.7%	60.8	60.8	0.0	0.0%
46.9%	60.8	60.8	0.0	0.0%
48.1%	60.8	60.8	0.0	0.0%
49.4%	60.7	60.7	0.0	0.0%
50.6%	60.6	60.6	0.0	0.0%
51.9%	60.6	60.6	0.0	0.0%
53.1%	60.5	60.5	0.0	0.0%
54.3%	60.5	60.5	0.0	0.0%
55.6%	60.4	60.4	0.0	0.0%
56.8%	60.3	60.4	0.1	0.2%
58.0%	60.2	60.3	0.1	0.2%
59.3%	60.0	60.2	0.2	0.3%
60.5%	60.0	60.0	0.0	0.0%
61.7%	59.9	59.9	0.0	0.0%
63.0%	59.9	59.9	0.0	0.0%
64.2%	59.7	59.8	0.1	0.2%
65.4%	59.5	59.6	0.1	0.2%
66.7%	59.5	59.5	0.0	0.0%
67.9%	59.5	59.5	0.0	0.0%
69.1%	59.3	59.3	0.0	0.0%
70.4%	59.2	59.2	0.0	0.0%
71.6%	59.1	59.1	0.0	0.0%
72.8%	58.9	58.9	0.0	0.0%
74.1%	58.4	58.4	0.0	0.0%
75.3%	58.3	58.3	0.0	0.0%
76.5%	58.1	58.1	0.0	0.0%
77.8%	58.1	58.1	0.0	0.0%
79.0%	58.0	58.0	0.0	0.0%
80.2%	57.9	57.9	0.0	0.0%
81.5%	57.8	57.8	0.0	0.0%
82.7%	57.8	57.8	0.0	0.0%
84.0%	57.7	57.7	0.0	0.0%
85.2%	57.6	57.6	0.0	0.0%
86.4%	57.5	57.5	0.0	0.0%
87.7%	57.4	57.4	0.0	0.0%
88.9%	57.3	57.3	0.0	0.0%
90.1%	57.1	57.1	0.0	0.0%
91.4%	57.1	57.1	0.0	0.0%
92.6%	57.1	57.1	0.0	0.0%
93.8%	56.8	56.8	0.0	0.0%
95.1%	56.5	56.5	0.0	0.0%
96.3%	56.3	56.3	0.0	0.0%
97.5%	55.9	55.9	0.0	0.0%
98.8%	55.6	55.6	0.0	0.0%
100.0%	55.6	55.6	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	74.4	74.6	0.2	0.3%
1.2%	73.5	73.9	0.4	0.5%
2.5%	71.7	71.7	0.0	0.0%
3.7%	71.4	71.5	0.1	0.1%
4.9%	71.2	71.2	0.0	0.0%
6.2%	70.1	70.1	0.0	0.0%
7.4%	69.9	69.9	0.0	0.0%
8.6%	69.5	69.8	0.3	0.4%
9.9%	69.4	69.5	0.1	0.1%
11.1%	69.2	69.2	0.0	0.0%
12.3%	69.1	69.1	0.0	0.0%
13.6%	69.1	69.1	0.0	0.0%
14.8%	69.0	69.1	0.1	0.1%
16.0%	68.9	68.9	0.0	0.0%
17.3%	68.6	68.8	0.2	0.3%
18.5%	68.4	68.6	0.2	0.3%
19.8%	68.2	68.2	0.0	0.0%
21.0%	68.2	68.2	0.0	0.0%
22.2%	68.1	68.1	0.0	0.0%
23.5%	68.1	68.1	0.0	0.0%
24.7%	67.9	67.9	0.0	0.0%
25.9%	67.7	67.9	0.2	0.3%
27.2%	67.7	67.7	0.0	0.0%
28.4%	67.5	67.7	0.2	0.3%
29.6%	67.5	67.5	0.0	0.0%
30.9%	67.5	67.5	0.0	0.0%
32.1%	67.4	67.5	0.1	0.1%
33.3%	67.4	67.4	0.0	0.0%
34.6%	67.2	67.4	0.2	0.3%
35.8%	67.2	67.2	0.0	0.0%
37.0%	67.2	67.2	0.0	0.0%
38.3%	67.1	67.1	0.0	0.0%
39.5%	67.0	67.0	0.0	0.0%
40.7%	67.0	67.0	0.0	0.0%
42.0%	67.0	67.0	0.0	0.0%
43.2%	66.9	66.9	0.0	0.0%
44.4%	66.9	66.9	0.0	0.0%
45.7%	66.8	66.8	0.0	0.0%
46.9%	66.6	66.6	0.0	0.0%
48.1%	66.5	66.5	0.0	0.0%
49.4%	66.4	66.4	0.0	0.0%
50.6%	66.4	66.4	0.0	0.0%
51.9%	66.4	66.4	0.0	0.0%
53.1%	66.4	66.4	0.0	0.0%
54.3%	66.4	66.3	-0.1	-0.2%
55.6%	66.3	66.2	-0.1	-0.2%
56.8%	66.2	66.2	0.0	0.0%
58.0%	66.2	66.1	-0.1	-0.2%
59.3%	66.1	66.0	-0.1	-0.2%
60.5%	66.0	66.0	0.0	0.0%
61.7%	65.8	65.9	0.1	0.2%
63.0%	65.7	65.7	0.0	0.0%
64.2%	65.6	65.6	0.0	0.0%
65.4%	65.3	65.3	0.0	0.0%
66.7%	64.9	64.9	0.0	0.0%
67.9%	64.9	64.9	0.0	0.0%
69.1%	64.8	64.8	0.0	0.0%
70.4%	64.8	64.8	0.0	0.0%
71.6%	64.7	64.7	0.0	0.0%
72.8%	64.6	64.6	0.0	0.0%
74.1%	64.6	64.6	0.0	0.0%
75.3%	64.1	64.1	0.0	0.0%
76.5%	64.0	64.0	0.0	0.0%
77.8%	64.0	64.0	0.0	0.0%
79.0%	63.8	63.8	0.0	0.0%
80.2%	63.8	63.8	0.0	0.0%
81.5%	63.7	63.7	0.0	0.0%
82.7%	63.7	63.7	0.0	0.0%
84.0%	63.5	63.5	0.0	0.0%
85.2%	63.2	63.2	0.0	0.0%
86.4%	63.1	63.1	0.0	0.0%
87.7%	63.1	63.1	0.0	0.0%
88.9%	63.0	63.0	0.0	0.0%
90.1%	62.9	62.9	0.0	0.0%
91.4%	62.4	62.4	0.0	0.0%
92.6%	62.2	62.3	0.1	0.2%
93.8%	62.1	62.1	0.0	0.0%
95.1%	61.7	61.7	0.0	0.0%
96.3%	61.6	61.6	0.0	0.0%
97.5%	61.2	61.2	0.0	0.0%
98.8%	60.9	61.0	0.1	0.2%
100.0%	60.9	61.0	0.1	0.2%

Table SQ-17-9b

Feather River at the Mouth, Monthly Temperature
Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	75.7	76.3	0.6	0.8%
1.2%	75.5	75.7	0.2	0.3%
2.5%	75.5	75.4	-0.1	-0.1%
3.7%	75.1	75.2	0.1	0.1%
4.9%	75.0	74.8	-0.2	-0.3%
6.2%	74.6	74.7	0.1	0.1%
7.4%	74.6	74.7	0.1	0.1%
8.6%	74.6	74.6	0.0	0.0%
9.9%	74.1	74.4	0.3	0.4%
11.1%	73.8	74.0	0.2	0.3%
12.3%	73.7	73.9	0.2	0.3%
13.6%	73.6	73.8	0.2	0.3%
14.8%	73.5	73.7	0.2	0.3%
16.0%	73.4	73.4	0.0	0.0%
17.3%	73.2	73.4	0.2	0.3%
18.5%	73.2	73.3	0.1	0.1%
19.8%	73.2	73.2	0.0	0.0%
21.0%	73.2	73.2	0.0	0.0%
22.2%	73.2	73.2	0.0	0.0%
23.5%	73.2	73.1	-0.1	-0.1%
24.7%	72.9	73.0	0.1	0.1%
25.9%	72.9	73.0	0.1	0.1%
27.2%	72.8	72.9	0.1	0.1%
28.4%	72.8	72.9	0.1	0.1%
29.6%	72.7	72.8	0.1	0.1%
30.9%	72.4	72.5	0.1	0.1%
32.1%	72.3	72.4	0.1	0.1%
33.3%	72.3	72.4	0.1	0.1%
34.6%	72.2	72.3	0.1	0.1%
35.8%	72.2	72.3	0.1	0.1%
37.0%	72.1	72.1	0.0	0.0%
38.3%	72.1	72.1	0.0	0.0%
39.5%	72.1	72.1	0.0	0.0%
40.7%	72.0	72.1	0.1	0.1%
42.0%	72.0	72.1	0.1	0.1%
43.2%	71.9	72.1	0.2	0.3%
44.4%	71.9	72.1	0.2	0.3%
45.7%	71.7	72.0	0.3	0.4%
46.9%	71.7	72.0	0.3	0.4%
48.1%	71.7	71.9	0.2	0.3%
49.4%	71.6	71.7	0.1	0.1%
50.6%	71.5	71.7	0.2	0.3%
51.9%	71.4	71.7	0.3	0.4%
53.1%	71.3	71.6	0.3	0.4%
54.3%	71.3	71.6	0.3	0.4%
55.6%	71.1	71.5	0.4	0.6%
56.8%	71.1	71.5	0.4	0.6%
58.0%	71.0	71.5	0.5	0.7%
59.3%	71.0	71.4	0.4	0.6%
60.5%	70.9	71.0	0.1	0.1%
61.7%	70.8	70.8	0.0	0.0%
63.0%	70.8	70.8	0.0	0.0%
64.2%	70.7	70.7	0.0	0.0%
65.4%	70.6	70.6	0.0	0.0%
66.7%	70.6	70.6	0.0	0.0%
67.9%	70.3	70.3	0.0	0.0%
69.1%	70.1	70.1	0.0	0.0%
70.4%	70.1	70.0	-0.1	-0.1%
71.6%	70.1	70.0	-0.1	-0.1%
72.8%	70.0	70.0	0.0	0.0%
74.1%	70.0	69.9	-0.1	-0.1%
75.3%	69.6	69.8	0.2	0.3%
76.5%	69.6	69.6	0.0	0.0%
77.8%	69.5	69.6	0.1	0.1%
79.0%	69.5	69.4	-0.1	-0.1%
80.2%	69.4	69.3	-0.1	-0.1%
81.5%	69.4	69.3	-0.1	-0.1%
82.7%	69.2	69.0	-0.2	-0.3%
84.0%	69.0	69.0	0.0	0.0%
85.2%	69.0	68.9	-0.1	-0.1%
86.4%	69.0	68.8	-0.2	-0.3%
87.7%	68.9	68.8	-0.1	-0.1%
88.9%	68.5	68.5	0.0	0.0%
90.1%	68.4	68.4	0.0	0.0%
91.4%	67.8	67.8	0.0	0.0%
92.6%	67.4	67.4	0.0	0.0%
93.8%	67.4	67.4	0.0	0.0%
95.1%	67.4	67.4	0.0	0.0%
96.3%	67.0	66.8	-0.2	-0.3%
97.5%	65.8	65.8	0.0	0.0%
98.8%	65.7	65.7	0.0	0.0%
100.0%	65.7	65.7	0.0	0.0%

July				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	77.4	78.4	1.0	1.3%
1.2%	77.0	76.9	-0.1	-0.1%
2.5%	76.4	76.3	-0.1	-0.1%
3.7%	76.4	76.0	-0.4	-0.5%
4.9%	76.3	75.6	-0.7	-0.9%
6.2%	76.3	75.6	-0.7	-0.9%
7.4%	76.1	75.6	-0.5	-0.7%
8.6%	75.5	75.2	-0.3	-0.4%
9.9%	75.3	75.2	-0.1	-0.1%
11.1%	75.1	75.1	0.0	0.0%
12.3%	75.1	75.1	0.0	0.0%
13.6%	75.0	75.0	0.0	0.0%
14.8%	74.8	74.8	0.0	0.0%
16.0%	74.8	74.8	0.0	0.0%
17.3%	74.6	74.7	0.1	0.1%
18.5%	74.6	74.7	0.1	0.1%
19.8%	74.5	74.2	-0.3	-0.4%
21.0%	74.3	74.1	-0.2	-0.3%
22.2%	74.1	74.1	0.0	0.0%
23.5%	74.1	74.1	0.0	0.0%
24.7%	74.1	74.1	0.0	0.0%
25.9%	74.0	74.1	0.1	0.1%
27.2%	74.0	74.0	0.0	0.0%
28.4%	73.9	74.0	0.1	0.1%
29.6%	73.9	74.0	0.1	0.1%
30.9%	73.9	73.9	0.0	0.0%
32.1%	73.9	73.7	-0.2	-0.3%
33.3%	73.9	73.7	-0.2	-0.3%
34.6%	73.6	73.7	0.1	0.1%
35.8%	73.6	73.6	0.0	0.0%
37.0%	73.5	73.6	0.1	0.1%
38.3%	73.5	73.5	0.0	0.0%
39.5%	73.4	73.5	0.1	0.1%
40.7%	73.4	73.5	0.1	0.1%
42.0%	73.4	73.4	0.0	0.0%
43.2%	73.3	73.4	0.1	0.1%
44.4%	73.3	73.4	0.1	0.1%
45.7%	73.3	73.3	0.0	0.0%
46.9%	73.2	73.3	0.1	0.1%
48.1%	73.2	73.3	0.1	0.1%
49.4%	73.1	73.3	0.2	0.3%
50.6%	73.0	73.2	0.2	0.3%
51.9%	73.0	73.2	0.2	0.3%
53.1%	73.0	73.2	0.2	0.3%
54.3%	73.0	73.1	0.1	0.1%
55.6%	72.8	73.1	0.3	0.4%
56.8%	72.7	72.9	0.2	0.3%
58.0%	72.7	72.9	0.2	0.3%
59.3%	72.6	72.8	0.2	0.3%
60.5%	72.6	72.7	0.1	0.1%
61.7%	72.6	72.7	0.1	0.1%
63.0%	72.6	72.7	0.1	0.1%
64.2%	72.6	72.7	0.1	0.1%
65.4%	72.6	72.6	0.0	0.0%
66.7%	72.5	72.6	0.1	0.1%
67.9%	72.3	72.6	0.3	0.4%
69.1%	72.2	72.3	0.1	0.1%
70.4%	72.2	72.3	0.1	0.1%
71.6%	72.1	72.3	0.2	0.3%
72.8%	72.0	72.2	0.2	0.3%
74.1%	72.0	72.1	0.1	0.1%
75.3%	71.9	72.0	0.1	0.1%
76.5%	71.9	71.9	0.0	0.0%
77.8%	71.9	71.9	0.0	0.0%
79.0%	71.9	71.9	0.0	0.0%
80.2%	71.9	71.9	0.0	0.0%
81.5%	71.8	71.9	0.1	0.1%
82.7%	71.7	71.8	0.1	0.1%
84.0%	71.7	71.8	0.1	0.1%
85.2%	71.6	71.7	0.1	0.1%
86.4%	71.5	71.7	0.2	0.3%
87.7%	71.1	71.4	0.3	0.4%
88.9%	71.0	71.1	0.1	0.1%
90.1%	70.9	71.0	0.1	0.1%
91.4%	70.9	70.9	0.0	0.0%
92.6%	70.9	70.9	0.0	0.0%
93.8%	70.7	70.8	0.1	0.1%
95.1%	70.7	70.7	0.0	0.0%
96.3%	70.5	70.5	0.0	0.0%
97.5%	70.5	70.4	-0.1	-0.1%
98.8%	70.4	70.2	-0.2	-0.3%
100.0%	70.4	70.2	-0.2	-0.3%

August				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	78.2	78.1	-0.1	-0.1%
1.2%	77.0	77.0	0.0	0.0%
2.5%	77.0	76.7	-0.3	-0.4%
3.7%	76.7	76.5	-0.2	-0.3%
4.9%	76.3	75.9	-0.4	-0.5%
6.2%	76.0	75.9	-0.1	-0.1%
7.4%	75.9	75.7	-0.2	-0.3%
8.6%	75.9	75.5	-0.4	-0.5%
9.9%	75.7	75.2	-0.5	-0.7%
11.1%	75.7	75.2	-0.5	-0.7%
12.3%	75.4	75.1	-0.3	-0.4%
13.6%	75.2	75.1	-0.1	-0.1%
14.8%	74.4	74.7	0.3	0.4%
16.0%	74.4	74.7	0.3	0.4%
17.3%	74.3	74.6	0.3	0.4%
18.5%	74.3	74.4	0.1	0.1%
19.8%	74.1	74.2	0.1	0.1%
21.0%	73.9	74.2	0.3	0.4%
22.2%	73.8	74.2	0.4	0.5%
23.5%	73.7	74.1	0.4	0.5%
24.7%	73.6	74.0	0.4	0.5%
25.9%	73.6	73.7	0.1	0.1%
27.2%	73.5	73.7	0.2	0.3%
28.4%	73.5	73.6	0.1	0.1%
29.6%	73.5	73.5	0.0	0.0%
30.9%	73.4	73.4	0.0	0.0%
32.1%	73.3	73.4	0.1	0.1%
33.3%	73.2	73.1	-0.1	-0.1%
34.6%	73.2	73.0	-0.2	-0.3%
35.8%	73.1	73.0	-0.1	-0.1%
37.0%	72.9	72.9	0.0	0.0%
38.3%	72.9	72.8	-0.1	-0.1%
39.5%	72.8	72.7	-0.1	-0.1%
40.7%	72.8	72.4	-0.4	-0.5%
42.0%	72.8	72.4	-0.4	-0.5%
43.2%	72.7	72.4	-0.3	-0.4%
44.4%	72.6	72.3	-0.3	-0.4%
45.7%	72.6	72.3	-0.3	-0.4%
46.9%	72.6	72.3	-0.3	-0.4%
48.1%	72.6	72.3	-0.3	-0.4%
49.4%	72.6	72.2	-0.4	-0.6%
50.6%	72.5	72.1	-0.4	-0.6%
51.9%	72.3	72.1	-0.2	-0.3%
53.1%	72.3	72.1	-0.2	-0.3%
54.3%	72.3	72.0	-0.3	-0.4%
55.6%	72.2	71.9	-0.3	-0.4%
56.8%	71.9	71.8	-0.1	-0.1%
58.0%	71.9	71.8	-0.1	-0.1%
59.3%	71.8	71.6	-0.2	-0.3%
60.5%	71.7	71.5	-0.2	-0.3%
61.7%	71.6	71.4	-0.2	-0.3%
63.0%	71.6	71.4	-0.2	-0.3%
64.2%	71.6	71.3	-0.3	-0.4%
65.4%	71.5	71.3	-0.2	-0.3%
66.7%	71.3	71.3	0.0	0.0%
67.9%	71.3	71.2	-0.1	-0.1%
69.1%	71.3	71.2	-0.1	-0.1%
70.4%	71.2	71.1	-0.1	-0.1%
71.6%	71.2	71.1	-0.1	-0.1%
72.8%	71.1	71.0	-0.1	-0.1%
74.1%	71.0	70.9	-0.1	-0.1%
75.3%	71.0	70.9	-0.1	-0.1%
76.5%	70.8	70.9	0.1	0.1%
77.8%	70.8	70.8	0.0	0.0%
79.0%	70.7	70.8	0.1	0.1%
80.2%	70.7	70.7	0.0	0.0%
81.5%	70.5	70.6	0.1	0.1%
82.7%	70.5	70.6	0.1	0.1%
84.0%	70.3	70.5	0.2	0.3%
85.2%	70.3	70.5	0.2	0.3%
86.4%	70.3	70.3	0.0	0.0%
87.7%	70.1	70.2	0.1	0.1%
88.9%	70.0	70.2	0.2	0.3%
90.1%	70.0	70.1	0.1	0.1%
91.4%	69.9	70.0	0.1	0.1%
92.6%	69.8	69.9	0.1	0.1%
93.8%	69.6	69.9	0.3	0.4%
95.1%	69.6	69.7	0.1	0.1%
96.3%	69.5	69.5	0.0	0.0%
97.5%	69.3	69.2	-0.1	-0.1%
98.8%	69.0	69.0	0.0	0.0%
100.0%	69.0	69.0	0.0	0.0%

September				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.9	74.0	0.1	0.1%
1.2%	73.1	72.8	-0.3	-0.4%
2.5%	72.9	72.1	-0.8	-1.1%
3.7%	72.4	72.1	-0.3	-0.4%
4.9%	72.2	72.1	-0.1	-0.1%
6.2%	72.1	72.0	-0.1	-0.1%
7.4%	71.9	71.8	-0.1	-0.1%
8.6%	71.9	71.8	-0.1	-0.1%
9.9%	71.9	71.8	-0.1	-0.1%
11.1%	71.9	71.6	-0.3	-0.4%
12.3%	71.7	71.6	-0.1	-0.1%
13.6%	71.7	71.6	-0.1	-0.1%
14.8%	71.5	71.5	0.0	0.0%
16.0%	71.3	71.5	0.2	0.3%
17.3%	71.2	71.4	0.2	0.3%
18.5%	71.1	71.2	0.1	0.1%
19.8%	71.0	71.1	0.1	0.1%
21.0%	70.8	71.0	0.2	0.3%
22.2%	70.8	70.6	-0.2	-0.3%
23.5%	70.6	70.5	-0.1	-0.1%
24.7%	70.5	70.5	0.0	0.0%
25.9%	70.4	70.4	0.0	0.0%
27.2%	70.2	70.1	-0.1	-0.1%
28.4%	70.2	70.1	-0.1	-0.1%
29.6%	70.1	70.0	-0.1	-0.1%
30.9%	70.1	69.9	-0.2	-0.3%
32.1%	69.9	69.9	0.0	0.0%
33.3%	69.8	69.9	0.1	0.1%
34.6%	69.7	69.9	0.2	0.3%
35.8%	69.6	69.8	0.2	0.3%
37.0%	69.6	69.7	0.1	0.1%
38.3%	69.5	69.5	0.0	0.0%
39.5%	69.4	69.3	-0.1	-0.1%
40.7%	69.2	69.1	-0.1	-0.1%
42.0%	69.1	69.1	0.0	0.0%
43.2%	69.0	68.8	-0.2	-0.3%
44.4%	69.0	68.8	-0.2	-0.3%
45.7%	68.9	68.4	-0.5	-0.7%
46.9%	68.9	68.4	-0.5	-0.7%
48.1%	68.8	68.3	-0.5	-0.7%
49.4%	68.4	68.3	-0.1	-0.1%
50.6%	68.3	68.3	0.0	0.0%
51.9%	68.3	68.3	0.0	0.0%
53.1%	68.3	67.9	-0.4	-0.6%
54.3%	68.2	67.9	-0.3	-0.4%
55.6%	68.0	67.7	-0.3	-0.4%
56.8%	67.9	67.7	-0.2	-0.3%
58.0%	67.8	67.6	-0.2	-0.3%
59.3%	67.8	67.4	-0.4	-0.6%
60.5%	67.7	67.2	-0.5	-0.7%
61.7%	67.7	67.2	-0.5	-0.7%
63.0%	67.7	67.2	-0.5	-0.7%
64.2%	67.2	67.0	-0.2	-0.3%
65.4%	67.2	66.8	-0.4	-0.6%
66.7%	67.2	66.8	-0.4	-0.6%
67.9%	67.2	66.7	-0.5	-0.7%
69.1%	67.2	66.7	-0.5	-0.7%
70.4%	67.1	66.7	-0.4	-0.6%
71.6%	67.1	66.7	-0.4	-0.6%
72.8%	66.9	66.6	-0.3	-0.4%
74.1%	66.9	66.5	-0.4	-0.6%
75.3%	66.7	66.4	-0.3	-0.4%
76.5%	66.7	66.3	-0.4	-0.6%
77.8%	66.7	66.3	-0.4	-0.6%
79.0%	66.6	66.3	-0.3	-0.5%
80.2%	66.5	66.2	-0.3	-0.5%
81.5%	66.4	66.2	-0.2	-0.3%
82.7%	66.1	66.1	0.0	0.0%
84.0%	66.0	66.1	0.1	0.2%
85.2%	66.0	66.1	0.1	0.2%
86.4%	65.9	66.0	0.1	0.2%
87.7%	65.6	65.9	0.3	0.5%
88.9%	65.5	65.8	0.3	0.5%
90.1%	65.5	65.5	0.0	0.0%
91.4%	65.4	65.5	0.1	0.2%
92.6%	65.2	65.4	0.2	0.3%
93.8%	64.9	65.0	0.1	0.2%
95.1%	63.8	63.8	0.0	0.0%
96.3%	63.4	63.4	0.0	0.0%
97.5%	63.1	63.1	0.0	0.0%
98.8%	63.0	63.0	0.0	0.0%
100.0%	63.0	63.0	0.0	0.0%

Table SQ-18-9a

American River below Nimbus Dam, Monthly Temperature

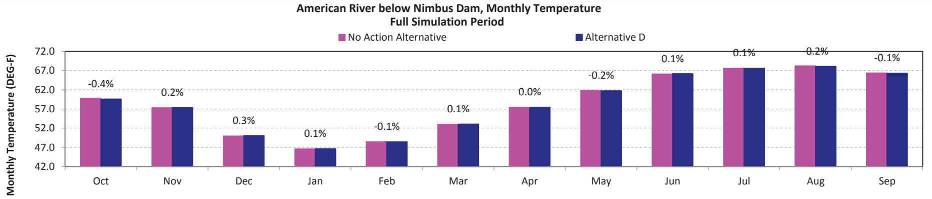
Long-term Average and Average by Water Year Type

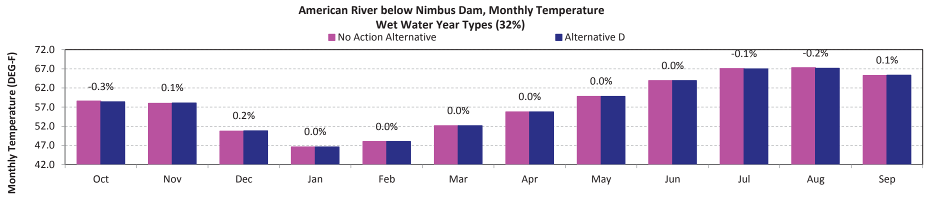
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	59.8	57.3	50.0	46.6	48.5	53.0	57.5	61.8	66.1	67.5	68.2	66.4
Alternative D	59.6	57.4	50.1	46.6	48.5	53.1	57.5	61.7	66.2	67.6	68.1	66.3
Difference	-0.2	0.1	0.1	0.0	0.0	0.0	0.0	-0.1	0.1	0.1	-0.1	0.0
Percent Difference[3]	-0.4%	0.2%	0.3%	0.1%	-0.1%	0.1%	0.0%	-0.2%	0.1%	0.1%	-0.2%	-0.1%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	58.6	58.0	50.7	46.6	48.0	52.1	55.8	59.8	63.9	67.0	67.3	65.2
Alternative D	58.4	58.1	50.8	46.6	48.0	52.1	55.7	59.8	63.9	67.0	67.1	65.3
Difference	-0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.1
Percent Difference	-0.3%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.2%	0.1%
Above Normal (15%)												
No Action Alternative	58.3	56.8	49.8	46.7	48.2	52.8	57.1	61.1	65.6	66.6	67.8	65.7
Alternative D	58.1	56.8	49.9	46.8	48.1	52.9	57.1	61.1	65.6	66.7	67.8	65.9
Difference	-0.2	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2
Percent Difference	-0.4%	0.0%	0.2%	0.1%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.3%
Below Normal (17%)												
No Action Alternative	58.1	57.0	50.1	46.2	47.4	52.9	57.5	61.1	65.7	66.3	68.3	66.6
Alternative D	57.9	57.1	50.2	46.2	47.4	53.1	57.4	61.1	65.6	66.8	68.0	66.4
Difference	-0.2	0.1	0.1	0.0	-0.1	0.2	-0.1	-0.1	-0.1	0.4	-0.3	-0.2
Percent Difference	-0.3%	0.1%	0.1%	0.1%	-0.1%	0.4%	-0.1%	-0.2%	-0.2%	0.6%	-0.4%	-0.4%
Dry (22%)												
No Action Alternative	60.5	57.2	49.7	46.5	48.8	53.3	58.5	63.9	67.9	67.5	68.2	66.8
Alternative D	59.9	57.3	49.9	46.5	48.7	53.4	58.7	63.7	68.0	67.6	68.2	66.9
Difference	-0.6	0.1	0.2	0.0	-0.2	0.1	0.2	-0.2	0.1	0.1	0.0	0.1
Percent Difference	-1.0%	0.2%	0.5%	0.0%	-0.3%	0.2%	0.3%	-0.3%	0.2%	0.2%	0.0%	0.1%
Critical (15%)												
No Action Alternative	64.8	56.8	48.7	46.9	50.2	54.7	59.6	64.3	68.9	71.1	70.4	68.3
Alternative D	65.0	57.0	48.8	46.9	50.4	54.5	59.5	64.1	69.2	71.1	70.3	67.9
Difference	0.1	0.2	0.1	0.1	0.1	-0.2	-0.1	-0.2	0.3	0.0	-0.1	-0.4
Percent Difference	0.2%	0.3%	0.3%	0.1%	0.3%	-0.4%	-0.2%	-0.3%	0.4%	0.0%	-0.2%	-0.6%

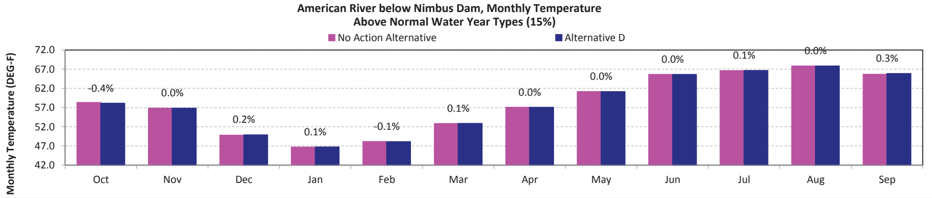
1 Based on the 82-year simulation period

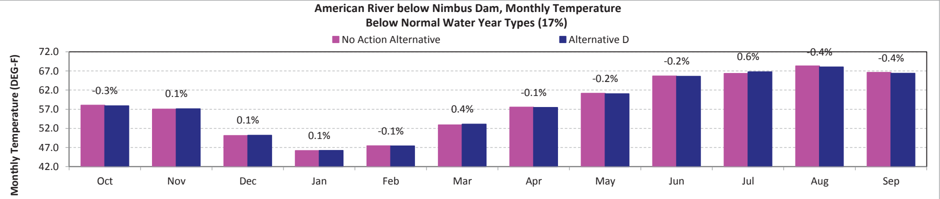
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

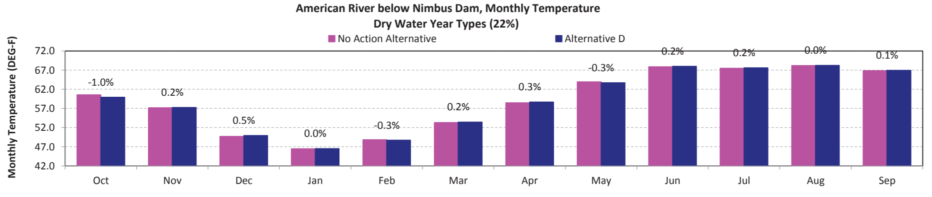
3 Relative difference of the monthly average


American River below Nimbus Dam, Monthly Temperature
Full Simulation Period


American River below Nimbus Dam, Monthly Temperature
Wet Water Year Types (32%)


American River below Nimbus Dam, Monthly Temperature
Above Normal Water Year Types (15%)


American River below Nimbus Dam, Monthly Temperature
Below Normal Water Year Types (17%)


American River below Nimbus Dam, Monthly Temperature
Dry Water Year Types (22%)

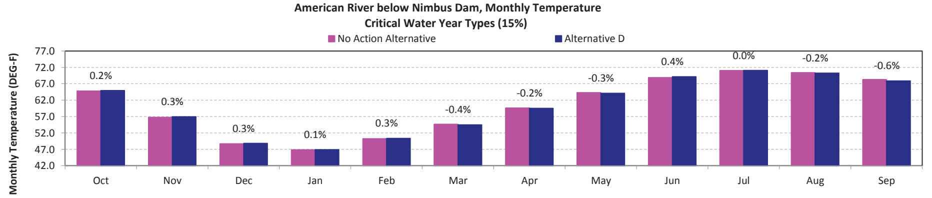

American River below Nimbus Dam, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-18-9b
American River below Nimbus Dam, Monthly Temperature
Probability of Exceedance

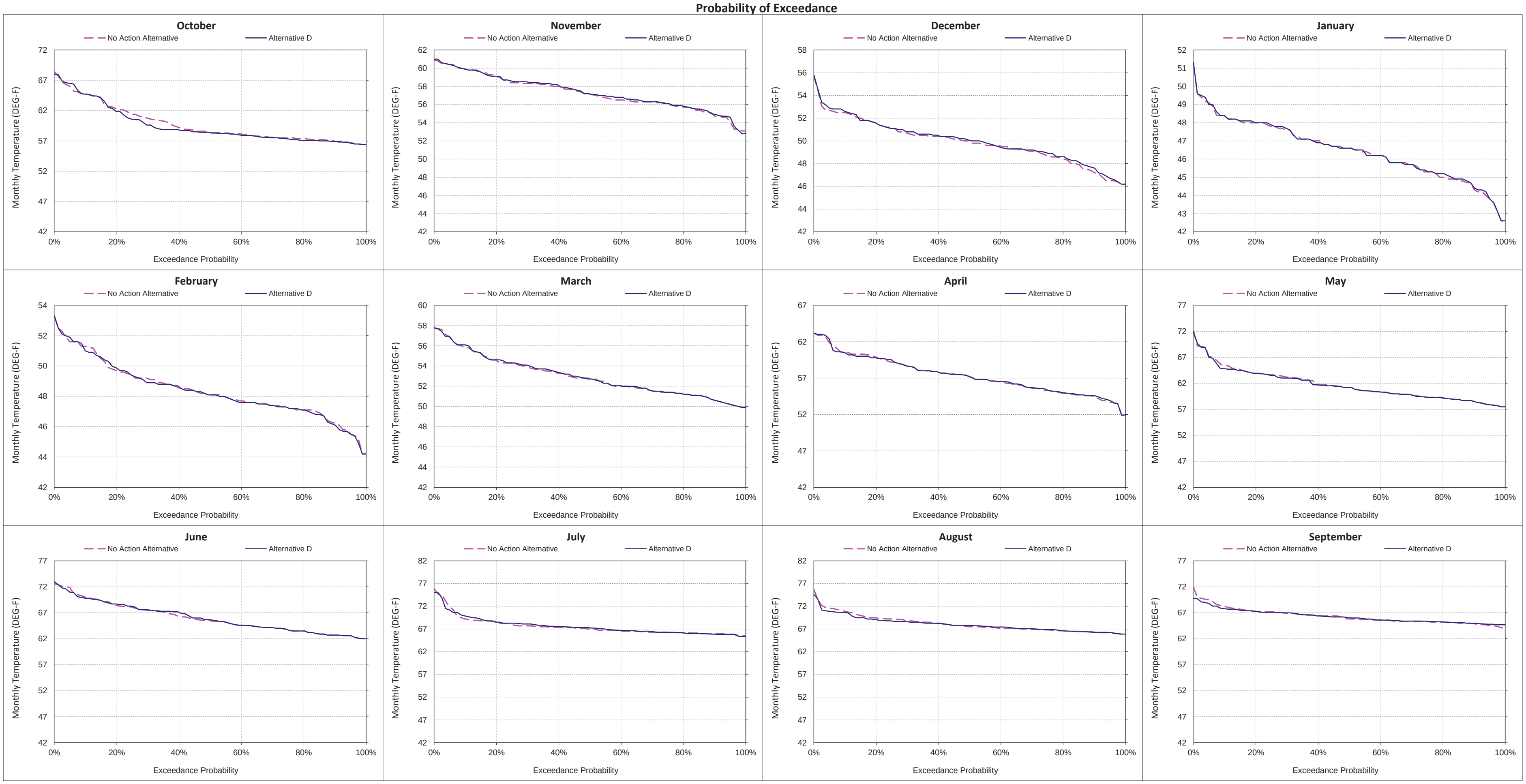


Table SQ-18-9b

American River below Nimbus Dam, Monthly Temperature

Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	68.4	68.0	-0.4	-0.6%
1.2%	67.7	67.9	0.2	0.3%
2.5%	66.7	66.9	0.2	0.3%
3.7%	66.3	66.6	0.3	0.5%
4.9%	66.0	66.5	0.5	0.8%
6.2%	65.2	66.4	1.2	1.8%
7.4%	65.1	65.4	0.3	0.5%
8.6%	64.8	64.8	0.0	0.0%
9.9%	64.8	64.7	-0.1	-0.2%
11.1%	64.6	64.7	0.1	0.2%
12.3%	64.5	64.4	-0.1	-0.2%
13.6%	64.4	64.4	0.0	0.0%
14.8%	64.2	64.1	-0.1	-0.2%
16.0%	62.9	63.5	0.6	1.0%
17.3%	62.7	62.5	-0.2	-0.3%
18.5%	62.6	62.4	-0.2	-0.3%
19.8%	62.3	61.9	-0.4	-0.6%
21.0%	62.2	61.9	-0.3	-0.5%
22.2%	62.1	61.3	-0.8	-1.3%
23.5%	61.8	60.8	-1.0	-1.6%
24.7%	61.4	60.6	-0.8	-1.3%
25.9%	61.4	60.5	-0.9	-1.5%
27.2%	61.1	60.5	-0.6	-1.0%
28.4%	60.9	60.1	-0.8	-1.3%
29.6%	60.8	59.6	-1.2	-2.0%
30.9%	60.6	59.6	-1.0	-1.7%
32.1%	60.5	59.2	-1.3	-2.1%
33.3%	60.4	59.0	-1.4	-2.3%
34.6%	60.3	58.9	-1.4	-2.3%
35.8%	60.2	58.9	-1.3	-2.2%
37.0%	59.8	58.9	-0.9	-1.5%
38.3%	59.5	58.9	-0.6	-1.0%
39.5%	59.3	58.9	-0.4	-0.7%
40.7%	59.1	58.7	-0.4	-0.7%
42.0%	58.9	58.7	-0.2	-0.3%
43.2%	58.9	58.7	-0.2	-0.3%
44.4%	58.8	58.5	-0.3	-0.5%
45.7%	58.6	58.5	-0.1	-0.2%
46.9%	58.6	58.4	-0.2	-0.3%
48.1%	58.6	58.4	-0.2	-0.3%
49.4%	58.4	58.4	0.0	0.0%
50.6%	58.4	58.3	-0.1	-0.2%
51.9%	58.4	58.3	-0.1	-0.2%
53.1%	58.4	58.2	-0.2	-0.3%
54.3%	58.3	58.2	-0.1	-0.2%
55.6%	58.3	58.2	-0.1	-0.2%
56.8%	58.2	58.1	-0.1	-0.2%
58.0%	58.2	58.1	-0.1	-0.2%
59.3%	58.2	58.0	-0.2	-0.3%
60.5%	58.1	57.9	-0.2	-0.3%
61.7%	58.0	57.9	-0.1	-0.2%
63.0%	57.9	57.9	0.0	0.0%
64.2%	57.8	57.8	0.0	0.0%
65.4%	57.8	57.7	-0.1	-0.2%
66.7%	57.7	57.6	-0.1	-0.2%
67.9%	57.7	57.6	-0.1	-0.2%
69.1%	57.6	57.5	-0.1	-0.2%
70.4%	57.6	57.5	-0.1	-0.2%
71.6%	57.5	57.5	0.0	0.0%
72.8%	57.5	57.4	-0.1	-0.2%
74.1%	57.5	57.4	-0.1	-0.2%
75.3%	57.5	57.3	-0.2	-0.3%
76.5%	57.5	57.2	-0.3	-0.5%
77.8%	57.4	57.2	-0.2	-0.3%
79.0%	57.4	57.1	-0.3	-0.5%
80.2%	57.4	57.1	-0.3	-0.5%
81.5%	57.3	57.1	-0.2	-0.3%
82.7%	57.2	57.1	-0.1	-0.2%
84.0%	57.2	57.1	-0.1	-0.2%
85.2%	57.2	57.0	-0.2	-0.3%
86.4%	57.2	57.0	-0.2	-0.3%
87.7%	57.1	57.0	-0.1	-0.2%
88.9%	57.1	56.9	-0.2	-0.4%
90.1%	56.9	56.9	0.0	0.0%
91.4%	56.8	56.9	0.1	0.2%
92.6%	56.8	56.8	0.0	0.0%
93.8%	56.8	56.8	0.0	0.0%
95.1%	56.7	56.6	-0.1	-0.2%
96.3%	56.6	56.5	-0.1	-0.2%
97.5%	56.5	56.5	0.0	0.0%
98.8%	56.4	56.4	0.0	0.0%
100.0%	56.4	56.4	0.0	0.0%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.9	61.0	0.1	0.2%
1.2%	60.8	61.0	0.2	0.3%
2.5%	60.5	60.6	0.1	0.2%
3.7%	60.5	60.5	0.0	0.0%
4.9%	60.4	60.4	0.0	0.0%
6.2%	60.4	60.3	-0.1	-0.2%
7.4%	60.0	60.1	0.1	0.2%
8.6%	60.0	60.0	0.0	0.0%
9.9%	59.9	59.9	0.0	0.0%
11.1%	59.8	59.8	0.0	0.0%
12.3%	59.8	59.8	0.0	0.0%
13.6%	59.7	59.8	0.1	0.2%
14.8%	59.6	59.6	0.0	0.0%
16.0%	59.6	59.4	-0.2	-0.3%
17.3%	59.3	59.2	-0.1	-0.2%
18.5%	59.3	59.1	-0.2	-0.3%
19.8%	59.1	59.1	0.0	0.0%
21.0%	59.0	59.1	0.1	0.2%
22.2%	58.7	58.7	0.0	0.0%
23.5%	58.6	58.7	0.1	0.2%
24.7%	58.4	58.6	0.2	0.3%
25.9%	58.4	58.5	0.1	0.2%
27.2%	58.4	58.5	0.1	0.2%
28.4%	58.3	58.5	0.2	0.3%
29.6%	58.3	58.5	0.2	0.3%
30.9%	58.3	58.4	0.1	0.2%
32.1%	58.3	58.4	0.1	0.2%
33.3%	58.3	58.4	0.1	0.2%
34.6%	58.2	58.3	0.1	0.2%
35.8%	58.2	58.3	0.1	0.2%
37.0%	58.1	58.3	0.2	0.3%
38.3%	58.0	58.2	0.2	0.3%
39.5%	58.0	58.2	0.2	0.3%
40.7%	57.9	57.9	0.0	0.0%
42.0%	57.7	57.9	0.2	0.3%
43.2%	57.7	57.8	0.1	0.2%
44.4%	57.6	57.7	0.1	0.2%
45.7%	57.5	57.6	0.1	0.2%
46.9%	57.4	57.5	0.1	0.2%
48.1%	57.2	57.2	0.0	0.0%
49.4%	57.2	57.2	0.0	0.0%
50.6%	57.1	57.1	0.0	0.0%
51.9%	57.0	57.1	0.1	0.2%
53.1%	56.9	57.0	0.1	0.2%
54.3%	56.8	57.0	0.2	0.4%
55.6%	56.7	56.9	0.2	0.4%
56.8%	56.6	56.9	0.3	0.5%
58.0%	56.5	56.8	0.3	0.5%
59.3%	56.5	56.8	0.3	0.5%
60.5%	56.5	56.8	0.3	0.5%
61.7%	56.4	56.6	0.2	0.4%
63.0%	56.4	56.6	0.2	0.4%
64.2%	56.3	56.5	0.2	0.4%
65.4%	56.3	56.5	0.2	0.4%
66.7%	56.3	56.4	0.1	0.2%
67.9%	56.3	56.3	0.0	0.0%
69.1%	56.3	56.3	0.0	0.0%
70.4%	56.3	56.3	0.0	0.0%
71.6%	56.2	56.3	0.1	0.2%
72.8%	56.2	56.2	0.0	0.0%
74.1%	56.2	56.1	-0.1	-0.2%
75.3%	56.0	56.1	0.1	0.2%
76.5%	55.9	55.9	0.0	0.0%
77.8%	55.8	55.9	0.1	0.2%
79.0%	55.8	55.9	0.1	0.2%
80.2%	55.7	55.8	0.1	0.2%
81.5%	55.7	55.7	0.0	0.0%
82.7%	55.6	55.6	0.0	0.0%
84.0%	55.4	55.5	0.1	0.2%
85.2%	55.4	55.5	0.1	0.2%
86.4%	55.2	55.4	0.2	0.4%
87.7%	55.2	55.3	0.1	0.2%
88.9%	55.1	55.0	-0.1	-0.2%
90.1%	54.7	54.9	0.2	0.4%
91.4%	54.7	54.8	0.1	0.2%
92.6%	54.6	54.7	0.1	0.2%
93.8%	54.6	54.7	0.1	0.2%
95.1%	54.0	54.6	0.6	1.1%
96.3%	53.3	53.6	0.3	0.6%
97.5%	53.3	53.2	-0.1	-0.2%
98.8%	53.1	52.8	-0.3	-0.6%
100.0%	53.1	52.8	-0.3	-0.6%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	55.7	55.8	0.1	0.2%
1.2%	54.5	54.6	0.1	0.2%
2.5%	53.1	53.4	0.3	0.6%
3.7%	52.7	53.2	0.5	0.9%
4.9%	52.7	52.9	0.2	0.4%
6.2%	52.6	52.8	0.2	0.4%
7.4%	52.5	52.8	0.3	0.6%
8.6%	52.5	52.8	0.3	0.6%
9.9%	52.5	52.6	0.1	0.2%
11.1%	52.4	52.5	0.1	0.2%
12.3%	52.3	52.4	0.1	0.2%
13.6%	52.1	52.3	0.2	0.4%
14.8%	52.0	51.8	-0.2	-0.4%
16.0%	51.9	51.8	-0.1	-0.2%
17.3%	51.8	51.8	0.0	0.0%
18.5%	51.7	51.7	0.0	0.0%
19.8%	51.6	51.6	0.0	0.0%
21.0%	51.4	51.4	0.0	0.0%
22.2%	51.3	51.3	0.0	0.0%
23.5%	51.2	51.2	0.0	0.0%
24.7%	51.2	51.1	-0.1	-0.2%
25.9%	51.1	51.1	0.0	0.0%
27.2%	50.8	51.0	0.2	0.4%
28.4%	50.8	51.0	0.2	0.4%
29.6%	50.7	50.8	0.1	0.2%
30.9%	50.6	50.8	0.2	0.4%
32.1%	50.5	50.8	0.3	0.6%
33.3%	50.5	50.6	0.1	0.2%
34.6%	50.5	50.6	0.1	0.2%
35.8%	50.5	50.6	0.1	0.2%
37.0%	50.4	50.6	0.2	0.4%
38.3%	50.4	50.5	0.1	0.2%
39.5%	50.4	50.5	0.1	0.2%
40.7%	50.4	50.4	0.0	0.0%
42.0%	50.3	50.4	0.1	0.2%
43.2%	50.3	50.4	0.1	0.2%
44.4%	50.2	50.4	0.2	0.4%
45.7%	50.1	50.3	0.2	0.4%
46.9%	50.1	50.2	0.1	0.2%
48.1%	50.0	50.2	0.2	0.4%
49.4%	50.0	50.1	0.1	0.2%
50.6%	49.8	50.0	0.2	0.4%
51.9%	49.8	50.0	0.2	0.4%
53.1%	49.8	50.0	0.2	0.4%
54.3%	49.7	49.9	0.2	0.4%
55.6%	49.6	49.8	0.2	0.4%
56.8%	49.6	49.7	0.1	0.2%
58.0%	49.6	49.6	0.0	0.0%
59.3%	49.6	49.5	-0.1	-0.2%
60.5%	49.5	49.4	-0.1	-0.2%
61.7%	49.5	49.3	-0.2	-0.4%
63.0%	49.4	49.3	-0.1	-0.2%
64.2%	49.3	49.3	0.0	0.0%
65.4%	49.3	49.3	0.0	0.0%
66.7%	49.2	49.3	0.1	0.2%
67.9%	49.2	49.2	0.0	0.0%
69.1%	49.1	49.2	0.1	0.2%
70.4%	49.1	49.2	0.1	0.2%
71.6%	49.1	49.1	0.0	0.0%
72.8%	48.9	49.1	0.2	0.4%
74.1%	48.8	49.0	0.2	0.4%
75.3%	48.6	48.9	0.3	0.6%
76.5%	48.6	48.9	0.3	0.6%
77.8%	48.6	48.6	0.0	0.0%
79.0%	48.5	48.6	0.1	0.2%
80.2%	48.4	48.6	0.2	0.4%
81.5%	48.3	48.4	0.1	0.2%
82.7%	48.0	48.3	0.3	0.6%
84.0%	48.0	48.3	0.3	0.6%
85.2%	47.9	48.1	0.2	0.4%
86.4%	47.5	47.9	0.4	0.8%
87.7%	47.5	47.8	0.3	0.6%
88.9%	47.4	47.7	0.3	0.6%
90.1%	47.2	47.6	0.4	0.8%
91.4%	47.1	47.2	0.1	0.2%
92.6%	46.8	47.1	0.3	0.6%
93.8%	46.5	46.9	0.4	0.9%
95.1%	46.5	46.7	0.2	0.4%
96.3%	46.5	46.6	0.1	0.2%
97.5%	46.4	46.4	0.0	0.0%
98.8%	46.2	46.2	0.0	0.0%
100.0%	46.2	46.2	0.0	0.0%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	51.2	51.3	0.1	0.2%
1.2%	49.6	49.6	0.0	0.0%
2.5%	49.4	49.5	0.1	0.2%
3.7%	49.2	49.4	0.2	0.4%
4.9%	49.1	49.0	-0.1	-0.2%
6.2%	48.9	49.0	0.1	0.2%
7.4%	48.4	48.6	0.2	0.4%
8.6%	48.4	48.4	0.0	0.0%
9.9%	48.4	48.4	0.0	0.0%
11.1%	48.2	48.2	0.0	0.0%
12.3%	48.2	48.2	0.0	0.0%
13.6%	48.2	48.2	0.0	0.0%
14.8%	48.1	48.1	0.0	0.0%
16.0%	48.0	48.1	0.1	0.2%
17.3%	48.0	48.1	0.1	0.2%
18.5%	48.0	48.1	0.1	0.2%
19.8%	48.0	48.0	0.0	0.0%
21.0%	48.0	48.0	0.0	0.0%
22.2%	48.0	48.0	0.0	0.0%
23.5%	47.9	48.0	0.1	0.2%
24.7%	47.8	47.9	0.1	0.2%
25.9%	47.8	47.8	0.0	0.0%
27.2%	47.7	47.8	0.1	0.2%
28.4%	47.7	47.8	0.1	0.2%
29.6%	47.6	47.7	0.1	0.2%
30.9%	47.6	47.6	0.0	0.0%
32.1%	47.3	47.3	0.0	0.0%
33.3%	47.3	47.1	-0.2	-0.4%
34.6%	47.1	47.1	0.0	0.0%
35.8%	47.1	47.1	0.0	0.0%
37.0%	47.1	47.1	0.0	0.0%
38.3%	47.0	47.0	0.0	0.0%
39.5%	47.0	46.9	-0.1	-0.2%
40.7%	47.0	46.9	-0.1	-0.2%
42.0%	46.8	46.8	0.0	0.0%
43.2%	46.8	46.8	0.0	0.0%
44.4%	46.7	46.7	0.0	0.0%
45.7%	46.7	46.7	0.0	0.0%
46.9%	46.7	46.6	-0.1	-0.2%
48.1%	46.6	46.6	0.0	0.0%
49.4%	46.6	46.6	0.0	0.0%
50.6%	46.6	46.6	0.0	0.0%
51.9%	46.5	46.5	0.0	0.0%
53.1%	46.5	46.5	0.0	0.0%
54.3%	46.4	46.5	0.1	0.2%
55.6%	46.4	46.2	-0.2	-0.4%
56.8%	46.3	46.2	-0.1	-0.2%
58.0%	46.2	46.2	0.0	0.0%
59.3%	46.2	46.2	0.0	0.0%
60.5%	46.2	46.2	0.0	0.0%
61.7%	46.1	46.1	0.0	0.0%
63.0%	45.8	45.8	0.0	0.0%
64.2%	45.8	45.8	0.0	0.0%
65.4%	45.8	45.8	0.0	0.0%
66.7%	45.8	45.8	0.0	0.0%
67.9%	45.8	45.7	-0.1	-0.2%
69.1%	45.7	45.7	0.0	0.0%
70.4%	45.7	45.7	0.0	0.0%
71.6%	45.6	45.5	-0.1	-0.2%
72.8%	45.4	45.4	0.0	0.0%
74.1%	45.3	45.4	0.1	0.2%
75.3%	45.3	45.3	0.0	0.0%
76.5%	45.3	45.3	0.0	0.0%
77.8%	45.2	45.2	0.0	0.0%
79.0%	45.0	45.2	0.2	0.4%
80.2%	45.0	45.2	0.2	0.4%
81.5%	44.9	45.1	0.2	0.4%
82.7%	44.9	45.0	0.1	0.2%
84.0%	44.9	44.9	0.0	0.0%
85.2%	44.8	44.9	0.1	0.2%
86.4%	44.8	44.9	0.1	0.2%
87.7%	44.7	44.8	0.1	0.2%
88.9%	44.7	44.7	0.0	0.0%
90.1%	44.3	44.4	0.1	0.2%
91.4%	44.2	44.3	0.1	0.2%
92.6%	44.2	44.3	0.1	0.2%
93.8%	44.0	44.2	0.2	0.5%
95.1%	43.8	43.8	0.0	0.0%
96.3%	43.6	43.6	0.0	0.0%
97.5%	43.1	43.1	0.0	0.0%
98.8%	42.6	42.6	0.0	0.0%
100.0%	42.6	42.6	0.0	0.0%

Table SQ-18-9b

American River below Nimbus Dam, Monthly Temperature
Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.3	53.3	0.0	0.0%
1.2%	52.5	52.5	0.0	0.0%
2.5%	52.3	52.1	-0.2	-0.4%
3.7%	51.9	52.0	0.1	0.2%
4.9%	51.6	51.9	0.3	0.6%
6.2%	51.6	51.6	0.0	0.0%
7.4%	51.6	51.6	0.0	0.0%
8.6%	51.3	51.5	0.2	0.4%
9.9%	51.3	51.0	-0.3	-0.6%
11.1%	51.2	50.9	-0.3	-0.6%
12.3%	51.2	50.9	-0.3	-0.6%
13.6%	50.8	50.7	-0.1	-0.2%
14.8%	50.5	50.6	0.1	0.2%
16.0%	50.3	50.4	0.1	0.2%
17.3%	49.9	50.3	0.4	0.8%
18.5%	49.8	50.0	0.2	0.4%
19.8%	49.7	49.9	0.2	0.4%
21.0%	49.6	49.7	0.1	0.2%
22.2%	49.6	49.7	0.1	0.2%
23.5%	49.5	49.6	0.1	0.2%
24.7%	49.4	49.4	0.0	0.0%
25.9%	49.2	49.3	0.1	0.2%
27.2%	49.2	49.2	0.0	0.0%
28.4%	49.2	49.1	-0.1	-0.2%
29.6%	49.2	48.9	-0.3	-0.6%
30.9%	49.1	48.9	-0.2	-0.4%
32.1%	49.1	48.9	-0.2	-0.4%
33.3%	48.9	48.8	-0.1	-0.2%
34.6%	48.9	48.8	-0.1	-0.2%
35.8%	48.8	48.8	0.0	0.0%
37.0%	48.8	48.8	0.0	0.0%
38.3%	48.7	48.7	0.0	0.0%
39.5%	48.6	48.7	0.1	0.2%
40.7%	48.5	48.5	0.0	0.0%
42.0%	48.5	48.4	-0.1	-0.2%
43.2%	48.5	48.4	-0.1	-0.2%
44.4%	48.4	48.4	0.0	0.0%
45.7%	48.3	48.3	0.0	0.0%
46.9%	48.2	48.3	0.1	0.2%
48.1%	48.2	48.2	0.0	0.0%
49.4%	48.1	48.1	0.0	0.0%
50.6%	48.1	48.1	0.0	0.0%
51.9%	48.1	48.1	0.0	0.0%
53.1%	48.1	48.0	-0.1	-0.2%
54.3%	48.0	48.0	0.0	0.0%
55.6%	47.9	47.9	0.0	0.0%
56.8%	47.8	47.8	0.0	0.0%
58.0%	47.8	47.7	-0.1	-0.2%
59.3%	47.7	47.6	-0.1	-0.2%
60.5%	47.7	47.6	-0.1	-0.2%
61.7%	47.6	47.6	0.0	0.0%
63.0%	47.6	47.6	0.0	0.0%
64.2%	47.6	47.6	0.0	0.0%
65.4%	47.5	47.5	0.0	0.0%
66.7%	47.5	47.5	0.0	0.0%
67.9%	47.5	47.5	0.0	0.0%
69.1%	47.4	47.4	0.0	0.0%
70.4%	47.4	47.4	0.0	0.0%
71.6%	47.4	47.3	-0.1	-0.2%
72.8%	47.3	47.3	0.0	0.0%
74.1%	47.3	47.3	0.0	0.0%
75.3%	47.2	47.2	0.0	0.0%
76.5%	47.2	47.2	0.0	0.0%
77.8%	47.1	47.2	0.1	0.2%
79.0%	47.1	47.1	0.0	0.0%
80.2%	47.1	47.1	0.0	0.0%
81.5%	47.1	47.0	-0.1	-0.2%
82.7%	47.1	46.9	-0.2	-0.4%
84.0%	47.0	46.8	-0.2	-0.4%
85.2%	46.9	46.8	-0.1	-0.2%
86.4%	46.7	46.7	0.0	0.0%
87.7%	46.4	46.3	-0.1	-0.2%
88.9%	46.3	46.2	-0.1	-0.2%
90.1%	46.2	46.1	-0.1	-0.2%
91.4%	46.1	45.8	-0.3	-0.7%
92.6%	45.8	45.7	-0.1	-0.2%
93.8%	45.8	45.7	-0.1	-0.2%
95.1%	45.5	45.5	0.0	0.0%
96.3%	45.4	45.4	0.0	0.0%
97.5%	45.2	44.9	-0.3	-0.7%
98.8%	44.2	44.2	0.0	0.0%
100.0%	44.2	44.2	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	57.7	57.8	0.1	0.2%
1.2%	57.7	57.7	0.0	0.0%
2.5%	57.6	57.4	-0.2	-0.3%
3.7%	57.1	56.9	-0.2	-0.4%
4.9%	56.9	56.9	0.0	0.0%
6.2%	56.4	56.4	0.0	0.0%
7.4%	56.1	56.1	0.0	0.0%
8.6%	56.0	56.1	0.1	0.2%
9.9%	55.9	56.1	0.2	0.4%
11.1%	55.8	56.0	0.2	0.4%
12.3%	55.5	55.5	0.0	0.0%
13.6%	55.3	55.4	0.1	0.2%
14.8%	55.3	55.3	0.0	0.0%
16.0%	54.9	55.0	0.1	0.2%
17.3%	54.9	54.7	-0.2	-0.4%
18.5%	54.6	54.6	0.0	0.0%
19.8%	54.6	54.6	0.0	0.0%
21.0%	54.3	54.6	0.3	0.6%
22.2%	54.3	54.5	0.2	0.4%
23.5%	54.3	54.3	0.0	0.0%
24.7%	54.3	54.3	0.0	0.0%
25.9%	54.2	54.3	0.1	0.2%
27.2%	54.1	54.2	0.1	0.2%
28.4%	54.0	54.1	0.1	0.2%
29.6%	54.0	54.1	0.1	0.2%
30.9%	53.8	54.0	0.2	0.4%
32.1%	53.7	53.8	0.1	0.2%
33.3%	53.7	53.7	0.0	0.0%
34.6%	53.6	53.7	0.1	0.2%
35.8%	53.5	53.7	0.2	0.4%
37.0%	53.5	53.6	0.1	0.2%
38.3%	53.4	53.5	0.1	0.2%
39.5%	53.3	53.4	0.1	0.2%
40.7%	53.3	53.3	0.0	0.0%
42.0%	53.2	53.2	0.0	0.0%
43.2%	53.0	53.2	0.2	0.4%
44.4%	52.9	53.0	0.1	0.2%
45.7%	52.8	53.0	0.2	0.4%
46.9%	52.8	52.9	0.1	0.2%
48.1%	52.8	52.8	0.0	0.0%
49.4%	52.8	52.7	-0.1	-0.2%
50.6%	52.7	52.7	0.0	0.0%
51.9%	52.7	52.6	-0.1	-0.2%
53.1%	52.5	52.5	0.0	0.0%
54.3%	52.5	52.3	-0.2	-0.4%
55.6%	52.3	52.3	0.0	0.0%
56.8%	52.1	52.1	0.0	0.0%
58.0%	52.0	52.1	0.1	0.2%
59.3%	52.0	52.1	0.1	0.2%
60.5%	52.0	52.0	0.0	0.0%
61.7%	52.0	52.0	0.0	0.0%
63.0%	51.9	52.0	0.1	0.2%
64.2%	51.9	52.0	0.1	0.2%
65.4%	51.8	51.9	0.1	0.2%
66.7%	51.8	51.8	0.0	0.0%
67.9%	51.7	51.8	0.1	0.2%
69.1%	51.6	51.6	0.0	0.0%
70.4%	51.5	51.5	0.0	0.0%
71.6%	51.5	51.5	0.0	0.0%
72.8%	51.4	51.5	0.1	0.2%
74.1%	51.4	51.4	0.0	0.0%
75.3%	51.4	51.4	0.0	0.0%
76.5%	51.4	51.4	0.0	0.0%
77.8%	51.3	51.3	0.0	0.0%
79.0%	51.3	51.3	0.0	0.0%
80.2%	51.2	51.2	0.0	0.0%
81.5%	51.2	51.2	0.0	0.0%
82.7%	51.1	51.1	0.0	0.0%
84.0%	51.1	51.1	0.0	0.0%
85.2%	51.1	51.1	0.0	0.0%
86.4%	51.0	51.0	0.0	0.0%
87.7%	50.9	50.9	0.0	0.0%
88.9%	50.7	50.7	0.0	0.0%
90.1%	50.6	50.6	0.0	0.0%
91.4%	50.5	50.5	0.0	0.0%
92.6%	50.4	50.4	0.0	0.0%
93.8%	50.3	50.3	0.0	0.0%
95.1%	50.2	50.2	0.0	0.0%
96.3%	50.1	50.1	0.0	0.0%
97.5%	50.0	50.0	0.0	0.0%
98.8%	49.9	49.9	0.0	0.0%
100.0%	49.9	49.9	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	63.2	63.2	0.0	0.0%
1.2%	62.9	63.0	0.1	0.2%
2.5%	62.9	63.0	0.1	0.2%
3.7%	62.7	62.9	0.2	0.3%
4.9%	61.9	62.4	0.5	0.8%
6.2%	61.5	60.8	-0.7	-1.1%
7.4%	61.1	60.6	-0.5	-0.8%
8.6%	60.6	60.6	0.0	0.0%
9.9%	60.6	60.5	-0.1	-0.2%
11.1%	60.5	60.2	-0.3	-0.5%
12.3%	60.3	60.2	-0.1	-0.2%
13.6%	60.3	60.0	-0.3	-0.5%
14.8%	60.3	60.0	-0.3	-0.5%
16.0%	60.3	60.0	-0.3	-0.5%
17.3%	60.2	60.0	-0.2	-0.3%
18.5%	60.1	59.8	-0.3	-0.5%
19.8%	59.9	59.8	-0.1	-0.2%
21.0%	59.7	59.7	0.0	0.0%
22.2%	59.6	59.7	0.1	0.2%
23.5%	59.4	59.6	0.2	0.3%
24.7%	59.2	59.6	0.4	0.7%
25.9%	59.2	59.2	0.0	0.0%
27.2%	59.0	59.0	0.0	0.0%
28.4%	58.9	58.9	0.0	0.0%
29.6%	58.7	58.7	0.0	0.0%
30.9%	58.5	58.6	0.1	0.2%
32.1%	58.5	58.5	0.0	0.0%
33.3%	58.1	58.1	0.0	0.0%
34.6%	58.0	58.0	0.0	0.0%
35.8%	58.0	58.0	0.0	0.0%
37.0%	58.0	58.0	0.0	0.0%
38.3%	57.9	57.9	0.0	0.0%
39.5%	57.9	57.9	0.0	0.0%
40.7%	57.7	57.7	0.0	0.0%
42.0%	57.7	57.7	0.0	0.0%
43.2%	57.6	57.6	0.0	0.0%
44.4%	57.6	57.5	-0.1	-0.2%
45.7%	57.5	57.5	0.0	0.0%
46.9%	57.5	57.5	0.0	0.0%
48.1%	57.5	57.4	-0.1	-0.2%
49.4%	57.3	57.3	0.0	0.0%
50.6%	57.1	57.1	0.0	0.0%
51.9%	57.0	56.8	-0.2	-0.4%
53.1%	56.8	56.8	0.0	0.0%
54.3%	56.8	56.8	0.0	0.0%
55.6%	56.8	56.8	0.0	0.0%
56.8%	56.7	56.6	-0.1	-0.2%
58.0%	56.6	56.6	0.0	0.0%
59.3%	56.5	56.5	0.0	0.0%
60.5%	56.5	56.5	0.0	0.0%
61.7%	56.3	56.5	0.2	0.4%
63.0%	56.3	56.4	0.1	0.2%
64.2%	56.1	56.2	0.1	0.2%
65.4%	56.1	56.2	0.1	0.2%
66.7%	56.0	56.1	0.1	0.2%
67.9%	55.8	55.8	0.0	0.0%
69.1%	55.7	55.7	0.0	0.0%
70.4%	55.6	55.7	0.1	0.2%
71.6%	55.6	55.6	0.0	0.0%
72.8%	55.5	55.6	0.1	0.2%
74.1%	55.3	55.5	0.2	0.4%
75.3%	55.3	55.3	0.0	0.0%
76.5%	55.2	55.2	0.0	0.0%
77.8%	55.1	55.2	0.1	0.2%
79.0%	55.0	55.1	0.1	0.2%
80.2%	54.9	55.0	0.1	0.2%
81.5%	54.9	54.9	0.0	0.0%
82.7%	54.8	54.9	0.1	0.2%
84.0%	54.7	54.8	0.1	0.2%
85.2%	54.7	54.7	0.0	0.0%
86.4%	54.6	54.7	0.1	0.2%
87.7%	54.6	54.6	0.0	0.0%
88.9%	54.6	54.6	0.0	0.0%
90.1%	54.4	54.6	0.2	0.4%
91.4%	54.2	54.4	0.2	0.4%
92.6%	53.9	54.2	0.3	0.6%
93.8%	53.9	54.1	0.2	0.4%
95.1%	53.7	53.9	0.2	0.4%
96.3%	53.6	53.6	0.0	0.0%
97.5%	53.5	53.5	0.0	0.0%
98.8%	51.9	51.9	0.0	0.0%
100.0%	51.9	51.9	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	72.1	71.8	-0.3	-0.4%
1.2%	69.2	69.7	0.5	0.7%
2.5%	69.1	68.9	-0.2	-0.3%
3.7%	69.0	68.9	-0.1	-0.1%
4.9%	67.2	67.0	-0.2	-0.3%
6.2%	67.0	66.8	-0.2	-0.3%
7.4%	66.4	65.8	-0.6	-0.9%
8.6%	65.7	64.8	-0.9	-1.4%
9.9%	65.4	64.8	-0.6	-0.9%
11.1%	65.4	64.7	-0.7	-1.1%
12.3%	64.9	64.7	-0.2	-0.3%
13.6%	64.9	64.6	-0.3	-0.5%
14.8%	64.7	64.4	-0.3	-0.5%
16.0%	64.4	64.4	0.0	0.0%
17.3%	64.2	64.2	0.0	0.0%
18.5%	64.0	64.0	0.0	0.0%
19.8%	63.9	63.9	0.0	0.0%
21.0%	63.9	63.9	0.0	0.0%
22.2%	63.7	63.8	0.1	0.2%
23.5%	63.7	63.7	0.0	0.0%
24.7%	63.7	63.5	-0.2	-0.3%
25.9%	63.6	63.5	-0.1	-0.2%
27.2%	63.5	63.1	-0.4	-0.6%
28.4%	63.4	63.0	-0.4	-0.6%
29.6%	63.2	63.0	-0.2	-0.3%
30.9%	63.2	63.0	-0.2	-0.3%
32.1%	63.1	62.9	-0.2	-0.3%
33.3%	63.0	62.9	-0.1	-0.2%
34.6%	62.9	62.6	-0.3	-0.5%
35.8%	62.6	62.6	0.0	0.0%
37.0%	62.6	62.6	0.0	0.0%
38.3%	62.5	61.7	-0.8	-1.3%
39.5%	61.8	61.7	-0.1	-0.2%
40.7%	61.7	61.6	-0.1	-0.2%
42.0%	61.7	61.6	-0.1	-0.2%
43.2%	61.7	61.5	-0.2	-0.3%
44.4%	61.6	61.5	-0.1	-0.2%
45.7%	61.5	61.4	-0.1	-0.2%
46.9%	61.4	61.4	0.0	0.0%
48.1%	61.2	61.2	0.0	0.0%
49.4%	61.2	61.2	0.0	0.0%
50.6%	61.2	61.2	0.0	0.0%
51.9%	60.8	60.8	0.0	0.0%
53.1%	60.7	60.7	0.0	0.0%
54.3%	60.6	60.6	0.0	0.0%
55.6%	60.6	60.6	0.0	0.0%
56.8%	60.5	60.5	0.0	0.0%
58.0%	60.4	60.5	0.1	0.2%
59.3%	60.4	60.4	0.0	0.0%
60.5%	60.3	60.3	0.0	0.0%
61.7%	60.3	60.3	0.0	0.0%
63.0%	60.1	60.1	0.0	0.0%
64.2%	60.0	60.0	0.0	0.0%
65.4%	60.0	60.0	0.0	0.0%
66.7%	59.9	59.9	0.0	0.0%
67.9%	59.9	59.9	0.0	0.0%
69.1%	59.9	59.9	0.0	0.0%
70.4%	59.7	59.7	0.0	0.0%
71.6%	59.6	59.5	-0.1	-0.2%
72.8%	59.5	59.5	0.0	0.0%
74.1%	59.4	59.4	0.0	0.0%
75.3%	59.3	59.3	0.0	0.0%
76.5%	59.3	59.3	0.0	0.0%
77.8%	59.3	59.3	0.0	0.0%
79.0%	59.3	59.3	0.0	0.0%
80.2%	59.1	59.2	0.1	0.2%
81.5%	59.1	59.1	0.0	0.0%
82.7%	59.0	59.0	0.0	0.0%
84.0%	58.9	58.9	0.0	0.0%
85.2%	58.9	58.9	0.0	0.0%
86.4%	58.7	58.7	0.0	0.0%
87.7%	58.7	58.7	0.0	0.0%
88.9%	58.7	58.7	0.0	0.0%
90.1%	58.5	58.5	0.0	0.0%
91.4%	58.3	58.3	0.0	0.0%
92.6%	58.2	58.2	0.0	0.0%
93.8%	58.0	58.0	0.0	0.0%
95.1%	57.9	57.9	0.0	0.0%
96.3%	57.8	57.8	0.0	0.0%
97.5%	57.7	57.7	0.0	0.0%
98.8%	57.5	57.5	0.0	0.0%
100.0%	57.5	57.5	0.0	0.0%

Table SQ-18-9b

American River below Nimbus Dam, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	72.6	73.0	0.4	0.6%
1.2%	72.4	72.4	0.0	0.0%
2.5%	72.1	71.8	-0.3	-0.4%
3.7%	72.0	71.6	-0.4	-0.6%
4.9%	71.9	71.0	-0.9	-1.3%
6.2%	70.7	70.9	0.2	0.3%
7.4%	70.5	70.1	-0.4	-0.6%
8.6%	70.3	70.0	-0.3	-0.4%
9.9%	70.0	69.8	-0.2	-0.3%
11.1%	69.9	69.8	-0.1	-0.1%
12.3%	69.7	69.6	-0.1	-0.1%
13.6%	69.6	69.6	0.0	0.0%
14.8%	69.2	69.4	0.2	0.3%
16.0%	69.1	69.1	0.0	0.0%
17.3%	69.1	68.9	-0.2	-0.3%
18.5%	68.7	68.7	0.0	0.0%
19.8%	68.4	68.7	0.3	0.4%
21.0%	68.3	68.6	0.3	0.4%
22.2%	68.2	68.6	0.4	0.6%
23.5%	68.2	68.3	0.1	0.1%
24.7%	68.1	68.3	0.2	0.3%
25.9%	67.9	68.1	0.2	0.3%
27.2%	67.7	67.6	-0.1	-0.1%
28.4%	67.6	67.6	0.0	0.0%
29.6%	67.5	67.6	0.1	0.1%
30.9%	67.4	67.5	0.1	0.1%
32.1%	67.4	67.4	0.0	0.0%
33.3%	67.4	67.3	-0.1	-0.1%
34.6%	67.2	67.3	0.1	0.1%
35.8%	67.1	67.3	0.2	0.3%
37.0%	66.8	67.3	0.5	0.7%
38.3%	66.7	67.2	0.5	0.7%
39.5%	66.4	67.2	0.8	1.2%
40.7%	66.2	66.9	0.7	1.1%
42.0%	66.2	66.8	0.6	0.9%
43.2%	66.0	66.4	0.4	0.6%
44.4%	65.8	66.0	0.2	0.3%
45.7%	65.7	66.0	0.3	0.5%
46.9%	65.6	66.0	0.4	0.6%
48.1%	65.5	65.7	0.2	0.3%
49.4%	65.5	65.7	0.2	0.3%
50.6%	65.4	65.6	0.2	0.3%
51.9%	65.3	65.5	0.2	0.3%
53.1%	65.3	65.3	0.0	0.0%
54.3%	65.3	65.3	0.0	0.0%
55.6%	65.1	65.1	0.0	0.0%
56.8%	64.8	64.9	0.1	0.2%
58.0%	64.7	64.7	0.0	0.0%
59.3%	64.6	64.6	0.0	0.0%
60.5%	64.6	64.6	0.0	0.0%
61.7%	64.6	64.6	0.0	0.0%
63.0%	64.5	64.5	0.0	0.0%
64.2%	64.4	64.4	0.0	0.0%
65.4%	64.3	64.3	0.0	0.0%
66.7%	64.2	64.2	0.0	0.0%
67.9%	64.2	64.2	0.0	0.0%
69.1%	64.2	64.2	0.0	0.0%
70.4%	64.1	64.1	0.0	0.0%
71.6%	64.0	64.0	0.0	0.0%
72.8%	64.0	64.0	0.0	0.0%
74.1%	63.8	63.9	0.1	0.2%
75.3%	63.6	63.6	0.0	0.0%
76.5%	63.5	63.5	0.0	0.0%
77.8%	63.5	63.5	0.0	0.0%
79.0%	63.5	63.5	0.0	0.0%
80.2%	63.5	63.5	0.0	0.0%
81.5%	63.2	63.2	0.0	0.0%
82.7%	63.2	63.2	0.0	0.0%
84.0%	63.0	63.0	0.0	0.0%
85.2%	62.9	62.9	0.0	0.0%
86.4%	62.9	62.9	0.0	0.0%
87.7%	62.8	62.7	-0.1	-0.2%
88.9%	62.7	62.7	0.0	0.0%
90.1%	62.7	62.7	0.0	0.0%
91.4%	62.7	62.7	0.0	0.0%
92.6%	62.6	62.6	0.0	0.0%
93.8%	62.6	62.6	0.0	0.0%
95.1%	62.6	62.6	0.0	0.0%
96.3%	62.3	62.3	0.0	0.0%
97.5%	62.1	62.1	0.0	0.0%
98.8%	62.0	62.0	0.0	0.0%
100.0%	62.0	62.0	0.0	0.0%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	75.9	75.0	-0.9	-1.2%
1.2%	74.7	75.0	0.3	0.4%
2.5%	74.6	73.9	-0.7	-0.9%
3.7%	73.1	71.5	-1.6	-2.2%
4.9%	71.9	71.2	-0.7	-1.0%
6.2%	71.2	70.6	-0.6	-0.8%
7.4%	69.8	70.6	0.8	1.1%
8.6%	69.5	70.1	0.6	0.9%
9.9%	69.2	69.9	0.7	1.0%
11.1%	69.1	69.7	0.6	0.9%
12.3%	68.9	69.5	0.6	0.9%
13.6%	68.9	69.4	0.5	0.7%
14.8%	68.8	69.2	0.4	0.6%
16.0%	68.8	68.9	0.1	0.1%
17.3%	68.8	68.8	0.0	0.0%
18.5%	68.7	68.8	0.1	0.1%
19.8%	68.7	68.5	-0.2	-0.3%
21.0%	68.2	68.5	0.3	0.4%
22.2%	68.2	68.3	0.1	0.1%
23.5%	68.2	68.3	0.1	0.1%
24.7%	68.0	68.3	0.3	0.4%
25.9%	67.8	68.3	0.5	0.7%
27.2%	67.7	68.2	0.5	0.7%
28.4%	67.7	68.1	0.4	0.6%
29.6%	67.7	68.1	0.4	0.6%
30.9%	67.7	68.1	0.4	0.6%
32.1%	67.6	68.0	0.4	0.6%
33.3%	67.5	67.8	0.3	0.4%
34.6%	67.5	67.8	0.3	0.4%
35.8%	67.5	67.7	0.2	0.3%
37.0%	67.4	67.6	0.2	0.3%
38.3%	67.4	67.6	0.2	0.3%
39.5%	67.4	67.5	0.1	0.1%
40.7%	67.4	67.5	0.1	0.1%
42.0%	67.3	67.5	0.2	0.3%
43.2%	67.3	67.4	0.1	0.1%
44.4%	67.3	67.4	0.1	0.1%
45.7%	67.2	67.3	0.1	0.1%
46.9%	67.1	67.3	0.2	0.3%
48.1%	67.1	67.3	0.2	0.3%
49.4%	67.0	67.3	0.3	0.4%
50.6%	66.9	67.2	0.3	0.4%
51.9%	66.9	67.2	0.3	0.4%
53.1%	66.7	67.1	0.4	0.6%
54.3%	66.7	67.0	0.3	0.4%
55.6%	66.7	66.9	0.2	0.3%
56.8%	66.7	66.8	0.1	0.1%
58.0%	66.7	66.8	0.1	0.1%
59.3%	66.6	66.7	0.1	0.2%
60.5%	66.5	66.7	0.2	0.3%
61.7%	66.5	66.7	0.2	0.3%
63.0%	66.5	66.6	0.1	0.2%
64.2%	66.5	66.6	0.1	0.2%
65.4%	66.5	66.5	0.0	0.0%
66.7%	66.4	66.5	0.1	0.2%
67.9%	66.4	66.5	0.1	0.2%
69.1%	66.3	66.5	0.2	0.3%
70.4%	66.3	66.4	0.1	0.2%
71.6%	66.3	66.3	0.0	0.0%
72.8%	66.3	66.3	0.0	0.0%
74.1%	66.3	66.3	0.0	0.0%
75.3%	66.2	66.3	0.1	0.2%
76.5%	66.2	66.3	0.1	0.2%
77.8%	66.2	66.2	0.0	0.0%
79.0%	66.2	66.2	0.0	0.0%
80.2%	66.2	66.1	-0.1	-0.2%
81.5%	66.2	66.0	-0.2	-0.3%
82.7%	66.1	66.0	-0.1	-0.2%
84.0%	66.1	66.0	-0.1	-0.2%
85.2%	66.1	66.0	-0.1	-0.2%
86.4%	66.0	66.0	0.0	0.0%
87.7%	66.0	65.9	-0.1	-0.2%
88.9%	66.0	65.9	-0.1	-0.2%
90.1%	66.0	65.9	-0.1	-0.2%
91.4%	66.0	65.8	-0.2	-0.3%
92.6%	66.0	65.8	-0.2	-0.3%
93.8%	65.8	65.8	0.0	0.0%
95.1%	65.8	65.8	0.0	0.0%
96.3%	65.8	65.8	0.0	0.0%
97.5%	65.6	65.4	-0.2	-0.3%
98.8%	65.5	65.3	-0.2	-0.3%
100.0%	65.5	65.3	-0.2	-0.3%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	75.7	74.6	-1.1	-1.5%
1.2%	73.6	73.6	0.0	0.0%
2.5%	72.2	71.2	-1.0	-1.4%
3.7%	71.7	71.0	-0.7	-1.0%
4.9%	71.6	70.9	-0.7	-1.0%
6.2%	71.5	70.8	-0.7	-1.0%
7.4%	71.3	70.7	-0.6	-0.8%
8.6%	71.2	70.7	-0.5	-0.7%
9.9%	70.9	70.7	-0.2	-0.3%
11.1%	70.7	70.5	-0.2	-0.3%
12.3%	70.6	69.8	-0.8	-1.1%
13.6%	70.2	69.5	-0.7	-1.0%
14.8%	70.0	69.5	-0.5	-0.7%
16.0%	69.8	69.5	-0.3	-0.4%
17.3%	69.6	69.2	-0.4	-0.6%
18.5%	69.5	69.2	-0.3	-0.4%
19.8%	69.5	69.1	-0.4	-0.6%
21.0%	69.3	68.9	-0.4	-0.6%
22.2%	69.3	68.9	-0.4	-0.6%
23.5%	69.2	68.8	-0.4	-0.6%
24.7%	69.2	68.8	-0.4	-0.6%
25.9%	69.2	68.7	-0.5	-0.7%
27.2%	69.1	68.7	-0.4	-0.6%
28.4%	69.1	68.6	-0.5	-0.7%
29.6%	68.8	68.6	-0.2	-0.3%
30.9%	68.8	68.5	-0.3	-0.4%
32.1%	68.7	68.5	-0.2	-0.3%
33.3%	68.6	68.5	-0.1	-0.1%
34.6%	68.6	68.4	-0.2	-0.3%
35.8%	68.5	68.3	-0.2	-0.3%
37.0%	68.5	68.3	-0.2	-0.3%
38.3%	68.3	68.3	0.0	0.0%
39.5%	68.3	68.2	-0.1	-0.1%
40.7%	68.2	68.2	0.0	0.0%
42.0%	68.0	68.1	0.1	0.1%
43.2%	67.9	68.0	0.1	0.1%
44.4%	67.8	67.8	0.0	0.0%
45.7%	67.8	67.8	0.0	0.0%
46.9%	67.8	67.8	0.0	0.0%
48.1%	67.7	67.8	0.1	0.1%
49.4%	67.5	67.8	0.3	0.4%
50.6%	67.5	67.7	0.2	0.3%
51.9%	67.5	67.7	0.2	0.3%
53.1%	67.5	67.7	0.2	0.3%
54.3%	67.4	67.6	0.2	0.3%
55.6%	67.4	67.6	0.2	0.3%
56.8%	67.4	67.5	0.1	0.1%
58.0%	67.3	67.4	0.1	0.1%
59.3%	67.2	67.4	0.2	0.3%
60.5%	67.1	67.4	0.3	0.4%
61.7%	67.1	67.4	0.3	0.4%
63.0%	67.1	67.3	0.2	0.3%
64.2%	67.1	67.2	0.1	0.1%
65.4%	67.1	67.1	0.0	0.0%
66.7%	67.0	67.1	0.1	0.1%
67.9%	67.0	67.1	0.1	0.1%
69.1%	66.9	67.1	0.2	0.3%
70.4%	66.9	67.0	0.1	0.1%
71.6%	66.9	67.0	0.1	0.1%
72.8%	66.8	66.9	0.1	0.1%
74.1%	66.8	66.9	0.1	0.1%
75.3%	66.8	66.9	0.1	0.1%
76.5%	66.7	66.9	0.2	0.3%
77.8%	66.7	66.8	0.1	0.1%
79.0%	66.6	66.7	0.1	0.2%
80.2%	66.6	66.6	0.0	0.0%
81.5%	66.5	66.5	0.0	0.0%
82.7%	66.5	66.5	0.0	0.0%
84.0%	66.5	66.5	0.0	0.0%
85.2%	66.4	66.5	0.1	0.2%
86.4%	66.4	66.4	0.0	0.0%
87.7%	66.4	66.4	0.0	0.0%
88.9%	66.4	66.3	-0.1	-0.2%
90.1%	66.3	66.3	0.0	0.0%
91.4%	66.2	66.3	0.1	0.2%
92.6%	66.2	66.3	0.1	0.2%
93.8%	66.2	66.2	0.0	0.0%
95.1%	66.2	66.2	0.0	0.0%
96.3%	66.0	66.1	0.1	0.2%
97.5%	66.0	66.0	0.0	0.0%
98.8%	65.8	65.9	0.1	0.2%
100.0%	65.8	65.9	0.1	0.2%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	71.9	69.8	-2.1	-2.9%
1.2%	69.9	69.7	-0.2	-0.3%
2.5%	69.8	69.1	-0.7	-1.0%
3.7%	69.6	69.0	-0.6	-0.9%
4.9%	69.5	68.8	-0.7	-1.0%
6.2%	69.1	68.3	-0.8	-1.2%
7.4%	68.6	68.3	-0.3	-0.4%
8.6%	68.4	67.9	-0.5	-0.7%
9.9%	68.3	67.8	-0.5	-0.7%
11.1%	68.0	67.7	-0.3	-0.4%
12.3%	67.9	67.7	-0.2	-0.3%
13.6%	67.8	67.7	-0.1	-0.1%
14.8%	67.7	67.5	-0.2	-0.3%
16.0%	67.6	67.4	-0.2	-0.3%
17.3%	67.4	67.4	0.0	0.0%
18.5%	67.3	67.4	0.1	0.1%
19.8%	67.3	67.3	0.0	0.0%
21.0%	67.2	67.2	0.0	0.0%
22.2%	67.2	67.1	-0.1	-0.1%
23.5%	67.2	67.1	-0.1	-0.1%
24.7%	67.2	67.1	-0.1	-0.1%
25.9%	67.2	67.1	-0.1	-0.1%
27.2%	67.1	67.0	-0.1	-0.1%
28.4%	67.0	67.0	0.0	0.0%
29.6%	66.9	67.0	0.1	0.1%
30.9%	66.9	67.0	0.1	0.1%
32.1%	66.9	66.9	0.0	0.0%
33.3%	66.7	66.8	0.1	0.1%
34.6%	66.7	66.7	0.0	0.0%
35.8%	66.6	66.6	0.0	0.0%
37.0%	66.5	66.6	0.1	0.2%
38.3%	66.5	66.6	0.1	0.2%
39.5%	66.5	66.4	-0.1	-0.2%
40.7%	66.4	66.4	0.0	0.0%
42.0%	66.4	66.3	-0.1	-0.2%
43.2%	66.4	66.3	-0.1	-0.2%
44.4%	66.4	66.2	-0.2	-0.3%
45.7%	66.4	66.2	-0.2	-0.3%
46.9%	66.3	66.2	-0.1	-0.2%
48.1%	66.1	66.2	0.1	0.2%
49.4%	65.8	66.1	0.3	0.5%
50.6%	65.8	66.0	0.2	0.3%
51.9%	65.8	66.0	0.2	0.3%
53.1%	65.7	66.0	0.3	0.5%
54.3%	65.7	65.9	0.2	0.3%
55.6%	65.7	65.8	0.1	0.2%
56.8%	65.7	65.8	0.1	0.2%
58.0%	65.6	65.7	0.1	0.2%
59.3%	65.6	65.6	0.0	0.0%
60.5%	65.6	65.6	0.0	0.0%
61.7%	65.6	65.6	0.0	0.0%
63.0%	65.5	65.6	0.1	0.2%
64.2%	65.4	65.5	0.1	0.2%
65.4%	65.4	65.5	0.1	0.2%
66.7%	65.3	65.4	0.1	0.2%
67.9%	65.3	65.4	0.1	0.2%
69.1%	65.3	65.4	0.1	0.2%
70.4%	65.3	65.4	0.1	0.2%
71.6%	65.3	65.4	0.1	0.2%
72.8%	65.3	65.4	0.1	0.2%
74.1%	65.3	65.4	0.1	0.2%
75.3%	65.3	65.3	0.0	0.0%
76.5%	65.2	65.3	0.1	0.2%
77.8%	65.2	65.3	0.1	0.2%
79.0%	65.2	65.3	0.1	0.2%
80.2%	65.2	65.2	0.0	0.0%
81.5%	65.1	65.2	0.1	0.2%
82.7%	65.1	65.2	0.1	0.2%
84.0%	65.1	65.1	0.0	0.0%
85.2%	65.0	65.1	0.1	0.2%
86.4%	65.0	65.1	0.1	0.2%
87.7%	65.0	65.0	0.0	0.0%
88.9%	64.9	65.0	0.1	0.2%
90.1%	64.9	65.0	0.1	0.2%
91.4%	64.7	64.9	0.2	0.3%
92.6%	64.7	64.9	0.2	0.3%
93.8%	64.7	64.8	0.1	0.2%
95.1%	64.5	64.8	0.3	0.5%
96.3%	64.5	64.8	0.3	0.5%
97.5%	64.4	64.7	0.3	0.5%
98.8%	64.1	64.7	0.6	0.9%
100.0%	64.1	64.7	0.6	0.9%

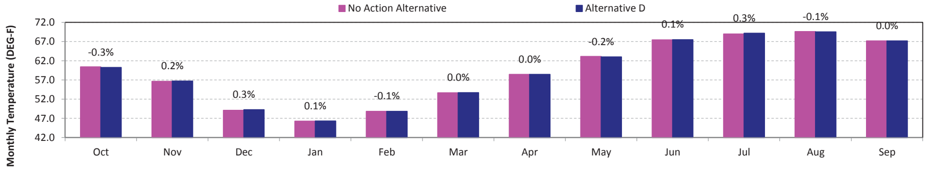
Table SQ-19-9a
American River at Watt Avenue, Monthly Temperature
Long-term Average and Average by Water Year Type

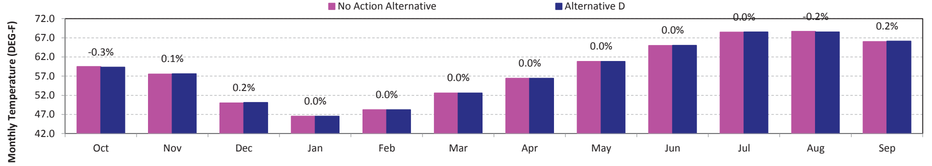
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	60.4	56.6	49.1	46.3	48.8	53.7	58.4	63.1	67.4	69.0	69.6	67.2
Alternative D	60.2	56.7	49.2	46.3	48.8	53.7	58.4	63.0	67.5	69.2	69.5	67.2
Difference	-0.2	0.1	0.1	0.0	0.0	0.0	0.0	-0.1	0.1	0.2	-0.1	0.0
Percent Difference[3]	-0.3%	0.2%	0.3%	0.1%	-0.1%	0.0%	0.0%	-0.2%	0.1%	0.3%	-0.1%	0.0%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	59.5	57.5	50.0	46.5	48.2	52.6	56.4	60.8	65.0	68.5	68.7	66.0
Alternative D	59.3	57.6	50.1	46.5	48.2	52.6	56.4	60.8	65.0	68.5	68.5	66.1
Difference	-0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.1
Percent Difference	-0.3%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.2%
Above Normal (15%)												
No Action Alternative	59.1	56.1	49.0	46.5	48.5	53.2	58.0	62.5	67.1	67.9	69.0	66.4
Alternative D	59.0	56.2	49.2	46.6	48.4	53.2	58.0	62.5	67.2	68.0	69.0	66.6
Difference	-0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.2
Percent Difference	-0.3%	0.1%	0.2%	0.1%	-0.1%	0.1%	0.0%	0.0%	0.1%	0.1%	0.0%	0.3%
Below Normal (17%)												
No Action Alternative	59.0	56.4	49.3	45.7	47.8	53.5	58.5	62.5	67.3	67.6	69.7	67.5
Alternative D	58.9	56.5	49.4	45.8	47.7	53.7	58.4	62.4	67.2	68.2	69.5	67.3
Difference	-0.1	0.1	0.1	0.1	0.0	0.1	-0.1	-0.1	-0.1	0.6	-0.3	-0.3
Percent Difference	-0.2%	0.2%	0.2%	0.2%	-0.1%	0.3%	-0.1%	-0.2%	-0.1%	0.8%	-0.4%	-0.4%
Dry (22%)												
No Action Alternative	61.0	56.4	48.9	46.0	49.3	54.2	59.7	65.2	69.4	69.0	69.6	67.8
Alternative D	60.5	56.5	49.1	46.0	49.1	54.3	59.8	65.0	69.5	69.2	69.7	67.8
Difference	-0.5	0.1	0.3	0.0	-0.1	0.1	0.1	-0.2	0.2	0.2	0.1	0.1
Percent Difference	-0.8%	0.3%	0.5%	0.0%	-0.3%	0.1%	0.2%	-0.3%	0.2%	0.3%	0.1%	0.1%
Critical (15%)												
No Action Alternative	64.4	55.7	47.4	46.4	50.9	55.6	61.0	65.8	69.9	72.7	71.8	69.1
Alternative D	64.5	55.9	47.5	46.5	51.0	55.5	61.0	65.6	70.2	72.8	71.8	68.7
Difference	0.1	0.1	0.1	0.1	0.1	-0.2	-0.1	-0.2	0.2	0.1	-0.1	-0.3
Percent Difference	0.2%	0.3%	0.2%	0.1%	0.1%	-0.3%	-0.1%	-0.3%	0.3%	0.2%	-0.1%	-0.5%

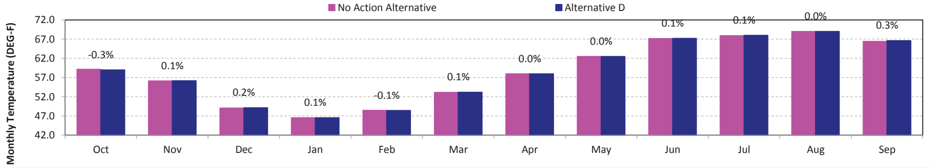
1 Based on the 82-year simulation period

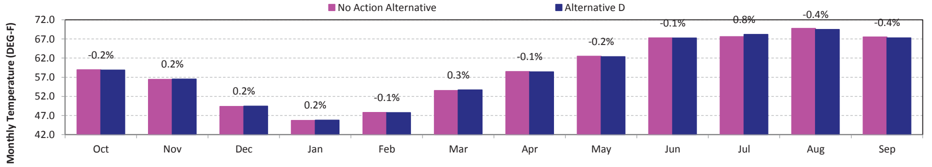
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

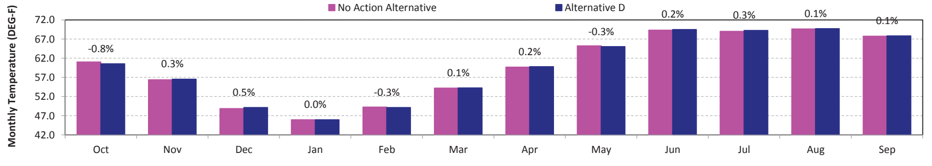
3 Relative difference of the monthly average


American River at Watt Avenue, Monthly Temperature
Full Simulation Period


American River at Watt Avenue, Monthly Temperature
Wet Water Year Types (32%)


American River at Watt Avenue, Monthly Temperature
Above Normal Water Year Types (15%)


American River at Watt Avenue, Monthly Temperature
Below Normal Water Year Types (17%)


American River at Watt Avenue, Monthly Temperature
Dry Water Year Types (22%)

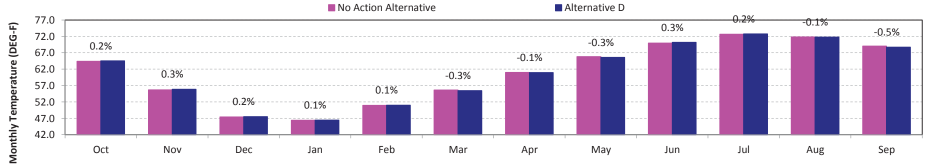

American River at Watt Avenue, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-19-9b
American River at Watt Avenue, Monthly Temperature
Probability of Exceedance

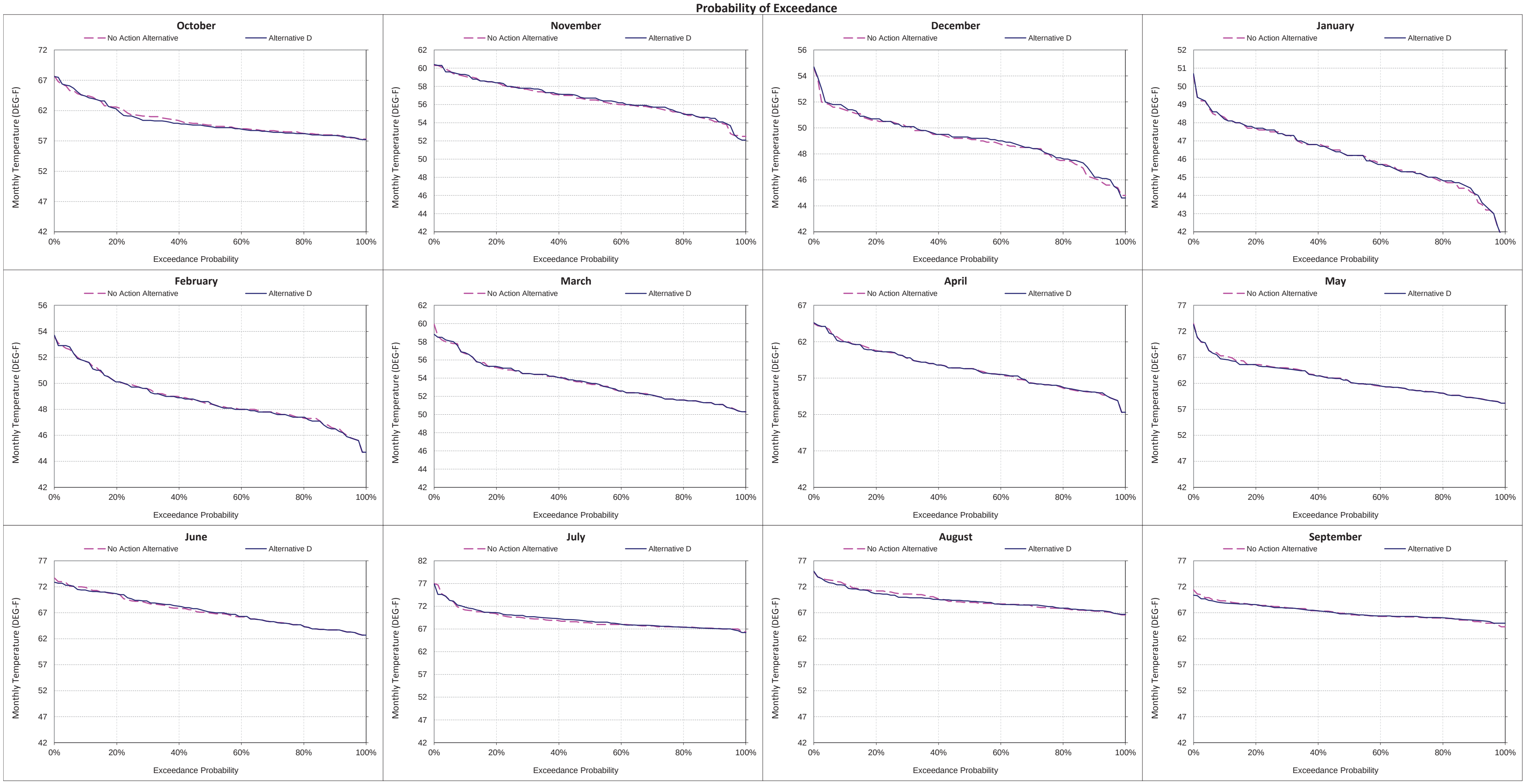


Table SQ-19-9b

American River at Watt Avenue, Monthly Temperature
Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.7	67.6	-0.1	-0.1%
1.2%	66.8	67.5	0.7	1.0%
2.5%	66.3	66.4	0.1	0.2%
3.7%	66.1	66.2	0.1	0.2%
4.9%	65.3	66.1	0.8	1.2%
6.2%	65.3	65.7	0.4	0.6%
7.4%	64.8	65.1	0.3	0.5%
8.6%	64.6	64.6	0.0	0.0%
9.9%	64.5	64.4	-0.1	-0.2%
11.1%	64.4	64.1	-0.3	-0.5%
12.3%	64.2	64.0	-0.2	-0.3%
13.6%	63.8	63.8	0.0	0.0%
14.8%	63.6	63.6	0.0	0.0%
16.0%	62.8	63.6	0.8	1.3%
17.3%	62.8	62.7	-0.1	-0.2%
18.5%	62.6	62.5	-0.1	-0.2%
19.8%	62.6	62.3	-0.3	-0.5%
21.0%	62.4	61.7	-0.7	-1.1%
22.2%	62.1	61.2	-0.9	-1.4%
23.5%	61.6	61.1	-0.5	-0.8%
24.7%	61.3	61.1	-0.2	-0.3%
25.9%	61.3	60.9	-0.4	-0.7%
27.2%	61.2	60.7	-0.5	-0.8%
28.4%	61.1	60.4	-0.7	-1.1%
29.6%	61.1	60.4	-0.7	-1.1%
30.9%	61.0	60.4	-0.6	-1.0%
32.1%	61.0	60.3	-0.7	-1.1%
33.3%	61.0	60.3	-0.7	-1.1%
34.6%	60.8	60.3	-0.5	-0.8%
35.8%	60.7	60.2	-0.5	-0.8%
37.0%	60.6	60.1	-0.5	-0.8%
38.3%	60.5	59.9	-0.6	-1.0%
39.5%	60.4	59.9	-0.5	-0.8%
40.7%	60.2	59.8	-0.4	-0.7%
42.0%	60.0	59.8	-0.2	-0.3%
43.2%	60.0	59.7	-0.3	-0.5%
44.4%	59.9	59.6	-0.3	-0.5%
45.7%	59.9	59.6	-0.3	-0.5%
46.9%	59.8	59.6	-0.2	-0.3%
48.1%	59.7	59.5	-0.2	-0.3%
49.4%	59.6	59.4	-0.2	-0.3%
50.6%	59.6	59.3	-0.3	-0.5%
51.9%	59.4	59.2	-0.2	-0.3%
53.1%	59.4	59.2	-0.2	-0.3%
54.3%	59.4	59.2	-0.2	-0.3%
55.6%	59.3	59.2	-0.1	-0.2%
56.8%	59.3	59.2	-0.1	-0.2%
58.0%	59.1	59.0	-0.1	-0.2%
59.3%	59.0	59.0	0.0	0.0%
60.5%	59.0	58.9	-0.1	-0.2%
61.7%	59.0	58.8	-0.2	-0.3%
63.0%	58.9	58.7	-0.2	-0.3%
64.2%	58.9	58.7	-0.2	-0.3%
65.4%	58.8	58.7	-0.1	-0.2%
66.7%	58.7	58.6	-0.1	-0.2%
67.9%	58.7	58.6	-0.1	-0.2%
69.1%	58.7	58.5	-0.2	-0.3%
70.4%	58.7	58.4	-0.3	-0.5%
71.6%	58.6	58.4	-0.2	-0.3%
72.8%	58.6	58.4	-0.2	-0.3%
74.1%	58.5	58.3	-0.2	-0.3%
75.3%	58.5	58.3	-0.2	-0.3%
76.5%	58.5	58.3	-0.2	-0.3%
77.8%	58.5	58.2	-0.3	-0.5%
79.0%	58.3	58.2	-0.1	-0.2%
80.2%	58.2	58.2	0.0	0.0%
81.5%	58.2	58.1	-0.1	-0.2%
82.7%	58.2	58.0	-0.2	-0.3%
84.0%	58.1	58.0	-0.1	-0.2%
85.2%	58.1	58.0	-0.1	-0.2%
86.4%	58.0	57.9	-0.1	-0.2%
87.7%	58.0	57.9	-0.1	-0.2%
88.9%	58.0	57.9	-0.1	-0.2%
90.1%	58.0	57.9	-0.1	-0.2%
91.4%	57.9	57.8	-0.1	-0.2%
92.6%	57.6	57.8	0.2	0.3%
93.8%	57.6	57.6	0.0	0.0%
95.1%	57.5	57.6	0.1	0.2%
96.3%	57.5	57.5	0.0	0.0%
97.5%	57.4	57.3	-0.1	-0.2%
98.8%	57.3	57.2	-0.1	-0.2%
100.0%	57.3	57.2	-0.1	-0.2%

November				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.3	60.4	0.1	0.2%
1.2%	60.3	60.3	0.0	0.0%
2.5%	60.1	60.3	0.2	0.3%
3.7%	59.9	59.6	-0.3	-0.5%
4.9%	59.7	59.6	-0.1	-0.2%
6.2%	59.4	59.5	0.1	0.2%
7.4%	59.3	59.4	0.1	0.2%
8.6%	59.2	59.3	0.1	0.2%
9.9%	59.1	59.3	0.2	0.3%
11.1%	59.0	59.2	0.2	0.3%
12.3%	59.0	58.8	-0.2	-0.3%
13.6%	58.9	58.8	-0.1	-0.2%
14.8%	58.6	58.6	0.0	0.0%
16.0%	58.6	58.6	0.0	0.0%
17.3%	58.5	58.5	0.0	0.0%
18.5%	58.5	58.5	0.0	0.0%
19.8%	58.4	58.4	0.0	0.0%
21.0%	58.3	58.4	0.1	0.2%
22.2%	58.1	58.3	0.2	0.3%
23.5%	58.0	58.0	0.0	0.0%
24.7%	57.9	58.0	0.1	0.2%
25.9%	57.9	57.9	0.0	0.0%
27.2%	57.9	57.8	-0.1	-0.2%
28.4%	57.7	57.8	0.1	0.2%
29.6%	57.7	57.8	0.1	0.2%
30.9%	57.6	57.8	0.2	0.3%
32.1%	57.5	57.7	0.2	0.3%
33.3%	57.4	57.7	0.3	0.5%
34.6%	57.4	57.6	0.2	0.3%
35.8%	57.3	57.3	0.0	0.0%
37.0%	57.3	57.3	0.0	0.0%
38.3%	57.1	57.3	0.2	0.4%
39.5%	57.1	57.2	0.1	0.2%
40.7%	57.0	57.1	0.1	0.2%
42.0%	57.0	57.1	0.1	0.2%
43.2%	57.0	57.1	0.1	0.2%
44.4%	57.0	57.1	0.1	0.2%
45.7%	56.7	57.0	0.3	0.5%
46.9%	56.7	56.8	0.1	0.2%
48.1%	56.6	56.7	0.1	0.2%
49.4%	56.5	56.7	0.2	0.4%
50.6%	56.5	56.7	0.2	0.4%
51.9%	56.5	56.7	0.2	0.4%
53.1%	56.4	56.5	0.1	0.2%
54.3%	56.3	56.4	0.1	0.2%
55.6%	56.2	56.4	0.2	0.4%
56.8%	56.1	56.4	0.3	0.5%
58.0%	56.1	56.3	0.2	0.4%
59.3%	56.0	56.2	0.2	0.4%
60.5%	56.0	56.2	0.2	0.4%
61.7%	55.9	56.0	0.1	0.2%
63.0%	55.9	56.0	0.1	0.2%
64.2%	55.9	55.9	0.0	0.0%
65.4%	55.8	55.9	0.1	0.2%
66.7%	55.8	55.9	0.1	0.2%
67.9%	55.8	55.9	0.1	0.2%
69.1%	55.7	55.8	0.1	0.2%
70.4%	55.6	55.7	0.1	0.2%
71.6%	55.6	55.7	0.1	0.2%
72.8%	55.5	55.7	0.2	0.4%
74.1%	55.4	55.7	0.3	0.5%
75.3%	55.4	55.5	0.1	0.2%
76.5%	55.2	55.4	0.2	0.4%
77.8%	55.2	55.2	0.0	0.0%
79.0%	55.1	55.1	0.0	0.0%
80.2%	55.0	54.9	-0.1	-0.2%
81.5%	54.8	54.9	0.1	0.2%
82.7%	54.8	54.9	0.1	0.2%
84.0%	54.7	54.7	0.0	0.0%
85.2%	54.6	54.6	0.0	0.0%
86.4%	54.5	54.6	0.1	0.2%
87.7%	54.4	54.6	0.2	0.4%
88.9%	54.3	54.5	0.2	0.4%
90.1%	54.1	54.5	0.4	0.7%
91.4%	54.1	54.1	0.0	0.0%
92.6%	53.9	54.1	0.2	0.4%
93.8%	53.8	53.9	0.1	0.2%
95.1%	52.8	53.7	0.9	1.7%
96.3%	52.6	52.7	0.1	0.2%
97.5%	52.6	52.3	-0.3	-0.6%
98.8%	52.5	52.1	-0.4	-0.8%
100.0%	52.5	52.1	-0.4	-0.8%

December				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.6	54.7	0.1	0.2%
1.2%	53.8	53.9	0.1	0.2%
2.5%	52.0	53.0	1.0	1.9%
3.7%	51.9	52.0	0.1	0.2%
4.9%	51.8	51.9	0.1	0.2%
6.2%	51.6	51.8	0.2	0.4%
7.4%	51.6	51.8	0.2	0.4%
8.6%	51.5	51.8	0.3	0.6%
9.9%	51.4	51.6	0.2	0.4%
11.1%	51.3	51.4	0.1	0.2%
12.3%	51.2	51.4	0.2	0.4%
13.6%	51.1	51.3	0.2	0.4%
14.8%	51.1	50.9	-0.2	-0.4%
16.0%	50.8	50.9	0.1	0.2%
17.3%	50.7	50.8	0.1	0.2%
18.5%	50.6	50.7	0.1	0.2%
19.8%	50.6	50.7	0.1	0.2%
21.0%	50.5	50.7	0.2	0.4%
22.2%	50.5	50.5	0.0	0.0%
23.5%	50.5	50.5	0.0	0.0%
24.7%	50.5	50.5	0.0	0.0%
25.9%	50.4	50.3	-0.1	-0.2%
27.2%	50.3	50.3	0.0	0.0%
28.4%	50.3	50.1	-0.2	-0.4%
29.6%	50.1	50.1	0.0	0.0%
30.9%	50.1	50.1	0.0	0.0%
32.1%	49.8	50.1	0.3	0.6%
33.3%	49.8	49.9	0.1	0.2%
34.6%	49.8	49.8	0.0	0.0%
35.8%	49.8	49.8	0.0	0.0%
37.0%	49.7	49.7	0.0	0.0%
38.3%	49.5	49.6	0.1	0.2%
39.5%	49.5	49.5	0.0	0.0%
40.7%	49.5	49.5	0.0	0.0%
42.0%	49.4	49.5	0.1	0.2%
43.2%	49.3	49.5	0.2	0.4%
44.4%	49.2	49.3	0.1	0.2%
45.7%	49.2	49.3	0.1	0.2%
46.9%	49.2	49.3	0.1	0.2%
48.1%	49.2	49.3	0.1	0.2%
49.4%	49.2	49.3	0.1	0.2%
50.6%	49.1	49.2	0.1	0.2%
51.9%	49.1	49.2	0.1	0.2%
53.1%	49.0	49.2	0.2	0.4%
54.3%	49.0	49.2	0.2	0.4%
55.6%	48.9	49.2	0.3	0.6%
56.8%	48.9	49.1	0.2	0.4%
58.0%	48.9	49.1	0.2	0.4%
59.3%	48.8	49.0	0.2	0.4%
60.5%	48.7	49.0	0.3	0.6%
61.7%	48.7	48.9	0.2	0.4%
63.0%	48.6	48.9	0.3	0.6%
64.2%	48.6	48.8	0.2	0.4%
65.4%	48.5	48.7	0.2	0.4%
66.7%	48.5	48.6	0.1	0.2%
67.9%	48.5	48.5	0.0	0.0%
69.1%	48.5	48.5	0.0	0.0%
70.4%	48.4	48.4	0.0	0.0%
71.6%	48.4	48.4	0.0	0.0%
72.8%	48.4	48.3	-0.1	-0.2%
74.1%	48.0	48.1	0.1	0.2%
75.3%	48.0	48.0	0.0	0.0%
76.5%	47.7	47.9	0.2	0.4%
77.8%	47.6	47.7	0.1	0.2%
79.0%	47.5	47.7	0.2	0.4%
80.2%	47.5	47.6	0.1	0.2%
81.5%	47.5	47.6	0.1	0.2%
82.7%	47.4	47.5	0.1	0.2%
84.0%	47.2	47.5	0.3	0.6%
85.2%	47.1	47.4	0.3	0.6%
86.4%	46.9	47.3	0.4	0.9%
87.7%	46.3	47.0	0.7	1.5%
88.9%	46.2	46.6	0.4	0.9%
90.1%	46.1	46.2	0.1	0.2%
91.4%	46.0	46.2	0.2	0.4%
92.6%	45.8	46.1	0.3	0.7%
93.8%	45.6	46.1	0.5	1.1%
95.1%	45.6	46.0	0.4	0.9%
96.3%	45.5	45.5	0.0	0.0%
97.5%	45.4	45.3	-0.1	-0.2%
98.8%	44.8	44.6	-0.2	-0.4%
100.0%	44.8	44.6	-0.2	-0.4%

January				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.6	50.7	0.1	0.2%
1.2%	49.4	49.4	0.0	0.0%
2.5%	49.2	49.3	0.1	0.2%
3.7%	49.2	49.2	0.0	0.0%
4.9%	48.8	48.9	0.1	0.2%
6.2%	48.5	48.6	0.1	0.2%
7.4%	48.4	48.6	0.2	0.4%
8.6%	48.4	48.4	0.0	0.0%
9.9%	48.3	48.2	-0.1	-0.2%
11.1%	48.1	48.1	0.0	0.0%
12.3%	48.1	48.1	0.0	0.0%
13.6%	48.0	48.0	0.0	0.0%
14.8%	48.0	48.0	0.0	0.0%
16.0%	47.9	47.9	0.0	0.0%
17.3%	47.7	47.8	0.1	0.2%
18.5%	47.7	47.8	0.1	0.2%
19.8%	47.7	47.7	0.0	0.0%
21.0%	47.6	47.7	0.1	0.2%
22.2%	47.6	47.7	0.1	0.2%
23.5%	47.6	47.6	0.0	0.0%
24.7%	47.5	47.6	0.1	0.2%
25.9%	47.5	47.6	0.1	0.2%
27.2%	47.5	47.4	-0.1	-0.2%
28.4%	47.4	47.4	0.0	0.0%
29.6%	47.3	47.3	0.0	0.0%
30.9%	47.3	47.3	0.0	0.0%
32.1%	47.2	47.3	0.1	0.2%
33.3%	47.0	47.0	0.0	0.0%
34.6%	46.9	47.0	0.1	0.2%
35.8%	46.8	46.9	0.1	0.2%
37.0%	46.8	46.8	0.0	0.0%
38.3%	46.8	46.8	0.0	0.0%
39.5%	46.8	46.8	0.0	0.0%
40.7%	46.8	46.7	-0.1	-0.2%
42.0%	46.7	46.7	0.0	0.0%
43.2%	46.7	46.6	-0.1	-0.2%
44.4%	46.5	46.5	0.0	0.0%
45.7%	46.5	46.4	-0.1	-0.2%
46.9%	46.5	46.4	-0.1	-0.2%
48.1%	46.3	46.3	0.0	0.0%
49.4%	46.2	46.2	0.0	0.0%
50.6%	46.2	46.2	0.0	0.0%
51.9%	46.2	46.2	0.0	0.0%
53.1%	46.2	46.2	0.0	0.0%
54.3%	46.2	46.2	0.0	0.0%
55.6%	46.1	45.9	-0.2	-0.4%
56.8%	45.9	45.9	0.0	0.0%
58.0%	45.9	45.8	-0.1	-0.2%
59.3%	45.8	45.7	-0.1	-0.2%
60.5%	45.7	45.7	0.0	0.0%
61.7%	45.7	45.6	-0.1	-0.2%
63.0%	45.6	45.6	0.0	0.0%
64.2%	45.6	45.5	-0.1	-0.2%
65.4%	45.4	45.4	0.0	0.0%
66.7%	45.4	45.3	-0.1	-0.2%
67.9%	45.3	45.3	0.0	0.0%
69.1%	45.3	45.3	0.0	0.0%
70.4%	45.3	45.3	0.0	0.0%
71.6%	45.3	45.2	-0.1	-0.2%
72.8%	45.2	45.2	0.0	0.0%
74.1%	45.1	45.1	0.0	0.0%
75.3%	45.0	45.0	0.0	0.0%
76.5%	45.0	45.0	0.0	0.0%
77.8%	44.9	45.0	0.1	0.2%
79.0%	44.8	44.9	0.1	0.2%
80.2%	44.8	44.8	0.0	0.0%
81.5%	44.7	44.8	0.1	0.2%
82.7%	44.7	44.8	0.1	0.2%
84.0%	44.7	44.7	0.0	0.0%
85.2%	44.4	44.7	0.3	0.7%
86.4%	44.4	44.6	0.2	0.5%
87.7%	44.4	44.5	0.1	0.2%
88.9%	44.2	44.4	0.2	0.5%
90.1%	44.1	44.1	0.0	0.0%
91.4%	43.6	44.0	0.4	0.9%
92.6%	43.5	43.6	0.1	0.2%
93.8%	43.2	43.4	0.2	0.5%
95.1%	43.2	43.2	0.0	0.0%
96.3%	43.0	43.0	0.0	0.0%
97.5%	42.3	42.3	0.0	0.0%
98.8%	41.8	41.8	0.0	0.0%
100.0%	41.8	41.8	0.0	0.0%

Table SQ-19-9b

American River at Watt Avenue, Monthly Temperature
Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.6	53.7	0.1	0.2%
1.2%	53.1	52.9	-0.2	-0.4%
2.5%	52.9	52.9	0.0	0.0%
3.7%	52.7	52.9	0.2	0.4%
4.9%	52.6	52.8	0.2	0.4%
6.2%	52.3	52.3	0.0	0.0%
7.4%	52.0	51.9	-0.1	-0.2%
8.6%	51.8	51.8	0.0	0.0%
9.9%	51.7	51.7	0.0	0.0%
11.1%	51.6	51.6	0.0	0.0%
12.3%	51.3	51.1	-0.2	-0.4%
13.6%	51.2	51.0	-0.2	-0.4%
14.8%	50.9	51.0	0.1	0.2%
16.0%	50.7	50.6	-0.1	-0.2%
17.3%	50.5	50.5	0.0	0.0%
18.5%	50.3	50.3	0.0	0.0%
19.8%	50.1	50.1	0.0	0.0%
21.0%	50.1	50.1	0.0	0.0%
22.2%	50.0	50.0	0.0	0.0%
23.5%	49.9	49.9	0.0	0.0%
24.7%	49.9	49.7	-0.2	-0.4%
25.9%	49.8	49.7	-0.1	-0.2%
27.2%	49.7	49.7	0.0	0.0%
28.4%	49.6	49.6	0.0	0.0%
29.6%	49.6	49.6	0.0	0.0%
30.9%	49.5	49.3	-0.2	-0.4%
32.1%	49.3	49.2	-0.1	-0.2%
33.3%	49.2	49.2	0.0	0.0%
34.6%	49.2	49.1	-0.1	-0.2%
35.8%	49.1	49.0	-0.1	-0.2%
37.0%	49.0	49.0	0.0	0.0%
38.3%	49.0	49.0	0.0	0.0%
39.5%	49.0	48.9	-0.1	-0.2%
40.7%	48.9	48.9	0.0	0.0%
42.0%	48.9	48.8	-0.1	-0.2%
43.2%	48.8	48.8	0.0	0.0%
44.4%	48.7	48.8	0.1	0.2%
45.7%	48.7	48.7	0.0	0.0%
46.9%	48.6	48.6	0.0	0.0%
48.1%	48.5	48.6	0.1	0.2%
49.4%	48.4	48.6	0.2	0.4%
50.6%	48.4	48.4	0.0	0.0%
51.9%	48.3	48.3	0.0	0.0%
53.1%	48.2	48.2	0.0	0.0%
54.3%	48.2	48.1	-0.1	-0.2%
55.6%	48.1	48.1	0.0	0.0%
56.8%	48.1	48.1	0.0	0.0%
58.0%	48.1	48.0	-0.1	-0.2%
59.3%	48.0	48.0	0.0	0.0%
60.5%	48.0	48.0	0.0	0.0%
61.7%	48.0	48.0	0.0	0.0%
63.0%	48.0	47.9	-0.1	-0.2%
64.2%	48.0	47.9	-0.1	-0.2%
65.4%	47.9	47.8	-0.1	-0.2%
66.7%	47.8	47.8	0.0	0.0%
67.9%	47.8	47.8	0.0	0.0%
69.1%	47.8	47.8	0.0	0.0%
70.4%	47.8	47.7	-0.1	-0.2%
71.6%	47.7	47.6	-0.1	-0.2%
72.8%	47.6	47.6	0.0	0.0%
74.1%	47.6	47.6	0.0	0.0%
75.3%	47.6	47.5	-0.1	-0.2%
76.5%	47.5	47.4	-0.1	-0.2%
77.8%	47.4	47.4	0.0	0.0%
79.0%	47.4	47.4	0.0	0.0%
80.2%	47.3	47.4	0.1	0.2%
81.5%	47.3	47.2	-0.1	-0.2%
82.7%	47.3	47.1	-0.2	-0.4%
84.0%	47.3	47.1	-0.2	-0.4%
85.2%	47.1	47.1	0.0	0.0%
86.4%	46.8	46.8	0.0	0.0%
87.7%	46.8	46.6	-0.2	-0.4%
88.9%	46.6	46.5	-0.1	-0.2%
90.1%	46.5	46.5	0.0	0.0%
91.4%	46.5	46.3	-0.2	-0.4%
92.6%	46.2	46.2	0.0	0.0%
93.8%	46.0	45.9	-0.1	-0.2%
95.1%	45.8	45.8	0.0	0.0%
96.3%	45.7	45.7	0.0	0.0%
97.5%	45.6	45.6	0.0	0.0%
98.8%	44.7	44.7	0.0	0.0%
100.0%	44.7	44.7	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.9	58.8	-1.1	-1.8%
1.2%	58.6	58.5	-0.1	-0.2%
2.5%	58.2	58.5	0.3	0.5%
3.7%	58.0	58.2	0.2	0.3%
4.9%	57.9	58.1	0.2	0.3%
6.2%	57.8	58.0	0.2	0.3%
7.4%	57.8	57.6	-0.2	-0.3%
8.6%	56.9	56.9	0.0	0.0%
9.9%	56.7	56.8	0.1	0.2%
11.1%	56.6	56.6	0.0	0.0%
12.3%	56.3	56.3	0.0	0.0%
13.6%	55.8	55.8	0.0	0.0%
14.8%	55.7	55.7	0.0	0.0%
16.0%	55.7	55.4	-0.3	-0.5%
17.3%	55.3	55.3	0.0	0.0%
18.5%	55.2	55.3	0.1	0.2%
19.8%	55.2	55.3	0.1	0.2%
21.0%	55.1	55.2	0.1	0.2%
22.2%	55.0	55.1	0.1	0.2%
23.5%	54.9	55.1	0.2	0.4%
24.7%	54.9	55.1	0.2	0.4%
25.9%	54.8	54.8	0.0	0.0%
27.2%	54.7	54.8	0.1	0.2%
28.4%	54.5	54.5	0.0	0.0%
29.6%	54.5	54.5	0.0	0.0%
30.9%	54.5	54.5	0.0	0.0%
32.1%	54.4	54.4	0.0	0.0%
33.3%	54.4	54.4	0.0	0.0%
34.6%	54.4	54.4	0.0	0.0%
35.8%	54.2	54.4	0.2	0.4%
37.0%	54.2	54.2	0.0	0.0%
38.3%	54.2	54.2	0.0	0.0%
39.5%	54.1	54.1	0.0	0.0%
40.7%	54.1	54.0	-0.1	-0.2%
42.0%	53.9	54.0	0.1	0.2%
43.2%	53.8	53.8	0.0	0.0%
44.4%	53.7	53.8	0.1	0.2%
45.7%	53.6	53.7	0.1	0.2%
46.9%	53.6	53.7	0.1	0.2%
48.1%	53.4	53.6	0.2	0.4%
49.4%	53.4	53.5	0.1	0.2%
50.6%	53.3	53.4	0.1	0.2%
51.9%	53.3	53.4	0.1	0.2%
53.1%	53.2	53.3	0.1	0.2%
54.3%	53.1	53.1	0.0	0.0%
55.6%	53.1	53.0	-0.1	-0.2%
56.8%	52.9	52.9	0.0	0.0%
58.0%	52.7	52.8	0.1	0.2%
59.3%	52.6	52.6	0.0	0.0%
60.5%	52.5	52.6	0.1	0.2%
61.7%	52.4	52.4	0.0	0.0%
63.0%	52.4	52.4	0.0	0.0%
64.2%	52.4	52.4	0.0	0.0%
65.4%	52.3	52.4	0.1	0.2%
66.7%	52.3	52.3	0.0	0.0%
67.9%	52.3	52.2	-0.1	-0.2%
69.1%	52.2	52.2	0.0	0.0%
70.4%	52.1	52.1	0.0	0.0%
71.6%	52.0	52.0	0.0	0.0%
72.8%	51.9	51.9	0.0	0.0%
74.1%	51.7	51.7	0.0	0.0%
75.3%	51.7	51.7	0.0	0.0%
76.5%	51.7	51.7	0.0	0.0%
77.8%	51.6	51.6	0.0	0.0%
79.0%	51.6	51.6	0.0	0.0%
80.2%	51.6	51.6	0.0	0.0%
81.5%	51.5	51.5	0.0	0.0%
82.7%	51.5	51.5	0.0	0.0%
84.0%	51.5	51.5	0.0	0.0%
85.2%	51.4	51.4	0.0	0.0%
86.4%	51.3	51.3	0.0	0.0%
87.7%	51.3	51.3	0.0	0.0%
88.9%	51.3	51.3	0.0	0.0%
90.1%	51.1	51.1	0.0	0.0%
91.4%	51.1	51.1	0.0	0.0%
92.6%	51.1	51.1	0.0	0.0%
93.8%	50.8	50.8	0.0	0.0%
95.1%	50.8	50.7	-0.1	-0.2%
96.3%	50.6	50.6	0.0	0.0%
97.5%	50.4	50.4	0.0	0.0%
98.8%	50.3	50.3	0.0	0.0%
100.0%	50.3	50.3	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	64.5	64.6	0.1	0.2%
1.2%	64.2	64.3	0.1	0.2%
2.5%	64.1	64.1	0.0	0.0%
3.7%	64.0	64.1	0.1	0.2%
4.9%	63.7	63.2	-0.5	-0.8%
6.2%	62.8	63.0	0.2	0.3%
7.4%	62.7	62.2	-0.5	-0.8%
8.6%	62.3	62.0	-0.3	-0.5%
9.9%	62.0	62.0	0.0	0.0%
11.1%	62.0	61.9	-0.1	-0.2%
12.3%	61.7	61.7	0.0	0.0%
13.6%	61.6	61.6	0.0	0.0%
14.8%	61.6	61.6	0.0	0.0%
16.0%	61.4	61.0	-0.4	-0.7%
17.3%	61.2	60.9	-0.3	-0.5%
18.5%	61.0	60.9	-0.1	-0.2%
19.8%	60.8	60.7	-0.1	-0.2%
21.0%	60.7	60.7	0.0	0.0%
22.2%	60.7	60.6	-0.1	-0.2%
23.5%	60.6	60.6	0.0	0.0%
24.7%	60.5	60.6	0.1	0.2%
25.9%	60.5	60.5	0.0	0.0%
27.2%	60.2	60.2	0.0	0.0%
28.4%	60.1	60.1	0.0	0.0%
29.6%	59.8	59.8	0.0	0.0%
30.9%	59.6	59.8	0.2	0.3%
32.1%	59.4	59.4	0.0	0.0%
33.3%	59.3	59.3	0.0	0.0%
34.6%	59.2	59.2	0.0	0.0%
35.8%	59.2	59.2	0.0	0.0%
37.0%	59.0	59.0	0.0	0.0%
38.3%	59.0	59.0	0.0	0.0%
39.5%	58.8	58.8	0.0	0.0%
40.7%	58.8	58.8	0.0	0.0%
42.0%	58.7	58.7	0.0	0.0%
43.2%	58.5	58.4	-0.1	-0.2%
44.4%	58.4	58.4	0.0	0.0%
45.7%	58.4	58.4	0.0	0.0%
46.9%	58.4	58.4	0.0	0.0%
48.1%	58.3	58.3	0.0	0.0%
49.4%	58.3	58.3	0.0	0.0%
50.6%	58.3	58.3	0.0	0.0%
51.9%	58.3	58.2	-0.1	-0.2%
53.1%	58.0	57.9	-0.1	-0.2%
54.3%	57.9	57.7	-0.2	-0.3%
55.6%	57.7	57.7	0.0	0.0%
56.8%	57.6	57.6	0.0	0.0%
58.0%	57.6	57.6	0.0	0.0%
59.3%	57.5	57.5	0.0	0.0%
60.5%	57.4	57.5	0.1	0.2%
61.7%	57.3	57.4	0.1	0.2%
63.0%	57.3	57.3	0.0	0.0%
64.2%	57.2	57.3	0.1	0.2%
65.4%	56.8	57.3	0.5	0.9%
66.7%	56.8	56.9	0.1	0.2%
67.9%	56.7	56.8	0.1	0.2%
69.1%	56.4	56.3	-0.1	-0.2%
70.4%	56.3	56.3	0.0	0.0%
71.6%	56.2	56.2	0.0	0.0%
72.8%	56.2	56.2	0.0	0.0%
74.1%	56.1	56.1	0.0	0.0%
75.3%	56.1	56.1	0.0	0.0%
76.5%	56.0	56.0	0.0	0.0%
77.8%	56.0	56.0	0.0	0.0%
79.0%	55.8	55.9	0.1	0.2%
80.2%	55.6	55.7	0.1	0.2%
81.5%	55.5	55.6	0.1	0.2%
82.7%	55.4	55.5	0.1	0.2%
84.0%	55.3	55.4	0.1	0.2%
85.2%	55.2	55.3	0.1	0.2%
86.4%	55.2	55.2	0.0	0.0%
87.7%	55.1	55.2	0.1	0.2%
88.9%	55.1	55.1	0.0	0.0%
90.1%	55.0	55.1	0.1	0.2%
91.4%	55.0	55.0	0.0	0.0%
92.6%	54.7	55.0	0.3	0.5%
93.8%	54.6	54.6	0.0	0.0%
95.1%	54.3	54.3	0.0	0.0%
96.3%	54.1	54.1	0.0	0.0%
97.5%	53.9	53.9	0.0	0.0%
98.8%	52.3	52.3	0.0	0.0%
100.0%	52.3	52.3	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.5	73.3	-0.2	-0.3%
1.2%	70.9	70.8	-0.1	-0.1%
2.5%	69.9	70.0	0.1	0.1%
3.7%	69.8	69.8	0.0	0.0%
4.9%	68.3	68.3	0.0	0.0%
6.2%	67.9	67.8	-0.1	-0.1%
7.4%	67.9	67.5	-0.4	-0.6%
8.6%	67.3	66.7	-0.6	-0.9%
9.9%	67.3	66.6	-0.7	-1.0%
11.1%	67.1	66.5	-0.6	-0.9%
12.3%	66.9	66.3	-0.6	-0.9%
13.6%	66.4	66.2	-0.2	-0.3%
14.8%	66.4	65.6	-0.8	-1.2%
16.0%	66.3	65.6	-0.7	-1.1%
17.3%	65.6	65.6	0.0	0.0%
18.5%	65.6	65.6	0.0	0.0%
19.8%	65.6	65.6	0.0	0.0%
21.0%	65.6	65.3	-0.3	-0.5%
22.2%	65.5	65.2	-0.3	-0.5%
23.5%	65.4	65.2	-0.2	-0.3%
24.7%	65.2	65.1	-0.1	-0.2%
25.9%	65.1	65.0	-0.1	-0.2%
27.2%	65.0	64.9	-0.1	-0.2%
28.4%	65.0	64.9	-0.1	-0.2%
29.6%	65.0	64.8	-0.2	-0.3%
30.9%	64.9	64.7	-0.2	-0.3%
32.1%	64.8	64.6	-0.2	-0.3%
33.3%	64.7	64.5	-0.2	-0.3%
34.6%	64.5	64.4	-0.1	-0.2%
35.8%	64.4	64.4	0.0	0.0%
37.0%	63.8	63.7	-0.1	-0.2%
38.3%	63.7	63.6	-0.1	-0.2%
39.5%	63.6	63.4	-0.2	-0.3%
40.7%	63.4	63.4	0.0	0.0%
42.0%	63.2	63.2	0.0	0.0%
43.2%	63.2	63.0	-0.2	-0.3%
44.4%	63.0	63.0	0.0	0.0%
45.7%	63.0	62.9	-0.1	-0.2%
46.9%	63.0	62.9	-0.1	-0.2%
48.1%	62.9	62.6	-0.3	-0.5%
49.4%	62.6	62.6	0.0	0.0%
50.6%	62.1	62.1	0.0	0.0%
51.9%	62.0	62.0	0.0	0.0%
53.1%	61.9	61.9	0.0	0.0%
54.3%	61.9	61.9	0.0	0.0%
55.6%	61.8	61.8	0.0	0.0%
56.8%	61.8	61.8	0.0	0.0%
58.0%	61.6	61.7	0.1	0.2%
59.3%	61.5	61.6	0.1	0.2%
60.5%	61.4	61.4	0.0	0.0%
61.7%	61.3	61.3	0.0	0.0%
63.0%	61.3	61.3	0.0	0.0%
64.2%	61.2	61.2	0.0	0.0%
65.4%	61.2	61.2	0.0	0.0%
66.7%	61.1	61.1	0.0	0.0%
67.9%	61.0	61.0	0.0	0.0%
69.1%	60.7	60.7	0.0	0.0%
70.4%	60.7	60.7	0.0	0.0%
71.6%	60.6	60.6	0.0	0.0%
72.8%	60.6	60.6	0.0	0.0%
74.1%	60.5	60.4	-0.1	-0.2%
75.3%	60.4	60.4	0.0	0.0%
76.5%	60.4	60.4	0.0	0.0%
77.8%	60.3	60.3	0.0	0.0%
79.0%	60.1	60.2	0.1	0.2%
80.2%	60.1	60.1	0.0	0.0%
81.5%	59.8	59.8	0.0	0.0%
82.7%	59.7	59.7	0.0	0.0%
84.0%	59.7	59.7	0.0	0.0%
85.2%	59.7	59.7	0.0	0.0%
86.4%	59.5	59.5	0.0	0.0%
87.7%	59.3	59.3	0.0	0.0%
88.9%	59.3	59.3	0.0	0.0%
90.1%	59.2	59.2	0.0	0.0%
91.4%	59.1	59.1	0.0	0.0%
92.6%	59.0	59.0	0.0	0.0%
93.8%	58.8	58.8	0.0	0.0%
95.1%	58.7	58.7	0.0	0.0%
96.3%	58.6	58.6	0.0	0.0%
97.5%	58.5	58.5	0.0	0.0%
98.8%	58.2	58.2	0.0	0.0%
100.0%	58.2	58.2	0.0	0.0%

Table SQ-19-9b

American River at Watt Avenue, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.7	72.9	-0.8	-1.1%
1.2%	73.0	72.7	-0.3	-0.4%
2.5%	73.0	72.7	-0.3	-0.4%
3.7%	72.8	72.3	-0.5	-0.7%
4.9%	72.1	72.3	0.2	0.3%
6.2%	72.1	72.1	0.0	0.0%
7.4%	72.0	71.5	-0.5	-0.7%
8.6%	72.0	71.4	-0.6	-0.8%
9.9%	71.9	71.4	-0.5	-0.7%
11.1%	71.6	71.2	-0.4	-0.6%
12.3%	71.3	71.1	-0.2	-0.3%
13.6%	71.3	71.1	-0.2	-0.3%
14.8%	71.0	71.0	0.0	0.0%
16.0%	71.0	71.0	0.0	0.0%
17.3%	70.8	70.9	0.1	0.1%
18.5%	70.7	70.8	0.1	0.1%
19.8%	70.6	70.7	0.1	0.1%
21.0%	70.5	70.5	0.0	0.0%
22.2%	69.7	70.5	0.8	1.1%
23.5%	69.5	69.9	0.4	0.6%
24.7%	69.3	69.7	0.4	0.6%
25.9%	69.2	69.4	0.2	0.3%
27.2%	69.2	69.4	0.2	0.3%
28.4%	69.1	69.3	0.2	0.3%
29.6%	68.9	69.3	0.4	0.6%
30.9%	68.7	68.9	0.2	0.3%
32.1%	68.7	68.9	0.2	0.3%
33.3%	68.6	68.8	0.2	0.3%
34.6%	68.5	68.7	0.2	0.3%
35.8%	68.4	68.6	0.2	0.3%
37.0%	68.0	68.6	0.6	0.9%
38.3%	67.9	68.4	0.5	0.7%
39.5%	67.9	68.3	0.4	0.6%
40.7%	67.8	68.2	0.4	0.6%
42.0%	67.8	68.0	0.2	0.3%
43.2%	67.6	68.0	0.4	0.6%
44.4%	67.6	67.8	0.2	0.3%
45.7%	67.2	67.8	0.6	0.9%
46.9%	67.1	67.6	0.5	0.7%
48.1%	67.1	67.4	0.3	0.4%
49.4%	67.0	67.2	0.2	0.3%
50.6%	66.9	67.1	0.2	0.3%
51.9%	66.8	67.0	0.2	0.3%
53.1%	66.8	67.0	0.2	0.3%
54.3%	66.8	67.0	0.2	0.3%
55.6%	66.7	66.8	0.1	0.1%
56.8%	66.4	66.7	0.3	0.5%
58.0%	66.3	66.7	0.4	0.6%
59.3%	66.2	66.3	0.1	0.2%
60.5%	66.2	66.3	0.1	0.2%
61.7%	66.2	66.3	0.1	0.2%
63.0%	65.8	65.8	0.0	0.0%
64.2%	65.8	65.8	0.0	0.0%
65.4%	65.7	65.7	0.0	0.0%
66.7%	65.6	65.6	0.0	0.0%
67.9%	65.4	65.4	0.0	0.0%
69.1%	65.3	65.3	0.0	0.0%
70.4%	65.3	65.3	0.0	0.0%
71.6%	65.1	65.1	0.0	0.0%
72.8%	65.1	65.0	-0.1	-0.2%
74.1%	65.0	65.0	0.0	0.0%
75.3%	64.9	64.9	0.0	0.0%
76.5%	64.7	64.7	0.0	0.0%
77.8%	64.7	64.7	0.0	0.0%
79.0%	64.7	64.7	0.0	0.0%
80.2%	64.3	64.3	0.0	0.0%
81.5%	64.2	64.2	0.0	0.0%
82.7%	63.9	63.9	0.0	0.0%
84.0%	63.9	63.9	0.0	0.0%
85.2%	63.8	63.8	0.0	0.0%
86.4%	63.8	63.8	0.0	0.0%
87.7%	63.7	63.7	0.0	0.0%
88.9%	63.7	63.7	0.0	0.0%
90.1%	63.7	63.7	0.0	0.0%
91.4%	63.7	63.7	0.0	0.0%
92.6%	63.5	63.5	0.0	0.0%
93.8%	63.3	63.3	0.0	0.0%
95.1%	63.3	63.3	0.0	0.0%
96.3%	63.2	63.2	0.0	0.0%
97.5%	62.9	62.9	0.0	0.0%
98.8%	62.7	62.7	0.0	0.0%
100.0%	62.7	62.7	0.0	0.0%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	77.0	76.9	-0.1	-0.1%
1.2%	76.7	74.6	-2.1	-2.7%
2.5%	74.7	74.6	-0.1	-0.1%
3.7%	74.2	74.2	0.0	0.0%
4.9%	73.4	73.3	-0.1	-0.1%
6.2%	73.0	73.1	0.1	0.1%
7.4%	71.9	72.3	0.4	0.6%
8.6%	71.5	72.1	0.6	0.8%
9.9%	71.2	71.8	0.6	0.8%
11.1%	71.1	71.6	0.5	0.7%
12.3%	71.0	71.5	0.5	0.7%
13.6%	70.8	71.2	0.4	0.6%
14.8%	70.8	71.0	0.2	0.3%
16.0%	70.7	70.7	0.0	0.0%
17.3%	70.5	70.7	0.2	0.3%
18.5%	70.5	70.6	0.1	0.1%
19.8%	70.4	70.6	0.2	0.3%
21.0%	70.0	70.5	0.5	0.7%
22.2%	69.9	70.2	0.3	0.4%
23.5%	69.7	70.1	0.4	0.6%
24.7%	69.6	70.1	0.5	0.7%
25.9%	69.6	70.0	0.4	0.6%
27.2%	69.6	70.0	0.4	0.6%
28.4%	69.5	70.0	0.5	0.7%
29.6%	69.3	69.7	0.4	0.6%
30.9%	69.3	69.7	0.4	0.6%
32.1%	69.2	69.7	0.5	0.7%
33.3%	69.2	69.6	0.4	0.6%
34.6%	69.2	69.5	0.3	0.4%
35.8%	69.0	69.5	0.5	0.7%
37.0%	68.9	69.4	0.5	0.7%
38.3%	68.9	69.3	0.4	0.6%
39.5%	68.9	69.3	0.4	0.6%
40.7%	68.7	69.2	0.5	0.7%
42.0%	68.7	69.1	0.4	0.6%
43.2%	68.6	69.1	0.5	0.7%
44.4%	68.6	69.0	0.4	0.6%
45.7%	68.6	69.0	0.4	0.6%
46.9%	68.4	68.9	0.5	0.7%
48.1%	68.4	68.8	0.4	0.6%
49.4%	68.4	68.7	0.3	0.4%
50.6%	68.3	68.7	0.4	0.6%
51.9%	68.0	68.5	0.5	0.7%
53.1%	68.0	68.5	0.5	0.7%
54.3%	68.0	68.5	0.5	0.7%
55.6%	68.0	68.5	0.5	0.7%
56.8%	68.0	68.3	0.3	0.4%
58.0%	68.0	68.3	0.3	0.4%
59.3%	68.0	68.1	0.1	0.1%
60.5%	68.0	68.0	0.0	0.0%
61.7%	68.0	67.9	-0.1	-0.1%
63.0%	67.9	67.9	0.0	0.0%
64.2%	67.8	67.9	0.1	0.1%
65.4%	67.8	67.8	0.0	0.0%
66.7%	67.7	67.8	0.1	0.1%
67.9%	67.7	67.8	0.1	0.1%
69.1%	67.7	67.8	0.1	0.1%
70.4%	67.7	67.7	0.0	0.0%
71.6%	67.5	67.7	0.2	0.3%
72.8%	67.5	67.6	0.1	0.1%
74.1%	67.5	67.6	0.1	0.1%
75.3%	67.5	67.6	0.1	0.1%
76.5%	67.5	67.5	0.0	0.0%
77.8%	67.5	67.5	0.0	0.0%
79.0%	67.4	67.4	0.0	0.0%
80.2%	67.4	67.4	0.0	0.0%
81.5%	67.4	67.3	-0.1	-0.1%
82.7%	67.4	67.3	-0.1	-0.1%
84.0%	67.3	67.3	0.0	0.0%
85.2%	67.2	67.2	0.0	0.0%
86.4%	67.2	67.2	0.0	0.0%
87.7%	67.2	67.2	0.0	0.0%
88.9%	67.2	67.1	-0.1	-0.1%
90.1%	67.1	67.1	0.0	0.0%
91.4%	67.1	67.1	0.0	0.0%
92.6%	67.0	67.0	0.0	0.0%
93.8%	67.0	67.0	0.0	0.0%
95.1%	67.0	67.0	0.0	0.0%
96.3%	67.0	66.8	-0.2	-0.3%
97.5%	67.0	66.6	-0.4	-0.6%
98.8%	66.4	66.2	-0.2	-0.3%
100.0%	66.4	66.2	-0.2	-0.3%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	74.9	75.0	0.1	0.1%
1.2%	73.9	73.9	0.0	0.0%
2.5%	73.7	73.6	-0.1	-0.1%
3.7%	73.4	73.1	-0.3	-0.4%
4.9%	73.3	72.8	-0.5	-0.7%
6.2%	73.2	72.7	-0.5	-0.7%
7.4%	73.0	72.4	-0.6	-0.8%
8.6%	72.9	72.4	-0.5	-0.7%
9.9%	72.5	72.3	-0.2	-0.3%
11.1%	72.4	71.7	-0.7	-1.0%
12.3%	71.8	71.6	-0.2	-0.3%
13.6%	71.7	71.6	-0.1	-0.1%
14.8%	71.6	71.4	-0.2	-0.3%
16.0%	71.4	71.4	0.0	0.0%
17.3%	71.4	71.3	-0.1	-0.1%
18.5%	71.3	70.9	-0.4	-0.6%
19.8%	71.2	70.7	-0.5	-0.7%
21.0%	71.2	70.7	-0.5	-0.7%
22.2%	71.2	70.6	-0.6	-0.8%
23.5%	71.0	70.6	-0.4	-0.6%
24.7%	71.0	70.4	-0.6	-0.8%
25.9%	70.8	70.4	-0.4	-0.6%
27.2%	70.7	70.0	-0.7	-1.0%
28.4%	70.6	70.0	-0.6	-0.8%
29.6%	70.6	70.0	-0.6	-0.8%
30.9%	70.6	69.9	-0.7	-1.0%
32.1%	70.6	69.9	-0.7	-1.0%
33.3%	70.5	69.9	-0.6	-0.9%
34.6%	70.5	69.9	-0.6	-0.9%
35.8%	70.3	69.8	-0.5	-0.7%
37.0%	70.1	69.8	-0.3	-0.4%
38.3%	70.1	69.6	-0.5	-0.7%
39.5%	69.8	69.6	-0.2	-0.3%
40.7%	69.6	69.5	-0.1	-0.1%
42.0%	69.5	69.5	0.0	0.0%
43.2%	69.2	69.5	0.3	0.4%
44.4%	69.2	69.4	0.2	0.3%
45.7%	69.1	69.4	0.3	0.4%
46.9%	69.1	69.4	0.3	0.4%
48.1%	69.0	69.3	0.3	0.4%
49.4%	69.0	69.3	0.3	0.4%
50.6%	69.0	69.2	0.2	0.3%
51.9%	69.0	69.2	0.2	0.3%
53.1%	68.8	69.1	0.3	0.4%
54.3%	68.8	69.1	0.3	0.4%
55.6%	68.8	69.0	0.2	0.3%
56.8%	68.8	69.0	0.2	0.3%
58.0%	68.7	68.7	0.0	0.0%
59.3%	68.7	68.7	0.0	0.0%
60.5%	68.7	68.6	-0.1	-0.1%
61.7%	68.7	68.6	-0.1	-0.1%
63.0%	68.6	68.6	0.0	0.0%
64.2%	68.6	68.6	0.0	0.0%
65.4%	68.6	68.5	-0.1	-0.1%
66.7%	68.6	68.5	-0.1	-0.1%
67.9%	68.5	68.5	0.0	0.0%
69.1%	68.5	68.5	0.0	0.0%
70.4%	68.2	68.5	0.3	0.4%
71.6%	68.1	68.5	0.4	0.6%
72.8%	68.0	68.4	0.4	0.6%
74.1%	68.0	68.3	0.3	0.4%
75.3%	67.9	68.2	0.3	0.4%
76.5%	67.9	68.2	0.3	0.4%
77.8%	67.9	68.0	0.1	0.1%
79.0%	67.9	67.9	0.0	0.0%
80.2%	67.8	67.9	0.1	0.1%
81.5%	67.7	67.9	0.2	0.3%
82.7%	67.6	67.7	0.1	0.1%
84.0%	67.6	67.7	0.1	0.1%
85.2%	67.5	67.6	0.1	0.1%
86.4%	67.5	67.6	0.1	0.1%
87.7%	67.4	67.5	0.1	0.1%
88.9%	67.4	67.5	0.1	0.1%
90.1%	67.3	67.4	0.1	0.1%
91.4%	67.3	67.4	0.1	0.1%
92.6%	67.2	67.4	0.2	0.3%
93.8%	67.2	67.3	0.1	0.1%
95.1%	67.1	67.2	0.1	0.1%
96.3%	66.9	66.9	0.0	0.0%
97.5%	66.8	66.8	0.0	0.0%
98.8%	66.6	66.7	0.1	0.2%
100.0%	66.6	66.7	0.1	0.2%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	71.4	70.4	-1.0	-1.4%
1.2%	70.6	70.3	-0.3	-0.4%
2.5%	70.5	69.7	-0.8	-1.1%
3.7%	69.9	69.7	-0.2	-0.3%
4.9%	69.9	69.4	-0.5	-0.7%
6.2%	69.5	69.3	-0.2	-0.3%
7.4%	69.5	69.1	-0.4	-0.6%
8.6%	69.3	69.0	-0.3	-0.4%
9.9%	69.3	68.9	-0.4	-0.6%
11.1%	69.2	68.8	-0.4	-0.6%
12.3%	69.0	68.8	-0.2	-0.3%
13.6%	68.9	68.8	-0.1	-0.1%
14.8%	68.8	68.7	-0.1	-0.1%
16.0%	68.8	68.7	-0.1	-0.1%
17.3%	68.7	68.7	0.0	0.0%
18.5%	68.5	68.6	0.1	0.1%
19.8%	68.5	68.6	0.1	0.1%
21.0%	68.4	68.5	0.1	0.1%
22.2%	68.4	68.3	-0.1	-0.1%
23.5%	68.4	68.3	-0.1	-0.1%
24.7%	68.3	68.2	-0.1	-0.1%
25.9%	68.2	68.0	-0.2	-0.3%
27.2%	68.2	68.0	-0.2	-0.3%
28.4%	68.1	68.0	-0.1	-0.1%
29.6%	68.0	67.9	-0.1	-0.1%
30.9%	67.9	67.9	0.0	0.0%
32.1%	67.9	67.9	0.0	0.0%
33.3%	67.8	67.8	0.0	0.0%
34.6%	67.8	67.7	-0.1	-0.1%
35.8%	67.8	67.6	-0.2	-0.3%
37.0%	67.4	67.5	0.1	0.1%
38.3%	67.4	67.5	0.1	0.1%
39.5%	67.4	67.4	0.0	0.0%
40.7%	67.3	67.3	0.0	0.0%
42.0%	67.3	67.3	0.0	0.0%
43.2%	67.3	67.2	-0.1	-0.1%
44.4%	67.2	67.1	-0.1	-0.1%
45.7%	67.1	67.0	-0.1	-0.1%
46.9%	66.9	66.8	-0.1	-0.1%
48.1%	66.9	66.8	-0.1	-0.1%
49.4%	66.7	66.8	0.1	0.1%
50.6%	66.6	66.8	0.2	0.3%
51.9%	66.6	66.7	0.1	0.2%
53.1%	66.5	66.6	0.1	0.2%
54.3%	66.5	66.6	0.1	0.2%
55.6%	66.5	66.5	0.0	0.0%
56.8%	66.4	66.5	0.1	0.2%
58.0%	66.4	66.4	0.0	0.0%
59.3%	66.3	66.4	0.1	0.2%
60.5%	66.3	66.4	0.1	0.2%
61.7%	66.3	66.4	0.1	0.2%
63.0%	66.3	66.4	0.1	0.2%
64.2%	66.3	66.3	0.0	0.0%
65.4%	66.2	66.3	0.1	0.2%
66.7%	66.2	66.3	0.1	0.2%
67.9%	66.2	66.3	0.1	0.2%
69.1%	66.2	66.3	0.1	0.2%
70.4%	66.2	66.3	0.1	0.2%
71.6%	66.2	66.3	0.1	0.2%
72.8%	66.1	66.2	0.1	0.2%
74.1%	66.1	66.1	0.0	0.0%
75.3%	66.0	66.1	0.1	0.2%
76.5%	66.0	66.1	0.1	0.2%
77.8%	66.0	66.1	0.1	0.2%
79.0%	66.0	66.1	0.1	0.2%
80.2%	65.9	66.0	0.1	0.2%
81.5%	65.9	66.0	0.1	0.2%
82.7%	65.9	65.9	0.0	0.0%
84.0%	65.8	65.8	0.0	0.0%
85.2%	65.6	65.8	0.2	0.3%
86.4%	65.6	65.7	0.1	0.2%
87.7%	65.6	65.7	0.1	0.2%
88.9%	65.5	65.6	0.1	0.2%
90.1%	65.3	65.6	0.3	0.5%
91.4%	65.3	65.5	0.2	0.3%
92.6%	65.2	65.5	0.3	0.5%
93.8%	65.0	65.4	0.4	0.6%
95.1%	65.0	65.3	0.3	0.5%
96.3%	65.0	65.0	0.0	0.0%
97.5%	64.7	65.0	0.3	0.5%
98.8%	64.3	65.0	0.7	1.1%
100.0%	64.3	65.0	0.7	1.1%

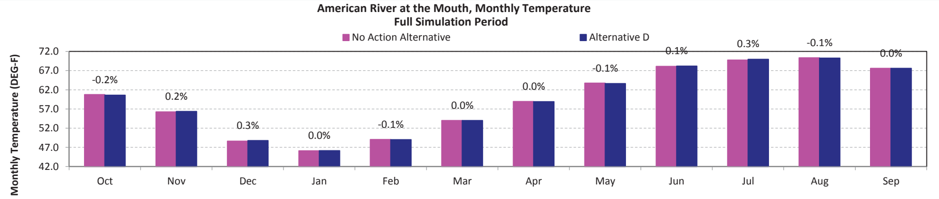
Table SQ-20-9a
American River at the Mouth, Monthly Temperature
Long-term Average and Average by Water Year Type

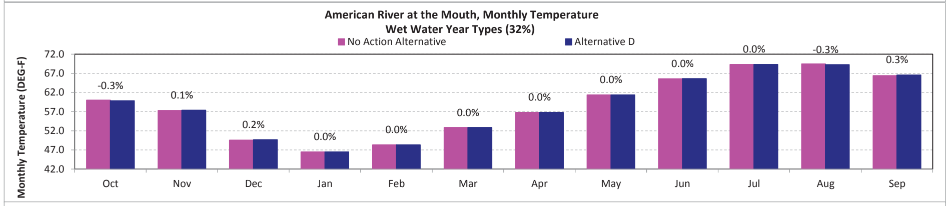
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	60.8	56.3	48.6	46.1	49.0	54.0	58.9	63.7	68.1	69.7	70.4	67.6
Alternative D	60.6	56.4	48.8	46.1	49.0	54.0	58.9	63.6	68.2	70.0	70.3	67.6
Difference	-0.1	0.1	0.1	0.0	0.0	0.0	0.0	-0.1	0.1	0.2	-0.1	0.0
Percent Difference[3]	-0.2%	0.2%	0.3%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.1%	0.3%	-0.1%	0.0%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	60.0	57.3	49.6	46.5	48.3	52.8	56.8	61.4	65.6	69.3	69.5	66.4
Alternative D	59.9	57.4	49.7	46.5	48.3	52.8	56.8	61.4	65.6	69.3	69.3	66.6
Difference	-0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.2
Percent Difference	-0.3%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.3%
Above Normal (15%)												
No Action Alternative	59.6	55.7	48.6	46.4	48.6	53.3	58.4	63.2	67.9	68.6	69.7	66.8
Alternative D	59.5	55.8	48.7	46.4	48.6	53.4	58.4	63.2	68.0	68.7	69.7	67.0
Difference	-0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.2
Percent Difference	-0.2%	0.1%	0.2%	0.1%	0.0%	0.1%	0.0%	0.0%	0.1%	0.2%	0.0%	0.3%
Below Normal (17%)												
No Action Alternative	59.5	56.1	48.9	45.5	48.0	53.9	59.0	63.2	68.1	68.3	70.5	68.0
Alternative D	59.4	56.2	49.0	45.6	47.9	54.0	58.9	63.0	68.1	68.9	70.2	67.7
Difference	-0.1	0.1	0.1	0.1	0.0	0.1	-0.1	-0.1	0.0	0.7	-0.3	-0.2
Percent Difference	-0.1%	0.2%	0.2%	0.2%	-0.1%	0.2%	-0.2%	-0.2%	0.0%	1.0%	-0.4%	-0.4%
Dry (22%)												
No Action Alternative	61.3	56.0	48.4	45.7	49.5	54.7	60.3	65.9	70.1	69.9	70.4	68.2
Alternative D	60.9	56.1	48.7	45.7	49.4	54.7	60.4	65.7	70.3	70.1	70.5	68.3
Difference	-0.4	0.2	0.3	0.0	-0.1	0.0	0.1	-0.2	0.2	0.2	0.1	0.1
Percent Difference	-0.7%	0.3%	0.6%	-0.1%	-0.3%	0.1%	0.1%	-0.3%	0.2%	0.4%	0.2%	0.1%
Critical (15%)												
No Action Alternative	64.2	55.1	46.8	46.2	51.3	56.1	61.7	66.5	70.4	73.4	72.6	69.4
Alternative D	64.3	55.3	46.8	46.2	51.3	55.9	61.6	66.3	70.7	73.6	72.5	69.1
Difference	0.1	0.1	0.1	0.1	0.0	-0.1	-0.1	-0.2	0.3	0.2	-0.1	-0.3
Percent Difference	0.2%	0.2%	0.2%	0.1%	0.1%	-0.2%	-0.1%	-0.3%	0.4%	0.2%	-0.1%	-0.4%

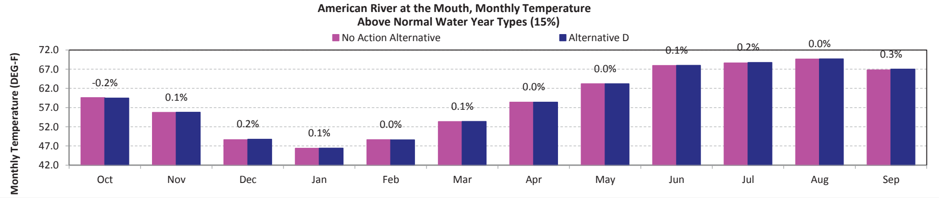
1 Based on the 82-year simulation period

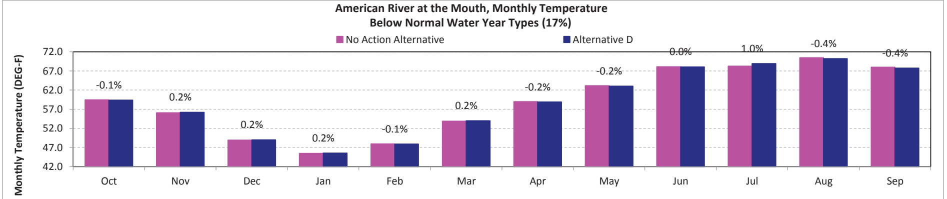
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

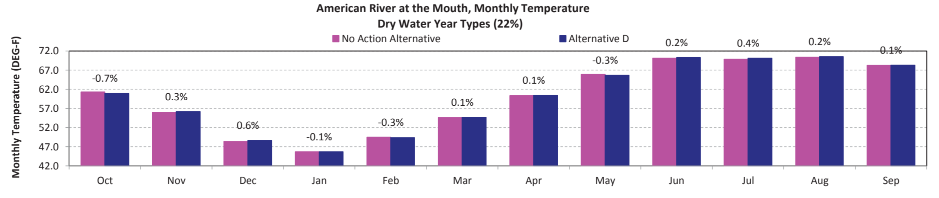
3 Relative difference of the monthly average











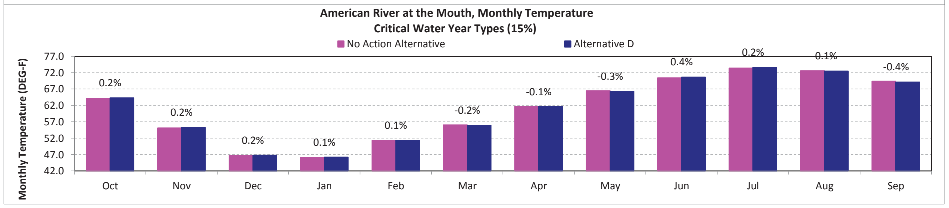


Figure SQ-20-9b
American River at the Mouth, Monthly Temperature
Probability of Exceedance

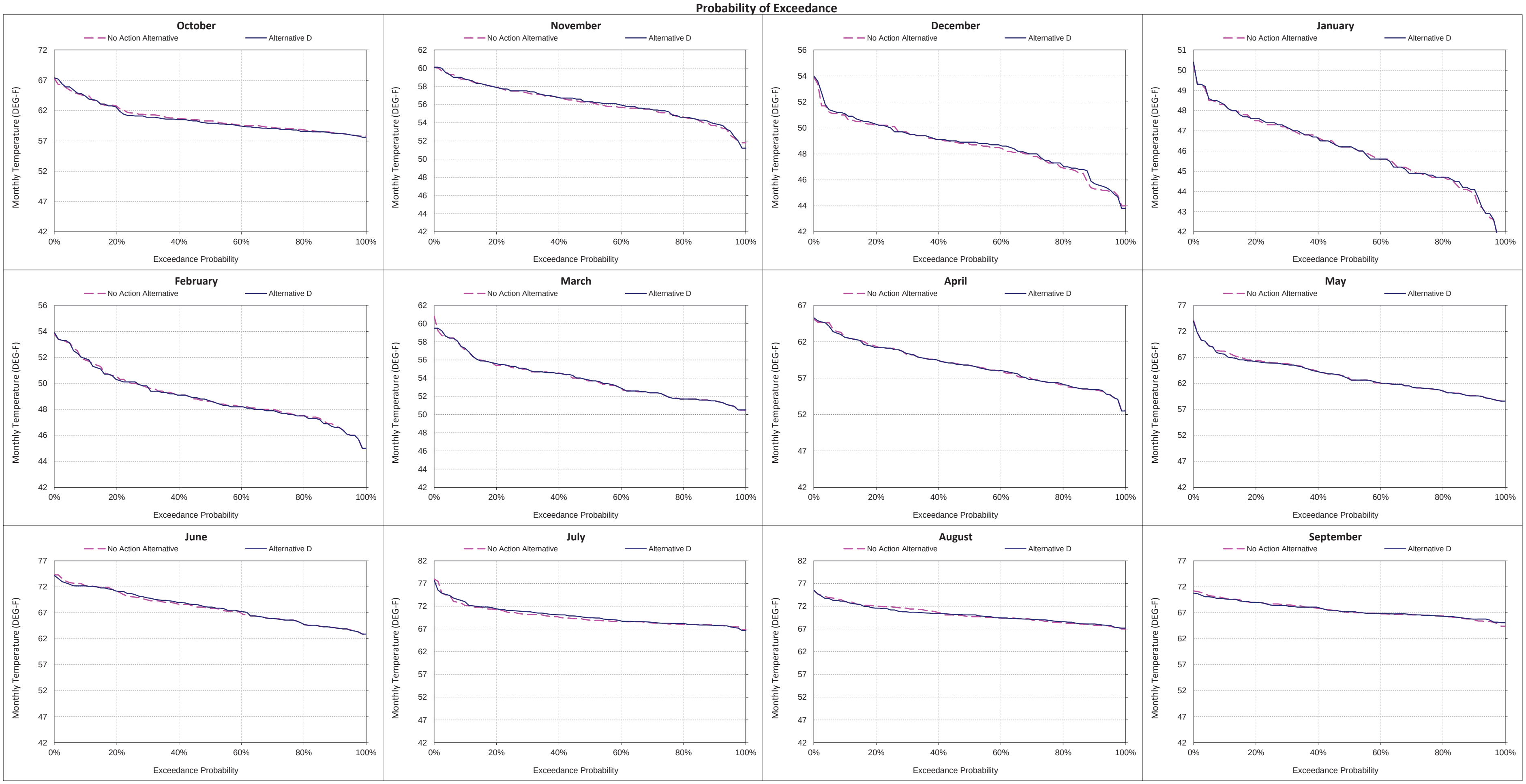


Table SQ-20-9b

American River at the Mouth, Monthly Temperature

Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.3	67.4	0.1	0.1%
1.2%	66.3	67.2	0.9	1.4%
2.5%	66.3	66.4	0.1	0.2%
3.7%	65.8	65.9	0.1	0.2%
4.9%	65.4	65.9	0.5	0.8%
6.2%	65.0	65.4	0.4	0.6%
7.4%	64.8	64.9	0.1	0.2%
8.6%	64.6	64.8	0.2	0.3%
9.9%	64.5	64.4	-0.1	-0.2%
11.1%	64.4	63.9	-0.5	-0.8%
12.3%	63.7	63.8	0.1	0.2%
13.6%	63.7	63.7	0.0	0.0%
14.8%	63.1	63.1	0.0	0.0%
16.0%	62.9	63.1	0.2	0.3%
17.3%	62.9	62.8	-0.1	-0.2%
18.5%	62.9	62.8	-0.1	-0.2%
19.8%	62.8	62.6	-0.2	-0.3%
21.0%	62.3	61.9	-0.4	-0.6%
22.2%	62.1	61.4	-0.7	-1.1%
23.5%	61.7	61.2	-0.5	-0.8%
24.7%	61.6	61.2	-0.4	-0.6%
25.9%	61.6	61.1	-0.5	-0.8%
27.2%	61.4	61.1	-0.3	-0.5%
28.4%	61.4	61.1	-0.3	-0.5%
29.6%	61.3	60.9	-0.4	-0.7%
30.9%	61.3	60.9	-0.4	-0.7%
32.1%	61.3	60.9	-0.4	-0.7%
33.3%	61.2	60.8	-0.4	-0.7%
34.6%	61.1	60.7	-0.4	-0.7%
35.8%	60.9	60.6	-0.3	-0.5%
37.0%	60.8	60.6	-0.2	-0.3%
38.3%	60.8	60.6	-0.2	-0.3%
39.5%	60.7	60.5	-0.2	-0.3%
40.7%	60.7	60.5	-0.2	-0.3%
42.0%	60.6	60.5	-0.1	-0.2%
43.2%	60.6	60.4	-0.2	-0.3%
44.4%	60.5	60.3	-0.2	-0.3%
45.7%	60.5	60.3	-0.2	-0.3%
46.9%	60.4	60.1	-0.3	-0.5%
48.1%	60.3	60.0	-0.3	-0.5%
49.4%	60.3	59.9	-0.4	-0.7%
50.6%	60.3	59.9	-0.4	-0.7%
51.9%	60.2	59.9	-0.3	-0.5%
53.1%	60.0	59.8	-0.2	-0.3%
54.3%	59.9	59.8	-0.1	-0.2%
55.6%	59.9	59.7	-0.2	-0.3%
56.8%	59.8	59.7	-0.1	-0.2%
58.0%	59.7	59.6	-0.1	-0.2%
59.3%	59.6	59.5	-0.1	-0.2%
60.5%	59.5	59.4	-0.1	-0.2%
61.7%	59.5	59.3	-0.2	-0.3%
63.0%	59.5	59.3	-0.2	-0.3%
64.2%	59.5	59.2	-0.3	-0.5%
65.4%	59.5	59.2	-0.3	-0.5%
66.7%	59.4	59.1	-0.3	-0.5%
67.9%	59.3	59.1	-0.2	-0.3%
69.1%	59.3	59.0	-0.3	-0.5%
70.4%	59.2	59.0	-0.2	-0.3%
71.6%	59.1	59.0	-0.1	-0.2%
72.8%	59.1	58.9	-0.2	-0.3%
74.1%	59.1	58.9	-0.2	-0.3%
75.3%	59.0	58.9	-0.1	-0.2%
76.5%	59.0	58.8	-0.2	-0.3%
77.8%	58.9	58.8	-0.1	-0.2%
79.0%	58.9	58.6	-0.3	-0.5%
80.2%	58.8	58.6	-0.2	-0.3%
81.5%	58.7	58.6	-0.1	-0.2%
82.7%	58.7	58.5	-0.2	-0.3%
84.0%	58.6	58.5	-0.1	-0.2%
85.2%	58.5	58.5	0.0	0.0%
86.4%	58.5	58.5	0.0	0.0%
87.7%	58.5	58.4	-0.1	-0.2%
88.9%	58.4	58.3	-0.1	-0.2%
90.1%	58.3	58.3	0.0	0.0%
91.4%	58.2	58.2	0.0	0.0%
92.6%	58.2	58.2	0.0	0.0%
93.8%	58.1	58.1	0.0	0.0%
95.1%	58.0	58.0	0.0	0.0%
96.3%	57.9	57.9	0.0	0.0%
97.5%	57.8	57.8	0.0	0.0%
98.8%	57.8	57.6	-0.2	-0.3%
100.0%	57.8	57.6	-0.2	-0.3%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.1	60.1	0.0	0.0%
1.2%	60.0	60.1	0.1	0.2%
2.5%	59.7	60.0	0.3	0.5%
3.7%	59.6	59.5	-0.1	-0.2%
4.9%	59.3	59.3	0.0	0.0%
6.2%	59.3	59.0	-0.3	-0.5%
7.4%	59.0	59.0	0.0	0.0%
8.6%	58.8	59.0	0.2	0.3%
9.9%	58.8	58.8	0.0	0.0%
11.1%	58.6	58.7	0.1	0.2%
12.3%	58.5	58.6	0.1	0.2%
13.6%	58.4	58.3	-0.1	-0.2%
14.8%	58.3	58.3	0.0	0.0%
16.0%	58.2	58.2	0.0	0.0%
17.3%	58.1	58.1	0.0	0.0%
18.5%	58.0	58.0	0.0	0.0%
19.8%	58.0	57.9	-0.1	-0.2%
21.0%	57.8	57.8	0.0	0.0%
22.2%	57.7	57.7	0.0	0.0%
23.5%	57.5	57.7	0.2	0.3%
24.7%	57.5	57.5	0.0	0.0%
25.9%	57.5	57.5	0.0	0.0%
27.2%	57.5	57.5	0.0	0.0%
28.4%	57.4	57.5	0.1	0.2%
29.6%	57.3	57.5	0.2	0.3%
30.9%	57.2	57.4	0.2	0.3%
32.1%	57.1	57.4	0.3	0.5%
33.3%	57.1	57.2	0.1	0.2%
34.6%	57.1	57.1	0.0	0.0%
35.8%	56.9	57.0	0.1	0.2%
37.0%	56.9	57.0	0.1	0.2%
38.3%	56.9	56.9	0.0	0.0%
39.5%	56.8	56.8	0.0	0.0%
40.7%	56.7	56.7	0.0	0.0%
42.0%	56.6	56.7	0.1	0.2%
43.2%	56.5	56.7	0.2	0.4%
44.4%	56.5	56.7	0.2	0.4%
45.7%	56.4	56.6	0.2	0.4%
46.9%	56.3	56.6	0.3	0.5%
48.1%	56.3	56.3	0.0	0.0%
49.4%	56.3	56.3	0.0	0.0%
50.6%	56.2	56.3	0.1	0.2%
51.9%	56.1	56.2	0.1	0.2%
53.1%	55.9	56.2	0.3	0.5%
54.3%	55.9	56.1	0.2	0.4%
55.6%	55.8	56.1	0.3	0.5%
56.8%	55.8	56.1	0.3	0.5%
58.0%	55.8	56.1	0.3	0.5%
59.3%	55.7	56.0	0.3	0.5%
60.5%	55.7	55.9	0.2	0.4%
61.7%	55.6	55.8	0.2	0.4%
63.0%	55.6	55.8	0.2	0.4%
64.2%	55.6	55.8	0.2	0.4%
65.4%	55.6	55.6	0.0	0.0%
66.7%	55.5	55.6	0.1	0.2%
67.9%	55.5	55.5	0.0	0.0%
69.1%	55.5	55.5	0.0	0.0%
70.4%	55.4	55.4	0.0	0.0%
71.6%	55.2	55.4	0.2	0.4%
72.8%	55.1	55.3	0.2	0.4%
74.1%	55.1	55.3	0.2	0.4%
75.3%	55.0	55.2	0.2	0.4%
76.5%	54.9	54.8	-0.1	-0.2%
77.8%	54.7	54.8	0.1	0.2%
79.0%	54.7	54.6	-0.1	-0.2%
80.2%	54.6	54.6	0.0	0.0%
81.5%	54.5	54.6	0.1	0.2%
82.7%	54.5	54.5	0.0	0.0%
84.0%	54.4	54.4	0.0	0.0%
85.2%	54.2	54.3	0.1	0.2%
86.4%	54.0	54.3	0.3	0.6%
87.7%	54.0	54.2	0.2	0.4%
88.9%	53.7	54.0	0.3	0.6%
90.1%	53.7	53.9	0.2	0.4%
91.4%	53.5	53.8	0.3	0.6%
92.6%	53.4	53.7	0.3	0.6%
93.8%	53.3	53.3	0.0	0.0%
95.1%	52.6	53.1	0.5	1.0%
96.3%	52.3	52.5	0.2	0.4%
97.5%	52.0	52.0	0.0	0.0%
98.8%	51.8	51.2	-0.6	-1.2%
100.0%	51.8	51.2	-0.6	-1.2%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.9	54.0	0.1	0.2%
1.2%	53.4	53.6	0.2	0.4%
2.5%	51.7	52.7	1.0	1.9%
3.7%	51.7	51.8	0.1	0.2%
4.9%	51.2	51.4	0.2	0.4%
6.2%	51.1	51.3	0.2	0.4%
7.4%	51.1	51.2	0.1	0.2%
8.6%	51.0	51.2	0.2	0.4%
9.9%	51.0	51.1	0.1	0.2%
11.1%	50.6	50.9	0.3	0.6%
12.3%	50.6	50.9	0.3	0.6%
13.6%	50.5	50.7	0.2	0.4%
14.8%	50.5	50.6	0.1	0.2%
16.0%	50.4	50.5	0.1	0.2%
17.3%	50.3	50.5	0.2	0.4%
18.5%	50.3	50.4	0.1	0.2%
19.8%	50.2	50.3	0.1	0.2%
21.0%	50.2	50.2	0.0	0.0%
22.2%	50.2	50.2	0.0	0.0%
23.5%	50.2	50.1	-0.1	-0.2%
24.7%	50.1	50.0	-0.1	-0.2%
25.9%	50.1	49.7	-0.4	-0.8%
27.2%	49.7	49.7	0.0	0.0%
28.4%	49.7	49.7	0.0	0.0%
29.6%	49.7	49.6	-0.1	-0.2%
30.9%	49.5	49.5	0.0	0.0%
32.1%	49.4	49.5	0.1	0.2%
33.3%	49.4	49.4	0.0	0.0%
34.6%	49.4	49.4	0.0	0.0%
35.8%	49.4	49.4	0.0	0.0%
37.0%	49.2	49.3	0.1	0.2%
38.3%	49.2	49.2	0.0	0.0%
39.5%	49.1	49.1	0.0	0.0%
40.7%	49.1	49.1	0.0	0.0%
42.0%	49.0	49.1	0.1	0.2%
43.2%	49.0	49.0	0.0	0.0%
44.4%	48.9	49.0	0.1	0.2%
45.7%	48.9	49.0	0.1	0.2%
46.9%	48.8	48.9	0.1	0.2%
48.1%	48.8	48.9	0.1	0.2%
49.4%	48.8	48.9	0.1	0.2%
50.6%	48.7	48.9	0.2	0.4%
51.9%	48.7	48.9	0.2	0.4%
53.1%	48.7	48.8	0.1	0.2%
54.3%	48.6	48.8	0.2	0.4%
55.6%	48.6	48.8	0.2	0.4%
56.8%	48.5	48.7	0.2	0.4%
58.0%	48.5	48.7	0.2	0.4%
59.3%	48.5	48.7	0.2	0.4%
60.5%	48.4	48.6	0.2	0.4%
61.7%	48.2	48.6	0.4	0.8%
63.0%	48.2	48.5	0.3	0.6%
64.2%	48.1	48.4	0.3	0.6%
65.4%	48.1	48.2	0.1	0.2%
66.7%	48.1	48.2	0.1	0.2%
67.9%	48.0	48.1	0.1	0.2%
69.1%	48.0	48.0	0.0	0.0%
70.4%	47.8	48.0	0.2	0.4%
71.6%	47.8	48.0	0.2	0.4%
72.8%	47.6	47.7	0.1	0.2%
74.1%	47.5	47.5	0.0	0.0%
75.3%	47.3	47.5	0.2	0.4%
76.5%	47.3	47.3	0.0	0.0%
77.8%	47.3	47.3	0.0	0.0%
79.0%	47.0	47.3	0.3	0.6%
80.2%	46.9	47.0	0.1	0.2%
81.5%	46.8	47.0	0.2	0.4%
82.7%	46.8	46.9	0.1	0.2%
84.0%	46.7	46.9	0.2	0.4%
85.2%	46.5	46.8	0.3	0.6%
86.4%	46.5	46.8	0.3	0.6%
87.7%	45.9	46.7	0.8	1.7%
88.9%	45.4	45.9	0.5	1.1%
90.1%	45.3	45.7	0.4	0.9%
91.4%	45.3	45.6	0.3	0.7%
92.6%	45.2	45.5	0.3	0.7%
93.8%	45.2	45.4	0.2	0.4%
95.1%	45.1	45.2	0.1	0.2%
96.3%	45.1	44.9	-0.2	-0.4%
97.5%	44.8	44.7	-0.1	-0.2%
98.8%	44.0	43.8	-0.2	-0.5%
100.0%	44.0	43.8	-0.2	-0.5%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.3	50.4	0.1	0.2%
1.2%	49.3	49.3	0.0	0.0%
2.5%	49.3	49.3	0.0	0.0%
3.7%	49.1	49.2	0.1	0.2%
4.9%	48.5	48.6	0.1	0.2%
6.2%	48.5	48.5	0.0	0.0%
7.4%	48.4	48.5	0.1	0.2%
8.6%	48.3	48.4	0.1	0.2%
9.9%	48.3	48.3	0.0	0.0%
11.1%	48.1	48.1	0.0	0.0%
12.3%	48.0	48.0	0.0	0.0%
13.6%	48.0	48.0	0.0	0.0%
14.8%	47.9	47.8	-0.1	-0.2%
16.0%	47.8	47.7	-0.1	-0.2%
17.3%	47.8	47.7	-0.1	-0.2%
18.5%	47.6	47.6	0.0	0.0%
19.8%	47.5	47.6	0.1	0.2%
21.0%	47.5	47.6	0.1	0.2%
22.2%	47.4	47.5	0.1	0.2%
23.5%	47.3	47.4	0.1	0.2%
24.7%	47.3	47.4	0.1	0.2%
25.9%	47.3	47.4	0.1	0.2%
27.2%	47.3	47.3	0.0	0.0%
28.4%	47.2	47.3	0.1	0.2%
29.6%	47.2	47.2	0.0	0.0%
30.9%	47.0	47.1	0.1	0.2%
32.1%	47.0	47.0	0.0	0.0%
33.3%	46.9	47.0	0.1	0.2%
34.6%	46.8	46.9	0.1	0.2%
35.8%	46.8	46.8	0.0	0.0%
37.0%	46.8	46.8	0.0	0.0%
38.3%	46.8	46.7	-0.1	-0.2%
39.5%	46.7	46.7	0.0	0.0%
40.7%	46.6	46.5	-0.1	-0.2%
42.0%	46.5	46.5	0.0	0.0%
43.2%	46.5	46.5	0.0	0.0%
44.4%	46.5	46.4	-0.1	-0.2%
45.7%	46.3	46.3	0.0	0.0%
46.9%	46.2	46.2	0.0	0.0%
48.1%	46.2	46.2	0.0	0.0%
49.4%	46.2	46.2	0.0	0.0%
50.6%	46.2	46.2	0.0	0.0%
51.9%	46.1	46.1	0.0	0.0%
53.1%	46.0	46.0	0.0	0.0%
54.3%	46.0	46.0	0.0	0.0%
55.6%	45.9	45.8	-0.1	-0.2%
56.8%	45.8	45.6	-0.2	-0.4%
58.0%	45.7	45.6	-0.1	-0.2%
59.3%	45.6	45.6	0.0	0.0%
60.5%	45.6	45.6	0.0	0.0%
61.7%	45.6	45.6	0.0	0.0%
63.0%	45.6	45.5	-0.1	-0.2%
64.2%	45.4	45.2	-0.2	-0.4%
65.4%	45.2	45.2	0.0	0.0%
66.7%	45.2	45.2	0.0	0.0%
67.9%	45.2	45.1	-0.1	-0.2%
69.1%	45.1	44.9	-0.2	-0.4%
70.4%	45.0	44.9	-0.1	-0.2%
71.6%	44.9	44.9	0.0	0.0%
72.8%	44.9	44.9	0.0	0.0%
74.1%	44.8	44.9	0.1	0.2%
75.3%	44.8	44.8	0.0	0.0%
76.5%	44.7	44.8	0.1	0.2%
77.8%	44.7	44.7	0.0	0.0%
79.0%	44.7	44.7	0.0	0.0%
80.2%	44.7	44.7	0.0	0.0%
81.5%	44.6	44.7	0.1	0.2%
82.7%	44.6	44.6	0.0	0.0%
84.0%	44.4	44.5	0.1	0.2%
85.2%	44.2	44.5	0.3	0.7%
86.4%	44.1	44.2	0.1	0.2%
87.7%	44.1	44.2	0.1	0.2%
88.9%	44.0	44.1	0.1	0.2%
90.1%	43.9	44.1	0.2	0.5%
91.4%	43.3	43.7	0.4	0.9%
92.6%	43.2	43.2	0.0	0.0%
93.8%	42.9	42.9	0.0	0.0%
95.1%	42.7	42.9	0.2	0.5%
96.3%	42.6	42.6	0.0	0.0%
97.5%	41.8	41.8	0.0	0.0%
98.8%	41.4	41.4	0.0	0.0%
100.0%	41.4	41.4	0.0	0.0%

Table SQ-20-9b

American River at the Mouth, Monthly Temperature

Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.8	53.9	0.1	0.2%
1.2%	53.4	53.4	0.0	0.0%
2.5%	53.3	53.3	0.0	0.0%
3.7%	53.2	53.3	0.1	0.2%
4.9%	53.1	53.1	0.0	0.0%
6.2%	52.7	52.5	-0.2	-0.4%
7.4%	52.5	52.3	-0.2	-0.4%
8.6%	51.9	52.0	0.1	0.2%
9.9%	51.8	51.9	0.1	0.2%
11.1%	51.7	51.8	0.1	0.2%
12.3%	51.5	51.3	-0.2	-0.4%
13.6%	51.4	51.2	-0.2	-0.4%
14.8%	51.3	51.1	-0.2	-0.4%
16.0%	50.8	50.7	-0.1	-0.2%
17.3%	50.7	50.7	0.0	0.0%
18.5%	50.6	50.6	0.0	0.0%
19.8%	50.6	50.3	-0.3	-0.6%
21.0%	50.3	50.2	-0.1	-0.2%
22.2%	50.3	50.1	-0.2	-0.4%
23.5%	50.1	50.1	0.0	0.0%
24.7%	50.0	50.1	0.1	0.2%
25.9%	50.0	50.1	0.1	0.2%
27.2%	49.9	49.9	0.0	0.0%
28.4%	49.8	49.8	0.0	0.0%
29.6%	49.7	49.8	0.1	0.2%
30.9%	49.6	49.4	-0.2	-0.4%
32.1%	49.6	49.4	-0.2	-0.4%
33.3%	49.4	49.4	0.0	0.0%
34.6%	49.4	49.3	-0.1	-0.2%
35.8%	49.3	49.3	0.0	0.0%
37.0%	49.3	49.2	-0.1	-0.2%
38.3%	49.2	49.2	0.0	0.0%
39.5%	49.1	49.1	0.0	0.0%
40.7%	49.1	49.1	0.0	0.0%
42.0%	49.1	49.1	0.0	0.0%
43.2%	49.0	49.0	0.0	0.0%
44.4%	48.8	48.9	0.1	0.2%
45.7%	48.8	48.9	0.1	0.2%
46.9%	48.7	48.8	0.1	0.2%
48.1%	48.7	48.8	0.1	0.2%
49.4%	48.6	48.7	0.1	0.2%
50.6%	48.6	48.6	0.0	0.0%
51.9%	48.5	48.5	0.0	0.0%
53.1%	48.4	48.4	0.0	0.0%
54.3%	48.4	48.3	-0.1	-0.2%
55.6%	48.3	48.3	0.0	0.0%
56.8%	48.3	48.2	-0.1	-0.2%
58.0%	48.3	48.2	-0.1	-0.2%
59.3%	48.2	48.2	0.0	0.0%
60.5%	48.2	48.2	0.0	0.0%
61.7%	48.2	48.1	-0.1	-0.2%
63.0%	48.1	48.1	0.0	0.0%
64.2%	48.1	48.0	-0.1	-0.2%
65.4%	48.0	48.0	0.0	0.0%
66.7%	48.0	48.0	0.0	0.0%
67.9%	48.0	47.9	-0.1	-0.2%
69.1%	48.0	47.9	-0.1	-0.2%
70.4%	48.0	47.9	-0.1	-0.2%
71.6%	47.9	47.8	-0.1	-0.2%
72.8%	47.8	47.7	-0.1	-0.2%
74.1%	47.7	47.7	0.0	0.0%
75.3%	47.7	47.6	-0.1	-0.2%
76.5%	47.6	47.6	0.0	0.0%
77.8%	47.6	47.5	-0.1	-0.2%
79.0%	47.5	47.5	0.0	0.0%
80.2%	47.5	47.5	0.0	0.0%
81.5%	47.4	47.3	-0.1	-0.2%
82.7%	47.4	47.3	-0.1	-0.2%
84.0%	47.4	47.3	-0.1	-0.2%
85.2%	47.3	47.2	-0.1	-0.2%
86.4%	47.1	46.9	-0.2	-0.4%
87.7%	46.9	46.9	0.0	0.0%
88.9%	46.9	46.7	-0.2	-0.4%
90.1%	46.7	46.6	-0.1	-0.2%
91.4%	46.6	46.6	0.0	0.0%
92.6%	46.4	46.4	0.0	0.0%
93.8%	46.1	46.1	0.0	0.0%
95.1%	46.0	46.0	0.0	0.0%
96.3%	46.0	46.0	0.0	0.0%
97.5%	45.7	45.7	0.0	0.0%
98.8%	45.0	45.0	0.0	0.0%
100.0%	45.0	45.0	0.0	0.0%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.8	59.5	-1.3	-2.1%
1.2%	59.2	59.5	0.3	0.5%
2.5%	58.7	59.2	0.5	0.9%
3.7%	58.6	58.6	0.0	0.0%
4.9%	58.4	58.4	0.0	0.0%
6.2%	58.4	58.4	0.0	0.0%
7.4%	58.0	58.1	0.1	0.2%
8.6%	57.5	57.5	0.0	0.0%
9.9%	57.1	57.3	0.2	0.4%
11.1%	56.9	56.9	0.0	0.0%
12.3%	56.4	56.4	0.0	0.0%
13.6%	56.1	56.1	0.0	0.0%
14.8%	56.0	55.9	-0.1	-0.2%
16.0%	55.9	55.9	0.0	0.0%
17.3%	55.8	55.8	0.0	0.0%
18.5%	55.7	55.7	0.0	0.0%
19.8%	55.4	55.6	0.2	0.4%
21.0%	55.4	55.5	0.1	0.2%
22.2%	55.4	55.5	0.1	0.2%
23.5%	55.4	55.4	0.0	0.0%
24.7%	55.2	55.3	0.1	0.2%
25.9%	55.1	55.3	0.2	0.4%
27.2%	55.1	55.1	0.0	0.0%
28.4%	55.0	55.1	0.1	0.2%
29.6%	55.0	55.0	0.0	0.0%
30.9%	54.7	54.8	0.1	0.2%
32.1%	54.7	54.7	0.0	0.0%
33.3%	54.7	54.7	0.0	0.0%
34.6%	54.7	54.7	0.0	0.0%
35.8%	54.7	54.6	-0.1	-0.2%
37.0%	54.6	54.6	0.0	0.0%
38.3%	54.6	54.6	0.0	0.0%
39.5%	54.6	54.5	-0.1	-0.2%
40.7%	54.5	54.5	0.0	0.0%
42.0%	54.4	54.4	0.0	0.0%
43.2%	54.3	54.4	0.1	0.2%
44.4%	54.0	54.3	0.3	0.6%
45.7%	54.0	54.0	0.0	0.0%
46.9%	53.9	54.0	0.1	0.2%
48.1%	53.9	53.9	0.0	0.0%
49.4%	53.7	53.8	0.1	0.2%
50.6%	53.7	53.7	0.0	0.0%
51.9%	53.7	53.7	0.0	0.0%
53.1%	53.5	53.6	0.1	0.2%
54.3%	53.3	53.4	0.1	0.2%
55.6%	53.3	53.4	0.1	0.2%
56.8%	53.2	53.3	0.1	0.2%
58.0%	53.2	53.2	0.0	0.0%
59.3%	53.0	53.0	0.0	0.0%
60.5%	52.7	52.8	0.1	0.2%
61.7%	52.6	52.6	0.0	0.0%
63.0%	52.6	52.6	0.0	0.0%
64.2%	52.6	52.6	0.0	0.0%
65.4%	52.5	52.6	0.1	0.2%
66.7%	52.5	52.5	0.0	0.0%
67.9%	52.5	52.5	0.0	0.0%
69.1%	52.4	52.4	0.0	0.0%
70.4%	52.4	52.4	0.0	0.0%
71.6%	52.4	52.4	0.0	0.0%
72.8%	52.3	52.3	0.0	0.0%
74.1%	52.1	52.1	0.0	0.0%
75.3%	51.9	51.9	0.0	0.0%
76.5%	51.8	51.8	0.0	0.0%
77.8%	51.8	51.8	0.0	0.0%
79.0%	51.7	51.7	0.0	0.0%
80.2%	51.7	51.7	0.0	0.0%
81.5%	51.7	51.7	0.0	0.0%
82.7%	51.7	51.7	0.0	0.0%
84.0%	51.7	51.7	0.0	0.0%
85.2%	51.6	51.6	0.0	0.0%
86.4%	51.6	51.6	0.0	0.0%
87.7%	51.6	51.6	0.0	0.0%
88.9%	51.5	51.5	0.0	0.0%
90.1%	51.5	51.5	0.0	0.0%
91.4%	51.4	51.4	0.0	0.0%
92.6%	51.3	51.3	0.0	0.0%
93.8%	51.1	51.1	0.0	0.0%
95.1%	51.0	51.0	0.0	0.0%
96.3%	50.9	50.9	0.0	0.0%
97.5%	50.5	50.5	0.0	0.0%
98.8%	50.5	50.5	0.0	0.0%
100.0%	50.5	50.5	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.1	65.3	0.2	0.3%
1.2%	64.7	64.9	0.2	0.3%
2.5%	64.7	64.7	0.0	0.0%
3.7%	64.6	64.6	0.0	0.0%
4.9%	64.6	64.1	-0.5	-0.8%
6.2%	63.7	63.4	-0.3	-0.5%
7.4%	63.4	63.2	-0.2	-0.3%
8.6%	63.3	63.0	-0.3	-0.5%
9.9%	62.7	62.6	-0.1	-0.2%
11.1%	62.5	62.5	0.0	0.0%
12.3%	62.4	62.4	0.0	0.0%
13.6%	62.3	62.3	0.0	0.0%
14.8%	62.2	62.2	0.0	0.0%
16.0%	62.0	61.6	-0.4	-0.6%
17.3%	61.7	61.5	-0.2	-0.3%
18.5%	61.6	61.4	-0.2	-0.3%
19.8%	61.4	61.2	-0.2	-0.3%
21.0%	61.2	61.2	0.0	0.0%
22.2%	61.2	61.2	0.0	0.0%
23.5%	61.1	61.1	0.0	0.0%
24.7%	61.1	61.1	0.0	0.0%
25.9%	61.1	60.9	-0.2	-0.3%
27.2%	60.9	60.9	0.0	0.0%
28.4%	60.7	60.7	0.0	0.0%
29.6%	60.3	60.4	0.1	0.2%
30.9%	60.2	60.3	0.1	0.2%
32.1%	60.2	60.2	0.0	0.0%
33.3%	59.9	59.9	0.0	0.0%
34.6%	59.8	59.8	0.0	0.0%
35.8%	59.7	59.7	0.0	0.0%
37.0%	59.6	59.6	0.0	0.0%
38.3%	59.6	59.6	0.0	0.0%
39.5%	59.5	59.5	0.0	0.0%
40.7%	59.3	59.3	0.0	0.0%
42.0%	59.2	59.2	0.0	0.0%
43.2%	59.1	59.1	0.0	0.0%
44.4%	59.1	59.1	0.0	0.0%
45.7%	59.0	58.9	-0.1	-0.2%
46.9%	58.9	58.9	0.0	0.0%
48.1%	58.8	58.8	0.0	0.0%
49.4%	58.8	58.8	0.0	0.0%
50.6%	58.7	58.7	0.0	0.0%
51.9%	58.6	58.6	0.0	0.0%
53.1%	58.5	58.4	-0.1	-0.2%
54.3%	58.4	58.3	-0.1	-0.2%
55.6%	58.3	58.2	-0.1	-0.2%
56.8%	58.1	58.1	0.0	0.0%
58.0%	58.1	58.1	0.0	0.0%
59.3%	58.0	58.1	0.1	0.2%
60.5%	57.9	58.0	0.1	0.2%
61.7%	57.7	57.9	0.2	0.3%
63.0%	57.7	57.8	0.1	0.2%
64.2%	57.7	57.7	0.0	0.0%
65.4%	57.2	57.6	0.4	0.7%
66.7%	57.1	57.2	0.1	0.2%
67.9%	57.1	57.1	0.0	0.0%
69.1%	57.1	56.8	-0.3	-0.5%
70.4%	56.8	56.8	0.0	0.0%
71.6%	56.8	56.7	-0.1	-0.2%
72.8%	56.6	56.6	0.0	0.0%
74.1%	56.5	56.5	0.0	0.0%
75.3%	56.4	56.4	0.0	0.0%
76.5%	56.4	56.4	0.0	0.0%
77.8%	56.3	56.4	0.1	0.2%
79.0%	56.1	56.3	0.2	0.4%
80.2%	56.1	56.1	0.0	0.0%
81.5%	55.8	56.0	0.2	0.4%
82.7%	55.7	55.8	0.1	0.2%
84.0%	55.7	55.7	0.0	0.0%
85.2%	55.6	55.6	0.0	0.0%
86.4%	55.5	55.5	0.0	0.0%
87.7%	55.5	55.5	0.0	0.0%
88.9%	55.4	55.4	0.0	0.0%
90.1%	55.4	55.4	0.0	0.0%
91.4%	55.3	55.4	0.1	0.2%
92.6%	55.2	55.3	0.1	0.2%
93.8%	54.8	54.8	0.0	0.0%
95.1%	54.7	54.7	0.0	0.0%
96.3%	54.3	54.3	0.0	0.0%
97.5%	54.1	54.1	0.0	0.0%
98.8%	52.5	52.5	0.0	0.0%
100.0%	52.5	52.5	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	74.1	73.9	-0.2	-0.3%
1.2%	71.8	71.7	-0.1	-0.1%
2.5%	70.3	70.3	0.0	0.0%
3.7%	70.0	70.1	0.1	0.1%
4.9%	69.2	69.2	0.0	0.0%
6.2%	69.0	69.0	0.0	0.0%
7.4%	68.3	67.9	-0.4	-0.6%
8.6%	68.2	67.7	-0.5	-0.7%
9.9%	68.2	67.6	-0.6	-0.9%
11.1%	67.9	67.0	-0.9	-1.3%
12.3%	67.5	66.9	-0.6	-0.9%
13.6%	67.2	66.8	-0.4	-0.6%
14.8%	67.1	66.5	-0.6	-0.9%
16.0%	66.8	66.5	-0.3	-0.4%
17.3%	66.5	66.3	-0.2	-0.3%
18.5%	66.5	66.3	-0.2	-0.3%
19.8%	66.4	66.2	-0.2	-0.3%
21.0%	66.4	66.1	-0.3	-0.5%
22.2%	66.2	66.0	-0.2	-0.3%
23.5%	66.2	65.9	-0.3	-0.5%
24.7%	66.0	65.9	-0.1	-0.2%
25.9%	65.9	65.9	0.0	0.0%
27.2%	65.9	65.8	-0.1	-0.2%
28.4%	65.8	65.7	-0.1	-0.2%
29.6%	65.8	65.6	-0.2	-0.3%
30.9%	65.7	65.5	-0.2	-0.3%
32.1%	65.6	65.5	-0.1	-0.2%
33.3%	65.4	65.3	-0.1	-0.2%
34.6%	65.3	65.2	-0.1	-0.2%
35.8%	64.9	64.9	0.0	0.0%
37.0%	64.7	64.7	0.0	0.0%
38.3%	64.6	64.4	-0.2	-0.3%
39.5%	64.4	64.3	-0.1	-0.2%
40.7%	64.1	64.1	0.0	0.0%
42.0%	64.0	64.0	0.0	0.0%
43.2%	63.8	63.8	0.0	0.0%
44.4%	63.8	63.8	0.0	0.0%
45.7%	63.7	63.7	0.0	0.0%
46.9%	63.6	63.6	0.0	0.0%
48.1%	63.4	63.3	-0.1	-0.2%
49.4%	63.3	63.0	-0.3	-0.5%
50.6%	62.6	62.6	0.0	0.0%
51.9%	62.6	62.6	0.0	0.0%
53.1%	62.6	62.6	0.0	0.0%
54.3%	62.6	62.6	0.0	0.0%
55.6%	62.6	62.6	0.0	0.0%
56.8%	62.5	62.5	0.0	0.0%
58.0%	62.1	62.3	0.2	0.3%
59.3%	62.1	62.1	0.0	0.0%
60.5%	62.0	62.0	0.0	0.0%
61.7%	62.0	62.0	0.0	0.0%
63.0%	61.9	61.9	0.0	0.0%
64.2%	61.8	61.8	0.0	0.0%
65.4%	61.8	61.8	0.0	0.0%
66.7%	61.8	61.8	0.0	0.0%
67.9%	61.5	61.5	0.0	0.0%
69.1%	61.5	61.5	0.0	0.0%
70.4%	61.2	61.2	0.0	0.0%
71.6%	61.1	61.1	0.0	0.0%
72.8%	61.1	61.1	0.0	0.0%
74.1%	61.0	61.0	0.0	0.0%
75.3%	61.0	61.0	0.0	0.0%
76.5%	60.9	60.9	0.0	0.0%
77.8%	60.8	60.8	0.0	0.0%
79.0%	60.7	60.7	0.0	0.0%
80.2%	60.5	60.5	0.0	0.0%
81.5%	60.2	60.2	0.0	0.0%
82.7%	60.2	60.2	0.0	0.0%
84.0%	60.1	60.1	0.0	0.0%
85.2%	60.1	60.1	0.0	0.0%
86.4%	59.9	59.9	0.0	0.0%
87.7%	59.7	59.7	0.0	0.0%
88.9%	59.6	59.6	0.0	0.0%
90.1%	59.6	59.6	0.0	0.0%
91.4%	59.6	59.6	0.0	0.0%
92.6%	59.5	59.5	0.0	0.0%
93.8%	59.2	59.2	0.0	0.0%
95.1%	59.1	59.1	0.0	0.0%
96.3%	58.9	58.9	0.0	0.0%
97.5%	58.7	58.7	0.0	0.0%
98.8%	58.6	58.6	0.0	0.0%
100.0%	58.6	58.6	0.0	0.0%

Table SQ-20-9b

American River at the Mouth, Monthly Temperature

Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	74.3	74.2	-0.1	-0.1%
1.2%	74.3	73.6	-0.7	-0.9%
2.5%	73.6	73.0	-0.6	-0.8%
3.7%	73.1	72.8	-0.3	-0.4%
4.9%	72.8	72.5	-0.3	-0.4%
6.2%	72.7	72.2	-0.5	-0.7%
7.4%	72.7	72.2	-0.5	-0.7%
8.6%	72.6	72.2	-0.4	-0.6%
9.9%	72.2	72.2	0.0	0.0%
11.1%	72.2	72.1	-0.1	-0.1%
12.3%	72.1	72.1	0.0	0.0%
13.6%	72.0	72.0	0.0	0.0%
14.8%	71.9	71.8	-0.1	-0.1%
16.0%	71.9	71.8	-0.1	-0.1%
17.3%	71.9	71.6	-0.3	-0.4%
18.5%	71.5	71.5	0.0	0.0%
19.8%	71.3	71.2	-0.1	-0.1%
21.0%	70.9	71.1	0.2	0.3%
22.2%	70.5	71.1	0.6	0.9%
23.5%	70.2	70.7	0.5	0.7%
24.7%	70.1	70.7	0.6	0.9%
25.9%	70.0	70.5	0.5	0.7%
27.2%	69.9	70.2	0.3	0.4%
28.4%	69.7	70.1	0.4	0.6%
29.6%	69.5	69.9	0.4	0.6%
30.9%	69.3	69.8	0.5	0.7%
32.1%	69.3	69.6	0.3	0.4%
33.3%	69.3	69.5	0.2	0.3%
34.6%	69.1	69.4	0.3	0.4%
35.8%	69.0	69.4	0.4	0.6%
37.0%	69.0	69.3	0.3	0.4%
38.3%	68.9	69.2	0.3	0.4%
39.5%	68.7	69.0	0.3	0.4%
40.7%	68.6	69.0	0.4	0.6%
42.0%	68.6	68.9	0.3	0.4%
43.2%	68.6	68.7	0.1	0.1%
44.4%	68.3	68.6	0.3	0.4%
45.7%	68.1	68.6	0.5	0.7%
46.9%	68.1	68.4	0.3	0.4%
48.1%	68.0	68.2	0.2	0.3%
49.4%	67.9	68.1	0.2	0.3%
50.6%	67.8	68.1	0.3	0.4%
51.9%	67.8	67.9	0.1	0.1%
53.1%	67.7	67.9	0.2	0.3%
54.3%	67.4	67.8	0.4	0.6%
55.6%	67.3	67.5	0.2	0.3%
56.8%	67.3	67.5	0.2	0.3%
58.0%	67.2	67.5	0.3	0.4%
59.3%	67.2	67.3	0.1	0.1%
60.5%	66.7	67.2	0.5	0.7%
61.7%	66.6	67.1	0.5	0.8%
63.0%	66.4	66.4	0.0	0.0%
64.2%	66.4	66.4	0.0	0.0%
65.4%	66.3	66.3	0.0	0.0%
66.7%	66.2	66.2	0.0	0.0%
67.9%	66.0	66.0	0.0	0.0%
69.1%	65.9	65.9	0.0	0.0%
70.4%	65.9	65.9	0.0	0.0%
71.6%	65.9	65.8	-0.1	-0.2%
72.8%	65.7	65.7	0.0	0.0%
74.1%	65.6	65.6	0.0	0.0%
75.3%	65.6	65.6	0.0	0.0%
76.5%	65.6	65.6	0.0	0.0%
77.8%	65.4	65.4	0.0	0.0%
79.0%	65.1	65.1	0.0	0.0%
80.2%	64.7	64.7	0.0	0.0%
81.5%	64.6	64.6	0.0	0.0%
82.7%	64.6	64.6	0.0	0.0%
84.0%	64.6	64.6	0.0	0.0%
85.2%	64.4	64.4	0.0	0.0%
86.4%	64.3	64.3	0.0	0.0%
87.7%	64.3	64.3	0.0	0.0%
88.9%	64.2	64.2	0.0	0.0%
90.1%	64.1	64.1	0.0	0.0%
91.4%	64.0	64.0	0.0	0.0%
92.6%	63.9	63.9	0.0	0.0%
93.8%	63.9	63.9	0.0	0.0%
95.1%	63.7	63.6	-0.1	-0.2%
96.3%	63.5	63.5	0.0	0.0%
97.5%	63.3	63.3	0.0	0.0%
98.8%	62.9	62.9	0.0	0.0%
100.0%	62.9	62.9	0.0	0.0%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	78.0	77.7	-0.3	-0.4%
1.2%	77.5	75.6	-1.9	-2.5%
2.5%	74.9	74.9	0.0	0.0%
3.7%	74.5	74.6	0.1	0.1%
4.9%	74.5	74.4	-0.1	-0.1%
6.2%	73.1	73.8	0.7	1.0%
7.4%	72.9	73.5	0.6	0.8%
8.6%	72.7	73.3	0.6	0.8%
9.9%	72.2	73.0	0.8	1.1%
11.1%	72.1	72.2	0.1	0.1%
12.3%	71.9	72.1	0.2	0.3%
13.6%	71.8	72.0	0.2	0.3%
14.8%	71.8	71.9	0.1	0.1%
16.0%	71.6	71.8	0.2	0.3%
17.3%	71.4	71.8	0.4	0.6%
18.5%	71.4	71.7	0.3	0.4%
19.8%	71.3	71.5	0.2	0.3%
21.0%	71.1	71.3	0.2	0.3%
22.2%	71.0	71.3	0.3	0.4%
23.5%	70.7	71.1	0.4	0.6%
24.7%	70.6	71.1	0.5	0.7%
25.9%	70.6	71.0	0.4	0.6%
27.2%	70.4	70.9	0.5	0.7%
28.4%	70.3	70.9	0.6	0.9%
29.6%	70.2	70.8	0.6	0.9%
30.9%	70.2	70.8	0.6	0.9%
32.1%	70.2	70.6	0.4	0.6%
33.3%	70.2	70.5	0.3	0.4%
34.6%	70.1	70.5	0.4	0.6%
35.8%	69.9	70.4	0.5	0.7%
37.0%	69.8	70.2	0.4	0.6%
38.3%	69.7	70.2	0.5	0.7%
39.5%	69.7	70.1	0.4	0.6%
40.7%	69.5	70.1	0.6	0.9%
42.0%	69.4	70.1	0.7	1.0%
43.2%	69.4	69.9	0.5	0.7%
44.4%	69.3	69.9	0.6	0.9%
45.7%	69.3	69.8	0.5	0.7%
46.9%	69.3	69.7	0.4	0.6%
48.1%	69.1	69.6	0.5	0.7%
49.4%	69.0	69.5	0.5	0.7%
50.6%	68.9	69.5	0.6	0.9%
51.9%	68.9	69.4	0.5	0.7%
53.1%	68.9	69.4	0.5	0.7%
54.3%	68.8	69.2	0.4	0.6%
55.6%	68.8	69.1	0.3	0.4%
56.8%	68.7	69.1	0.4	0.6%
58.0%	68.7	69.0	0.3	0.4%
59.3%	68.7	68.9	0.2	0.3%
60.5%	68.7	68.7	0.0	0.0%
61.7%	68.6	68.7	0.1	0.1%
63.0%	68.6	68.7	0.1	0.1%
64.2%	68.6	68.6	0.0	0.0%
65.4%	68.6	68.6	0.0	0.0%
66.7%	68.6	68.6	0.0	0.0%
67.9%	68.4	68.6	0.2	0.3%
69.1%	68.4	68.5	0.1	0.1%
70.4%	68.3	68.4	0.1	0.1%
71.6%	68.3	68.4	0.1	0.1%
72.8%	68.2	68.3	0.1	0.1%
74.1%	68.2	68.3	0.1	0.1%
75.3%	68.1	68.3	0.2	0.3%
76.5%	68.1	68.2	0.1	0.1%
77.8%	68.1	68.2	0.1	0.1%
79.0%	68.0	68.2	0.2	0.3%
80.2%	68.0	68.2	0.2	0.3%
81.5%	68.0	68.0	0.0	0.0%
82.7%	68.0	68.0	0.0	0.0%
84.0%	68.0	68.0	0.0	0.0%
85.2%	67.9	67.9	0.0	0.0%
86.4%	67.9	67.9	0.0	0.0%
87.7%	67.9	67.9	0.0	0.0%
88.9%	67.9	67.8	-0.1	-0.1%
90.1%	67.8	67.8	0.0	0.0%
91.4%	67.8	67.7	-0.1	-0.1%
92.6%	67.8	67.7	-0.1	-0.1%
93.8%	67.6	67.7	0.1	0.1%
95.1%	67.5	67.5	0.0	0.0%
96.3%	67.5	67.3	-0.2	-0.3%
97.5%	67.5	67.2	-0.3	-0.4%
98.8%	66.9	66.7	-0.2	-0.3%
100.0%	66.9	66.7	-0.2	-0.3%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	75.5	75.5	0.0	0.0%
1.2%	74.7	74.7	0.0	0.0%
2.5%	74.4	74.2	-0.2	-0.3%
3.7%	74.1	73.7	-0.4	-0.5%
4.9%	73.9	73.7	-0.2	-0.3%
6.2%	73.8	73.3	-0.5	-0.7%
7.4%	73.6	73.3	-0.3	-0.4%
8.6%	73.5	73.1	-0.4	-0.5%
9.9%	73.0	73.1	0.1	0.1%
11.1%	73.0	72.8	-0.2	-0.3%
12.3%	72.9	72.6	-0.3	-0.4%
13.6%	72.5	72.5	0.0	0.0%
14.8%	72.4	72.4	0.0	0.0%
16.0%	72.2	72.0	-0.2	-0.3%
17.3%	72.2	72.0	-0.2	-0.3%
18.5%	72.2	71.7	-0.5	-0.7%
19.8%	72.0	71.6	-0.4	-0.6%
21.0%	72.0	71.6	-0.4	-0.6%
22.2%	71.9	71.5	-0.4	-0.6%
23.5%	71.9	71.5	-0.4	-0.6%
24.7%	71.9	71.2	-0.7	-1.0%
25.9%	71.8	71.2	-0.6	-0.8%
27.2%	71.7	70.9	-0.8	-1.1%
28.4%	71.6	70.8	-0.8	-1.1%
29.6%	71.6	70.8	-0.8	-1.1%
30.9%	71.4	70.7	-0.7	-1.0%
32.1%	71.4	70.7	-0.7	-1.0%
33.3%	71.3	70.7	-0.6	-0.8%
34.6%	71.3	70.6	-0.7	-1.0%
35.8%	71.1	70.5	-0.6	-0.8%
37.0%	71.0	70.5	-0.5	-0.7%
38.3%	70.9	70.4	-0.5	-0.7%
39.5%	70.7	70.4	-0.3	-0.4%
40.7%	70.5	70.4	-0.1	-0.1%
42.0%	70.1	70.4	0.3	0.4%
43.2%	70.1	70.3	0.2	0.3%
44.4%	70.1	70.2	0.1	0.1%
45.7%	70.0	70.2	0.2	0.3%
46.9%	70.0	70.2	0.2	0.3%
48.1%	69.9	70.1	0.2	0.3%
49.4%	69.7	70.1	0.4	0.6%
50.6%	69.7	70.1	0.4	0.6%
51.9%	69.7	70.1	0.4	0.6%
53.1%	69.7	69.9	0.2	0.3%
54.3%	69.6	69.8	0.2	0.3%
55.6%	69.6	69.7	0.1	0.1%
56.8%	69.6	69.7	0.1	0.1%
58.0%	69.5	69.5	0.0	0.0%
59.3%	69.4	69.5	0.1	0.1%
60.5%	69.4	69.4	0.0	0.0%
61.7%	69.4	69.4	0.0	0.0%
63.0%	69.4	69.3	-0.1	-0.1%
64.2%	69.4	69.3	-0.1	-0.1%
65.4%	69.3	69.3	0.0	0.0%
66.7%	69.3	69.2	-0.1	-0.1%
67.9%	69.3	69.2	-0.1	-0.1%
69.1%	69.2	69.2	0.0	0.0%
70.4%	68.9	69.1	0.2	0.3%
71.6%	68.9	69.1	0.2	0.3%
72.8%	68.9	69.0	0.1	0.1%
74.1%	68.7	69.0	0.3	0.4%
75.3%	68.7	68.9	0.2	0.3%
76.5%	68.5	68.8	0.3	0.4%
77.8%	68.5	68.7	0.2	0.3%
79.0%	68.4	68.6	0.2	0.3%
80.2%	68.4	68.6	0.2	0.3%
81.5%	68.2	68.5	0.3	0.4%
82.7%	68.2	68.5	0.3	0.4%
84.0%	68.2	68.3	0.1	0.1%
85.2%	68.1	68.2	0.1	0.1%
86.4%	68.1	68.1	0.0	0.0%
87.7%	68.0	68.1	0.1	0.1%
88.9%	68.0	68.1	0.1	0.1%
90.1%	67.8	68.1	0.3	0.4%
91.4%	67.8	68.0	0.2	0.3%
92.6%	67.8	67.9	0.1	0.1%
93.8%	67.8	67.8	0.0	0.0%
95.1%	67.6	67.8	0.2	0.3%
96.3%	67.4	67.4	0.0	0.0%
97.5%	67.3	67.3	0.0	0.0%
98.8%	67.0	67.2	0.2	0.3%
100.0%	67.0	67.2	0.2	0.3%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	71.2	70.8	-0.4	-0.6%
1.2%	71.1	70.7	-0.4	-0.6%
2.5%	70.9	70.4	-0.5	-0.7%
3.7%	70.6	70.1	-0.5	-0.7%
4.9%	70.3	70.1	-0.2	-0.3%
6.2%	70.2	70.0	-0.2	-0.3%
7.4%	70.1	69.8	-0.3	-0.4%
8.6%	70.0	69.8	-0.2	-0.3%
9.9%	69.8	69.7	-0.1	-0.1%
11.1%	69.7	69.6	-0.1	-0.1%
12.3%	69.6	69.6	0.0	0.0%
13.6%	69.6	69.6	0.0	0.0%
14.8%	69.5	69.3	-0.2	-0.3%
16.0%	69.1	69.2	0.1	0.1%
17.3%	69.1	69.2	0.1	0.1%
18.5%	69.0	69.0	0.0	0.0%
19.8%	69.0	69.0	0.0	0.0%
21.0%	69.0	69.0	0.0	0.0%
22.2%	68.9	68.9	0.0	0.0%
23.5%	68.7	68.7	0.0	0.0%
24.7%	68.7	68.5	-0.2	-0.3%
25.9%	68.7	68.4	-0.3	-0.4%
27.2%	68.7	68.4	-0.3	-0.4%
28.4%	68.6	68.4	-0.2	-0.3%
29.6%	68.5	68.4	-0.1	-0.1%
30.9%	68.5	68.2	-0.3	-0.4%
32.1%	68.4	68.2	-0.2	-0.3%
33.3%	68.4	68.1	-0.3	-0.4%
34.6%	68.3	68.1	-0.2	-0.3%
35.8%	68.1	68.1	0.0	0.0%
37.0%	68.0	68.1	0.1	0.1%
38.3%	68.0	68.1	0.1	0.1%
39.5%	67.9	68.1	0.2	0.3%
40.7%	67.8	67.9	0.1	0.1%
42.0%	67.7	67.7	0.0	0.0%
43.2%	67.6	67.5	-0.1	-0.1%
44.4%	67.5	67.5	0.0	0.0%
45.7%	67.4	67.5	0.1	0.1%
46.9%	67.3	67.3	0.0	0.0%
48.1%	67.2	67.2	0.0	0.0%
49.4%	67.1	67.2	0.1	0.1%
50.6%	67.1	67.2	0.1	0.1%
51.9%	67.0	67.2	0.2	0.3%
53.1%	67.0	67.0	0.0	0.0%
54.3%	67.0	67.0	0.0	0.0%
55.6%	66.9	66.9	0.0	0.0%
56.8%	66.9	66.9	0.0	0.0%
58.0%	66.9	66.9	0.0	0.0%
59.3%	66.8	66.9	0.1	0.1%
60.5%	66.8	66.9	0.1	0.1%
61.7%	66.8	66.9	0.1	0.1%
63.0%	66.7	66.8	0.1	0.1%
64.2%	66.7	66.8	0.1	0.1%
65.4%	66.7	66.8	0.1	0.1%
66.7%	66.7	66.8	0.1	0.1%
67.9%	66.6	66.8	0.2	0.3%
69.1%	66.6	66.7	0.1	0.2%
70.4%	66.6	66.6	0.0	0.0%
71.6%	66.6	66.6	0.0	0.0%
72.8%	66.5	66.6	0.1	0.2%
74.1%	66.5	66.5	0.0	0.0%
75.3%	66.5	66.5	0.0	0.0%
76.5%	66.5	66.5	0.0	0.0%
77.8%	66.4	66.4	0.0	0.0%
79.0%	66.4	66.4	0.0	0.0%
80.2%	66.4	66.3	-0.1	-0.2%
81.5%	66.2	66.3	0.1	0.2%
82.7%	66.2	66.3	0.1	0.2%
84.0%	66.1	66.2	0.1	0.2%
85.2%	66.0	66.1	0.1	0.2%
86.4%	65.9	66.0	0.1	0.2%
87.7%	65.8	65.9	0.1	0.2%
88.9%	65.8	65.8	0.0	0.0%
90.1%	65.6	65.8	0.2	0.3%
91.4%	65.4	65.8	0.4	0.6%
92.6%	65.4	65.8	0.4	0.6%
93.8%	65.3	65.8	0.5	0.8%
95.1%	65.3	65.6	0.3	0.5%
96.3%	65.2	65.2	0.0	0.0%
97.5%	64.9	65.2	0.3	0.5%
98.8%	64.4	65.1	0.7	1.1%
100.0%	64.4	65.1	0.7	1.1%

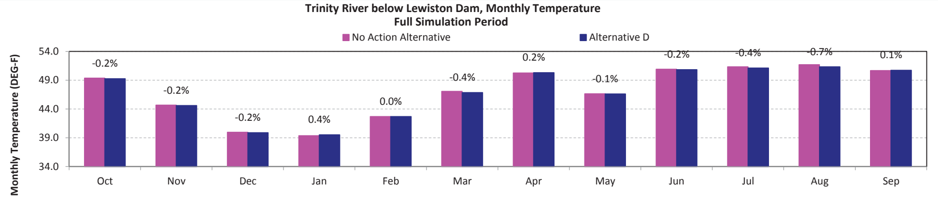
Table SQ-33-9a
Trinity River below Lewiston Dam, Monthly Temperature
Long-term Average and Average by Water Year Type

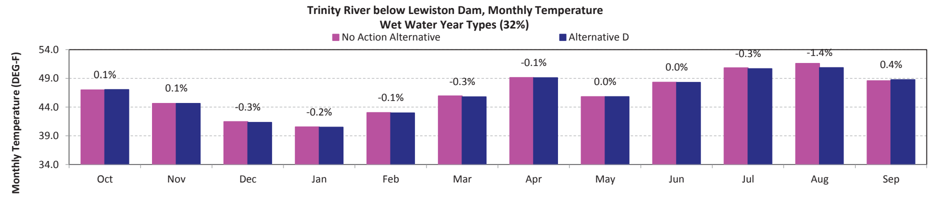
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	49.4	44.7	40.0	39.4	42.7	47.0	50.2	46.6	50.9	51.3	51.7	50.7
Alternative D	49.3	44.6	39.9	39.5	42.7	46.9	50.3	46.6	50.8	51.1	51.3	50.7
Difference	-0.1	-0.1	-0.1	0.2	0.0	-0.2	0.1	0.0	-0.1	-0.2	-0.4	0.1
Percent Difference[3]	-0.2%	-0.2%	-0.2%	0.4%	0.0%	-0.4%	0.2%	-0.1%	-0.2%	-0.4%	-0.7%	0.1%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	47.0	44.6	41.5	40.6	43.0	45.9	49.1	45.8	48.3	50.8	51.6	48.6
Alternative D	47.0	44.6	41.3	40.5	43.0	45.8	49.1	45.8	48.3	50.7	50.9	48.8
Difference	0.1	0.0	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.0	-0.2	-0.7	0.2
Percent Difference	0.1%	0.1%	-0.3%	-0.2%	-0.1%	-0.3%	-0.1%	0.0%	0.0%	-0.3%	-1.4%	0.4%
Above Normal (15%)												
No Action Alternative	48.2	43.3	40.2	38.6	42.6	47.3	49.9	45.9	50.6	51.6	50.9	48.8
Alternative D	47.7	43.2	39.8	38.8	42.6	47.2	50.0	45.9	50.5	51.2	49.6	49.4
Difference	-0.5	-0.1	-0.4	0.1	0.0	-0.1	0.1	-0.1	-0.1	-0.4	-1.3	0.6
Percent Difference	-1.1%	-0.2%	-1.1%	0.3%	0.0%	-0.2%	0.2%	-0.2%	-0.2%	-0.8%	-2.5%	1.3%
Below Normal (17%)												
No Action Alternative	50.2	44.7	39.0	38.7	41.9	46.8	51.1	46.4	51.3	52.0	52.0	51.3
Alternative D	50.2	44.7	39.1	38.8	41.9	46.7	51.6	46.5	51.3	51.6	52.2	51.5
Difference	0.0	0.0	0.2	0.1	0.0	-0.2	0.5	0.0	0.0	-0.3	0.1	0.2
Percent Difference	-0.1%	0.1%	0.4%	0.3%	0.0%	-0.4%	1.0%	0.1%	0.0%	-0.6%	0.3%	0.4%
Dry (22%)												
No Action Alternative	49.5	45.0	39.6	38.4	42.4	47.9	51.4	46.7	51.9	50.7	50.1	50.3
Alternative D	49.7	44.7	39.4	39.0	42.4	47.6	51.1	46.6	51.7	50.5	50.5	50.4
Difference	0.2	-0.2	-0.2	0.6	0.0	-0.4	-0.2	-0.1	-0.2	-0.3	0.4	0.1
Percent Difference	0.4%	-0.5%	-0.4%	1.5%	0.1%	-0.8%	-0.4%	-0.2%	-0.5%	-0.5%	0.8%	0.2%
Critical (15%)												
No Action Alternative	54.5	45.7	38.2	39.4	43.1	48.0	50.2	49.3	55.5	52.5	54.4	56.6
Alternative D	53.8	45.5	38.4	39.7	43.2	47.8	50.4	49.2	55.3	52.6	53.9	55.6
Difference	-0.7	-0.2	0.1	0.2	0.1	-0.2	0.2	-0.1	-0.2	0.1	-0.5	-1.0
Percent Difference	-1.3%	-0.5%	0.3%	0.6%	0.2%	-0.3%	0.4%	-0.2%	-0.3%	0.2%	-0.9%	-1.8%

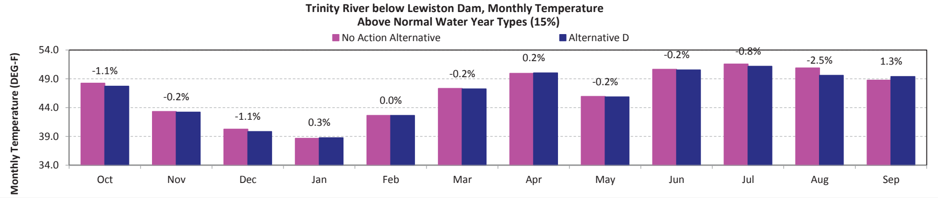
1 Based on the 82-year simulation period

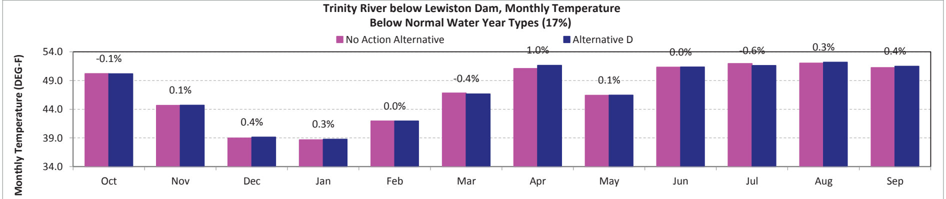
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

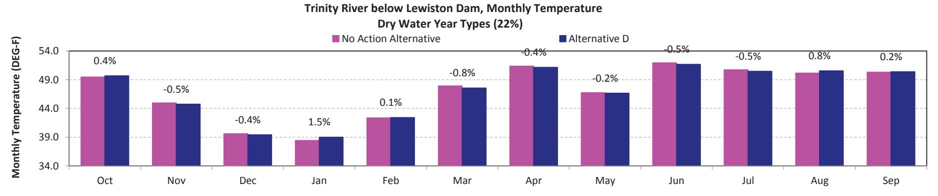
3 Relative difference of the monthly average


Trinity River below Lewiston Dam, Monthly Temperature
Full Simulation Period


Trinity River below Lewiston Dam, Monthly Temperature
Wet Water Year Types (32%)


Trinity River below Lewiston Dam, Monthly Temperature
Above Normal Water Year Types (15%)


Trinity River below Lewiston Dam, Monthly Temperature
Below Normal Water Year Types (17%)


Trinity River below Lewiston Dam, Monthly Temperature
Dry Water Year Types (22%)

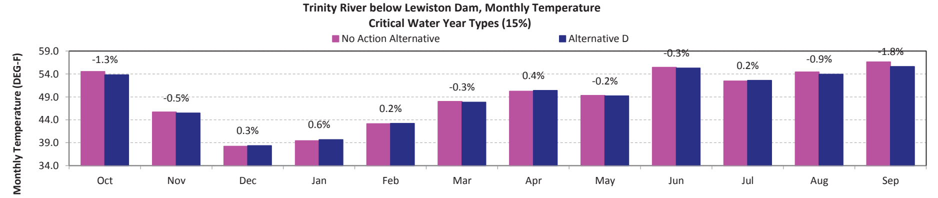

Trinity River below Lewiston Dam, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-33-9b
Trinity River below Lewiston Dam, Monthly Temperature
Probability of Exceedance

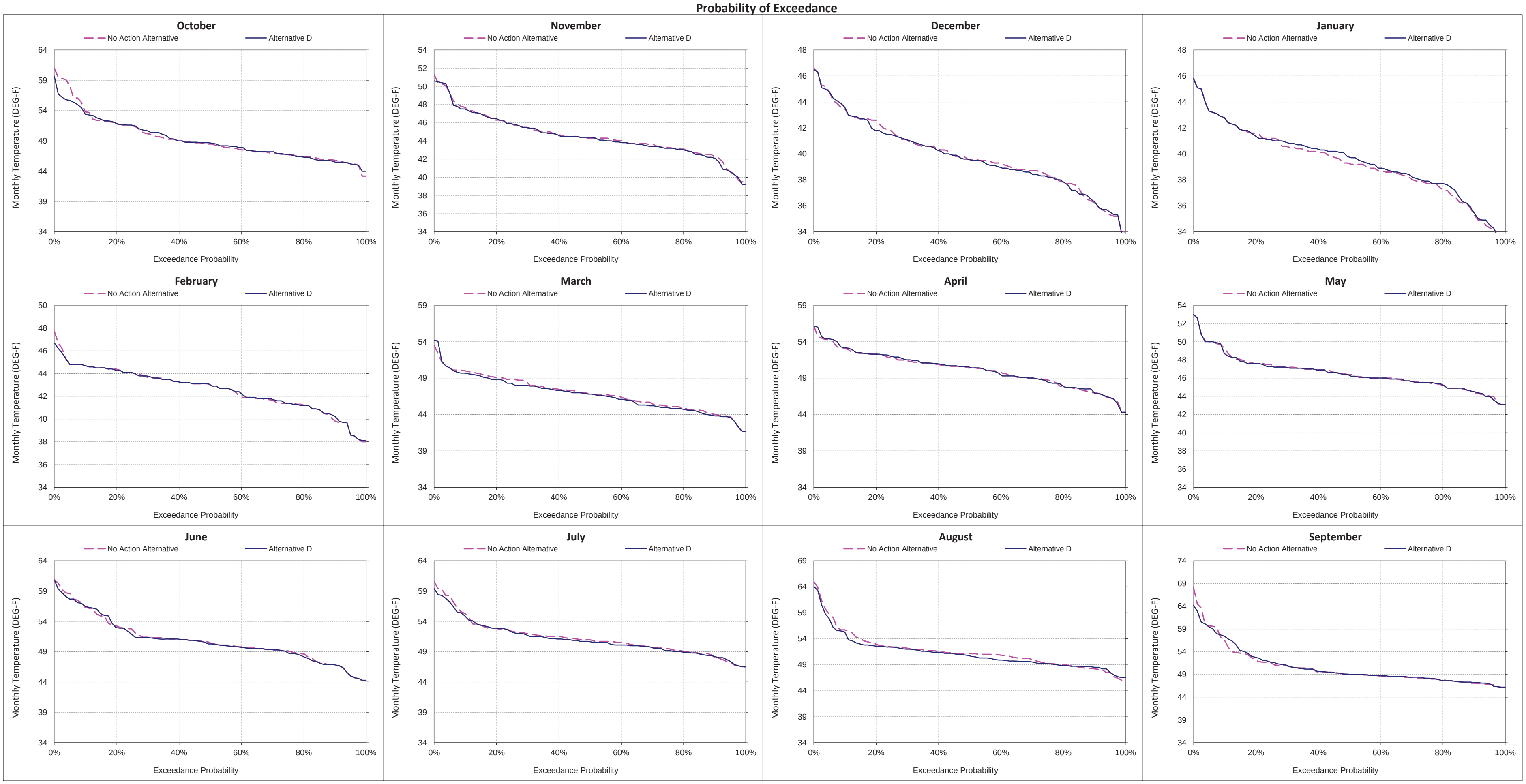


Table SQ-33-9b

Trinity River below Lewiston Dam, Monthly Temperature
Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	61.0	59.6	-1.4	-2.3%
1.2%	59.5	56.7	-2.8	-4.7%
2.5%	59.3	56.2	-3.1	-5.2%
3.7%	59.1	55.8	-3.3	-5.6%
4.9%	58.1	55.7	-2.4	-4.1%
6.2%	56.1	55.4	-0.7	-1.2%
7.4%	56.1	55.0	-1.1	-2.0%
8.6%	55.4	54.5	-0.9	-1.6%
9.9%	53.8	53.4	-0.4	-0.7%
11.1%	53.7	53.3	-0.4	-0.7%
12.3%	52.6	53.2	0.6	1.1%
13.6%	52.4	52.8	0.4	0.8%
14.8%	52.4	52.6	0.2	0.4%
16.0%	52.3	52.3	0.0	0.0%
17.3%	52.2	52.3	0.1	0.2%
18.5%	52.1	52.2	0.1	0.2%
19.8%	51.8	51.9	0.1	0.2%
21.0%	51.7	51.7	0.0	0.0%
22.2%	51.6	51.7	0.1	0.2%
23.5%	51.6	51.6	0.0	0.0%
24.7%	51.5	51.6	0.1	0.2%
25.9%	51.4	51.5	0.1	0.2%
27.2%	50.9	51.0	0.1	0.2%
28.4%	50.4	50.8	0.4	0.8%
29.6%	50.2	50.7	0.5	1.0%
30.9%	50.1	50.4	0.3	0.6%
32.1%	49.8	50.4	0.6	1.2%
33.3%	49.7	50.4	0.7	1.4%
34.6%	49.6	50.1	0.5	1.0%
35.8%	49.3	49.9	0.6	1.2%
37.0%	49.3	49.4	0.1	0.2%
38.3%	49.3	49.3	0.0	0.0%
39.5%	49.1	49.0	-0.1	-0.2%
40.7%	49.0	49.0	0.0	0.0%
42.0%	48.9	48.8	-0.1	-0.2%
43.2%	48.9	48.8	-0.1	-0.2%
44.4%	48.7	48.8	0.1	0.2%
45.7%	48.7	48.8	0.1	0.2%
46.9%	48.7	48.7	0.0	0.0%
48.1%	48.5	48.7	0.2	0.4%
49.4%	48.5	48.7	0.2	0.4%
50.6%	48.5	48.6	0.1	0.2%
51.9%	48.2	48.5	0.3	0.6%
53.1%	48.2	48.2	0.0	0.0%
54.3%	48.0	48.2	0.2	0.4%
55.6%	47.9	48.2	0.3	0.6%
56.8%	47.8	48.1	0.3	0.6%
58.0%	47.8	48.1	0.3	0.6%
59.3%	47.6	47.9	0.3	0.6%
60.5%	47.5	47.9	0.4	0.8%
61.7%	47.5	47.4	-0.1	-0.2%
63.0%	47.4	47.4	0.0	0.0%
64.2%	47.2	47.3	0.1	0.2%
65.4%	47.2	47.3	0.1	0.2%
66.7%	47.2	47.2	0.0	0.0%
67.9%	47.2	47.2	0.0	0.0%
69.1%	47.0	47.2	0.2	0.4%
70.4%	46.9	47.2	0.3	0.6%
71.6%	46.9	46.9	0.0	0.0%
72.8%	46.8	46.9	0.1	0.2%
74.1%	46.8	46.8	0.0	0.0%
75.3%	46.7	46.8	0.1	0.2%
76.5%	46.7	46.6	-0.1	-0.2%
77.8%	46.5	46.4	-0.1	-0.2%
79.0%	46.4	46.4	0.0	0.0%
80.2%	46.4	46.3	-0.1	-0.2%
81.5%	46.4	46.3	-0.1	-0.2%
82.7%	46.3	46.1	-0.2	-0.4%
84.0%	46.2	45.9	-0.3	-0.6%
85.2%	46.0	45.8	-0.2	-0.4%
86.4%	46.0	45.8	-0.2	-0.4%
87.7%	45.9	45.8	-0.1	-0.2%
88.9%	45.9	45.7	-0.2	-0.4%
90.1%	45.8	45.5	-0.3	-0.7%
91.4%	45.8	45.5	-0.3	-0.7%
92.6%	45.5	45.5	0.0	0.0%
93.8%	45.4	45.4	0.0	0.0%
95.1%	45.3	45.2	-0.1	-0.2%
96.3%	45.2	45.1	-0.1	-0.2%
97.5%	45.0	45.0	0.0	0.0%
98.8%	43.2	44.0	0.8	1.9%
100.0%	43.2	44.0	0.8	1.9%

November				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	51.3	50.6	-0.7	-1.4%
1.2%	50.4	50.5	0.1	0.2%
2.5%	50.3	50.4	0.1	0.2%
3.7%	50.1	50.3	0.2	0.4%
4.9%	49.3	49.3	0.0	0.0%
6.2%	48.4	47.9	-0.5	-1.0%
7.4%	48.1	47.8	-0.3	-0.6%
8.6%	47.8	47.5	-0.3	-0.6%
9.9%	47.7	47.5	-0.2	-0.4%
11.1%	47.4	47.3	-0.1	-0.2%
12.3%	47.3	47.1	-0.2	-0.4%
13.6%	47.0	47.1	0.1	0.2%
14.8%	47.0	47.0	0.0	0.0%
16.0%	46.9	46.8	-0.1	-0.2%
17.3%	46.7	46.6	-0.1	-0.2%
18.5%	46.4	46.5	0.1	0.2%
19.8%	46.3	46.5	0.2	0.4%
21.0%	46.3	46.3	0.0	0.0%
22.2%	46.2	46.3	0.1	0.2%
23.5%	46.0	45.9	-0.1	-0.2%
24.7%	45.9	45.9	0.0	0.0%
25.9%	45.7	45.8	0.1	0.2%
27.2%	45.7	45.7	0.0	0.0%
28.4%	45.5	45.5	0.0	0.0%
29.6%	45.5	45.5	0.0	0.0%
30.9%	45.3	45.4	0.1	0.2%
32.1%	45.2	45.4	0.2	0.4%
33.3%	45.1	45.2	0.1	0.2%
34.6%	45.0	44.9	-0.1	-0.2%
35.8%	45.0	44.9	-0.1	-0.2%
37.0%	45.0	44.8	-0.2	-0.4%
38.3%	44.8	44.8	0.0	0.0%
39.5%	44.8	44.7	-0.1	-0.2%
40.7%	44.6	44.5	-0.1	-0.2%
42.0%	44.5	44.5	0.0	0.0%
43.2%	44.5	44.5	0.0	0.0%
44.4%	44.5	44.5	0.0	0.0%
45.7%	44.5	44.5	0.0	0.0%
46.9%	44.4	44.4	0.0	0.0%
48.1%	44.4	44.4	0.0	0.0%
49.4%	44.3	44.4	0.1	0.2%
50.6%	44.3	44.4	0.1	0.2%
51.9%	44.3	44.3	0.0	0.0%
53.1%	44.3	44.1	-0.2	-0.5%
54.3%	44.3	44.1	-0.2	-0.5%
55.6%	44.3	44.0	-0.3	-0.7%
56.8%	44.1	44.0	-0.1	-0.2%
58.0%	44.1	43.9	-0.2	-0.5%
59.3%	44.0	43.9	-0.1	-0.2%
60.5%	44.0	43.8	-0.2	-0.5%
61.7%	43.8	43.8	0.0	0.0%
63.0%	43.7	43.7	0.0	0.0%
64.2%	43.7	43.7	0.0	0.0%
65.4%	43.7	43.6	-0.1	-0.2%
66.7%	43.7	43.6	-0.1	-0.2%
67.9%	43.7	43.5	-0.2	-0.5%
69.1%	43.6	43.4	-0.2	-0.5%
70.4%	43.6	43.4	-0.2	-0.5%
71.6%	43.4	43.4	0.0	0.0%
72.8%	43.4	43.3	-0.1	-0.2%
74.1%	43.3	43.2	-0.1	-0.2%
75.3%	43.3	43.2	-0.1	-0.2%
76.5%	43.2	43.2	0.0	0.0%
77.8%	43.2	43.1	-0.1	-0.2%
79.0%	43.1	43.1	0.0	0.0%
80.2%	43.1	43.0	-0.1	-0.2%
81.5%	42.9	42.9	0.0	0.0%
82.7%	42.7	42.8	0.1	0.2%
84.0%	42.7	42.5	-0.2	-0.5%
85.2%	42.6	42.5	-0.1	-0.2%
86.4%	42.6	42.4	-0.2	-0.5%
87.7%	42.5	42.2	-0.3	-0.7%
88.9%	42.5	42.2	-0.3	-0.7%
90.1%	42.2	42.1	-0.1	-0.2%
91.4%	42.1	41.7	-0.4	-1.0%
92.6%	41.7	40.9	-0.8	-1.9%
93.8%	40.9	40.8	-0.1	-0.2%
95.1%	40.6	40.6	0.0	0.0%
96.3%	40.4	40.3	-0.1	-0.2%
97.5%	39.7	40.0	0.3	0.8%
98.8%	39.5	39.2	-0.3	-0.8%
100.0%	39.5	39.2	-0.3	-0.8%

December				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	46.6	46.5	-0.1	-0.2%
1.2%	46.3	46.3	0.0	0.0%
2.5%	45.3	45.1	-0.2	-0.4%
3.7%	45.2	45.0	-0.2	-0.4%
4.9%	44.8	44.8	0.0	0.0%
6.2%	44.1	44.3	0.2	0.5%
7.4%	43.9	44.1	0.2	0.5%
8.6%	43.6	43.9	0.3	0.7%
9.9%	43.5	43.6	0.1	0.2%
11.1%	43.0	43.0	0.0	0.0%
12.3%	42.8	42.9	0.1	0.2%
13.6%	42.8	42.9	0.1	0.2%
14.8%	42.7	42.7	0.0	0.0%
16.0%	42.7	42.7	0.0	0.0%
17.3%	42.7	42.6	-0.1	-0.2%
18.5%	42.6	42.0	-0.6	-1.4%
19.8%	42.6	41.8	-0.8	-1.9%
21.0%	42.3	41.8	-0.5	-1.2%
22.2%	42.0	41.6	-0.4	-1.0%
23.5%	41.9	41.5	-0.4	-1.0%
24.7%	41.8	41.5	-0.3	-0.7%
25.9%	41.5	41.4	-0.1	-0.2%
27.2%	41.3	41.3	0.0	0.0%
28.4%	41.1	41.2	0.1	0.2%
29.6%	41.1	41.1	0.0	0.0%
30.9%	40.9	41.0	0.1	0.2%
32.1%	40.8	40.9	0.1	0.2%
33.3%	40.7	40.8	0.1	0.2%
34.6%	40.6	40.7	0.1	0.2%
35.8%	40.6	40.6	0.0	0.0%
37.0%	40.6	40.6	0.0	0.0%
38.3%	40.6	40.5	-0.1	-0.2%
39.5%	40.4	40.3	-0.1	-0.2%
40.7%	40.3	40.2	-0.1	-0.2%
42.0%	40.3	40.0	-0.3	-0.7%
43.2%	40.2	40.0	-0.2	-0.5%
44.4%	39.9	39.9	0.0	0.0%
45.7%	39.8	39.9	0.1	0.3%
46.9%	39.8	39.7	-0.1	-0.3%
48.1%	39.8	39.6	-0.2	-0.5%
49.4%	39.6	39.6	0.0	0.0%
50.6%	39.6	39.5	-0.1	-0.3%
51.9%	39.6	39.5	-0.1	-0.3%
53.1%	39.5	39.5	0.0	0.0%
54.3%	39.5	39.4	-0.1	-0.3%
55.6%	39.5	39.2	-0.3	-0.8%
56.8%	39.4	39.1	-0.3	-0.8%
58.0%	39.3	39.1	-0.2	-0.5%
59.3%	39.3	39.0	-0.3	-0.8%
60.5%	39.2	38.9	-0.3	-0.8%
61.7%	39.1	38.9	-0.2	-0.5%
63.0%	39.0	38.8	-0.2	-0.5%
64.2%	38.9	38.8	-0.1	-0.3%
65.4%	38.8	38.7	-0.1	-0.3%
66.7%	38.8	38.7	-0.1	-0.3%
67.9%	38.8	38.6	-0.2	-0.5%
69.1%	38.7	38.6	-0.1	-0.3%
70.4%	38.7	38.4	-0.3	-0.8%
71.6%	38.7	38.4	-0.3	-0.8%
72.8%	38.6	38.3	-0.3	-0.8%
74.1%	38.5	38.3	-0.2	-0.5%
75.3%	38.3	38.2	-0.1	-0.3%
76.5%	38.3	38.2	-0.1	-0.3%
77.8%	38.1	38.0	-0.1	-0.3%
79.0%	37.9	38.0	0.1	0.3%
80.2%	37.8	37.8	0.0	0.0%
81.5%	37.7	37.6	-0.1	-0.3%
82.7%	37.7	37.2	-0.5	-1.3%
84.0%	37.6	37.2	-0.4	-1.1%
85.2%	37.3	36.9	-0.4	-1.1%
86.4%	36.8	36.9	0.1	0.3%
87.7%	36.5	36.8	0.3	0.8%
88.9%	36.4	36.5	0.1	0.3%
90.1%	36.2	36.3	0.1	0.3%
91.4%	35.9	35.9	0.0	0.0%
92.6%	35.7	35.7	0.0	0.0%
93.8%	35.5	35.7	0.2	0.6%
95.1%	35.3	35.5	0.2	0.6%
96.3%	35.2	35.3	0.1	0.3%
97.5%	35.2	35.3	0.1	0.3%
98.8%	34.0	33.9	-0.1	-0.3%
100.0%	34.0	33.9	-0.1	-0.3%

January				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	45.8	45.8	0.0	0.0%
1.2%	45.1	45.1	0.0	0.0%
2.5%	45.0	45.0	0.0	0.0%
3.7%	44.0	44.0	0.0	0.0%
4.9%	43.3	43.3	0.0	0.0%
6.2%	43.2	43.2	0.0	0.0%
7.4%	43.1	43.1	0.0	0.0%
8.6%	42.9	42.9	0.0	0.0%
9.9%	42.8	42.8	0.0	0.0%
11.1%	42.4	42.4	0.0	0.0%
12.3%	42.3	42.3	0.0	0.0%
13.6%	42.2	42.2	0.0	0.0%
14.8%	41.9	41.9	0.0	0.0%
16.0%	41.8	41.8	0.0	0.0%
17.3%	41.7	41.8	0.1	0.2%
18.5%	41.6	41.6	0.0	0.0%
19.8%	41.6	41.4	-0.2	-0.5%
21.0%	41.5	41.2	-0.3	-0.7%
22.2%	41.2	41.2	0.0	0.0%
23.5%	41.2	41.1	-0.1	-0.2%
24.7%	41.2	41.1	-0.1	-0.2%
25.9%	41.2	41.0	-0.2	-0.5%
27.2%	41.1	41.0	-0.1	-0.2%
28.4%	40.6	41.0	0.4	1.0%
29.6%	40.6	40.9	0.3	0.7%
30.9%	40.5	40.8	0.3	0.7%
32.1%	40.5	40.8	0.3	0.7%
33.3%	40.4	40.7	0.3	0.7%
34.6%	40.4	40.7	0.3	0.7%
35.8%	40.3	40.6	0.3	0.7%
37.0%	40.2	40.5	0.3	0.7%
38.3%	40.2	40.4	0.2	0.5%
39.5%	40.2	40.4	0.2	0.5%
40.7%	40.1	40.3	0.2	0.5%
42.0%	40.1	40.3	0.2	0.5%
43.2%	39.9	40.2	0.3	0.8%
44.4%	39.8	40.2	0.4	1.0%
45.7%	39.7	40.2	0.5	1.3%
46.9%	39.6	40.1	0.5	1.3%
48.1%	39.3	40.1	0.8	2.0%
49.4%	39.3	39.8	0.5	1.3%
50.6%	39.2	39.7	0.5	1.3%
51.9%	39.2	39.7	0.5	1.3%
53.1%	39.2	39.5	0.3	0.8%
54.3%	39.2	39.4	0.2	0.5%
55.6%	39.0	39.3	0.3	0.8%
56.8%	38.9	39.2	0.3	0.8%
58.0%	38.9	39.2	0.3	0.8%
59.3%	38.7	38.9	0.2	0.5%
60.5%	38.7	38.9	0.2	0.5%
61.7%	38.6	38.8	0.2	0.5%
63.0%	38.6	38.7	0.1	0.3%
64.2%	38.6	38.6	0.0	0.0%
65.4%	38.5	38.6	0.1	0.3%
66.7%	38.4	38.5	0.1	0.3%
67.9%	38.3	38.5	0.2	0.5%
69.1%	38.2	38.4	0.2	0.5%
70.4%	38.0	38.2	0.2	0.5%
71.6%	37.9	38.1	0.2	0.5%
72.8%	37.9	38.0	0.1	0.3%
74.1%	37.8	37.9	0.1	0.3%
75.3%	37.7	37.9	0.2	0.5%
76.5%	37.7	37.7	0.0	0.0%
77.8%	37.7	37.7	0.0	0.0%
79.0%	37.4	37.7	0.3	0.8%
80.2%	37.2	37.7	0.5	1.3%
81.5%	37.2	37.6	0.4	1.1%
82.7%	36.8	37.4	0.6	1.6%
84.0%	36.7	37.2	0.5	1.4%
85.2%	36.3	36.7	0.4	1.1%
86.4%	36.2	36.3	0.1	0.3%
87.7%	36.2	36.2	0.0	0.0%
88.9%	35.8	35.9	0.1	0.3%
90.1%	35.3	35.4	0.1	0.3%
91.4%	34.9	35.0	0.1	0.3%
92.6%	34.9	34.9	0.0	0.0%
93.8%	34.5	34.9	0.4	1.2%
95.1%	34.3	34.5	0.2	0.6%
96.3%	34.2	34.3	0.1	0.3%
97.5%	33.7	33.7	0.0	0.0%
98.8%	29.5	29.5	0.0	0.0%
100.0%	29.5	29.5	0.0	0.0%

Table SQ-33-9b

Trinity River below Lewiston Dam, Monthly Temperature
Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.7	46.7	-1.0	-2.1%
1.2%	46.7	46.2	-0.5	-1.1%
2.5%	46.2	45.8	-0.4	-0.9%
3.7%	45.3	45.3	0.0	0.0%
4.9%	44.8	44.8	0.0	0.0%
6.2%	44.8	44.8	0.0	0.0%
7.4%	44.8	44.8	0.0	0.0%
8.6%	44.8	44.8	0.0	0.0%
9.9%	44.7	44.7	0.0	0.0%
11.1%	44.6	44.6	0.0	0.0%
12.3%	44.6	44.6	0.0	0.0%
13.6%	44.5	44.5	0.0	0.0%
14.8%	44.5	44.5	0.0	0.0%
16.0%	44.5	44.5	0.0	0.0%
17.3%	44.4	44.4	0.0	0.0%
18.5%	44.4	44.4	0.0	0.0%
19.8%	44.4	44.3	-0.1	-0.2%
21.0%	44.3	44.3	0.0	0.0%
22.2%	44.1	44.1	0.0	0.0%
23.5%	44.1	44.1	0.0	0.0%
24.7%	44.1	44.1	0.0	0.0%
25.9%	44.0	44.0	0.0	0.0%
27.2%	44.0	43.8	-0.2	-0.5%
28.4%	43.8	43.8	0.0	0.0%
29.6%	43.7	43.8	0.1	0.2%
30.9%	43.6	43.7	0.1	0.2%
32.1%	43.6	43.6	0.0	0.0%
33.3%	43.6	43.6	0.0	0.0%
34.6%	43.6	43.5	-0.1	-0.2%
35.8%	43.5	43.5	0.0	0.0%
37.0%	43.5	43.5	0.0	0.0%
38.3%	43.3	43.3	0.0	0.0%
39.5%	43.3	43.3	0.0	0.0%
40.7%	43.2	43.2	0.0	0.0%
42.0%	43.2	43.2	0.0	0.0%
43.2%	43.2	43.2	0.0	0.0%
44.4%	43.1	43.1	0.0	0.0%
45.7%	43.1	43.1	0.0	0.0%
46.9%	43.1	43.1	0.0	0.0%
48.1%	43.1	43.1	0.0	0.0%
49.4%	43.1	43.1	0.0	0.0%
50.6%	42.9	42.9	0.0	0.0%
51.9%	42.9	42.9	0.0	0.0%
53.1%	42.7	42.7	0.0	0.0%
54.3%	42.7	42.7	0.0	0.0%
55.6%	42.7	42.7	0.0	0.0%
56.8%	42.6	42.6	0.0	0.0%
58.0%	42.4	42.4	0.0	0.0%
59.3%	42.0	42.4	0.4	1.0%
60.5%	41.9	42.1	0.2	0.5%
61.7%	41.9	41.9	0.0	0.0%
63.0%	41.9	41.9	0.0	0.0%
64.2%	41.8	41.9	0.1	0.2%
65.4%	41.8	41.8	0.0	0.0%
66.7%	41.8	41.8	0.0	0.0%
67.9%	41.7	41.8	0.1	0.2%
69.1%	41.7	41.8	0.1	0.2%
70.4%	41.6	41.7	0.1	0.2%
71.6%	41.4	41.6	0.2	0.5%
72.8%	41.4	41.6	0.2	0.5%
74.1%	41.4	41.4	0.0	0.0%
75.3%	41.4	41.4	0.0	0.0%
76.5%	41.4	41.3	-0.1	-0.2%
77.8%	41.3	41.3	0.0	0.0%
79.0%	41.3	41.2	-0.1	-0.2%
80.2%	41.2	41.2	0.0	0.0%
81.5%	41.2	41.2	0.0	0.0%
82.7%	40.9	40.9	0.0	0.0%
84.0%	40.9	40.9	0.0	0.0%
85.2%	40.8	40.8	0.0	0.0%
86.4%	40.5	40.5	0.0	0.0%
87.7%	40.4	40.5	0.1	0.2%
88.9%	40.1	40.4	0.3	0.7%
90.1%	39.8	40.2	0.4	1.0%
91.4%	39.7	39.8	0.1	0.3%
92.6%	39.7	39.7	0.0	0.0%
93.8%	39.7	39.7	0.0	0.0%
95.1%	38.6	38.6	0.0	0.0%
96.3%	38.5	38.5	0.0	0.0%
97.5%	38.2	38.2	0.0	0.0%
98.8%	38.0	38.1	0.1	0.3%
100.0%	38.0	38.1	0.1	0.3%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.5	54.2	0.7	1.3%
1.2%	52.4	54.1	1.7	3.2%
2.5%	51.2	51.3	0.1	0.2%
3.7%	50.7	50.7	0.0	0.0%
4.9%	50.4	50.4	0.0	0.0%
6.2%	50.1	50.0	-0.1	-0.2%
7.4%	50.1	49.8	-0.3	-0.6%
8.6%	50.1	49.7	-0.4	-0.8%
9.9%	50.0	49.7	-0.3	-0.6%
11.1%	49.9	49.6	-0.3	-0.6%
12.3%	49.8	49.5	-0.3	-0.6%
13.6%	49.7	49.4	-0.3	-0.6%
14.8%	49.6	49.3	-0.3	-0.6%
16.0%	49.4	49.1	-0.3	-0.6%
17.3%	49.3	49.0	-0.3	-0.6%
18.5%	49.2	48.8	-0.4	-0.8%
19.8%	49.1	48.8	-0.3	-0.6%
21.0%	49.1	48.8	-0.3	-0.6%
22.2%	49.0	48.7	-0.3	-0.6%
23.5%	48.8	48.3	-0.5	-1.0%
24.7%	48.8	48.3	-0.5	-1.0%
25.9%	48.8	48.0	-0.8	-1.6%
27.2%	48.7	48.0	-0.7	-1.4%
28.4%	48.7	48.0	-0.7	-1.4%
29.6%	48.5	48.0	-0.5	-1.0%
30.9%	48.0	47.9	-0.1	-0.2%
32.1%	48.0	47.9	-0.1	-0.2%
33.3%	47.9	47.8	-0.1	-0.2%
34.6%	47.9	47.6	-0.3	-0.6%
35.8%	47.6	47.6	0.0	0.0%
37.0%	47.6	47.5	-0.1	-0.2%
38.3%	47.6	47.4	-0.2	-0.4%
39.5%	47.5	47.3	-0.2	-0.4%
40.7%	47.4	47.3	-0.1	-0.2%
42.0%	47.4	47.2	-0.2	-0.4%
43.2%	47.3	47.2	-0.1	-0.2%
44.4%	47.3	47.0	-0.3	-0.6%
45.7%	47.2	47.0	-0.2	-0.4%
46.9%	47.0	47.0	0.0	0.0%
48.1%	47.0	46.9	-0.1	-0.2%
49.4%	46.9	46.8	-0.1	-0.2%
50.6%	46.8	46.8	0.0	0.0%
51.9%	46.7	46.7	0.0	0.0%
53.1%	46.7	46.6	-0.1	-0.2%
54.3%	46.7	46.6	-0.1	-0.2%
55.6%	46.7	46.5	-0.2	-0.4%
56.8%	46.6	46.4	-0.2	-0.4%
58.0%	46.6	46.3	-0.3	-0.6%
59.3%	46.5	46.1	-0.4	-0.9%
60.5%	46.3	46.1	-0.2	-0.4%
61.7%	46.1	46.0	-0.1	-0.2%
63.0%	46.0	46.0	0.0	0.0%
64.2%	45.9	45.7	-0.2	-0.4%
65.4%	45.8	45.3	-0.5	-1.1%
66.7%	45.7	45.3	-0.4	-0.9%
67.9%	45.7	45.3	-0.4	-0.9%
69.1%	45.7	45.2	-0.5	-1.1%
70.4%	45.4	45.2	-0.2	-0.4%
71.6%	45.3	45.1	-0.2	-0.4%
72.8%	45.3	45.0	-0.3	-0.7%
74.1%	45.2	45.0	-0.2	-0.4%
75.3%	45.1	44.9	-0.2	-0.4%
76.5%	45.1	44.8	-0.3	-0.7%
77.8%	45.1	44.8	-0.3	-0.7%
79.0%	45.0	44.8	-0.2	-0.4%
80.2%	44.9	44.7	-0.2	-0.4%
81.5%	44.7	44.6	-0.1	-0.2%
82.7%	44.7	44.6	-0.1	-0.2%
84.0%	44.7	44.5	-0.2	-0.4%
85.2%	44.6	44.3	-0.3	-0.7%
86.4%	44.5	44.1	-0.4	-0.9%
87.7%	44.2	44.0	-0.2	-0.5%
88.9%	44.1	43.9	-0.2	-0.5%
90.1%	44.0	43.8	-0.2	-0.5%
91.4%	43.9	43.8	-0.1	-0.2%
92.6%	43.8	43.7	-0.1	-0.2%
93.8%	43.8	43.7	-0.1	-0.2%
95.1%	43.7	43.6	-0.1	-0.2%
96.3%	43.1	43.1	0.0	0.0%
97.5%	42.3	42.3	0.0	0.0%
98.8%	41.7	41.7	0.0	0.0%
100.0%	41.7	41.7	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.2	56.2	0.0	0.0%
1.2%	54.7	56.0	1.3	2.4%
2.5%	54.5	54.7	0.2	0.4%
3.7%	54.3	54.4	0.1	0.2%
4.9%	54.3	54.4	0.1	0.2%
6.2%	54.0	54.3	0.3	0.6%
7.4%	53.3	54.0	0.7	1.3%
8.6%	53.2	53.3	0.1	0.2%
9.9%	53.1	53.2	0.1	0.2%
11.1%	52.9	53.1	0.2	0.4%
12.3%	52.5	52.9	0.4	0.8%
13.6%	52.5	52.5	0.0	0.0%
14.8%	52.4	52.5	0.1	0.2%
16.0%	52.4	52.4	0.0	0.0%
17.3%	52.3	52.4	0.1	0.2%
18.5%	52.3	52.3	0.0	0.0%
19.8%	52.3	52.3	0.0	0.0%
21.0%	52.3	52.3	0.0	0.0%
22.2%	52.2	52.2	0.0	0.0%
23.5%	51.9	52.2	0.3	0.6%
24.7%	51.8	52.0	0.2	0.4%
25.9%	51.8	51.9	0.1	0.2%
27.2%	51.5	51.9	0.4	0.8%
28.4%	51.5	51.7	0.2	0.4%
29.6%	51.4	51.5	0.1	0.2%
30.9%	51.3	51.5	0.2	0.4%
32.1%	51.2	51.4	0.2	0.4%
33.3%	51.2	51.4	0.2	0.4%
34.6%	51.1	51.1	0.0	0.0%
35.8%	51.1	51.1	0.0	0.0%
37.0%	51.0	51.1	0.1	0.2%
38.3%	51.0	51.0	0.0	0.0%
39.5%	50.9	51.0	0.1	0.2%
40.7%	50.8	50.9	0.1	0.2%
42.0%	50.7	50.8	0.1	0.2%
43.2%	50.7	50.7	0.0	0.0%
44.4%	50.6	50.7	0.1	0.2%
45.7%	50.6	50.7	0.1	0.2%
46.9%	50.6	50.6	0.0	0.0%
48.1%	50.6	50.6	0.0	0.0%
49.4%	50.4	50.6	0.2	0.4%
50.6%	50.4	50.4	0.0	0.0%
51.9%	50.4	50.4	0.0	0.0%
53.1%	50.3	50.4	0.1	0.2%
54.3%	50.3	50.3	0.0	0.0%
55.6%	50.1	50.0	-0.1	-0.2%
56.8%	50.0	50.0	0.0	0.0%
58.0%	50.0	49.9	-0.1	-0.2%
59.3%	49.9	49.7	-0.2	-0.4%
60.5%	49.7	49.3	-0.4	-0.8%
61.7%	49.6	49.3	-0.3	-0.6%
63.0%	49.3	49.3	0.0	0.0%
64.2%	49.3	49.3	0.0	0.0%
65.4%	49.1	49.2	0.1	0.2%
66.7%	49.1	49.1	0.0	0.0%
67.9%	49.0	49.1	0.1	0.2%
69.1%	49.0	49.0	0.0	0.0%
70.4%	49.0	49.0	0.0	0.0%
71.6%	48.9	48.9	0.0	0.0%
72.8%	48.9	48.8	-0.1	-0.2%
74.1%	48.8	48.7	-0.1	-0.2%
75.3%	48.7	48.4	-0.3	-0.6%
76.5%	48.5	48.3	-0.2	-0.4%
77.8%	48.4	48.3	-0.1	-0.2%
79.0%	47.9	48.2	0.3	0.6%
80.2%	47.8	47.8	0.0	0.0%
81.5%	47.7	47.7	0.0	0.0%
82.7%	47.7	47.7	0.0	0.0%
84.0%	47.5	47.7	0.2	0.4%
85.2%	47.5	47.6	0.1	0.2%
86.4%	47.3	47.5	0.2	0.4%
87.7%	47.2	47.5	0.3	0.6%
88.9%	47.0	47.5	0.5	1.1%
90.1%	47.0	46.9	-0.1	-0.2%
91.4%	46.9	46.9	0.0	0.0%
92.6%	46.7	46.7	0.0	0.0%
93.8%	46.4	46.5	0.1	0.2%
95.1%	46.3	46.3	0.0	0.0%
96.3%	46.1	46.1	0.0	0.0%
97.5%	45.7	45.4	-0.3	-0.7%
98.8%	44.3	44.3	0.0	0.0%
100.0%	44.3	44.3	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.0	53.0	0.0	0.0%
1.2%	52.6	52.6	0.0	0.0%
2.5%	50.8	50.8	0.0	0.0%
3.7%	50.1	50.0	-0.1	-0.2%
4.9%	50.0	50.0	0.0	0.0%
6.2%	50.0	50.0	0.0	0.0%
7.4%	49.8	49.9	0.1	0.2%
8.6%	49.7	49.8	0.1	0.2%
9.9%	49.3	48.7	-0.6	-1.2%
11.1%	48.7	48.4	-0.3	-0.6%
12.3%	48.3	48.3	0.0	0.0%
13.6%	48.1	48.3	0.2	0.4%
14.8%	48.1	47.9	-0.2	-0.4%
16.0%	47.9	47.8	-0.1	-0.2%
17.3%	47.8	47.6	-0.2	-0.4%
18.5%	47.7	47.6	-0.1	-0.2%
19.8%	47.6	47.6	0.0	0.0%
21.0%	47.6	47.6	0.0	0.0%
22.2%	47.6	47.5	-0.1	-0.2%
23.5%	47.5	47.3	-0.2	-0.4%
24.7%	47.5	47.3	-0.2	-0.4%
25.9%	47.3	47.2	-0.1	-0.2%
27.2%	47.3	47.2	-0.1	-0.2%
28.4%	47.3	47.2	-0.1	-0.2%
29.6%	47.2	47.2	0.0	0.0%
30.9%	47.2	47.1	-0.1	-0.2%
32.1%	47.2	47.1	-0.1	-0.2%
33.3%	47.1	47.1	0.0	0.0%
34.6%	47.1	47.1	0.0	0.0%
35.8%	47.0	47.0	0.0	0.0%
37.0%	47.0	47.0	0.0	0.0%
38.3%	47.0	47.0	0.0	0.0%
39.5%	46.9	46.9	0.0	0.0%
40.7%	46.9	46.9	0.0	0.0%
42.0%	46.9	46.9	0.0	0.0%
43.2%	46.9	46.6	-0.3	-0.6%
44.4%	46.7	46.6	-0.1	-0.2%
45.7%	46.6	46.6	0.0	0.0%
46.9%	46.6	46.5	-0.1	-0.2%
48.1%	46.5	46.4	-0.1	-0.2%
49.4%	46.4	46.4	0.0	0.0%
50.6%	46.4	46.2	-0.2	-0.4%
51.9%	46.2	46.2	0.0	0.0%
53.1%	46.2	46.1	-0.1	-0.2%
54.3%	46.1	46.1	0.0	0.0%
55.6%	46.1	46.1	0.0	0.0%
56.8%	46.0	46.0	0.0	0.0%
58.0%	46.0	46.0	0.0	0.0%
59.3%	46.0	46.0	0.0	0.0%
60.5%	46.0	46.0	0.0	0.0%
61.7%	46.0	46.0	0.0	0.0%
63.0%	46.0	45.9	-0.1	-0.2%
64.2%	46.0	45.9	-0.1	-0.2%
65.4%	45.9	45.9	0.0	0.0%
66.7%	45.8	45.9	0.1	0.2%
67.9%	45.7	45.7	0.0	0.0%
69.1%	45.7	45.7	0.0	0.0%
70.4%	45.6	45.6	0.0	0.0%
71.6%	45.6	45.5	-0.1	-0.2%
72.8%	45.6	45.5	-0.1	-0.2%
74.1%	45.5	45.5	0.0	0.0%
75.3%	45.5	45.5	0.0	0.0%
76.5%	45.4	45.5	0.1	0.2%
77.8%	45.4	45.4	0.0	0.0%
79.0%	45.3	45.4	0.1	0.2%
80.2%	45.2	45.2	0.0	0.0%
81.5%	44.9	44.9	0.0	0.0%
82.7%	44.9	44.9	0.0	0.0%
84.0%	44.9	44.9	0.0	0.0%
85.2%	44.9	44.9	0.0	0.0%
86.4%	44.8	44.9	0.1	0.2%
87.7%	44.7	44.7	0.0	0.0%
88.9%	44.6	44.6	0.0	0.0%
90.1%	44.4	44.5	0.1	0.2%
91.4%	44.3	44.4	0.1	0.2%
92.6%	44.2	44.3	0.1	0.2%
93.8%	44.2	44.0	-0.2	-0.5%
95.1%	44.0	44.0	0.0	0.0%
96.3%	44.0	43.6	-0.4	-0.9%
97.5%	43.2	43.3	0.1	0.2%
98.8%	43.1	43.1	0.0	0.0%
100.0%	43.1	43.1	0.0	0.0%

Table SQ-33-9b

Trinity River below Lewiston Dam, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.9	60.8	-0.1	-0.2%
1.2%	60.3	59.3	-1.0	-1.7%
2.5%	59.3	58.7	-0.6	-1.0%
3.7%	58.7	58.1	-0.6	-1.0%
4.9%	58.6	57.7	-0.9	-1.5%
6.2%	57.7	57.7	0.0	0.0%
7.4%	57.5	57.1	-0.4	-0.7%
8.6%	57.1	57.0	-0.1	-0.2%
9.9%	56.3	56.5	0.2	0.4%
11.1%	56.2	56.3	0.1	0.2%
12.3%	56.0	56.2	0.2	0.4%
13.6%	55.2	56.0	0.8	1.4%
14.8%	54.9	55.3	0.4	0.7%
16.0%	54.9	55.0	0.1	0.2%
17.3%	53.7	54.9	1.2	2.2%
18.5%	53.4	53.7	0.3	0.6%
19.8%	53.3	53.0	-0.3	-0.6%
21.0%	53.0	52.9	-0.1	-0.2%
22.2%	52.9	52.9	0.0	0.0%
23.5%	52.8	52.4	-0.4	-0.8%
24.7%	52.8	51.9	-0.9	-1.7%
25.9%	52.1	51.4	-0.7	-1.3%
27.2%	51.7	51.3	-0.4	-0.8%
28.4%	51.4	51.3	-0.1	-0.2%
29.6%	51.4	51.3	-0.1	-0.2%
30.9%	51.4	51.3	-0.1	-0.2%
32.1%	51.3	51.2	-0.1	-0.2%
33.3%	51.3	51.1	-0.2	-0.4%
34.6%	51.3	51.1	-0.2	-0.4%
35.8%	51.2	51.1	-0.1	-0.2%
37.0%	51.1	51.1	0.0	0.0%
38.3%	51.1	51.1	0.0	0.0%
39.5%	51.1	51.1	0.0	0.0%
40.7%	51.0	51.0	0.0	0.0%
42.0%	51.0	51.0	0.0	0.0%
43.2%	50.9	50.9	0.0	0.0%
44.4%	50.9	50.9	0.0	0.0%
45.7%	50.8	50.8	0.0	0.0%
46.9%	50.8	50.7	-0.1	-0.2%
48.1%	50.7	50.6	-0.1	-0.2%
49.4%	50.6	50.3	-0.3	-0.6%
50.6%	50.3	50.3	0.0	0.0%
51.9%	50.3	50.2	-0.1	-0.2%
53.1%	50.1	50.1	0.0	0.0%
54.3%	50.1	50.0	-0.1	-0.2%
55.6%	50.1	50.0	-0.1	-0.2%
56.8%	50.0	49.9	-0.1	-0.2%
58.0%	49.9	49.8	-0.1	-0.2%
59.3%	49.8	49.8	0.0	0.0%
60.5%	49.8	49.7	-0.1	-0.2%
61.7%	49.7	49.6	-0.1	-0.2%
63.0%	49.6	49.5	-0.1	-0.2%
64.2%	49.6	49.5	-0.1	-0.2%
65.4%	49.5	49.5	0.0	0.0%
66.7%	49.5	49.5	0.0	0.0%
67.9%	49.4	49.4	0.0	0.0%
69.1%	49.3	49.4	0.1	0.2%
70.4%	49.3	49.3	0.0	0.0%
71.6%	49.3	49.3	0.0	0.0%
72.8%	49.2	49.2	0.0	0.0%
74.1%	49.2	49.1	-0.1	-0.2%
75.3%	49.1	48.7	-0.4	-0.8%
76.5%	48.9	48.7	-0.2	-0.4%
77.8%	48.8	48.6	-0.2	-0.4%
79.0%	48.7	48.4	-0.3	-0.6%
80.2%	48.6	48.1	-0.5	-1.0%
81.5%	48.1	47.9	-0.2	-0.4%
82.7%	47.9	47.5	-0.4	-0.8%
84.0%	47.4	47.4	0.0	0.0%
85.2%	47.2	47.1	-0.1	-0.2%
86.4%	47.1	46.9	-0.2	-0.4%
87.7%	46.9	46.9	0.0	0.0%
88.9%	46.9	46.9	0.0	0.0%
90.1%	46.8	46.8	0.0	0.0%
91.4%	46.7	46.7	0.0	0.0%
92.6%	46.3	46.4	0.1	0.2%
93.8%	45.6	45.6	0.0	0.0%
95.1%	45.0	45.0	0.0	0.0%
96.3%	44.7	44.7	0.0	0.0%
97.5%	44.6	44.6	0.0	0.0%
98.8%	44.2	44.3	0.1	0.2%
100.0%	44.2	44.3	0.1	0.2%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.6	59.4	-1.2	-2.0%
1.2%	59.4	58.4	-1.0	-1.7%
2.5%	59.3	58.3	-1.0	-1.7%
3.7%	58.3	57.8	-0.5	-0.9%
4.9%	58.3	57.2	-1.1	-1.9%
6.2%	57.2	56.4	-0.8	-1.4%
7.4%	56.2	55.5	-0.7	-1.2%
8.6%	55.6	55.4	-0.2	-0.4%
9.9%	55.3	54.9	-0.4	-0.7%
11.1%	54.7	54.2	-0.5	-0.9%
12.3%	53.6	54.1	0.5	0.9%
13.6%	53.5	53.6	0.1	0.2%
14.8%	53.4	53.4	0.0	0.0%
16.0%	53.1	53.3	0.2	0.4%
17.3%	52.9	53.1	0.2	0.4%
18.5%	52.9	52.9	0.0	0.0%
19.8%	52.9	52.9	0.0	0.0%
21.0%	52.7	52.8	0.1	0.2%
22.2%	52.7	52.8	0.1	0.2%
23.5%	52.7	52.7	0.0	0.0%
24.7%	52.4	52.3	-0.1	-0.2%
25.9%	52.3	52.1	-0.2	-0.4%
27.2%	52.2	52.0	-0.2	-0.4%
28.4%	52.2	52.0	-0.2	-0.4%
29.6%	52.0	51.8	-0.2	-0.4%
30.9%	51.9	51.5	-0.4	-0.8%
32.1%	51.8	51.5	-0.3	-0.6%
33.3%	51.7	51.5	-0.2	-0.4%
34.6%	51.6	51.5	-0.1	-0.2%
35.8%	51.6	51.3	-0.3	-0.6%
37.0%	51.5	51.2	-0.3	-0.6%
38.3%	51.5	51.2	-0.3	-0.6%
39.5%	51.5	51.1	-0.4	-0.8%
40.7%	51.5	51.1	-0.4	-0.8%
42.0%	51.3	51.0	-0.3	-0.6%
43.2%	51.2	51.0	-0.2	-0.4%
44.4%	51.2	50.9	-0.3	-0.6%
45.7%	51.1	50.9	-0.2	-0.4%
46.9%	51.0	50.7	-0.3	-0.6%
48.1%	51.0	50.7	-0.3	-0.6%
49.4%	51.0	50.7	-0.3	-0.6%
50.6%	50.9	50.6	-0.3	-0.6%
51.9%	50.7	50.6	-0.1	-0.2%
53.1%	50.7	50.5	-0.2	-0.4%
54.3%	50.7	50.5	-0.2	-0.4%
55.6%	50.7	50.5	-0.2	-0.4%
56.8%	50.7	50.2	-0.5	-1.0%
58.0%	50.6	50.1	-0.5	-1.0%
59.3%	50.5	50.1	-0.4	-0.8%
60.5%	50.5	50.1	-0.4	-0.8%
61.7%	50.4	50.1	-0.3	-0.6%
63.0%	50.2	50.0	-0.2	-0.4%
64.2%	50.1	50.0	-0.1	-0.2%
65.4%	50.0	50.0	0.0	0.0%
66.7%	50.0	49.9	-0.1	-0.2%
67.9%	49.9	49.9	0.0	0.0%
69.1%	49.8	49.8	0.0	0.0%
70.4%	49.7	49.6	-0.1	-0.2%
71.6%	49.6	49.6	0.0	0.0%
72.8%	49.6	49.5	-0.1	-0.2%
74.1%	49.6	49.2	-0.4	-0.8%
75.3%	49.5	49.2	-0.3	-0.6%
76.5%	49.3	49.1	-0.2	-0.4%
77.8%	49.2	49.0	-0.2	-0.4%
79.0%	49.2	49.0	-0.2	-0.4%
80.2%	49.0	48.9	-0.1	-0.2%
81.5%	49.0	48.9	-0.1	-0.2%
82.7%	48.9	48.8	-0.1	-0.2%
84.0%	48.9	48.8	-0.1	-0.2%
85.2%	48.7	48.6	-0.1	-0.2%
86.4%	48.7	48.5	-0.2	-0.4%
87.7%	48.7	48.4	-0.3	-0.6%
88.9%	48.5	48.4	-0.1	-0.2%
90.1%	48.0	48.2	0.2	0.4%
91.4%	47.9	48.0	0.1	0.2%
92.6%	47.7	48.0	0.3	0.6%
93.8%	47.4	47.7	0.3	0.6%
95.1%	47.3	47.4	0.1	0.2%
96.3%	46.8	46.9	0.1	0.2%
97.5%	46.7	46.7	0.0	0.0%
98.8%	46.5	46.5	0.0	0.0%
100.0%	46.5	46.5	0.0	0.0%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.0	64.1	-0.9	-1.4%
1.2%	63.9	63.3	-0.6	-0.9%
2.5%	61.4	60.5	-0.9	-1.5%
3.7%	59.7	58.8	-0.9	-1.5%
4.9%	58.7	57.9	-0.8	-1.4%
6.2%	58.1	56.2	-1.9	-3.3%
7.4%	56.2	55.6	-0.6	-1.1%
8.6%	55.7	55.5	-0.2	-0.4%
9.9%	55.7	55.3	-0.4	-0.7%
11.1%	55.5	53.8	-1.7	-3.1%
12.3%	55.1	53.6	-1.5	-2.7%
13.6%	54.3	53.2	-1.1	-2.0%
14.8%	54.1	53.0	-1.1	-2.0%
16.0%	53.6	52.8	-0.8	-1.5%
17.3%	53.4	52.8	-0.6	-1.1%
18.5%	53.2	52.7	-0.5	-0.9%
19.8%	53.0	52.6	-0.4	-0.8%
21.0%	52.7	52.5	-0.2	-0.4%
22.2%	52.6	52.5	-0.1	-0.2%
23.5%	52.6	52.4	-0.2	-0.4%
24.7%	52.4	52.4	0.0	0.0%
25.9%	52.4	52.4	0.0	0.0%
27.2%	52.4	52.2	-0.2	-0.4%
28.4%	52.4	52.1	-0.3	-0.6%
29.6%	52.2	52.0	-0.2	-0.4%
30.9%	52.1	52.0	-0.1	-0.2%
32.1%	52.0	51.9	-0.1	-0.2%
33.3%	51.9	51.8	-0.1	-0.2%
34.6%	51.9	51.6	-0.3	-0.6%
35.8%	51.8	51.6	-0.2	-0.4%
37.0%	51.7	51.5	-0.2	-0.4%
38.3%	51.7	51.4	-0.3	-0.6%
39.5%	51.6	51.4	-0.2	-0.4%
40.7%	51.5	51.4	-0.1	-0.2%
42.0%	51.4	51.2	-0.2	-0.4%
43.2%	51.3	51.2	-0.1	-0.2%
44.4%	51.3	51.2	-0.1	-0.2%
45.7%	51.2	51.0	-0.2	-0.4%
46.9%	51.2	51.0	-0.2	-0.4%
48.1%	51.2	50.9	-0.3	-0.6%
49.4%	51.2	50.8	-0.4	-0.8%
50.6%	51.1	50.6	-0.5	-1.0%
51.9%	51.1	50.5	-0.6	-1.2%
53.1%	51.0	50.3	-0.7	-1.4%
54.3%	51.0	50.3	-0.7	-1.4%
55.6%	51.0	50.3	-0.7	-1.4%
56.8%	51.0	50.2	-0.8	-1.6%
58.0%	50.9	50.0	-0.9	-1.8%
59.3%	50.9	49.9	-1.0	-2.0%
60.5%	50.8	49.9	-0.9	-1.8%
61.7%	50.8	49.8	-1.0	-2.0%
63.0%	50.6	49.7	-0.9	-1.8%
64.2%	50.4	49.7	-0.7	-1.4%
65.4%	50.3	49.7	-0.6	-1.2%
66.7%	50.3	49.6	-0.7	-1.4%
67.9%	50.2	49.6	-0.6	-1.2%
69.1%	50.2	49.6	-0.6	-1.2%
70.4%	49.9	49.5	-0.4	-0.8%
71.6%	49.7	49.3	-0.4	-0.8%
72.8%	49.5	49.2	-0.3	-0.6%
74.1%	49.4	49.2	-0.2	-0.4%
75.3%	49.3	49.2	-0.1	-0.2%
76.5%	49.2	49.1	-0.1	-0.2%
77.8%	49.1	49.0	-0.1	-0.2%
79.0%	49.0	48.9	-0.1	-0.2%
80.2%	49.0	48.8	-0.2	-0.4%
81.5%	48.9	48.8	-0.1	-0.2%
82.7%	48.8	48.7	-0.1	-0.2%
84.0%	48.7	48.7	0.0	0.0%
85.2%	48.5	48.7	0.2	0.4%
86.4%	48.4	48.7	0.3	0.6%
87.7%	48.3	48.6	0.3	0.6%
88.9%	48.3	48.6	0.3	0.6%
90.1%	48.2	48.5	0.3	0.6%
91.4%	48.1	48.5	0.4	0.8%
92.6%	48.0	48.2	0.2	0.4%
93.8%	47.5	48.2	0.7	1.5%
95.1%	47.5	47.5	0.0	0.0%
96.3%	46.7	47.0	0.3	0.6%
97.5%	46.4	46.7	0.3	0.6%
98.8%	46.0	46.5	0.5	1.1%
100.0%	46.0	46.5	0.5	1.1%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	68.1	64.2	-3.9	-5.7%
1.2%	64.5	62.9	-1.6	-2.5%
2.5%	63.6	60.5	-3.1	-4.9%
3.7%	60.0	60.1	0.1	0.2%
4.9%	59.7	59.5	-0.2	-0.3%
6.2%	59.6	59.1	-0.5	-0.8%
7.4%	59.4	58.0	-1.4	-2.4%
8.6%	57.2	57.7	0.5	0.9%
9.9%	56.6	57.4	0.8	1.4%
11.1%	55.0	56.8	1.8	3.3%
12.3%	54.0	56.4	2.4	4.4%
13.6%	53.8	55.6	1.8	3.3%
14.8%	53.7	54.3	0.6	1.1%
16.0%	53.6	54.1	0.5	0.9%
17.3%	53.4	53.7	0.3	0.6%
18.5%	52.8	53.0	0.2	0.4%
19.8%	52.2	52.8	0.6	1.1%
21.0%	51.8	52.6	0.8	1.5%
22.2%	51.7	52.1	0.4	0.8%
23.5%	51.6	52.0	0.4	0.8%
24.7%	51.6	51.7	0.1	0.2%
25.9%	51.1	51.6	0.5	1.0%
27.2%	51.0	51.3	0.3	0.6%
28.4%	50.9	51.2	0.3	0.6%
29.6%	50.9	51.1	0.2	0.4%
30.9%	50.8	50.7	-0.1	-0.2%
32.1%	50.5	50.6	0.1	0.2%
33.3%	50.5	50.4	-0.1	-0.2%
34.6%	50.4	50.3	-0.1	-0.2%
35.8%	50.4	50.2	-0.2	-0.4%
37.0%	50.3	50.2	-0.1	-0.2%
38.3%	50.2	50.2	0.0	0.0%
39.5%	49.6	49.7	0.1	0.2%
40.7%	49.5	49.6	0.1	0.2%
42.0%	49.5	49.6	0.1	0.2%
43.2%	49.5	49.5	0.0	0.0%
44.4%	49.5	49.5	0.0	0.0%
45.7%	49.4	49.3	-0.1	-0.2%
46.9%	49.2	49.3	0.1	0.2%
48.1%	49.1	49.1	0.0	0.0%
49.4%	49.0	49.1	0.1	0.2%
50.6%	49.0	49.0	0.0	0.0%
51.9%	49.0	49.0	0.0	0.0%
53.1%	49.0	49.0	0.0	0.0%
54.3%	48.9	49.0	0.1	0.2%
55.6%	48.9	48.9	0.0	0.0%
56.8%	48.8	48.8	0.0	0.0%
58.0%	48.8	48.8	0.0	0.0%
59.3%	48.7	48.8	0.1	0.2%
60.5%	48.6	48.7	0.1	0.2%
61.7%	48.6	48.7	0.1	0.2%
63.0%	48.6	48.6	0.0	0.0%
64.2%	48.5	48.6	0.1	0.2%
65.4%	48.5	48.6	0.1	0.2%
66.7%	48.5	48.6	0.1	0.2%
67.9%	48.4	48.5	0.1	0.2%
69.1%	48.3	48.4	0.1	0.2%
70.4%	48.3	48.4	0.1	0.2%
71.6%	48.2	48.4	0.2	0.4%
72.8%	48.2	48.4	0.2	0.4%
74.1%	48.2	48.2	0.0	0.0%
75.3%	48.0	48.2	0.2	0.4%
76.5%	48.0	48.1	0.1	0.2%
77.8%	48.0	48.0	0.0	0.0%
79.0%	47.9	47.8	-0.1	-0.2%
80.2%	47.8	47.6	-0.2	-0.4%
81.5%	47.6	47.6	0.0	0.0%
82.7%	47.6	47.6	0.0	0.0%
84.0%	47.4	47.5	0.1	0.2%
85.2%	47.4	47.4	0.0	0.0%
86.4%	47.3	47.3	0.0	0.0%
87.7%	47.2	47.3	0.1	0.2%
88.9%	47.1	47.3	0.2	0.4%
90.1%	47.1	47.2	0.1	0.2%
91.4%	47.0	47.2	0.2	0.4%
92.6%	46.9	47.1	0.2	0.4%
93.8%	46.9	47.1	0.2	0.4%
95.1%	46.8	46.9	0.1	0.2%
96.3%	46.7	46.4	-0.3	-0.6%
97.5%	46.3	46.3	0.0	0.0%
98.8%	46.2	46.2	0.0	0.0%
100.0%	46.2	46.2	0.0	0.0%

Table SQ-34-9a
Trinity River at Douglas City, Monthly Temperature
Long-term Average and Average by Water Year Type

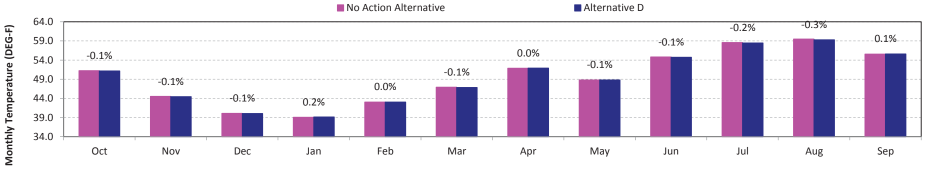
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	51.2	44.5	40.1	39.0	43.0	46.9	51.9	48.8	54.8	58.6	59.5	55.6
Alternative D	51.2	44.4	40.0	39.1	43.0	46.8	51.9	48.8	54.7	58.5	59.3	55.6
Difference	-0.1	-0.1	-0.1	0.1	0.0	-0.1	0.0	0.0	-0.1	-0.1	-0.2	0.0
Percent Difference[3]	-0.1%	-0.1%	-0.1%	0.2%	0.0%	-0.1%	0.0%	-0.1%	-0.1%	-0.2%	-0.3%	0.1%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	49.8	44.5	41.1	40.4	43.3	46.1	50.8	47.8	51.4	56.9	59.6	54.7
Alternative D	49.9	44.5	41.0	40.3	43.3	46.0	50.8	47.8	51.4	56.8	59.2	54.8
Difference	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.4	0.1
Percent Difference	0.1%	0.0%	-0.3%	-0.1%	0.0%	-0.1%	-0.1%	0.0%	0.0%	-0.2%	-0.7%	0.2%
Above Normal (15%)												
No Action Alternative	50.3	43.2	40.0	38.7	43.0	46.7	51.8	48.0	53.9	57.8	58.8	54.2
Alternative D	50.0	43.1	39.8	38.7	43.1	46.8	51.9	47.9	53.9	57.5	58.1	54.6
Difference	-0.3	-0.1	-0.2	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.3	-0.7	0.4
Percent Difference	-0.6%	-0.2%	-0.4%	0.1%	0.1%	0.1%	0.1%	-0.1%	-0.1%	-0.5%	-1.2%	0.7%
Below Normal (17%)												
No Action Alternative	51.7	44.7	39.6	38.3	42.4	46.8	52.5	48.6	55.4	59.1	59.8	56.0
Alternative D	51.7	44.8	39.7	38.4	42.4	46.7	52.7	48.6	55.4	58.9	59.9	56.2
Difference	0.0	0.0	0.1	0.0	0.0	-0.1	0.2	0.0	0.0	-0.2	0.1	0.1
Percent Difference	0.0%	0.0%	0.1%	0.1%	0.0%	-0.1%	0.4%	0.1%	0.0%	-0.3%	0.1%	0.2%
Dry (22%)												
No Action Alternative	51.3	44.6	40.2	38.0	42.7	47.5	52.7	49.0	57.0	59.2	58.4	55.0
Alternative D	51.4	44.5	40.1	38.2	42.7	47.3	52.6	49.0	56.8	59.0	58.6	55.1
Difference	0.1	-0.1	-0.1	0.2	0.0	-0.1	-0.1	-0.1	-0.2	-0.2	0.2	0.1
Percent Difference	0.2%	-0.3%	-0.2%	0.7%	0.1%	-0.3%	-0.2%	-0.2%	-0.3%	-0.3%	0.4%	0.1%
Critical (15%)												
No Action Alternative	54.5	45.2	38.4	38.8	43.4	47.9	52.3	51.9	59.7	61.8	61.0	58.9
Alternative D	54.1	45.0	38.5	38.9	43.4	47.9	52.4	51.8	59.6	61.8	60.7	58.3
Difference	-0.4	-0.2	0.1	0.1	0.0	-0.1	0.1	-0.1	-0.1	0.1	-0.3	-0.6
Percent Difference	-0.8%	-0.3%	0.2%	0.3%	0.1%	-0.1%	0.2%	-0.2%	-0.2%	0.1%	-0.5%	-1.0%

1 Based on the 82-year simulation period

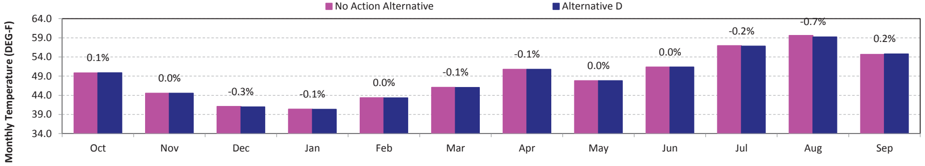
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

3 Relative difference of the monthly average

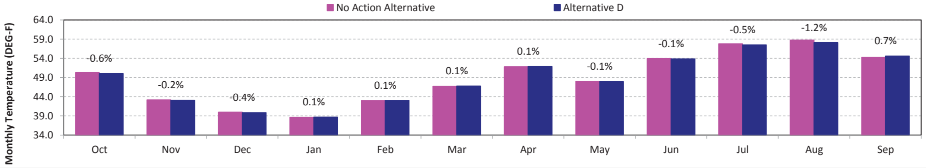
Trinity River at Douglas City, Monthly Temperature
Full Simulation Period



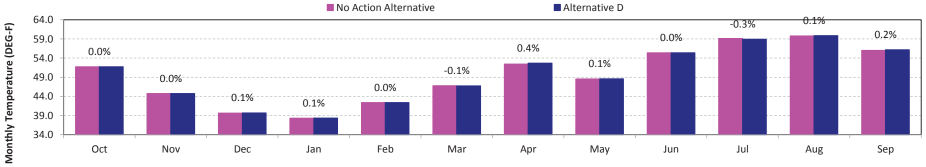
Trinity River at Douglas City, Monthly Temperature
Wet Water Year Types (32%)



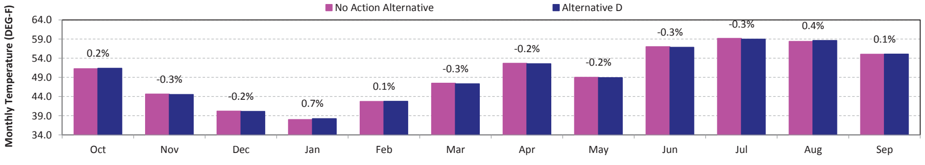
Trinity River at Douglas City, Monthly Temperature
Above Normal Water Year Types (15%)



Trinity River at Douglas City, Monthly Temperature
Below Normal Water Year Types (17%)



Trinity River at Douglas City, Monthly Temperature
Dry Water Year Types (22%)



Trinity River at Douglas City, Monthly Temperature
Critical Water Year Types (15%)

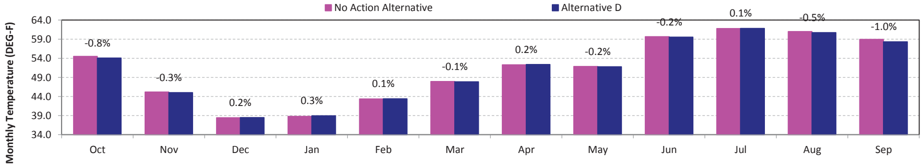


Figure SQ-34-9b
Trinity River at Douglas City, Monthly Temperature
Probability of Exceedance

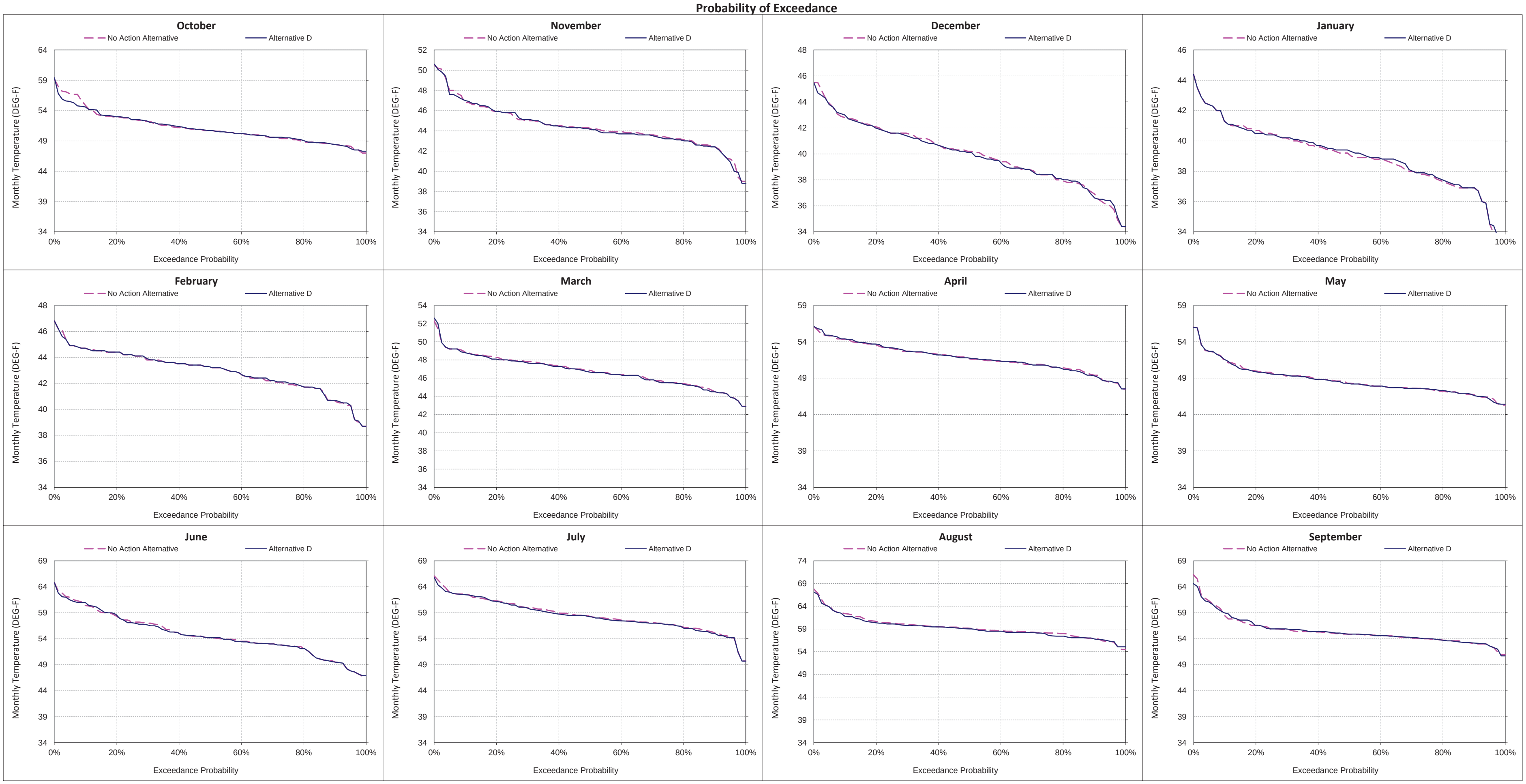


Table SQ-34-9b

Trinity River at Douglas City, Monthly Temperature

Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.2	59.4	0.2	0.3%
1.2%	58.0	56.8	-1.2	-2.1%
2.5%	57.2	55.9	-1.3	-2.3%
3.7%	57.1	55.6	-1.5	-2.6%
4.9%	56.8	55.5	-1.3	-2.3%
6.2%	56.7	55.3	-1.4	-2.5%
7.4%	56.7	54.8	-1.9	-3.4%
8.6%	55.7	54.7	-1.0	-1.8%
9.9%	54.9	54.6	-0.3	-0.5%
11.1%	54.2	54.2	0.0	0.0%
12.3%	54.0	54.2	0.2	0.4%
13.6%	53.4	54.1	0.7	1.3%
14.8%	53.2	53.3	0.1	0.2%
16.0%	53.1	53.2	0.1	0.2%
17.3%	53.1	53.2	0.1	0.2%
18.5%	53.0	53.1	0.1	0.2%
19.8%	52.9	53.0	0.1	0.2%
21.0%	52.9	53.0	0.1	0.2%
22.2%	52.8	52.9	0.1	0.2%
23.5%	52.8	52.9	0.1	0.2%
24.7%	52.5	52.5	0.0	0.0%
25.9%	52.5	52.5	0.0	0.0%
27.2%	52.4	52.5	0.1	0.2%
28.4%	52.3	52.4	0.1	0.2%
29.6%	52.2	52.3	0.1	0.2%
30.9%	52.2	52.0	-0.2	-0.4%
32.1%	51.8	52.0	0.2	0.4%
33.3%	51.7	51.8	0.1	0.2%
34.6%	51.6	51.8	0.2	0.4%
35.8%	51.6	51.7	0.1	0.2%
37.0%	51.4	51.6	0.2	0.4%
38.3%	51.3	51.5	0.2	0.4%
39.5%	51.2	51.4	0.2	0.4%
40.7%	51.2	51.3	0.1	0.2%
42.0%	51.1	51.2	0.1	0.2%
43.2%	51.0	51.0	0.0	0.0%
44.4%	50.9	51.0	0.1	0.2%
45.7%	50.9	50.9	0.0	0.0%
46.9%	50.9	50.9	0.0	0.0%
48.1%	50.7	50.8	0.1	0.2%
49.4%	50.7	50.7	0.0	0.0%
50.6%	50.7	50.7	0.0	0.0%
51.9%	50.6	50.6	0.0	0.0%
53.1%	50.6	50.5	-0.1	-0.2%
54.3%	50.5	50.5	0.0	0.0%
55.6%	50.4	50.4	0.0	0.0%
56.8%	50.4	50.4	0.0	0.0%
58.0%	50.3	50.2	-0.1	-0.2%
59.3%	50.2	50.2	0.0	0.0%
60.5%	50.2	50.2	0.0	0.0%
61.7%	50.1	50.1	0.0	0.0%
63.0%	50.1	50.0	-0.1	-0.2%
64.2%	50.0	50.0	0.0	0.0%
65.4%	50.0	49.9	-0.1	-0.2%
66.7%	49.8	49.9	0.1	0.2%
67.9%	49.7	49.8	0.1	0.2%
69.1%	49.6	49.6	0.0	0.0%
70.4%	49.6	49.6	0.0	0.0%
71.6%	49.5	49.6	0.1	0.2%
72.8%	49.4	49.6	0.2	0.4%
74.1%	49.4	49.5	0.1	0.2%
75.3%	49.4	49.5	0.1	0.2%
76.5%	49.2	49.4	0.2	0.4%
77.8%	49.2	49.3	0.1	0.2%
79.0%	49.0	49.2	0.2	0.4%
80.2%	48.8	49.0	0.2	0.4%
81.5%	48.8	48.8	0.0	0.0%
82.7%	48.8	48.8	0.0	0.0%
84.0%	48.7	48.7	0.0	0.0%
85.2%	48.7	48.7	0.0	0.0%
86.4%	48.6	48.7	0.1	0.2%
87.7%	48.6	48.6	0.0	0.0%
88.9%	48.4	48.5	0.1	0.2%
90.1%	48.4	48.4	0.0	0.0%
91.4%	48.3	48.3	0.0	0.0%
92.6%	48.2	48.2	0.0	0.0%
93.8%	48.2	48.1	-0.1	-0.2%
95.1%	48.1	47.7	-0.4	-0.8%
96.3%	47.6	47.5	-0.1	-0.2%
97.5%	47.5	47.5	0.0	0.0%
98.8%	47.0	47.3	0.3	0.6%
100.0%	47.0	47.3	0.3	0.6%

November				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.5	50.6	0.1	0.2%
1.2%	50.2	50.1	-0.1	-0.2%
2.5%	50.1	49.8	-0.3	-0.6%
3.7%	49.2	49.4	0.2	0.4%
4.9%	48.0	47.6	-0.4	-0.8%
6.2%	48.0	47.6	-0.4	-0.8%
7.4%	47.7	47.4	-0.3	-0.6%
8.6%	47.5	47.2	-0.3	-0.6%
9.9%	46.8	47.0	0.2	0.4%
11.1%	46.8	46.9	0.1	0.2%
12.3%	46.6	46.7	0.1	0.2%
13.6%	46.6	46.7	0.1	0.2%
14.8%	46.4	46.5	0.1	0.2%
16.0%	46.4	46.5	0.1	0.2%
17.3%	46.3	46.4	0.1	0.2%
18.5%	46.0	46.1	0.1	0.2%
19.8%	45.9	45.9	0.0	0.0%
21.0%	45.9	45.9	0.0	0.0%
22.2%	45.8	45.8	0.0	0.0%
23.5%	45.8	45.8	0.0	0.0%
24.7%	45.7	45.8	0.1	0.2%
25.9%	45.3	45.8	0.5	1.1%
27.2%	45.1	45.3	0.2	0.4%
28.4%	45.1	45.1	0.0	0.0%
29.6%	45.0	45.1	0.1	0.2%
30.9%	45.0	45.1	0.1	0.2%
32.1%	45.0	45.0	0.0	0.0%
33.3%	44.9	45.0	0.1	0.2%
34.6%	44.8	44.8	0.0	0.0%
35.8%	44.6	44.6	0.0	0.0%
37.0%	44.6	44.6	0.0	0.0%
38.3%	44.6	44.5	-0.1	-0.2%
39.5%	44.5	44.5	0.0	0.0%
40.7%	44.5	44.4	-0.1	-0.2%
42.0%	44.4	44.4	0.0	0.0%
43.2%	44.4	44.3	-0.1	-0.2%
44.4%	44.4	44.3	-0.1	-0.2%
45.7%	44.3	44.3	0.0	0.0%
46.9%	44.3	44.3	0.0	0.0%
48.1%	44.3	44.2	-0.1	-0.2%
49.4%	44.3	44.2	-0.1	-0.2%
50.6%	44.2	44.1	-0.1	-0.2%
51.9%	44.2	44.1	-0.1	-0.2%
53.1%	44.1	43.9	-0.2	-0.5%
54.3%	44.0	43.8	-0.2	-0.5%
55.6%	44.0	43.8	-0.2	-0.5%
56.8%	43.9	43.8	-0.1	-0.2%
58.0%	43.9	43.8	-0.1	-0.2%
59.3%	43.9	43.7	-0.2	-0.5%
60.5%	43.9	43.7	-0.2	-0.5%
61.7%	43.8	43.7	-0.1	-0.2%
63.0%	43.8	43.7	-0.1	-0.2%
64.2%	43.8	43.7	-0.1	-0.2%
65.4%	43.8	43.6	-0.2	-0.5%
66.7%	43.7	43.6	-0.1	-0.2%
67.9%	43.6	43.6	0.0	0.0%
69.1%	43.6	43.6	0.0	0.0%
70.4%	43.6	43.5	-0.1	-0.2%
71.6%	43.5	43.4	-0.1	-0.2%
72.8%	43.4	43.3	-0.1	-0.2%
74.1%	43.4	43.2	-0.2	-0.5%
75.3%	43.3	43.2	-0.1	-0.2%
76.5%	43.2	43.2	0.0	0.0%
77.8%	43.2	43.1	-0.1	-0.2%
79.0%	43.2	43.1	-0.1	-0.2%
80.2%	43.1	43.0	-0.1	-0.2%
81.5%	43.1	43.0	-0.1	-0.2%
82.7%	43.0	42.9	-0.1	-0.2%
84.0%	42.7	42.6	-0.1	-0.2%
85.2%	42.6	42.6	0.0	0.0%
86.4%	42.6	42.5	-0.1	-0.2%
87.7%	42.6	42.5	-0.1	-0.2%
88.9%	42.5	42.4	-0.1	-0.2%
90.1%	42.4	42.4	0.0	0.0%
91.4%	42.2	42.1	-0.1	-0.2%
92.6%	41.7	41.7	0.0	0.0%
93.8%	41.3	41.3	0.0	0.0%
95.1%	41.2	40.9	-0.3	-0.7%
96.3%	40.9	40.0	-0.9	-2.2%
97.5%	39.4	39.9	0.5	1.3%
98.8%	39.0	38.8	-0.2	-0.5%
100.0%	39.0	38.8	-0.2	-0.5%

December				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	45.5	45.5	0.0	0.0%
1.2%	45.5	44.7	-0.8	-1.8%
2.5%	44.9	44.5	-0.4	-0.9%
3.7%	44.3	44.3	0.0	0.0%
4.9%	43.9	43.8	-0.1	-0.2%
6.2%	43.6	43.6	0.0	0.0%
7.4%	43.1	43.2	0.1	0.2%
8.6%	42.9	43.1	0.2	0.5%
9.9%	42.8	43.0	0.2	0.5%
11.1%	42.7	42.7	0.0	0.0%
12.3%	42.7	42.6	-0.1	-0.2%
13.6%	42.6	42.5	-0.1	-0.2%
14.8%	42.5	42.4	-0.1	-0.2%
16.0%	42.3	42.3	0.0	0.0%
17.3%	42.3	42.2	-0.1	-0.2%
18.5%	42.2	42.2	0.0	0.0%
19.8%	42.1	42.0	-0.1	-0.2%
21.0%	42.0	41.9	-0.1	-0.2%
22.2%	41.8	41.8	0.0	0.0%
23.5%	41.7	41.7	0.0	0.0%
24.7%	41.6	41.6	0.0	0.0%
25.9%	41.6	41.6	0.0	0.0%
27.2%	41.6	41.6	0.0	0.0%
28.4%	41.6	41.5	-0.1	-0.2%
29.6%	41.6	41.4	-0.2	-0.5%
30.9%	41.5	41.3	-0.2	-0.5%
32.1%	41.4	41.2	-0.2	-0.5%
33.3%	41.2	41.2	0.0	0.0%
34.6%	41.2	41.0	-0.2	-0.5%
35.8%	41.2	40.9	-0.3	-0.7%
37.0%	41.1	40.8	-0.3	-0.7%
38.3%	40.9	40.8	-0.1	-0.2%
39.5%	40.7	40.7	0.0	0.0%
40.7%	40.6	40.6	0.0	0.0%
42.0%	40.4	40.5	0.1	0.2%
43.2%	40.4	40.4	0.0	0.0%
44.4%	40.4	40.3	-0.1	-0.2%
45.7%	40.3	40.3	0.0	0.0%
46.9%	40.3	40.2	-0.1	-0.2%
48.1%	40.3	40.2	-0.1	-0.2%
49.4%	40.2	40.1	-0.1	-0.2%
50.6%	40.2	40.1	-0.1	-0.2%
51.9%	40.1	39.8	-0.3	-0.7%
53.1%	40.1	39.8	-0.3	-0.7%
54.3%	39.9	39.7	-0.2	-0.5%
55.6%	39.8	39.6	-0.2	-0.5%
56.8%	39.7	39.6	-0.1	-0.3%
58.0%	39.6	39.5	-0.1	-0.3%
59.3%	39.5	39.5	0.0	0.0%
60.5%	39.4	39.2	-0.2	-0.5%
61.7%	39.4	39.0	-0.4	-1.0%
63.0%	39.2	38.9	-0.3	-0.8%
64.2%	39.0	38.9	-0.1	-0.3%
65.4%	39.0	38.9	-0.1	-0.3%
66.7%	38.8	38.9	0.1	0.3%
67.9%	38.8	38.8	0.0	0.0%
69.1%	38.8	38.8	0.0	0.0%
70.4%	38.7	38.6	-0.1	-0.3%
71.6%	38.5	38.4	-0.1	-0.3%
72.8%	38.4	38.4	0.0	0.0%
74.1%	38.4	38.4	0.0	0.0%
75.3%	38.4	38.4	0.0	0.0%
76.5%	38.4	38.4	0.0	0.0%
77.8%	38.0	38.1	0.1	0.3%
79.0%	38.0	38.1	0.1	0.3%
80.2%	37.9	38.0	0.1	0.3%
81.5%	37.8	38.0	0.2	0.5%
82.7%	37.8	37.9	0.1	0.3%
84.0%	37.8	37.9	0.1	0.3%
85.2%	37.7	37.8	0.1	0.3%
86.4%	37.6	37.4	-0.2	-0.5%
87.7%	37.3	37.3	0.0	0.0%
88.9%	37.1	36.9	-0.2	-0.5%
90.1%	36.9	36.6	-0.3	-0.8%
91.4%	36.5	36.5	0.0	0.0%
92.6%	36.3	36.5	0.2	0.6%
93.8%	36.1	36.4	0.3	0.8%
95.1%	36.0	36.4	0.4	1.1%
96.3%	35.7	36.0	0.3	0.8%
97.5%	34.9	35.1	0.2	0.6%
98.8%	34.4	34.4	0.0	0.0%
100.0%	34.4	34.4	0.0	0.0%

January				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	44.4	44.4	0.0	0.0%
1.2%	43.5	43.5	0.0	0.0%
2.5%	42.9	42.9	0.0	0.0%
3.7%	42.5	42.5	0.0	0.0%
4.9%	42.4	42.4	0.0	0.0%
6.2%	42.3	42.3	0.0	0.0%
7.4%	42.0	42.0	0.0	0.0%
8.6%	42.0	42.0	0.0	0.0%
9.9%	41.3	41.3	0.0	0.0%
11.1%	41.1	41.1	0.0	0.0%
12.3%	41.0	41.1	0.1	0.2%
13.6%	41.0	41.0	0.0	0.0%
14.8%	41.0	40.9	-0.1	-0.2%
16.0%	41.0	40.8	-0.2	-0.5%
17.3%	40.8	40.7	-0.1	-0.2%
18.5%	40.8	40.7	-0.1	-0.2%
19.8%	40.7	40.5	-0.2	-0.5%
21.0%	40.7	40.5	-0.2	-0.5%
22.2%	40.5	40.5	0.0	0.0%
23.5%	40.5	40.4	-0.1	-0.2%
24.7%	40.5	40.4	-0.1	-0.2%
25.9%	40.4	40.4	0.0	0.0%
27.2%	40.4	40.3	-0.1	-0.2%
28.4%	40.2	40.2	0.0	0.0%
29.6%	40.2	40.2	0.0	0.0%
30.9%	40.1	40.2	0.1	0.2%
32.1%	40.0	40.1	0.1	0.2%
33.3%	40.0	40.1	0.1	0.2%
34.6%	39.9	40.0	0.1	0.3%
35.8%	39.9	40.0	0.1	0.3%
37.0%	39.7	39.9	0.2	0.5%
38.3%	39.7	39.9	0.2	0.5%
39.5%	39.6	39.7	0.1	0.3%
40.7%	39.6	39.7	0.1	0.3%
42.0%	39.5	39.6	0.1	0.3%
43.2%	39.4	39.5	0.1	0.3%
44.4%	39.4	39.5	0.1	0.3%
45.7%	39.3	39.4	0.1	0.3%
46.9%	39.2	39.4	0.2	0.5%
48.1%	39.2	39.4	0.2	0.5%
49.4%	39.2	39.4	0.2	0.5%
50.6%	39.0	39.3	0.3	0.8%
51.9%	38.9	39.2	0.3	0.8%
53.1%	38.9	39.2	0.3	0.8%
54.3%	38.9	39.1	0.2	0.5%
55.6%	38.9	39.0	0.1	0.3%
56.8%	38.9	38.9	0.0	0.0%
58.0%	38.8	38.9	0.1	0.3%
59.3%	38.8	38.9	0.1	0.3%
60.5%	38.8	38.8	0.0	0.0%
61.7%	38.7	38.8	0.1	0.3%
63.0%	38.6	38.8	0.2	0.5%
64.2%	38.5	38.8	0.3	0.8%
65.4%	38.4	38.7	0.3	0.8%
66.7%	38.3	38.6	0.3	0.8%
67.9%	38.1	38.5	0.4	1.0%
69.1%	38.0	38.1	0.1	0.3%
70.4%	38.0	38.0	0.0	0.0%
71.6%	37.9	37.9	0.0	0.0%
72.8%	37.8	37.9	0.1	0.3%
74.1%	37.8	37.9	0.1	0.3%
75.3%	37.7	37.8	0.1	0.3%
76.5%	37.7	37.8	0.1	0.3%
77.8%	37.5	37.6	0.1	0.3%
79.0%	37.4	37.5	0.1	0.3%
80.2%	37.3	37.4	0.1	0.3%
81.5%	37.2	37.3	0.1	0.3%
82.7%	37.1	37.2	0.1	0.3%
84.0%	37.0	37.1	0.1	0.3%
85.2%	36.9	37.1	0.2	0.5%
86.4%	36.9	36.9	0.0	0.0%
87.7%	36.9	36.9	0.0	0.0%
88.9%	36.9	36.9	0.0	0.0%
90.1%	36.9	36.9	0.0	0.0%
91.4%	36.7	36.7	0.0	0.0%
92.6%	36.0	36.0	0.0	0.0%
93.8%	35.9	35.9	0.0	0.0%
95.1%	34.5	34.5	0.0	0.0%
96.3%	33.9	34.4	0.5	1.5%
97.5%	33.7	33.7	0.0	0.0%
98.8%	28.9	28.9	0.0	0.0%
100.0%	28.9	28.9	0.0	0.0%

Table SQ-34-9b

Trinity River at Douglas City, Monthly Temperature
Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	46.8	46.8	0.0	0.0%
1.2%	46.2	46.2	0.0	0.0%
2.5%	46.1	45.6	-0.5	-1.1%
3.7%	45.4	45.4	0.0	0.0%
4.9%	44.9	44.9	0.0	0.0%
6.2%	44.9	44.9	0.0	0.0%
7.4%	44.8	44.8	0.0	0.0%
8.6%	44.7	44.7	0.0	0.0%
9.9%	44.7	44.7	0.0	0.0%
11.1%	44.6	44.6	0.0	0.0%
12.3%	44.6	44.5	-0.1	-0.2%
13.6%	44.5	44.5	0.0	0.0%
14.8%	44.5	44.5	0.0	0.0%
16.0%	44.4	44.5	0.1	0.2%
17.3%	44.4	44.4	0.0	0.0%
18.5%	44.4	44.4	0.0	0.0%
19.8%	44.4	44.4	0.0	0.0%
21.0%	44.4	44.4	0.0	0.0%
22.2%	44.2	44.2	0.0	0.0%
23.5%	44.2	44.2	0.0	0.0%
24.7%	44.2	44.2	0.0	0.0%
25.9%	44.1	44.1	0.0	0.0%
27.2%	44.1	44.1	0.0	0.0%
28.4%	44.1	44.1	0.0	0.0%
29.6%	43.8	43.9	0.1	0.2%
30.9%	43.8	43.8	0.0	0.0%
32.1%	43.8	43.8	0.0	0.0%
33.3%	43.8	43.7	-0.1	-0.2%
34.6%	43.7	43.7	0.0	0.0%
35.8%	43.6	43.6	0.0	0.0%
37.0%	43.6	43.6	0.0	0.0%
38.3%	43.6	43.6	0.0	0.0%
39.5%	43.5	43.5	0.0	0.0%
40.7%	43.5	43.5	0.0	0.0%
42.0%	43.5	43.5	0.0	0.0%
43.2%	43.4	43.4	0.0	0.0%
44.4%	43.4	43.4	0.0	0.0%
45.7%	43.4	43.4	0.0	0.0%
46.9%	43.4	43.4	0.0	0.0%
48.1%	43.3	43.3	0.0	0.0%
49.4%	43.3	43.3	0.0	0.0%
50.6%	43.2	43.2	0.0	0.0%
51.9%	43.2	43.2	0.0	0.0%
53.1%	43.2	43.2	0.0	0.0%
54.3%	43.1	43.1	0.0	0.0%
55.6%	43.0	43.0	0.0	0.0%
56.8%	42.9	42.9	0.0	0.0%
58.0%	42.9	42.9	0.0	0.0%
59.3%	42.8	42.8	0.0	0.0%
60.5%	42.6	42.6	0.0	0.0%
61.7%	42.5	42.5	0.0	0.0%
63.0%	42.4	42.5	0.1	0.2%
64.2%	42.4	42.4	0.0	0.0%
65.4%	42.4	42.4	0.0	0.0%
66.7%	42.4	42.4	0.0	0.0%
67.9%	42.2	42.4	0.2	0.5%
69.1%	42.2	42.2	0.0	0.0%
70.4%	42.1	42.2	0.1	0.2%
71.6%	42.1	42.1	0.0	0.0%
72.8%	42.1	42.1	0.0	0.0%
74.1%	41.9	42.1	0.2	0.5%
75.3%	41.9	42.0	0.1	0.2%
76.5%	41.9	42.0	0.1	0.2%
77.8%	41.8	41.9	0.1	0.2%
79.0%	41.8	41.8	0.0	0.0%
80.2%	41.7	41.7	0.0	0.0%
81.5%	41.7	41.7	0.0	0.0%
82.7%	41.6	41.7	0.1	0.2%
84.0%	41.6	41.6	0.0	0.0%
85.2%	41.6	41.6	0.0	0.0%
86.4%	41.3	41.2	-0.1	-0.2%
87.7%	40.7	40.7	0.0	0.0%
88.9%	40.7	40.7	0.0	0.0%
90.1%	40.6	40.7	0.1	0.2%
91.4%	40.5	40.6	0.1	0.2%
92.6%	40.5	40.5	0.0	0.0%
93.8%	40.3	40.5	0.2	0.5%
95.1%	40.3	40.3	0.0	0.0%
96.3%	39.2	39.2	0.0	0.0%
97.5%	39.0	39.1	0.1	0.3%
98.8%	38.7	38.7	0.0	0.0%
100.0%	38.7	38.7	0.0	0.0%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	52.3	52.6	0.3	0.6%
1.2%	51.4	52.0	0.6	1.2%
2.5%	49.9	49.9	0.0	0.0%
3.7%	49.4	49.4	0.0	0.0%
4.9%	49.2	49.2	0.0	0.0%
6.2%	49.2	49.2	0.0	0.0%
7.4%	49.2	49.2	0.0	0.0%
8.6%	49.1	48.9	-0.2	-0.4%
9.9%	48.9	48.8	-0.1	-0.2%
11.1%	48.8	48.7	-0.1	-0.2%
12.3%	48.6	48.6	0.0	0.0%
13.6%	48.6	48.5	-0.1	-0.2%
14.8%	48.6	48.5	-0.1	-0.2%
16.0%	48.5	48.4	-0.1	-0.2%
17.3%	48.4	48.3	-0.1	-0.2%
18.5%	48.4	48.1	-0.3	-0.6%
19.8%	48.3	48.1	-0.2	-0.4%
21.0%	48.2	48.0	-0.2	-0.4%
22.2%	48.0	48.0	0.0	0.0%
23.5%	48.0	48.0	0.0	0.0%
24.7%	48.0	47.9	-0.1	-0.2%
25.9%	47.9	47.9	0.0	0.0%
27.2%	47.9	47.8	-0.1	-0.2%
28.4%	47.9	47.8	-0.1	-0.2%
29.6%	47.8	47.7	-0.1	-0.2%
30.9%	47.8	47.6	-0.2	-0.4%
32.1%	47.8	47.6	-0.2	-0.4%
33.3%	47.7	47.6	-0.1	-0.2%
34.6%	47.6	47.6	0.0	0.0%
35.8%	47.6	47.5	-0.1	-0.2%
37.0%	47.5	47.4	-0.1	-0.2%
38.3%	47.4	47.3	-0.1	-0.2%
39.5%	47.4	47.3	-0.1	-0.2%
40.7%	47.3	47.3	0.0	0.0%
42.0%	47.3	47.1	-0.2	-0.4%
43.2%	47.1	47.0	-0.1	-0.2%
44.4%	47.0	47.0	0.0	0.0%
45.7%	47.0	47.0	0.0	0.0%
46.9%	47.0	46.9	-0.1	-0.2%
48.1%	46.9	46.8	-0.1	-0.2%
49.4%	46.9	46.7	-0.2	-0.4%
50.6%	46.8	46.6	-0.2	-0.4%
51.9%	46.6	46.6	0.0	0.0%
53.1%	46.6	46.6	0.0	0.0%
54.3%	46.6	46.6	0.0	0.0%
55.6%	46.6	46.5	-0.1	-0.2%
56.8%	46.4	46.4	0.0	0.0%
58.0%	46.4	46.4	0.0	0.0%
59.3%	46.4	46.4	0.0	0.0%
60.5%	46.4	46.3	-0.1	-0.2%
61.7%	46.3	46.3	0.0	0.0%
63.0%	46.3	46.3	0.0	0.0%
64.2%	46.3	46.3	0.0	0.0%
65.4%	46.3	46.3	0.0	0.0%
66.7%	46.2	46.0	-0.2	-0.4%
67.9%	46.0	45.8	-0.2	-0.4%
69.1%	45.8	45.8	0.0	0.0%
70.4%	45.7	45.8	0.1	0.2%
71.6%	45.7	45.6	-0.1	-0.2%
72.8%	45.7	45.5	-0.2	-0.4%
74.1%	45.6	45.5	-0.1	-0.2%
75.3%	45.5	45.5	0.0	0.0%
76.5%	45.5	45.5	0.0	0.0%
77.8%	45.5	45.4	-0.1	-0.2%
79.0%	45.4	45.4	0.0	0.0%
80.2%	45.4	45.3	-0.1	-0.2%
81.5%	45.3	45.2	-0.1	-0.2%
82.7%	45.3	45.2	-0.1	-0.2%
84.0%	45.2	45.1	-0.1	-0.2%
85.2%	45.0	45.0	0.0	0.0%
86.4%	45.0	44.7	-0.3	-0.7%
87.7%	44.9	44.7	-0.2	-0.4%
88.9%	44.7	44.5	-0.2	-0.4%
90.1%	44.5	44.5	0.0	0.0%
91.4%	44.4	44.4	0.0	0.0%
92.6%	44.4	44.4	0.0	0.0%
93.8%	44.3	44.3	0.0	0.0%
95.1%	43.9	43.9	0.0	0.0%
96.3%	43.8	43.8	0.0	0.0%
97.5%	43.5	43.5	0.0	0.0%
98.8%	42.9	42.9	0.0	0.0%
100.0%	42.9	42.9	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.1	56.1	0.0	0.0%
1.2%	55.6	55.8	0.2	0.4%
2.5%	55.0	55.7	0.7	1.3%
3.7%	54.9	54.9	0.0	0.0%
4.9%	54.8	54.9	0.1	0.2%
6.2%	54.8	54.8	0.0	0.0%
7.4%	54.4	54.7	0.3	0.6%
8.6%	54.4	54.4	0.0	0.0%
9.9%	54.3	54.4	0.1	0.2%
11.1%	54.3	54.3	0.0	0.0%
12.3%	54.0	54.3	0.3	0.6%
13.6%	53.9	54.0	0.1	0.2%
14.8%	53.9	53.9	0.0	0.0%
16.0%	53.8	53.9	0.1	0.2%
17.3%	53.7	53.8	0.1	0.2%
18.5%	53.7	53.7	0.0	0.0%
19.8%	53.6	53.7	0.1	0.2%
21.0%	53.4	53.6	0.2	0.4%
22.2%	53.2	53.3	0.1	0.2%
23.5%	53.2	53.2	0.0	0.0%
24.7%	53.1	53.2	0.1	0.2%
25.9%	53.0	53.1	0.1	0.2%
27.2%	52.9	53.0	0.1	0.2%
28.4%	52.7	52.9	0.2	0.4%
29.6%	52.7	52.7	0.0	0.0%
30.9%	52.7	52.7	0.0	0.0%
32.1%	52.6	52.6	0.0	0.0%
33.3%	52.6	52.6	0.0	0.0%
34.6%	52.6	52.6	0.0	0.0%
35.8%	52.5	52.5	0.0	0.0%
37.0%	52.4	52.4	0.0	0.0%
38.3%	52.4	52.3	-0.1	-0.2%
39.5%	52.3	52.2	-0.1	-0.2%
40.7%	52.2	52.2	0.0	0.0%
42.0%	52.2	52.1	-0.1	-0.2%
43.2%	52.1	52.1	0.0	0.0%
44.4%	52.1	52.0	-0.1	-0.2%
45.7%	52.0	51.9	-0.1	-0.2%
46.9%	51.9	51.8	-0.1	-0.2%
48.1%	51.9	51.8	-0.1	-0.2%
49.4%	51.7	51.8	0.1	0.2%
50.6%	51.6	51.7	0.1	0.2%
51.9%	51.6	51.7	0.1	0.2%
53.1%	51.6	51.6	0.0	0.0%
54.3%	51.5	51.6	0.1	0.2%
55.6%	51.4	51.5	0.1	0.2%
56.8%	51.4	51.5	0.1	0.2%
58.0%	51.3	51.4	0.1	0.2%
59.3%	51.3	51.4	0.1	0.2%
60.5%	51.3	51.3	0.0	0.0%
61.7%	51.3	51.3	0.0	0.0%
63.0%	51.2	51.3	0.1	0.2%
64.2%	51.2	51.3	0.1	0.2%
65.4%	51.1	51.2	0.1	0.2%
66.7%	51.0	51.2	0.2	0.4%
67.9%	50.9	51.1	0.2	0.4%
69.1%	50.9	50.9	0.0	0.0%
70.4%	50.9	50.8	-0.1	-0.2%
71.6%	50.9	50.8	-0.1	-0.2%
72.8%	50.9	50.8	-0.1	-0.2%
74.1%	50.8	50.8	0.0	0.0%
75.3%	50.6	50.7	0.1	0.2%
76.5%	50.5	50.5	0.0	0.0%
77.8%	50.5	50.5	0.0	0.0%
79.0%	50.4	50.4	0.0	0.0%
80.2%	50.4	50.2	-0.2	-0.4%
81.5%	50.3	50.2	-0.1	-0.2%
82.7%	50.2	50.0	-0.2	-0.4%
84.0%	50.2	50.0	-0.2	-0.4%
85.2%	50.2	49.9	-0.3	-0.6%
86.4%	49.9	49.7	-0.2	-0.4%
87.7%	49.7	49.4	-0.3	-0.6%
88.9%	49.5	49.4	-0.1	-0.2%
90.1%	49.4	49.3	-0.1	-0.2%
91.4%	49.4	49.1	-0.3	-0.6%
92.6%	48.7	48.7	0.0	0.0%
93.8%	48.6	48.6	0.0	0.0%
95.1%	48.4	48.6	0.2	0.4%
96.3%	48.4	48.4	0.0	0.0%
97.5%	48.3	48.4	0.1	0.2%
98.8%	47.5	47.5	0.0	0.0%
100.0%	47.5	47.5	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.0	56.0	0.0	0.0%
1.2%	55.9	55.9	0.0	0.0%
2.5%	53.6	53.6	0.0	0.0%
3.7%	52.8	52.9	0.1	0.2%
4.9%	52.7	52.7	0.0	0.0%
6.2%	52.6	52.7	0.1	0.2%
7.4%	52.3	52.3	0.0	0.0%
8.6%	52.1	52.0	-0.1	-0.2%
9.9%	51.4	51.6	0.2	0.4%
11.1%	51.1	51.3	0.2	0.4%
12.3%	51.1	50.9	-0.2	-0.4%
13.6%	50.9	50.7	-0.2	-0.4%
14.8%	50.8	50.3	-0.5	-1.0%
16.0%	50.3	50.2	-0.1	-0.2%
17.3%	50.2	50.2	0.0	0.0%
18.5%	50.1	50.0	-0.1	-0.2%
19.8%	50.0	49.9	-0.1	-0.2%
21.0%	49.9	49.8	-0.1	-0.2%
22.2%	49.9	49.8	-0.1	-0.2%
23.5%	49.8	49.7	-0.1	-0.2%
24.7%	49.8	49.6	-0.2	-0.4%
25.9%	49.5	49.5	0.0	0.0%
27.2%	49.5	49.5	0.0	0.0%
28.4%	49.5	49.5	0.0	0.0%
29.6%	49.3	49.4	0.1	0.2%
30.9%	49.3	49.3	0.0	0.0%
32.1%	49.3	49.3	0.0	0.0%
33.3%	49.3	49.3	0.0	0.0%
34.6%	49.3	49.2	-0.1	-0.2%
35.8%	49.2	49.2	0.0	0.0%
37.0%	49.2	49.0	-0.2	-0.4%
38.3%	49.0	48.9	-0.1	-0.2%
39.5%	48.9	48.8	-0.1	-0.2%
40.7%	48.8	48.8	0.0	0.0%
42.0%	48.8	48.8	0.0	0.0%
43.2%	48.8	48.7	-0.1	-0.2%
44.4%	48.7	48.6	-0.1	-0.2%
45.7%	48.6	48.6	0.0	0.0%
46.9%	48.6	48.5	-0.1	-0.2%
48.1%	48.6	48.3	-0.3	-0.6%
49.4%	48.3	48.3	0.0	0.0%
50.6%	48.3	48.2	-0.1	-0.2%
51.9%	48.2	48.2	0.0	0.0%
53.1%	48.2	48.2	0.0	0.0%
54.3%	48.1	48.1	0.0	0.0%
55.6%	48.1	48.0	-0.1	-0.2%
56.8%	48.0	47.9	-0.1	-0.2%
58.0%	47.9	47.9	0.0	0.0%
59.3%	47.9	47.9	0.0	0.0%
60.5%	47.9	47.9	0.0	0.0%
61.7%	47.8	47.8	0.0	0.0%
63.0%	47.7	47.7	0.0	0.0%
64.2%	47.7	47.7	0.0	0.0%
65.4%	47.7	47.7	0.0	0.0%
66.7%	47.7	47.7	0.0	0.0%
67.9%	47.7	47.6	-0.1	-0.2%
69.1%	47.6	47.6	0.0	0.0%
70.4%	47.6	47.6	0.0	0.0%
71.6%	47.6	47.6	0.0	0.0%
72.8%	47.6	47.6	0.0	0.0%
74.1%	47.5	47.5	0.0	0.0%
75.3%	47.5	47.5	0.0	0.0%
76.5%	47.4	47.4	0.0	0.0%
77.8%	47.3	47.4	0.1	0.2%
79.0%	47.2	47.3	0.1	0.2%
80.2%	47.2	47.3	0.1	0.2%
81.5%	47.1	47.2	0.1	0.2%
82.7%	47.1	47.1	0.0	0.0%
84.0%	47.1	47.1	0.0	0.0%
85.2%	46.9	46.9	0.0	0.0%
86.4%	46.9	46.9	0.0	0.0%
87.7%	46.8	46.9	0.1	0.2%
88.9%	46.8	46.8	0.0	0.0%
90.1%	46.7	46.6	-0.1	-0.2%
91.4%	46.5	46.5	0.0	0.0%
92.6%	46.4	46.5	0.1	0.2%
93.8%	46.4	46.4	0.0	0.0%
95.1%	46.4	46.1	-0.3	-0.6%
96.3%	46.1	45.7	-0.4	-0.9%
97.5%	45.5	45.5	0.0	0.0%
98.8%	45.3	45.4	0.1	0.2%
100.0%	45.3	45.4	0.1	0.2%

Table SQ-34-9b

Trinity River at Douglas City, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	64.8	64.8	0.0	0.0%
1.2%	63.2	62.8	-0.4	-0.6%
2.5%	62.8	62.1	-0.7	-1.1%
3.7%	62.1	62.0	-0.1	-0.2%
4.9%	62.0	61.5	-0.5	-0.8%
6.2%	61.5	61.2	-0.3	-0.5%
7.4%	61.3	61.0	-0.3	-0.5%
8.6%	61.1	61.0	-0.1	-0.2%
9.9%	60.4	61.0	0.6	1.0%
11.1%	60.3	60.4	0.1	0.2%
12.3%	60.1	60.3	0.2	0.3%
13.6%	59.6	60.1	0.5	0.8%
14.8%	59.1	59.6	0.5	0.8%
16.0%	59.0	59.1	0.1	0.2%
17.3%	59.0	59.0	0.0	0.0%
18.5%	58.8	59.0	0.2	0.3%
19.8%	58.4	58.7	0.3	0.5%
21.0%	57.9	57.9	0.0	0.0%
22.2%	57.6	57.6	0.0	0.0%
23.5%	57.6	57.1	-0.5	-0.9%
24.7%	57.3	57.1	-0.2	-0.3%
25.9%	57.2	57.0	-0.2	-0.3%
27.2%	57.2	56.8	-0.4	-0.7%
28.4%	57.1	56.8	-0.3	-0.5%
29.6%	57.0	56.7	-0.3	-0.5%
30.9%	57.0	56.5	-0.5	-0.9%
32.1%	56.8	56.5	-0.3	-0.5%
33.3%	56.7	56.3	-0.4	-0.7%
34.6%	56.4	55.8	-0.6	-1.1%
35.8%	55.8	55.6	-0.2	-0.4%
37.0%	55.7	55.3	-0.4	-0.7%
38.3%	55.3	55.3	0.0	0.0%
39.5%	55.2	55.2	0.0	0.0%
40.7%	54.8	54.8	0.0	0.0%
42.0%	54.6	54.7	0.1	0.2%
43.2%	54.6	54.6	0.0	0.0%
44.4%	54.5	54.6	0.1	0.2%
45.7%	54.5	54.5	0.0	0.0%
46.9%	54.5	54.5	0.0	0.0%
48.1%	54.3	54.3	0.0	0.0%
49.4%	54.2	54.2	0.0	0.0%
50.6%	54.2	54.2	0.0	0.0%
51.9%	54.1	54.2	0.1	0.2%
53.1%	54.0	54.2	0.2	0.4%
54.3%	54.0	53.9	-0.1	-0.2%
55.6%	53.9	53.9	0.0	0.0%
56.8%	53.9	53.8	-0.1	-0.2%
58.0%	53.8	53.5	-0.3	-0.6%
59.3%	53.5	53.5	0.0	0.0%
60.5%	53.5	53.4	-0.1	-0.2%
61.7%	53.5	53.4	-0.1	-0.2%
63.0%	53.4	53.2	-0.2	-0.4%
64.2%	53.2	53.2	0.0	0.0%
65.4%	53.1	53.1	0.0	0.0%
66.7%	53.1	53.1	0.0	0.0%
67.9%	53.1	53.1	0.0	0.0%
69.1%	53.0	53.0	0.0	0.0%
70.4%	53.0	53.0	0.0	0.0%
71.6%	52.8	52.8	0.0	0.0%
72.8%	52.8	52.8	0.0	0.0%
74.1%	52.7	52.7	0.0	0.0%
75.3%	52.6	52.6	0.0	0.0%
76.5%	52.6	52.5	-0.1	-0.2%
77.8%	52.5	52.5	0.0	0.0%
79.0%	52.5	52.1	-0.4	-0.8%
80.2%	52.1	52.1	0.0	0.0%
81.5%	51.6	51.6	0.0	0.0%
82.7%	50.9	50.9	0.0	0.0%
84.0%	50.3	50.3	0.0	0.0%
85.2%	50.1	50.1	0.0	0.0%
86.4%	49.9	49.9	0.0	0.0%
87.7%	49.8	49.8	0.0	0.0%
88.9%	49.8	49.6	-0.2	-0.4%
90.1%	49.5	49.5	0.0	0.0%
91.4%	49.4	49.4	0.0	0.0%
92.6%	49.2	49.3	0.1	0.2%
93.8%	48.2	48.2	0.0	0.0%
95.1%	47.8	47.8	0.0	0.0%
96.3%	47.6	47.6	0.0	0.0%
97.5%	47.2	47.2	0.0	0.0%
98.8%	46.8	46.9	0.1	0.2%
100.0%	46.8	46.9	0.1	0.2%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.1	65.8	-0.3	-0.5%
1.2%	65.3	64.4	-0.9	-1.4%
2.5%	64.5	63.8	-0.7	-1.1%
3.7%	63.8	63.1	-0.7	-1.1%
4.9%	62.9	63.0	0.1	0.2%
6.2%	62.7	62.7	0.0	0.0%
7.4%	62.6	62.6	0.0	0.0%
8.6%	62.6	62.6	0.0	0.0%
9.9%	62.6	62.5	-0.1	-0.2%
11.1%	62.5	62.4	-0.1	-0.2%
12.3%	62.0	62.3	0.3	0.5%
13.6%	61.9	62.1	0.2	0.3%
14.8%	61.8	62.1	0.3	0.5%
16.0%	61.7	62.0	0.3	0.5%
17.3%	61.5	61.6	0.1	0.2%
18.5%	61.4	61.3	-0.1	-0.2%
19.8%	61.3	61.2	-0.1	-0.2%
21.0%	61.2	61.1	-0.1	-0.2%
22.2%	61.1	60.9	-0.2	-0.3%
23.5%	60.8	60.8	0.0	0.0%
24.7%	60.8	60.5	-0.3	-0.5%
25.9%	60.7	60.5	-0.2	-0.3%
27.2%	60.3	60.1	-0.2	-0.3%
28.4%	60.1	60.1	0.0	0.0%
29.6%	60.0	60.0	0.0	0.0%
30.9%	60.0	59.7	-0.3	-0.5%
32.1%	59.9	59.6	-0.3	-0.5%
33.3%	59.7	59.5	-0.2	-0.3%
34.6%	59.7	59.3	-0.4	-0.7%
35.8%	59.6	59.2	-0.4	-0.7%
37.0%	59.4	59.1	-0.3	-0.5%
38.3%	59.3	58.9	-0.4	-0.7%
39.5%	59.0	58.8	-0.2	-0.3%
40.7%	58.9	58.7	-0.2	-0.3%
42.0%	58.9	58.6	-0.3	-0.5%
43.2%	58.8	58.5	-0.3	-0.5%
44.4%	58.7	58.5	-0.2	-0.3%
45.7%	58.5	58.5	0.0	0.0%
46.9%	58.5	58.5	0.0	0.0%
48.1%	58.5	58.5	0.0	0.0%
49.4%	58.4	58.3	-0.1	-0.2%
50.6%	58.2	58.2	0.0	0.0%
51.9%	58.1	58.0	-0.1	-0.2%
53.1%	58.0	58.0	0.0	0.0%
54.3%	58.0	57.8	-0.2	-0.3%
55.6%	57.9	57.7	-0.2	-0.3%
56.8%	57.8	57.6	-0.2	-0.3%
58.0%	57.8	57.5	-0.3	-0.5%
59.3%	57.7	57.5	-0.2	-0.3%
60.5%	57.5	57.4	-0.1	-0.2%
61.7%	57.4	57.4	0.0	0.0%
63.0%	57.4	57.4	0.0	0.0%
64.2%	57.4	57.3	-0.1	-0.2%
65.4%	57.3	57.2	-0.1	-0.2%
66.7%	57.2	57.1	-0.1	-0.2%
67.9%	57.2	57.1	-0.1	-0.2%
69.1%	57.1	57.0	-0.1	-0.2%
70.4%	57.1	57.0	-0.1	-0.2%
71.6%	57.0	57.0	0.0	0.0%
72.8%	57.0	56.9	-0.1	-0.2%
74.1%	56.9	56.8	-0.1	-0.2%
75.3%	56.7	56.7	0.0	0.0%
76.5%	56.7	56.7	0.0	0.0%
77.8%	56.6	56.5	-0.1	-0.2%
79.0%	56.4	56.4	0.0	0.0%
80.2%	56.2	56.0	-0.2	-0.4%
81.5%	56.1	56.0	-0.1	-0.2%
82.7%	56.0	56.0	0.0	0.0%
84.0%	56.0	55.6	-0.4	-0.7%
85.2%	55.9	55.5	-0.4	-0.7%
86.4%	55.6	55.4	-0.2	-0.4%
87.7%	55.5	55.4	-0.1	-0.2%
88.9%	55.4	55.1	-0.3	-0.5%
90.1%	55.1	55.0	-0.1	-0.2%
91.4%	55.0	54.6	-0.4	-0.7%
92.6%	54.6	54.6	0.0	0.0%
93.8%	54.6	54.3	-0.3	-0.5%
95.1%	54.2	54.2	0.0	0.0%
96.3%	54.1	54.2	0.1	0.2%
97.5%	51.4	51.4	0.0	0.0%
98.8%	49.7	49.7	0.0	0.0%
100.0%	49.7	49.7	0.0	0.0%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.8	67.1	-0.7	-1.0%
1.2%	66.9	66.6	-0.3	-0.4%
2.5%	65.5	64.7	-0.8	-1.2%
3.7%	64.2	64.3	0.1	0.2%
4.9%	64.2	63.9	-0.3	-0.5%
6.2%	63.1	63.1	0.0	0.0%
7.4%	62.7	62.7	0.0	0.0%
8.6%	62.6	62.5	-0.1	-0.2%
9.9%	62.4	61.8	-0.6	-1.0%
11.1%	62.3	61.7	-0.6	-1.0%
12.3%	62.1	61.7	-0.4	-0.6%
13.6%	61.7	61.3	-0.4	-0.6%
14.8%	61.7	61.2	-0.5	-0.8%
16.0%	61.3	60.8	-0.5	-0.8%
17.3%	60.9	60.6	-0.3	-0.5%
18.5%	60.8	60.5	-0.3	-0.5%
19.8%	60.7	60.4	-0.3	-0.5%
21.0%	60.5	60.3	-0.2	-0.3%
22.2%	60.4	60.3	-0.1	-0.2%
23.5%	60.4	60.1	-0.3	-0.5%
24.7%	60.3	60.1	-0.2	-0.3%
25.9%	60.3	60.1	-0.2	-0.3%
27.2%	60.1	60.0	-0.1	-0.2%
28.4%	60.1	59.8	-0.3	-0.5%
29.6%	60.1	59.8	-0.3	-0.5%
30.9%	59.9	59.8	-0.1	-0.2%
32.1%	59.9	59.7	-0.2	-0.3%
33.3%	59.8	59.7	-0.1	-0.2%
34.6%	59.8	59.7	-0.1	-0.2%
35.8%	59.7	59.6	-0.1	-0.2%
37.0%	59.6	59.5	-0.1	-0.2%
38.3%	59.6	59.5	-0.1	-0.2%
39.5%	59.5	59.5	0.0	0.0%
40.7%	59.5	59.4	-0.1	-0.2%
42.0%	59.4	59.4	0.0	0.0%
43.2%	59.4	59.3	-0.1	-0.2%
44.4%	59.4	59.3	-0.1	-0.2%
45.7%	59.4	59.2	-0.2	-0.3%
46.9%	59.3	59.2	-0.1	-0.2%
48.1%	59.2	59.1	-0.1	-0.2%
49.4%	59.2	59.0	-0.2	-0.3%
50.6%	59.1	59.0	-0.1	-0.2%
51.9%	59.0	58.9	-0.1	-0.2%
53.1%	58.9	58.7	-0.2	-0.3%
54.3%	58.9	58.7	-0.2	-0.3%
55.6%	58.9	58.5	-0.4	-0.7%
56.8%	58.7	58.5	-0.2	-0.3%
58.0%	58.7	58.5	-0.2	-0.3%
59.3%	58.6	58.5	-0.1	-0.2%
60.5%	58.6	58.5	-0.1	-0.2%
61.7%	58.5	58.3	-0.2	-0.3%
63.0%	58.5	58.3	-0.2	-0.3%
64.2%	58.5	58.3	-0.2	-0.3%
65.4%	58.5	58.2	-0.3	-0.5%
66.7%	58.4	58.2	-0.2	-0.3%
67.9%	58.4	58.2	-0.2	-0.3%
69.1%	58.3	58.2	-0.1	-0.2%
70.4%	58.3	58.2	-0.1	-0.2%
71.6%	58.2	58.1	-0.1	-0.2%
72.8%	58.2	58.1	-0.1	-0.2%
74.1%	58.2	58.0	-0.2	-0.3%
75.3%	58.1	57.6	-0.5	-0.9%
76.5%	58.1	57.5	-0.6	-1.0%
77.8%	58.1	57.4	-0.7	-1.2%
79.0%	58.0	57.4	-0.6	-1.0%
80.2%	58.0	57.4	-0.6	-1.0%
81.5%	57.9	57.2	-0.7	-1.2%
82.7%	57.5	57.1	-0.4	-0.7%
84.0%	57.4	57.1	-0.3	-0.5%
85.2%	57.2	57.1	-0.1	-0.2%
86.4%	57.1	57.1	0.0	0.0%
87.7%	57.0	57.0	0.0	0.0%
88.9%	56.9	57.0	0.1	0.2%
90.1%	56.9	56.8	-0.1	-0.2%
91.4%	56.8	56.7	-0.1	-0.2%
92.6%	56.4	56.6	0.2	0.4%
93.8%	56.3	56.5	0.2	0.4%
95.1%	56.3	56.3	0.0	0.0%
96.3%	56.1	56.2	0.1	0.2%
97.5%	55.1	55.1	0.0	0.0%
98.8%	54.5	55.1	0.6	1.1%
100.0%	54.5	55.1	0.6	1.1%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.3	64.6	-1.7	-2.6%
1.2%	65.5	64.1	-1.4	-2.1%
2.5%	62.4	62.1	-0.3	-0.5%
3.7%	61.8	61.3	-0.5	-0.8%
4.9%	61.3	61.1	-0.2	-0.3%
6.2%	60.7	60.6	-0.1	-0.2%
7.4%	60.3	59.9	-0.4	-0.7%
8.6%	59.8	59.4	-0.4	-0.7%
9.9%	58.5	59.0	0.5	0.9%
11.1%	57.8	58.8	1.0	1.7%
12.3%	57.8	58.1	0.3	0.5%
13.6%	57.7	57.9	0.2	0.3%
14.8%	57.5	57.6	0.1	0.2%
16.0%	57.1	57.6	0.5	0.9%
17.3%	57.0	57.6	0.6	1.1%
18.5%	56.6	57.3	0.7	1.2%
19.8%	56.6	56.6	0.0	0.0%
21.0%	56.6	56.6	0.0	0.0%
22.2%	56.3	56.4	0.1	0.2%
23.5%	56.3	56.0	-0.3	-0.5%
24.7%	55.9	55.9	0.0	0.0%
25.9%	55.9	55.9	0.0	0.0%
27.2%	55.9	55.9	0.0	0.0%
28.4%	55.8	55.9	0.1	0.2%
29.6%	55.8	55.9	0.1	0.2%
30.9%	55.7	55.8	0.1	0.2%
32.1%	55.5	55.8	0.3	0.5%
33.3%	55.4	55.8	0.4	0.7%
34.6%	55.4	55.7	0.3	0.5%
35.8%	55.4	55.6	0.2	0.4%
37.0%	55.4	55.4	0.0	0.0%
38.3%	55.3	55.4	0.1	0.2%
39.5%	55.3	55.4	0.1	0.2%
40.7%	55.3	55.4	0.1	0.2%
42.0%	55.2	55.4	0.2	0.4%
43.2%	55.2	55.3	0.1	0.2%
44.4%	55.1	55.2	0.1	0.2%
45.7%	55.0	55.1	0.1	0.2%
46.9%	55.0	55.1	0.1	0.2%
48.1%	54.9	55.0	0.1	0.2%
49.4%	54.9	54.9	0.0	0.0%
50.6%	54.8	54.9	0.1	0.2%
51.9%	54.8	54.9	0.1	0.2%
53.1%	54.8	54.9	0.1	0.2%
54.3%	54.8	54.8	0.0	0.0%
55.6%	54.7	54.8	0.1	0.2%
56.8%	54.7	54.8	0.1	0.2%
58.0%	54.7	54.6	-0.1	-0.2%
59.3%	54.6	54.6	0.0	0.0%
60.5%	54.6	54.6	0.0	0.0%
61.7%	54.6	54.6	0.0	0.0%
63.0%	54.6	54.5	-0.1	-0.2%
64.2%	54.5	54.5	0.0	0.0%
65.4%	54.4	54.4	0.0	0.0%
66.7%	54.3	54.4	0.1	0.2%
67.9%	54.3	54.3	0.0	0.0%
69.1%	54.3	54.3	0.0	0.0%
70.4%	54.1	54.2	0.1	0.2%
71.6%	54.1	54.2	0.1	0.2%
72.8%	54.0	54.1	0.1	0.2%
74.1%	54.0	54.0	0.0	0.0%
75.3%	54.0	54.0	0.0	0.0%
76.5%	53.9	54.0	0.1	0.2%
77.8%	53.9	53.9	0.0	0.0%
79.0%	53.8	53.8	0.0	0.0%
80.2%	53.7	53.7	0.0	0.0%
81.5%	53.7	53.6	-0.1	-0.2%
82.7%	53.6	53.6	0.0	0.0%
84.0%	53.6	53.5	-0.1	-0.2%
85.2%	53.6	53.4	-0.2	-0.4%
86.4%	53.3	53.3	0.0	0.0%
87.7%	53.3	53.3	0.0	0.0%
88.9%	53.2	53.2	0.0	0.0%
90.1%	53.0	53.2	0.2	0.4%
91.4%	53.0	53.1	0.1	0.2%
92.6%	53.0	53.1	0.1	0.2%
93.8%	53.0	53.0	0.0	0.0%
95.1%	52.6	52.6	0.0	0.0%
96.3%	52.3	52.3	0.0	0.0%
97.5%	51.5	52.0	0.5	1.0%
98.8%	50.9	50.7	-0.2	-0.4%
100.0%	50.9	50.7	-0.2	-0.4%

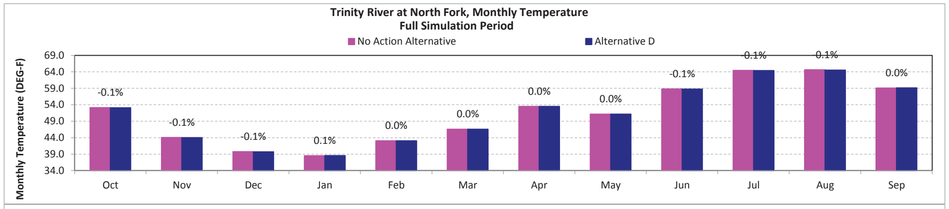
Table SQ-35-9a
Trinity River at North Fork, Monthly Temperature
Long-term Average and Average by Water Year Type

Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	53.2	44.1	39.8	38.5	43.1	46.6	53.5	51.2	58.8	64.5	64.6	59.1
Alternative D	53.1	44.0	39.7	38.6	43.1	46.6	53.5	51.2	58.8	64.4	64.6	59.1
Difference	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0
Percent Difference[3]	-0.1%	-0.1%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	0.0%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	52.5	44.1	40.5	39.6	43.3	46.0	52.7	50.1	55.3	62.8	64.9	59.0
Alternative D	52.5	44.1	40.4	39.6	43.3	46.0	52.7	50.1	55.3	62.8	64.7	59.1
Difference	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	0.1
Percent Difference	0.0%	0.0%	-0.2%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	-0.3%	0.1%
Above Normal (15%)												
No Action Alternative	52.5	42.8	39.6	38.3	43.1	46.4	53.5	50.3	57.8	63.4	64.1	58.3
Alternative D	52.3	42.8	39.5	38.3	43.1	46.4	53.5	50.3	57.7	63.3	63.7	58.5
Difference	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.3	0.2
Percent Difference	-0.3%	0.0%	-0.1%	0.0%	0.1%	0.1%	0.0%	-0.1%	-0.1%	-0.3%	-0.5%	0.3%
Below Normal (17%)												
No Action Alternative	53.6	44.4	39.5	37.9	42.6	46.5	53.9	50.9	59.5	64.9	64.9	59.5
Alternative D	53.6	44.4	39.5	37.9	42.6	46.5	54.0	51.0	59.5	64.7	64.9	59.6
Difference	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	0.0	0.1
Percent Difference	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	-0.2%	0.0%	0.1%
Dry (22%)												
No Action Alternative	53.0	44.2	39.8	37.7	42.8	46.9	54.0	51.5	61.5	65.2	63.9	58.5
Alternative D	53.1	44.1	39.8	37.8	42.8	46.9	53.9	51.4	61.4	65.1	64.0	58.5
Difference	0.1	-0.1	0.0	0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1	0.1	0.0
Percent Difference	0.1%	-0.2%	-0.1%	0.3%	0.0%	-0.1%	-0.1%	-0.1%	-0.2%	-0.1%	0.2%	0.0%
Critical (15%)												
No Action Alternative	54.9	44.6	38.5	38.3	43.4	47.5	54.0	54.3	63.2	67.8	65.4	60.6
Alternative D	54.6	44.5	38.5	38.3	43.4	47.5	54.1	54.2	63.2	67.8	65.3	60.3
Difference	-0.4	-0.1	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	-0.3
Percent Difference	-0.7%	-0.2%	0.0%	0.2%	0.0%	-0.1%	0.1%	-0.2%	-0.1%	0.0%	-0.2%	-0.5%

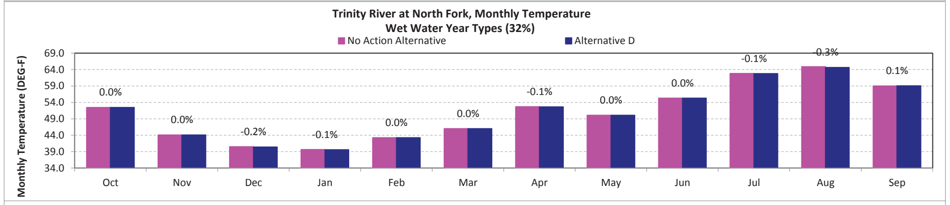
1 Based on the 82-year simulation period

2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

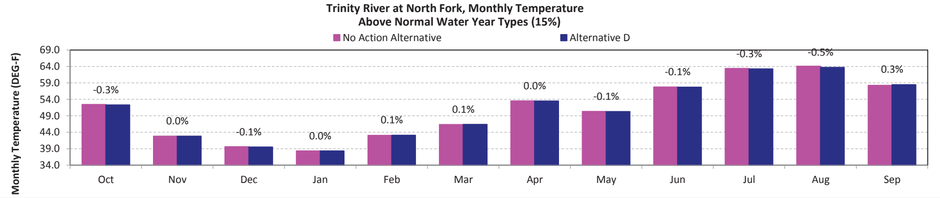
3 Relative difference of the monthly average



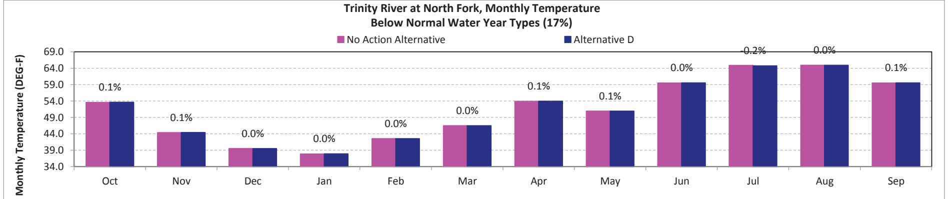
Trinity River at North Fork, Monthly Temperature
Full Simulation Period



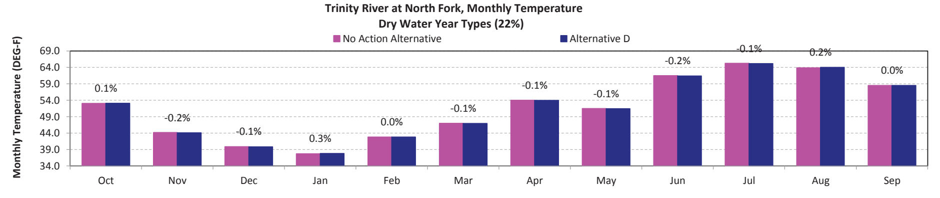
Trinity River at North Fork, Monthly Temperature
Wet Water Year Types (32%)



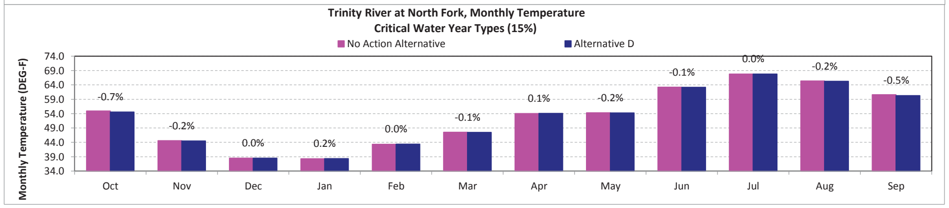
Trinity River at North Fork, Monthly Temperature
Above Normal Water Year Types (15%)



Trinity River at North Fork, Monthly Temperature
Below Normal Water Year Types (17%)



Trinity River at North Fork, Monthly Temperature
Dry Water Year Types (22%)



Trinity River at North Fork, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-35-9b
Trinity River at North Fork, Monthly Temperature
Probability of Exceedance

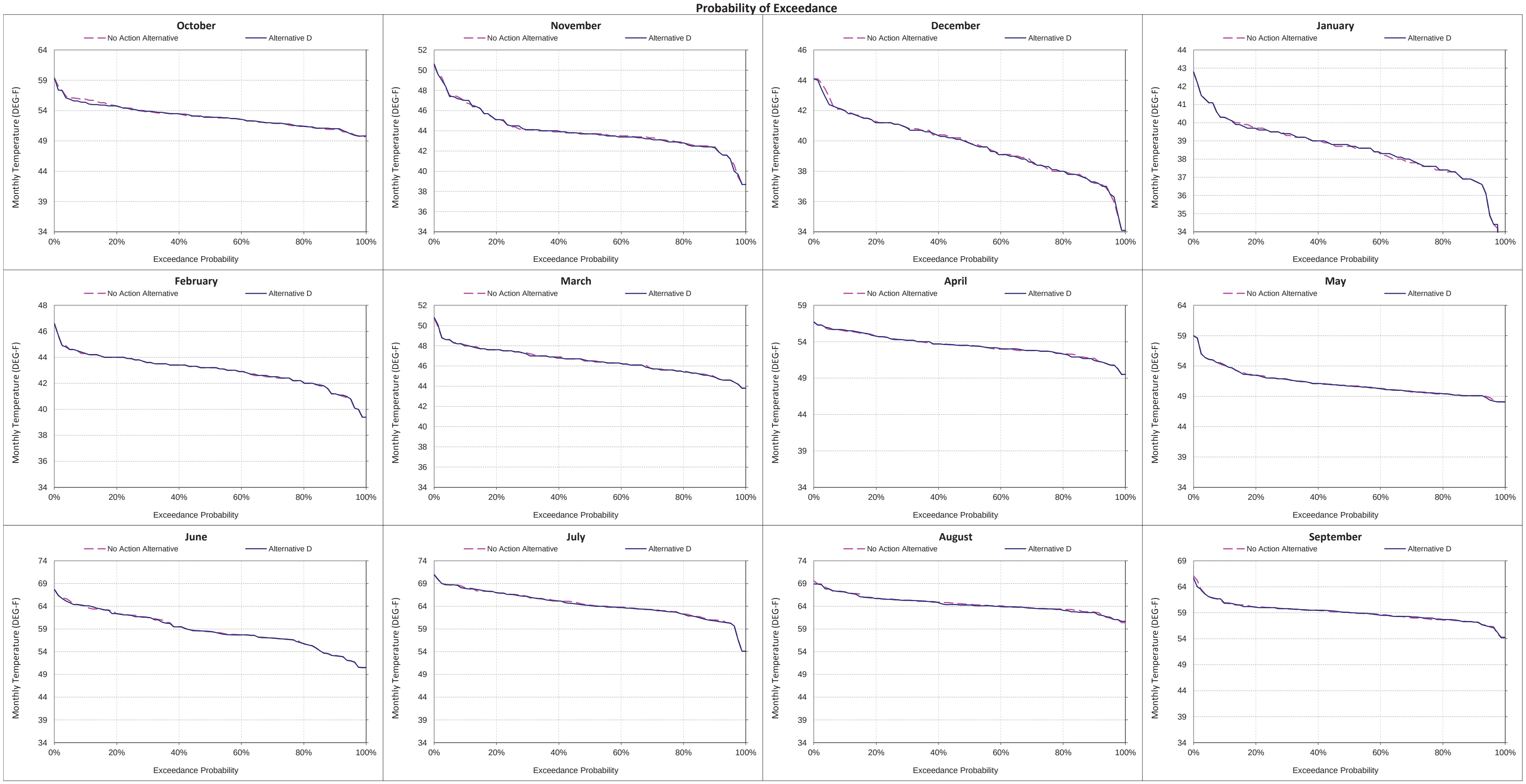


Table SQ-35-9b

Trinity River at North Fork, Monthly Temperature
Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	59.3	59.4	0.1	0.2%
1.2%	58.1	57.4	-0.7	-1.2%
2.5%	57.3	57.3	0.0	0.0%
3.7%	56.4	56.1	-0.3	-0.5%
4.9%	56.1	55.9	-0.2	-0.4%
6.2%	56.1	55.6	-0.5	-0.9%
7.4%	56.0	55.6	-0.4	-0.7%
8.6%	55.9	55.4	-0.5	-0.9%
9.9%	55.9	55.4	-0.5	-0.9%
11.1%	55.7	55.1	-0.6	-1.1%
12.3%	55.7	55.0	-0.7	-1.3%
13.6%	55.5	55.0	-0.5	-0.9%
14.8%	55.3	54.9	-0.4	-0.7%
16.0%	55.3	54.9	-0.4	-0.7%
17.3%	55.0	54.8	-0.2	-0.4%
18.5%	54.9	54.8	-0.1	-0.2%
19.8%	54.8	54.8	0.0	0.0%
21.0%	54.6	54.6	0.0	0.0%
22.2%	54.5	54.4	-0.1	-0.2%
23.5%	54.4	54.4	0.0	0.0%
24.7%	54.4	54.2	-0.2	-0.4%
25.9%	54.1	54.2	0.1	0.2%
27.2%	54.0	54.0	0.0	0.0%
28.4%	53.9	54.0	0.1	0.2%
29.6%	53.8	53.9	0.1	0.2%
30.9%	53.8	53.9	0.1	0.2%
32.1%	53.7	53.8	0.1	0.2%
33.3%	53.6	53.7	0.1	0.2%
34.6%	53.6	53.7	0.1	0.2%
35.8%	53.6	53.6	0.0	0.0%
37.0%	53.5	53.5	0.0	0.0%
38.3%	53.5	53.5	0.0	0.0%
39.5%	53.5	53.5	0.0	0.0%
40.7%	53.4	53.4	0.0	0.0%
42.0%	53.2	53.4	0.2	0.4%
43.2%	53.1	53.3	0.2	0.4%
44.4%	53.1	53.1	0.0	0.0%
45.7%	53.1	53.1	0.0	0.0%
46.9%	53.0	53.1	0.1	0.2%
48.1%	53.0	52.9	-0.1	-0.2%
49.4%	53.0	52.9	-0.1	-0.2%
50.6%	52.9	52.9	0.0	0.0%
51.9%	52.8	52.9	0.1	0.2%
53.1%	52.8	52.9	0.1	0.2%
54.3%	52.8	52.8	0.0	0.0%
55.6%	52.8	52.8	0.0	0.0%
56.8%	52.7	52.7	0.0	0.0%
58.0%	52.7	52.7	0.0	0.0%
59.3%	52.6	52.6	0.0	0.0%
60.5%	52.6	52.5	-0.1	-0.2%
61.7%	52.3	52.3	0.0	0.0%
63.0%	52.3	52.3	0.0	0.0%
64.2%	52.2	52.3	0.1	0.2%
65.4%	52.1	52.2	0.1	0.2%
66.7%	52.1	52.1	0.0	0.0%
67.9%	52.0	52.0	0.0	0.0%
69.1%	52.0	52.0	0.0	0.0%
70.4%	51.9	51.9	0.0	0.0%
71.6%	51.9	51.9	0.0	0.0%
72.8%	51.9	51.9	0.0	0.0%
74.1%	51.8	51.8	0.0	0.0%
75.3%	51.6	51.8	0.2	0.4%
76.5%	51.5	51.6	0.1	0.2%
77.8%	51.5	51.5	0.0	0.0%
79.0%	51.5	51.4	-0.1	-0.2%
80.2%	51.4	51.4	0.0	0.0%
81.5%	51.4	51.3	-0.1	-0.2%
82.7%	51.2	51.3	0.1	0.2%
84.0%	51.1	51.1	0.0	0.0%
85.2%	51.1	51.1	0.0	0.0%
86.4%	51.0	51.1	0.1	0.2%
87.7%	50.9	51.1	0.2	0.4%
88.9%	50.9	51.0	0.1	0.2%
90.1%	50.9	51.0	0.1	0.2%
91.4%	50.9	51.0	0.1	0.2%
92.6%	50.5	50.7	0.2	0.4%
93.8%	50.5	50.4	-0.1	-0.2%
95.1%	50.3	50.2	-0.1	-0.2%
96.3%	50.0	49.9	-0.1	-0.2%
97.5%	49.8	49.8	0.0	0.0%
98.8%	49.7	49.8	0.1	0.2%
100.0%	49.7	49.8	0.1	0.2%

November				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	50.5	50.6	0.1	0.2%
1.2%	49.6	49.6	0.0	0.0%
2.5%	49.3	49.0	-0.3	-0.6%
3.7%	48.3	48.4	0.1	0.2%
4.9%	47.5	47.4	-0.1	-0.2%
6.2%	47.5	47.4	-0.1	-0.2%
7.4%	47.4	47.2	-0.2	-0.4%
8.6%	47.2	47.1	-0.1	-0.2%
9.9%	46.8	47.0	0.2	0.4%
11.1%	46.7	47.0	0.3	0.6%
12.3%	46.5	46.4	-0.1	-0.2%
13.6%	46.5	46.4	-0.1	-0.2%
14.8%	46.2	46.2	0.0	0.0%
16.0%	45.7	45.7	0.0	0.0%
17.3%	45.6	45.7	0.1	0.2%
18.5%	45.4	45.4	0.0	0.0%
19.8%	45.1	45.1	0.0	0.0%
21.0%	45.1	45.1	0.0	0.0%
22.2%	45.1	45.0	-0.1	-0.2%
23.5%	44.6	44.6	0.0	0.0%
24.7%	44.4	44.5	0.1	0.2%
25.9%	44.4	44.5	0.1	0.2%
27.2%	44.2	44.5	0.3	0.7%
28.4%	44.1	44.2	0.1	0.2%
29.6%	44.1	44.1	0.0	0.0%
30.9%	44.1	44.1	0.0	0.0%
32.1%	44.1	44.1	0.0	0.0%
33.3%	44.0	44.1	0.1	0.2%
34.6%	44.0	44.0	0.0	0.0%
35.8%	44.0	44.0	0.0	0.0%
37.0%	44.0	44.0	0.0	0.0%
38.3%	43.9	44.0	0.1	0.2%
39.5%	43.9	44.0	0.1	0.2%
40.7%	43.9	43.9	0.0	0.0%
42.0%	43.8	43.9	0.1	0.2%
43.2%	43.8	43.8	0.0	0.0%
44.4%	43.8	43.8	0.0	0.0%
45.7%	43.8	43.8	0.0	0.0%
46.9%	43.8	43.7	-0.1	-0.2%
48.1%	43.7	43.7	0.0	0.0%
49.4%	43.7	43.7	0.0	0.0%
50.6%	43.7	43.7	0.0	0.0%
51.9%	43.7	43.7	0.0	0.0%
53.1%	43.7	43.6	-0.1	-0.2%
54.3%	43.7	43.6	-0.1	-0.2%
55.6%	43.6	43.5	-0.1	-0.2%
56.8%	43.5	43.5	0.0	0.0%
58.0%	43.5	43.5	0.0	0.0%
59.3%	43.5	43.4	-0.1	-0.2%
60.5%	43.5	43.4	-0.1	-0.2%
61.7%	43.5	43.4	-0.1	-0.2%
63.0%	43.5	43.4	-0.1	-0.2%
64.2%	43.4	43.4	0.0	0.0%
65.4%	43.4	43.3	-0.1	-0.2%
66.7%	43.4	43.3	-0.1	-0.2%
67.9%	43.4	43.2	-0.2	-0.5%
69.1%	43.3	43.2	-0.1	-0.2%
70.4%	43.3	43.1	-0.2	-0.5%
71.6%	43.2	43.1	-0.1	-0.2%
72.8%	43.1	43.1	0.0	0.0%
74.1%	43.1	43.0	-0.1	-0.2%
75.3%	43.0	42.9	-0.1	-0.2%
76.5%	43.0	42.9	-0.1	-0.2%
77.8%	42.9	42.9	0.0	0.0%
79.0%	42.9	42.8	-0.1	-0.2%
80.2%	42.8	42.8	0.0	0.0%
81.5%	42.7	42.6	-0.1	-0.2%
82.7%	42.6	42.5	-0.1	-0.2%
84.0%	42.5	42.5	0.0	0.0%
85.2%	42.5	42.5	0.0	0.0%
86.4%	42.5	42.4	-0.1	-0.2%
87.7%	42.5	42.4	-0.1	-0.2%
88.9%	42.4	42.4	0.0	0.0%
90.1%	42.4	42.3	-0.1	-0.2%
91.4%	41.9	41.9	0.0	0.0%
92.6%	41.6	41.6	0.0	0.0%
93.8%	41.6	41.6	0.0	0.0%
95.1%	41.2	41.2	0.0	0.0%
96.3%	40.6	40.0	-0.6	-1.5%
97.5%	39.4	39.7	0.3	0.8%
98.8%	38.8	38.7	-0.1	-0.3%
100.0%	38.8	38.7	-0.1	-0.3%

December				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	44.1	44.1	0.0	0.0%
1.2%	44.1	44.0	-0.1	-0.2%
2.5%	43.8	43.4	-0.4	-0.9%
3.7%	43.4	42.9	-0.5	-1.2%
4.9%	42.9	42.4	-0.5	-1.2%
6.2%	42.3	42.3	0.0	0.0%
7.4%	42.1	42.2	0.1	0.2%
8.6%	42.1	42.1	0.0	0.0%
9.9%	42.0	42.0	0.0	0.0%
11.1%	41.9	41.8	-0.1	-0.2%
12.3%	41.8	41.8	0.0	0.0%
13.6%	41.7	41.7	0.0	0.0%
14.8%	41.7	41.6	-0.1	-0.2%
16.0%	41.5	41.5	0.0	0.0%
17.3%	41.5	41.5	0.0	0.0%
18.5%	41.4	41.4	0.0	0.0%
19.8%	41.3	41.2	-0.1	-0.2%
21.0%	41.2	41.2	0.0	0.0%
22.2%	41.2	41.2	0.0	0.0%
23.5%	41.2	41.2	0.0	0.0%
24.7%	41.2	41.2	0.0	0.0%
25.9%	41.1	41.1	0.0	0.0%
27.2%	41.1	41.1	0.0	0.0%
28.4%	41.0	41.0	0.0	0.0%
29.6%	40.9	40.9	0.0	0.0%
30.9%	40.8	40.7	-0.1	-0.2%
32.1%	40.8	40.7	-0.1	-0.2%
33.3%	40.8	40.7	-0.1	-0.2%
34.6%	40.7	40.7	0.0	0.0%
35.8%	40.7	40.6	-0.1	-0.2%
37.0%	40.7	40.6	-0.1	-0.2%
38.3%	40.4	40.5	0.1	0.2%
39.5%	40.4	40.4	0.0	0.0%
40.7%	40.4	40.3	-0.1	-0.2%
42.0%	40.4	40.3	-0.1	-0.2%
43.2%	40.3	40.2	-0.1	-0.2%
44.4%	40.2	40.2	0.0	0.0%
45.7%	40.2	40.1	-0.1	-0.2%
46.9%	40.2	40.1	-0.1	-0.2%
48.1%	40.1	40.0	-0.1	-0.2%
49.4%	39.9	39.9	0.0	0.0%
50.6%	39.8	39.8	0.0	0.0%
51.9%	39.8	39.7	-0.1	-0.3%
53.1%	39.7	39.6	-0.1	-0.3%
54.3%	39.6	39.6	0.0	0.0%
55.6%	39.6	39.6	0.0	0.0%
56.8%	39.4	39.3	-0.1	-0.3%
58.0%	39.3	39.3	0.0	0.0%
59.3%	39.2	39.1	-0.1	-0.3%
60.5%	39.1	39.1	0.0	0.0%
61.7%	39.1	39.1	0.0	0.0%
63.0%	39.1	39.0	-0.1	-0.3%
64.2%	39.0	39.0	0.0	0.0%
65.4%	39.0	38.9	-0.1	-0.3%
66.7%	38.9	38.8	-0.1	-0.3%
67.9%	38.9	38.8	-0.1	-0.3%
69.1%	38.8	38.6	-0.2	-0.5%
70.4%	38.5	38.6	0.1	0.3%
71.6%	38.4	38.4	0.0	0.0%
72.8%	38.4	38.4	0.0	0.0%
74.1%	38.3	38.3	0.0	0.0%
75.3%	38.1	38.3	0.2	0.5%
76.5%	38.0	38.1	0.1	0.3%
77.8%	38.0	38.1	0.1	0.3%
79.0%	38.0	38.0	0.0	0.0%
80.2%	38.0	38.0	0.0	0.0%
81.5%	37.9	37.8	-0.1	-0.3%
82.7%	37.8	37.8	0.0	0.0%
84.0%	37.8	37.8	0.0	0.0%
85.2%	37.8	37.7	-0.1	-0.3%
86.4%	37.6	37.6	0.0	0.0%
87.7%	37.6	37.5	-0.1	-0.3%
88.9%	37.3	37.3	0.0	0.0%
90.1%	37.2	37.3	0.1	0.3%
91.4%	37.2	37.2	0.0	0.0%
92.6%	37.1	37.0	-0.1	-0.3%
93.8%	36.9	37.0	0.1	0.3%
95.1%	36.5	36.5	0.0	0.0%
96.3%	36.0	36.3	0.3	0.8%
97.5%	35.1	35.2	0.1	0.3%
98.8%	34.1	34.1	0.0	0.0%
100.0%	34.1	34.1	0.0	0.0%

January				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	42.8	42.8	0.0	0.0%
1.2%	42.2	42.2	0.0	0.0%
2.5%	41.5	41.5	0.0	0.0%
3.7%	41.3	41.3	0.0	0.0%
4.9%	41.1	41.1	0.0	0.0%
6.2%	41.1	41.1	0.0	0.0%
7.4%	40.6	40.6	0.0	0.0%
8.6%	40.3	40.3	0.0	0.0%
9.9%	40.3	40.3	0.0	0.0%
11.1%	40.2	40.2	0.0	0.0%
12.3%	40.1	40.1	0.0	0.0%
13.6%	40.0	39.9	-0.1	-0.2%
14.8%	40.0	39.9	-0.1	-0.2%
16.0%	39.9	39.8	-0.1	-0.3%
17.3%	39.9	39.7	-0.2	-0.5%
18.5%	39.8	39.7	-0.1	-0.3%
19.8%	39.7	39.7	0.0	0.0%
21.0%	39.7	39.6	-0.1	-0.3%
22.2%	39.7	39.6	-0.1	-0.3%
23.5%	39.6	39.6	0.0	0.0%
24.7%	39.5	39.5	0.0	0.0%
25.9%	39.5	39.5	0.0	0.0%
27.2%	39.5	39.5	0.0	0.0%
28.4%	39.5	39.4	-0.1	-0.3%
29.6%	39.3	39.4	0.1	0.3%
30.9%	39.3	39.4	0.1	0.3%
32.1%	39.2	39.3	0.1	0.3%
33.3%	39.2	39.2	0.0	0.0%
34.6%	39.2	39.2	0.0	0.0%
35.8%	39.2	39.2	0.0	0.0%
37.0%	39.1	39.1	0.0	0.0%
38.3%	39.0	39.0	0.0	0.0%
39.5%	39.0	39.0	0.0	0.0%
40.7%	39.0	39.0	0.0	0.0%
42.0%	38.9	39.0	0.1	0.3%
43.2%	38.9	38.9	0.0	0.0%
44.4%	38.8	38.8	0.0	0.0%
45.7%	38.7	38.8	0.1	0.3%
46.9%	38.7	38.8	0.1	0.3%
48.1%	38.7	38.8	0.1	0.3%
49.4%	38.7	38.8	0.1	0.3%
50.6%	38.7	38.7	0.0	0.0%
51.9%	38.6	38.7	0.1	0.3%
53.1%	38.6	38.6	0.0	0.0%
54.3%	38.6	38.6	0.0	0.0%
55.6%	38.6	38.6	0.0	0.0%
56.8%	38.6	38.6	0.0	0.0%
58.0%	38.4	38.4	0.0	0.0%
59.3%	38.4	38.4	0.0	0.0%
60.5%	38.2	38.3	0.1	0.3%
61.7%	38.2	38.3	0.1	0.3%
63.0%	38.1	38.3	0.2	0.5%
64.2%	38.0	38.2	0.2	0.5%
65.4%	38.0	38.1	0.1	0.3%
66.7%	38.0	38.1	0.1	0.3%
67.9%	37.9	38.0	0.1	0.3%
69.1%	37.8	38.0	0.2	0.5%
70.4%	37.8	37.9	0.1	0.3%
71.6%	37.8	37.8	0.0	0.0%
72.8%	37.6	37.7	0.1	0.3%
74.1%	37.6	37.6	0.0	0.0%
75.3%	37.6	37.6	0.0	0.0%
76.5%	37.6	37.6	0.0	0.0%
77.8%	37.4	37.6	0.2	0.5%
79.0%	37.4	37.4	0.0	0.0%
80.2%	37.4	37.4	0.0	0.0%
81.5%	37.3	37.4	0.1	0.3%
82.7%	37.3	37.3	0.0	0.0%
84.0%	37.3	37.3	0.0	0.0%
85.2%	37.1	37.1	0.0	0.0%
86.4%	36.9	36.9	0.0	0.0%
87.7%	36.9	36.9	0.0	0.0%
88.9%	36.9	36.9	0.0	0.0%
90.1%	36.8	36.8	0.0	0.0%
91.4%	36.7	36.7	0.0	0.0%
92.6%	36.6	36.6	0.0	0.0%
93.8%	36.1	36.1	0.0	0.0%
95.1%	34.9	34.9	0.0	0.0%
96.3%	34.4	34.4	0.0	0.0%
97.5%	34.2	34.4	0.2	0.6%
98.8%	29.0	29.0	0.0	0.0%
100.0%	29.0	29.0	0.0	0.0%

Table SQ-35-9b

Trinity River at North Fork, Monthly Temperature

Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	46.6	46.6	0.0	0.0%
1.2%	45.7	45.7	0.0	0.0%
2.5%	44.9	44.9	0.0	0.0%
3.7%	44.9	44.8	-0.1	-0.2%
4.9%	44.6	44.6	0.0	0.0%
6.2%	44.6	44.6	0.0	0.0%
7.4%	44.5	44.5	0.0	0.0%
8.6%	44.3	44.4	0.1	0.2%
9.9%	44.3	44.3	0.0	0.0%
11.1%	44.2	44.2	0.0	0.0%
12.3%	44.2	44.2	0.0	0.0%
13.6%	44.2	44.2	0.0	0.0%
14.8%	44.1	44.1	0.0	0.0%
16.0%	44.0	44.0	0.0	0.0%
17.3%	44.0	44.0	0.0	0.0%
18.5%	44.0	44.0	0.0	0.0%
19.8%	44.0	44.0	0.0	0.0%
21.0%	44.0	44.0	0.0	0.0%
22.2%	44.0	44.0	0.0	0.0%
23.5%	43.9	43.9	0.0	0.0%
24.7%	43.9	43.9	0.0	0.0%
25.9%	43.8	43.8	0.0	0.0%
27.2%	43.8	43.8	0.0	0.0%
28.4%	43.7	43.7	0.0	0.0%
29.6%	43.6	43.6	0.0	0.0%
30.9%	43.6	43.6	0.0	0.0%
32.1%	43.5	43.5	0.0	0.0%
33.3%	43.5	43.5	0.0	0.0%
34.6%	43.5	43.5	0.0	0.0%
35.8%	43.5	43.5	0.0	0.0%
37.0%	43.4	43.4	0.0	0.0%
38.3%	43.4	43.4	0.0	0.0%
39.5%	43.4	43.4	0.0	0.0%
40.7%	43.4	43.4	0.0	0.0%
42.0%	43.4	43.4	0.0	0.0%
43.2%	43.3	43.3	0.0	0.0%
44.4%	43.3	43.3	0.0	0.0%
45.7%	43.3	43.3	0.0	0.0%
46.9%	43.2	43.2	0.0	0.0%
48.1%	43.2	43.2	0.0	0.0%
49.4%	43.2	43.2	0.0	0.0%
50.6%	43.2	43.2	0.0	0.0%
51.9%	43.2	43.2	0.0	0.0%
53.1%	43.1	43.1	0.0	0.0%
54.3%	43.1	43.1	0.0	0.0%
55.6%	43.0	43.0	0.0	0.0%
56.8%	43.0	43.0	0.0	0.0%
58.0%	43.0	43.0	0.0	0.0%
59.3%	42.9	42.9	0.0	0.0%
60.5%	42.9	42.9	0.0	0.0%
61.7%	42.8	42.8	0.0	0.0%
63.0%	42.7	42.7	0.0	0.0%
64.2%	42.6	42.7	0.1	0.2%
65.4%	42.6	42.6	0.0	0.0%
66.7%	42.6	42.6	0.0	0.0%
67.9%	42.5	42.6	0.1	0.2%
69.1%	42.5	42.5	0.0	0.0%
70.4%	42.5	42.5	0.0	0.0%
71.6%	42.4	42.5	0.1	0.2%
72.8%	42.4	42.4	0.0	0.0%
74.1%	42.4	42.4	0.0	0.0%
75.3%	42.4	42.4	0.0	0.0%
76.5%	42.2	42.2	0.0	0.0%
77.8%	42.2	42.2	0.0	0.0%
79.0%	42.2	42.2	0.0	0.0%
80.2%	42.0	42.0	0.0	0.0%
81.5%	42.0	42.0	0.0	0.0%
82.7%	42.0	42.0	0.0	0.0%
84.0%	41.9	41.9	0.0	0.0%
85.2%	41.9	41.8	-0.1	-0.2%
86.4%	41.8	41.8	0.0	0.0%
87.7%	41.6	41.6	0.0	0.0%
88.9%	41.2	41.2	0.0	0.0%
90.1%	41.2	41.2	0.0	0.0%
91.4%	41.1	41.1	0.0	0.0%
92.6%	41.0	41.1	0.1	0.2%
93.8%	40.9	41.0	0.1	0.2%
95.1%	40.8	40.8	0.0	0.0%
96.3%	40.1	40.1	0.0	0.0%
97.5%	40.0	40.0	0.0	0.0%
98.8%	39.4	39.4	0.0	0.0%
100.0%	39.4	39.4	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.7	50.8	0.1	0.2%
1.2%	49.9	50.1	0.2	0.4%
2.5%	48.8	48.8	0.0	0.0%
3.7%	48.6	48.6	0.0	0.0%
4.9%	48.6	48.6	0.0	0.0%
6.2%	48.3	48.3	0.0	0.0%
7.4%	48.3	48.2	-0.1	-0.2%
8.6%	48.2	48.2	0.0	0.0%
9.9%	48.1	48.0	-0.1	-0.2%
11.1%	48.0	48.0	0.0	0.0%
12.3%	47.9	47.9	0.0	0.0%
13.6%	47.9	47.8	-0.1	-0.2%
14.8%	47.7	47.7	0.0	0.0%
16.0%	47.7	47.7	0.0	0.0%
17.3%	47.6	47.6	0.0	0.0%
18.5%	47.6	47.6	0.0	0.0%
19.8%	47.6	47.6	0.0	0.0%
21.0%	47.6	47.6	0.0	0.0%
22.2%	47.5	47.5	0.0	0.0%
23.5%	47.5	47.5	0.0	0.0%
24.7%	47.5	47.5	0.0	0.0%
25.9%	47.4	47.4	0.0	0.0%
27.2%	47.4	47.4	0.0	0.0%
28.4%	47.3	47.3	0.0	0.0%
29.6%	47.3	47.2	-0.1	-0.2%
30.9%	47.2	47.0	-0.2	-0.4%
32.1%	47.1	47.0	-0.1	-0.2%
33.3%	47.0	47.0	0.0	0.0%
34.6%	47.0	47.0	0.0	0.0%
35.8%	47.0	47.0	0.0	0.0%
37.0%	46.9	46.9	0.0	0.0%
38.3%	46.9	46.9	0.0	0.0%
39.5%	46.9	46.8	-0.1	-0.2%
40.7%	46.9	46.8	-0.1	-0.2%
42.0%	46.7	46.7	0.0	0.0%
43.2%	46.7	46.7	0.0	0.0%
44.4%	46.7	46.7	0.0	0.0%
45.7%	46.7	46.7	0.0	0.0%
46.9%	46.7	46.7	0.0	0.0%
48.1%	46.5	46.6	0.1	0.2%
49.4%	46.5	46.5	0.0	0.0%
50.6%	46.5	46.5	0.0	0.0%
51.9%	46.5	46.4	-0.1	-0.2%
53.1%	46.4	46.4	0.0	0.0%
54.3%	46.4	46.4	0.0	0.0%
55.6%	46.3	46.3	0.0	0.0%
56.8%	46.3	46.3	0.0	0.0%
58.0%	46.3	46.3	0.0	0.0%
59.3%	46.3	46.3	0.0	0.0%
60.5%	46.2	46.2	0.0	0.0%
61.7%	46.2	46.2	0.0	0.0%
63.0%	46.1	46.1	0.0	0.0%
64.2%	46.1	46.1	0.0	0.0%
65.4%	46.1	46.1	0.0	0.0%
66.7%	46.1	46.1	0.0	0.0%
67.9%	46.1	45.9	-0.2	-0.4%
69.1%	45.8	45.8	0.0	0.0%
70.4%	45.7	45.7	0.0	0.0%
71.6%	45.7	45.7	0.0	0.0%
72.8%	45.7	45.6	-0.1	-0.2%
74.1%	45.6	45.6	0.0	0.0%
75.3%	45.6	45.6	0.0	0.0%
76.5%	45.6	45.6	0.0	0.0%
77.8%	45.5	45.5	0.0	0.0%
79.0%	45.5	45.5	0.0	0.0%
80.2%	45.5	45.4	-0.1	-0.2%
81.5%	45.4	45.4	0.0	0.0%
82.7%	45.3	45.3	0.0	0.0%
84.0%	45.3	45.3	0.0	0.0%
85.2%	45.2	45.2	0.0	0.0%
86.4%	45.2	45.1	-0.1	-0.2%
87.7%	45.1	45.1	0.0	0.0%
88.9%	45.1	45.0	-0.1	-0.2%
90.1%	44.9	44.9	0.0	0.0%
91.4%	44.7	44.7	0.0	0.0%
92.6%	44.6	44.6	0.0	0.0%
93.8%	44.6	44.6	0.0	0.0%
95.1%	44.6	44.6	0.0	0.0%
96.3%	44.4	44.4	0.0	0.0%
97.5%	44.2	44.2	0.0	0.0%
98.8%	43.8	43.8	0.0	0.0%
100.0%	43.8	43.8	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	56.7	56.7	0.0	0.0%
1.2%	56.3	56.3	0.0	0.0%
2.5%	56.3	56.3	0.0	0.0%
3.7%	55.9	56.0	0.1	0.2%
4.9%	55.7	55.9	0.2	0.4%
6.2%	55.7	55.7	0.0	0.0%
7.4%	55.7	55.7	0.0	0.0%
8.6%	55.6	55.7	0.1	0.2%
9.9%	55.5	55.6	0.1	0.2%
11.1%	55.4	55.5	0.1	0.2%
12.3%	55.4	55.5	0.1	0.2%
13.6%	55.3	55.4	0.1	0.2%
14.8%	55.2	55.3	0.1	0.2%
16.0%	55.1	55.2	0.1	0.2%
17.3%	55.1	55.1	0.0	0.0%
18.5%	55.0	54.9	-0.1	-0.2%
19.8%	54.8	54.8	0.0	0.0%
21.0%	54.7	54.7	0.0	0.0%
22.2%	54.7	54.7	0.0	0.0%
23.5%	54.6	54.6	0.0	0.0%
24.7%	54.4	54.4	0.0	0.0%
25.9%	54.4	54.3	-0.1	-0.2%
27.2%	54.3	54.3	0.0	0.0%
28.4%	54.3	54.3	0.0	0.0%
29.6%	54.2	54.2	0.0	0.0%
30.9%	54.2	54.2	0.0	0.0%
32.1%	54.2	54.2	0.0	0.0%
33.3%	54.0	54.0	0.0	0.0%
34.6%	54.0	54.0	0.0	0.0%
35.8%	53.9	54.0	0.1	0.2%
37.0%	53.9	54.0	0.1	0.2%
38.3%	53.7	53.7	0.0	0.0%
39.5%	53.7	53.7	0.0	0.0%
40.7%	53.7	53.7	0.0	0.0%
42.0%	53.7	53.6	-0.1	-0.2%
43.2%	53.6	53.6	0.0	0.0%
44.4%	53.6	53.6	0.0	0.0%
45.7%	53.6	53.5	-0.1	-0.2%
46.9%	53.5	53.5	0.0	0.0%
48.1%	53.5	53.5	0.0	0.0%
49.4%	53.5	53.5	0.0	0.0%
50.6%	53.5	53.4	-0.1	-0.2%
51.9%	53.4	53.4	0.0	0.0%
53.1%	53.4	53.4	0.0	0.0%
54.3%	53.3	53.3	0.0	0.0%
55.6%	53.2	53.2	0.0	0.0%
56.8%	53.1	53.2	0.1	0.2%
58.0%	53.0	53.2	0.2	0.4%
59.3%	53.0	53.1	0.1	0.2%
60.5%	53.0	53.0	0.0	0.0%
61.7%	53.0	53.0	0.0	0.0%
63.0%	53.0	53.0	0.0	0.0%
64.2%	52.9	53.0	0.1	0.2%
65.4%	52.8	53.0	0.2	0.4%
66.7%	52.8	52.9	0.1	0.2%
67.9%	52.8	52.8	0.0	0.0%
69.1%	52.8	52.8	0.0	0.0%
70.4%	52.8	52.8	0.0	0.0%
71.6%	52.8	52.8	0.0	0.0%
72.8%	52.7	52.7	0.0	0.0%
74.1%	52.7	52.7	0.0	0.0%
75.3%	52.7	52.7	0.0	0.0%
76.5%	52.6	52.6	0.0	0.0%
77.8%	52.5	52.4	-0.1	-0.2%
79.0%	52.4	52.4	0.0	0.0%
80.2%	52.4	52.3	-0.1	-0.2%
81.5%	52.3	52.2	-0.1	-0.2%
82.7%	52.3	51.9	-0.4	-0.8%
84.0%	52.2	51.9	-0.3	-0.6%
85.2%	51.9	51.9	0.0	0.0%
86.4%	51.9	51.7	-0.2	-0.4%
87.7%	51.8	51.7	-0.1	-0.2%
88.9%	51.8	51.7	-0.1	-0.2%
90.1%	51.7	51.4	-0.3	-0.6%
91.4%	51.3	51.3	0.0	0.0%
92.6%	51.2	51.2	0.0	0.0%
93.8%	51.0	51.0	0.0	0.0%
95.1%	50.8	50.8	0.0	0.0%
96.3%	50.7	50.8	0.1	0.2%
97.5%	50.3	50.3	0.0	0.0%
98.8%	49.5	49.5	0.0	0.0%
100.0%	49.5	49.5	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.0	59.0	0.0	0.0%
1.2%	58.6	58.6	0.0	0.0%
2.5%	56.0	56.0	0.0	0.0%
3.7%	55.4	55.4	0.0	0.0%
4.9%	55.1	55.1	0.0	0.0%
6.2%	55.0	55.0	0.0	0.0%
7.4%	54.6	54.6	0.0	0.0%
8.6%	54.3	54.5	0.2	0.4%
9.9%	54.1	54.2	0.1	0.2%
11.1%	53.9	53.8	-0.1	-0.2%
12.3%	53.7	53.7	0.0	0.0%
13.6%	53.3	53.3	0.0	0.0%
14.8%	53.0	53.0	0.0	0.0%
16.0%	52.9	52.6	-0.3	-0.6%
17.3%	52.6	52.6	0.0	0.0%
18.5%	52.6	52.5	-0.1	-0.2%
19.8%	52.6	52.5	-0.1	-0.2%
21.0%	52.4	52.4	0.0	0.0%
22.2%	52.4	52.2	-0.2	-0.4%
23.5%	52.2	52.0	-0.2	-0.4%
24.7%	52.0	52.0	0.0	0.0%
25.9%	52.0	52.0	0.0	0.0%
27.2%	51.9	51.9	0.0	0.0%
28.4%	51.9	51.9	0.0	0.0%
29.6%	51.9	51.8	-0.1	-0.2%
30.9%	51.7	51.7	0.0	0.0%
32.1%	51.5	51.6	0.1	0.2%
33.3%	51.5	51.5	0.0	0.0%
34.6%	51.5	51.4	-0.1	-0.2%
35.8%	51.4	51.4	0.0	0.0%
37.0%	51.3	51.3	0.0	0.0%
38.3%	51.1	51.1	0.0	0.0%
39.5%	51.1	51.1	0.0	0.0%
40.7%	51.1	51.1	0.0	0.0%
42.0%	51.1	51.0	-0.1	-0.2%
43.2%	51.0	51.0	0.0	0.0%
44.4%	51.0	50.9	-0.1	-0.2%
45.7%	50.9	50.9	0.0	0.0%
46.9%	50.8	50.8	0.0	0.0%
48.1%	50.8	50.8	0.0	0.0%
49.4%	50.8	50.7	-0.1	-0.2%
50.6%	50.7	50.7	0.0	0.0%
51.9%	50.7	50.6	-0.1	-0.2%
53.1%	50.7	50.6	-0.1	-0.2%
54.3%	50.6	50.5	-0.1	-0.2%
55.6%	50.5	50.5	0.0	0.0%
56.8%	50.5	50.4	-0.1	-0.2%
58.0%	50.4	50.4	0.0	0.0%
59.3%	50.3	50.3	0.0	0.0%
60.5%	50.3	50.2	-0.1	-0.2%
61.7%	50.2	50.1	-0.1	-0.2%
63.0%	50.1	50.1	0.0	0.0%
64.2%	50.1	50.0	-0.1	-0.2%
65.4%	50.0	50.0	0.0	0.0%
66.7%	50.0	50.0	0.0	0.0%
67.9%	49.9	49.9	0.0	0.0%
69.1%	49.8	49.9	0.1	0.2%
70.4%	49.7	49.8	0.1	0.2%
71.6%	49.7	49.7	0.0	0.0%
72.8%	49.7	49.7	0.0	0.0%
74.1%	49.7	49.6	-0.1	-0.2%
75.3%	49.6	49.6	0.0	0.0%
76.5%	49.5	49.6	0.1	0.2%
77.8%	49.4	49.5	0.1	0.2%
79.0%	49.4	49.5	0.1	0.2%
80.2%	49.4	49.4	0.0	0.0%
81.5%	49.4	49.4	0.0	0.0%
82.7%	49.3	49.3	0.0	0.0%
84.0%	49.2	49.2	0.0	0.0%
85.2%	49.2	49.2	0.0	0.0%
86.4%	49.1	49.1	0.0	0.0%
87.7%	49.1	49.1	0.0	0.0%
88.9%	49.1	49.1	0.0	0.0%
90.1%	49.1	49.1	0.0	0.0%
91.4%	49.1	49.1	0.0	0.0%
92.6%	49.1	49.1	0.0	0.0%
93.8%	49.0	48.8	-0.2	-0.4%
95.1%	48.8	48.4	-0.4	-0.8%
96.3%	48.4	48.2	-0.2	-0.4%
97.5%	48.1	48.1	0.0	0.0%
98.8%	48.1	48.1	0.0	0.0%
100.0%	48.1	48.1	0.0	0.0%

Table SQ-35-9b

Trinity River at North Fork, Monthly Temperature

Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.7	67.7	0.0	0.0%
1.2%	66.4	66.4	0.0	0.0%
2.5%	65.8	65.7	-0.1	-0.2%
3.7%	65.7	65.2	-0.5	-0.8%
4.9%	65.2	64.8	-0.4	-0.6%
6.2%	64.4	64.4	0.0	0.0%
7.4%	64.4	64.4	0.0	0.0%
8.6%	64.2	64.3	0.1	0.2%
9.9%	64.0	64.1	0.1	0.2%
11.1%	63.6	64.1	0.5	0.8%
12.3%	63.4	63.9	0.5	0.8%
13.6%	63.4	63.6	0.2	0.3%
14.8%	63.4	63.4	0.0	0.0%
16.0%	63.2	63.2	0.0	0.0%
17.3%	63.1	63.2	0.1	0.2%
18.5%	63.1	62.4	-0.7	-1.1%
19.8%	62.4	62.4	0.0	0.0%
21.0%	62.3	62.3	0.0	0.0%
22.2%	62.2	62.1	-0.1	-0.2%
23.5%	62.1	62.1	0.0	0.0%
24.7%	62.0	62.0	0.0	0.0%
25.9%	62.0	61.7	-0.3	-0.5%
27.2%	61.7	61.7	0.0	0.0%
28.4%	61.7	61.6	-0.1	-0.2%
29.6%	61.6	61.6	0.0	0.0%
30.9%	61.4	61.5	0.1	0.2%
32.1%	61.3	61.0	-0.3	-0.5%
33.3%	61.1	61.0	-0.1	-0.2%
34.6%	61.0	60.5	-0.5	-0.8%
35.8%	60.4	60.3	-0.1	-0.2%
37.0%	60.4	60.2	-0.2	-0.3%
38.3%	59.5	59.5	0.0	0.0%
39.5%	59.5	59.5	0.0	0.0%
40.7%	59.5	59.5	0.0	0.0%
42.0%	59.1	59.1	0.0	0.0%
43.2%	58.9	58.9	0.0	0.0%
44.4%	58.6	58.7	0.1	0.2%
45.7%	58.6	58.6	0.0	0.0%
46.9%	58.6	58.6	0.0	0.0%
48.1%	58.5	58.5	0.0	0.0%
49.4%	58.4	58.5	0.1	0.2%
50.6%	58.4	58.4	0.0	0.0%
51.9%	58.2	58.2	0.0	0.0%
53.1%	58.2	58.0	-0.2	-0.3%
54.3%	58.0	57.9	-0.1	-0.2%
55.6%	57.8	57.7	-0.1	-0.2%
56.8%	57.8	57.7	-0.1	-0.2%
58.0%	57.8	57.7	-0.1	-0.2%
59.3%	57.7	57.7	0.0	0.0%
60.5%	57.7	57.7	0.0	0.0%
61.7%	57.7	57.7	0.0	0.0%
63.0%	57.6	57.6	0.0	0.0%
64.2%	57.6	57.6	0.0	0.0%
65.4%	57.2	57.2	0.0	0.0%
66.7%	57.2	57.1	-0.1	-0.2%
67.9%	57.1	57.1	0.0	0.0%
69.1%	57.0	57.0	0.0	0.0%
70.4%	57.0	57.0	0.0	0.0%
71.6%	56.9	56.9	0.0	0.0%
72.8%	56.8	56.8	0.0	0.0%
74.1%	56.8	56.8	0.0	0.0%
75.3%	56.7	56.7	0.0	0.0%
76.5%	56.6	56.6	0.0	0.0%
77.8%	56.6	56.2	-0.4	-0.7%
79.0%	56.0	56.0	0.0	0.0%
80.2%	55.7	55.7	0.0	0.0%
81.5%	55.5	55.5	0.0	0.0%
82.7%	55.3	55.3	0.0	0.0%
84.0%	54.8	54.8	0.0	0.0%
85.2%	54.2	54.2	0.0	0.0%
86.4%	53.7	53.7	0.0	0.0%
87.7%	53.6	53.6	0.0	0.0%
88.9%	53.3	53.2	-0.1	-0.2%
90.1%	53.2	53.1	-0.1	-0.2%
91.4%	53.0	53.0	0.0	0.0%
92.6%	52.9	52.9	0.0	0.0%
93.8%	52.1	52.1	0.0	0.0%
95.1%	52.0	52.0	0.0	0.0%
96.3%	51.7	51.7	0.0	0.0%
97.5%	50.6	50.6	0.0	0.0%
98.8%	50.5	50.5	0.0	0.0%
100.0%	50.5	50.5	0.0	0.0%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	71.0	70.9	-0.1	-0.1%
1.2%	69.9	69.9	0.0	0.0%
2.5%	69.0	69.0	0.0	0.0%
3.7%	68.8	68.7	-0.1	-0.1%
4.9%	68.7	68.7	0.0	0.0%
6.2%	68.7	68.7	0.0	0.0%
7.4%	68.7	68.6	-0.1	-0.1%
8.6%	68.5	68.1	-0.4	-0.6%
9.9%	68.1	67.9	-0.2	-0.3%
11.1%	68.0	67.8	-0.2	-0.3%
12.3%	67.9	67.8	-0.1	-0.1%
13.6%	67.4	67.7	0.3	0.4%
14.8%	67.4	67.6	0.2	0.3%
16.0%	67.3	67.4	0.1	0.1%
17.3%	67.3	67.3	0.0	0.0%
18.5%	67.2	67.3	0.1	0.1%
19.8%	67.0	67.0	0.0	0.0%
21.0%	66.9	66.9	0.0	0.0%
22.2%	66.9	66.9	0.0	0.0%
23.5%	66.7	66.6	-0.1	-0.1%
24.7%	66.6	66.6	0.0	0.0%
25.9%	66.6	66.5	-0.1	-0.2%
27.2%	66.5	66.3	-0.2	-0.3%
28.4%	66.4	66.2	-0.2	-0.3%
29.6%	66.2	66.2	0.0	0.0%
30.9%	65.8	66.0	0.2	0.3%
32.1%	65.8	65.8	0.0	0.0%
33.3%	65.7	65.7	0.0	0.0%
34.6%	65.6	65.7	0.1	0.2%
35.8%	65.5	65.4	-0.1	-0.2%
37.0%	65.5	65.3	-0.2	-0.3%
38.3%	65.3	65.2	-0.1	-0.2%
39.5%	65.2	65.2	0.0	0.0%
40.7%	65.1	65.1	0.0	0.0%
42.0%	65.1	64.8	-0.3	-0.5%
43.2%	65.1	64.7	-0.4	-0.6%
44.4%	65.0	64.6	-0.4	-0.6%
45.7%	64.8	64.5	-0.3	-0.5%
46.9%	64.6	64.4	-0.2	-0.3%
48.1%	64.4	64.3	-0.1	-0.2%
49.4%	64.3	64.2	-0.1	-0.2%
50.6%	64.2	64.1	-0.1	-0.2%
51.9%	64.1	64.0	-0.1	-0.2%
53.1%	64.0	64.0	0.0	0.0%
54.3%	64.0	64.0	0.0	0.0%
55.6%	64.0	63.8	-0.2	-0.3%
56.8%	63.8	63.8	0.0	0.0%
58.0%	63.8	63.8	0.0	0.0%
59.3%	63.8	63.7	-0.1	-0.2%
60.5%	63.8	63.7	-0.1	-0.2%
61.7%	63.7	63.6	-0.1	-0.2%
63.0%	63.6	63.6	0.0	0.0%
64.2%	63.6	63.5	-0.1	-0.2%
65.4%	63.4	63.4	0.0	0.0%
66.7%	63.4	63.4	0.0	0.0%
67.9%	63.3	63.3	0.0	0.0%
69.1%	63.3	63.3	0.0	0.0%
70.4%	63.2	63.2	0.0	0.0%
71.6%	63.2	63.0	-0.2	-0.3%
72.8%	63.0	63.0	0.0	0.0%
74.1%	63.0	62.9	-0.1	-0.2%
75.3%	62.9	62.8	-0.1	-0.2%
76.5%	62.8	62.8	0.0	0.0%
77.8%	62.8	62.7	-0.1	-0.2%
79.0%	62.3	62.4	0.1	0.2%
80.2%	62.3	62.2	-0.1	-0.2%
81.5%	62.2	61.9	-0.3	-0.5%
82.7%	61.9	61.9	0.0	0.0%
84.0%	61.8	61.7	-0.1	-0.2%
85.2%	61.7	61.5	-0.2	-0.3%
86.4%	61.4	61.2	-0.2	-0.3%
87.7%	61.2	61.0	-0.2	-0.3%
88.9%	61.0	60.9	-0.1	-0.2%
90.1%	61.0	60.8	-0.2	-0.3%
91.4%	60.9	60.6	-0.3	-0.5%
92.6%	60.8	60.5	-0.3	-0.5%
93.8%	60.4	60.4	0.0	0.0%
95.1%	60.3	60.3	0.0	0.0%
96.3%	59.7	59.7	0.0	0.0%
97.5%	56.6	56.6	0.0	0.0%
98.8%	54.1	54.1	0.0	0.0%
100.0%	54.1	54.1	0.0	0.0%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	69.6	68.9	-0.7	-1.0%
1.2%	68.9	68.9	0.0	0.0%
2.5%	68.9	68.7	-0.2	-0.3%
3.7%	68.2	67.8	-0.4	-0.6%
4.9%	67.8	67.8	0.0	0.0%
6.2%	67.3	67.4	0.1	0.1%
7.4%	67.3	67.3	0.0	0.0%
8.6%	67.2	67.3	0.1	0.1%
9.9%	67.2	67.1	-0.1	-0.1%
11.1%	67.0	66.9	-0.1	-0.1%
12.3%	66.8	66.8	0.0	0.0%
13.6%	66.8	66.6	-0.2	-0.3%
14.8%	66.7	66.1	-0.6	-0.9%
16.0%	66.0	66.0	0.0	0.0%
17.3%	65.9	66.0	0.1	0.2%
18.5%	65.8	65.9	0.1	0.2%
19.8%	65.8	65.7	-0.1	-0.2%
21.0%	65.7	65.7	0.0	0.0%
22.2%	65.6	65.6	0.0	0.0%
23.5%	65.6	65.5	-0.1	-0.2%
24.7%	65.6	65.5	-0.1	-0.2%
25.9%	65.5	65.4	-0.1	-0.2%
27.2%	65.4	65.4	0.0	0.0%
28.4%	65.3	65.3	0.0	0.0%
29.6%	65.3	65.3	0.0	0.0%
30.9%	65.3	65.3	0.0	0.0%
32.1%	65.2	65.3	0.1	0.2%
33.3%	65.1	65.2	0.1	0.2%
34.6%	65.1	65.2	0.1	0.2%
35.8%	65.1	65.1	0.0	0.0%
37.0%	65.0	65.0	0.0	0.0%
38.3%	64.9	65.0	0.1	0.2%
39.5%	64.9	64.9	0.0	0.0%
40.7%	64.9	64.6	-0.3	-0.5%
42.0%	64.8	64.4	-0.4	-0.6%
43.2%	64.8	64.4	-0.4	-0.6%
44.4%	64.7	64.4	-0.3	-0.5%
45.7%	64.6	64.4	-0.2	-0.3%
46.9%	64.6	64.3	-0.3	-0.5%
48.1%	64.5	64.3	-0.2	-0.3%
49.4%	64.4	64.3	-0.1	-0.2%
50.6%	64.4	64.3	-0.1	-0.2%
51.9%	64.3	64.1	-0.2	-0.3%
53.1%	64.3	64.1	-0.2	-0.3%
54.3%	64.2	64.1	-0.1	-0.2%
55.6%	64.2	64.1	-0.1	-0.2%
56.8%	64.1	64.1	0.0	0.0%
58.0%	64.1	64.0	-0.1	-0.2%
59.3%	64.1	64.0	-0.1	-0.2%
60.5%	64.1	63.9	-0.2	-0.3%
61.7%	63.9	63.9	0.0	0.0%
63.0%	63.9	63.9	0.0	0.0%
64.2%	63.8	63.9	0.1	0.2%
65.4%	63.8	63.8	0.0	0.0%
66.7%	63.8	63.8	0.0	0.0%
67.9%	63.7	63.7	0.0	0.0%
69.1%	63.7	63.6	-0.1	-0.2%
70.4%	63.6	63.6	0.0	0.0%
71.6%	63.5	63.5	0.0	0.0%
72.8%	63.5	63.5	0.0	0.0%
74.1%	63.5	63.4	-0.1	-0.2%
75.3%	63.4	63.4	0.0	0.0%
76.5%	63.4	63.4	0.0	0.0%
77.8%	63.4	63.3	-0.1	-0.2%
79.0%	63.4	63.3	-0.1	-0.2%
80.2%	63.3	63.1	-0.2	-0.3%
81.5%	63.3	63.0	-0.3	-0.5%
82.7%	63.3	62.8	-0.5	-0.8%
84.0%	63.1	62.8	-0.3	-0.5%
85.2%	63.1	62.7	-0.4	-0.6%
86.4%	62.8	62.7	-0.1	-0.2%
87.7%	62.8	62.6	-0.2	-0.3%
88.9%	62.8	62.6	-0.2	-0.3%
90.1%	62.7	62.6	-0.1	-0.2%
91.4%	62.6	62.1	-0.5	-0.8%
92.6%	62.0	62.0	0.0	0.0%
93.8%	61.6	61.7	0.1	0.2%
95.1%	61.4	61.6	0.2	0.3%
96.3%	61.1	61.1	0.0	0.0%
97.5%	61.1	61.1	0.0	0.0%
98.8%	60.4	60.7	0.3	0.5%
100.0%	60.4	60.7	0.3	0.5%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.1	65.7	-0.4	-0.6%
1.2%	65.2	64.0	-1.2	-1.8%
2.5%	63.3	63.5	0.2	0.3%
3.7%	62.6	62.6	0.0	0.0%
4.9%	62.1	62.1	0.0	0.0%
6.2%	61.8	61.9	0.1	0.2%
7.4%	61.7	61.7	0.0	0.0%
8.6%	61.5	61.7	0.2	0.3%
9.9%	60.8	60.9	0.1	0.2%
11.1%	60.8	60.9	0.1	0.2%
12.3%	60.6	60.8	0.2	0.3%
13.6%	60.5	60.6	0.1	0.2%
14.8%	60.5	60.5	0.0	0.0%
16.0%	60.5	60.2	-0.3	-0.5%
17.3%	60.4	60.2	-0.2	-0.3%
18.5%	60.2	60.2	0.0	0.0%
19.8%	60.1	60.1	0.0	0.0%
21.0%	60.1	60.0	-0.1	-0.2%
22.2%	60.1	60.0	-0.1	-0.2%
23.5%	60.0	60.0	0.0	0.0%
24.7%	60.0	60.0	0.0	0.0%
25.9%	60.0	60.0	0.0	0.0%
27.2%	59.9	59.8	-0.1	-0.2%
28.4%	59.8	59.8	0.0	0.0%
29.6%	59.8	59.8	0.0	0.0%
30.9%	59.7	59.8	0.1	0.2%
32.1%	59.7	59.7	0.0	0.0%
33.3%	59.6	59.7	0.1	0.2%
34.6%	59.6	59.6	0.0	0.0%
35.8%	59.5	59.6	0.1	0.2%
37.0%	59.5	59.5	0.0	0.0%
38.3%	59.5	59.5	0.0	0.0%
39.5%	59.5	59.5	0.0	0.0%
40.7%	59.4	59.5	0.1	0.2%
42.0%	59.4	59.5	0.1	0.2%
43.2%	59.3	59.4	0.1	0.2%
44.4%	59.2	59.4	0.2	0.3%
45.7%	59.2	59.3	0.1	0.2%
46.9%	59.2	59.2	0.0	0.0%
48.1%	59.1	59.1	0.0	0.0%
49.4%	59.1	59.1	0.0	0.0%
50.6%	59.0	59.0	0.0	0.0%
51.9%	58.9	59.0	0.1	0.2%
53.1%	58.9	58.9	0.0	0.0%
54.3%	58.9	58.9	0.0	0.0%
55.6%	58.8	58.9	0.1	0.2%
56.8%	58.8	58.8	0.0	0.0%
58.0%	58.8	58.7	-0.1	-0.2%
59.3%	58.7	58.6	-0.1	-0.2%
60.5%	58.6	58.5	-0.1	-0.2%
61.7%	58.6	58.5	-0.1	-0.2%
63.0%	58.4	58.5	0.1	0.2%
64.2%	58.3	58.3	0.0	0.0%
65.4%	58.3	58.3	0.0	0.0%
66.7%	58.3	58.3	0.0	0.0%
67.9%	58.2	58.3	0.1	0.2%
69.1%	58.1	58.3	0.2	0.3%
70.4%	58.0	58.2	0.2	0.3%
71.6%	58.0	58.2	0.2	0.3%
72.8%	58.0	58.1	0.1	0.2%
74.1%	57.9	58.0	0.1	0.2%
75.3%	57.8	58.0	0.2	0.3%
76.5%	57.7	58.0	0.3	0.5%
77.8%	57.7	57.8	0.1	0.2%
79.0%	57.7	57.8	0.1	0.2%
80.2%	57.6	57.7	0.1	0.2%
81.5%	57.6	57.7	0.1	0.2%
82.7%	57.6	57.7	0.1	0.2%
84.0%	57.5	57.6	0.1	0.2%
85.2%	57.5	57.5	0.0	0.0%
86.4%	57.4	57.3	-0.1	-0.2%
87.7%	57.3	57.3	0.0	0.0%
88.9%	57.3	57.3	0.0	0.0%
90.1%	57.3	57.2	-0.1	-0.2%
91.4%	57.1	57.2	0.1	0.2%
92.6%	56.7	56.7	0.0	0.0%
93.8%	56.6	56.5	-0.1	-0.2%
95.1%	56.4	56.3	-0.1	-0.2%
96.3%	56.3	56.1	-0.2	-0.4%
97.5%	54.9	55.2	0.3	0.5%
98.8%	54.3	54.2	-0.1	-0.2%
100.0%	54.3	54.2	-0.1	-0.2%

Table SQ-36-9a
Clear Creek below Whiskeytown, Monthly Temperature
Long-term Average and Average by Water Year Type

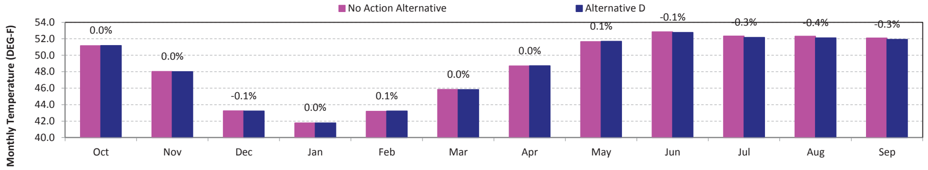
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	51.2	48.0	43.2	41.8	43.2	45.9	48.7	51.7	52.8	52.3	52.3	52.1
Alternative D	51.2	48.0	43.2	41.8	43.2	45.8	48.7	51.7	52.8	52.2	52.1	51.9
Difference	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.2	-0.2
Percent Difference[3]	0.0%	0.0%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.1%	-0.1%	-0.3%	-0.4%	-0.3%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	49.2	46.9	42.7	41.6	43.3	45.5	47.8	51.1	52.4	52.1	52.1	50.7
Alternative D	49.2	47.0	42.6	41.5	43.3	45.5	47.7	51.1	52.4	51.9	51.8	50.5
Difference	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.3	-0.1
Percent Difference	0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.1%	0.0%	-0.4%	-0.5%	-0.2%
Above Normal (15%)												
No Action Alternative	50.8	47.7	43.3	42.0	43.3	45.9	48.2	52.3	53.8	52.6	52.4	51.4
Alternative D	50.5	47.6	43.3	41.9	43.3	45.8	48.4	52.4	53.8	52.4	51.6	51.0
Difference	-0.3	-0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.0	-0.2	-0.8	-0.5
Percent Difference	-0.6%	-0.2%	-0.1%	-0.1%	0.0%	0.0%	0.4%	0.1%	0.0%	-0.4%	-1.4%	-0.9%
Below Normal (17%)												
No Action Alternative	51.7	48.1	43.3	41.6	42.6	45.6	48.8	52.3	52.7	52.5	52.5	52.4
Alternative D	51.7	48.2	43.3	41.6	42.6	45.5	48.9	52.3	52.7	52.3	52.4	52.4
Difference	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	-0.2	0.0	0.0
Percent Difference	0.1%	0.3%	0.1%	0.1%	0.0%	0.0%	0.2%	0.1%	0.0%	-0.3%	-0.1%	0.0%
Dry (22%)												
No Action Alternative	51.3	48.7	43.6	41.9	43.1	46.0	49.9	51.8	52.8	52.0	51.7	52.0
Alternative D	51.5	48.8	43.6	41.9	43.2	45.9	49.7	51.9	52.6	51.9	51.8	52.1
Difference	0.1	0.1	-0.1	0.1	0.1	0.0	-0.2	0.1	-0.2	-0.2	0.1	0.1
Percent Difference	0.2%	0.2%	-0.1%	0.2%	0.2%	-0.1%	-0.4%	0.1%	-0.4%	-0.3%	0.2%	0.2%
Critical (15%)												
No Action Alternative	55.0	49.6	43.8	42.1	43.7	46.7	49.3	51.3	53.0	52.8	53.6	55.8
Alternative D	54.9	49.2	43.7	42.2	43.8	46.7	49.4	51.4	52.9	52.8	53.5	55.2
Difference	0.0	-0.4	-0.1	0.1	0.1	0.0	0.1	0.1	-0.1	0.0	-0.1	-0.7
Percent Difference	-0.1%	-0.8%	-0.2%	0.1%	0.1%	0.0%	0.2%	0.1%	-0.2%	0.0%	-0.2%	-1.2%

1 Based on the 82-year simulation period

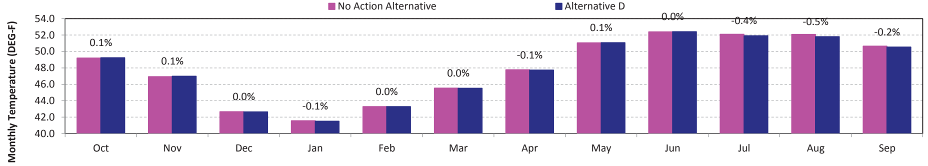
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

3 Relative difference of the monthly average

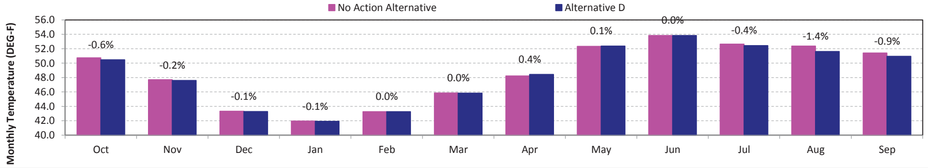
Clear Creek below Whiskeytown, Monthly Temperature
Full Simulation Period



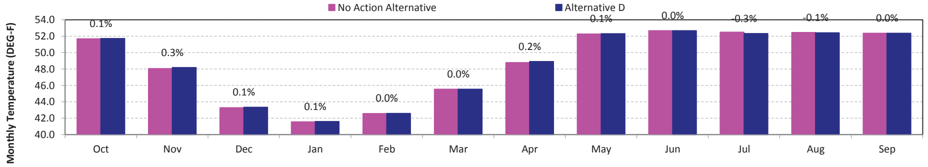
Clear Creek below Whiskeytown, Monthly Temperature
Wet Water Year Types (32%)



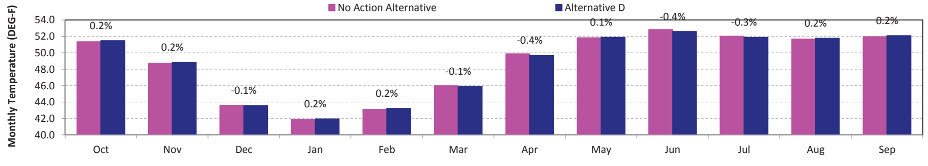
Clear Creek below Whiskeytown, Monthly Temperature
Above Normal Water Year Types (15%)



Clear Creek below Whiskeytown, Monthly Temperature
Below Normal Water Year Types (17%)



Clear Creek below Whiskeytown, Monthly Temperature
Dry Water Year Types (22%)



Clear Creek below Whiskeytown, Monthly Temperature
Critical Water Year Types (15%)

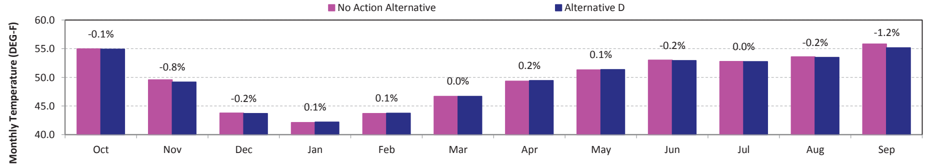


Figure SQ-36-9b
Clear Creek below Whiskeytown, Monthly Temperature
Probability of Exceedance

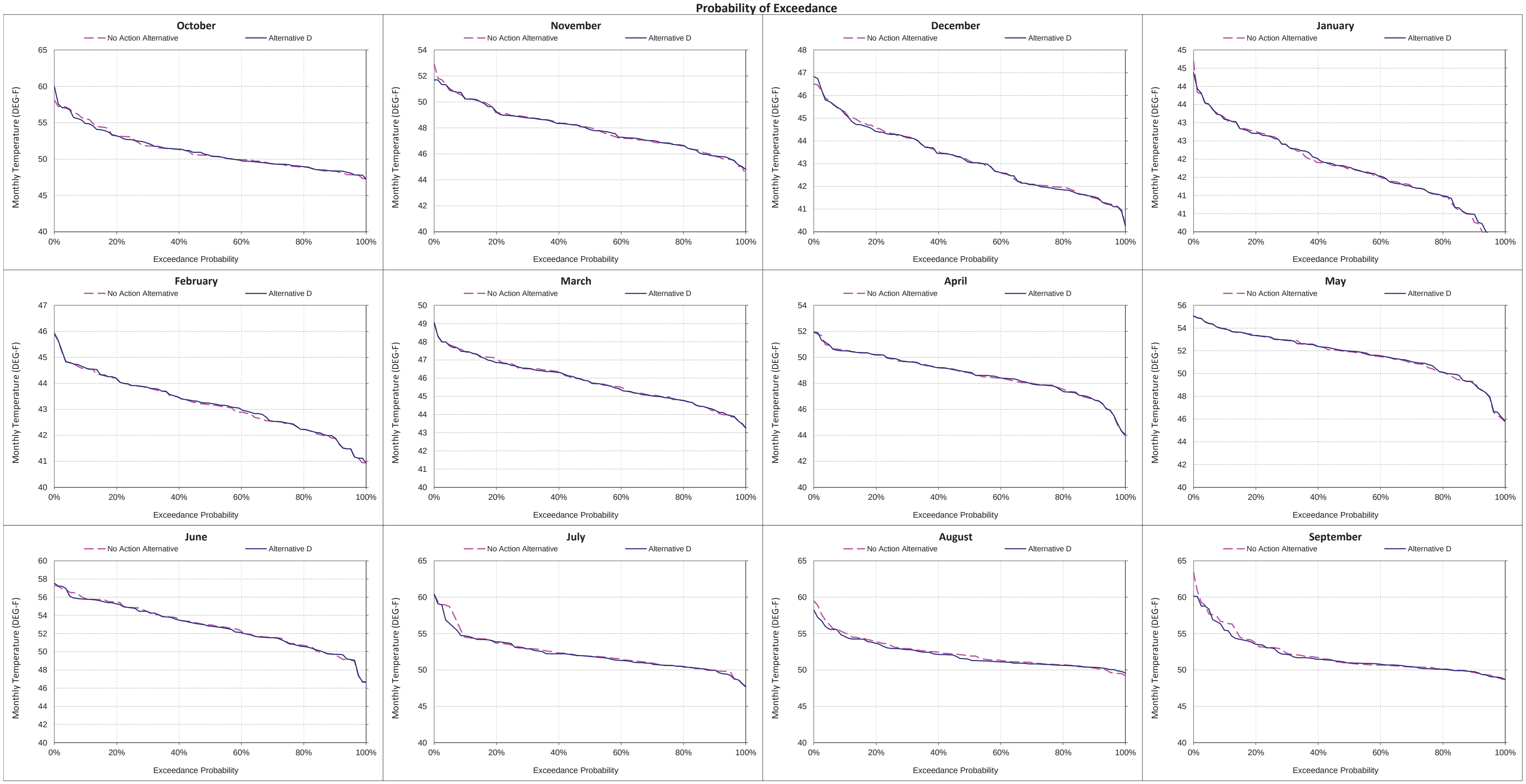


Table SQ-36-9b

Clear Creek below Whiskeytown, Monthly Temperature
Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	58.1	60.0	1.9	3.2%
1.2%	57.2	57.6	0.3	0.6%
2.5%	57.2	57.1	-0.1	-0.2%
3.7%	57.1	57.0	-0.1	-0.2%
4.9%	56.9	56.8	-0.1	-0.2%
6.2%	56.4	55.7	-0.7	-1.2%
7.4%	56.2	55.6	-0.7	-1.2%
8.6%	55.8	55.4	-0.4	-0.6%
9.9%	55.5	54.9	-0.6	-1.1%
11.1%	55.5	54.8	-0.6	-1.1%
12.3%	54.9	54.6	-0.3	-0.5%
13.6%	54.5	54.1	-0.4	-0.8%
14.8%	54.4	54.1	-0.4	-0.6%
16.0%	54.4	53.9	-0.4	-0.8%
17.3%	54.2	53.7	-0.5	-0.9%
18.5%	53.3	53.4	0.1	0.2%
19.8%	53.2	53.2	0.0	0.0%
21.0%	53.2	53.1	-0.1	-0.2%
22.2%	53.1	52.8	-0.3	-0.6%
23.5%	53.1	52.7	-0.4	-0.7%
24.7%	53.0	52.7	-0.3	-0.6%
25.9%	52.5	52.5	0.0	0.0%
27.2%	52.2	52.5	0.3	0.5%
28.4%	51.8	52.4	0.6	1.1%
29.6%	51.8	52.2	0.4	0.8%
30.9%	51.8	52.1	0.3	0.5%
32.1%	51.8	51.8	0.0	0.0%
33.3%	51.5	51.7	0.2	0.4%
34.6%	51.5	51.6	0.1	0.2%
35.8%	51.5	51.5	0.0	0.0%
37.0%	51.5	51.5	0.0	0.0%
38.3%	51.4	51.4	0.0	0.0%
39.5%	51.4	51.4	0.0	0.0%
40.7%	51.3	51.4	0.1	0.2%
42.0%	51.2	51.2	0.0	0.0%
43.2%	51.0	51.2	0.1	0.3%
44.4%	50.6	50.9	0.3	0.6%
45.7%	50.6	50.9	0.4	0.7%
46.9%	50.6	50.9	0.4	0.7%
48.1%	50.5	50.7	0.1	0.3%
49.4%	50.5	50.6	0.1	0.2%
50.6%	50.4	50.4	0.0	-0.1%
51.9%	50.4	50.4	0.0	0.0%
53.1%	50.4	50.3	-0.1	-0.1%
54.3%	50.2	50.2	0.0	0.0%
55.6%	50.1	50.1	0.0	0.0%
56.8%	50.0	50.0	0.1	0.1%
58.0%	50.0	49.9	0.0	-0.1%
59.3%	49.9	49.9	-0.1	-0.1%
60.5%	49.9	49.7	-0.2	-0.4%
61.7%	49.9	49.7	-0.2	-0.4%
63.0%	49.9	49.7	-0.2	-0.4%
64.2%	49.7	49.6	-0.1	-0.2%
65.4%	49.7	49.6	-0.1	-0.3%
66.7%	49.6	49.5	-0.1	-0.1%
67.9%	49.6	49.5	-0.1	-0.2%
69.1%	49.4	49.4	0.0	0.0%
70.4%	49.4	49.3	0.0	-0.1%
71.6%	49.3	49.3	0.0	0.0%
72.8%	49.3	49.3	0.0	0.0%
74.1%	49.2	49.3	0.1	0.3%
75.3%	49.0	49.2	0.2	0.4%
76.5%	49.0	49.1	0.1	0.2%
77.8%	49.0	49.1	0.1	0.2%
79.0%	48.9	49.0	0.1	0.2%
80.2%	48.9	48.9	0.0	0.0%
81.5%	48.8	48.9	0.1	0.2%
82.7%	48.7	48.7	0.0	-0.1%
84.0%	48.7	48.5	-0.1	-0.3%
85.2%	48.5	48.5	0.0	0.0%
86.4%	48.4	48.5	0.1	0.3%
87.7%	48.4	48.5	0.1	0.2%
88.9%	48.4	48.4	0.0	0.0%
90.1%	48.3	48.4	0.0	0.0%
91.4%	48.2	48.4	0.2	0.4%
92.6%	48.1	48.3	0.3	0.5%
93.8%	47.9	48.2	0.3	0.7%
95.1%	47.9	48.1	0.2	0.5%
96.3%	47.8	47.8	0.0	0.0%
97.5%	47.8	47.8	0.0	0.0%
98.8%	47.4	47.8	0.4	0.9%
100.0%	47.2	47.3	0.0	0.1%

November				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	52.9	51.7	-1.2	-2.3%
1.2%	51.8	51.7	-0.1	-0.3%
2.5%	51.7	51.3	-0.4	-0.7%
3.7%	51.4	51.3	0.0	-0.1%
4.9%	50.9	51.0	0.1	0.2%
6.2%	50.8	50.8	0.0	0.0%
7.4%	50.7	50.7	0.1	0.1%
8.6%	50.5	50.7	0.2	0.4%
9.9%	50.3	50.2	-0.1	-0.1%
11.1%	50.3	50.2	0.0	-0.1%
12.3%	50.2	50.2	0.0	0.0%
13.6%	50.1	50.2	0.1	0.1%
14.8%	50.0	50.0	0.0	0.0%
16.0%	50.0	49.9	-0.1	-0.2%
17.3%	49.8	49.6	-0.2	-0.4%
18.5%	49.7	49.6	0.0	-0.1%
19.8%	49.2	49.3	0.1	0.2%
21.0%	49.1	49.0	-0.1	-0.2%
22.2%	49.1	49.0	-0.1	-0.3%
23.5%	49.1	49.0	-0.1	-0.2%
24.7%	49.0	48.9	0.0	-0.1%
25.9%	48.9	48.9	0.0	0.0%
27.2%	48.9	48.9	-0.1	-0.1%
28.4%	48.9	48.8	-0.1	-0.2%
29.6%	48.8	48.8	-0.1	-0.1%
30.9%	48.8	48.8	-0.1	-0.1%
32.1%	48.7	48.7	0.0	0.0%
33.3%	48.7	48.7	0.0	-0.1%
34.6%	48.7	48.6	0.0	-0.1%
35.8%	48.6	48.6	0.0	0.0%
37.0%	48.6	48.6	0.0	0.0%
38.3%	48.5	48.5	-0.1	-0.1%
39.5%	48.4	48.3	-0.1	-0.1%
40.7%	48.4	48.3	0.0	0.0%
42.0%	48.4	48.3	0.0	-0.1%
43.2%	48.3	48.3	0.0	0.0%
44.4%	48.2	48.2	0.0	0.0%
45.7%	48.2	48.2	0.0	0.0%
46.9%	48.2	48.1	-0.1	-0.1%
48.1%	48.1	48.1	-0.1	-0.1%
49.4%	48.0	47.9	-0.1	-0.3%
50.6%	48.0	47.8	-0.2	-0.3%
51.9%	47.9	47.8	-0.1	-0.2%
53.1%	47.8	47.8	0.0	0.0%
54.3%	47.6	47.7	0.1	0.2%
55.6%	47.6	47.7	0.1	0.3%
56.8%	47.4	47.6	0.2	0.4%
58.0%	47.3	47.6	0.2	0.5%
59.3%	47.2	47.3	0.1	0.1%
60.5%	47.2	47.3	0.1	0.1%
61.7%	47.2	47.2	0.1	0.1%
63.0%	47.2	47.2	0.0	0.1%
64.2%	47.1	47.2	0.1	0.2%
65.4%	47.1	47.2	0.1	0.2%
66.7%	47.1	47.1	0.0	0.1%
67.9%	47.1	47.0	0.0	0.0%
69.1%	47.0	47.0	0.0	0.0%
70.4%	46.9	47.0	0.1	0.2%
71.6%	46.9	47.0	0.1	0.2%
72.8%	46.9	46.9	0.0	0.0%
74.1%	46.8	46.8	0.0	0.0%
75.3%	46.8	46.8	0.0	0.1%
76.5%	46.8	46.7	-0.1	-0.1%
77.8%	46.7	46.7	0.0	0.0%
79.0%	46.7	46.6	-0.1	-0.1%
80.2%	46.6	46.6	0.0	0.0%
81.5%	46.4	46.4	0.0	0.0%
82.7%	46.3	46.4	0.0	0.0%
84.0%	46.3	46.3	0.0	0.0%
85.2%	46.3	46.1	-0.3	-0.5%
86.4%	46.1	46.0	-0.1	-0.3%
87.7%	46.0	46.0	-0.1	-0.2%
88.9%	46.0	45.9	-0.1	-0.2%
90.1%	45.8	45.9	0.0	0.1%
91.4%	45.8	45.8	0.0	0.1%
92.6%	45.6	45.8	0.2	0.3%
93.8%	45.6	45.8	0.2	0.4%
95.1%	45.6	45.6	0.0	0.0%
96.3%	45.5	45.5	0.0	0.0%
97.5%	45.1	45.2	0.1	0.2%
98.8%	45.0	45.0	0.0	0.0%
100.0%	44.4	44.8	0.4	1.0%

December				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	46.5	46.8	0.3	0.7%
1.2%	46.5	46.7	0.3	0.6%
2.5%	46.2	46.2	0.1	0.1%
3.7%	45.9	45.8	-0.1	-0.2%
4.9%	45.8	45.7	-0.1	-0.1%
6.2%	45.6	45.6	0.0	0.0%
7.4%	45.5	45.5	0.0	0.0%
8.6%	45.4	45.4	0.0	0.1%
9.9%	45.3	45.2	-0.1	-0.2%
11.1%	45.1	45.0	0.0	-0.1%
12.3%	45.0	44.8	-0.2	-0.4%
13.6%	45.0	44.7	-0.2	-0.5%
14.8%	44.8	44.7	-0.1	-0.3%
16.0%	44.8	44.7	-0.1	-0.3%
17.3%	44.7	44.6	-0.1	-0.2%
18.5%	44.7	44.5	-0.1	-0.3%
19.8%	44.5	44.4	-0.1	-0.3%
21.0%	44.5	44.4	-0.2	-0.4%
22.2%	44.5	44.4	-0.1	-0.2%
23.5%	44.4	44.3	0.0	-0.1%
24.7%	44.3	44.3	0.0	-0.1%
25.9%	44.3	44.3	0.0	0.0%
27.2%	44.2	44.3	0.1	0.1%
28.4%	44.2	44.2	0.0	0.1%
29.6%	44.2	44.2	0.0	-0.1%
30.9%	44.2	44.1	0.0	-0.1%
32.1%	44.1	44.1	0.0	0.0%
33.3%	44.0	44.0	0.0	0.0%
34.6%	43.8	43.8	0.0	0.0%
35.8%	43.8	43.7	-0.1	-0.1%
37.0%	43.7	43.7	0.0	0.0%
38.3%	43.6	43.7	0.1	0.1%
39.5%	43.6	43.5	-0.1	-0.3%
40.7%	43.5	43.4	0.0	-0.1%
42.0%	43.4	43.4	0.0	0.0%
43.2%	43.4	43.4	0.0	0.0%
44.4%	43.4	43.4	0.0	0.0%
45.7%	43.3	43.3	0.0	0.0%
46.9%	43.3	43.3	0.0	0.1%
48.1%	43.3	43.2	-0.1	-0.1%
49.4%	43.2	43.1	-0.1	-0.2%
50.6%	43.1	43.0	0.0	-0.1%
51.9%	43.1	43.0	0.0	0.0%
53.1%	43.0	43.0	0.0	0.0%
54.3%	43.0	43.0	0.0	0.0%
55.6%	42.9	43.0	0.1	0.3%
56.8%	42.9	42.9	0.0	0.0%
58.0%	42.7	42.7	0.0	0.0%
59.3%	42.6	42.6	0.0	0.1%
60.5%	42.6	42.6	0.0	0.0%
61.7%	42.5	42.6	0.0	0.1%
63.0%	42.5	42.5	0.0	0.0%
64.2%	42.3	42.5	0.1	0.3%
65.4%	42.2	42.2	0.0	0.0%
66.7%	42.2	42.1	-0.1	-0.1%
67.9%	42.1	42.1	0.0	0.0%
69.1%	42.1	42.1	0.0	0.0%
70.4%	42.1	42.1	0.0	-0.1%
71.6%	42.1	42.0	0.0	0.0%
72.8%	42.0	42.0	-0.1	-0.2%
74.1%	42.0	42.0	-0.1	-0.1%
75.3%	42.0	41.9	-0.1	-0.2%
76.5%	42.0	41.9	-0.1	-0.2%
77.8%	42.0	41.9	-0.1	-0.2%
79.0%	42.0	41.9	-0.1	-0.2%
80.2%	42.0	41.8	-0.1	-0.3%
81.5%	41.9	41.8	-0.1	-0.2%
82.7%	41.8	41.8	-0.1	-0.1%
84.0%	41.8	41.7	-0.1	-0.2%
85.2%	41.7	41.7	0.0	0.0%
86.4%	41.6	41.6	0.0	0.0%
87.7%	41.6	41.6	0.0	-0.1%
88.9%	41.5	41.6	0.0	0.1%
90.1%	41.5	41.5	0.0	0.1%
91.4%	41.4	41.5	0.0	0.1%
92.6%	41.3	41.3	0.0	0.0%
93.8%	41.3	41.2	0.0	-0.1%
95.1%	41.2	41.2	0.0	-0.1%
96.3%	41.2	41.1	-0.1	-0.2%
97.5%	41.1	41.1	0.0	0.0%
98.8%	41.0	40.9	-0.1	-0.1%
100.0%	40.3	40.3	0.0	0.0%

January				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	44.7	44.4	-0.3	-0.7%
1.2%	43.8	43.9	0.1	0.2%
2.5%	43.8	43.8	0.0	0.0%
3.7%	43.5	43.5	0.0	0.0%
4.9%	43.5	43.5	0.0	0.0%
6.2%	43.4	43.4	0.0	0.0%
7.4%	43.3	43.2	0.0	-0.1%
8.6%	43.2	43.2	0.0	0.0%
9.9%	43.1	43.1	-0.1	-0.1%
11.1%	43.0	43.1	0.0	0.1%
12.3%	43.0	43.0	0.0	0.0%
13.6%	43.0	43.0	0.0	0.0%
14.8%	42.9	42.8	0.0	0.0%
16.0%	42.8	42.8	0.0	-0.1%
17.3%	42.8	42.8	0.0	-0.1%
18.5%	42.8	42.7	-0.1	-0.2%
19.8%	42.8	42.7	-0.1	-0.2%
21.0%	42.7	42.7	0.0	0.0%
22.2%	42.7	42.6	-0.1	-0.1%
23.5%	42.7	42.6	0.0	-0.1%
24.7%	42.6	42.6	0.0	0.0%
25.9%	42.6	42.6	-0.1	-0.1%
27.2%	42.5	42.5	0.0	0.0%
28.4%	42.4	42.4	0.0	0.0%
29.6%	42.4	42.4	0.0	0.0%
30.9%	42.3	42.3	0.0	0.1%
32.1%	42.3	42.3	0.0	0.0%
33.3%	42.2	42.3	0.1	0.1%
34.6%	42.2	42.2	0.0	0.1%
35.8%	42.1	42.2	0.2	0.4%
37.0%	42.0	42.2	0.2	0.4%
38.3%	42.0	42.1	0.1	0.1%
39.5%	41.9	42.0	0.1	0.3%
40.7%	41.9	42.0	0.1	0.1%
42.0%	41.9	41.9	0.0	0.0%
43.2%	41.9	41.9	0.0	0.0%
44.4%	41.8	41.9	0.0	0.1%
45.7%	41.8	41.8	0.0	0.0%
46.9%	41.8	41.8	0.0	0.0%
48.1%	41.8	41.8	0.0	0.1%
49.4%	41.7	41.8	0.0	0.1%
50.6%	41.7	41.8	0.0	0.1%
51.9%	41.7	41.7	0.0	0.0%
53.1%	41.7	41.7	0.0	0.0%
54.3%	41.7	41.6	0.0	0.0%
55.6%	41.6	41.6	0.0	-0.1%
56.8%	41.6	41.6	0.0	0.0%
58.0%	41.5	41.6	0.1	0.1%
59.3%	41.5	41.5	0.0	0.0%
60.5%	41.5	41.5	0.0	0.1%
61.7%	41.5	41.5	0.0	0.0%
63.0%	41.4	41.4	0.0	0.0%
64.2%	41.4	41.3	0.0	-0.1%
65.4%	41.4	41.3	0.0	-0.1%
66.7%	41.3	41.3	0.0	0.0%
67.9%	41.3	41.3	0.0	-0.1%
69.1%	41.3	41.3	0.0	-0.1%
70.4%	41.2	41.2	0.0	0.0%
71.6%	41.2	41.2	0.0	0.0%
72.8%	41.2	41.2	0.0	0.0%
74.1%	41.2	41.2	0.0	0.0%
75.3%	41.1	41.1	0.0	0.0%
76.5%	41.1	41.0	0.0	0.0%
77.8%	41.0	41.0	0.0	0.0%
79.0%	41.0	41.0	0.0	0.1%
80.2%	41.0	41.0	0.0	-0.1%
81.5%	41.0	41.0	0.0	0.0%
82.7%	40.8	40.9	0.1	0.3%
84.0%	40.7	40.7	0.0	0.0%
85.2%	40.6	40.7	0.1	0.2%
86.4%	40.6	40.6	0.0	0.0%
87.7%	40.5	40.5	0.0	0.0%
88.9%	40.5	40.5	0.0	0.0%
90.1%	40.3	40.5	0.2	0.6%
91.4%	40.2	40.3	0.0	0.1%
92.6%	40.0	40.2	0.2	0.5%
93.8%	39.9	40.0	0.1	0.2%
95.1%	39.9	39.9	0.0	0.0%
96.3%	39.8	39.8	0.0	0.0%
97.5%	39.7	39.6	-0.1	-0.3%
98.8%	39.6	39.6	0.0	0.0%
100.0%	39.3	39.2	-0.1	-0.2%

Table SQ-36-9b

Clear Creek below Whiskeytown, Monthly Temperature

Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	45.9	45.9	0.0	-0.1%
1.2%	45.6	45.6	0.0	0.0%
2.5%	45.2	45.2	0.0	0.1%
3.7%	44.8	44.8	0.0	0.0%
4.9%	44.8	44.8	0.0	0.0%
6.2%	44.7	44.7	0.0	0.0%
7.4%	44.7	44.7	0.1	0.1%
8.6%	44.6	44.7	0.1	0.2%
9.9%	44.6	44.6	0.0	0.1%
11.1%	44.5	44.6	0.0	0.0%
12.3%	44.5	44.5	0.0	0.0%
13.6%	44.4	44.5	0.2	0.4%
14.8%	44.3	44.3	0.0	0.0%
16.0%	44.3	44.3	0.0	0.1%
17.3%	44.3	44.3	0.0	0.0%
18.5%	44.2	44.2	0.0	0.1%
19.8%	44.2	44.2	0.0	0.0%
21.0%	44.0	44.0	0.0	0.0%
22.2%	44.0	44.0	0.0	0.0%
23.5%	44.0	44.0	0.0	0.0%
24.7%	43.9	43.9	0.0	0.0%
25.9%	43.9	43.9	0.0	0.0%
27.2%	43.9	43.9	0.0	0.0%
28.4%	43.9	43.9	0.0	0.0%
29.6%	43.8	43.9	0.0	0.1%
30.9%	43.8	43.8	0.0	0.0%
32.1%	43.8	43.8	0.0	0.1%
33.3%	43.7	43.8	0.1	0.1%
34.6%	43.7	43.7	0.0	0.0%
35.8%	43.7	43.7	0.0	0.0%
37.0%	43.5	43.6	0.0	0.1%
38.3%	43.5	43.5	0.0	0.0%
39.5%	43.5	43.5	0.0	0.0%
40.7%	43.4	43.4	0.0	0.0%
42.0%	43.4	43.4	0.0	0.1%
43.2%	43.3	43.4	0.0	0.0%
44.4%	43.3	43.3	0.0	0.1%
45.7%	43.3	43.3	0.0	0.1%
46.9%	43.2	43.3	0.1	0.1%
48.1%	43.2	43.2	0.0	0.1%
49.4%	43.2	43.2	0.1	0.2%
50.6%	43.2	43.2	0.1	0.1%
51.9%	43.2	43.2	0.0	0.1%
53.1%	43.1	43.2	0.0	0.1%
54.3%	43.1	43.2	0.1	0.1%
55.6%	43.1	43.1	0.1	0.1%
56.8%	43.1	43.1	0.0	0.1%
58.0%	42.9	43.1	0.1	0.3%
59.3%	42.9	43.0	0.2	0.4%
60.5%	42.9	43.0	0.1	0.2%
61.7%	42.8	42.9	0.1	0.2%
63.0%	42.8	42.9	0.1	0.1%
64.2%	42.7	42.8	0.1	0.3%
65.4%	42.7	42.8	0.2	0.4%
66.7%	42.6	42.8	0.2	0.4%
67.9%	42.6	42.7	0.1	0.3%
69.1%	42.6	42.5	0.0	0.0%
70.4%	42.5	42.5	0.0	0.0%
71.6%	42.5	42.5	0.0	0.0%
72.8%	42.5	42.5	0.0	0.0%
74.1%	42.5	42.5	0.0	0.1%
75.3%	42.4	42.5	0.0	0.0%
76.5%	42.4	42.4	0.0	0.0%
77.8%	42.3	42.3	0.0	0.0%
79.0%	42.2	42.2	0.0	0.0%
80.2%	42.2	42.2	0.0	0.0%
81.5%	42.2	42.2	0.0	0.0%
82.7%	42.1	42.1	0.0	0.0%
84.0%	42.1	42.1	0.0	0.1%
85.2%	42.0	42.1	0.1	0.2%
86.4%	42.0	42.0	0.0	0.1%
87.7%	42.0	42.0	0.0	0.0%
88.9%	41.9	42.0	0.1	0.2%
90.1%	41.9	41.9	0.0	0.0%
91.4%	41.7	41.7	0.0	0.0%
92.6%	41.5	41.5	0.0	0.0%
93.8%	41.5	41.5	0.0	0.0%
95.1%	41.5	41.5	0.0	0.0%
96.3%	41.2	41.2	0.0	0.0%
97.5%	41.1	41.1	0.0	0.0%
98.8%	40.9	41.1	0.2	0.4%
100.0%	40.9	40.9	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	49.0	49.0	0.0	0.0%
1.2%	48.3	48.3	0.0	0.0%
2.5%	48.0	48.0	0.0	0.0%
3.7%	48.0	48.0	0.0	0.1%
4.9%	47.8	47.8	-0.1	-0.1%
6.2%	47.8	47.7	-0.1	-0.2%
7.4%	47.7	47.7	0.0	0.0%
8.6%	47.6	47.5	-0.1	-0.3%
9.9%	47.5	47.5	0.0	0.0%
11.1%	47.4	47.4	0.0	0.1%
12.3%	47.4	47.4	0.0	0.0%
13.6%	47.3	47.3	0.0	0.0%
14.8%	47.2	47.2	0.0	-0.1%
16.0%	47.2	47.1	-0.1	-0.1%
17.3%	47.2	47.0	-0.2	-0.3%
18.5%	47.1	46.9	-0.2	-0.4%
19.8%	47.1	46.9	-0.3	-0.5%
21.0%	46.9	46.8	-0.1	-0.2%
22.2%	46.8	46.8	0.0	0.0%
23.5%	46.8	46.8	0.0	0.0%
24.7%	46.8	46.7	-0.1	-0.2%
25.9%	46.7	46.7	0.0	-0.1%
27.2%	46.5	46.6	0.1	0.1%
28.4%	46.5	46.5	0.0	0.0%
29.6%	46.5	46.5	0.0	0.1%
30.9%	46.5	46.5	0.0	0.0%
32.1%	46.5	46.5	0.0	-0.1%
33.3%	46.5	46.4	-0.1	-0.2%
34.6%	46.5	46.4	-0.1	-0.1%
35.8%	46.4	46.4	-0.1	-0.2%
37.0%	46.4	46.4	-0.1	-0.1%
38.3%	46.4	46.4	0.0	-0.1%
39.5%	46.4	46.3	0.0	-0.1%
40.7%	46.3	46.3	0.0	0.0%
42.0%	46.1	46.2	0.1	0.1%
43.2%	46.1	46.1	0.0	0.1%
44.4%	46.0	46.1	0.1	0.2%
45.7%	46.0	46.0	0.0	0.1%
46.9%	46.0	46.0	0.0	0.0%
48.1%	45.9	45.9	0.0	0.0%
49.4%	45.8	45.9	0.0	0.0%
50.6%	45.7	45.7	0.0	-0.1%
51.9%	45.7	45.7	0.0	0.0%
53.1%	45.7	45.7	0.0	0.0%
54.3%	45.7	45.6	-0.1	-0.1%
55.6%	45.6	45.6	0.0	0.0%
56.8%	45.6	45.6	0.0	0.0%
58.0%	45.5	45.5	-0.1	-0.2%
59.3%	45.5	45.4	-0.1	-0.2%
60.5%	45.5	45.3	-0.2	-0.3%
61.7%	45.3	45.3	0.0	0.0%
63.0%	45.2	45.3	0.0	0.0%
64.2%	45.2	45.2	0.0	0.0%
65.4%	45.2	45.2	0.0	0.0%
66.7%	45.2	45.1	-0.1	-0.2%
67.9%	45.1	45.1	0.0	-0.1%
69.1%	45.1	45.0	0.0	0.0%
70.4%	45.1	45.0	0.0	-0.1%
71.6%	45.0	45.0	-0.1	-0.1%
72.8%	45.0	45.0	0.0	0.0%
74.1%	45.0	44.9	-0.1	-0.1%
75.3%	45.0	44.9	-0.1	-0.1%
76.5%	44.8	44.9	0.1	0.1%
77.8%	44.8	44.8	0.0	0.0%
79.0%	44.8	44.8	0.0	0.0%
80.2%	44.8	44.8	0.0	0.0%
81.5%	44.7	44.7	0.0	0.0%
82.7%	44.7	44.7	0.0	0.0%
84.0%	44.5	44.5	0.0	0.0%
85.2%	44.5	44.5	0.0	0.0%
86.4%	44.4	44.4	0.0	0.0%
87.7%	44.4	44.4	0.0	0.0%
88.9%	44.2	44.3	0.1	0.2%
90.1%	44.2	44.2	0.0	0.1%
91.4%	44.1	44.1	0.1	0.1%
92.6%	44.0	44.1	0.1	0.3%
93.8%	44.0	44.0	0.0	0.0%
95.1%	43.9	43.9	0.0	0.1%
96.3%	43.9	43.9	0.0	0.1%
97.5%	43.7	43.7	0.0	0.0%
98.8%	43.5	43.5	0.0	-0.1%
100.0%	43.2	43.3	0.0	0.1%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	51.9	51.9	0.0	0.0%
1.2%	51.8	51.9	0.1	0.2%
2.5%	51.7	51.3	-0.4	-0.7%
3.7%	51.0	51.2	0.2	0.4%
4.9%	50.9	51.0	0.0	0.1%
6.2%	50.6	50.6	0.0	0.0%
7.4%	50.6	50.5	-0.1	-0.2%
8.6%	50.6	50.5	-0.1	-0.2%
9.9%	50.5	50.5	0.0	-0.1%
11.1%	50.5	50.5	0.0	0.0%
12.3%	50.4	50.4	0.0	0.0%
13.6%	50.4	50.4	0.0	-0.1%
14.8%	50.4	50.4	0.0	0.0%
16.0%	50.4	50.3	0.0	0.0%
17.3%	50.3	50.3	0.0	0.0%
18.5%	50.2	50.2	0.0	0.0%
19.8%	50.2	50.2	0.0	0.0%
21.0%	50.2	50.2	0.0	0.0%
22.2%	50.2	50.2	0.0	0.0%
23.5%	49.9	50.0	0.1	0.1%
24.7%	49.9	49.9	0.0	0.1%
25.9%	49.9	49.9	0.0	0.1%
27.2%	49.7	49.8	0.1	0.2%
28.4%	49.7	49.7	0.0	0.0%
29.6%	49.7	49.7	0.0	0.0%
30.9%	49.7	49.7	0.0	0.0%
32.1%	49.7	49.6	0.0	0.0%
33.3%	49.6	49.6	0.0	-0.1%
34.6%	49.4	49.4	0.0	0.0%
35.8%	49.4	49.4	0.1	0.1%
37.0%	49.3	49.4	0.0	0.0%
38.3%	49.3	49.3	0.0	-0.1%
39.5%	49.2	49.2	0.0	0.0%
40.7%	49.2	49.2	0.0	0.1%
42.0%	49.2	49.2	0.0	0.0%
43.2%	49.2	49.1	0.0	-0.1%
44.4%	49.1	49.1	0.0	-0.1%
45.7%	49.0	49.0	0.0	-0.1%
46.9%	48.9	49.0	0.1	0.1%
48.1%	48.9	48.9	0.0	0.1%
49.4%	48.8	48.9	0.0	0.1%
50.6%	48.8	48.8	0.1	0.2%
51.9%	48.6	48.6	0.0	0.0%
53.1%	48.6	48.6	0.0	0.0%
54.3%	48.5	48.6	0.1	0.2%
55.6%	48.5	48.6	0.1	0.2%
56.8%	48.5	48.6	0.1	0.2%
58.0%	48.4	48.6	0.1	0.3%
59.3%	48.4	48.4	0.0	0.1%
60.5%	48.4	48.4	0.0	0.0%
61.7%	48.3	48.4	0.1	0.2%
63.0%	48.3	48.4	0.1	0.2%
64.2%	48.2	48.4	0.2	0.4%
65.4%	48.1	48.3	0.1	0.3%
66.7%	48.1	48.2	0.1	0.2%
67.9%	48.1	48.1	0.1	0.1%
69.1%	48.0	48.0	0.0	-0.1%
70.4%	48.0	47.9	-0.1	-0.1%
71.6%	47.9	47.9	0.0	-0.1%
72.8%	47.9	47.9	0.0	0.0%
74.1%	47.9	47.9	0.0	0.0%
75.3%	47.9	47.8	0.0	-0.1%
76.5%	47.9	47.8	0.0	-0.1%
77.8%	47.7	47.7	0.0	0.0%
79.0%	47.6	47.5	-0.1	-0.2%
80.2%	47.5	47.3	-0.2	-0.4%
81.5%	47.4	47.3	-0.1	-0.2%
82.7%	47.4	47.3	0.0	-0.1%
84.0%	47.3	47.3	-0.1	-0.1%
85.2%	47.1	47.1	0.0	0.0%
86.4%	47.0	47.0	0.1	0.1%
87.7%	46.9	47.0	0.1	0.2%
88.9%	46.8	46.9	0.1	0.1%
90.1%	46.7	46.7	0.0	0.0%
91.4%	46.6	46.7	0.0	0.0%
92.6%	46.4	46.4	0.0	0.0%
93.8%	46.1	46.0	-0.1	-0.1%
95.1%	45.9	45.9	0.0	0.0%
96.3%	45.5	45.5	0.0	0.0%
97.5%	44.8	44.9	0.1	0.3%
98.8%	44.3	44.3	0.0	0.0%
100.0%	43.9	44.1	0.1	0.3%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	55.1	55.1	0.0	0.0%
1.2%	54.9	54.9	0.0	0.0%
2.5%	54.8	54.8	0.0	0.0%
3.7%	54.6	54.5	0.0	-0.1%
4.9%	54.4	54.4	0.0	0.0%
6.2%	54.4	54.4	0.0	0.0%
7.4%	54.1	54.1	0.0	0.0%
8.6%	54.0	54.0	0.0	0.1%
9.9%	54.0	53.9	-0.1	-0.1%
11.1%	54.0	53.9	-0.1	-0.2%
12.3%	53.7	53.7	0.0	0.0%
13.6%	53.7	53.7	0.0	0.0%
14.8%	53.6	53.7	0.1	0.1%
16.0%	53.6	53.6	0.0	0.0%
17.3%	53.5	53.5	0.0	0.0%
18.5%	53.5	53.4	-0.1	-0.2%
19.8%	53.4	53.4	0.0	-0.1%
21.0%	53.3	53.3	0.0	0.0%
22.2%	53.3	53.3	0.0	0.0%
23.5%	53.2	53.3	0.1	0.2%
24.7%	53.2	53.2	0.0	0.1%
25.9%	53.0	53.0	0.0	0.0%
27.2%	53.0	53.0	0.0	0.0%
28.4%	53.0	53.0	0.0	0.0%
29.6%	53.0	52.9	0.0	-0.1%
30.9%	52.9	52.9	0.0	-0.1%
32.1%	52.9	52.9	-0.1	-0.1%
33.3%	52.9	52.6	-0.3	-0.5%
34.6%	52.6	52.6	0.0	0.0%
35.8%	52.6	52.6	0.0	0.0%
37.0%	52.6	52.6	0.0	-0.1%
38.3%	52.6	52.5	0.0	-0.1%
39.5%	52.4	52.4	0.0	0.0%
40.7%	52.3	52.3	0.0	0.0%
42.0%	52.3	52.3	0.0	0.1%
43.2%	52.1	52.3	0.2	0.4%
44.4%	52.1	52.2	0.1	0.2%
45.7%	52.1	52.1	0.1	0.1%
46.9%	52.0	52.1	0.1	0.1%
48.1%	52.0	52.0	0.0	0.1%
49.4%	51.9	52.0	0.1	0.1%
50.6%	51.9	52.0	0.1	0.1%
51.9%	51.9	51.9	0.1	0.1%
53.1%	51.8	51.9	0.1	0.1%
54.3%	51.8	51.9	0.1	0.1%
55.6%	51.7	51.8	0.1	0.2%
56.8%	51.6	51.6	0.0	0.0%
58.0%	51.5	51.6	0.1	0.1%
59.3%	51.5	51.6	0.1	0.1%
60.5%	51.5	51.5	0.1	0.1%
61.7%	51.5	51.5	0.0	0.1%
63.0%	51.4	51.4	0.0	0.0%
64.2%	51.3	51.3	0.1	0.1%
65.4%	51.2	51.3	0.1	0.1%
66.7%	51.2	51.2	0.0	0.0%
67.9%	51.1	51.2	0.1	0.2%
69.1%	51.0	51.1	0.1	0.2%
70.4%	50.9	51.0	0.1	0.2%
71.6%	50.9	50.9	0.1	0.2%
72.8%	50.8	50.9	0.1	0.2%
74.1%	50.8	50.9	0.1	0.2%
75.3%	50.5	50.8	0.3	0.5%
76.5%	50.4	50.7	0.3	0.5%
77.8%	50.2	50.4	0.2	0.4%
79.0%	50.2	50.2	0.0	0.0%
80.2%	50.1	50.1	0.0	0.0%
81.5%	50.0	50.0	0.0	0.1%
82.7%	49.8	50.0	0.2	0.4%
84.0%	49.6	49.9	0.4	0.7%
85.2%	49.4	49.9	0.4	0.9%
86.4%	49.4	49.4	0.0	0.0%
87.7%	49.3	49.3	0.0	0.0%
88.9%	49.3	49.3	0.0	0.0%
90.1%	49.3	49.1	-0.2	-0.5%
91.4%	48.7	48.7	0.0	0.0%
92.6%	48.5	48.5	0.0	0.1%
93.8%	48.3	48.3	0.0	0.0%
95.1%	47.9	48.0	0.1	0.2%
96.3%	46.6	46.7	0.1	0.2%
97.5%	46.3	46.6	0.3	0.6%
98.8%	46.1	46.2	0.1	0.2%
100.0%	45.7	45.8	0.1	0.2%

Table SQ-36-9b

Clear Creek below Whiskeytown, Monthly Temperature

Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	57.3	57.5	0.2	0.4%
1.2%	57.2	57.2	0.0	0.0%
2.5%	56.9	57.2	0.3	0.4%
3.7%	56.8	57.0	0.1	0.2%
4.9%	56.5	56.1	-0.4	-0.8%
6.2%	56.5	55.9	-0.6	-1.0%
7.4%	56.4	55.9	-0.5	-1.0%
8.6%	56.1	55.8	-0.2	-0.4%
9.9%	55.9	55.8	-0.1	-0.2%
11.1%	55.8	55.8	0.0	0.0%
12.3%	55.8	55.7	0.0	-0.1%
13.6%	55.7	55.7	-0.1	-0.1%
14.8%	55.7	55.6	-0.1	-0.2%
16.0%	55.7	55.5	-0.2	-0.4%
17.3%	55.5	55.4	-0.1	-0.2%
18.5%	55.5	55.4	-0.1	-0.2%
19.8%	55.4	55.3	-0.1	-0.3%
21.0%	55.4	55.2	-0.2	-0.4%
22.2%	55.0	54.9	0.0	0.0%
23.5%	55.0	54.9	-0.1	-0.2%
24.7%	54.8	54.8	0.0	0.0%
25.9%	54.8	54.8	-0.1	-0.2%
27.2%	54.8	54.5	-0.4	-0.6%
28.4%	54.6	54.5	-0.2	-0.3%
29.6%	54.5	54.4	0.0	0.0%
30.9%	54.2	54.3	0.0	0.1%
32.1%	54.1	54.3	0.2	0.3%
33.3%	54.1	54.1	0.0	0.0%
34.6%	53.9	53.9	0.0	0.0%
35.8%	53.8	53.8	0.0	0.1%
37.0%	53.8	53.8	0.0	0.0%
38.3%	53.8	53.6	-0.2	-0.3%
39.5%	53.7	53.5	-0.2	-0.3%
40.7%	53.4	53.4	0.0	0.0%
42.0%	53.4	53.4	0.0	0.0%
43.2%	53.3	53.2	-0.1	-0.2%
44.4%	53.2	53.2	-0.1	-0.1%
45.7%	53.2	53.1	-0.1	-0.1%
46.9%	53.1	53.0	-0.1	-0.1%
48.1%	53.0	53.0	0.0	-0.1%
49.4%	53.0	52.8	-0.1	-0.3%
50.6%	52.9	52.8	-0.1	-0.3%
51.9%	52.8	52.7	-0.1	-0.1%
53.1%	52.8	52.7	-0.1	-0.1%
54.3%	52.7	52.6	-0.1	-0.2%
55.6%	52.6	52.5	-0.1	-0.2%
56.8%	52.5	52.4	-0.1	-0.2%
58.0%	52.5	52.2	-0.4	-0.7%
59.3%	52.4	52.1	-0.3	-0.5%
60.5%	52.1	52.0	-0.1	-0.2%
61.7%	51.9	51.9	0.0	0.0%
63.0%	51.9	51.9	0.0	-0.1%
64.2%	51.7	51.7	0.0	0.0%
65.4%	51.7	51.6	-0.1	-0.2%
66.7%	51.6	51.6	-0.1	-0.1%
67.9%	51.6	51.6	0.0	-0.1%
69.1%	51.6	51.5	0.0	-0.1%
70.4%	51.6	51.5	0.0	0.0%
71.6%	51.5	51.5	-0.1	-0.1%
72.8%	51.5	51.3	-0.2	-0.3%
74.1%	51.2	51.1	-0.1	-0.2%
75.3%	50.9	50.9	-0.1	-0.2%
76.5%	50.9	50.8	-0.1	-0.1%
77.8%	50.8	50.7	-0.1	-0.2%
79.0%	50.7	50.6	-0.1	-0.2%
80.2%	50.7	50.6	-0.1	-0.3%
81.5%	50.6	50.5	-0.1	-0.2%
82.7%	50.5	50.4	-0.1	-0.2%
84.0%	50.1	50.2	0.1	0.2%
85.2%	49.9	50.1	0.2	0.3%
86.4%	49.9	49.9	0.0	0.1%
87.7%	49.8	49.8	0.0	0.0%
88.9%	49.7	49.8	0.0	0.0%
90.1%	49.6	49.7	0.1	0.2%
91.4%	49.4	49.7	0.3	0.6%
92.6%	49.2	49.7	0.5	1.0%
93.8%	49.1	49.2	0.1	0.1%
95.1%	49.1	49.1	0.0	0.0%
96.3%	48.9	49.1	0.1	0.2%
97.5%	47.4	47.4	0.0	0.0%
98.8%	46.7	46.7	0.1	0.1%
100.0%	46.6	46.7	0.0	0.1%

July				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.4	60.4	0.0	0.0%
1.2%	59.4	59.1	-0.3	-0.4%
2.5%	59.0	58.9	-0.1	-0.1%
3.7%	58.9	56.8	-2.1	-3.5%
4.9%	58.7	56.4	-2.3	-3.9%
6.2%	57.7	55.9	-1.8	-3.1%
7.4%	56.5	55.4	-1.1	-2.0%
8.6%	55.4	54.7	-0.7	-1.2%
9.9%	54.5	54.7	0.2	0.4%
11.1%	54.4	54.6	0.2	0.3%
12.3%	54.4	54.4	0.1	0.1%
13.6%	54.3	54.2	-0.1	-0.3%
14.8%	54.3	54.2	-0.1	-0.2%
16.0%	54.3	54.2	-0.1	-0.2%
17.3%	54.3	54.2	-0.1	-0.2%
18.5%	54.0	54.0	0.1	0.1%
19.8%	53.7	53.9	0.2	0.3%
21.0%	53.7	53.9	0.2	0.3%
22.2%	53.6	53.8	0.2	0.3%
23.5%	53.5	53.7	0.2	0.3%
24.7%	53.4	53.6	0.2	0.4%
25.9%	53.2	53.1	-0.1	-0.2%
27.2%	53.2	53.0	-0.2	-0.3%
28.4%	53.1	53.0	0.0	-0.1%
29.6%	52.9	52.9	0.0	-0.1%
30.9%	52.9	52.9	0.0	-0.1%
32.1%	52.9	52.7	-0.2	-0.4%
33.3%	52.8	52.6	-0.2	-0.5%
34.6%	52.7	52.5	-0.2	-0.4%
35.8%	52.6	52.2	-0.4	-0.7%
37.0%	52.5	52.2	-0.3	-0.6%
38.3%	52.5	52.2	-0.3	-0.6%
39.5%	52.3	52.2	-0.1	-0.2%
40.7%	52.3	52.2	-0.1	-0.2%
42.0%	52.3	52.2	-0.1	-0.2%
43.2%	52.2	52.2	0.0	0.0%
44.4%	52.1	52.2	0.1	0.2%
45.7%	52.0	52.0	0.0	0.1%
46.9%	51.9	52.0	0.0	0.0%
48.1%	51.9	51.9	0.0	0.0%
49.4%	51.9	51.9	0.0	0.0%
50.6%	51.9	51.8	0.0	-0.1%
51.9%	51.9	51.8	-0.1	-0.2%
53.1%	51.8	51.7	-0.1	-0.2%
54.3%	51.8	51.7	-0.1	-0.2%
55.6%	51.7	51.6	-0.1	-0.1%
56.8%	51.6	51.5	-0.2	-0.3%
58.0%	51.6	51.4	-0.2	-0.4%
59.3%	51.6	51.3	-0.2	-0.5%
60.5%	51.4	51.3	-0.1	-0.2%
61.7%	51.4	51.3	-0.1	-0.2%
63.0%	51.3	51.2	-0.1	-0.2%
64.2%	51.2	51.0	-0.2	-0.4%
65.4%	51.2	51.0	-0.2	-0.4%
66.7%	51.1	51.0	-0.1	-0.3%
67.9%	51.1	50.9	-0.1	-0.2%
69.1%	51.0	50.9	0.0	-0.1%
70.4%	50.9	50.8	-0.2	-0.3%
71.6%	50.8	50.7	-0.1	-0.1%
72.8%	50.7	50.7	0.0	0.0%
74.1%	50.6	50.6	0.0	0.0%
75.3%	50.6	50.6	0.0	0.0%
76.5%	50.6	50.6	0.0	0.0%
77.8%	50.5	50.5	0.0	0.0%
79.0%	50.5	50.5	0.0	0.0%
80.2%	50.5	50.4	-0.1	-0.1%
81.5%	50.3	50.4	0.1	0.1%
82.7%	50.3	50.3	0.0	0.1%
84.0%	50.3	50.2	-0.1	-0.1%
85.2%	50.2	50.2	0.0	-0.1%
86.4%	50.1	50.1	0.0	0.0%
87.7%	49.9	50.1	0.1	0.2%
88.9%	49.9	50.0	0.0	0.1%
90.1%	49.9	50.0	0.1	0.1%
91.4%	49.8	49.6	-0.2	-0.5%
92.6%	49.8	49.5	-0.3	-0.7%
93.8%	49.8	49.4	-0.4	-0.7%
95.1%	49.7	49.3	-0.5	-0.9%
96.3%	48.8	48.7	0.0	0.0%
97.5%	48.8	48.6	-0.1	-0.2%
98.8%	48.1	48.1	0.0	0.0%
100.0%	47.6	47.7	0.1	0.2%

August				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.5	58.2	-1.3	-2.1%
1.2%	58.9	57.2	-1.7	-2.8%
2.5%	57.6	56.7	-0.9	-1.6%
3.7%	56.8	56.0	-0.8	-1.5%
4.9%	56.3	55.6	-0.7	-1.2%
6.2%	55.7	55.6	-0.1	-0.2%
7.4%	55.7	55.5	-0.1	-0.2%
8.6%	55.3	54.9	-0.5	-0.9%
9.9%	55.1	54.6	-0.5	-0.8%
11.1%	54.9	54.4	-0.6	-1.0%
12.3%	54.5	54.3	-0.2	-0.4%
13.6%	54.5	54.2	-0.2	-0.4%
14.8%	54.3	54.2	-0.1	-0.2%
16.0%	54.3	54.2	-0.1	-0.2%
17.3%	54.2	53.9	-0.3	-0.5%
18.5%	54.1	53.8	-0.2	-0.4%
19.8%	53.9	53.7	-0.2	-0.4%
21.0%	53.8	53.5	-0.2	-0.4%
22.2%	53.6	53.2	-0.4	-0.7%
23.5%	53.6	53.0	-0.6	-1.1%
24.7%	53.4	53.0	-0.4	-0.8%
25.9%	53.1	52.9	-0.2	-0.3%
27.2%	53.1	52.9	-0.1	-0.2%
28.4%	53.0	52.9	-0.1	-0.2%
29.6%	52.9	52.8	-0.1	-0.3%
30.9%	52.9	52.8	-0.1	-0.3%
32.1%	52.7	52.7	0.0	-0.1%
33.3%	52.7	52.6	-0.1	-0.3%
34.6%	52.6	52.5	-0.2	-0.3%
35.8%	52.6	52.4	-0.2	-0.3%
37.0%	52.5	52.4	-0.1	-0.2%
38.3%	52.5	52.2	-0.3	-0.5%
39.5%	52.5	52.2	-0.3	-0.6%
40.7%	52.4	52.1	-0.2	-0.5%
42.0%	52.3	52.1	-0.2	-0.3%
43.2%	52.2	52.1	-0.2	-0.4%
44.4%	52.2	52.1	-0.1	-0.2%
45.7%	52.2	51.9	-0.3	-0.6%
46.9%	52.1	51.6	-0.5	-1.0%
48.1%	52.0	51.5	-0.5	-1.0%
49.4%	51.9	51.5	-0.4	-0.8%
50.6%	51.9	51.3	-0.6	-1.2%
51.9%	51.9	51.3	-0.6	-1.2%
53.1%	51.7	51.3	-0.4	-0.8%
54.3%	51.5	51.2	-0.2	-0.5%
55.6%	51.4	51.2	-0.2	-0.4%
56.8%	51.4	51.2	-0.2	-0.4%
58.0%	51.4	51.2	-0.2	-0.3%
59.3%	51.4	51.1	-0.2	-0.4%
60.5%	51.2	51.1	-0.1	-0.2%
61.7%	51.2	51.1	-0.2	-0.3%
63.0%	51.1	51.0	-0.1	-0.2%
64.2%	51.1	50.9	-0.2	-0.3%
65.4%	51.1	50.9	-0.2	-0.3%
66.7%	51.1	50.9	-0.2	-0.3%
67.9%	51.1	50.9	-0.1	-0.3%
69.1%	51.1	50.8	-0.2	-0.4%
70.4%	51.0	50.8	-0.1	-0.3%
71.6%	50.9	50.8	-0.1	-0.2%
72.8%	50.9	50.8	-0.1	-0.2%
74.1%	50.8	50.8	0.0	-0.1%
75.3%	50.8	50.8	0.0	-0.1%
76.5%	50.8	50.7	-0.1	-0.1%
77.8%	50.7	50.6	-0.1	-0.2%
79.0%	50.7	50.6	-0.1	-0.2%
80.2%	50.7	50.6	-0.1	-0.2%
81.5%	50.7	50.6	0.0	-0.1%
82.7%	50.6	50.6	0.0	-0.1%
84.0%	50.5	50.5	0.1	0.2%
85.2%	50.4	50.5	0.1	0.2%
86.4%	50.4	50.4	0.0	0.0%
87.7%	50.4	50.4	0.0	0.0%
88.9%	50.3	50.4	0.0	0.0%
90.1%	50.2	50.4	0.1	0.2%
91.4%	50.1	50.3	0.2	0.4%
92.6%	50.1	50.2	0.2	0.3%
93.8%	50.0	50.2	0.2	0.4%
95.1%	49.7	50.0	0.4	0.8%
96.3%	49.5	50.0	0.5	1.0%
97.5%	49.5	49.9	0.3	0.7%
98.8%	49.5	49.8	0.3	0.6%
100.0%	49.2	49.6	0.4	0.8%

September				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	63.4	60.1	-3.3	-5.2%
1.2%	60.8	60.1	-0.7	-1.2%
2.5%	59.3	58.8	-0.5	-0.9%
3.7%	58.9	58.8	-0.1	-0.2%
4.9%	57.7	58.4	0.7	1.2%
6.2%	57.6	56.9	-0.7	-1.1%
7.4%	57.4	56.7	-0.8	-1.4%
8.6%	56.7	56.4	-0.3	-0.5%
9.9%	56.6	55.4	-1.1	-2.0%
11.1%	56.4	55.4	-1.0	-1.7%
12.3%	56.3	54.6	-1.7	-3.0%
13.6%	55.5	54.3	-1.2	-2.1%
14.8%	54.5	54.2	-0.3	-0.6%
16.0%	54.2	54.1	-0.1	-0.2%
17.3%	54.2	54.0	-0.2	-0.4%
18.5%	54.1	53.8	-0.3	-0.6%
19.8%	53.8	53.6	-0.2	-0.4%
21.0%	53.2	53.5	0.3	0.6%
22.2%	53.2	53.4	0.3	0.5%
23.5%	53.1	53.0	0.0	-0.1%
24.7%	53.1	53.0	-0.1	-0.1%
25.9%	53.1	52.9	-0.1	-0.3%
27.2%	53.0	52.4	-0.5	-1.0%
28.4%	52.8	52.2	-0.7	-1.3%
29.6%	52.3	52.1	-0.2	-0.3%
30.9%	52.2	52.1	-0.1	-0.2%
32.1%	52.1	51.8	-0.3	-0.6%
33.3%	52.1	51.7	-0.4	-0.7%
34.6%	52.0	51.7	-0.3	-0.6%
35.8%	51.9	51.7	-0.2	-0.4%
37.0%	51.8	51.7	-0.2	-0.3%
38.3%	51.8	51.6	-0.2	-0.4%
39.5%	51.7	51.5	-0.2	-0.5%
40.7%	51.7	51.4	-0.2	-0.4%
42.0%	51.5	51.4	-0.1	-0.2%
43.2%	51.5	51.4	-0.1	-0.2%
44.4%	51.4	51.3	-0.1	-0.1%
45.7%	51.1	51.2	0.1	0.2%
46.9%	51.1	51.2	0.1	0.1%
48.1%	51.0	51.1	0.1	0.2%
49.4%	51.0	51.0	0.0	0.0%
50.6%	50.9	51.0	0.1	0.1%
51.9%	50.8	50.9	0.1	0.2%
53.1%	50.8	50.9	0.1	0.3%
54.3%	50.8	50.9	0.1	0.3%
55.6%	50.7	50.9	0.2	0.3%
56.8%	50.7	50.9	0.2	0.4%
58.0%	50.7	50.9	0.2	0.4%
59.3%	50.7	50.8	0.1	0.3%
60.5%	50.7	50.8	0.1	0.2%
61.7%	50.7	50.7	0.0	0.0%
63.0%	50.6	50.7	0.0	0.1%
64.2%	50.6	50.7	0.1	0.2%
65.4%	50.5	50.7	0.1	0.2%
66.7%	50.5	50.6	0.1	0.3%
67.9%	50.5	50.5	0.0	0.1%
69.1%	50.4	50.5	0.0	0.1%
70.4%	50.4	50.4	0.0	0.0%
71.6%	50.4	50.4	0.0	-0.1%
72.8%	50.4	50.2	-0.2	-0.3%
74.1%	50.4	50.2	-0.2	-0.4%
75.3%	50.3	50.2	-0.2	-0.3%
76.5%	50.3	50.1	-0.2	-0.4%
77.8%	50.2	50.1	0.0	-0.1%
79.0%	50.1	50.1	-0.1	-0.1%
80.2%	50.1	50.1	-0.1	-0.1%
81.5%	50.1	50.0	-0.1	-0.1%
82.7%	50.0	50.0	-0.1	-0.1%
84.0%	50.0	49.9	-0.1	-0.1%
85.2%	50.0	49.9	-0.1	-0.1%
86.4%	49.9	49.9	0.0	-0.1%
87.7%	49.9	49.8	-0.1	-0.1%
88.9%	49.7	49.8	0.1	0.1%
90.1%	49.6	49.8	0.1	0.3%
91.4%	49.5	49.6	0.1	0.2%
92.6%	49.5	49.3	-0.2	-0.3%
93.8%	49.3	49.3	0.0	0.0%
95.1%	49.3	49.1	-0.2	-0.4%
96.3%	49.1	49.0	0.0	-0.1%
97.5%	48.9	49.0	0.1	0.2%
98.8%	48.8	48.9	0.2	0.3%
100.0%	48.7	48.7	0.0	0.0%

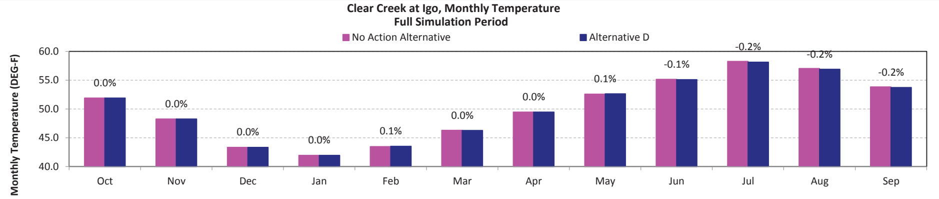
Table SQ-37-9a
Clear Creek at Igo, Monthly Temperature
Long-term Average and Average by Water Year Type

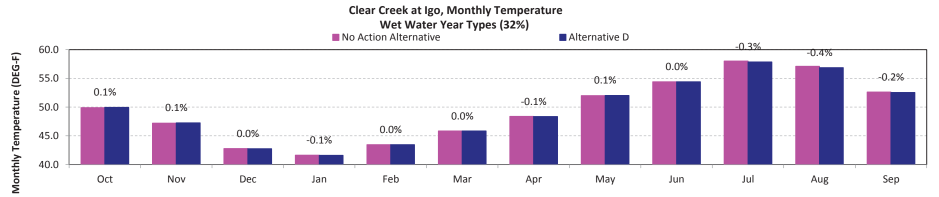
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	51.9	48.3	43.3	41.9	43.5	46.3	49.5	52.6	55.2	58.3	57.0	53.9
Alternative D	51.9	48.3	43.3	42.0	43.5	46.3	49.5	52.6	55.1	58.1	56.9	53.7
Difference	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1
Percent Difference[3]	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	-0.1%	-0.2%	-0.2%	-0.2%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	49.9	47.2	42.8	41.6	43.5	45.9	48.4	52.0	54.4	58.0	57.1	52.6
Alternative D	50.0	47.3	42.8	41.6	43.5	45.8	48.3	52.0	54.4	57.9	56.9	52.5
Difference	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.2	-0.1
Percent Difference	0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.1%	0.0%	-0.3%	-0.4%	-0.2%
Above Normal (15%)												
No Action Alternative	51.3	47.9	43.5	42.3	43.6	46.2	49.0	53.2	56.3	60.1	57.4	53.3
Alternative D	51.1	47.8	43.4	42.2	43.6	46.2	49.2	53.3	56.2	59.9	56.8	53.0
Difference	-0.3	-0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.0	-0.2	-0.6	-0.3
Percent Difference	-0.5%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	0.4%	0.1%	-0.1%	-0.4%	-1.0%	-0.6%
Below Normal (17%)												
No Action Alternative	52.4	48.4	43.4	41.8	42.9	46.0	49.6	53.2	54.8	58.3	57.1	54.0
Alternative D	52.4	48.5	43.4	41.8	42.9	46.0	49.7	53.2	54.8	58.2	57.1	54.1
Difference	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	0.0	0.1
Percent Difference	0.0%	0.3%	0.1%	0.1%	0.0%	0.0%	0.2%	0.1%	0.0%	-0.2%	0.0%	0.1%
Dry (22%)												
No Action Alternative	52.0	49.0	43.7	42.0	43.4	46.5	50.7	52.7	55.1	57.7	56.2	53.6
Alternative D	52.1	49.1	43.7	42.1	43.5	46.5	50.5	52.7	54.9	57.5	56.3	53.8
Difference	0.1	0.1	0.0	0.1	0.1	-0.1	-0.2	0.1	-0.2	-0.2	0.1	0.1
Percent Difference	0.2%	0.2%	0.0%	0.1%	0.2%	-0.1%	-0.4%	0.1%	-0.4%	-0.3%	0.1%	0.2%
Critical (15%)												
No Action Alternative	56.2	49.7	43.9	42.3	44.2	47.3	50.4	52.5	56.2	57.8	57.6	57.2
Alternative D	56.0	49.5	43.9	42.4	44.3	47.3	50.5	52.5	56.1	57.8	57.8	56.6
Difference	-0.2	-0.3	-0.1	0.0	0.0	0.0	0.1	0.1	-0.1	0.0	0.1	-0.6
Percent Difference	-0.3%	-0.6%	-0.1%	0.1%	0.1%	0.0%	0.2%	0.1%	-0.2%	0.0%	0.2%	-1.0%

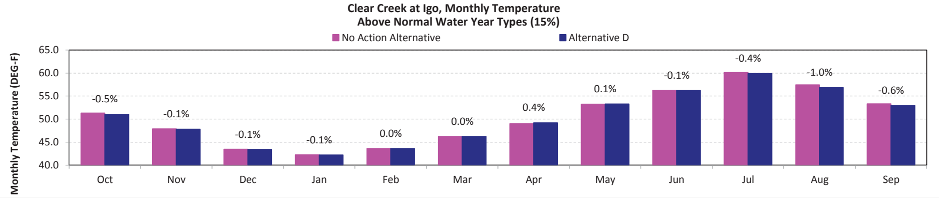
1 Based on the 82-year simulation period

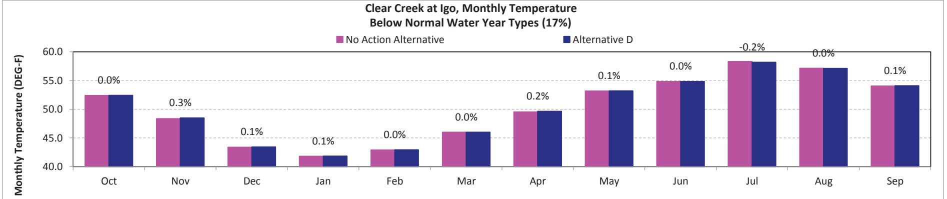
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

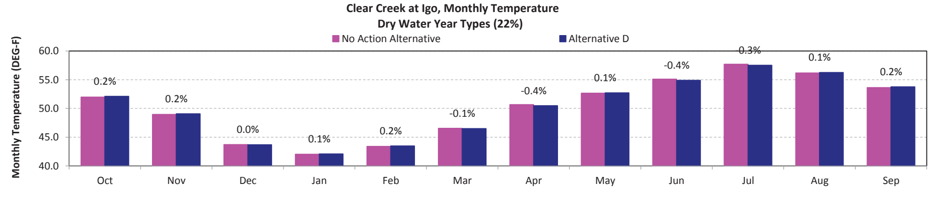
3 Relative difference of the monthly average


Clear Creek at Igo, Monthly Temperature
Full Simulation Period


Clear Creek at Igo, Monthly Temperature
Wet Water Year Types (32%)


Clear Creek at Igo, Monthly Temperature
Above Normal Water Year Types (15%)


Clear Creek at Igo, Monthly Temperature
Below Normal Water Year Types (17%)


Clear Creek at Igo, Monthly Temperature
Dry Water Year Types (22%)

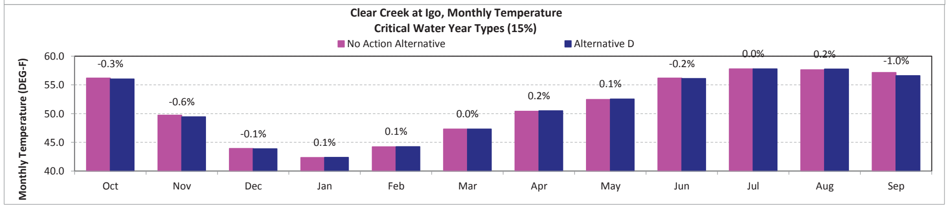

Clear Creek at Igo, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-37-9b
Clear Creek at Igo, Monthly Temperature
Probability of Exceedance

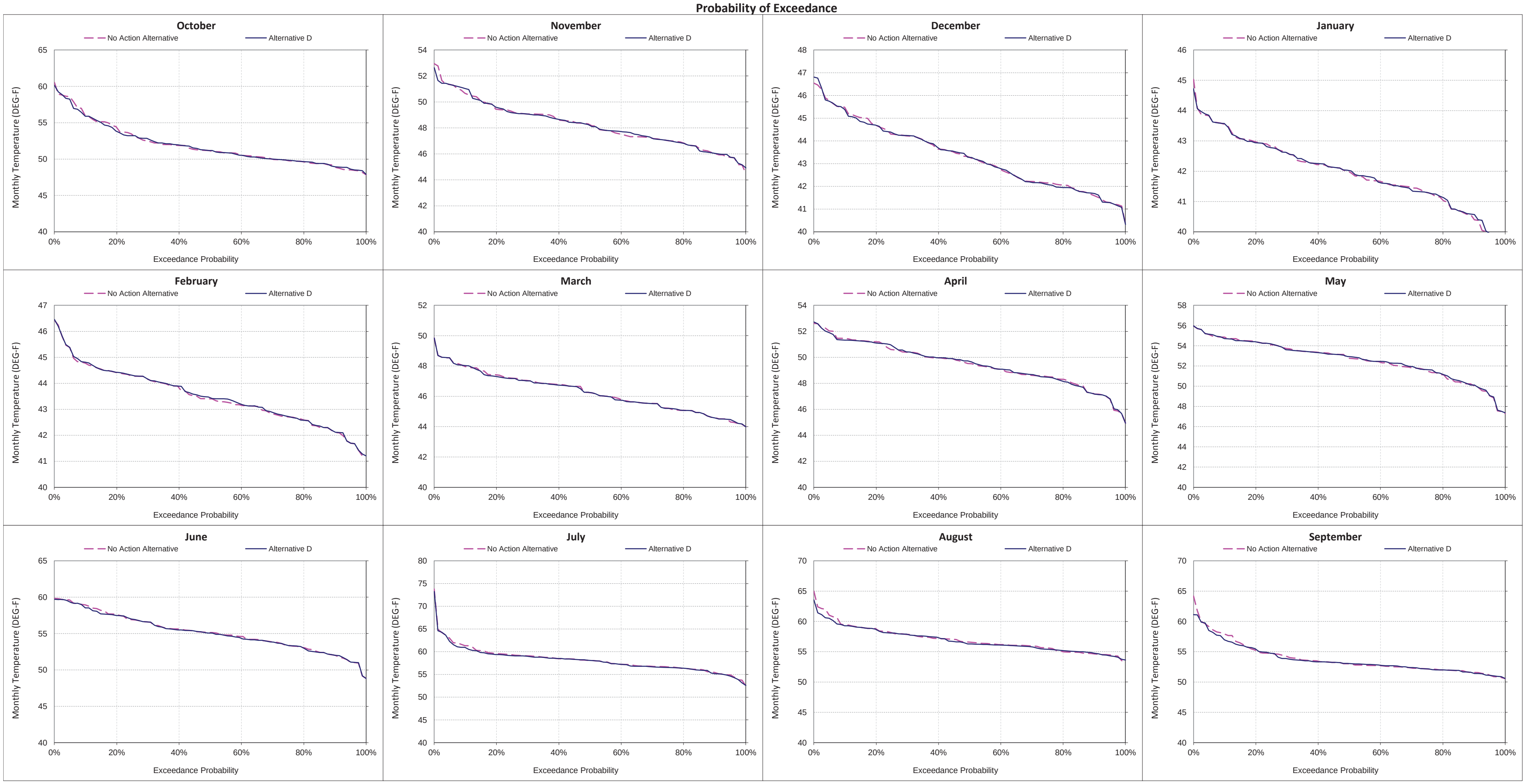


Table SQ-37-9b

Clear Creek at Igo, Monthly Temperature
Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	60.6	60.1	-0.4	-0.7%
1.2%	58.9	59.2	0.3	0.5%
2.5%	58.8	58.8	0.0	0.1%
3.7%	58.6	58.3	-0.3	-0.5%
4.9%	58.6	58.2	-0.4	-0.6%
6.2%	57.9	57.0	-0.9	-1.6%
7.4%	57.1	56.9	-0.2	-0.4%
8.6%	57.0	56.4	-0.5	-1.0%
9.9%	56.0	55.9	-0.1	-0.1%
11.1%	55.8	55.9	0.1	0.1%
12.3%	55.4	55.6	0.2	0.3%
13.6%	55.1	55.3	0.2	0.3%
14.8%	55.1	55.1	-0.1	-0.1%
16.0%	55.1	54.7	-0.4	-0.8%
17.3%	55.0	54.6	-0.4	-0.7%
18.5%	54.6	54.4	-0.3	-0.5%
19.8%	54.5	53.9	-0.6	-1.1%
21.0%	53.8	53.6	-0.2	-0.3%
22.2%	53.7	53.3	-0.4	-0.8%
23.5%	53.7	53.2	-0.4	-0.8%
24.7%	53.5	53.2	-0.3	-0.5%
25.9%	53.1	53.2	0.1	0.3%
27.2%	52.9	52.9	0.0	0.0%
28.4%	52.6	52.9	0.3	0.5%
29.6%	52.5	52.9	0.4	0.7%
30.9%	52.4	52.6	0.2	0.5%
32.1%	52.2	52.4	0.2	0.4%
33.3%	52.2	52.2	0.0	0.0%
34.6%	52.0	52.2	0.2	0.4%
35.8%	52.0	52.1	0.1	0.2%
37.0%	52.0	52.1	0.1	0.2%
38.3%	51.9	52.0	0.1	0.1%
39.5%	51.9	52.0	0.1	0.2%
40.7%	51.9	51.9	0.0	0.0%
42.0%	51.9	51.8	0.0	-0.1%
43.2%	51.5	51.8	0.3	0.5%
44.4%	51.3	51.5	0.2	0.4%
45.7%	51.3	51.5	0.2	0.3%
46.9%	51.2	51.3	0.1	0.2%
48.1%	51.2	51.2	0.1	0.1%
49.4%	51.2	51.2	0.0	0.0%
50.6%	51.1	51.2	0.1	0.2%
51.9%	51.0	51.0	-0.1	-0.1%
53.1%	51.0	50.9	-0.1	-0.2%
54.3%	50.9	50.9	0.0	0.0%
55.6%	50.8	50.9	0.0	0.0%
56.8%	50.8	50.8	0.0	0.0%
58.0%	50.8	50.7	-0.1	-0.3%
59.3%	50.6	50.5	-0.1	-0.2%
60.5%	50.5	50.5	0.0	0.0%
61.7%	50.5	50.3	-0.1	-0.2%
63.0%	50.4	50.3	-0.1	-0.3%
64.2%	50.4	50.3	-0.1	-0.1%
65.4%	50.3	50.2	-0.1	-0.2%
66.7%	50.3	50.1	-0.1	-0.2%
67.9%	50.2	50.1	-0.1	-0.3%
69.1%	50.1	50.0	-0.1	-0.1%
70.4%	49.9	50.0	0.0	0.0%
71.6%	49.9	49.9	0.0	0.1%
72.8%	49.9	49.9	0.0	0.1%
74.1%	49.9	49.9	0.0	0.1%
75.3%	49.8	49.8	0.1	0.1%
76.5%	49.7	49.8	0.0	0.1%
77.8%	49.7	49.7	0.0	0.0%
79.0%	49.7	49.7	0.0	0.0%
80.2%	49.6	49.7	0.1	0.1%
81.5%	49.5	49.6	0.1	0.2%
82.7%	49.4	49.6	0.2	0.3%
84.0%	49.4	49.4	0.0	0.0%
85.2%	49.4	49.4	0.0	0.0%
86.4%	49.4	49.4	0.0	0.0%
87.7%	49.2	49.3	0.0	0.1%
88.9%	49.2	49.0	-0.2	-0.4%
90.1%	48.9	48.9	0.1	0.2%
91.4%	48.8	48.9	0.2	0.3%
92.6%	48.6	48.9	0.3	0.6%
93.8%	48.5	48.9	0.3	0.7%
95.1%	48.5	48.6	0.1	0.2%
96.3%	48.4	48.5	0.1	0.1%
97.5%	48.4	48.5	0.1	0.2%
98.8%	48.2	48.4	0.2	0.5%
100.0%	47.8	47.9	0.0	0.1%

November				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.0	52.6	-0.3	-0.6%
1.2%	52.8	51.6	-1.1	-2.1%
2.5%	51.6	51.4	-0.2	-0.4%
3.7%	51.4	51.4	0.0	0.1%
4.9%	51.3	51.4	0.0	0.0%
6.2%	51.3	51.3	0.0	-0.1%
7.4%	51.0	51.2	0.2	0.4%
8.6%	50.9	51.1	0.2	0.4%
9.9%	50.7	51.0	0.4	0.7%
11.1%	50.5	50.9	0.4	0.8%
12.3%	50.5	50.3	-0.2	-0.3%
13.6%	50.4	50.2	-0.2	-0.4%
14.8%	50.1	50.1	0.0	0.0%
16.0%	50.0	49.9	-0.1	-0.2%
17.3%	49.9	49.9	0.0	0.1%
18.5%	49.8	49.8	0.0	0.0%
19.8%	49.4	49.6	0.2	0.3%
21.0%	49.4	49.5	0.1	0.2%
22.2%	49.4	49.5	0.1	0.1%
23.5%	49.4	49.3	-0.1	-0.2%
24.7%	49.3	49.2	-0.1	-0.2%
25.9%	49.2	49.1	0.0	-0.1%
27.2%	49.1	49.1	0.0	-0.1%
28.4%	49.1	49.1	0.0	0.0%
29.6%	49.1	49.1	0.0	0.0%
30.9%	49.1	49.0	0.0	-0.1%
32.1%	49.1	49.0	-0.1	-0.1%
33.3%	49.1	49.0	-0.1	-0.1%
34.6%	49.0	49.0	-0.1	-0.2%
35.8%	49.0	48.9	-0.1	-0.2%
37.0%	49.0	48.8	-0.2	-0.3%
38.3%	48.9	48.7	-0.1	-0.3%
39.5%	48.6	48.7	0.1	0.2%
40.7%	48.6	48.6	0.0	0.1%
42.0%	48.5	48.6	0.0	0.1%
43.2%	48.5	48.4	-0.1	-0.2%
44.4%	48.5	48.4	-0.1	-0.2%
45.7%	48.4	48.4	0.0	0.0%
46.9%	48.4	48.4	0.0	0.0%
48.1%	48.4	48.3	0.0	-0.1%
49.4%	48.3	48.3	0.0	-0.1%
50.6%	48.2	48.1	-0.1	-0.1%
51.9%	48.1	48.1	0.0	-0.1%
53.1%	47.9	47.9	0.0	0.1%
54.3%	47.8	47.8	0.0	0.0%
55.6%	47.8	47.8	0.0	0.0%
56.8%	47.8	47.8	0.0	0.1%
58.0%	47.6	47.8	0.1	0.3%
59.3%	47.6	47.7	0.2	0.4%
60.5%	47.5	47.7	0.2	0.4%
61.7%	47.4	47.7	0.3	0.6%
63.0%	47.3	47.6	0.3	0.7%
64.2%	47.3	47.5	0.2	0.4%
65.4%	47.3	47.5	0.2	0.4%
66.7%	47.3	47.4	0.1	0.2%
67.9%	47.3	47.4	0.1	0.1%
69.1%	47.3	47.3	0.0	0.1%
70.4%	47.2	47.2	0.0	0.0%
71.6%	47.2	47.1	0.0	-0.1%
72.8%	47.1	47.1	0.0	0.0%
74.1%	47.1	47.1	0.0	0.0%
75.3%	47.0	47.0	0.0	0.0%
76.5%	47.0	47.0	0.0	-0.1%
77.8%	47.0	46.9	-0.1	-0.1%
79.0%	46.9	46.9	-0.1	-0.1%
80.2%	46.8	46.8	0.0	0.0%
81.5%	46.6	46.7	0.0	0.1%
82.7%	46.6	46.6	0.0	0.0%
84.0%	46.6	46.6	0.0	0.0%
85.2%	46.4	46.2	-0.2	-0.4%
86.4%	46.3	46.2	-0.1	-0.3%
87.7%	46.2	46.1	-0.1	-0.2%
88.9%	46.1	46.1	0.0	0.0%
90.1%	46.0	46.0	0.0	0.0%
91.4%	45.9	46.0	0.0	0.1%
92.6%	45.9	46.0	0.0	0.1%
93.8%	45.8	46.0	0.2	0.4%
95.1%	45.7	45.7	0.0	0.0%
96.3%	45.7	45.7	0.0	0.0%
97.5%	45.2	45.3	0.1	0.2%
98.8%	45.2	45.2	0.0	0.0%
100.0%	44.5	44.9	0.4	0.9%

December				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	46.5	46.8	0.3	0.6%
1.2%	46.5	46.8	0.3	0.6%
2.5%	46.3	46.3	0.1	0.1%
3.7%	45.9	45.8	-0.1	-0.2%
4.9%	45.8	45.7	0.0	-0.1%
6.2%	45.6	45.7	0.0	0.0%
7.4%	45.5	45.5	0.0	0.0%
8.6%	45.5	45.5	0.0	0.0%
9.9%	45.5	45.4	-0.1	-0.2%
11.1%	45.2	45.1	-0.1	-0.2%
12.3%	45.2	45.1	-0.1	-0.2%
13.6%	45.1	45.0	-0.1	-0.2%
14.8%	45.0	44.9	-0.2	-0.4%
16.0%	45.0	44.8	-0.2	-0.4%
17.3%	45.0	44.7	-0.2	-0.5%
18.5%	44.8	44.7	0.0	-0.1%
19.8%	44.7	44.7	0.0	0.0%
21.0%	44.6	44.6	0.0	0.1%
22.2%	44.6	44.4	-0.1	-0.3%
23.5%	44.5	44.4	-0.1	-0.2%
24.7%	44.3	44.4	0.1	0.2%
25.9%	44.3	44.3	0.0	0.1%
27.2%	44.3	44.3	0.0	0.0%
28.4%	44.3	44.2	0.0	0.0%
29.6%	44.2	44.2	0.0	0.0%
30.9%	44.2	44.2	0.0	0.0%
32.1%	44.2	44.2	0.0	0.1%
33.3%	44.1	44.1	0.0	0.0%
34.6%	44.1	44.1	0.0	0.0%
35.8%	44.0	44.0	0.0	0.0%
37.0%	43.9	43.9	0.0	0.0%
38.3%	43.8	43.9	0.1	0.1%
39.5%	43.6	43.7	0.1	0.2%
40.7%	43.6	43.6	0.0	0.0%
42.0%	43.6	43.6	0.0	0.0%
43.2%	43.6	43.6	0.0	0.0%
44.4%	43.5	43.6	0.0	0.1%
45.7%	43.5	43.5	0.1	0.1%
46.9%	43.4	43.5	0.0	0.1%
48.1%	43.3	43.5	0.1	0.3%
49.4%	43.3	43.3	0.0	-0.1%
50.6%	43.2	43.3	0.0	0.1%
51.9%	43.2	43.2	0.0	-0.1%
53.1%	43.1	43.1	0.0	0.1%
54.3%	43.0	43.1	0.1	0.1%
55.6%	43.0	43.0	0.0	0.0%
56.8%	43.0	42.9	0.0	0.0%
58.0%	42.9	42.9	0.0	-0.1%
59.3%	42.8	42.8	0.0	0.0%
60.5%	42.7	42.8	0.1	0.1%
61.7%	42.6	42.7	0.1	0.2%
63.0%	42.6	42.6	0.0	0.1%
64.2%	42.5	42.5	0.0	0.0%
65.4%	42.4	42.4	0.0	0.0%
66.7%	42.3	42.3	0.0	0.0%
67.9%	42.2	42.2	0.0	0.0%
69.1%	42.2	42.2	0.0	0.0%
70.4%	42.2	42.2	-0.1	-0.1%
71.6%	42.2	42.2	0.0	-0.1%
72.8%	42.2	42.1	0.0	-0.1%
74.1%	42.2	42.1	0.0	-0.1%
75.3%	42.1	42.1	-0.1	-0.2%
76.5%	42.1	42.0	-0.1	-0.2%
77.8%	42.1	42.0	-0.1	-0.3%
79.0%	42.1	42.0	-0.1	-0.3%
80.2%	42.1	41.9	-0.1	-0.3%
81.5%	42.0	41.9	-0.1	-0.2%
82.7%	41.9	41.9	0.0	0.0%
84.0%	41.9	41.8	-0.1	-0.2%
85.2%	41.8	41.8	0.0	0.0%
86.4%	41.8	41.8	0.0	0.0%
87.7%	41.7	41.7	0.0	0.0%
88.9%	41.7	41.7	0.0	0.1%
90.1%	41.6	41.7	0.1	0.2%
91.4%	41.5	41.6	0.1	0.2%
92.6%	41.4	41.3	-0.1	-0.2%
93.8%	41.3	41.3	0.0	0.0%
95.1%	41.3	41.3	0.0	0.0%
96.3%	41.2	41.2	0.0	0.0%
97.5%	41.2	41.1	0.0	-0.1%
98.8%	41.1	41.1	-0.1	-0.1%
100.0%	40.3	40.3	0.0	0.0%

January				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	45.0	44.7	-0.3	-0.7%
1.2%	44.1	44.1	0.0	0.0%
2.5%	43.9	44.0	0.1	0.2%
3.7%	43.9	43.9	0.0	0.1%
4.9%	43.8	43.8	0.0	0.0%
6.2%	43.6	43.6	0.0	0.0%
7.4%	43.6	43.6	0.0	0.0%
8.6%	43.6	43.6	0.0	0.0%
9.9%	43.5	43.6	0.0	0.1%
11.1%	43.5	43.4	0.0	-0.1%
12.3%	43.3	43.2	0.0	-0.1%
13.6%	43.1	43.2	0.0	0.1%
14.8%	43.1	43.1	0.0	0.0%
16.0%	43.1	43.1	0.0	0.0%
17.3%	43.0	43.0	-0.1	-0.1%
18.5%	43.0	43.0	0.0	-0.1%
19.8%	43.0	42.9	0.0	-0.1%
21.0%	42.9	42.9	0.0	0.0%
22.2%	42.9	42.9	0.0	0.0%
23.5%	42.9	42.8	-0.1	-0.2%
24.7%	42.8	42.8	0.0	-0.1%
25.9%	42.8	42.8	-0.1	-0.2%
27.2%	42.7	42.7	0.0	0.0%
28.4%	42.7	42.6	0.0	-0.1%
29.6%	42.6	42.6	0.0	0.0%
30.9%	42.6	42.6	0.0	0.0%
32.1%	42.5	42.5	0.0	0.0%
33.3%	42.4	42.4	0.1	0.2%
34.6%	42.3	42.4	0.1	0.2%
35.8%	42.3	42.4	0.1	0.1%
37.0%	42.3	42.3	0.0	0.0%
38.3%	42.3	42.3	0.0	0.0%
39.5%	42.2	42.3	0.0	0.1%
40.7%	42.2	42.3	0.0	0.1%
42.0%	42.2	42.2	0.0	0.1%
43.2%	42.2	42.1	0.0	0.0%
44.4%	42.1	42.1	0.0	0.0%
45.7%	42.1	42.1	0.0	0.0%
46.9%	42.1	42.1	0.0	0.0%
48.1%	42.0	42.0	0.0	0.0%
49.4%	42.0	42.0	0.0	0.1%
50.6%	41.9	42.0	0.1	0.2%
51.9%	41.8	41.9	0.0	0.1%
53.1%	41.8	41.9	0.0	0.1%
54.3%	41.8	41.9	0.0	0.1%
55.6%	41.7	41.8	0.1	0.3%
56.8%	41.7	41.8	0.1	0.3%
58.0%	41.7	41.8	0.1	0.2%
59.3%	41.7	41.6	0.0	-0.1%
60.5%	41.6	41.6	0.0	-0.1%
61.7%	41.6	41.6	0.0	0.0%
63.0%	41.6	41.6	0.0	0.1%
64.2%	41.5	41.5	0.0	-0.1%
65.4%	41.5	41.5	0.0	-0.1%
66.7%	41.5	41.5	0.0	-0.1%
67.9%	41.5	41.5	0.0	-0.1%
69.1%	41.5	41.4	0.0	-0.1%
70.4%	41.4	41.3	-0.1	-0.3%
71.6%	41.4	41.3	-0.1	-0.3%
72.8%	41.4	41.3	-0.1	-0.2%
74.1%	41.3	41.3	0.0	0.0%
75.3%	41.3	41.3	0.0	0.0%
76.5%	41.2	41.3	0.0	0.0%
77.8%	41.2	41.2	0.1	0.2%
79.0%	41.2	41.2	0.0	0.1%
80.2%	41.0	41.1	0.1	0.2%
81.5%	41.0	41.0	0.1	0.1%
82.7%	40.7	40.8	0.0	0.0%
84.0%	40.7	40.7	0.0	0.0%
85.2%	40.7	40.7	0.0	-0.1%
86.4%	40.6	40.7	0.0	0.1%
87.7%	40.6	40.6	0.0	0.1%
88.9%	40.6	40.6	0.0	0.0%
90.1%	40.4	40.6	0.2	0.4%
91.4%	40.4	40.4	0.0	0.0%
92.6%	40.0	40.4	0.3	0.8%
93.8%	40.0	40.0	0.0	0.0%
95.1%	39.9	39.9	0.0	0.0%
96.3%	39.9	39.7	-0.1	-0.4%
97.5%	39.7	39.7	0.0	0.1%
98.8%	39.4	39.3	-0.1	-0.2%
100.0%	38.6	38.6	0.0	0.1%

Table SQ-37-9b

Clear Creek at Igo, Monthly Temperature
Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	46.4	46.5	0.0	0.1%
1.2%	46.2	46.2	0.0	-0.1%
2.5%	45.8	45.8	0.0	0.0%
3.7%	45.5	45.5	0.0	0.1%
4.9%	45.4	45.4	0.0	0.0%
6.2%	45.0	45.0	0.1	0.1%
7.4%	44.8	45.0	0.1	0.3%
8.6%	44.8	44.8	0.0	0.0%
9.9%	44.8	44.8	0.0	0.1%
11.1%	44.7	44.8	0.1	0.2%
12.3%	44.7	44.7	0.0	0.1%
13.6%	44.6	44.6	0.0	0.0%
14.8%	44.6	44.5	0.0	0.0%
16.0%	44.5	44.5	0.0	0.0%
17.3%	44.5	44.5	0.0	0.0%
18.5%	44.5	44.5	0.0	0.0%
19.8%	44.4	44.4	0.0	0.0%
21.0%	44.4	44.4	0.0	0.1%
22.2%	44.4	44.4	0.0	0.0%
23.5%	44.3	44.4	0.0	0.0%
24.7%	44.3	44.3	0.0	0.1%
25.9%	44.3	44.3	0.0	0.0%
27.2%	44.3	44.3	0.0	0.0%
28.4%	44.3	44.3	0.0	0.0%
29.6%	44.2	44.2	0.0	0.0%
30.9%	44.1	44.1	0.0	0.0%
32.1%	44.1	44.1	0.0	0.1%
33.3%	44.0	44.1	0.0	0.0%
34.6%	44.0	44.0	0.0	0.0%
35.8%	44.0	44.0	0.0	0.0%
37.0%	43.9	43.9	0.0	0.1%
38.3%	43.9	43.9	0.0	0.0%
39.5%	43.9	43.9	0.0	0.0%
40.7%	43.7	43.9	0.2	0.4%
42.0%	43.7	43.7	0.0	0.0%
43.2%	43.6	43.6	0.1	0.2%
44.4%	43.5	43.6	0.1	0.1%
45.7%	43.5	43.6	0.1	0.1%
46.9%	43.4	43.5	0.1	0.2%
48.1%	43.4	43.5	0.1	0.2%
49.4%	43.4	43.5	0.1	0.2%
50.6%	43.4	43.4	0.0	0.0%
51.9%	43.3	43.4	0.1	0.2%
53.1%	43.3	43.4	0.1	0.3%
54.3%	43.3	43.4	0.1	0.3%
55.6%	43.3	43.4	0.1	0.3%
56.8%	43.2	43.4	0.1	0.3%
58.0%	43.2	43.3	0.1	0.2%
59.3%	43.2	43.2	0.1	0.1%
60.5%	43.1	43.2	0.0	0.1%
61.7%	43.1	43.1	0.0	0.0%
63.0%	43.1	43.1	0.0	0.0%
64.2%	43.1	43.1	0.0	0.0%
65.4%	43.1	43.1	0.0	-0.1%
66.7%	43.0	43.1	0.1	0.3%
67.9%	42.9	42.9	0.0	0.0%
69.1%	42.9	42.9	0.1	0.1%
70.4%	42.8	42.9	0.1	0.1%
71.6%	42.8	42.8	0.0	0.1%
72.8%	42.7	42.8	0.0	0.1%
74.1%	42.7	42.8	0.0	0.1%
75.3%	42.7	42.7	0.0	0.0%
76.5%	42.7	42.7	0.0	0.0%
77.8%	42.7	42.7	0.0	0.0%
79.0%	42.6	42.6	0.0	-0.1%
80.2%	42.6	42.6	0.0	0.0%
81.5%	42.6	42.6	0.0	0.0%
82.7%	42.4	42.4	0.0	0.1%
84.0%	42.4	42.4	0.0	0.0%
85.2%	42.3	42.4	0.1	0.1%
86.4%	42.3	42.3	0.0	0.0%
87.7%	42.3	42.3	0.0	0.0%
88.9%	42.2	42.2	0.0	0.0%
90.1%	42.1	42.1	0.0	0.0%
91.4%	42.1	42.1	0.0	0.0%
92.6%	42.0	42.1	0.1	0.3%
93.8%	41.8	41.8	0.0	0.0%
95.1%	41.7	41.7	0.0	0.0%
96.3%	41.7	41.7	0.0	0.0%
97.5%	41.4	41.4	0.0	0.0%
98.8%	41.2	41.3	0.1	0.2%
100.0%	41.2	41.2	0.0	0.1%

March

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	49.8	49.9	0.0	0.0%
1.2%	48.7	48.7	0.0	0.0%
2.5%	48.6	48.6	0.0	0.0%
3.7%	48.5	48.6	0.0	0.0%
4.9%	48.5	48.5	0.0	0.0%
6.2%	48.2	48.2	0.0	-0.1%
7.4%	48.2	48.1	-0.1	-0.2%
8.6%	48.1	48.1	0.0	0.0%
9.9%	48.0	48.0	0.1	0.1%
11.1%	47.9	48.0	0.1	0.2%
12.3%	47.9	47.9	0.0	0.0%
13.6%	47.9	47.8	-0.1	-0.2%
14.8%	47.7	47.7	0.0	0.0%
16.0%	47.7	47.4	-0.2	-0.5%
17.3%	47.4	47.4	-0.1	-0.2%
18.5%	47.4	47.3	-0.1	-0.2%
19.8%	47.4	47.3	-0.1	-0.2%
21.0%	47.4	47.3	-0.1	-0.3%
22.2%	47.3	47.2	-0.1	-0.1%
23.5%	47.2	47.2	0.0	-0.1%
24.7%	47.2	47.2	0.0	-0.1%
25.9%	47.2	47.2	0.0	0.0%
27.2%	47.2	47.1	-0.1	-0.2%
28.4%	47.1	47.1	0.0	0.0%
29.6%	47.1	47.0	0.0	-0.1%
30.9%	47.0	47.0	0.0	0.0%
32.1%	47.0	46.9	-0.1	-0.2%
33.3%	46.9	46.9	0.0	0.0%
34.6%	46.9	46.9	0.0	0.0%
35.8%	46.8	46.8	0.0	0.0%
37.0%	46.8	46.8	0.0	-0.1%
38.3%	46.8	46.8	0.0	0.0%
39.5%	46.8	46.7	0.0	-0.1%
40.7%	46.8	46.7	0.0	-0.1%
42.0%	46.7	46.7	0.0	-0.1%
43.2%	46.7	46.7	0.0	0.0%
44.4%	46.7	46.7	0.0	0.0%
45.7%	46.7	46.7	0.0	0.0%
46.9%	46.7	46.5	-0.1	-0.3%
48.1%	46.3	46.3	0.0	0.0%
49.4%	46.3	46.3	0.0	0.0%
50.6%	46.2	46.2	0.0	0.0%
51.9%	46.2	46.2	0.0	0.0%
53.1%	46.0	46.0	0.0	0.0%
54.3%	46.0	46.0	0.0	0.0%
55.6%	46.0	46.0	0.0	0.0%
56.8%	46.0	46.0	0.0	0.0%
58.0%	45.9	45.8	-0.2	-0.3%
59.3%	45.9	45.8	-0.1	-0.2%
60.5%	45.7	45.7	0.0	0.0%
61.7%	45.7	45.7	0.0	-0.1%
63.0%	45.6	45.6	0.0	0.0%
64.2%	45.6	45.6	0.0	0.0%
65.4%	45.6	45.6	0.0	0.0%
66.7%	45.6	45.6	0.0	0.0%
67.9%	45.5	45.5	0.0	0.0%
69.1%	45.5	45.5	0.0	0.0%
70.4%	45.5	45.5	0.0	0.0%
71.6%	45.5	45.5	0.0	0.0%
72.8%	45.3	45.3	0.0	0.0%
74.1%	45.2	45.2	0.0	0.0%
75.3%	45.2	45.2	0.0	0.0%
76.5%	45.1	45.2	0.1	0.1%
77.8%	45.1	45.1	0.1	0.1%
79.0%	45.1	45.1	0.0	0.0%
80.2%	45.1	45.1	0.0	0.0%
81.5%	45.1	45.1	0.0	0.0%
82.7%	45.1	45.1	0.0	0.0%
84.0%	44.9	44.9	0.0	0.0%
85.2%	44.9	44.9	0.0	0.0%
86.4%	44.9	44.9	0.0	0.0%
87.7%	44.7	44.7	0.0	0.0%
88.9%	44.6	44.6	0.0	0.0%
90.1%	44.6	44.6	0.0	0.0%
91.4%	44.5	44.5	0.0	0.0%
92.6%	44.5	44.5	0.0	0.0%
93.8%	44.5	44.5	0.0	-0.1%
95.1%	44.3	44.5	0.2	0.4%
96.3%	44.3	44.3	0.1	0.2%
97.5%	44.2	44.2	0.0	0.0%
98.8%	44.2	44.2	0.0	0.1%
100.0%	44.0	44.0	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	52.6	52.7	0.1	0.2%
1.2%	52.6	52.6	0.0	0.0%
2.5%	52.3	52.2	0.0	0.0%
3.7%	52.2	52.0	-0.2	-0.4%
4.9%	52.0	51.9	-0.1	-0.3%
6.2%	52.0	51.8	-0.2	-0.5%
7.4%	51.5	51.4	-0.1	-0.2%
8.6%	51.5	51.3	-0.1	-0.3%
9.9%	51.5	51.3	-0.1	-0.2%
11.1%	51.4	51.3	-0.1	-0.2%
12.3%	51.3	51.3	0.0	-0.1%
13.6%	51.3	51.3	-0.1	-0.1%
14.8%	51.3	51.3	0.0	0.0%
16.0%	51.3	51.2	0.0	-0.1%
17.3%	51.2	51.2	0.0	-0.1%
18.5%	51.2	51.2	0.0	0.0%
19.8%	51.2	51.1	-0.1	-0.2%
21.0%	51.2	51.1	-0.1	-0.2%
22.2%	51.0	51.1	0.0	0.1%
23.5%	50.8	51.0	0.3	0.5%
24.7%	50.6	51.0	0.4	0.7%
25.9%	50.6	50.8	0.2	0.4%
27.2%	50.6	50.6	0.0	0.0%
28.4%	50.4	50.6	0.1	0.3%
29.6%	50.4	50.4	0.0	0.1%
30.9%	50.4	50.4	0.0	0.1%
32.1%	50.4	50.3	-0.1	-0.1%
33.3%	50.3	50.3	-0.1	-0.1%
34.6%	50.2	50.2	0.0	0.0%
35.8%	50.0	50.1	0.0	0.1%
37.0%	50.0	50.0	0.0	0.1%
38.3%	50.0	50.0	0.1	0.1%
39.5%	50.0	50.0	0.0	0.0%
40.7%	50.0	50.0	0.0	0.0%
42.0%	49.9	50.0	0.1	0.1%
43.2%	49.9	49.9	0.0	0.0%
44.4%	49.9	49.9	0.0	0.0%
45.7%	49.8	49.8	0.0	0.1%
46.9%	49.7	49.8	0.1	0.2%
48.1%	49.6	49.7	0.1	0.2%
49.4%	49.5	49.7	0.2	0.4%
50.6%	49.5	49.6	0.1	0.3%
51.9%	49.4	49.5	0.1	0.2%
53.1%	49.3	49.4	0.1	0.2%
54.3%	49.3	49.3	0.0	0.0%
55.6%	49.3	49.3	0.1	0.1%
56.8%	49.2	49.3	0.1	0.1%
58.0%	49.1	49.1	0.0	0.0%
59.3%	49.1	49.1	0.0	0.0%
60.5%	49.1	49.1	0.0	0.1%
61.7%	48.9	49.1	0.2	0.3%
63.0%	48.8	49.0	0.2	0.4%
64.2%	48.8	48.8	0.0	0.0%
65.4%	48.8	48.8	0.0	0.1%
66.7%	48.7	48.8	0.1	0.2%
67.9%	48.7	48.7	0.1	0.1%
69.1%	48.6	48.7	0.0	0.1%
70.4%	48.6	48.7	0.1	0.1%
71.6%	48.6	48.6	0.0	0.0%
72.8%	48.6	48.5	-0.1	-0.2%
74.1%	48.5	48.5	-0.1	-0.1%
75.3%	48.5	48.5	0.0	-0.1%
76.5%	48.5	48.4	0.0	-0.1%
77.8%	48.4	48.3	0.0	0.0%
79.0%	48.3	48.2	-0.1	-0.2%
80.2%	48.3	48.1	-0.2	-0.3%
81.5%	48.2	48.1	-0.1	-0.3%
82.7%	48.0	47.9	-0.1	-0.2%
84.0%	47.9	47.8	-0.1	-0.3%
85.2%	47.8	47.8	-0.1	-0.1%
86.4%	47.8	47.7	-0.1	-0.2%
87.7%	47.3	47.3	0.0	0.0%
88.9%	47.3	47.3	0.0	-0.1%
90.1%	47.2	47.2	0.0	0.0%
91.4%	47.2	47.1	0.0	-0.1%
92.6%	47.1	47.1	0.0	0.0%
93.8%	47.0	47.0	0.0	0.0%
95.1%	46.8	46.8	0.0	0.0%
96.3%	45.9	46.0	0.1	0.2%
97.5%	45.9	46.0	0.1	0.2%
98.8%	45.7	45.7	0.0	0.0%
100.0%	44.9	44.9	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	56.0	56.0	0.0	0.0%
1.2%	55.7	55.7	0.0	0.0%
2.5%	55.6	55.6	0.0	0.0%
3.7%	55.2	55.2	0.0	0.0%
4.9%	55.1	55.1	0.0	0.1%
6.2%	54.9	55.1	0.2	0.3%
7.4%	54.9	54.9	0.0	0.1%
8.6%	54.9	54.9	0.0	0.0%
9.9%	54.9	54.7	-0.1	-0.3%
11.1%	54.7	54.7	0.0	0.0%
12.3%	54.7	54.7	0.0	-0.1%
13.6%	54.7	54.5	-0.2	-0.3%
14.8%	54.5	54.5	0.0	-0.1%
16.0%	54.5	54.5	0.0	0.0%
17.3%	54.5	54.5	0.0	0.0%
18.5%	54.5	54.4	-0.1	-0.1%
19.8%	54.4	54.4	0.0	0.0%
21.0%	54.3	54.3	0.0	0.0%
22.2%	54.3	54.3	0.0	0.0%
23.5%	54.2	54.3	0.0	0.0%
24.7%	54.1	54.2	0.1	0.2%
25.9%	54.1	54.1	0.0	0.0%
27.2%	54.0	54.0	0.0	0.0%
28.4%	53.9	53.9	0.0	0.0%
29.6%	53.7	53.6	-0.1	-0.3%
30.9%	53.7	53.6	-0.1	-0.2%
32.1%	53.6	53.5	-0.1	-0.1%
33.3%	53.5	53.5	0.0	0.0%
34.6%	53.5	53.5	0.0	0.0%
35.8%	53.4	53.5	0.0	0.1%
37.0%	53.4	53.4	0.0	0.0%
38.3%	53.4	53.4	0.0	0.0%
39.5%	53.4	53.3	-0.1	-0.1%
40.7%	53.3	53.3	0.0	0.0%
42.0%	53.3	53.2	0.0	-0.1%
43.2%	53.3	53.2	-0.1	-0.2%
44.4%	53.2	53.2	0.0	0.0%
45.7%	53.2	53.2	0.0	0.0%
46.9%	53.1	53.1	0.0	0.0%
48.1%	53.1	53.1	-0.1	-0.1%
49.4%	52.8	52.9	0.2	0.3%
50.6%	52.8	52.9	0.2	0.3%
51.9%	52.7	52.9	0.2	0.3%
53.1%	52.7	52.8	0.1	0.2%
54.3%	52.7	52.6	0.0	-0.1%
55.6%	52.5	52.6	0.1	0.2%
56.8%	52.5	52.5	0.0	0.1%
58.0%	52.5	52.5	0.0	0.0%
59.3%	52.4	52.5	0.0	0.0%
60.5%	52.3	52.4	0.1	0.2%
61.7%	52.3	52.4	0.1	0.2%
63.0%	52.2	52.3	0.1	0.1%
64.2%	52.1	52.3	0.2	0.4%
65.4%	52.0	52.3	0.2	0.4%
66.7%	51.9	52.3	0.3	0.6%
67.9%	51.9	52.1	0.1	0.3%
69.1%	51.9	52.0	0.1	0.1%
70.4%	51.8	51.9	0.2	0.3%
71.6%	51.8	51.8	0.0	0.0%
72.8%	51.7	51.7	-0.1	-0.1%
74.1%	51.6	51.6	0.0	0.0%
75.3%	51.5	51.6	0.2	0.4%
76.5%	51.3	51.6	0.3	0.5%
77.8%	51.3	51.3	0.0	0.0%
79.0%	51.2	51.3	0.2	0.3%
80.2%	51.1	51.2	0.0	0.0%
81.5%	50.7	51.0	0.3	0.6%
82.7%	50.7	50.7	0.1	0.1%
84.0%	50.4	50.6	0.2	0.4%
85.2%	50.4	50.5	0.1	0.2%
86.4%	50.3	50.4	0.2	0.3%
87.7%	50.2	50.3	0.0	0.1%
88.9%	50.2	50.1	-0.1	-0.2%
90.1%	50.0	50.1	0.1	0.2%
91.4%	49.9	49.9	0.0	0.0%
92.6%	49.6	49.7	0.2	0.4%
93.8%	49.5	49.6	0.1	0.2%
95.1%	49.0	49.1	0.0	0.0%
96.3%	48.9	48.9	0.1	0.1%
97.5%	47.6	47.6	0.1	0.2%
98.8%	47.5	47.5	0.0	0.0%
100.0%	47.3	47.4	0.1	0.2%

Table SQ-37-9b

Clear Creek at Igo, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.8	59.7	-0.1	-0.2%
1.2%	59.8	59.7	-0.1	-0.2%
2.5%	59.7	59.7	0.0	0.0%
3.7%	59.7	59.6	-0.1	-0.2%
4.9%	59.6	59.3	-0.3	-0.5%
6.2%	59.2	59.2	0.0	0.0%
7.4%	59.1	59.2	0.0	0.1%
8.6%	59.0	59.0	0.0	0.0%
9.9%	58.9	58.5	-0.4	-0.7%
11.1%	58.7	58.5	-0.2	-0.4%
12.3%	58.5	58.1	-0.4	-0.6%
13.6%	58.4	58.1	-0.4	-0.6%
14.8%	58.2	57.7	-0.5	-0.9%
16.0%	58.1	57.7	-0.4	-0.7%
17.3%	57.7	57.6	0.0	-0.1%
18.5%	57.7	57.6	-0.1	-0.1%
19.8%	57.7	57.5	-0.2	-0.3%
21.0%	57.5	57.5	0.0	0.0%
22.2%	57.4	57.4	0.0	0.1%
23.5%	57.0	57.2	0.2	0.4%
24.7%	56.9	57.0	0.1	0.2%
25.9%	56.9	56.9	0.0	0.1%
27.2%	56.8	56.8	0.0	0.0%
28.4%	56.6	56.6	0.0	0.0%
29.6%	56.6	56.6	0.0	0.0%
30.9%	56.6	56.6	0.0	0.0%
32.1%	56.1	56.2	0.0	0.1%
33.3%	56.1	55.9	-0.2	-0.3%
34.6%	55.9	55.9	0.0	0.0%
35.8%	55.7	55.7	-0.1	-0.1%
37.0%	55.7	55.6	0.0	-0.1%
38.3%	55.6	55.6	-0.1	-0.1%
39.5%	55.6	55.5	-0.1	-0.2%
40.7%	55.6	55.5	-0.1	-0.2%
42.0%	55.5	55.4	0.0	-0.1%
43.2%	55.4	55.4	0.0	-0.1%
44.4%	55.4	55.4	0.0	0.0%
45.7%	55.3	55.3	0.0	0.0%
46.9%	55.2	55.2	0.0	0.1%
48.1%	55.2	55.1	0.0	-0.1%
49.4%	55.1	55.1	-0.1	-0.1%
50.6%	55.1	55.1	-0.1	-0.1%
51.9%	55.1	54.9	-0.2	-0.3%
53.1%	54.9	54.9	0.0	-0.1%
54.3%	54.8	54.8	0.0	0.0%
55.6%	54.8	54.7	-0.1	-0.2%
56.8%	54.8	54.6	-0.1	-0.3%
58.0%	54.7	54.5	-0.2	-0.3%
59.3%	54.6	54.4	-0.2	-0.3%
60.5%	54.6	54.2	-0.3	-0.6%
61.7%	54.2	54.2	0.0	0.0%
63.0%	54.2	54.1	-0.1	-0.1%
64.2%	54.2	54.1	0.0	-0.1%
65.4%	54.2	54.1	-0.1	-0.2%
66.7%	54.0	54.1	0.0	0.1%
67.9%	54.0	54.0	0.0	0.0%
69.1%	53.9	53.8	0.0	-0.1%
70.4%	53.8	53.8	0.0	0.0%
71.6%	53.8	53.7	-0.1	-0.2%
72.8%	53.6	53.6	0.0	0.0%
74.1%	53.4	53.5	0.0	0.1%
75.3%	53.4	53.3	0.0	-0.1%
76.5%	53.3	53.3	0.1	0.1%
77.8%	53.3	53.3	0.0	0.0%
79.0%	53.1	53.2	0.1	0.1%
80.2%	53.0	52.9	-0.1	-0.2%
81.5%	52.8	52.6	-0.2	-0.4%
82.7%	52.8	52.5	-0.3	-0.5%
84.0%	52.6	52.5	-0.1	-0.2%
85.2%	52.4	52.4	0.0	0.0%
86.4%	52.4	52.4	0.0	0.0%
87.7%	52.2	52.2	0.0	0.0%
88.9%	52.1	52.1	0.0	0.1%
90.1%	52.0	52.0	0.0	0.0%
91.4%	51.7	52.0	0.2	0.4%
92.6%	51.6	51.7	0.1	0.1%
93.8%	51.4	51.4	0.0	0.1%
95.1%	51.0	51.1	0.0	0.1%
96.3%	51.0	51.0	0.0	0.1%
97.5%	51.0	51.0	0.0	0.1%
98.8%	49.2	49.2	0.0	0.0%
100.0%	48.8	48.8	0.0	0.0%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.8	73.2	-0.6	-0.8%
1.2%	64.9	64.6	-0.3	-0.4%
2.5%	64.2	64.3	0.0	0.1%
3.7%	63.7	63.7	0.0	0.0%
4.9%	63.0	62.3	-0.7	-1.1%
6.2%	61.9	61.5	-0.4	-0.7%
7.4%	61.9	61.1	-0.9	-1.4%
8.6%	61.6	61.0	-0.6	-1.0%
9.9%	61.3	60.9	-0.4	-0.6%
11.1%	61.3	60.5	-0.8	-1.3%
12.3%	61.0	60.3	-0.7	-1.1%
13.6%	60.3	60.2	-0.1	-0.1%
14.8%	60.3	59.8	-0.4	-0.7%
16.0%	60.2	59.8	-0.4	-0.6%
17.3%	59.8	59.5	-0.2	-0.4%
18.5%	59.7	59.5	-0.2	-0.4%
19.8%	59.6	59.4	-0.2	-0.3%
21.0%	59.6	59.4	-0.2	-0.3%
22.2%	59.5	59.3	-0.1	-0.2%
23.5%	59.4	59.2	-0.2	-0.3%
24.7%	59.4	59.1	-0.2	-0.4%
25.9%	59.2	59.1	-0.1	-0.2%
27.2%	59.2	59.1	-0.1	-0.1%
28.4%	59.1	59.1	-0.1	-0.1%
29.6%	59.1	59.1	0.0	-0.1%
30.9%	59.1	58.9	-0.2	-0.3%
32.1%	59.0	58.8	-0.2	-0.3%
33.3%	59.0	58.8	-0.1	-0.2%
34.6%	58.8	58.8	0.0	0.0%
35.8%	58.7	58.7	0.0	-0.1%
37.0%	58.7	58.6	-0.2	-0.3%
38.3%	58.6	58.5	-0.1	-0.1%
39.5%	58.5	58.5	0.0	0.0%
40.7%	58.4	58.5	0.1	0.1%
42.0%	58.4	58.4	0.0	-0.1%
43.2%	58.4	58.4	-0.1	-0.1%
44.4%	58.4	58.4	0.0	-0.1%
45.7%	58.3	58.3	-0.1	-0.1%
46.9%	58.2	58.3	0.1	0.1%
48.1%	58.2	58.2	0.1	0.1%
49.4%	58.1	58.1	0.0	0.0%
50.6%	58.1	58.1	0.0	0.0%
51.9%	58.0	58.0	0.0	0.0%
53.1%	57.9	57.9	0.0	0.0%
54.3%	57.8	57.7	-0.1	-0.1%
55.6%	57.7	57.7	-0.1	-0.1%
56.8%	57.4	57.4	0.0	0.0%
58.0%	57.4	57.4	0.0	0.0%
59.3%	57.2	57.3	0.0	0.0%
60.5%	57.2	57.2	0.0	0.0%
61.7%	57.2	57.2	0.0	0.0%
63.0%	57.2	56.8	-0.3	-0.6%
64.2%	57.0	56.8	-0.2	-0.3%
65.4%	56.9	56.8	-0.1	-0.1%
66.7%	56.8	56.8	-0.1	-0.1%
67.9%	56.8	56.8	0.0	-0.1%
69.1%	56.8	56.7	-0.1	-0.2%
70.4%	56.7	56.7	-0.1	-0.1%
71.6%	56.7	56.6	-0.1	-0.2%
72.8%	56.7	56.6	-0.2	-0.3%
74.1%	56.7	56.5	-0.2	-0.3%
75.3%	56.6	56.5	-0.1	-0.2%
76.5%	56.6	56.5	-0.1	-0.2%
77.8%	56.5	56.5	0.0	-0.1%
79.0%	56.4	56.4	0.0	0.1%
80.2%	56.3	56.4	0.1	0.1%
81.5%	56.3	56.3	0.0	0.1%
82.7%	56.1	56.1	0.0	-0.1%
84.0%	56.1	56.0	-0.1	-0.2%
85.2%	56.1	56.0	-0.2	-0.3%
86.4%	56.0	55.9	-0.1	-0.2%
87.7%	55.6	55.9	0.3	0.5%
88.9%	55.6	55.3	-0.3	-0.5%
90.1%	55.4	55.2	-0.2	-0.4%
91.4%	55.1	55.2	0.0	0.1%
92.6%	55.1	55.0	-0.1	-0.2%
93.8%	54.9	54.9	0.0	-0.1%
95.1%	54.9	54.6	-0.3	-0.5%
96.3%	54.4	54.3	-0.1	-0.2%
97.5%	53.9	53.9	0.0	0.0%
98.8%	53.7	53.1	-0.6	-1.1%
100.0%	52.5	52.6	0.1	0.2%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.0	63.6	-1.4	-2.2%
1.2%	62.4	61.4	-1.0	-1.6%
2.5%	62.1	61.1	-1.0	-1.6%
3.7%	62.0	60.6	-1.4	-2.3%
4.9%	61.0	60.5	-0.5	-0.8%
6.2%	60.8	60.1	-0.6	-1.0%
7.4%	60.6	59.6	-1.0	-1.7%
8.6%	59.5	59.5	0.0	0.0%
9.9%	59.4	59.3	-0.1	-0.2%
11.1%	59.4	59.3	-0.1	-0.2%
12.3%	59.2	59.2	0.0	-0.1%
13.6%	59.1	59.1	-0.1	-0.1%
14.8%	59.0	59.0	0.0	0.0%
16.0%	58.9	58.9	0.0	0.0%
17.3%	58.9	58.9	0.0	0.0%
18.5%	58.8	58.9	0.0	0.1%
19.8%	58.8	58.7	-0.1	-0.2%
21.0%	58.4	58.4	0.0	-0.1%
22.2%	58.4	58.2	-0.2	-0.4%
23.5%	58.3	58.1	-0.2	-0.4%
24.7%	58.2	58.1	-0.1	-0.1%
25.9%	58.0	58.1	0.1	0.1%
27.2%	58.0	58.0	0.0	0.0%
28.4%	57.9	57.9	0.0	-0.1%
29.6%	57.9	57.9	0.0	0.1%
30.9%	57.9	57.8	-0.1	-0.2%
32.1%	57.7	57.7	0.0	0.0%
33.3%	57.5	57.6	0.1	0.1%
34.6%	57.4	57.6	0.2	0.3%
35.8%	57.4	57.6	0.2	0.3%
37.0%	57.4	57.5	0.1	0.2%
38.3%	57.2	57.4	0.2	0.4%
39.5%	57.2	57.4	0.2	0.4%
40.7%	57.1	57.2	0.1	0.1%
42.0%	57.1	57.1	0.0	0.0%
43.2%	57.1	56.7	-0.3	-0.6%
44.4%	57.1	56.7	-0.4	-0.6%
45.7%	57.0	56.6	-0.4	-0.7%
46.9%	56.7	56.6	-0.1	-0.2%
48.1%	56.6	56.5	-0.1	-0.2%
49.4%	56.6	56.3	-0.3	-0.5%
50.6%	56.6	56.3	-0.3	-0.5%
51.9%	56.5	56.3	-0.2	-0.4%
53.1%	56.4	56.2	-0.2	-0.3%
54.3%	56.4	56.2	-0.2	-0.3%
55.6%	56.4	56.2	-0.2	-0.3%
56.8%	56.3	56.2	-0.1	-0.2%
58.0%	56.3	56.1	-0.1	-0.2%
59.3%	56.2	56.1	-0.1	-0.1%
60.5%	56.2	56.1	-0.1	-0.1%
61.7%	56.2	56.1	-0.1	-0.2%
63.0%	56.1	56.0	0.0	-0.1%
64.2%	56.1	56.0	-0.1	-0.1%
65.4%	56.0	56.0	-0.1	-0.1%
66.7%	56.0	56.0	-0.1	-0.1%
67.9%	56.0	55.9	-0.1	-0.2%
69.1%	56.0	55.9	-0.1	-0.2%
70.4%	55.9	55.8	-0.2	-0.3%
71.6%	55.9	55.6	-0.3	-0.6%
72.8%	55.7	55.5	-0.2	-0.3%
74.1%	55.7	55.4	-0.2	-0.4%
75.3%	55.6	55.4	-0.2	-0.3%
76.5%	55.5	55.4	-0.2	-0.3%
77.8%	55.2	55.3	0.1	0.1%
79.0%	55.1	55.2	0.1	0.2%
80.2%	55.0	55.2	0.2	0.4%
81.5%	54.9	55.1	0.2	0.3%
82.7%	54.9	55.1	0.1	0.3%
84.0%	54.9	55.0	0.1	0.2%
85.2%	54.9	55.0	0.1	0.2%
86.4%	54.8	55.0	0.2	0.4%
87.7%	54.7	54.9	0.2	0.3%
88.9%	54.7	54.9	0.2	0.3%
90.1%	54.6	54.7	0.1	0.2%
91.4%	54.6	54.7	0.1	0.1%
92.6%	54.5	54.5	0.0	0.0%
93.8%	54.5	54.4	-0.1	-0.1%
95.1%	54.5	54.3	-0.2	-0.3%
96.3%	54.3	54.2	-0.1	-0.2%
97.5%	54.3	54.1	-0.2	-0.4%
98.8%	53.5	53.8	0.3	0.5%
100.0%	53.3	53.6	0.3	0.6%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	64.2	61.1	-3.1	-4.8%
1.2%	61.7	61.1	-0.7	-1.1%
2.5%	60.0	59.9	-0.1	-0.2%
3.7%	59.6	59.7	0.1	0.2%
4.9%	59.1	58.5	-0.6	-1.1%
6.2%	58.6	58.2	-0.4	-0.7%
7.4%	58.3	57.7	-0.5	-0.9%
8.6%	58.1	57.7	-0.5	-0.8%
9.9%	57.9	57.0	-1.0	-1.7%
11.1%	57.7	56.7	-1.0	-1.7%
12.3%	57.7	56.6	-1.1	-1.8%
13.6%	56.7	56.2	-0.5	-0.8%
14.8%	56.5	56.0	-0.4	-0.8%
16.0%	56.1	56.0	-0.2	-0.3%
17.3%	55.8	55.7	-0.1	-0.2%
18.5%	55.5	55.7	0.2	0.3%
19.8%	55.3	55.5	0.3	0.5%
21.0%	54.9	55.0	0.2	0.3%
22.2%	54.8	54.9	0.2	0.3%
23.5%	54.8	54.9	0.1	0.2%
24.7%	54.7	54.7	0.0	0.0%
25.9%	54.6	54.7	0.1	0.1%
27.2%	54.6	54.1	-0.5	-0.9%
28.4%	54.4	53.9	-0.5	-1.0%
29.6%	54.3	53.9	-0.4	-0.8%
30.9%	54.0	53.8	-0.3	-0.5%
32.1%	53.9	53.7	-0.3	-0.5%
33.3%	53.9	53.6	-0.3	-0.5%
34.6%	53.6	53.6	0.0	-0.1%
35.8%	53.6	53.5	-0.1	-0.2%
37.0%	53.6	53.5	-0.1	-0.1%
38.3%	53.5	53.4	-0.2	-0.3%
39.5%	53.5	53.3	-0.2	-0.3%
40.7%	53.3	53.3	0.0	0.0%
42.0%	53.3	53.3	0.0	0.0%
43.2%	53.3	53.3	0.0	0.0%
44.4%	53.2	53.2	0.0	0.0%
45.7%	53.2	53.2	0.0	0.0%
46.9%	53.2	53.2	0.0	-0.1%
48.1%	53.0	53.1	0.1	0.1%
49.4%	53.0	53.1	0.1	0.1%
50.6%	53.0	53.0	0.1	0.1%
51.9%	52.8	53.0	0.2	0.3%
53.1%	52.8	53.0	0.2	0.3%
54.3%	52.8	52.9	0.1	0.3%
55.6%	52.7	52.9	0.2	0.3%
56.8%	52.7	52.9	0.2	0.3%
58.0%	52.7	52.8	0.1	0.2%
59.3%	52.7	52.8	0.1	0.2%
60.5%	52.7	52.7	0.1	0.1%
61.7%	52.6	52.7	0.1	0.1%
63.0%	52.6	52.7	0.1	0.2%
64.2%	52.5	52.7	0.2	0.3%
65.4%	52.5	52.6	0.1	0.3%
66.7%	52.5	52.5	0.0	0.1%
67.9%	52.4	52.5	0.1	0.2%
69.1%	52.4	52.4	0.0	0.0%
70.4%	52.3	52.4	0.1	0.2%
71.6%	52.3	52.3	0.1	0.1%
72.8%	52.2	52.2	0.0	-0.1%
74.1%	52.2	52.2	0.0	0.0%
75.3%	52.2	52.2	0.0	0.1%
76.5%	52.1	52.0	-0.1	-0.2%
77.8%	52.1	52.0	-0.1	-0.2%
79.0%	52.0	52.0	0.0	0.0%
80.2%	52.0	52.0	0.0	0.0%
81.5%	52.0	52.0	0.0	0.0%
82.7%	51.9	52.0	0.0	0.1%
84.0%	51.9	51.9	0.0	0.1%
85.2%	51.9	51.9	0.1	0.1%
86.4%	51.9	51.7	-0.2	-0.4%
87.7%	51.7	51.7	0.0	0.0%
88.9%	51.6	51.6	0.0	0.1%
90.1%	51.6	51.4	-0.2	-0.3%
91.4%	51.6	51.4	-0.2	-0.3%
92.6%	51.4	51.4	0.0	-0.1%
93.8%	51.4	51.1	-0.3	-0.5%
95.1%	51.1	51.1	0.0	0.0%
96.3%	50.9	51.0	0.1	0.3%
97.5%	50.9	50.9	0.1	0.1%
98.8%	50.7	50.9	0.2	0.3%
100.0%	50.6	50.6	0.0	0.0%

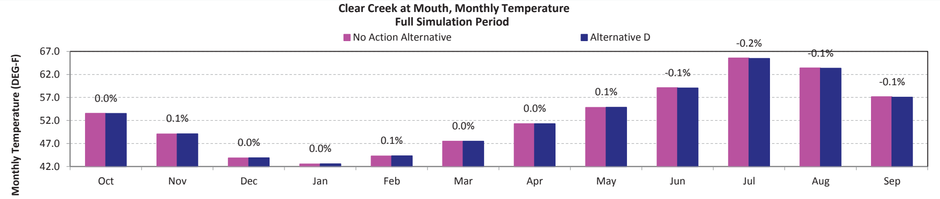
Table SQ-38-9a
Clear Creek at Mouth, Monthly Temperature
Long-term Average and Average by Water Year Type

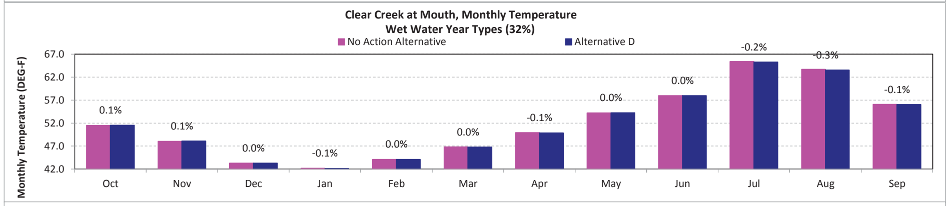
	Monthly Temperature (DEG-F)											
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period[1]												
No Action Alternative	53.5	49.1	43.9	42.6	44.3	47.5	51.3	54.8	59.1	65.6	63.4	57.1
Alternative D	53.5	49.1	43.9	42.6	44.3	47.5	51.3	54.9	59.0	65.4	63.3	57.1
Difference	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1
Percent Difference[3]	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	-0.1%	-0.2%	-0.1%	-0.1%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	51.5	48.0	43.3	42.2	44.1	46.8	49.9	54.2	58.0	65.4	63.7	56.1
Alternative D	51.5	48.1	43.3	42.1	44.1	46.8	49.9	54.2	58.0	65.3	63.5	56.0
Difference	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.1
Percent Difference	0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.2%	-0.3%	-0.1%
Above Normal (15%)												
No Action Alternative	52.7	48.6	44.0	42.9	44.3	47.3	50.8	55.4	60.3	67.9	64.0	56.7
Alternative D	52.5	48.6	44.0	42.9	44.3	47.3	51.0	55.4	60.2	67.7	63.6	56.5
Difference	-0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-0.1	-0.2	-0.4	-0.2
Percent Difference	-0.5%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.4%	0.1%	-0.1%	-0.3%	-0.7%	-0.4%
Below Normal (17%)												
No Action Alternative	54.0	49.3	43.9	42.5	43.8	47.3	51.4	55.4	58.6	65.6	63.5	57.2
Alternative D	54.0	49.5	43.9	42.5	43.8	47.3	51.5	55.4	58.6	65.5	63.5	57.3
Difference	0.0	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	0.0	0.1
Percent Difference	0.0%	0.4%	0.1%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	-0.2%	0.0%	0.2%
Dry (22%)												
No Action Alternative	53.5	49.7	44.2	42.6	44.2	47.9	52.6	54.8	59.1	64.9	62.4	56.8
Alternative D	53.6	49.8	44.2	42.7	44.3	47.9	52.4	54.8	58.9	64.7	62.5	56.9
Difference	0.1	0.1	0.0	0.1	0.1	-0.1	-0.2	0.0	-0.2	-0.2	0.1	0.1
Percent Difference	0.2%	0.2%	0.1%	0.1%	0.2%	-0.1%	-0.3%	0.1%	-0.3%	-0.2%	0.1%	0.2%
Critical (15%)												
No Action Alternative	58.2	50.5	44.6	43.1	45.4	48.9	52.7	55.0	61.0	64.5	63.4	60.3
Alternative D	58.0	50.4	44.5	43.1	45.4	48.9	52.8	55.1	60.9	64.5	63.8	59.8
Difference	-0.2	-0.1	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	0.0	0.4	-0.5
Percent Difference	-0.3%	-0.3%	-0.1%	0.1%	0.1%	0.0%	0.2%	0.1%	-0.2%	0.0%	0.6%	-0.8%

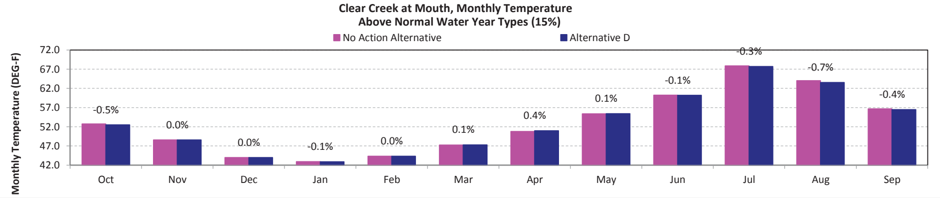
1 Based on the 82-year simulation period

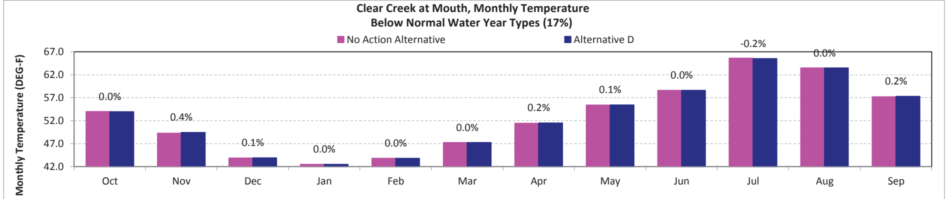
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

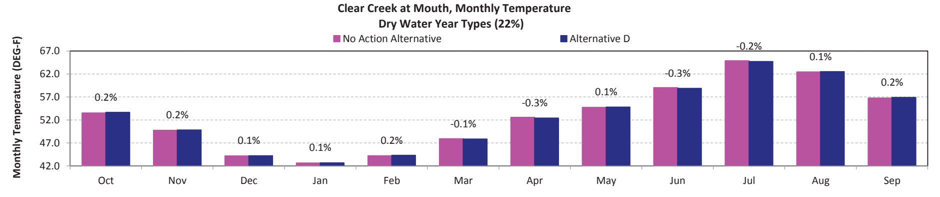
3 Relative difference of the monthly average


Clear Creek at Mouth, Monthly Temperature
Full Simulation Period


Clear Creek at Mouth, Monthly Temperature
Wet Water Year Types (32%)


Clear Creek at Mouth, Monthly Temperature
Above Normal Water Year Types (15%)


Clear Creek at Mouth, Monthly Temperature
Below Normal Water Year Types (17%)


Clear Creek at Mouth, Monthly Temperature
Dry Water Year Types (22%)

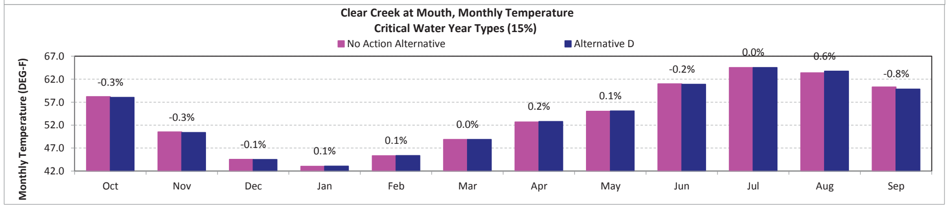

Clear Creek at Mouth, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-38-9b
Clear Creek at Mouth, Monthly Temperature
Probability of Exceedance

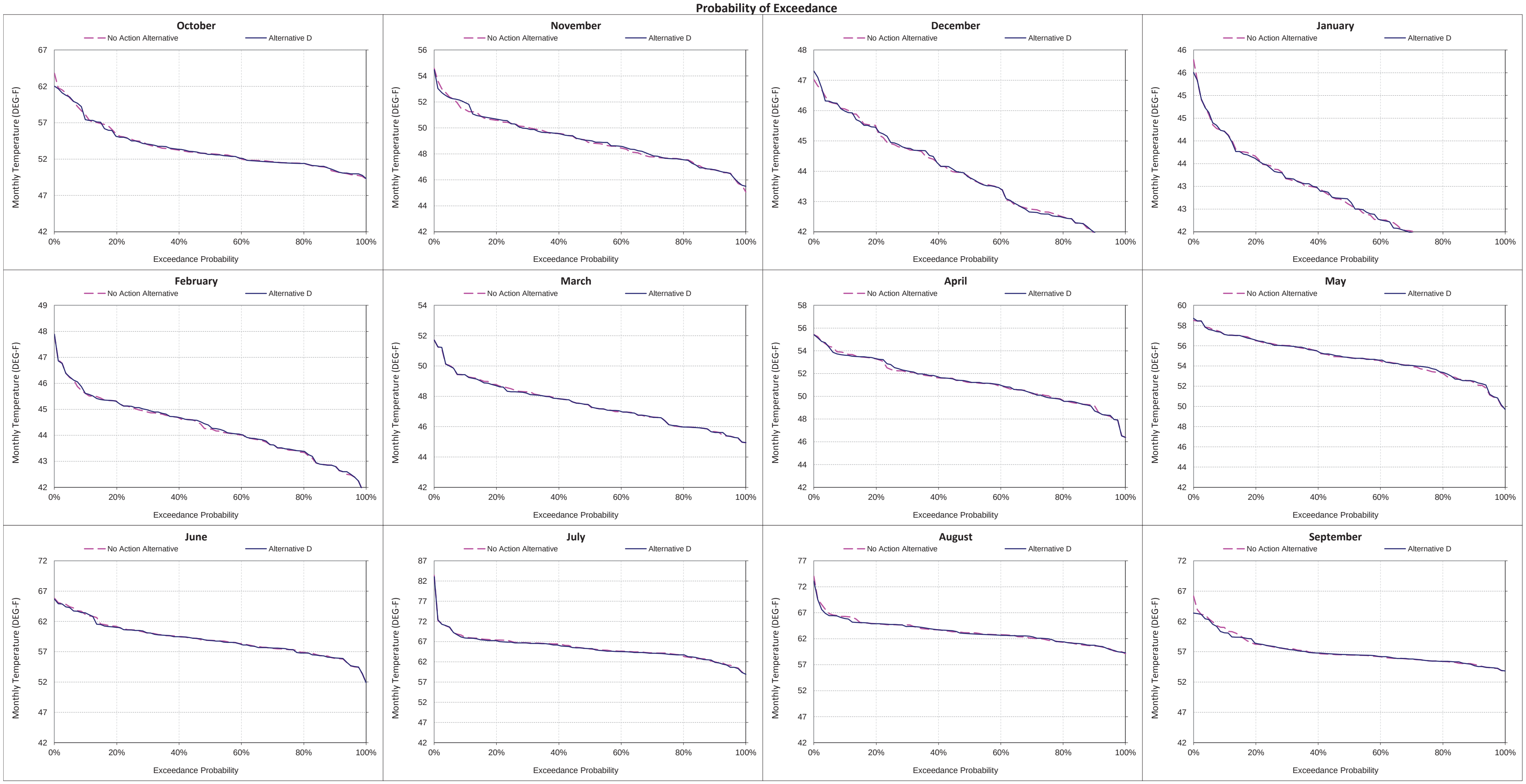


Table SQ-38-9b

Clear Creek at Mouth, Monthly Temperature

Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	63.8	62.0	-1.8	-2.8%
1.2%	61.8	61.7	-0.1	-0.2%
2.5%	61.5	61.1	-0.4	-0.7%
3.7%	61.1	60.8	-0.3	-0.5%
4.9%	60.4	60.5	0.1	0.2%
6.2%	59.9	59.9	0.0	0.0%
7.4%	59.2	59.7	0.5	0.8%
8.6%	58.7	59.2	0.6	0.9%
9.9%	58.1	57.4	-0.7	-1.2%
11.1%	57.4	57.3	-0.1	-0.1%
12.3%	57.1	57.3	0.3	0.4%
13.6%	57.0	57.1	0.1	0.2%
14.8%	56.9	57.1	0.2	0.4%
16.0%	56.8	56.2	-0.6	-1.0%
17.3%	56.6	56.0	-0.6	-1.0%
18.5%	56.1	55.9	-0.1	-0.2%
19.8%	55.5	55.2	-0.3	-0.6%
21.0%	55.1	55.0	-0.1	-0.2%
22.2%	55.0	55.0	0.0	-0.1%
23.5%	54.9	54.9	0.0	-0.1%
24.7%	54.7	54.5	-0.2	-0.4%
25.9%	54.5	54.5	0.0	-0.1%
27.2%	54.5	54.4	-0.1	-0.2%
28.4%	54.4	54.1	-0.2	-0.4%
29.6%	54.0	54.1	0.0	0.1%
30.9%	53.9	54.0	0.2	0.3%
32.1%	53.8	53.9	0.2	0.3%
33.3%	53.7	53.8	0.1	0.2%
34.6%	53.5	53.8	0.3	0.5%
35.8%	53.5	53.7	0.2	0.5%
37.0%	53.4	53.5	0.1	0.2%
38.3%	53.3	53.4	0.1	0.2%
39.5%	53.3	53.4	0.1	0.2%
40.7%	53.2	53.3	0.2	0.3%
42.0%	53.1	53.2	0.1	0.3%
43.2%	53.0	53.1	0.1	0.1%
44.4%	53.0	53.0	0.1	0.2%
45.7%	52.9	53.0	0.1	0.1%
46.9%	52.8	52.8	0.0	0.1%
48.1%	52.8	52.8	0.0	0.0%
49.4%	52.8	52.7	-0.1	-0.2%
50.6%	52.7	52.6	-0.1	-0.1%
51.9%	52.7	52.6	-0.1	-0.2%
53.1%	52.6	52.6	0.0	-0.1%
54.3%	52.6	52.5	-0.1	-0.2%
55.6%	52.6	52.5	-0.1	-0.2%
56.8%	52.4	52.4	0.0	-0.1%
58.0%	52.3	52.4	0.0	0.1%
59.3%	52.2	52.2	0.0	0.0%
60.5%	51.9	52.1	0.1	0.2%
61.7%	51.9	51.8	-0.1	-0.1%
63.0%	51.8	51.8	0.0	-0.1%
64.2%	51.8	51.8	-0.1	-0.1%
65.4%	51.8	51.7	-0.1	-0.2%
66.7%	51.7	51.7	-0.1	-0.1%
67.9%	51.7	51.6	-0.1	-0.2%
69.1%	51.7	51.6	0.0	-0.1%
70.4%	51.6	51.6	-0.1	-0.1%
71.6%	51.6	51.5	-0.1	-0.1%
72.8%	51.5	51.5	0.0	0.0%
74.1%	51.5	51.5	0.0	0.0%
75.3%	51.5	51.5	0.0	0.0%
76.5%	51.5	51.4	0.0	0.0%
77.8%	51.5	51.4	0.0	0.0%
79.0%	51.4	51.4	0.0	0.0%
80.2%	51.4	51.4	0.0	0.0%
81.5%	51.2	51.2	0.0	0.0%
82.7%	51.1	51.1	0.0	0.1%
84.0%	51.1	51.1	0.0	0.0%
85.2%	51.0	51.0	0.0	0.1%
86.4%	50.9	51.0	0.1	0.2%
87.7%	50.9	50.8	-0.1	-0.1%
88.9%	50.4	50.6	0.2	0.4%
90.1%	50.3	50.4	0.1	0.2%
91.4%	50.2	50.2	0.0	0.0%
92.6%	50.1	50.1	0.0	0.0%
93.8%	50.0	50.1	0.1	0.1%
95.1%	49.9	50.0	0.1	0.2%
96.3%	49.8	50.0	0.2	0.3%
97.5%	49.7	50.0	0.2	0.5%
98.8%	49.6	49.7	0.1	0.3%
100.0%	49.3	49.3	0.0	0.1%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.6	54.5	-0.1	-0.2%
1.2%	53.6	53.0	-0.6	-1.0%
2.5%	53.0	52.7	-0.3	-0.6%
3.7%	52.7	52.5	-0.2	-0.4%
4.9%	52.4	52.3	-0.1	-0.1%
6.2%	52.2	52.2	0.0	0.0%
7.4%	51.9	52.2	0.3	0.5%
8.6%	51.5	52.1	0.6	1.2%
9.9%	51.4	52.0	0.5	1.0%
11.1%	51.3	51.8	0.6	1.1%
12.3%	51.2	51.1	-0.2	-0.3%
13.6%	51.2	51.0	-0.3	-0.5%
14.8%	50.9	50.9	-0.1	-0.1%
16.0%	50.8	50.8	0.1	0.2%
17.3%	50.7	50.8	0.1	0.2%
18.5%	50.6	50.7	0.1	0.2%
19.8%	50.6	50.7	0.1	0.2%
21.0%	50.6	50.6	0.1	0.1%
22.2%	50.4	50.6	0.1	0.3%
23.5%	50.4	50.6	0.1	0.3%
24.7%	50.3	50.3	0.0	-0.1%
25.9%	50.3	50.3	0.0	-0.1%
27.2%	50.1	50.1	-0.1	-0.1%
28.4%	50.1	50.0	-0.1	-0.2%
29.6%	50.1	50.0	-0.1	-0.3%
30.9%	50.0	49.9	-0.1	-0.2%
32.1%	49.9	49.9	0.0	-0.1%
33.3%	49.9	49.7	-0.1	-0.3%
34.6%	49.8	49.7	-0.2	-0.3%
35.8%	49.7	49.7	-0.1	-0.1%
37.0%	49.6	49.6	0.1	0.1%
38.3%	49.6	49.6	0.0	0.0%
39.5%	49.6	49.6	0.0	0.0%
40.7%	49.6	49.5	0.0	-0.1%
42.0%	49.5	49.4	0.0	-0.1%
43.2%	49.4	49.4	0.0	0.0%
44.4%	49.4	49.4	0.0	0.1%
45.7%	49.2	49.2	0.0	0.1%
46.9%	49.1	49.1	0.0	0.0%
48.1%	49.1	49.1	0.0	-0.1%
49.4%	48.9	49.0	0.2	0.3%
50.6%	48.8	49.0	0.2	0.3%
51.9%	48.8	48.9	0.1	0.2%
53.1%	48.8	48.9	0.1	0.2%
54.3%	48.7	48.9	0.1	0.3%
55.6%	48.6	48.9	0.2	0.5%
56.8%	48.6	48.6	0.0	0.1%
58.0%	48.6	48.6	0.0	0.0%
59.3%	48.5	48.6	0.1	0.2%
60.5%	48.4	48.6	0.1	0.3%
61.7%	48.4	48.5	0.1	0.2%
63.0%	48.1	48.4	0.2	0.5%
64.2%	48.1	48.3	0.2	0.5%
65.4%	48.1	48.2	0.2	0.3%
66.7%	47.9	48.2	0.3	0.6%
67.9%	47.9	48.1	0.2	0.5%
69.1%	47.8	48.0	0.2	0.4%
70.4%	47.8	47.9	0.1	0.2%
71.6%	47.7	47.8	0.1	0.2%
72.8%	47.7	47.7	0.1	0.1%
74.1%	47.7	47.7	0.0	-0.1%
75.3%	47.7	47.6	0.0	0.0%
76.5%	47.6	47.6	0.0	-0.1%
77.8%	47.6	47.6	0.0	0.0%
79.0%	47.6	47.6	0.0	0.0%
80.2%	47.5	47.5	0.0	0.0%
81.5%	47.5	47.5	0.0	-0.1%
82.7%	47.4	47.3	-0.1	-0.2%
84.0%	47.1	47.1	0.0	0.0%
85.2%	47.1	46.9	-0.2	-0.3%
86.4%	46.9	46.9	0.0	0.0%
87.7%	46.8	46.8	0.0	0.1%
88.9%	46.8	46.8	0.0	0.1%
90.1%	46.8	46.8	0.0	0.0%
91.4%	46.7	46.7	0.0	0.0%
92.6%	46.6	46.6	0.0	0.1%
93.8%	46.6	46.6	0.0	0.0%
95.1%	46.5	46.5	0.0	0.0%
96.3%	46.1	46.1	0.0	0.0%
97.5%	45.7	45.8	0.1	0.2%
98.8%	45.6	45.6	0.0	0.0%
100.0%	45.1	45.5	0.4	1.0%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.0	47.3	0.3	0.6%
1.2%	46.8	47.1	0.3	0.6%
2.5%	46.7	46.7	0.0	0.1%
3.7%	46.5	46.3	-0.1	-0.3%
4.9%	46.3	46.3	0.0	0.1%
6.2%	46.3	46.3	0.0	0.0%
7.4%	46.2	46.2	0.0	0.0%
8.6%	46.1	46.1	0.0	0.0%
9.9%	46.1	46.0	-0.1	-0.2%
11.1%	46.0	45.9	-0.1	-0.1%
12.3%	45.9	45.9	0.0	0.1%
13.6%	45.9	45.7	-0.2	-0.4%
14.8%	45.7	45.6	-0.1	-0.2%
16.0%	45.6	45.5	0.0	-0.1%
17.3%	45.5	45.5	0.0	-0.1%
18.5%	45.5	45.5	-0.1	-0.1%
19.8%	45.5	45.5	-0.1	-0.1%
21.0%	45.2	45.3	0.1	0.2%
22.2%	45.1	45.2	0.1	0.3%
23.5%	45.0	45.2	0.2	0.4%
24.7%	44.9	44.9	0.0	0.1%
25.9%	44.9	44.9	0.1	0.1%
27.2%	44.8	44.9	0.1	0.2%
28.4%	44.8	44.8	0.0	0.0%
29.6%	44.8	44.8	0.0	0.0%
30.9%	44.7	44.8	0.1	0.1%
32.1%	44.7	44.7	0.0	0.0%
33.3%	44.7	44.7	0.0	0.0%
34.6%	44.7	44.7	0.0	0.1%
35.8%	44.5	44.7	0.2	0.4%
37.0%	44.4	44.5	0.1	0.2%
38.3%	44.4	44.5	0.1	0.2%
39.5%	44.3	44.3	0.0	0.0%
40.7%	44.2	44.2	0.0	0.0%
42.0%	44.2	44.2	0.0	0.0%
43.2%	44.1	44.2	0.1	0.2%
44.4%	44.0	44.1	0.1	0.2%
45.7%	44.0	44.0	0.0	0.1%
46.9%	44.0	44.0	0.0	0.0%
48.1%	43.9	43.9	0.0	0.1%
49.4%	43.9	43.8	0.0	-0.1%
50.6%	43.7	43.8	0.0	0.1%
51.9%	43.7	43.7	0.0	0.1%
53.1%	43.6	43.6	0.0	0.0%
54.3%	43.6	43.6	0.0	0.0%
55.6%	43.6	43.5	0.0	-0.1%
56.8%	43.5	43.5	0.0	0.0%
58.0%	43.5	43.5	0.0	0.0%
59.3%	43.4	43.5	0.0	0.1%
60.5%	43.4	43.4	0.0	0.0%
61.7%	43.0	43.1	0.0	0.1%
63.0%	43.0	43.0	0.0	0.0%
64.2%	42.9	43.0	0.0	0.1%
65.4%	42.9	42.9	0.0	0.1%
66.7%	42.8	42.8	0.0	0.0%
67.9%	42.8	42.7	0.0	-0.1%
69.1%	42.8	42.7	-0.1	-0.2%
70.4%	42.7	42.6	-0.1	-0.2%
71.6%	42.7	42.6	-0.1	-0.2%
72.8%	42.7	42.6	-0.1	-0.2%
74.1%	42.7	42.6	-0.1	-0.1%
75.3%	42.7	42.6	-0.1	-0.2%
76.5%	42.6	42.5	-0.1	-0.2%
77.8%	42.6	42.5	-0.1	-0.2%
79.0%	42.5	42.5	0.0	-0.1%
80.2%	42.5	42.5	0.0	0.0%
81.5%	42.4	42.4	0.0	0.0%
82.7%	42.4	42.4	0.0	0.0%
84.0%	42.3	42.3	0.0	0.0%
85.2%	42.3	42.3	0.0	0.0%
86.4%	42.3	42.3	0.0	0.0%
87.7%	42.1	42.2	0.0	0.1%
88.9%	42.1	42.1	0.0	-0.1%
90.1%	41.9	42.0	0.1	0.2%
91.4%	41.8	41.9	0.1	0.2%
92.6%	41.8	41.7	0.0	-0.1%
93.8%	41.7	41.7	0.0	0.0%
95.1%	41.7	41.7	0.0	0.0%
96.3%	41.7	41.6	-0.1	-0.1%
97.5%	41.5	41.6	0.1	0.1%
98.8%	41.5	41.4	-0.1	-0.3%
100.0%	40.7	40.7	0.0	0.0%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	45.8	45.5	-0.3	-0.6%
1.2%	45.3	45.3	0.0	0.0%
2.5%	44.9	44.9	0.0	0.0%
3.7%	44.7	44.7	0.0	0.0%
4.9%	44.6	44.6	0.1	0.1%
6.2%	44.4	44.4	0.1	0.1%
7.4%	44.3	44.3	0.1	0.2%
8.6%	44.2	44.2	0.0	0.0%
9.9%	44.2	44.2	0.0	0.0%
11.1%	44.1	44.1	0.0	0.0%
12.3%	44.0	44.0	0.0	-0.1%
13.6%	43.8	43.8	0.0	-0.1%
14.8%	43.8	43.8	0.0	0.0%
16.0%	43.8	43.7	-0.1	-0.1%
17.3%	43.7	43.7	-0.1	-0.1%
18.5%	43.7	43.7	0.0	-0.1%
19.8%	43.7	43.6	0.0	-0.1%
21.0%	43.6	43.6	0.0	-0.1%
22.2%	43.5	43.5	0.0	0.0%
23.5%	43.5	43.5	0.0	0.0%
24.7%	43.5	43.4	-0.1	-0.1%
25.9%	43.4	43.3	-0.1	-0.1%
27.2%	43.4	43.3	-0.1	-0.1%
28.4%	43.3	43.3	0.0	0.0%
29.6%	43.2	43.2	0.0	0.0%
30.9%	43.1	43.2	0.0	0.1%
32.1%	43.1	43.2	0.0	0.1%
33.3%	43.1	43.1	0.0	0.0%
34.6%	43.1	43.1	0.0	0.0%
35.8%	43.0	43.1	0.1	0.1%
37.0%	43.0	43.1	0.1	0.1%
38.3%	43.0	43.0	0.0	0.0%
39.5%	43.0	43.0	0.0	0.0%
40.7%	42.9	42.9	0.0	-0.1%
42.0%	42.9	42.9	0.0	0.0%
43.2%	42.8	42.9	0.0	0.1%
44.4%	42.8	42.8	0.0	0.0%
45.7%	42.7	42.7	0.0	0.1%
46.9%	42.7	42.7	0.0	0.0%
48.1%	42.7	42.7	0.0	0.1%
49.4%	42.6	42.7	0.1	0.2%
50.6%	42.6	42.6	0.1	0.2%
51.9%	42.5	42.5	0.0	0.0%
53.1%	42.5	42.5	0.0	0.0%
54.3%	42.4	42.5	0.1	0.2%
55.6%	42.4	42.4	0.0	0.1%
56.8%	42.4	42.4	0.0	0.1%
58.0%	42.3	42.4	0.1	0.3%
59.3%	42.3	42.3	0.0	0.0%
60.5%	42.3	42.3	0.0	0.0%
61.7%	42.3	42.2	0.0	-0.1%
63.0%	42.2	42.2	0.0	0.0%
64.2%	42.2	42.1	-0.1	-0.3%
65.4%	42.1	42.1	-0.1	-0.1%
66.7%	42.1	42.0	0.0	0.0%
67.9%	42.0	42.0	0.0	0.0%
69.1%	42.0	42.0	0.0	-0.1%
70.4%	42.0	42.0	0.0	-0.1%
71.6%	41.9	42.0	0.0	0.1%
72.8%	41.9	41.9	0.0	0.1%
74.1%	41.8	41.8	-0.1	-0.1%
75.3%	41.8	41.8	0.0	-0.1%
76.5%	41.7	41.7	0.0	-0.1%
77.8%	41.7	41.7	0.0	-0.1%
79.0%	41.6	41.7	0.0	0.1%
80.2%	41.6	41.6	0.0	0.0%
81.5%	41.5	41.6	0.1	0.4%
82.7%	41.4	41.4	0.0	0.0%
84.0%	41.4	41.4	0.0	0.0%
85.2%	41.3	41.2	0.0	-0.1%
86.4%	41.2	41.2	0.0	0.0%
87.7%	41.0	41.1	0.1	0.3%
88.9%	41.0	41.0	0.0	0.0%
90.1%	40.9	41.0	0.1	0.2%
91.4%	40.8	40.9	0.1	0.2%
92.6%	40.5	40.8	0.3	0.8%
93.8%	40.5	40.5	0.0	0.0%
95.1%	40.4	40.4	0.0	0.0%
96.3%	40.3	40.2	-0.1	-0.3%
97.5%	40.0	40.0	0.0	0.1%
98.8%	39.7	39.6	-0.1	-0.2%
100.0%	39.1	39.1	0.0	0.1%

Table SQ-38-9b

Clear Creek at Mouth, Monthly Temperature
Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	47.9	47.9	0.0	0.0%
1.2%	46.9	46.9	0.0	-0.1%
2.5%	46.8	46.8	0.0	0.0%
3.7%	46.4	46.4	0.0	0.0%
4.9%	46.2	46.2	0.0	0.0%
6.2%	46.1	46.1	0.0	0.0%
7.4%	45.9	46.1	0.2	0.4%
8.6%	45.7	45.9	0.1	0.3%
9.9%	45.6	45.6	0.0	0.0%
11.1%	45.5	45.6	0.1	0.1%
12.3%	45.5	45.5	0.0	0.0%
13.6%	45.5	45.4	-0.1	-0.2%
14.8%	45.4	45.4	-0.1	-0.1%
16.0%	45.4	45.4	0.0	0.0%
17.3%	45.3	45.3	0.0	0.0%
18.5%	45.3	45.3	0.0	0.0%
19.8%	45.3	45.3	0.0	0.0%
21.0%	45.2	45.2	0.0	0.0%
22.2%	45.1	45.1	0.0	0.0%
23.5%	45.1	45.1	0.0	0.0%
24.7%	45.1	45.1	0.0	0.1%
25.9%	45.0	45.1	0.0	0.1%
27.2%	45.0	45.1	0.1	0.2%
28.4%	44.9	45.0	0.1	0.2%
29.6%	44.9	45.0	0.1	0.2%
30.9%	44.9	44.9	0.1	0.2%
32.1%	44.9	44.9	0.0	0.1%
33.3%	44.8	44.9	0.1	0.1%
34.6%	44.8	44.8	0.0	0.1%
35.8%	44.8	44.8	0.0	0.1%
37.0%	44.7	44.7	0.0	-0.1%
38.3%	44.7	44.7	0.0	0.0%
39.5%	44.7	44.7	0.0	0.0%
40.7%	44.6	44.7	0.0	0.1%
42.0%	44.6	44.6	0.0	0.0%
43.2%	44.6	44.6	0.0	0.0%
44.4%	44.6	44.6	0.0	0.0%
45.7%	44.5	44.6	0.0	0.1%
46.9%	44.4	44.5	0.1	0.2%
48.1%	44.3	44.4	0.2	0.4%
49.4%	44.3	44.4	0.1	0.3%
50.6%	44.2	44.3	0.0	0.1%
51.9%	44.2	44.3	0.1	0.2%
53.1%	44.2	44.2	0.1	0.2%
54.3%	44.1	44.2	0.1	0.2%
55.6%	44.1	44.1	0.0	0.0%
56.8%	44.1	44.1	0.0	0.0%
58.0%	44.1	44.1	0.0	0.0%
59.3%	44.0	44.0	0.0	0.1%
60.5%	44.0	44.0	0.0	0.0%
61.7%	43.9	43.9	0.0	0.1%
63.0%	43.9	43.9	0.0	0.0%
64.2%	43.8	43.9	0.0	0.1%
65.4%	43.8	43.9	0.0	0.1%
66.7%	43.8	43.8	0.0	0.1%
67.9%	43.7	43.8	0.0	0.1%
69.1%	43.6	43.6	0.0	0.0%
70.4%	43.6	43.6	0.0	0.0%
71.6%	43.5	43.5	0.0	0.0%
72.8%	43.5	43.5	0.0	0.0%
74.1%	43.5	43.5	0.0	0.0%
75.3%	43.4	43.5	0.0	0.1%
76.5%	43.4	43.4	0.0	0.0%
77.8%	43.4	43.4	0.0	0.0%
79.0%	43.4	43.4	0.0	0.1%
80.2%	43.3	43.4	0.0	0.1%
81.5%	43.2	43.3	0.0	0.1%
82.7%	43.1	43.2	0.1	0.1%
84.0%	42.9	42.9	0.0	0.0%
85.2%	42.9	42.9	0.0	0.0%
86.4%	42.9	42.9	0.0	0.0%
87.7%	42.9	42.9	0.0	0.0%
88.9%	42.9	42.9	0.0	0.0%
90.1%	42.8	42.8	0.0	-0.1%
91.4%	42.6	42.7	0.0	0.0%
92.6%	42.6	42.6	0.0	0.0%
93.8%	42.5	42.6	0.1	0.2%
95.1%	42.5	42.5	0.0	0.1%
96.3%	42.4	42.4	0.0	0.0%
97.5%	42.2	42.2	0.0	0.0%
98.8%	41.9	41.9	0.0	-0.1%
100.0%	41.5	41.5	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	51.7	51.7	0.0	0.0%
1.2%	51.3	51.3	0.0	0.0%
2.5%	51.1	51.2	0.1	0.2%
3.7%	50.1	50.1	0.0	0.0%
4.9%	50.0	50.0	0.0	-0.1%
6.2%	49.9	49.9	0.0	0.0%
7.4%	49.4	49.4	0.0	0.0%
8.6%	49.4	49.4	0.0	0.0%
9.9%	49.4	49.4	0.0	0.1%
11.1%	49.3	49.2	0.0	-0.1%
12.3%	49.2	49.2	0.0	-0.1%
13.6%	49.2	49.1	-0.1	-0.1%
14.8%	49.1	49.0	-0.1	-0.1%
16.0%	49.0	48.9	-0.1	-0.2%
17.3%	49.0	48.9	-0.1	-0.2%
18.5%	48.8	48.8	0.0	0.0%
19.8%	48.8	48.7	-0.1	-0.1%
21.0%	48.7	48.6	0.0	-0.1%
22.2%	48.6	48.6	0.0	0.0%
23.5%	48.6	48.3	-0.2	-0.5%
24.7%	48.5	48.3	-0.2	-0.4%
25.9%	48.4	48.3	-0.1	-0.2%
27.2%	48.3	48.3	0.0	-0.1%
28.4%	48.3	48.3	-0.1	-0.1%
29.6%	48.3	48.2	-0.1	-0.2%
30.9%	48.3	48.1	-0.2	-0.4%
32.1%	48.1	48.1	0.0	-0.1%
33.3%	48.1	48.1	0.0	-0.1%
34.6%	48.1	48.1	0.0	0.0%
35.8%	48.0	48.0	0.0	0.0%
37.0%	48.0	48.0	0.0	-0.1%
38.3%	47.9	47.9	-0.1	-0.1%
39.5%	47.8	47.9	0.0	0.0%
40.7%	47.8	47.8	0.0	0.0%
42.0%	47.8	47.8	0.0	0.0%
43.2%	47.7	47.8	0.0	0.0%
44.4%	47.6	47.6	0.0	0.0%
45.7%	47.6	47.5	0.0	0.0%
46.9%	47.5	47.5	0.0	0.0%
48.1%	47.5	47.5	0.0	0.0%
49.4%	47.5	47.5	0.0	0.0%
50.6%	47.2	47.3	0.0	0.1%
51.9%	47.2	47.2	0.0	0.0%
53.1%	47.2	47.2	0.0	0.0%
54.3%	47.2	47.2	0.0	0.0%
55.6%	47.1	47.1	0.0	-0.1%
56.8%	47.1	47.1	0.0	0.0%
58.0%	47.0	47.1	0.1	0.2%
59.3%	47.0	47.1	0.1	0.2%
60.5%	47.0	47.0	0.0	0.0%
61.7%	47.0	47.0	0.0	0.0%
63.0%	46.9	46.9	0.0	-0.1%
64.2%	46.9	46.9	0.0	0.0%
65.4%	46.8	46.8	0.0	0.0%
66.7%	46.7	46.8	0.0	0.0%
67.9%	46.7	46.7	0.1	0.1%
69.1%	46.6	46.7	0.0	0.1%
70.4%	46.6	46.6	0.0	0.0%
71.6%	46.6	46.6	0.0	0.0%
72.8%	46.6	46.6	0.0	0.0%
74.1%	46.4	46.4	0.0	0.0%
75.3%	46.1	46.1	0.0	0.0%
76.5%	46.1	46.1	0.0	0.0%
77.8%	46.0	46.1	0.0	0.1%
79.0%	46.0	46.0	0.0	0.0%
80.2%	46.0	46.0	0.0	0.0%
81.5%	46.0	46.0	0.0	0.0%
82.7%	46.0	46.0	0.0	0.0%
84.0%	45.9	45.9	0.0	0.0%
85.2%	45.9	45.9	0.0	0.0%
86.4%	45.9	45.9	0.0	0.0%
87.7%	45.8	45.8	0.0	0.0%
88.9%	45.7	45.7	0.0	0.0%
90.1%	45.7	45.6	0.0	-0.1%
91.4%	45.6	45.6	0.0	0.0%
92.6%	45.4	45.6	0.2	0.4%
93.8%	45.4	45.4	0.0	0.0%
95.1%	45.4	45.4	0.0	0.0%
96.3%	45.3	45.3	0.0	0.0%
97.5%	45.2	45.3	0.0	0.1%
98.8%	45.0	45.0	0.0	0.0%
100.0%	44.9	44.9	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	55.4	55.4	0.0	0.0%
1.2%	55.3	55.1	-0.1	-0.2%
2.5%	54.8	54.8	0.0	0.0%
3.7%	54.6	54.7	0.1	0.2%
4.9%	54.4	54.3	-0.1	-0.1%
6.2%	54.3	53.9	-0.4	-0.8%
7.4%	53.9	53.7	-0.2	-0.3%
8.6%	53.9	53.7	-0.2	-0.4%
9.9%	53.8	53.6	-0.2	-0.4%
11.1%	53.7	53.6	-0.1	-0.2%
12.3%	53.7	53.5	-0.2	-0.3%
13.6%	53.5	53.5	0.0	-0.1%
14.8%	53.5	53.5	0.0	0.0%
16.0%	53.4	53.5	0.0	0.1%
17.3%	53.4	53.4	0.0	0.0%
18.5%	53.4	53.4	0.1	0.1%
19.8%	53.3	53.3	0.0	0.0%
21.0%	53.2	53.2	0.0	0.1%
22.2%	53.1	53.2	0.2	0.3%
23.5%	52.5	52.9	0.3	0.6%
24.7%	52.4	52.8	0.4	0.8%
25.9%	52.3	52.5	0.3	0.5%
27.2%	52.2	52.4	0.2	0.4%
28.4%	52.2	52.3	0.1	0.2%
29.6%	52.1	52.2	0.1	0.2%
30.9%	52.1	52.2	0.1	0.1%
32.1%	52.1	52.1	0.0	0.0%
33.3%	52.0	52.0	0.0	0.0%
34.6%	51.9	52.0	0.0	0.1%
35.8%	51.8	51.9	0.1	0.2%
37.0%	51.8	51.8	0.0	0.1%
38.3%	51.8	51.8	0.1	0.2%
39.5%	51.6	51.7	0.1	0.2%
40.7%	51.6	51.6	0.0	0.1%
42.0%	51.6	51.6	0.0	0.0%
43.2%	51.6	51.6	0.0	0.0%
44.4%	51.6	51.5	0.0	-0.1%
45.7%	51.4	51.4	0.0	0.1%
46.9%	51.4	51.4	0.0	0.0%
48.1%	51.3	51.4	0.1	0.2%
49.4%	51.2	51.3	0.1	0.2%
50.6%	51.2	51.2	0.0	0.0%
51.9%	51.2	51.2	0.0	0.0%
53.1%	51.1	51.2	0.1	0.1%
54.3%	51.1	51.2	0.0	0.0%
55.6%	51.1	51.1	0.0	0.0%
56.8%	51.1	51.1	0.0	0.0%
58.0%	51.1	51.1	0.0	0.0%
59.3%	50.9	51.0	0.1	0.2%
60.5%	50.9	50.9	0.0	0.1%
61.7%	50.8	50.8	0.1	0.1%
63.0%	50.6	50.8	0.2	0.3%
64.2%	50.6	50.6	0.0	0.0%
65.4%	50.6	50.6	0.0	0.1%
66.7%	50.6	50.6	0.0	0.0%
67.9%	50.5	50.5	-0.1	-0.1%
69.1%	50.4	50.4	0.0	0.0%
70.4%	50.2	50.3	0.1	0.1%
71.6%	50.2	50.1	-0.1	-0.2%
72.8%	50.2	50.1	-0.1	-0.2%
74.1%	50.1	50.0	-0.1	-0.2%
75.3%	50.0	49.9	-0.2	-0.3%
76.5%	49.9	49.8	0.0	-0.1%
77.8%	49.8	49.8	0.0	0.0%
79.0%	49.8	49.7	0.0	-0.1%
80.2%	49.6	49.6	0.0	-0.1%
81.5%	49.6	49.6	0.0	0.0%
82.7%	49.5	49.5	0.1	0.2%
84.0%	49.4	49.5	0.1	0.2%
85.2%	49.4	49.4	0.0	0.0%
86.4%	49.3	49.3	0.0	0.0%
87.7%	49.3	49.2	0.0	-0.1%
88.9%	49.2	49.1	-0.1	-0.2%
90.1%	49.2	48.7	-0.4	-0.9%
91.4%	48.6	48.6	0.0	0.0%
92.6%	48.4	48.4	0.0	0.0%
93.8%	48.3	48.3	0.0	0.0%
95.1%	48.2	48.3	0.1	0.2%
96.3%	48.0	48.0	0.0	-0.1%
97.5%	47.9	47.9	0.0	0.0%
98.8%	46.5	46.5	0.0	0.0%
100.0%	46.4	46.4	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	58.5	58.7	0.2	0.3%
1.2%	58.5	58.5	0.0	0.0%
2.5%	58.5	58.5	0.0	0.0%
3.7%	57.8	57.8	0.0	0.0%
4.9%	57.8	57.6	-0.2	-0.3%
6.2%	57.6	57.5	-0.1	-0.2%
7.4%	57.5	57.4	-0.1	-0.2%
8.6%	57.4	57.4	0.0	0.0%
9.9%	57.1	57.1	0.0	0.0%
11.1%	57.1	57.0	0.0	0.0%
12.3%	57.0	57.0	0.0	0.0%
13.6%	57.0	57.0	0.0	0.0%
14.8%	57.0	57.0	0.0	0.0%
16.0%	56.9	56.9	0.0	-0.1%
17.3%	56.9	56.8	-0.1	-0.2%
18.5%	56.7	56.7	0.0	0.0%
19.8%	56.5	56.6	0.1	0.1%
21.0%	56.5	56.4	0.0	0.0%
22.2%	56.3	56.4	0.1	0.2%
23.5%	56.3	56.3	0.0	0.0%
24.7%	56.2	56.2	0.0	-0.1%
25.9%	56.2	56.1	-0.1	-0.2%
27.2%	56.1	56.0	0.0	0.0%
28.4%	56.0	56.0	0.0	0.0%
29.6%	56.0	56.0	0.0	-0.1%
30.9%	56.0	56.0	-0.1	-0.1%
32.1%	55.9	55.9	0.1	0.1%
33.3%	55.9	55.9	0.0	0.0%
34.6%	55.8	55.9	0.1	0.2%
35.8%	55.7	55.8	0.0	0.0%
37.0%	55.7	55.6	-0.1	-0.2%
38.3%	55.6	55.6	0.0	0.0%
39.5%	55.5	55.5	0.0	0.0%
40.7%	55.2	55.3	0.1	0.1%
42.0%	55.2	55.2	0.0	0.0%
43.2%	55.1	55.2	0.1	0.1%
44.4%	54.9	55.1	0.2	0.4%
45.7%	54.9	55.0	0.1	0.2%
46.9%	54.9	55.0	0.1	0.1%
48.1%	54.9	54.9	0.0	0.0%
49.4%	54.9	54.9	0.0	0.0%
50.6%	54.8	54.8	0.0	-0.1%
51.9%	54.8	54.8	0.0	0.0%
53.1%	54.8	54.8	0.0	0.0%
54.3%	54.7	54.8	0.0	0.0%
55.6%	54.7	54.7	0.0	-0.1%
56.8%	54.7	54.7	0.0	0.0%
58.0%	54.6	54.7	0.1	0.1%
59.3%	54.6	54.6	0.0	0.0%
60.5%	54.4	54.6	0.2	0.3%
61.7%	54.4	54.4	0.0	0.0%
63.0%	54.4	54.3	0.0	-0.1%
64.2%	54.3	54.3	0.0	-0.1%
65.4%	54.2	54.2	0.0	0.0%
66.7%	54.1	54.1	0.0	0.0%
67.9%	54.1	54.1	0.0	0.0%
69.1%	54.1	54.1	0.0	0.0%
70.4%	53.9	54.0	0.1	0.2%
71.6%	53.9	54.0	0.1	0.2%
72.8%	53.7	54.0	0.2	0.5%
74.1%	53.7	53.9	0.3	0.5%
75.3%	53.6	53.9	0.3	0.6%
76.5%	53.4	53.7	0.3	0.6%
77.8%	53.4	53.7	0.3	0.5%
79.0%	53.4	53.4	0.0	0.1%
80.2%	53.2	53.4	0.1	0.2%
81.5%	52.9	53.2	0.3	0.5%
82.7%	52.9	53.0	0.1	0.2%
84.0%	52.9	52.7	-0.2	-0.3%
85.2%	52.7	52.7	0.0	0.0%
86.4%	52.7	52.6	-0.1	-0.2%
87.7%	52.5	52.5	0.0	0.0%
88.9%	52.5	52.5	0.0	0.0%
90.1%	52.3	52.5	0.1	0.2%
91.4%	52.1	52.3	0.2	0.4%
92.6%	52.1	52.2	0.2	0.3%
93.8%	51.8	52.1	0.3	0.6%
95.1%	51.1	51.2	0.1	0.1%
96.3%	50.9	51.0	0.1	0.1%
97.5%	50.8	50.8	0.0	0.0%
98.8%	50.1	50.2	0.1	0.2%
100.0%	49.7	49.7	0.0	0.0%

Table SQ-38-9b

Clear Creek at Mouth, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.8	65.7	-0.1	-0.2%
1.2%	65.1	64.9	-0.2	-0.2%
2.5%	64.9	64.9	-0.1	-0.1%
3.7%	64.8	64.4	-0.4	-0.6%
4.9%	64.4	64.3	-0.2	-0.3%
6.2%	64.2	63.7	-0.5	-0.8%
7.4%	63.8	63.7	-0.1	-0.2%
8.6%	63.7	63.5	-0.2	-0.4%
9.9%	63.2	63.4	0.3	0.4%
11.1%	62.9	63.1	0.2	0.3%
12.3%	62.8	62.8	0.0	0.0%
13.6%	62.6	61.5	-1.1	-1.7%
14.8%	61.6	61.5	-0.1	-0.1%
16.0%	61.5	61.3	-0.2	-0.4%
17.3%	61.3	61.2	-0.2	-0.3%
18.5%	61.3	61.1	-0.1	-0.2%
19.8%	61.2	61.0	-0.2	-0.3%
21.0%	60.9	61.0	0.0	0.1%
22.2%	60.8	60.6	-0.2	-0.3%
23.5%	60.6	60.6	0.0	0.0%
24.7%	60.6	60.6	0.0	0.0%
25.9%	60.6	60.5	-0.1	-0.1%
27.2%	60.4	60.5	0.1	0.1%
28.4%	60.3	60.4	0.1	0.2%
29.6%	60.1	60.1	0.0	0.0%
30.9%	60.1	60.1	0.0	0.0%
32.1%	60.0	59.9	-0.1	-0.2%
33.3%	59.8	59.8	0.0	-0.1%
34.6%	59.8	59.7	0.0	-0.1%
35.8%	59.7	59.7	0.0	0.0%
37.0%	59.6	59.7	0.0	0.0%
38.3%	59.6	59.5	-0.1	-0.2%
39.5%	59.5	59.5	0.0	0.0%
40.7%	59.5	59.4	-0.1	-0.1%
42.0%	59.4	59.4	0.0	0.0%
43.2%	59.3	59.4	0.0	0.1%
44.4%	59.2	59.2	0.0	0.0%
45.7%	59.2	59.2	0.0	-0.1%
46.9%	59.0	59.1	0.1	0.2%
48.1%	58.9	59.0	0.1	0.2%
49.4%	58.9	58.9	0.0	0.0%
50.6%	58.9	58.8	0.0	0.0%
51.9%	58.8	58.8	-0.1	-0.1%
53.1%	58.8	58.7	0.0	0.0%
54.3%	58.8	58.6	-0.2	-0.3%
55.6%	58.7	58.5	-0.1	-0.2%
56.8%	58.6	58.5	0.0	0.0%
58.0%	58.5	58.5	0.0	-0.1%
59.3%	58.3	58.3	0.0	0.0%
60.5%	58.3	58.1	-0.2	-0.4%
61.7%	58.2	58.1	-0.1	-0.1%
63.0%	58.0	57.9	-0.1	-0.2%
64.2%	57.9	57.9	0.0	0.0%
65.4%	57.9	57.7	-0.2	-0.3%
66.7%	57.7	57.7	-0.1	-0.1%
67.9%	57.7	57.7	-0.1	-0.1%
69.1%	57.6	57.7	0.1	0.2%
70.4%	57.5	57.6	0.1	0.1%
71.6%	57.5	57.6	0.1	0.2%
72.8%	57.5	57.5	0.1	0.1%
74.1%	57.4	57.5	0.1	0.2%
75.3%	57.4	57.3	0.0	0.0%
76.5%	57.3	57.3	0.0	0.0%
77.8%	57.2	56.9	-0.3	-0.6%
79.0%	56.9	56.8	-0.1	-0.2%
80.2%	56.9	56.8	-0.1	-0.2%
81.5%	56.8	56.8	0.0	0.0%
82.7%	56.7	56.5	-0.2	-0.4%
84.0%	56.5	56.5	-0.1	-0.1%
85.2%	56.3	56.3	0.0	0.0%
86.4%	56.3	56.3	0.0	-0.1%
87.7%	56.3	56.1	-0.2	-0.4%
88.9%	56.0	56.1	0.0	0.1%
90.1%	55.9	56.0	0.1	0.1%
91.4%	55.8	55.9	0.1	0.1%
92.6%	55.8	55.9	0.1	0.2%
93.8%	55.2	55.2	0.0	0.1%
95.1%	54.7	54.7	0.0	0.1%
96.3%	54.5	54.6	0.1	0.1%
97.5%	54.5	54.5	0.0	0.0%
98.8%	53.4	53.4	0.0	0.0%
100.0%	51.9	51.9	0.0	0.0%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	83.4	83.0	-0.4	-0.5%
1.2%	72.2	72.4	0.2	0.3%
2.5%	71.5	71.3	-0.2	-0.2%
3.7%	70.9	71.0	0.1	0.1%
4.9%	70.6	70.6	0.0	0.0%
6.2%	69.2	69.2	0.0	0.1%
7.4%	68.8	68.7	-0.2	-0.3%
8.6%	68.6	68.2	-0.5	-0.7%
9.9%	68.1	67.9	-0.2	-0.3%
11.1%	68.0	67.9	-0.1	-0.2%
12.3%	67.9	67.8	-0.1	-0.1%
13.6%	67.9	67.7	-0.2	-0.3%
14.8%	67.7	67.4	-0.3	-0.4%
16.0%	67.6	67.4	-0.2	-0.3%
17.3%	67.5	67.3	-0.3	-0.4%
18.5%	67.4	67.3	-0.1	-0.2%
19.8%	67.4	67.3	-0.1	-0.2%
21.0%	67.4	67.0	-0.4	-0.5%
22.2%	67.4	66.9	-0.5	-0.7%
23.5%	67.3	66.9	-0.5	-0.7%
24.7%	67.1	66.9	-0.2	-0.3%
25.9%	66.8	66.7	-0.1	-0.1%
27.2%	66.8	66.7	-0.1	-0.1%
28.4%	66.8	66.7	-0.1	-0.1%
29.6%	66.7	66.7	0.0	0.0%
30.9%	66.7	66.6	-0.1	-0.2%
32.1%	66.6	66.6	-0.1	-0.1%
33.3%	66.6	66.6	-0.1	-0.1%
34.6%	66.6	66.5	-0.1	-0.1%
35.8%	66.5	66.5	-0.1	-0.1%
37.0%	66.5	66.4	-0.1	-0.2%
38.3%	66.4	66.2	-0.2	-0.4%
39.5%	66.4	66.1	-0.3	-0.4%
40.7%	66.3	65.9	-0.4	-0.6%
42.0%	66.1	65.9	-0.2	-0.3%
43.2%	66.0	65.8	-0.3	-0.4%
44.4%	65.6	65.5	-0.1	-0.2%
45.7%	65.6	65.5	-0.1	-0.1%
46.9%	65.5	65.5	0.0	0.0%
48.1%	65.4	65.4	0.0	0.0%
49.4%	65.2	65.3	0.0	0.1%
50.6%	65.2	65.3	0.1	0.2%
51.9%	65.1	64.9	-0.1	-0.2%
53.1%	64.9	64.8	-0.1	-0.2%
54.3%	64.9	64.8	-0.1	-0.2%
55.6%	64.9	64.6	-0.2	-0.3%
56.8%	64.7	64.6	-0.1	-0.1%
58.0%	64.7	64.6	-0.1	-0.2%
59.3%	64.6	64.6	-0.1	-0.1%
60.5%	64.6	64.5	-0.1	-0.2%
61.7%	64.6	64.5	0.0	-0.1%
63.0%	64.5	64.4	-0.1	-0.2%
64.2%	64.5	64.3	-0.2	-0.3%
65.4%	64.5	64.3	-0.2	-0.2%
66.7%	64.4	64.3	-0.2	-0.2%
67.9%	64.3	64.2	0.0	0.0%
69.1%	64.2	64.1	-0.1	-0.2%
70.4%	64.2	64.1	-0.1	-0.1%
71.6%	64.2	64.1	-0.1	-0.1%
72.8%	64.2	64.1	-0.1	-0.1%
74.1%	64.2	64.0	-0.2	-0.3%
75.3%	64.1	63.8	-0.2	-0.4%
76.5%	63.9	63.8	-0.2	-0.2%
77.8%	63.8	63.8	0.0	-0.1%
79.0%	63.7	63.7	0.0	0.0%
80.2%	63.3	63.7	0.4	0.6%
81.5%	63.2	63.3	0.1	0.1%
82.7%	63.0	63.2	0.3	0.4%
84.0%	62.8	63.1	0.3	0.5%
85.2%	62.8	62.8	0.0	0.1%
86.4%	62.7	62.6	-0.2	-0.2%
87.7%	62.6	62.5	0.0	-0.1%
88.9%	62.2	62.4	0.2	0.3%
90.1%	62.0	61.9	-0.1	-0.2%
91.4%	61.7	61.8	0.0	0.1%
92.6%	61.7	61.4	-0.3	-0.4%
93.8%	61.2	61.2	0.0	0.0%
95.1%	61.1	60.6	-0.5	-0.8%
96.3%	60.7	60.6	0.0	0.0%
97.5%	60.5	60.3	-0.1	-0.2%
98.8%	59.5	59.4	-0.1	-0.2%
100.0%	59.3	58.9	-0.4	-0.6%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	74.0	73.1	-0.9	-1.2%
1.2%	69.6	69.5	-0.1	-0.1%
2.5%	68.6	67.7	-0.9	-1.4%
3.7%	67.7	66.9	-0.7	-1.1%
4.9%	66.8	66.5	-0.4	-0.6%
6.2%	66.6	66.4	-0.1	-0.2%
7.4%	66.5	66.4	-0.1	-0.1%
8.6%	66.3	66.1	-0.2	-0.3%
9.9%	66.3	65.9	-0.4	-0.6%
11.1%	66.2	65.8	-0.4	-0.6%
12.3%	66.2	65.2	-1.0	-1.5%
13.6%	65.8	65.2	-0.6	-0.9%
14.8%	65.1	65.1	0.0	-0.1%
16.0%	65.0	65.1	0.0	0.1%
17.3%	65.0	65.1	0.0	0.1%
18.5%	64.9	64.9	0.0	-0.1%
19.8%	64.9	64.9	0.0	0.0%
21.0%	64.8	64.9	0.0	0.1%
22.2%	64.8	64.9	0.0	0.1%
23.5%	64.7	64.8	0.1	0.2%
24.7%	64.7	64.8	0.0	0.1%
25.9%	64.7	64.7	0.0	0.0%
27.2%	64.7	64.7	0.0	0.0%
28.4%	64.7	64.6	0.0	0.0%
29.6%	64.7	64.4	-0.3	-0.5%
30.9%	64.7	64.3	-0.3	-0.5%
32.1%	64.3	64.3	0.0	0.0%
33.3%	64.2	64.3	0.1	0.2%
34.6%	63.9	64.2	0.2	0.3%
35.8%	63.9	64.1	0.2	0.3%
37.0%	63.8	64.0	0.2	0.2%
38.3%	63.8	63.8	0.0	0.0%
39.5%	63.7	63.8	0.0	0.0%
40.7%	63.7	63.7	0.0	0.0%
42.0%	63.5	63.7	0.2	0.2%
43.2%	63.5	63.6	0.1	0.2%
44.4%	63.3	63.5	0.2	0.3%
45.7%	63.3	63.4	0.1	0.1%
46.9%	63.3	63.1	-0.2	-0.3%
48.1%	63.2	63.1	-0.1	-0.2%
49.4%	63.2	63.0	-0.2	-0.3%
50.6%	63.1	62.9	-0.2	-0.3%
51.9%	63.1	62.9	-0.2	-0.4%
53.1%	63.0	62.9	-0.1	-0.2%
54.3%	62.8	62.8	0.0	0.0%
55.6%	62.8	62.8	-0.1	-0.1%
56.8%	62.8	62.7	-0.1	-0.1%
58.0%	62.8	62.7	-0.1	-0.2%
59.3%	62.8	62.7	-0.1	-0.2%
60.5%	62.8	62.7	-0.1	-0.2%
61.7%	62.7	62.7	-0.1	-0.1%
63.0%	62.7	62.6	-0.1	-0.1%
64.2%	62.7	62.6	-0.1	-0.1%
65.4%	62.4	62.6	0.2	0.3%
66.7%	62.4	62.5	0.2	0.3%
67.9%	62.3	62.5	0.2	0.3%
69.1%	62.1	62.5	0.4	0.6%
70.4%	62.1	62.3	0.2	0.4%
71.6%	62.0	62.1	0.1	0.1%
72.8%	62.0	62.1	0.1	0.2%
74.1%	61.9	62.1	0.2	0.3%
75.3%	61.7	62.0	0.3	0.5%
76.5%	61.6	61.8	0.2	0.3%
77.8%	61.5	61.5	0.0	-0.1%
79.0%	61.4	61.4	0.0	0.1%
80.2%	61.3	61.4	0.1	0.2%
81.5%	61.2	61.2	0.0	0.0%
82.7%	61.2	61.1	-0.1	-0.1%
84.0%	61.0	61.1	0.1	0.2%
85.2%	61.0	61.1	0.1	0.2%
86.4%	60.8	61.0	0.2	0.3%
87.7%	60.7	60.8	0.1	0.1%
88.9%	60.6	60.8	0.1	0.2%
90.1%	60.6	60.7	0.1	0.2%
91.4%	60.6	60.5	-0.1	-0.1%
92.6%	60.4	60.5	0.1	0.2%
93.8%	60.2	60.2	0.0	-0.1%
95.1%	60.0	59.9	-0.1	-0.2%
96.3%	59.6	59.7	0.1	0.2%
97.5%	59.5	59.5	0.0	0.0%
98.8%	59.5	59.4	-0.1	-0.2%
100.0%	59.1	59.3	0.2	0.3%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.2	63.4	-2.8	-4.3%
1.2%	63.9	63.3	-0.6	-1.0%
2.5%	63.1	63.1	0.0	0.0%
3.7%	63.1	62.4	-0.7	-1.1%
4.9%	62.4	62.3	-0.1	-0.2%
6.2%	61.9	61.5	-0.4	-0.6%
7.4%	61.3	61.2	-0.1	-0.2%
8.6%	61.0	60.3	-0.7	-1.2%
9.9%	61.0	60.1	-0.9	-1.5%
11.1%	60.4	60.1	-0.3	-0.5%
12.3%	60.3	59.4	-0.9	-1.4%
13.6%	60.1	59.4	-0.7	-1.1%
14.8%	59.7	59.4	-0.4	-0.6%
16.0%	59.2	59.3	0.1	0.2%
17.3%	58.8	59.2	0.4	0.7%
18.5%	58.5	59.1	0.7	1.1%
19.8%	58.2	58.4	0.2	0.3%
21.0%	58.2	58.3	0.1	0.1%
22.2%	58.1	58.2	0.1	0.1%
23.5%	58.0	58.0	0.0	0.0%
24.7%	57.9	57.9	0.0	0.1%
25.9%	57.7	57.9	0.1	0.2%
27.2%	57.6	57.7	0.0	0.1%
28.4%	57.6	57.6	0.0	0.1%
29.6%	57.5	57.4	0.0	0.0%
30.9%	57.5	57.4	-0.1	-0.2%
32.1%	57.5	57.3	-0.2	-0.3%
33.3%	57.3	57.2	-0.1	-0.1%
34.6%	57.2	57.1	-0.1	-0.2%
35.8%	57.2	57.1	-0.1	-0.2%
37.0%	57.0	56.9	-0.1	-0.1%
38.3%	56.8	56.8	0.0	0.0%
39.5%	56.8	56.8	0.0	0.0%
40.7%	56.7	56.8	0.1	0.2%
42.0%	56.6	56.7	0.1	0.2%
43.2%	56.6	56.7	0.1	0.1%
44.4%	56.6	56.6	0.0	0.0%
45.7%	56.5	56.6	0.0	0.1%
46.9%	56.5	56.6	0.1	0.1%
48.1%	56.5	56.5	0.0	0.1%
49.4%	56.5	56.5	0.1	0.1%
50.6%	56.5	56.5	0.0	0.1%
51.9%	56.4	56.5	0.0	0.1%
53.1%	56.4	56.5	0.1	0.1%
54.3%	56.4	56.4	0.0	0.0%
55.6%	56.4	56.4	0.0	0.0%
56.8%	56.3	56.4	0.1	0.1%
58.0%	56.2	56.4	0.1	0.2%
59.3%	56.2	56.2	0.0	0.0%
60.5%	56.1	56.2	0.0	0.1%
61.7%	56.0	56.2	0.2	0.3%
63.0%	56.0	56.1	0.1	0.3%
64.2%	55.9	56.0	0.1	0.1%
65.4%	55.9	55.9	0.0	0.0%
66.7%	55.9	55.9	0.0	0.0%
67.9%	55.8	55.9	0.0	0.1%
69.1%	55.8	55.8	0.0	0.0%
70.4%	55.8	55.8	0.0	0.0%
71.6%	55.7	55.7	0.0	0.1%
72.8%	55.7	55.7	0.0	0.0%
74.1%	55.6	55.6	0.0	0.0%
75.3%	55.5	55.5	0.0	0.0%
76.5%	55.5	55.4	0.0	0.0%
77.8%	55.5	55.4	0.0	0.0%
79.0%	55.4	55.4	0.0	0.0%
80.2%	55.4	55.4	0.0	0.1%
81.5%	55.4	55.4	0.1	0.1%
82.7%	55.3	55.4	0.1	0.2%
84.0%	55.2	55.3	0.1	0.2%
85.2%	55.1	55.3	0.2	0.4%
86.4%	55.0	55.1	0.1	0.1%
87.7%	55.0	55.0	0.0	0.0%
88.9%	55.0	55.0	-0.1	-0.1%
90.1%	54.9	54.7	-0.2	-0.4%
91.4%	54.8	54.6	-0.2	-0.4%
92.6%	54.6	54.5	0.0	0.0%
93.8%	54.4	54.4	0.0	0.0%
95.1%	54.4	54.4	0.0	0.0%
96.3%	54.3	54.4	0.1	0.1%
97.5%	54.3	54.3	0.0	0.0%
98.8%	53.9	53.9	0.0	0.0%
100.0%	53.8	53.8	0.1	0.1%

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Appendix 7E-1
Folsom Reservoir CE-QUAL-W2 River Temperature Modeling Updates for American River

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Line items and numbers identified or noted as “No Action Alternative” represent the “Existing Conditions/No Project/No Action Condition” (described in Chapter 2 Alternatives Analysis). Table numbering may not be consecutive for all appendixes.

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Table SQ-39-1a
American River below Nimbus Dam, Monthly Temperature
Long-term Average and Average by Water Year Type

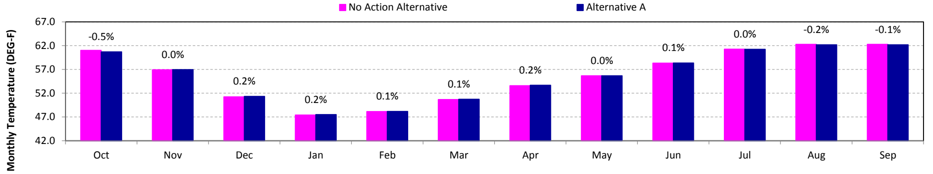
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	61.0	56.9	51.2	47.4	48.1	50.7	53.6	55.7	58.3	61.3	62.3	62.3
Alternative A	60.7	57.0	51.3	47.5	48.2	50.7	53.7	55.7	58.4	61.2	62.2	62.2
Difference	-0.3	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.0	-0.1	-0.1
Percent Difference[3]	-0.5%	0.0%	0.2%	0.2%	0.1%	0.1%	0.2%	0.0%	0.1%	0.0%	-0.2%	-0.1%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	59.6	56.5	51.8	47.4	48.1	50.0	52.5	53.6	56.1	59.2	60.7	61.0
Alternative A	59.3	56.5	51.9	47.4	48.2	50.0	52.4	53.6	56.0	59.2	60.8	61.0
Difference	-0.3	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	0.1
Percent Difference	-0.5%	0.0%	0.1%	0.1%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.1%	0.1%
Above Normal (15%)												
No Action Alternative	60.0	56.4	50.8	47.6	47.8	50.1	52.8	54.4	57.1	60.3	61.1	60.9
Alternative A	59.6	56.5	50.9	47.6	47.8	50.3	53.1	54.6	57.3	60.4	61.1	61.0
Difference	-0.4	0.1	0.2	0.0	0.1	0.3	0.3	0.2	0.2	0.0	0.0	0.1
Percent Difference	-0.6%	0.2%	0.3%	0.1%	0.2%	0.6%	0.5%	0.4%	0.4%	0.0%	0.0%	0.2%
Below Normal (17%)												
No Action Alternative	60.5	57.0	51.5	47.3	47.5	50.6	53.5	55.2	57.8	60.9	61.2	60.9
Alternative A	60.3	56.9	51.5	47.4	47.5	50.7	53.6	55.4	58.0	60.6	61.3	61.0
Difference	-0.2	-0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.2	-0.3	0.0	0.1
Percent Difference	-0.3%	-0.2%	0.1%	0.1%	0.0%	0.1%	0.1%	0.2%	0.3%	-0.5%	0.0%	0.1%
Dry (22%)												
No Action Alternative	62.1	57.3	51.3	47.5	48.5	51.0	54.2	56.9	59.4	61.8	62.7	62.7
Alternative A	61.5	57.3	51.4	47.6	48.5	51.0	54.3	57.0	59.5	61.5	62.5	62.2
Difference	-0.6	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.1	-0.3	-0.2	-0.4
Percent Difference	-0.9%	-0.1%	0.2%	0.2%	0.0%	-0.1%	0.2%	0.3%	0.2%	-0.5%	-0.3%	-0.7%
Critical (15%)												
No Action Alternative	64.0	57.8	50.1	47.3	48.8	52.3	55.8	60.0	63.4	66.3	67.5	67.3
Alternative A	64.0	58.0	50.2	47.5	49.0	52.5	56.0	59.6	63.1	66.9	66.9	67.0
Difference	0.0	0.2	0.1	0.2	0.2	0.2	0.2	-0.4	-0.3	0.7	-0.6	-0.2
Percent Difference	0.0%	0.4%	0.3%	0.4%	0.4%	0.3%	0.4%	-0.7%	-0.5%	1.0%	-0.8%	-0.4%

1 Based on the 82-year simulation period

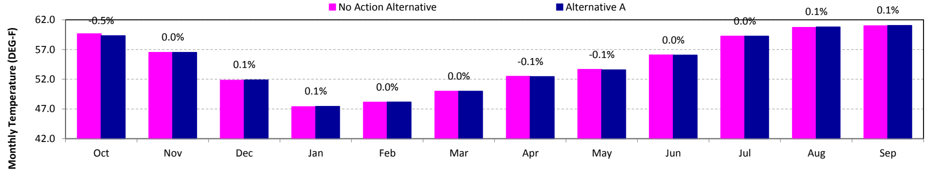
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

3 Relative difference of the monthly average

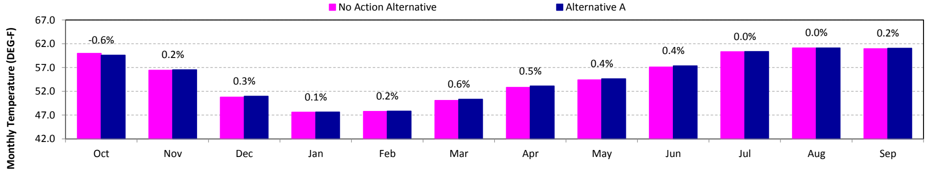
American River below Nimbus Dam, Monthly Temperature
Full Simulation Period



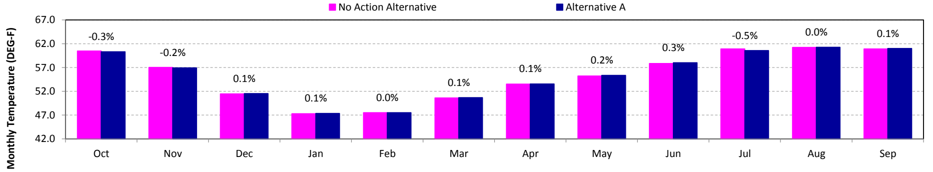
American River below Nimbus Dam, Monthly Temperature
Wet Water Year Types (32%)



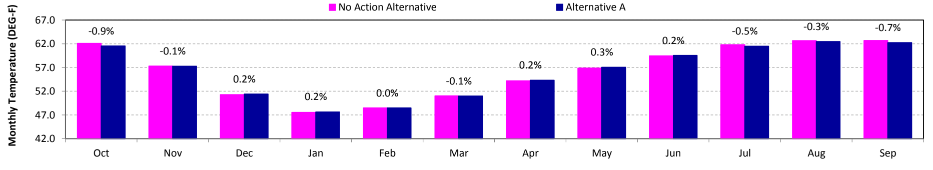
American River below Nimbus Dam, Monthly Temperature
Above Normal Water Year Types (15%)



American River below Nimbus Dam, Monthly Temperature
Below Normal Water Year Types (17%)



American River below Nimbus Dam, Monthly Temperature
Dry Water Year Types (22%)



American River below Nimbus Dam, Monthly Temperature
Critical Water Year Types (15%)

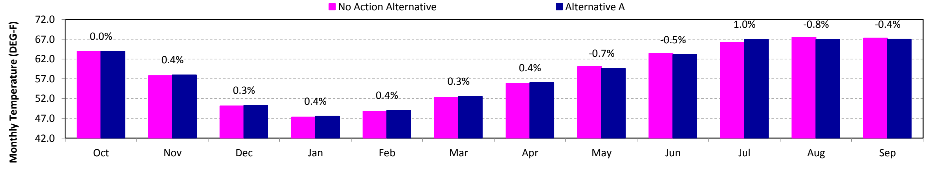
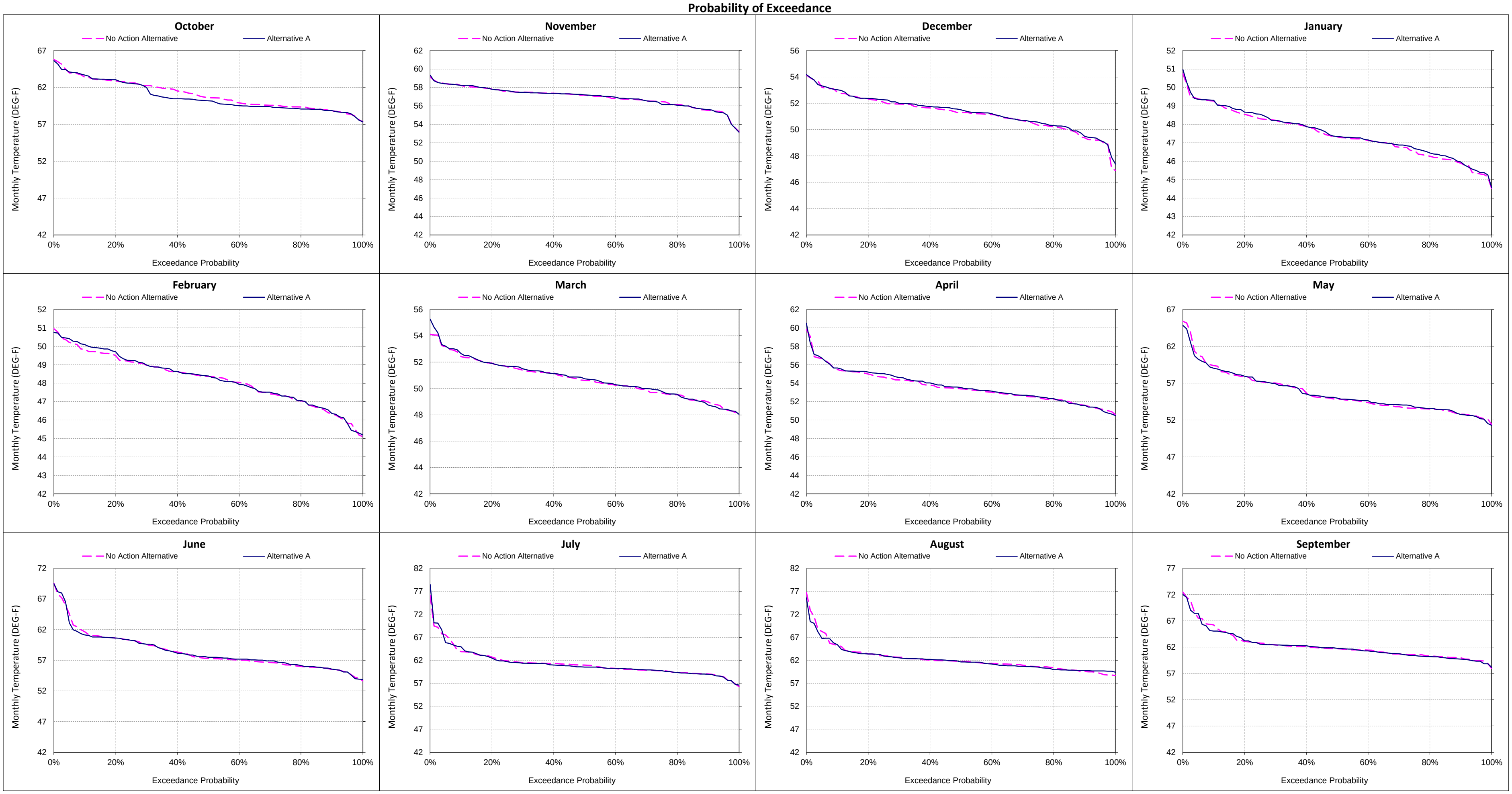


Figure SQ-39-1b
American River below Nimbus Dam, Monthly Temperature
Probability of Exceedance



October

November

December

January

February

March

April

May

June

July

August

September

Table SQ-39-1b

American River below Nimbus Dam, Monthly Temperature

Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.8	65.6	-0.2	-0.3%
1.3%	65.5	65.2	-0.3	-0.5%
2.5%	65.2	64.4	-0.7	-1.1%
3.8%	64.5	64.4	-0.1	-0.1%
5.0%	64.0	64.1	0.1	0.2%
6.3%	64.0	64.0	0.1	0.1%
7.5%	63.9	64.0	0.1	0.2%
8.8%	63.7	63.8	0.1	0.1%
10.0%	63.4	63.7	0.3	0.5%
11.3%	63.3	63.5	0.2	0.3%
12.5%	63.2	63.1	0.0	-0.1%
13.8%	63.1	63.1	0.0	0.1%
15.0%	63.1	63.1	0.0	0.1%
16.3%	63.1	63.1	0.0	0.1%
17.5%	63.0	63.1	0.1	0.2%
18.8%	62.9	63.0	0.1	0.2%
20.0%	62.9	63.0	0.2	0.3%
21.3%	62.8	62.8	0.0	0.1%
22.5%	62.8	62.7	-0.1	-0.2%
23.8%	62.7	62.6	-0.1	-0.1%
25.0%	62.6	62.6	0.0	-0.1%
26.3%	62.6	62.5	-0.1	-0.2%
27.5%	62.4	62.5	0.0	0.0%
28.8%	62.3	62.3	0.0	0.0%
30.0%	62.3	62.0	-0.2	-0.4%
31.3%	62.3	61.1	-1.2	-1.9%
32.5%	62.1	60.9	-1.1	-1.8%
33.8%	62.0	60.9	-1.2	-1.9%
35.0%	61.9	60.7	-1.2	-1.9%
36.3%	61.8	60.6	-1.2	-1.9%
37.5%	61.8	60.5	-1.3	-2.1%
38.8%	61.8	60.5	-1.3	-2.1%
40.0%	61.5	60.5	-1.0	-1.7%
41.3%	61.5	60.5	-1.0	-1.6%
42.5%	61.4	60.4	-0.9	-1.5%
43.8%	61.2	60.4	-0.8	-1.3%
45.0%	61.2	60.4	-0.8	-1.3%
46.3%	61.0	60.3	-0.7	-1.1%
47.5%	60.8	60.3	-0.5	-0.9%
48.8%	60.7	60.2	-0.5	-0.8%
50.0%	60.6	60.2	-0.4	-0.7%
51.3%	60.6	60.1	-0.5	-0.8%
52.5%	60.6	60.0	-0.6	-1.0%
53.8%	60.6	59.8	-0.8	-1.3%
55.0%	60.4	59.7	-0.7	-1.1%
56.3%	60.3	59.7	-0.6	-1.0%
57.5%	60.3	59.7	-0.6	-1.0%
58.8%	60.0	59.5	-0.4	-0.7%
60.0%	59.9	59.5	-0.4	-0.7%
61.3%	59.8	59.5	-0.3	-0.5%
62.5%	59.8	59.5	-0.3	-0.4%
63.8%	59.7	59.4	-0.3	-0.5%
65.0%	59.7	59.4	-0.3	-0.5%
66.3%	59.7	59.4	-0.3	-0.5%
67.5%	59.6	59.4	-0.2	-0.3%
68.8%	59.6	59.4	-0.2	-0.3%
70.0%	59.6	59.4	-0.2	-0.3%
71.3%	59.6	59.3	-0.3	-0.5%
72.5%	59.6	59.3	-0.3	-0.5%
73.8%	59.5	59.2	-0.2	-0.4%
75.0%	59.4	59.2	-0.2	-0.4%
76.3%	59.4	59.2	-0.2	-0.4%
77.5%	59.4	59.2	-0.2	-0.3%
78.8%	59.4	59.1	-0.2	-0.4%
80.0%	59.4	59.1	-0.3	-0.5%
81.3%	59.4	59.1	-0.3	-0.5%
82.5%	59.2	59.1	-0.1	-0.2%
83.8%	59.2	59.0	-0.1	-0.2%
85.0%	59.1	59.0	0.0	-0.1%
86.3%	59.0	59.0	0.0	0.0%
87.5%	59.0	58.9	-0.1	-0.1%
88.8%	58.9	58.9	0.0	-0.1%
90.0%	58.8	58.8	0.0	0.1%
91.3%	58.8	58.7	0.0	-0.1%
92.5%	58.7	58.6	-0.1	-0.1%
93.8%	58.5	58.6	0.1	0.2%
95.0%	58.4	58.6	0.2	0.3%
96.3%	58.3	58.4	0.1	0.1%
97.5%	58.1	58.0	-0.1	-0.1%
98.8%	57.6	57.6	-0.1	-0.1%
100.0%	57.3	57.3	0.0	0.0%

November				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.1	59.3	0.2	0.4%
1.3%	58.8	58.7	0.0	-0.1%
2.5%	58.6	58.5	0.0	0.0%
3.8%	58.5	58.5	0.0	-0.1%
5.0%	58.4	58.4	0.0	0.0%
6.3%	58.4	58.4	0.0	0.0%
7.5%	58.4	58.3	0.0	0.0%
8.8%	58.3	58.3	-0.1	-0.1%
10.0%	58.2	58.2	0.0	0.0%
11.3%	58.1	58.2	0.1	0.2%
12.5%	58.1	58.2	0.1	0.2%
13.8%	58.0	58.2	0.2	0.3%
15.0%	58.0	58.1	0.1	0.1%
16.3%	58.0	58.0	0.0	-0.1%
17.5%	57.9	58.0	0.0	0.1%
18.8%	57.9	57.9	0.0	0.0%
20.0%	57.8	57.8	0.0	-0.1%
21.3%	57.8	57.8	-0.1	-0.1%
22.5%	57.7	57.7	0.0	0.0%
23.8%	57.6	57.7	0.1	0.1%
25.0%	57.6	57.6	0.1	0.1%
26.3%	57.5	57.6	0.0	0.1%
27.5%	57.5	57.5	0.0	0.0%
28.8%	57.5	57.5	0.0	0.0%
30.0%	57.5	57.5	0.0	-0.1%
31.3%	57.5	57.5	0.0	0.0%
32.5%	57.5	57.4	-0.1	-0.1%
33.8%	57.5	57.4	0.0	-0.1%
35.0%	57.4	57.4	0.0	0.0%
36.3%	57.4	57.4	0.0	0.0%
37.5%	57.4	57.4	0.0	-0.1%
38.8%	57.4	57.4	0.0	-0.1%
40.0%	57.4	57.4	0.0	0.0%
41.3%	57.4	57.3	0.0	0.0%
42.5%	57.3	57.3	0.0	-0.1%
43.8%	57.3	57.3	0.0	0.0%
45.0%	57.3	57.3	0.0	0.0%
46.3%	57.2	57.3	0.1	0.1%
47.5%	57.2	57.3	0.0	0.1%
48.8%	57.2	57.3	0.1	0.1%
50.0%	57.2	57.2	0.0	0.0%
51.3%	57.1	57.2	0.1	0.1%
52.5%	57.1	57.2	0.1	0.1%
53.8%	57.0	57.1	0.1	0.2%
55.0%	57.0	57.1	0.1	0.1%
56.3%	57.0	57.0	0.0	0.1%
57.5%	57.0	57.0	0.0	0.1%
58.8%	56.8	57.0	0.2	0.3%
60.0%	56.8	56.9	0.2	0.3%
61.3%	56.8	56.8	0.1	0.1%
62.5%	56.8	56.8	0.1	0.1%
63.8%	56.7	56.8	0.0	0.1%
65.0%	56.7	56.8	0.1	0.1%
66.3%	56.7	56.7	0.0	0.1%
67.5%	56.7	56.7	0.1	0.1%
68.8%	56.7	56.6	0.0	0.0%
70.0%	56.5	56.6	0.0	0.1%
71.3%	56.5	56.5	0.0	0.0%
72.5%	56.5	56.5	0.0	0.0%
73.8%	56.5	56.4	-0.1	-0.1%
75.0%	56.5	56.2	-0.3	-0.5%
76.3%	56.4	56.2	-0.3	-0.5%
77.5%	56.3	56.2	-0.1	-0.2%
78.8%	56.2	56.1	0.0	-0.1%
80.0%	56.1	56.1	0.0	-0.1%
81.3%	56.1	56.0	-0.1	-0.1%
82.5%	56.0	56.0	0.0	0.0%
83.8%	56.0	56.0	0.0	0.1%
85.0%	55.8	55.8	0.0	0.0%
86.3%	55.7	55.7	0.0	0.0%
87.5%	55.6	55.7	0.1	0.2%
88.8%	55.6	55.6	0.0	0.1%
90.0%	55.5	55.6	0.1	0.2%
91.3%	55.5	55.5	0.0	0.1%
92.5%	55.4	55.4	-0.1	-0.1%
93.8%	55.4	55.3	-0.1	-0.2%
95.0%	55.3	55.3	0.0	-0.1%
96.3%	55.0	55.0	0.0	0.1%
97.5%	54.1	54.0	0.0	-0.1%
98.8%	53.6	53.6	0.0	0.0%
100.0%	53.2	53.2	0.0	-0.1%

December				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.1	54.2	0.0	0.1%
1.3%	53.9	54.0	0.0	0.1%
2.5%	53.8	53.8	0.0	0.0%
3.8%	53.7	53.4	-0.3	-0.5%
5.0%	53.2	53.3	0.1	0.2%
6.3%	53.1	53.2	0.1	0.2%
7.5%	53.1	53.1	0.0	0.1%
8.8%	53.1	53.1	0.0	-0.1%
10.0%	52.8	53.0	0.2	0.4%
11.3%	52.8	53.0	0.2	0.4%
12.5%	52.7	52.8	0.1	0.2%
13.8%	52.6	52.5	-0.1	-0.1%
15.0%	52.5	52.5	0.0	0.0%
16.3%	52.5	52.4	-0.1	-0.1%
17.5%	52.4	52.4	0.0	0.0%
18.8%	52.4	52.4	0.0	0.0%
20.0%	52.3	52.4	0.0	0.1%
21.3%	52.3	52.4	0.1	0.2%
22.5%	52.2	52.3	0.1	0.2%
23.8%	52.2	52.3	0.1	0.2%
25.0%	52.1	52.3	0.2	0.3%
26.3%	52.0	52.2	0.3	0.5%
27.5%	52.0	52.1	0.2	0.3%
28.8%	52.0	52.1	0.2	0.3%
30.0%	51.9	52.0	0.1	0.1%
31.3%	51.9	52.0	0.1	0.1%
32.5%	51.9	52.0	0.1	0.1%
33.8%	51.9	52.0	0.0	0.1%
35.0%	51.7	51.9	0.2	0.4%
36.3%	51.7	51.8	0.1	0.2%
37.5%	51.7	51.8	0.1	0.2%
38.8%	51.7	51.8	0.1	0.2%
40.0%	51.6	51.8	0.1	0.2%
41.3%	51.6	51.7	0.1	0.2%
42.5%	51.6	51.7	0.1	0.3%
43.8%	51.5	51.7	0.1	0.3%
45.0%	51.5	51.7	0.2	0.3%
46.3%	51.5	51.7	0.2	0.3%
47.5%	51.4	51.6	0.2	0.4%
48.8%	51.3	51.6	0.3	0.5%
50.0%	51.3	51.5	0.2	0.4%
51.3%	51.3	51.4	0.1	0.2%
52.5%	51.3	51.3	0.1	0.1%
53.8%	51.2	51.3	0.1	0.2%
55.0%	51.2	51.3	0.1	0.2%
56.3%	51.2	51.3	0.1	0.2%
57.5%	51.2	51.3	0.1	0.2%
58.8%	51.1	51.3	0.1	0.3%
60.0%	51.1	51.2	0.1	0.2%
61.3%	51.1	51.1	0.0	0.0%
62.5%	51.0	51.0	0.1	0.1%
63.8%	50.9	51.0	0.0	0.1%
65.0%	50.9	50.9	0.0	0.0%
66.3%	50.9	50.8	0.0	-0.1%
67.5%	50.8	50.8	0.0	-0.1%
68.8%	50.7	50.7	0.0	0.0%
70.0%	50.7	50.7	0.0	0.1%
71.3%	50.6	50.7	0.0	0.1%
72.5%	50.6	50.6	0.0	0.1%
73.8%	50.5	50.6	0.1	0.3%
75.0%	50.3	50.6	0.2	0.5%
76.3%	50.3	50.5	0.1	0.3%
77.5%	50.3	50.4	0.1	0.2%
78.8%	50.3	50.3	0.1	0.2%
80.0%	50.2	50.3	0.1	0.2%
81.3%	50.2	50.3	0.1	0.2%
82.5%	50.1	50.3	0.2	0.3%
83.8%	50.0	50.2	0.2	0.4%
85.0%	49.9	50.1	0.2	0.4%
86.3%	49.9	49.9	0.0	0.0%
87.5%	49.8	49.9	0.2	0.3%
88.8%	49.4	49.8	0.3	0.6%
90.0%	49.4	49.5	0.1	0.2%
91.3%	49.2	49.4	0.2	0.3%
92.5%	49.2	49.4	0.2	0.3%
93.8%	49.2	49.4	0.2	0.3%
95.0%	49.2	49.2	0.0	0.0%
96.3%	49.0	49.1	0.1	0.1%
97.5%	49.0	48.8	-0.1	-0.2%
98.8%	47.1	47.9	0.8	1.7%
100.0%	46.9	47.4	0.5	1.0%

January				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.8	51.0	0.2	0.4%
1.3%	50.2	50.3	0.1	0.2%
2.5%	49.5	49.7	0.3	0.5%
3.8%	49.5	49.4	0.0	-0.1%
5.0%	49.4	49.4	0.0	0.0%
6.3%	49.3	49.3	0.0	0.0%
7.5%	49.3	49.3	0.0	0.0%
8.8%	49.3	49.3	0.0	0.1%
10.0%	49.3	49.3	0.0	0.1%
11.3%	49.1	49.0	0.0	-0.1%
12.5%	49.0	49.0	0.0	0.0%
13.8%	48.9	49.0	0.1	0.3%
15.0%	48.8	49.0	0.1	0.3%
16.3%	48.7	48.9	0.1	0.2%
17.5%	48.7	48.8	0.1	0.3%
18.8%	48.6	48.8	0.2	0.4%
20.0%	48.5	48.7	0.1	0.2%
21.3%	48.5	48.7	0.2	0.3%
22.5%	48.4	48.6	0.2	0.4%
23.8%	48.4	48.6	0.2	0.4%
25.0%	48.3	48.5	0.3	0.5%
26.3%	48.3	48.5	0.2	0.4%
27.5%	48.3	48.4	0.1	0.2%
28.8%	48.2	48.2	0.0	-0.1%
30.0%	48.2	48.2	0.0	0.0%
31.3%	48.2	48.2	0.0	0.1%
32.5%	48.1	48.1	0.0	0.1%
33.8%	48.1	48.1	0.0	0.1%
35.0%	48.1	48.1	0.0	0.0%
36.3%	48.0	48.0	0.0	0.0%
37.5%	48.0	48.0	0.0	0.1%
38.8%	47.9	48.0	0.0	0.1%
40.0%	47.9	47.9	0.0	0.0%
41.3%	47.8	47.8	0.0	0.0%
42.5%	47.8	47.8	0.0	0.1%
43.8%	47.6	47.8	0.2	0.3%
45.0%	47.5	47.7	0.1	0.3%
46.3%	47.4	47.6	0.2	0.3%
47.5%	47.4	47.4	0.0	0.1%
48.8%	47.3	47.4	0.0	0.1%
50.0%	47.3	47.3	0.0	0.0%
51.3%	47.3	47.3	0.0	0.1%
52.5%	47.3	47.3	0.0	0.0%
53.8%	47.2	47.3	0.1	0.1%
55.0%	47.2	47.3	0.1	0.1%
56.3%	47.2	47.3	0.1	0.1%
57.5%	47.2	47.3	0.0	0.1%
58.8%	47.2	47.2	0.0	0.0%
60.0%	47.1	47.2	0.0	0.1%
61.3%	47.1	47.1	0.0	0.0%
62.5%	47.0	47.1	0.0	0.1%
63.8%	47.0	47.0	0.0	0.0%
65.0%	47.0	47.0	0.0	0.0%
66.3%	47.0	47.0	0.0	0.0%
67.5%	47.0	47.0	0.0	-0.1%
68.8%	46.8	46.9	0.1	0.2%
70.0%	46.8	46.9	0.1	0.3%
71.3%	46.8	46.9	0.1	0.3%
72.5%	46.7	46.8	0.1	0.2%
73.8%	46.6	46.8	0.2	0.5%
75.0%	46.6	46.7	0.1	0.2%
76.3%	46.4	46.6	0.3	0.6%
77.5%	46.3	46.6	0.2	0.5%
78.8%	46.3	46.5	0.2	0.5%
80.0%	46.3	46.4	0.2	0.4%
81.3%	46.2	46.4	0.2	0.4%
82.5%	46.2	46.4	0.2	0.4%
83.8%	46.1	46.3	0.2	0.4%
85.0%	46.1	46.3	0.2	0.4%
86.3%	46.1	46.2	0.1	0.2%
87.5%	46.0	46.2	0.1	0.2%
88.8%	46.0	46.0	0.0	0.1%
90.0%	45.9	46.0	0.1	0.1%
91.3%	45.8	45.8	0.0	0.0%
92.5%	45.8	45.7	-0.1	-0.2%
93.8%	45.4	45.6	0.2	0.4%
95.0%	45.4	45.5	0.1	0.3%
96.3%	45.3	45.4	0.1	0.2%
97.5%	45.3	45.4	0.1	0.2%
98.8%	45.2	45.3	0.1	0.2%
100.0%	44.5	44.6	0.1	0.1%

Table SQ-39-1b

American River below Nimbus Dam, Monthly Temperature
Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	51.0	50.8	-0.2	-0.4%
1.3%	50.8	50.7	-0.1	-0.1%
2.5%	50.4	50.5	0.1	0.1%
3.8%	50.4	50.5	0.1	0.2%
5.0%	50.2	50.4	0.2	0.4%
6.3%	50.2	50.3	0.1	0.2%
7.5%	50.1	50.3	0.2	0.3%
8.8%	49.9	50.1	0.3	0.6%
10.0%	49.8	50.1	0.3	0.5%
11.3%	49.7	50.0	0.3	0.5%
12.5%	49.7	49.9	0.2	0.4%
13.8%	49.7	49.9	0.2	0.4%
15.0%	49.7	49.9	0.3	0.5%
16.3%	49.6	49.9	0.2	0.5%
17.5%	49.6	49.8	0.2	0.5%
18.8%	49.6	49.8	0.2	0.4%
20.0%	49.5	49.7	0.2	0.4%
21.3%	49.2	49.5	0.2	0.4%
22.5%	49.2	49.3	0.1	0.2%
23.8%	49.2	49.2	0.0	0.1%
25.0%	49.2	49.2	0.1	0.2%
26.3%	49.1	49.2	0.1	0.2%
27.5%	49.1	49.1	0.0	0.1%
28.8%	49.1	49.1	0.0	0.1%
30.0%	49.0	49.0	0.0	0.0%
31.3%	49.0	48.9	0.0	-0.1%
32.5%	48.9	48.9	0.0	0.0%
33.8%	48.9	48.9	0.0	0.0%
35.0%	48.8	48.8	0.0	0.0%
36.3%	48.7	48.8	0.1	0.2%
37.5%	48.6	48.8	0.1	0.3%
38.8%	48.6	48.7	0.0	0.0%
40.0%	48.6	48.6	0.0	0.1%
41.3%	48.6	48.6	0.0	-0.1%
42.5%	48.5	48.5	0.0	-0.1%
43.8%	48.5	48.5	0.0	0.0%
45.0%	48.5	48.5	0.0	0.1%
46.3%	48.4	48.5	0.0	0.1%
47.5%	48.4	48.4	0.0	0.1%
48.8%	48.4	48.4	0.0	0.0%
50.0%	48.4	48.4	0.0	0.1%
51.3%	48.4	48.3	0.0	-0.1%
52.5%	48.3	48.3	0.0	-0.1%
53.8%	48.3	48.2	-0.1	-0.3%
55.0%	48.3	48.1	-0.2	-0.3%
56.3%	48.2	48.1	-0.1	-0.2%
57.5%	48.1	48.1	0.0	0.0%
58.8%	48.0	48.0	0.0	0.0%
60.0%	48.0	47.9	-0.1	-0.2%
61.3%	48.0	47.9	-0.1	-0.1%
62.5%	48.0	47.8	-0.1	-0.2%
63.8%	47.9	47.8	-0.1	-0.2%
65.0%	47.7	47.7	0.0	0.0%
66.3%	47.5	47.6	0.0	0.1%
67.5%	47.5	47.5	0.0	0.0%
68.8%	47.5	47.5	0.0	0.0%
70.0%	47.4	47.5	0.1	0.2%
71.3%	47.4	47.5	0.0	0.1%
72.5%	47.3	47.4	0.1	0.1%
73.8%	47.3	47.3	0.0	0.0%
75.0%	47.3	47.3	0.0	0.0%
76.3%	47.3	47.3	0.0	0.0%
77.5%	47.1	47.2	0.1	0.3%
78.8%	47.1	47.1	0.0	0.0%
80.0%	47.0	47.0	0.0	0.0%
81.3%	47.0	47.0	0.0	0.0%
82.5%	46.8	46.8	0.0	0.0%
83.8%	46.8	46.8	0.1	0.1%
85.0%	46.7	46.7	0.0	0.1%
86.3%	46.7	46.7	0.0	0.0%
87.5%	46.5	46.6	0.1	0.2%
88.8%	46.4	46.5	0.1	0.3%
90.0%	46.3	46.3	0.0	0.0%
91.3%	46.3	46.3	0.1	0.1%
92.5%	46.1	46.2	0.0	0.1%
93.8%	46.0	46.1	0.1	0.2%
95.0%	45.8	45.8	0.0	0.0%
96.3%	45.8	45.5	-0.4	-0.8%
97.5%	45.5	45.4	-0.1	-0.3%
98.8%	45.2	45.3	0.1	0.2%
100.0%	45.1	45.2	0.1	0.2%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.1	55.3	1.2	2.1%
1.3%	54.1	54.7	0.6	1.1%
2.5%	54.0	54.2	0.2	0.3%
3.8%	53.3	53.3	0.1	0.2%
5.0%	53.2	53.2	0.1	0.1%
6.3%	53.0	53.0	0.0	0.1%
7.5%	52.9	53.0	0.1	0.2%
8.8%	52.8	53.0	0.2	0.3%
10.0%	52.4	52.7	0.2	0.4%
11.3%	52.3	52.5	0.1	0.3%
12.5%	52.3	52.5	0.2	0.3%
13.8%	52.3	52.3	0.0	0.1%
15.0%	52.2	52.2	0.0	0.1%
16.3%	52.1	52.1	0.0	0.0%
17.5%	52.0	52.0	0.0	0.1%
18.8%	51.9	52.0	0.0	0.1%
20.0%	51.9	51.9	0.0	-0.1%
21.3%	51.8	51.8	0.0	0.1%
22.5%	51.8	51.7	0.0	0.0%
23.8%	51.7	51.7	0.0	0.0%
25.0%	51.6	51.7	0.1	0.1%
26.3%	51.6	51.7	0.1	0.1%
27.5%	51.5	51.7	0.1	0.3%
28.8%	51.5	51.6	0.2	0.3%
30.0%	51.4	51.5	0.1	0.2%
31.3%	51.3	51.4	0.1	0.2%
32.5%	51.3	51.3	0.0	0.1%
33.8%	51.3	51.3	0.1	0.2%
35.0%	51.2	51.3	0.1	0.2%
36.3%	51.2	51.3	0.1	0.2%
37.5%	51.2	51.2	0.0	-0.1%
38.8%	51.2	51.2	0.0	-0.1%
40.0%	51.2	51.1	-0.1	-0.1%
41.3%	51.0	51.1	0.1	0.2%
42.5%	51.0	51.0	0.1	0.2%
43.8%	50.9	51.0	0.1	0.2%
45.0%	50.9	50.9	0.0	0.0%
46.3%	50.8	50.9	0.1	0.2%
47.5%	50.7	50.9	0.1	0.3%
48.8%	50.6	50.8	0.2	0.4%
50.0%	50.6	50.7	0.1	0.2%
51.3%	50.6	50.7	0.1	0.2%
52.5%	50.6	50.7	0.1	0.2%
53.8%	50.5	50.6	0.2	0.3%
55.0%	50.4	50.5	0.1	0.2%
56.3%	50.4	50.4	0.1	0.1%
57.5%	50.3	50.4	0.1	0.2%
58.8%	50.3	50.4	0.1	0.2%
60.0%	50.3	50.3	0.0	0.1%
61.3%	50.2	50.2	0.0	0.0%
62.5%	50.2	50.2	0.0	-0.1%
63.8%	50.2	50.2	0.0	0.0%
65.0%	50.1	50.2	0.0	0.1%
66.3%	50.1	50.1	0.1	0.1%
67.5%	50.0	50.1	0.1	0.2%
68.8%	49.9	50.0	0.1	0.1%
70.0%	49.9	50.0	0.1	0.2%
71.3%	49.7	50.0	0.3	0.6%
72.5%	49.7	49.9	0.2	0.4%
73.8%	49.7	49.9	0.2	0.4%
75.0%	49.7	49.8	0.1	0.2%
76.3%	49.6	49.6	0.0	0.1%
77.5%	49.5	49.6	0.0	0.1%
78.8%	49.5	49.6	0.1	0.1%
80.0%	49.5	49.6	0.0	0.1%
81.3%	49.5	49.3	-0.1	-0.3%
82.5%	49.4	49.3	-0.1	-0.2%
83.8%	49.2	49.2	0.0	0.1%
85.0%	49.1	49.2	0.1	0.1%
86.3%	49.1	49.1	0.0	-0.1%
87.5%	49.1	49.0	-0.1	-0.1%
88.8%	49.1	49.0	-0.1	-0.2%
90.0%	49.0	48.8	-0.2	-0.4%
91.3%	48.8	48.7	-0.2	-0.3%
92.5%	48.8	48.6	-0.2	-0.3%
93.8%	48.7	48.5	-0.3	-0.5%
95.0%	48.5	48.4	0.0	0.0%
96.3%	48.3	48.4	0.1	0.1%
97.5%	48.3	48.3	0.0	0.0%
98.8%	48.2	48.3	0.1	0.2%
100.0%	48.0	48.0	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.8	60.5	0.7	1.2%
1.3%	59.1	58.4	-0.7	-1.1%
2.5%	56.9	57.1	0.3	0.5%
3.8%	56.8	57.0	0.2	0.4%
5.0%	56.7	56.7	0.0	0.1%
6.3%	56.4	56.3	-0.1	-0.1%
7.5%	56.1	56.1	0.0	-0.1%
8.8%	55.7	55.7	0.0	-0.1%
10.0%	55.5	55.6	0.2	0.3%
11.3%	55.3	55.5	0.2	0.4%
12.5%	55.3	55.3	0.0	0.0%
13.8%	55.3	55.3	0.0	0.0%
15.0%	55.3	55.3	0.1	0.1%
16.3%	55.2	55.3	0.1	0.1%
17.5%	55.2	55.3	0.1	0.2%
18.8%	55.1	55.3	0.2	0.3%
20.0%	55.0	55.2	0.2	0.4%
21.3%	54.9	55.1	0.2	0.4%
22.5%	54.8	55.1	0.3	0.6%
23.8%	54.7	55.0	0.3	0.6%
25.0%	54.7	55.0	0.4	0.7%
26.3%	54.5	55.0	0.4	0.8%
27.5%	54.5	54.9	0.4	0.7%
28.8%	54.4	54.7	0.3	0.6%
30.0%	54.3	54.6	0.3	0.5%
31.3%	54.3	54.6	0.2	0.4%
32.5%	54.3	54.4	0.1	0.2%
33.8%	54.2	54.3	0.1	0.2%
35.0%	54.2	54.3	0.0	0.0%
36.3%	54.2	54.2	0.0	0.1%
37.5%	53.9	54.2	0.4	0.7%
38.8%	53.8	54.0	0.2	0.4%
40.0%	53.8	54.0	0.2	0.4%
41.3%	53.7	53.9	0.2	0.3%
42.5%	53.5	53.8	0.3	0.5%
43.8%	53.5	53.8	0.3	0.5%
45.0%	53.5	53.6	0.1	0.2%
46.3%	53.5	53.6	0.1	0.2%
47.5%	53.5	53.6	0.1	0.2%
48.8%	53.4	53.6	0.1	0.3%
50.0%	53.4	53.5	0.1	0.3%
51.3%	53.4	53.4	0.0	0.1%
52.5%	53.3	53.4	0.1	0.2%
53.8%	53.3	53.4	0.1	0.2%
55.0%	53.2	53.3	0.1	0.1%
56.3%	53.2	53.2	0.0	0.0%
57.5%	53.1	53.2	0.1	0.2%
58.8%	53.1	53.2	0.1	0.2%
60.0%	53.0	53.2	0.1	0.3%
61.3%	53.0	53.1	0.1	0.2%
62.5%	52.9	53.0	0.1	0.2%
63.8%	52.8	52.9	0.1	0.2%
65.0%	52.8	52.9	0.1	0.1%
66.3%	52.8	52.9	0.1	0.1%
67.5%	52.7	52.7	0.0	0.1%
68.8%	52.7	52.7	0.0	0.1%
70.0%	52.7	52.7	0.0	0.1%
71.3%	52.6	52.7	0.1	0.2%
72.5%	52.5	52.7	0.1	0.2%
73.8%	52.5	52.6	0.1	0.2%
75.0%	52.5	52.5	0.1	0.1%
76.3%	52.3	52.5	0.1	0.2%
77.5%	52.3	52.4	0.2	0.3%
78.8%	52.3	52.3	0.1	0.1%
80.0%	52.2	52.3	0.1	0.2%
81.3%	52.2	52.2	0.0	0.0%
82.5%	52.2	52.1	-0.1	-0.2%
83.8%	52.1	52.1	0.0	0.0%
85.0%	52.0	51.8	-0.2	-0.4%
86.3%	51.8	51.8	-0.1	-0.1%
87.5%	51.8	51.8	0.0	0.0%
88.8%	51.7	51.6	0.0	-0.1%
90.0%	51.6	51.6	0.0	0.0%
91.3%	51.5	51.4	-0.1	-0.2%
92.5%	51.4	51.4	0.0	-0.1%
93.8%	51.3	51.4	0.1	0.2%
95.0%	51.2	51.2	0.0	0.0%
96.3%	51.2	50.9	-0.3	-0.5%
97.5%	51.0	50.8	-0.3	-0.5%
98.8%	50.9	50.7	-0.3	-0.5%
100.0%	50.6	50.5	-0.1	-0.2%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.4	64.8	-0.6	-0.8%
1.3%	65.2	64.4	-0.8	-1.2%
2.5%	63.9	62.5	-1.4	-2.2%
3.8%	61.3	60.7	-0.6	-1.0%
5.0%	60.8	60.3	-0.5	-0.9%
6.3%	60.6	60.0	-0.6	-1.0%
7.5%	59.7	59.8	0.0	0.1%
8.8%	59.5	59.2	-0.3	-0.5%
10.0%	59.4	59.0	-0.4	-0.6%
11.3%	59.3	58.9	-0.4	-0.6%
12.5%	58.6	58.7	0.2	0.3%
13.8%	58.5	58.6	0.1	0.2%
15.0%	58.3	58.5	0.3	0.5%
16.3%	58.1	58.4	0.2	0.4%
17.5%	58.1	58.2	0.1	0.2%
18.8%	57.9	58.1	0.2	0.3%
20.0%	57.8	58.0	0.1	0.2%
21.3%	57.8	57.8	0.0	0.0%
22.5%	57.4	57.8	0.5	0.8%
23.8%	57.3	57.3	0.0	0.0%
25.0%	57.2	57.3	0.0	0.1%
26.3%	57.1	57.2	0.1	0.1%
27.5%	57.1	57.1	0.0	0.0%
28.8%	57.1	57.0	-0.1	-0.1%
30.0%	57.0	57.0	-0.1	-0.1%
31.3%	56.9	56.7	-0.3	-0.4%
32.5%	56.8	56.7	-0.1	-0.2%
33.8%	56.8	56.7	-0.1	-0.2%
35.0%	56.6	56.6	0.0	0.0%
36.3%	56.4	56.5	0.1	0.2%
37.5%	56.3	56.3	-0.1	-0.1%
38.8%	56.2	55.6	-0.6	-1.1%
40.0%	55.7	55.5	-0.2	-0.3%
41.3%	55.3	55.4	0.0	0.1%
42.5%	55.2	55.4	0.2	0.4%
43.8%	55.1	55.3	0.2	0.3%
45.0%	55.1	55.2	0.1	0.3%
46.3%	55.0	55.1	0.1	0.1%
47.5%	55.0	55.1	0.1	0.1%
48.8%	54.9	55.1	0.2	0.4%
50.0%	54.8	55.0	0.1	0.2%
51.3%	54.8	54.8	0.0	0.0%
52.5%	54.7	54.8	0.1	0.2%
53.8%	54.7	54.8	0.1	0.2%
55.0%	54.7	54.8	0.1	0.1%
56.3%	54.6	54.7	0.1	0.1%
57.5%	54.5	54.7	0.1	0.2%
58.8%	54.4	54.6	0.2	0.4%
60.0%	54.4	54.6	0.2	0.4%
61.3%	54.2	54.4	0.1	0.3%
62.5%	54.1	54.3	0.2	0.4%
63.8%	54.1	54.2	0.1	0.3%
65.0%	54.0	54.2	0.2	0.4%
66.3%	54.0	54.1	0.1	0.2%
67.5%	54.0	54.1	0.1	0.2%
68.8%	53.8	54.1	0.3	0.5%
70.0%	53.8	54.1	0.3	0.5%
71.3%	53.7	54.0	0.3	0.6%
72.5%	53.7	54.0	0.4	0.7%
73.8%	53.6	54.0	0.4	0.7%
75.0%	53.6	53.8	0.2	0.3%
76.3%	53.6	53.7	0.2	0.3%
77.5%	53.5	53.7	0.1	0.2%
78.8%	53.5	53.6	0.1	0.1%
80.0%	53.5	53.6	0.1	0.1%
81.3%	53.5	53.5	0.1	0.2%
82.5%	53.4	53.4	0.0	0.0%
83.8%	53.4	53.4	0.0	0.0%
85.0%	53.3	53.4	0.2	0.3%
86.3%	53.2	53.4	0.2	0.3%
87.5%	53.0	53.2	0.2	0.3%
88.8%	52.9	52.9	0.0	0.1%
90.0%	52.8	52.8	0.0	-0.1%
91.3%	52.8	52.7	0.0	-0.1%
92.5%	52.7	52.6	-0.1	-0.2%
93.8%	52.6	52.6	0.0	0.1%
95.0%	52.5	52.5	-0.1	-0.2%
96.3%	52.3	52.2	-0.1	-0.2%
97.5%	52.2	52.1	-0.1	-0.2%
98.8%	52.1	51.5	-0.6	-1.2%
100.0%	51.4	51.3	-0.1	-0.3%

Table SQ-39-1b

American River below Nimbus Dam, Monthly Temperature
Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	69.5	69.5	-0.1	-0.1%
1.3%	67.8	68.2	0.4	0.6%
2.5%	67.2	68.0	0.8	1.2%
3.8%	66.0	66.6	0.5	0.8%
5.0%	64.6	63.1	-1.4	-2.2%
6.3%	62.8	62.0	-0.8	-1.3%
7.5%	62.4	61.7	-0.7	-1.2%
8.8%	62.0	61.3	-0.7	-1.1%
10.0%	61.7	61.1	-0.5	-0.9%
11.3%	61.2	61.0	-0.2	-0.3%
12.5%	61.0	60.8	-0.2	-0.3%
13.8%	61.0	60.8	-0.2	-0.4%
15.0%	60.9	60.8	-0.1	-0.2%
16.3%	60.8	60.8	0.0	0.0%
17.5%	60.7	60.7	0.0	0.0%
18.8%	60.7	60.7	-0.1	-0.1%
20.0%	60.6	60.6	0.0	0.1%
21.3%	60.6	60.6	0.0	0.0%
22.5%	60.5	60.4	0.0	-0.1%
23.8%	60.3	60.4	0.0	0.0%
25.0%	60.3	60.3	0.0	0.0%
26.3%	60.2	60.2	0.1	0.1%
27.5%	60.0	59.8	-0.3	-0.4%
28.8%	59.7	59.7	0.1	0.1%
30.0%	59.6	59.6	0.1	0.1%
31.3%	59.4	59.6	0.2	0.3%
32.5%	59.4	59.5	0.1	0.2%
33.8%	59.0	59.1	0.1	0.1%
35.0%	58.9	58.9	0.0	-0.1%
36.3%	58.8	58.6	-0.1	-0.2%
37.5%	58.5	58.5	0.0	0.0%
38.8%	58.5	58.4	-0.1	-0.1%
40.0%	58.3	58.2	-0.2	-0.3%
41.3%	58.3	58.1	-0.2	-0.3%
42.5%	58.2	58.0	-0.1	-0.2%
43.8%	57.9	57.9	0.0	-0.1%
45.0%	57.6	57.9	0.3	0.4%
46.3%	57.5	57.6	0.2	0.3%
47.5%	57.4	57.6	0.2	0.3%
48.8%	57.3	57.6	0.3	0.5%
50.0%	57.3	57.5	0.2	0.3%
51.3%	57.3	57.5	0.2	0.3%
52.5%	57.3	57.5	0.2	0.4%
53.8%	57.2	57.4	0.2	0.3%
55.0%	57.2	57.4	0.2	0.3%
56.3%	57.2	57.3	0.2	0.3%
57.5%	57.1	57.2	0.1	0.2%
58.8%	57.1	57.2	0.1	0.2%
60.0%	57.0	57.2	0.2	0.3%
61.3%	57.0	57.2	0.2	0.3%
62.5%	57.0	57.2	0.2	0.3%
63.8%	56.8	57.1	0.3	0.4%
65.0%	56.8	57.0	0.2	0.4%
66.3%	56.8	57.0	0.3	0.5%
67.5%	56.7	57.0	0.3	0.5%
68.8%	56.7	56.9	0.2	0.4%
70.0%	56.6	56.9	0.3	0.4%
71.3%	56.6	56.9	0.3	0.5%
72.5%	56.5	56.7	0.1	0.2%
73.8%	56.4	56.7	0.3	0.5%
75.0%	56.3	56.5	0.3	0.5%
76.3%	56.2	56.3	0.1	0.2%
77.5%	56.1	56.3	0.2	0.3%
78.8%	56.1	56.3	0.2	0.3%
80.0%	56.0	56.2	0.2	0.3%
81.3%	55.9	56.0	0.0	0.1%
82.5%	55.9	56.0	0.1	0.1%
83.8%	55.9	56.0	0.1	0.1%
85.0%	55.8	55.9	0.0	0.1%
86.3%	55.8	55.8	0.1	0.2%
87.5%	55.7	55.7	0.0	0.0%
88.8%	55.6	55.7	0.1	0.1%
90.0%	55.5	55.6	0.1	0.1%
91.3%	55.5	55.5	0.0	0.0%
92.5%	55.4	55.4	0.0	0.0%
93.8%	55.2	55.1	0.0	-0.1%
95.0%	55.1	55.1	0.0	0.0%
96.3%	54.6	54.6	0.0	0.0%
97.5%	54.2	54.0	-0.2	-0.4%
98.8%	54.1	53.9	-0.2	-0.3%
100.0%	53.6	53.9	0.3	0.5%

July				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	76.1	78.4	2.3	3.1%
1.3%	69.5	70.1	0.7	1.0%
2.5%	69.2	70.1	0.9	1.3%
3.8%	67.8	68.6	0.9	1.3%
5.0%	67.5	65.8	-1.7	-2.5%
6.3%	66.7	65.6	-1.0	-1.6%
7.5%	65.5	65.3	-0.2	-0.3%
8.8%	64.2	65.1	0.8	1.3%
10.0%	63.9	64.9	1.1	1.7%
11.3%	63.9	64.0	0.2	0.3%
12.5%	63.8	63.8	0.1	0.1%
13.8%	63.6	63.8	0.2	0.3%
15.0%	63.3	63.4	0.2	0.2%
16.3%	63.1	63.1	0.0	0.0%
17.5%	63.0	63.0	0.0	0.1%
18.8%	63.0	62.8	-0.2	-0.3%
20.0%	62.7	62.5	-0.2	-0.3%
21.3%	62.4	62.1	-0.3	-0.5%
22.5%	62.2	61.9	-0.3	-0.5%
23.8%	61.9	61.8	-0.1	-0.1%
25.0%	61.9	61.7	-0.2	-0.3%
26.3%	61.7	61.5	-0.1	-0.2%
27.5%	61.7	61.5	-0.2	-0.3%
28.8%	61.6	61.5	-0.1	-0.1%
30.0%	61.5	61.4	-0.1	-0.2%
31.3%	61.5	61.3	-0.1	-0.2%
32.5%	61.4	61.3	-0.1	-0.2%
33.8%	61.4	61.3	-0.1	-0.1%
35.0%	61.4	61.3	-0.1	-0.1%
36.3%	61.4	61.3	-0.1	-0.1%
37.5%	61.3	61.3	0.0	-0.1%
38.8%	61.3	61.0	-0.3	-0.5%
40.0%	61.3	61.0	-0.3	-0.5%
41.3%	61.3	60.9	-0.4	-0.6%
42.5%	61.2	60.9	-0.3	-0.5%
43.8%	61.2	60.8	-0.3	-0.6%
45.0%	61.1	60.8	-0.3	-0.5%
46.3%	61.0	60.7	-0.3	-0.6%
47.5%	61.0	60.6	-0.4	-0.7%
48.8%	61.0	60.5	-0.4	-0.7%
50.0%	61.0	60.5	-0.4	-0.7%
51.3%	60.9	60.5	-0.4	-0.6%
52.5%	60.8	60.5	-0.3	-0.5%
53.8%	60.6	60.5	-0.1	-0.2%
55.0%	60.5	60.4	-0.1	-0.2%
56.3%	60.3	60.4	0.1	0.1%
57.5%	60.3	60.3	0.0	0.0%
58.8%	60.3	60.3	0.0	0.0%
60.0%	60.2	60.2	0.0	0.0%
61.3%	60.1	60.2	0.1	0.2%
62.5%	60.0	60.2	0.1	0.2%
63.8%	60.0	60.1	0.1	0.2%
65.0%	60.0	60.1	0.1	0.2%
66.3%	59.9	60.0	0.1	0.1%
67.5%	59.9	60.0	0.1	0.1%
68.8%	59.9	60.0	0.1	0.1%
70.0%	59.9	59.9	0.0	0.1%
71.3%	59.8	59.9	0.0	0.1%
72.5%	59.8	59.8	0.0	0.1%
73.8%	59.7	59.8	0.1	0.1%
75.0%	59.7	59.8	0.1	0.1%
76.3%	59.7	59.6	-0.1	-0.2%
77.5%	59.6	59.6	0.0	0.0%
78.8%	59.4	59.4	0.0	0.0%
80.0%	59.3	59.3	0.0	0.0%
81.3%	59.3	59.3	-0.1	-0.2%
82.5%	59.3	59.2	-0.1	-0.2%
83.8%	59.3	59.2	-0.1	-0.2%
85.0%	59.2	59.1	-0.1	-0.2%
86.3%	59.1	59.1	0.0	-0.1%
87.5%	59.1	59.0	-0.1	-0.1%
88.8%	59.0	59.0	-0.1	-0.1%
90.0%	59.0	58.9	-0.1	-0.1%
91.3%	59.0	58.9	-0.1	-0.1%
92.5%	58.7	58.6	-0.1	-0.2%
93.8%	58.6	58.5	0.0	-0.1%
95.0%	58.4	58.3	-0.1	-0.1%
96.3%	57.7	57.7	0.0	-0.1%
97.5%	57.5	57.6	0.0	0.1%
98.8%	56.8	56.8	-0.1	-0.1%
100.0%	56.3	56.6	0.3	0.6%

August				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	76.7	75.6	-1.1	-1.5%
1.3%	72.8	70.4	-2.4	-3.3%
2.5%	71.4	70.0	-1.4	-2.0%
3.8%	68.7	68.2	-0.5	-0.8%
5.0%	68.3	66.7	-1.6	-2.3%
6.3%	67.8	66.7	-1.2	-1.7%
7.5%	65.7	66.6	0.9	1.4%
8.8%	65.5	65.8	0.3	0.5%
10.0%	65.2	65.4	0.2	0.2%
11.3%	65.0	64.3	-0.7	-1.0%
12.5%	64.2	64.1	-0.1	-0.1%
13.8%	64.0	63.9	-0.1	-0.1%
15.0%	63.9	63.7	-0.2	-0.3%
16.3%	63.8	63.6	-0.2	-0.3%
17.5%	63.8	63.4	-0.4	-0.6%
18.8%	63.6	63.4	-0.2	-0.4%
20.0%	63.4	63.4	0.0	0.0%
21.3%	63.3	63.3	0.0	0.0%
22.5%	63.1	63.3	0.2	0.3%
23.8%	63.0	63.3	0.3	0.4%
25.0%	63.0	62.9	-0.1	-0.1%
26.3%	62.9	62.8	-0.1	-0.2%
27.5%	62.7	62.8	0.0	0.1%
28.8%	62.7	62.6	-0.1	-0.2%
30.0%	62.7	62.5	-0.1	-0.2%
31.3%	62.6	62.4	-0.2	-0.4%
32.5%	62.4	62.4	0.0	0.0%
33.8%	62.4	62.4	0.0	0.0%
35.0%	62.3	62.3	0.0	0.0%
36.3%	62.3	62.3	0.0	0.0%
37.5%	62.1	62.3	0.2	0.3%
38.8%	62.1	62.2	0.1	0.1%
40.0%	62.0	62.2	0.2	0.3%
41.3%	62.0	62.1	0.2	0.3%
42.5%	61.9	62.1	0.2	0.3%
43.8%	61.9	62.1	0.2	0.3%
45.0%	61.9	62.0	0.1	0.2%
46.3%	61.9	61.9	0.0	0.1%
47.5%	61.8	61.9	0.1	0.1%
48.8%	61.8	61.9	0.1	0.1%
50.0%	61.8	61.7	-0.1	-0.2%
51.3%	61.8	61.6	-0.1	-0.2%
52.5%	61.8	61.6	-0.2	-0.3%
53.8%	61.5	61.6	0.0	0.0%
55.0%	61.5	61.6	0.0	0.0%
56.3%	61.4	61.6	0.1	0.2%
57.5%	61.4	61.4	0.0	0.0%
58.8%	61.3	61.3	-0.1	-0.1%
60.0%	61.3	61.2	-0.1	-0.2%
61.3%	61.3	61.1	-0.2	-0.3%
62.5%	61.2	60.9	-0.3	-0.5%
63.8%	61.2	60.9	-0.3	-0.5%
65.0%	61.2	60.8	-0.3	-0.6%
66.3%	61.1	60.8	-0.3	-0.6%
67.5%	61.1	60.8	-0.3	-0.6%
68.8%	61.1	60.7	-0.4	-0.6%
70.0%	60.9	60.7	-0.3	-0.4%
71.3%	60.8	60.6	-0.2	-0.3%
72.5%	60.7	60.6	0.0	-0.1%
73.8%	60.7	60.6	-0.1	-0.1%
75.0%	60.6	60.5	-0.1	-0.2%
76.3%	60.6	60.3	-0.3	-0.4%
77.5%	60.6	60.3	-0.3	-0.5%
78.8%	60.5	60.2	-0.3	-0.4%
80.0%	60.4	60.0	-0.4	-0.7%
81.3%	60.2	60.0	-0.3	-0.4%
82.5%	60.1	59.9	-0.2	-0.3%
83.8%	60.0	59.9	-0.1	-0.2%
85.0%	59.9	59.9	0.0	0.0%
86.3%	59.8	59.8	0.0	0.0%
87.5%	59.8	59.8	0.0	0.0%
88.8%	59.6	59.8	0.2	0.3%
90.0%	59.5	59.8	0.2	0.4%
91.3%	59.5	59.8	0.3	0.4%
92.5%	59.5	59.7	0.2	0.4%
93.8%	59.4	59.7	0.3	0.5%
95.0%	59.2	59.7	0.5	0.8%
96.3%	58.9	59.7	0.8	1.3%
97.5%	58.8	59.6	0.8	1.4%
98.8%	58.8	59.6	0.9	1.4%
100.0%	58.7	59.4	0.7	1.2%

September				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	72.5	72.0	-0.5	-0.7%
1.3%	71.5	71.4	0.0	0.0%
2.5%	70.8	69.0	-1.8	-2.6%
3.8%	68.7	68.4	-0.3	-0.4%
5.0%	67.5	68.4	0.9	1.3%
6.3%	67.4	66.3	-1.1	-1.6%
7.5%	66.4	66.1	-0.4	-0.5%
8.8%	66.3	65.1	-1.2	-1.8%
10.0%	66.2	65.1	-1.2	-1.8%
11.3%	65.5	65.0	-0.4	-0.7%
12.5%	65.0	64.9	-0.1	-0.1%
13.8%	64.9	64.8	-0.1	-0.2%
15.0%	64.6	64.6	0.1	0.1%
16.3%	64.2	64.5	0.3	0.5%
17.5%	63.3	64.0	0.7	1.1%
18.8%	63.3	63.8	0.5	0.9%
20.0%	63.1	63.2	0.1	0.2%
21.3%	63.0	63.2	0.2	0.3%
22.5%	63.0	62.9	-0.1	-0.1%
23.8%	62.8	62.9	0.1	0.1%
25.0%	62.8	62.6	-0.2	-0.3%
26.3%	62.7	62.5	-0.2	-0.4%
27.5%	62.6	62.5	-0.1	-0.2%
28.8%	62.5	62.5	0.0	0.0%
30.0%	62.4	62.4	0.0	-0.1%
31.3%	62.3	62.4	0.0	0.1%
32.5%	62.3	62.4	0.0	0.1%
33.8%	62.2	62.4	0.1	0.2%
35.0%	62.2	62.3	0.2	0.3%
36.3%	62.1	62.3	0.2	0.3%
37.5%	62.1	62.3	0.2	0.3%
38.8%	62.1	62.3	0.2	0.3%
40.0%	62.1	62.2	0.2	0.3%
41.3%	61.9	62.1	0.2	0.3%
42.5%	61.9	62.1	0.2	0.3%
43.8%	61.9	62.0	0.2	0.3%
45.0%	61.8	61.9	0.1	0.1%
46.3%	61.8	61.9	0.1	0.1%
47.5%	61.7	61.9	0.1	0.2%
48.8%	61.7	61.9	0.1	0.2%
50.0%	61.7	61.8	0.1	0.1%
51.3%	61.7	61.7	0.1	0.1%
52.5%	61.6	61.7	0.1	0.1%
53.8%	61.5	61.6	0.1	0.2%
55.0%	61.5	61.6	0.1	0.2%
56.3%	61.5	61.5	0.0	0.0%
57.5%	61.5	61.4	-0.1	-0.1%
58.8%	61.5	61.3	-0.2	-0.3%
60.0%	61.4	61.3	-0.1	-0.2%
61.3%	61.4	61.2	-0.2	-0.4%
62.5%	61.2	61.2	0.0	-0.1%
63.8%	61.1	61.0	-0.1	-0.1%
65.0%	61.0	61.0	-0.1	-0.2%
66.3%	60.9	60.9	0.0	0.0%
67.5%	60.7	60.8	0.1	0.1%
68.8%	60.7	60.8	0.1	0.2%
70.0%	60.7	60.7	0.0	0.1%
71.3%	60.6	60.6	0.0	-0.1%
72.5%	60.6	60.5	-0.1	-0.2%
73.8%	60.6	60.4	-0.2	-0.3%
75.0%	60.6	60.4	-0.2	-0.3%
76.3%	60.6	60.3	-0.3	-0.5%
77.5%	60.5	60.3	-0.3	-0.4%
78.8%	60.3	60.2	-0.1	-0.2%
80.0%	60.3	60.2	-0.1	-0.2%
81.3%	60.3	60.2	-0.1	-0.2%
82.5%	60.2	60.1	-0.1	-0.1%
83.8%	60.2	60.0	-0.2	-0.3%
85.0%	60.1	59.9	-0.2	-0.3%
86.3%	60.0	59.8	-0.2	-0.3%
87.5%	60.0	59.8	-0.2	-0.4%
88.8%	60.0	59.8	-0.3	-0.4%
90.0%	60.0	59.7	-0.3	-0.4%
91.3%	59.7	59.7	-0.1	-0.1%
92.5%	59.7	59.6	-0.1	-0.2%
93.8%	59.5	59.4	0.0	-0.1%
95.0%	59.4	59.3	-0.1	-0.2%
96.3%	59.4	59.3	-0.1	-0.1%
97.5%	59.4	58.9	-0.5	-0.8%
98.8%	58.9	58.8	0.0	-0.1%
100.0%	58.0	58.1	0.2	0.3%

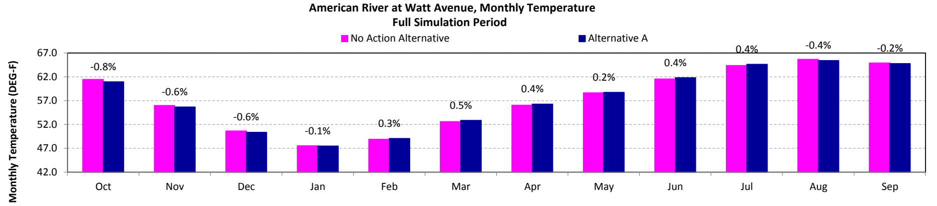
Table SQ-40-1a
American River at Watt Avenue, Monthly Temperature
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Temperature (DEG-F) Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period[1]												
No Action Alternative	61.4	56.0	50.7	47.5	48.9	52.6	56.0	58.6	61.6	64.4	65.7	64.9
Alternative A	61.0	55.7	50.4	47.5	49.0	52.9	56.3	58.7	61.8	64.6	65.4	64.8
Difference	-0.5	-0.3	-0.3	-0.1	0.2	0.3	0.2	0.1	0.2	0.2	-0.3	-0.1
Percent Difference[3]	-0.8%	-0.6%	-0.6%	-0.1%	0.3%	0.5%	0.4%	0.2%	0.4%	0.4%	-0.4%	-0.2%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	60.1	56.1	51.4	47.8	48.6	51.4	54.4	55.8	58.6	62.6	63.7	63.1
Alternative A	59.7	56.1	51.2	47.8	48.6	51.5	54.3	55.7	58.7	62.7	63.7	63.3
Difference	-0.4	-0.1	-0.2	0.0	0.0	0.1	0.0	0.0	0.1	0.2	0.0	0.1
Percent Difference	-0.6%	-0.2%	-0.4%	0.0%	0.1%	0.2%	-0.1%	-0.1%	0.1%	0.3%	0.0%	0.2%
Above Normal (15%)												
No Action Alternative	60.2	55.5	50.5	47.8	48.4	51.6	55.1	57.4	60.4	63.2	64.4	63.5
Alternative A	59.8	55.4	50.4	47.7	48.5	52.0	55.4	57.6	60.9	63.5	64.2	63.6
Difference	-0.5	-0.1	-0.1	-0.1	0.1	0.4	0.3	0.2	0.4	0.3	-0.2	0.1
Percent Difference	-0.8%	-0.1%	-0.2%	-0.1%	0.2%	0.8%	0.6%	0.4%	0.7%	0.5%	-0.3%	0.1%
Below Normal (17%)												
No Action Alternative	60.8	56.2	51.1	47.3	48.3	52.6	56.1	58.3	61.3	63.5	64.9	64.1
Alternative A	60.7	56.0	50.9	47.2	48.4	52.9	56.2	58.4	61.6	63.8	64.5	63.9
Difference	-0.1	-0.2	-0.2	-0.2	0.1	0.3	0.1	0.1	0.4	0.3	-0.4	-0.2
Percent Difference	-0.1%	-0.3%	-0.4%	-0.4%	0.2%	0.6%	0.1%	0.2%	0.6%	0.5%	-0.6%	-0.4%
Dry (22%)												
No Action Alternative	62.6	55.9	50.4	47.4	49.5	53.4	57.1	60.5	63.0	64.9	66.2	65.6
Alternative A	61.7	55.4	50.2	47.3	49.6	53.5	57.5	60.8	63.3	64.8	66.0	65.3
Difference	-0.9	-0.4	-0.2	-0.1	0.1	0.1	0.3	0.3	0.3	0.0	-0.3	-0.2
Percent Difference	-1.4%	-0.8%	-0.5%	-0.3%	0.3%	0.3%	0.6%	0.5%	0.5%	0.0%	-0.4%	-0.4%
Critical (15%)												
No Action Alternative	64.6	56.0	49.0	47.2	49.9	54.9	58.9	63.7	67.2	69.7	71.4	70.0
Alternative A	63.9	55.0	48.2	47.2	50.5	55.6	59.6	63.7	67.3	70.3	70.6	69.4
Difference	-0.7	-1.0	-0.8	0.0	0.5	0.7	0.7	0.0	0.1	0.6	-0.8	-0.5
Percent Difference	-1.1%	-1.8%	-1.6%	-0.1%	1.1%	1.2%	1.2%	0.0%	0.1%	0.8%	-1.1%	-0.7%

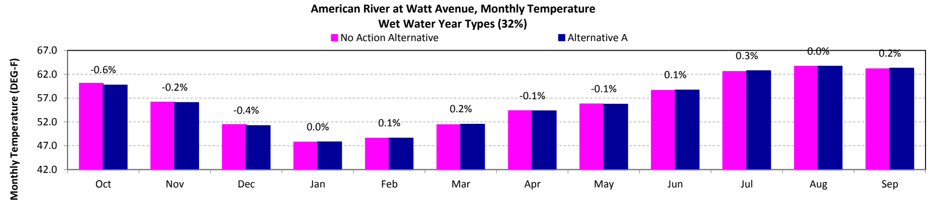
1 Based on the 82-year simulation period

2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

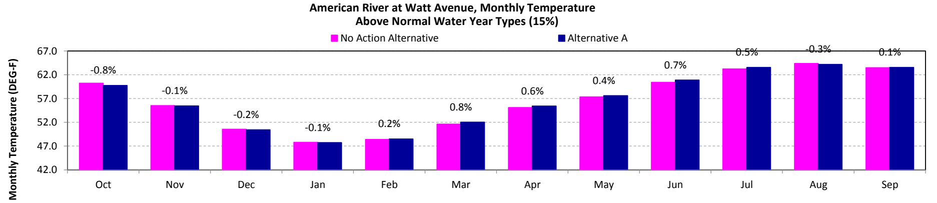
3 Relative difference of the monthly average



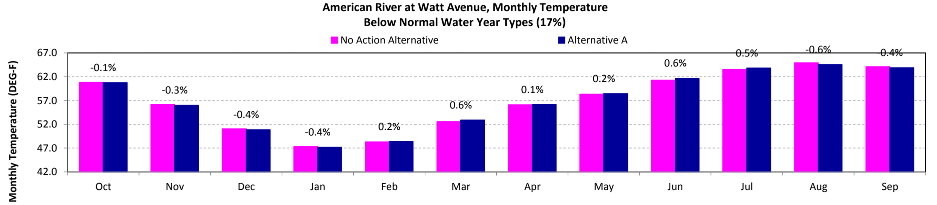
American River at Watt Avenue, Monthly Temperature
Full Simulation Period



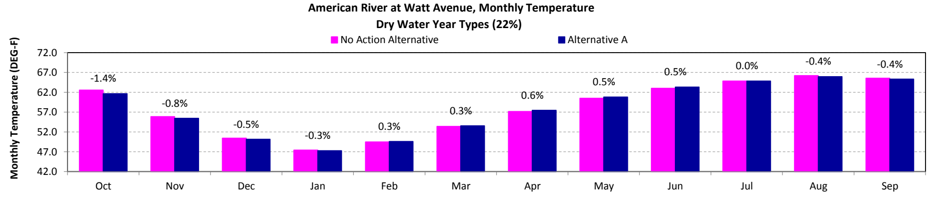
American River at Watt Avenue, Monthly Temperature
Wet Water Year Types (32%)



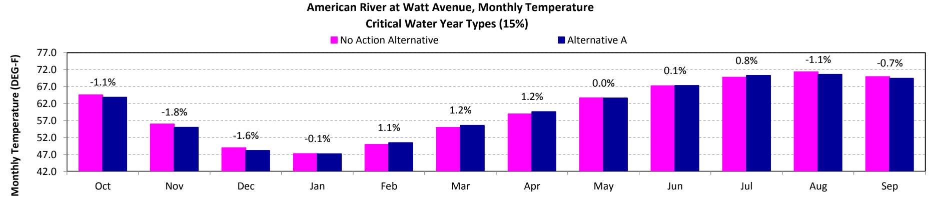
American River at Watt Avenue, Monthly Temperature
Above Normal Water Year Types (15%)



American River at Watt Avenue, Monthly Temperature
Below Normal Water Year Types (17%)



American River at Watt Avenue, Monthly Temperature
Dry Water Year Types (22%)



American River at Watt Avenue, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-40-1b
American River at Watt Avenue, Monthly Temperature
Probability of Exceedance

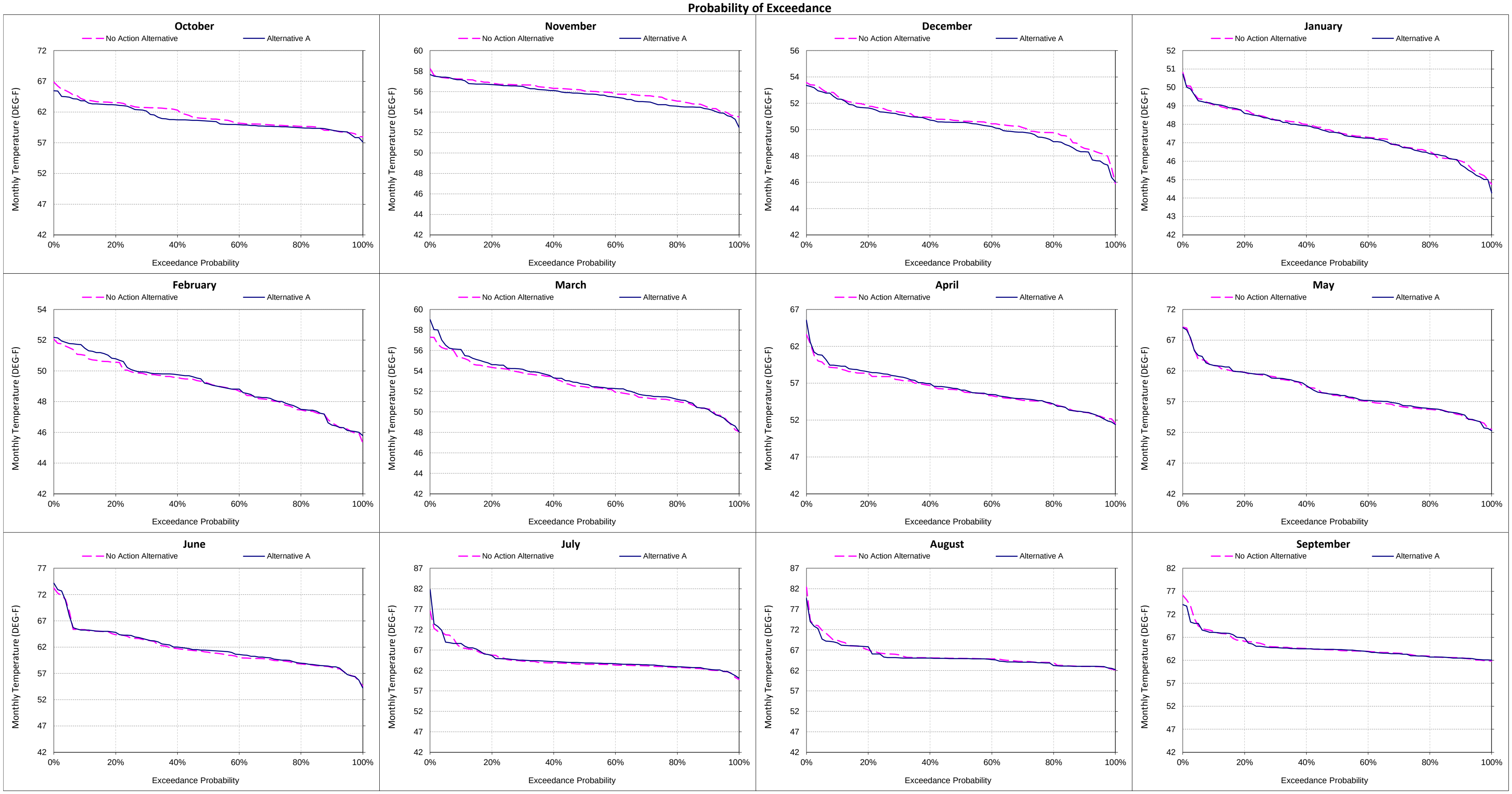


Table SQ-40-1b

American River at Watt Avenue, Monthly Temperature
Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.9	65.5	-1.4	-2.1%
1.3%	66.2	65.4	-0.8	-1.3%
2.5%	65.7	64.6	-1.2	-1.8%
3.8%	65.5	64.5	-1.0	-1.6%
5.0%	65.2	64.4	-0.8	-1.2%
6.3%	64.8	64.2	-0.6	-1.0%
7.5%	64.7	64.1	-0.5	-0.8%
8.8%	64.2	63.8	-0.4	-0.6%
10.0%	64.0	63.8	-0.2	-0.2%
11.3%	63.9	63.4	-0.5	-0.8%
12.5%	63.8	63.3	-0.5	-0.7%
13.8%	63.7	63.3	-0.4	-0.6%
15.0%	63.7	63.3	-0.4	-0.5%
16.3%	63.6	63.3	-0.4	-0.6%
17.5%	63.6	63.2	-0.4	-0.7%
18.8%	63.5	63.2	-0.4	-0.6%
20.0%	63.5	63.2	-0.4	-0.6%
21.3%	63.5	63.1	-0.4	-0.7%
22.5%	63.4	63.0	-0.4	-0.6%
23.8%	63.1	63.0	-0.2	-0.3%
25.0%	63.0	62.7	-0.3	-0.5%
26.3%	62.8	62.4	-0.4	-0.7%
27.5%	62.8	62.4	-0.4	-0.6%
28.8%	62.8	62.3	-0.4	-0.7%
30.0%	62.7	62.2	-0.6	-0.9%
31.3%	62.7	61.6	-1.1	-1.7%
32.5%	62.7	61.5	-1.2	-1.9%
33.8%	62.7	61.1	-1.5	-2.4%
35.0%	62.6	61.0	-1.7	-2.7%
36.3%	62.6	60.9	-1.7	-2.7%
37.5%	62.5	60.8	-1.8	-2.9%
38.8%	62.5	60.8	-1.7	-2.7%
40.0%	62.3	60.7	-1.6	-2.5%
41.3%	61.8	60.7	-1.1	-1.7%
42.5%	61.6	60.7	-0.9	-1.5%
43.8%	61.5	60.7	-0.8	-1.3%
45.0%	61.2	60.6	-0.5	-0.9%
46.3%	61.1	60.6	-0.4	-0.7%
47.5%	61.0	60.6	-0.4	-0.7%
48.8%	61.0	60.6	-0.4	-0.6%
50.0%	60.9	60.5	-0.4	-0.7%
51.3%	60.9	60.5	-0.4	-0.6%
52.5%	60.8	60.4	-0.4	-0.7%
53.8%	60.8	60.1	-0.7	-1.2%
55.0%	60.7	60.0	-0.7	-1.2%
56.3%	60.7	60.0	-0.7	-1.1%
57.5%	60.5	60.0	-0.5	-0.8%
58.8%	60.2	60.0	-0.3	-0.4%
60.0%	60.2	59.9	-0.3	-0.4%
61.3%	60.1	59.9	-0.2	-0.4%
62.5%	60.0	59.9	-0.2	-0.3%
63.8%	60.0	59.8	-0.2	-0.4%
65.0%	60.0	59.8	-0.3	-0.4%
66.3%	60.0	59.7	-0.3	-0.5%
67.5%	60.0	59.7	-0.3	-0.5%
68.8%	60.0	59.7	-0.3	-0.5%
70.0%	59.9	59.7	-0.2	-0.4%
71.3%	59.9	59.7	-0.2	-0.4%
72.5%	59.8	59.6	-0.2	-0.4%
73.8%	59.8	59.6	-0.2	-0.4%
75.0%	59.8	59.6	-0.2	-0.3%
76.3%	59.8	59.6	-0.2	-0.3%
77.5%	59.8	59.5	-0.2	-0.4%
78.8%	59.7	59.5	-0.2	-0.4%
80.0%	59.7	59.4	-0.2	-0.4%
81.3%	59.7	59.4	-0.2	-0.4%
82.5%	59.6	59.4	-0.3	-0.4%
83.8%	59.6	59.3	-0.3	-0.5%
85.0%	59.6	59.3	-0.2	-0.4%
86.3%	59.3	59.3	0.0	0.0%
87.5%	59.0	59.3	0.3	0.4%
88.8%	59.0	59.2	0.2	0.3%
90.0%	59.0	59.0	0.1	0.1%
91.3%	58.9	58.9	0.0	0.0%
92.5%	58.8	58.8	0.1	0.1%
93.8%	58.7	58.8	0.1	0.1%
95.0%	58.6	58.8	0.1	0.2%
96.3%	58.6	58.3	-0.3	-0.5%
97.5%	58.5	57.8	-0.6	-1.1%
98.8%	58.0	57.8	-0.2	-0.3%
100.0%	58.0	57.1	-0.8	-1.4%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	58.2	57.7	-0.6	-1.0%
1.3%	57.6	57.5	-0.1	-0.1%
2.5%	57.5	57.5	0.0	0.0%
3.8%	57.4	57.4	0.0	0.1%
5.0%	57.3	57.4	0.1	0.1%
6.3%	57.3	57.4	0.1	0.1%
7.5%	57.3	57.2	0.0	0.0%
8.8%	57.2	57.2	-0.1	-0.1%
10.0%	57.2	57.2	-0.1	-0.1%
11.3%	57.2	57.1	-0.1	-0.2%
12.5%	57.2	56.8	-0.4	-0.6%
13.8%	57.1	56.8	-0.4	-0.7%
15.0%	57.0	56.7	-0.3	-0.5%
16.3%	57.0	56.7	-0.3	-0.5%
17.5%	56.9	56.7	-0.2	-0.4%
18.8%	56.9	56.7	-0.2	-0.4%
20.0%	56.8	56.7	-0.1	-0.2%
21.3%	56.8	56.7	-0.1	-0.2%
22.5%	56.7	56.6	-0.1	-0.1%
23.8%	56.7	56.6	-0.1	-0.2%
25.0%	56.7	56.6	-0.1	-0.2%
26.3%	56.7	56.5	-0.1	-0.2%
27.5%	56.7	56.5	-0.1	-0.2%
28.8%	56.7	56.5	-0.1	-0.2%
30.0%	56.7	56.5	-0.1	-0.2%
31.3%	56.6	56.4	-0.3	-0.5%
32.5%	56.6	56.3	-0.4	-0.6%
33.8%	56.6	56.3	-0.3	-0.6%
35.0%	56.5	56.2	-0.3	-0.5%
36.3%	56.4	56.2	-0.3	-0.5%
37.5%	56.4	56.2	-0.3	-0.4%
38.8%	56.4	56.1	-0.3	-0.5%
40.0%	56.3	56.1	-0.2	-0.4%
41.3%	56.3	56.0	-0.3	-0.5%
42.5%	56.3	55.9	-0.4	-0.6%
43.8%	56.3	55.9	-0.4	-0.6%
45.0%	56.2	55.9	-0.4	-0.6%
46.3%	56.2	55.9	-0.3	-0.6%
47.5%	56.2	55.8	-0.3	-0.6%
48.8%	56.2	55.8	-0.3	-0.6%
50.0%	56.0	55.8	-0.3	-0.5%
51.3%	56.0	55.8	-0.3	-0.5%
52.5%	56.0	55.7	-0.3	-0.5%
53.8%	56.0	55.7	-0.3	-0.5%
55.0%	56.0	55.7	-0.3	-0.5%
56.3%	56.0	55.7	-0.3	-0.5%
57.5%	55.9	55.5	-0.4	-0.8%
58.8%	55.9	55.5	-0.4	-0.7%
60.0%	55.8	55.5	-0.3	-0.5%
61.3%	55.7	55.4	-0.3	-0.6%
62.5%	55.7	55.4	-0.4	-0.7%
63.8%	55.7	55.2	-0.5	-0.9%
65.0%	55.7	55.2	-0.5	-0.9%
66.3%	55.7	55.1	-0.6	-1.1%
67.5%	55.6	55.0	-0.6	-1.1%
68.8%	55.6	55.0	-0.6	-1.1%
70.0%	55.6	55.0	-0.6	-1.1%
71.3%	55.6	55.0	-0.6	-1.1%
72.5%	55.5	54.8	-0.7	-1.2%
73.8%	55.5	54.7	-0.8	-1.4%
75.0%	55.5	54.7	-0.7	-1.3%
76.3%	55.3	54.7	-0.5	-1.0%
77.5%	55.2	54.6	-0.6	-1.1%
78.8%	55.1	54.6	-0.5	-1.0%
80.0%	55.1	54.6	-0.5	-0.9%
81.3%	55.1	54.5	-0.6	-1.0%
82.5%	55.0	54.5	-0.5	-0.8%
83.8%	54.9	54.5	-0.4	-0.7%
85.0%	54.8	54.5	-0.3	-0.5%
86.3%	54.8	54.5	-0.3	-0.6%
87.5%	54.8	54.5	-0.3	-0.5%
88.8%	54.6	54.3	-0.3	-0.5%
90.0%	54.5	54.3	-0.2	-0.3%
91.3%	54.3	54.2	-0.2	-0.3%
92.5%	54.3	54.0	-0.3	-0.5%
93.8%	54.1	53.9	-0.2	-0.3%
95.0%	54.1	53.9	-0.2	-0.3%
96.3%	53.9	53.6	-0.3	-0.5%
97.5%	53.7	53.5	-0.1	-0.2%
98.8%	53.6	53.3	-0.4	-0.7%
100.0%	53.5	52.5	-1.0	-1.9%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.6	53.3	-0.2	-0.4%
1.3%	53.4	53.3	-0.1	-0.2%
2.5%	53.4	53.2	-0.2	-0.4%
3.8%	53.3	53.0	-0.3	-0.7%
5.0%	53.1	52.9	-0.2	-0.3%
6.3%	52.9	52.8	-0.1	-0.2%
7.5%	52.8	52.8	-0.1	-0.1%
8.8%	52.8	52.5	-0.3	-0.6%
10.0%	52.5	52.3	-0.2	-0.4%
11.3%	52.3	52.3	0.0	-0.1%
12.5%	52.2	52.2	-0.1	-0.1%
13.8%	52.1	51.9	-0.2	-0.4%
15.0%	52.1	51.9	-0.2	-0.4%
16.3%	52.0	51.7	-0.3	-0.5%
17.5%	52.0	51.7	-0.3	-0.6%
18.8%	51.9	51.7	-0.2	-0.5%
20.0%	51.8	51.6	-0.1	-0.3%
21.3%	51.8	51.6	-0.2	-0.3%
22.5%	51.7	51.5	-0.2	-0.4%
23.8%	51.6	51.3	-0.3	-0.6%
25.0%	51.6	51.3	-0.3	-0.5%
26.3%	51.5	51.3	-0.2	-0.3%
27.5%	51.4	51.3	-0.2	-0.3%
28.8%	51.4	51.2	-0.2	-0.4%
30.0%	51.3	51.1	-0.2	-0.4%
31.3%	51.3	51.1	-0.2	-0.4%
32.5%	51.2	51.0	-0.2	-0.3%
33.8%	51.2	51.0	-0.2	-0.4%
35.0%	51.0	51.0	0.0	-0.1%
36.3%	51.0	50.9	0.0	-0.1%
37.5%	51.0	50.9	0.0	-0.1%
38.8%	51.0	50.8	-0.1	-0.3%
40.0%	50.9	50.7	-0.2	-0.4%
41.3%	50.8	50.7	-0.1	-0.2%
42.5%	50.8	50.6	-0.2	-0.4%
43.8%	50.8	50.6	-0.2	-0.4%
45.0%	50.8	50.6	-0.2	-0.4%
46.3%	50.8	50.6	-0.2	-0.4%
47.5%	50.7	50.5	-0.2	-0.3%
48.8%	50.7	50.5	-0.1	-0.3%
50.0%	50.7	50.5	-0.1	-0.2%
51.3%	50.6	50.5	-0.1	-0.2%
52.5%	50.6	50.5	-0.1	-0.2%
53.8%	50.6	50.5	-0.2	-0.3%
55.0%	50.6	50.4	-0.2	-0.3%
56.3%	50.6	50.4	-0.2	-0.4%
57.5%	50.6	50.3	-0.3	-0.5%
58.8%	50.5	50.3	-0.2	-0.4%
60.0%	50.4	50.2	-0.2	-0.4%
61.3%	50.4	50.1	-0.3	-0.7%
62.5%	50.4	50.1	-0.3	-0.6%
63.8%	50.4	49.9	-0.4	-0.9%
65.0%	50.3	49.9	-0.4	-0.9%
66.3%	50.3	49.9	-0.4	-0.9%
67.5%	50.3	49.8	-0.4	-0.9%
68.8%	50.3	49.8	-0.4	-0.9%
70.0%	50.2	49.8	-0.4	-0.7%
71.3%	50.1	49.8	-0.3	-0.6%
72.5%	49.9	49.7	-0.2	-0.3%
73.8%	49.9	49.6	-0.2	-0.5%
75.0%	49.8	49.4	-0.4	-0.7%
76.3%	49.8	49.4	-0.4	-0.7%
77.5%	49.8	49.3	-0.4	-0.9%
78.8%	49.8	49.3	-0.5	-1.1%
80.0%	49.8	49.1	-0.7	-1.4%
81.3%	49.7	49.1	-0.6	-1.3%
82.5%	49.6	49.0	-0.5	-1.0%
83.8%	49.5	48.9	-0.7	-1.3%
85.0%	49.4	48.8	-0.7	-1.4%
86.3%	49.0	48.6	-0.4	-0.8%
87.5%	49.0	48.4	-0.6	-1.1%
88.8%	48.7	48.3	-0.4	-0.8%
90.0%	48.6	48.3	-0.3	-0.5%
91.3%	48.5	48.3	-0.2	-0.4%
92.5%	48.4	47.7	-0.7	-1.5%
93.8%	48.3	47.6	-0.7	-1.4%
95.0%	48.2	47.6	-0.6	-1.2%
96.3%	48.1	47.4	-0.7	-1.5%
97.5%	48.0	47.3	-0.7	-1.4%
98.8%	47.1	46.4	-0.7	-1.5%
100.0%	45.9	46.0	0.1	0.2%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.8	50.7	-0.1	-0.2%
1.3%	50.1	50.0	-0.1	-0.2%
2.5%	50.1	49.9	-0.2	-0.3%
3.8%	49.6	49.6	0.0	-0.1%
5.0%	49.4	49.3	-0.1	-0.2%
6.3%	49.4	49.2	-0.1	-0.3%
7.5%	49.2	49.2	0.0	-0.1%
8.8%	49.1	49.2	0.0	0.1%
10.0%	49.1	49.1	0.0	0.1%
11.3%	49.0	49.1	0.0	0.0%
12.5%	49.0	49.0	0.1	0.2%
13.8%	48.9	49.0	0.1	0.2%
15.0%	48.8	48.9	0.1	0.2%
16.3%	48.8	48.9	0.1	0.1%
17.5%	48.8	48.8	0.0	0.1%
18.8%	48.8	48.8	0.0	0.0%
20.0%	48.8	48.6	-0.2	-0.4%
21.3%	48.7	48.6	-0.2	-0.3%
22.5%	48.6	48.5	-0.1	-0.1%
23.8%	48.5	48.5	0.0	-0.1%
25.0%	48.5	48.4	0.0	-0.1%
26.3%	48.4	48.4	-0.1	-0.1%
27.5%	48.3	48.3	0.0	0.0%
28.8%	48.3	48.3	-0.1	-0.1%
30.0%	48.2	48.3	0.0	0.1%
31.3%	48.2	48.2	0.0	0.0%
32.5%	48.2	48.1	-0.1	-0.2%
33.8%	48.2	48.1	-0.1	-0.1%
35.0%	48.2	48.0	-0.1	-0.3%
36.3%	48.1	48.0	-0.1	-0.2%
37.5%	48.1	48.0	-0.2	-0.3%
38.8%	48.0	47.9	-0.1	-0.2%
40.0%	48.0	47.9	-0.1	-0.2%
41.3%	48.0	47.9	0.0	-0.1%
42.5%	47.9	47.8	-0.1	-0.2%
43.8%	47.8	47.8	-0.1	-0.1%
45.0%	47.8	47.7	-0.1	-0.3%
46.3%	47.7	47.6	-0.1	-0.1%
47.5%	47.7	47.6	-0.1	-0.3%
48.8%	47.6	47.6	0.0	-0.1%
50.0%	47.6	47.5	-0.1	-0.1%
51.3%	47.5	47.5	0.0	0.0%
52.5%	47.5	47.4	-0.1	-0.2%
53.8%	47.4	47.3	-0.1	-0.1%
55.0%	47.4	47.3	-0.1	-0.1%
56.3%	47.4	47.3	-0.1	-0.1%
57.5%	47.3	47.3	-0.1	-0.1%
58.8%	47.3	47.3	-0.1	-0.2%
60.0%	47.3	47.3	0.0	-0.1%
61.3%	47.3	47.2	0.0	-0.1%
62.5%	47.3	47.2	-0.1	-0.2%
63.8%	47.2	47.2	-0.1	-0.1%
65.0%	47.2	47.1	-0.1	-0.2%
66.3%	47.2	47.0	-0.1	-0.3%
67.5%	46.9	46.9	0.0	0.0%
68.8%	46.9	46.9	0.0	0.1%
70.0%	46.9	46.8	0.0	-0.1%
71.3%	46.8	46.7	-0.1	-0.1%
72.5%	46.7	46.7	0.0	0.0%
73.8%	46.7	46.7	0.0	-0.1%
75.0%	46.7	46.6	-0.1	-0.2%
76.3%	46.6	46.5	-0.1	-0.2%
77.5%	46.6	46.5	-0.1	-0.3%
78.8%	46.6	46.5	-0.1	-0.2%
80.0%	46.5	46.4	-0.1	-0.3%
81.3%	46.4	46.4	0.0	-0.1%
82.5%	46.2	46.4	0.2	0.4%
83.8%	46.2	46.3	0.1	0.3%
85.0%	46.2	46.3	0.1	0.3%
86.3%	46.2	46.1	0.0	0.0%
87.5%	46.1	46.1	0.0	0.0%
88.8%	46.1	46.1	0.0	0.0%
90.0%	46.0	45.8	-0.2	-0.5%
91.3%	45.9	45.7	-0.3	-0.6%
92.5%	45.8	45.5	-0.3	-0.6%
93.8%	45.5	45.4	-0.1	-0.3%
95.0%	45.4	45.2	-0.2	-0.4%
96.3%	45.3	45.1	-0.2	-0.4%
97.5%	45.2	45.0	-0.2	-0.5%
98.8%	45.0	45.0	0.0	0.0%
100.0%	44.8	44.3	-0.5	-1.1%

Table SQ-40-1b

American River at Watt Avenue, Monthly Temperature
Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	52.1	52.2	0.1	0.2%
1.3%	51.8	52.1	0.3	0.7%
2.5%	51.8	52.0	0.2	0.4%
3.8%	51.6	51.9	0.2	0.5%
5.0%	51.5	51.8	0.3	0.5%
6.3%	51.4	51.8	0.4	0.7%
7.5%	51.1	51.7	0.6	1.3%
8.8%	51.1	51.7	0.6	1.3%
10.0%	51.0	51.5	0.5	0.9%
11.3%	50.8	51.3	0.5	1.0%
12.5%	50.7	51.3	0.5	1.1%
13.8%	50.7	51.2	0.5	1.0%
15.0%	50.6	51.2	0.6	1.1%
16.3%	50.6	51.1	0.5	1.0%
17.5%	50.6	51.0	0.4	0.8%
18.8%	50.6	50.8	0.3	0.5%
20.0%	50.6	50.8	0.2	0.4%
21.3%	50.5	50.7	0.2	0.3%
22.5%	50.1	50.6	0.5	1.1%
23.8%	50.0	50.2	0.2	0.3%
25.0%	50.0	50.1	0.1	0.3%
26.3%	49.9	50.0	0.1	0.3%
27.5%	49.9	49.9	0.1	0.2%
28.8%	49.8	49.9	0.1	0.2%
30.0%	49.8	49.9	0.2	0.3%
31.3%	49.8	49.9	0.1	0.2%
32.5%	49.8	49.8	0.1	0.1%
33.8%	49.7	49.8	0.1	0.2%
35.0%	49.7	49.8	0.1	0.2%
36.3%	49.6	49.8	0.2	0.3%
37.5%	49.6	49.8	0.2	0.3%
38.8%	49.6	49.8	0.2	0.4%
40.0%	49.6	49.8	0.2	0.4%
41.3%	49.5	49.7	0.2	0.4%
42.5%	49.5	49.7	0.2	0.4%
43.8%	49.5	49.7	0.2	0.4%
45.0%	49.5	49.6	0.2	0.3%
46.3%	49.4	49.5	0.2	0.3%
47.5%	49.3	49.5	0.2	0.3%
48.8%	49.3	49.2	-0.1	-0.2%
50.0%	49.2	49.2	0.0	-0.1%
51.3%	49.1	49.1	0.0	-0.1%
52.5%	49.0	49.0	0.0	0.0%
53.8%	49.0	49.0	0.0	0.0%
55.0%	48.9	48.9	0.0	-0.1%
56.3%	48.9	48.9	0.0	-0.1%
57.5%	48.8	48.8	0.0	0.0%
58.8%	48.8	48.8	0.0	0.1%
60.0%	48.7	48.8	0.1	0.3%
61.3%	48.6	48.6	0.0	0.0%
62.5%	48.4	48.5	0.1	0.3%
63.8%	48.4	48.5	0.1	0.2%
65.0%	48.4	48.3	-0.1	-0.1%
66.3%	48.2	48.3	0.1	0.2%
67.5%	48.2	48.3	0.1	0.2%
68.8%	48.2	48.3	0.1	0.2%
70.0%	48.1	48.2	0.1	0.2%
71.3%	48.0	48.1	0.1	0.1%
72.5%	48.0	48.0	0.0	0.0%
73.8%	47.9	48.0	0.1	0.2%
75.0%	47.8	47.9	0.1	0.3%
76.3%	47.7	47.8	0.1	0.2%
77.5%	47.6	47.7	0.1	0.3%
78.8%	47.5	47.6	0.2	0.3%
80.0%	47.5	47.5	0.0	0.1%
81.3%	47.4	47.5	0.1	0.1%
82.5%	47.4	47.5	0.1	0.1%
83.8%	47.4	47.4	0.1	0.1%
85.0%	47.3	47.4	0.1	0.2%
86.3%	47.2	47.2	0.0	0.1%
87.5%	47.2	47.2	0.0	0.1%
88.8%	46.8	46.6	-0.2	-0.4%
90.0%	46.6	46.5	-0.1	-0.3%
91.3%	46.5	46.4	-0.1	-0.1%
92.5%	46.3	46.3	0.0	0.0%
93.8%	46.3	46.3	0.0	0.0%
95.0%	46.2	46.1	-0.1	-0.2%
96.3%	46.0	46.1	0.0	0.1%
97.5%	46.0	46.0	0.1	0.2%
98.8%	45.9	46.0	0.1	0.2%
100.0%	45.3	45.8	0.5	1.0%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	57.3	59.0	1.7	3.0%
1.3%	57.3	58.0	0.8	1.3%
2.5%	56.6	58.0	1.4	2.5%
3.8%	56.3	57.0	0.8	1.3%
5.0%	56.2	56.5	0.4	0.7%
6.3%	56.1	56.2	0.1	0.2%
7.5%	56.0	56.1	0.1	0.2%
8.8%	55.4	56.1	0.7	1.3%
10.0%	55.3	56.1	0.8	1.4%
11.3%	55.2	55.5	0.3	0.5%
12.5%	55.0	55.4	0.4	0.7%
13.8%	54.7	55.3	0.6	1.1%
15.0%	54.6	55.1	0.5	1.0%
16.3%	54.6	55.0	0.4	0.8%
17.5%	54.5	54.9	0.4	0.8%
18.8%	54.4	54.8	0.4	0.7%
20.0%	54.3	54.6	0.3	0.5%
21.3%	54.3	54.6	0.3	0.6%
22.5%	54.3	54.6	0.3	0.6%
23.8%	54.2	54.6	0.4	0.6%
25.0%	54.2	54.3	0.1	0.1%
26.3%	54.0	54.2	0.2	0.4%
27.5%	54.0	54.2	0.3	0.5%
28.8%	53.9	54.2	0.3	0.6%
30.0%	53.8	54.2	0.4	0.7%
31.3%	53.7	54.0	0.3	0.6%
32.5%	53.7	53.9	0.2	0.4%
33.8%	53.6	53.9	0.3	0.5%
35.0%	53.6	53.9	0.3	0.5%
36.3%	53.6	53.8	0.2	0.3%
37.5%	53.5	53.7	0.2	0.3%
38.8%	53.5	53.6	0.1	0.2%
40.0%	53.4	53.3	-0.1	-0.2%
41.3%	53.1	53.3	0.2	0.3%
42.5%	53.0	53.3	0.3	0.5%
43.8%	52.8	53.0	0.3	0.5%
45.0%	52.7	53.0	0.3	0.6%
46.3%	52.5	52.9	0.4	0.7%
47.5%	52.5	52.9	0.4	0.7%
48.8%	52.5	52.8	0.3	0.5%
50.0%	52.5	52.7	0.3	0.5%
51.3%	52.4	52.6	0.3	0.5%
52.5%	52.4	52.5	0.1	0.2%
53.8%	52.4	52.5	0.1	0.2%
55.0%	52.3	52.4	0.1	0.1%
56.3%	52.3	52.4	0.1	0.2%
57.5%	52.2	52.3	0.1	0.2%
58.8%	52.2	52.3	0.1	0.2%
60.0%	51.9	52.3	0.4	0.7%
61.3%	51.9	52.3	0.4	0.7%
62.5%	51.8	52.2	0.4	0.8%
63.8%	51.8	52.1	0.3	0.6%
65.0%	51.7	52.0	0.3	0.6%
66.3%	51.7	51.9	0.2	0.4%
67.5%	51.4	51.7	0.3	0.6%
68.8%	51.4	51.7	0.3	0.5%
70.0%	51.4	51.6	0.2	0.4%
71.3%	51.3	51.6	0.3	0.5%
72.5%	51.3	51.5	0.2	0.5%
73.8%	51.3	51.5	0.2	0.4%
75.0%	51.2	51.5	0.2	0.4%
76.3%	51.2	51.5	0.2	0.4%
77.5%	51.2	51.4	0.3	0.5%
78.8%	51.1	51.3	0.2	0.5%
80.0%	51.0	51.2	0.2	0.4%
81.3%	50.9	51.1	0.2	0.4%
82.5%	50.9	51.1	0.2	0.4%
83.8%	50.8	50.9	0.1	0.2%
85.0%	50.7	50.8	0.2	0.4%
86.3%	50.5	50.5	-0.1	-0.1%
87.5%	50.4	50.4	0.0	0.1%
88.8%	50.4	50.4	0.0	0.0%
90.0%	50.3	50.2	0.0	-0.1%
91.3%	50.2	50.0	-0.3	-0.5%
92.5%	49.7	49.7	0.0	0.0%
93.8%	49.7	49.6	-0.1	-0.2%
95.0%	49.5	49.4	-0.1	-0.2%
96.3%	49.1	49.0	-0.1	-0.1%
97.5%	48.7	48.8	0.1	0.2%
98.8%	48.3	48.6	0.4	0.8%
100.0%	48.1	48.1	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	63.6	65.5	1.9	3.1%
1.3%	62.4	62.6	0.2	0.4%
2.5%	60.8	61.2	0.5	0.8%
3.8%	60.0	60.9	0.9	1.4%
5.0%	59.9	60.8	0.9	1.6%
6.3%	59.4	60.2	0.8	1.4%
7.5%	59.2	59.5	0.3	0.5%
8.8%	59.1	59.4	0.3	0.5%
10.0%	59.1	59.4	0.3	0.5%
11.3%	58.9	59.3	0.4	0.7%
12.5%	58.8	59.3	0.5	0.9%
13.8%	58.6	59.0	0.4	0.6%
15.0%	58.6	58.9	0.3	0.5%
16.3%	58.4	58.8	0.5	0.8%
17.5%	58.4	58.7	0.4	0.6%
18.8%	58.4	58.6	0.3	0.4%
20.0%	58.4	58.5	0.2	0.3%
21.3%	57.9	58.5	0.5	0.9%
22.5%	57.9	58.4	0.5	0.9%
23.8%	57.9	58.4	0.5	0.8%
25.0%	57.9	58.3	0.4	0.6%
26.3%	57.9	58.2	0.3	0.6%
27.5%	57.9	58.0	0.2	0.3%
28.8%	57.5	58.0	0.5	0.8%
30.0%	57.5	57.9	0.4	0.7%
31.3%	57.3	57.8	0.5	0.8%
32.5%	57.3	57.7	0.3	0.6%
33.8%	57.3	57.5	0.1	0.3%
35.0%	57.0	57.4	0.4	0.7%
36.3%	57.0	57.1	0.1	0.2%
37.5%	56.9	57.1	0.2	0.4%
38.8%	56.8	57.0	0.2	0.3%
40.0%	56.7	56.9	0.2	0.4%
41.3%	56.5	56.6	0.1	0.2%
42.5%	56.3	56.6	0.3	0.5%
43.8%	56.3	56.5	0.3	0.5%
45.0%	56.2	56.5	0.3	0.5%
46.3%	56.2	56.4	0.2	0.4%
47.5%	56.2	56.3	0.2	0.3%
48.8%	56.1	56.3	0.2	0.3%
50.0%	56.0	56.1	0.0	0.1%
51.3%	55.8	56.0	0.3	0.5%
52.5%	55.7	55.9	0.1	0.3%
53.8%	55.7	55.7	0.0	0.1%
55.0%	55.7	55.7	0.0	0.0%
56.3%	55.6	55.7	0.0	0.1%
57.5%	55.5	55.7	0.1	0.2%
58.8%	55.3	55.5	0.1	0.3%
60.0%	55.3	55.5	0.2	0.3%
61.3%	55.2	55.4	0.3	0.5%
62.5%	55.2	55.3	0.1	0.2%
63.8%	55.0	55.2	0.2	0.3%
65.0%	55.0	55.1	0.2	0.3%
66.3%	54.9	55.0	0.1	0.1%
67.5%	54.9	55.0	0.1	0.2%
68.8%	54.8	54.9	0.1	0.3%
70.0%	54.7	54.9	0.2	0.4%
71.3%	54.6	54.8	0.2	0.4%
72.5%	54.6	54.8	0.2	0.4%
73.8%	54.6	54.7	0.2	0.3%
75.0%	54.6	54.6	0.1	0.1%
76.3%	54.6	54.6	0.1	0.1%
77.5%	54.4	54.4	0.0	0.0%
78.8%	54.2	54.4	0.2	0.3%
80.0%	54.1	54.2	0.0	0.1%
81.3%	54.0	53.9	-0.2	-0.3%
82.5%	53.8	53.8	0.0	0.0%
83.8%	53.7	53.7	0.0	0.0%
85.0%	53.5	53.3	-0.2	-0.4%
86.3%	53.3	53.3	0.0	-0.1%
87.5%	53.2	53.2	0.0	0.0%
88.8%	53.1	53.2	0.1	0.2%
90.0%	53.1	53.1	0.0	0.0%
91.3%	53.0	53.0	0.0	0.1%
92.5%	52.8	52.9	0.0	0.1%
93.8%	52.6	52.7	0.1	0.2%
95.0%	52.5	52.5	-0.1	-0.2%
96.3%	52.3	52.2	-0.2	-0.3%
97.5%	52.2	51.9	-0.3	-0.7%
98.8%	52.2	51.8	-0.4	-0.8%
100.0%	51.5	51.4	-0.1	-0.2%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	69.1	69.1	-0.1	-0.1%
1.3%	69.0	68.7	-0.3	-0.4%
2.5%	67.2	67.3	0.1	0.2%
3.8%	65.5	65.3	-0.2	-0.3%
5.0%	63.9	64.5	0.7	1.0%
6.3%	63.8	64.4	0.5	0.8%
7.5%	63.6	63.3	-0.3	-0.5%
8.8%	63.0	63.1	0.1	0.2%
10.0%	62.9	62.9	0.0	0.0%
11.3%	62.8	62.8	0.0	0.0%
12.5%	62.3	62.8	0.4	0.7%
13.8%	62.3	62.7	0.4	0.6%
15.0%	62.1	62.6	0.5	0.9%
16.3%	62.0	62.0	0.0	0.0%
17.5%	61.9	61.9	0.0	0.0%
18.8%	61.9	61.8	0.0	0.0%
20.0%	61.8	61.8	0.0	0.0%
21.3%	61.6	61.6	0.1	0.1%
22.5%	61.5	61.5	0.0	0.0%
23.8%	61.5	61.5	0.0	0.0%
25.0%	61.4	61.5	0.1	0.2%
26.3%	61.3	61.5	0.2	0.3%
27.5%	61.2	61.3	0.1	0.1%
28.8%	61.1	60.9	-0.3	-0.4%
30.0%	61.0	60.8	-0.2	-0.4%
31.3%	60.6	60.8	0.1	0.2%
32.5%	60.6	60.7	0.1	0.2%
33.8%	60.5	60.7	0.2	0.2%
35.0%	60.4	60.6	0.1	0.2%
36.3%	60.2	60.4	0.1	0.2%
37.5%	60.2	60.2	0.0	0.0%
38.8%	59.6	60.1	0.5	0.8%
40.0%	59.4	59.6	0.2	0.4%
41.3%	59.3	59.2	-0.1	-0.1%
42.5%	59.2	58.8	-0.4	-0.6%
43.8%	59.0	58.5	-0.5	-0.8%
45.0%	58.4	58.5	0.0	0.0%
46.3%	58.4	58.4	0.0	0.0%
47.5%	58.3	58.2	-0.1	-0.2%
48.8%	58.0	58.2	0.2	0.3%
50.0%	58.0	58.2	0.1	0.2%
51.3%	57.8	58.0	0.2	0.3%
52.5%	57.8	58.0	0.2	0.4%
53.8%	57.6	57.7	0.1	0.2%
55.0%	57.5	57.7	0.2	0.3%
56.3%	57.3	57.5	0.3	0.5%
57.5%	57.2	57.3	0.1	0.2%
58.8%	57.1	57.2	0.1	0.2%
60.0%	57.0	57.2	0.2	0.3%
61.3%	56.9	57.2	0.3	0.4%
62.5%	56.8	57.1	0.3	0.5%
63.8%	56.8	57.1	0.3	0.5%
65.0%	56.7	57.0	0.3	0.5%
66.3%	56.6	57.0	0.4	0.7%
67.5%	56.6	56.9	0.3	0.5%
68.8%	56.3	56.8	0.5	0.8%
70.0%	56.3	56.7	0.4	0.6%
71.3%	56.2	56.4	0.2	0.4%
72.5%	56.1	56.3	0.3	0.4%
73.8%	56.0	56.3	0.3	0.6%
75.0%	56.0	56.2	0.2	0.3%
76.3%	55.9	56.1	0.2	0.3%
77.5%	55.8	56.0	0.1	0.3%
78.8%	55.8	56.0	0.2	0.4%
80.0%	55.8	55.8	0.1	0.2%
81.3%	55.7	55.8	0.2	0.3%
82.5%	55.6	55.8	0.1	0.2%
83.8%	55.6	55.6	0.0	0.1%
85.0%	55.5	55.4	-0.1	-0.2%
86.3%	55.2	55.3	0.1	0.1%
87.5%	55.2	55.3	0.1	0.2%
88.8%	54.9	55.2	0.2	0.4%
90.0%	54.9	55.0	0.1	0.2%
91.3%	54.4	54.8	0.4	0.8%
92.5%	54.2	54.1	-0.1	-0.1%
93.8%	54.0	54.1	0.1	0.1%
95.0%	53.9	53.9	0.0	0.0%
96.3%	53.7	53.7	0.0	0.0%
97.5%	53.5	52.7	-0.8	-1.4%
98.8%	52.7	52.6	-0.1	-0.2%
100.0%	52.5	52.3	-0.2	-0.4%

Table SQ-40-1b

American River at Watt Avenue, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.2	74.2	0.9	1.3%
1.3%	72.3	72.9	0.7	0.9%
2.5%	71.8	72.7	0.8	1.2%
3.8%	71.1	70.9	-0.2	-0.3%
5.0%	68.8	67.9	-0.9	-1.3%
6.3%	65.4	65.7	0.3	0.5%
7.5%	65.4	65.4	0.1	0.1%
8.8%	65.3	65.2	-0.1	-0.2%
10.0%	65.3	65.2	-0.1	-0.1%
11.3%	65.1	65.2	0.1	0.2%
12.5%	65.1	65.1	0.1	0.1%
13.8%	65.0	65.0	0.0	0.0%
15.0%	65.0	65.0	0.0	0.0%
16.3%	65.0	65.0	0.0	0.1%
17.5%	64.9	65.0	0.0	0.1%
18.8%	64.6	64.9	0.3	0.5%
20.0%	64.4	64.8	0.4	0.7%
21.3%	64.3	64.4	0.1	0.2%
22.5%	64.2	64.3	0.1	0.1%
23.8%	64.1	64.3	0.2	0.3%
25.0%	63.7	64.2	0.5	0.8%
26.3%	63.7	63.9	0.3	0.4%
27.5%	63.6	63.8	0.2	0.3%
28.8%	63.5	63.6	0.2	0.3%
30.0%	63.3	63.4	0.1	0.1%
31.3%	63.2	63.2	0.0	0.0%
32.5%	63.1	63.2	0.1	0.2%
33.8%	62.4	63.0	0.6	0.9%
35.0%	62.3	62.6	0.3	0.5%
36.3%	62.2	62.5	0.3	0.5%
37.5%	61.9	62.4	0.5	0.8%
38.8%	61.8	62.0	0.2	0.3%
40.0%	61.7	62.0	0.3	0.5%
41.3%	61.6	61.9	0.3	0.5%
42.5%	61.5	61.8	0.3	0.5%
43.8%	61.5	61.7	0.3	0.4%
45.0%	61.4	61.5	0.2	0.3%
46.3%	61.3	61.5	0.2	0.4%
47.5%	61.3	61.4	0.2	0.3%
48.8%	61.1	61.4	0.3	0.5%
50.0%	61.0	61.4	0.3	0.6%
51.3%	60.9	61.3	0.5	0.8%
52.5%	60.8	61.3	0.4	0.7%
53.8%	60.8	61.2	0.5	0.8%
55.0%	60.7	61.2	0.5	0.9%
56.3%	60.5	61.2	0.7	1.2%
57.5%	60.4	61.0	0.6	1.0%
58.8%	60.3	60.6	0.3	0.6%
60.0%	60.0	60.6	0.6	1.0%
61.3%	59.9	60.5	0.6	0.9%
62.5%	59.9	60.4	0.5	0.9%
63.8%	59.8	60.3	0.4	0.7%
65.0%	59.8	60.3	0.4	0.7%
66.3%	59.8	60.1	0.3	0.5%
67.5%	59.8	60.1	0.3	0.5%
68.8%	59.8	60.0	0.3	0.4%
70.0%	59.6	59.9	0.3	0.5%
71.3%	59.5	59.7	0.3	0.4%
72.5%	59.4	59.6	0.2	0.4%
73.8%	59.4	59.5	0.1	0.2%
75.0%	59.3	59.5	0.2	0.4%
76.3%	59.2	59.5	0.2	0.4%
77.5%	59.0	59.2	0.2	0.3%
78.8%	58.9	59.0	0.2	0.3%
80.0%	58.8	59.0	0.2	0.3%
81.3%	58.7	58.9	0.2	0.3%
82.5%	58.7	58.7	0.0	0.0%
83.8%	58.6	58.7	0.1	0.2%
85.0%	58.5	58.6	0.1	0.2%
86.3%	58.4	58.5	0.1	0.1%
87.5%	58.4	58.4	0.1	0.1%
88.8%	58.3	58.4	0.1	0.1%
90.0%	58.1	58.2	0.1	0.2%
91.3%	57.9	58.2	0.3	0.6%
92.5%	57.9	58.0	0.1	0.2%
93.8%	57.4	57.4	0.0	0.1%
95.0%	56.8	56.8	-0.1	-0.1%
96.3%	56.6	56.6	0.0	0.0%
97.5%	56.4	56.4	0.0	0.0%
98.8%	55.5	55.7	0.3	0.5%
100.0%	54.6	54.3	-0.4	-0.6%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	76.6	81.8	5.2	6.8%
1.3%	72.3	73.4	1.1	1.5%
2.5%	71.6	72.8	1.2	1.6%
3.8%	71.4	71.8	0.4	0.6%
5.0%	70.7	68.9	-1.8	-2.5%
6.3%	70.7	68.8	-1.9	-2.6%
7.5%	69.9	68.7	-1.2	-1.8%
8.8%	68.3	68.6	0.3	0.4%
10.0%	67.5	68.6	1.1	1.7%
11.3%	67.4	67.9	0.5	0.7%
12.5%	67.3	67.6	0.3	0.5%
13.8%	67.2	67.5	0.4	0.6%
15.0%	66.9	67.2	0.3	0.5%
16.3%	66.3	66.7	0.3	0.5%
17.5%	66.2	66.1	-0.1	-0.2%
18.8%	65.9	65.9	0.0	0.0%
20.0%	65.7	65.7	-0.1	-0.1%
21.3%	65.7	64.9	-0.8	-1.2%
22.5%	65.1	64.9	-0.2	-0.3%
23.8%	65.1	64.9	-0.2	-0.3%
25.0%	64.7	64.8	0.2	0.3%
26.3%	64.5	64.7	0.2	0.3%
27.5%	64.4	64.7	0.2	0.3%
28.8%	64.4	64.5	0.1	0.1%
30.0%	64.3	64.5	0.2	0.3%
31.3%	64.2	64.5	0.2	0.3%
32.5%	64.2	64.4	0.2	0.3%
33.8%	64.2	64.4	0.2	0.3%
35.0%	64.0	64.4	0.4	0.6%
36.3%	64.0	64.3	0.4	0.6%
37.5%	63.9	64.3	0.4	0.6%
38.8%	63.9	64.2	0.3	0.5%
40.0%	63.8	64.2	0.3	0.5%
41.3%	63.8	64.2	0.3	0.5%
42.5%	63.8	64.1	0.3	0.5%
43.8%	63.8	64.0	0.2	0.4%
45.0%	63.8	64.0	0.2	0.4%
46.3%	63.7	63.9	0.3	0.4%
47.5%	63.6	63.9	0.4	0.6%
48.8%	63.6	63.9	0.3	0.5%
50.0%	63.5	63.8	0.3	0.5%
51.3%	63.5	63.8	0.3	0.5%
52.5%	63.5	63.8	0.3	0.5%
53.8%	63.5	63.8	0.3	0.4%
55.0%	63.5	63.8	0.3	0.5%
56.3%	63.5	63.7	0.3	0.4%
57.5%	63.5	63.7	0.2	0.3%
58.8%	63.4	63.7	0.3	0.4%
60.0%	63.3	63.7	0.3	0.5%
61.3%	63.3	63.6	0.3	0.5%
62.5%	63.3	63.5	0.2	0.4%
63.8%	63.3	63.5	0.3	0.4%
65.0%	63.3	63.5	0.3	0.4%
66.3%	63.2	63.5	0.3	0.4%
67.5%	63.2	63.4	0.3	0.4%
68.8%	63.2	63.4	0.2	0.4%
70.0%	63.2	63.4	0.2	0.3%
71.3%	63.1	63.4	0.3	0.4%
72.5%	63.0	63.3	0.4	0.6%
73.8%	63.0	63.2	0.3	0.4%
75.0%	63.0	63.2	0.2	0.3%
76.3%	62.8	63.0	0.2	0.3%
77.5%	62.8	63.0	0.2	0.3%
78.8%	62.8	63.0	0.2	0.3%
80.0%	62.7	62.9	0.1	0.2%
81.3%	62.7	62.9	0.2	0.3%
82.5%	62.7	62.8	0.2	0.2%
83.8%	62.6	62.8	0.2	0.2%
85.0%	62.6	62.7	0.2	0.2%
86.3%	62.5	62.7	0.2	0.3%
87.5%	62.5	62.7	0.2	0.3%
88.8%	62.3	62.5	0.1	0.2%
90.0%	62.2	62.3	0.2	0.3%
91.3%	62.0	62.2	0.2	0.3%
92.5%	62.0	62.1	0.1	0.2%
93.8%	62.0	62.1	0.1	0.2%
95.0%	61.8	61.8	0.0	0.0%
96.3%	61.7	61.7	0.1	0.1%
97.5%	61.3	61.3	-0.1	-0.1%
98.8%	60.3	60.8	0.4	0.7%
100.0%	59.8	60.1	0.3	0.5%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	82.4	79.7	-2.7	-3.3%
1.3%	74.2	74.0	-0.2	-0.3%
2.5%	73.1	72.8	-0.3	-0.4%
3.8%	73.0	72.3	-0.7	-1.0%
5.0%	71.8	69.7	-2.2	-3.0%
6.3%	71.2	69.2	-2.0	-2.8%
7.5%	70.3	69.1	-1.2	-1.7%
8.8%	69.4	69.0	-0.4	-0.6%
10.0%	69.4	68.8	-0.6	-0.9%
11.3%	69.0	68.2	-0.9	-1.2%
12.5%	68.8	68.1	-0.7	-1.0%
13.8%	68.1	68.1	0.0	-0.1%
15.0%	68.0	68.0	0.0	0.0%
16.3%	68.0	68.0	0.0	0.0%
17.5%	67.9	67.9	0.0	0.0%
18.8%	67.4	67.9	0.5	0.8%
20.0%	67.0	67.8	0.8	1.1%
21.3%	66.6	66.1	-0.6	-0.8%
22.5%	66.5	66.1	-0.5	-0.7%
23.8%	66.2	66.1	-0.2	-0.3%
25.0%	66.2	65.3	-0.9	-1.3%
26.3%	66.0	65.1	-0.9	-1.3%
27.5%	66.0	65.1	-0.9	-1.3%
28.8%	66.0	65.1	-0.8	-1.3%
30.0%	65.8	65.1	-0.7	-1.1%
31.3%	65.5	65.1	-0.4	-0.6%
32.5%	65.2	65.1	-0.2	-0.2%
33.8%	65.2	65.0	-0.2	-0.2%
35.0%	65.2	65.0	-0.1	-0.2%
36.3%	65.1	65.0	-0.1	-0.2%
37.5%	65.1	65.0	-0.1	-0.2%
38.8%	65.1	65.0	-0.1	-0.2%
40.0%	65.1	65.0	-0.1	-0.1%
41.3%	65.1	65.0	-0.1	-0.1%
42.5%	65.1	65.0	-0.1	-0.1%
43.8%	65.0	64.9	-0.1	-0.1%
45.0%	65.0	64.9	-0.1	-0.1%
46.3%	65.0	64.9	-0.1	-0.1%
47.5%	65.0	64.9	-0.1	-0.1%
48.8%	64.9	64.9	0.0	-0.1%
50.0%	64.9	64.9	-0.1	-0.1%
51.3%	64.9	64.9	-0.1	-0.1%
52.5%	64.9	64.9	-0.1	-0.1%
53.8%	64.9	64.9	-0.1	-0.1%
55.0%	64.9	64.9	0.0	0.0%
56.3%	64.9	64.9	0.0	0.0%
57.5%	64.8	64.8	0.0	0.0%
58.8%	64.8	64.8	0.0	-0.1%
60.0%	64.8	64.7	-0.2	-0.2%
61.3%	64.8	64.6	-0.3	-0.4%
62.5%	64.7	64.3	-0.5	-0.7%
63.8%	64.6	64.2	-0.3	-0.5%
65.0%	64.5	64.1	-0.4	-0.6%
66.3%	64.5	64.1	-0.4	-0.6%
67.5%	64.3	64.1	-0.3	-0.4%
68.8%	64.2	64.1	-0.2	-0.3%
70.0%	64.2	64.1	-0.1	-0.2%
71.3%	64.2	64.0	-0.2	-0.3%
72.5%	64.2	64.0	-0.1	-0.2%
73.8%	64.0	64.0	0.0	0.0%
75.0%	64.0	63.9	-0.1	-0.1%
76.3%	64.0	63.9	-0.1	-0.1%
77.5%	64.0	63.9	-0.1	-0.2%
78.8%	63.9	63.8	-0.1	-0.2%
80.0%	63.9	63.2	-0.7	-1.1%
81.3%	63.3	63.1	-0.1	-0.2%
82.5%	63.2	63.1	-0.1	-0.2%
83.8%	63.2	63.0	-0.1	-0.2%
85.0%	63.1	63.0	0.0	-0.1%
86.3%	63.1	63.0	0.0	-0.1%
87.5%	63.0	63.0	0.0	0.0%
88.8%	63.0	63.0	0.0	0.0%
90.0%	63.0	63.0	0.0	0.0%
91.3%	63.0	63.0	0.0	0.0%
92.5%	63.0	63.0	0.0	0.1%
93.8%	63.0	63.0	0.0	0.1%
95.0%	63.0	63.0	0.0	0.0%
96.3%	62.8	63.0	0.1	0.2%
97.5%	62.6	62.6	0.0	0.1%
98.8%	62.3	62.5	0.2	0.3%
100.0%	62.1	62.2	0.1	0.1%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	76.1	74.1	-2.0	-2.6%
1.3%	75.1	73.8	-1.4	-1.8%
2.5%	73.8	70.3	-3.5	-4.8%
3.8%	71.0	70.0	-1.0	-1.4%
5.0%	69.5	70.0	0.5	0.8%
6.3%	68.9	68.6	-0.3	-0.4%
7.5%	68.7	68.3	-0.3	-0.5%
8.8%	68.5	68.1	-0.5	-0.7%
10.0%	68.3	68.0	-0.2	-0.4%
11.3%	68.0	68.0	0.0	0.0%
12.5%	67.8	67.9	0.1	0.1%
13.8%	67.8	67.9	0.1	0.2%
15.0%	67.5	67.8	0.3	0.4%
16.3%	66.8	67.6	0.8	1.2%
17.5%	66.4	67.0	0.6	1.0%
18.8%	66.4	67.0	0.6	0.9%
20.0%	66.1	66.9	0.7	1.1%
21.3%	66.0	65.7	-0.3	-0.5%
22.5%	66.0	65.6	-0.4	-0.6%
23.8%	65.8	65.1	-0.8	-1.2%
25.0%	65.7	65.0	-0.7	-1.0%
26.3%	65.4	64.9	-0.5	-0.8%
27.5%	65.0	64.8	-0.2	-0.3%
28.8%	64.9	64.8	-0.2	-0.2%
30.0%	64.9	64.8	-0.2	-0.3%
31.3%	64.8	64.7	-0.1	-0.2%
32.5%	64.8	64.7	-0.2	-0.2%
33.8%	64.8	64.6	-0.2	-0.3%
35.0%	64.7	64.5	-0.2	-0.2%
36.3%	64.7	64.5	-0.1	-0.2%
37.5%	64.6	64.5	-0.1	-0.2%
38.8%	64.6	64.5	-0.1	-0.2%
40.0%	64.6	64.5	-0.1	-0.1%
41.3%	64.5	64.5	0.0	-0.1%
42.5%	64.4	64.4	0.0	0.0%
43.8%	64.4	64.4	0.0	0.0%
45.0%	64.4	64.4	0.0	0.1%
46.3%	64.3	64.4	0.1	0.1%
47.5%	64.3	64.4	0.1	0.1%
48.8%	64.3	64.3	0.1	0.1%
50.0%	64.2	64.3	0.1	0.2%
51.3%	64.1	64.3	0.3	0.4%
52.5%	64.1	64.3	0.2	0.3%
53.8%	64.0	64.2	0.2	0.3%
55.0%	64.0	64.2	0.2	0.3%
56.3%	64.0	64.1	0.1	0.2%
57.5%	64.0	64.0	0.0	0.0%
58.8%	64.0	64.0	0.0	0.0%
60.0%	63.9	63.9	0.0	-0.1%
61.3%	63.9	63.7	-0.2	-0.3%
62.5%	63.8	63.7	-0.1	-0.2%
63.8%	63.7	63.6	-0.1	-0.2%
65.0%	63.7	63.6	-0.1	-0.2%
66.3%	63.7	63.5	-0.1	-0.2%
67.5%	63.6	63.5	-0.1	-0.2%
68.8%	63.6	63.4	-0.2	-0.2%
70.0%	63.5	63.4	-0.1	-0.2%
71.3%	63.5	63.3	-0.2	-0.2%
72.5%	63.3	63.3	0.0	0.0%
73.8%	63.2	63.0	-0.2	-0.4%
75.0%	63.1	63.0	-0.1	-0.2%
76.3%	63.0	62.9	0.0	-0.1%
77.5%	62.9	62.9	0.0	-0.1%
78.8%	62.9	62.9	-0.1	-0.1%
80.0%	62.9	62.7	-0.2	-0.3%
81.3%	62.7	62.7	-0.1	-0.1%
82.5%	62.7	62.7	0.0	0.0%
83.8%	62.7	62.7	0.0	0.0%
85.0%	62.6	62.6	0.0	0.0%
86.3%	62.6	62.6	0.0	0.0%
87.5%	62.6	62.5	-0.1	-0.2%
88.8%	62.6	62.5	-0.1	-0.2%
90.0%	62.5	62.5	-0.1	-0.1%
91.3%	62.5	62.4	0.0	-0.1%
92.5%	62.3	62.4	0.1	0.1%
93.8%	62.3	62.3	0.1	0.1%
95.0%	62.0	62.2	0.2	0.3%
96.3%	62.0	62.2	0.1	0.2%
97.5%	61.9	62.1	0.2	0.2%
98.8%	61.9	62.1	0.2	0.3%
100.0%	61.8	62.0	0.2	0.3%

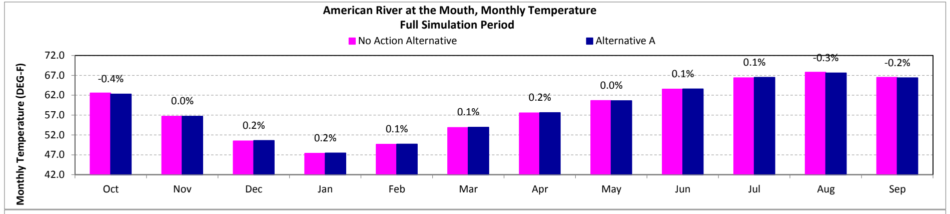
Table SQ-41-1a
American River at the Mouth, Monthly Temperature
Long-term Average and Average by Water Year Type

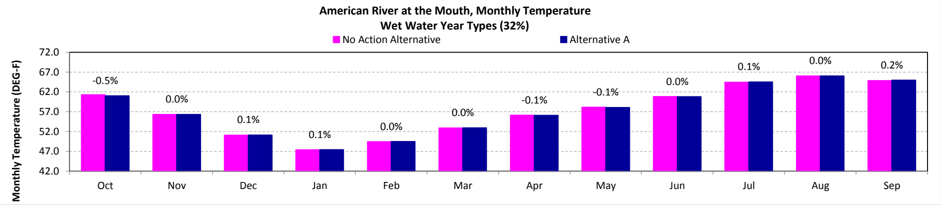
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	62.5	56.7	50.5	47.4	49.6	53.8	57.5	60.6	63.5	66.4	67.8	66.5
Alternative A	62.3	56.7	50.6	47.4	49.7	53.9	57.6	60.6	63.6	66.5	67.6	66.4
Difference	-0.3	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.1	-0.2	-0.1
Percent Difference[3]	-0.4%	0.0%	0.2%	0.2%	0.1%	0.1%	0.2%	0.0%	0.1%	0.1%	-0.3%	-0.2%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	61.3	56.3	51.1	47.4	49.5	52.9	56.1	58.2	60.8	64.4	66.1	64.9
Alternative A	61.0	56.3	51.1	47.5	49.5	52.9	56.1	58.1	60.8	64.5	66.0	65.0
Difference	-0.3	0.0	0.1	0.0	0.0	0.0	-0.1	-0.1	0.0	0.1	0.0	0.1
Percent Difference	-0.5%	0.0%	0.1%	0.1%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.1%	0.0%	0.2%
Above Normal (15%)												
No Action Alternative	61.5	56.1	50.0	47.6	49.2	53.0	56.7	59.3	62.4	65.2	66.6	65.1
Alternative A	61.2	56.2	50.2	47.6	49.2	53.3	56.9	59.5	62.6	65.4	66.5	65.2
Difference	-0.4	0.1	0.2	0.0	0.1	0.3	0.3	0.2	0.3	0.2	-0.1	0.1
Percent Difference	-0.6%	0.1%	0.3%	0.1%	0.1%	0.5%	0.5%	0.3%	0.4%	0.3%	-0.1%	0.1%
Below Normal (17%)												
No Action Alternative	62.1	56.8	50.7	47.2	49.0	53.8	57.5	60.2	63.2	65.6	66.9	65.5
Alternative A	61.9	56.7	50.7	47.2	49.0	53.9	57.5	60.3	63.4	65.7	66.8	65.4
Difference	-0.1	-0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.1	-0.1	-0.1
Percent Difference	-0.2%	-0.2%	0.1%	0.1%	0.0%	0.1%	0.0%	0.1%	0.3%	0.2%	-0.2%	-0.2%
Dry (22%)												
No Action Alternative	63.5	57.0	50.5	47.4	50.1	54.4	58.4	62.2	64.9	66.9	68.2	67.2
Alternative A	63.0	57.0	50.6	47.5	50.0	54.3	58.5	62.3	64.9	66.7	68.1	66.8
Difference	-0.5	0.0	0.1	0.1	0.0	-0.1	0.1	0.1	0.1	-0.2	-0.1	-0.4
Percent Difference	-0.8%	-0.1%	0.2%	0.2%	-0.1%	-0.1%	0.3%	0.2%	0.1%	-0.2%	-0.2%	-0.6%
Critical (15%)												
No Action Alternative	65.3	57.4	49.3	47.2	50.5	55.9	60.2	65.6	69.0	71.9	73.2	71.4
Alternative A	65.3	57.6	49.5	47.4	50.7	56.0	60.4	65.1	68.7	72.3	72.4	71.1
Difference	0.0	0.2	0.1	0.2	0.2	0.2	0.2	-0.5	-0.3	0.4	-0.8	-0.3
Percent Difference	0.0%	0.3%	0.3%	0.4%	0.4%	0.3%	0.3%	-0.7%	-0.4%	0.5%	-1.0%	-0.4%

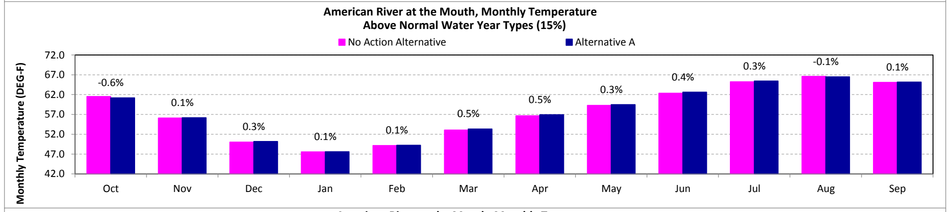
1 Based on the 82-year simulation period

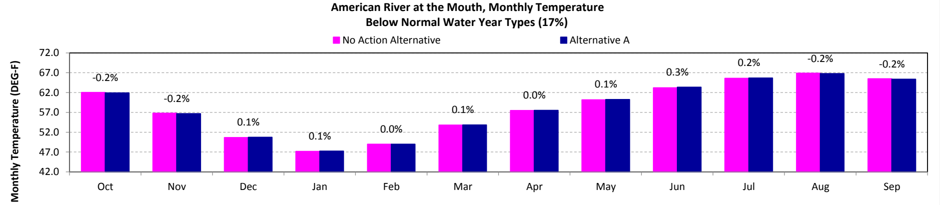
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

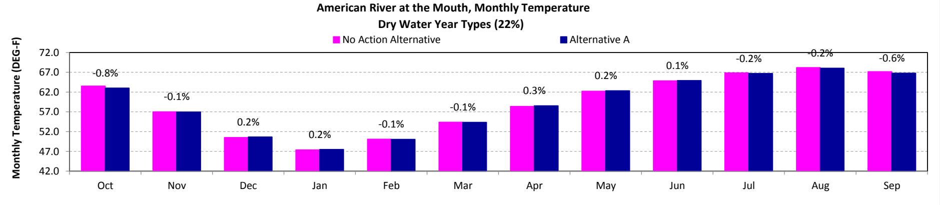
3 Relative difference of the monthly average











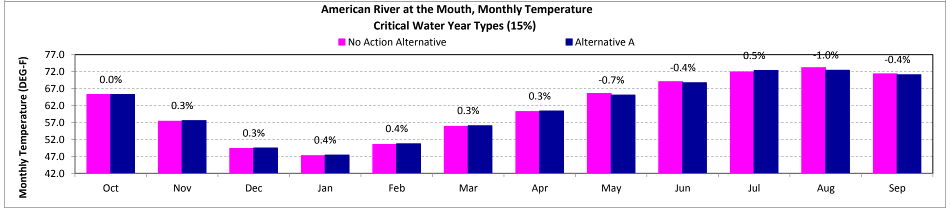


Figure SQ-41-1b
American River at the Mouth, Monthly Temperature
Probability of Exceedance

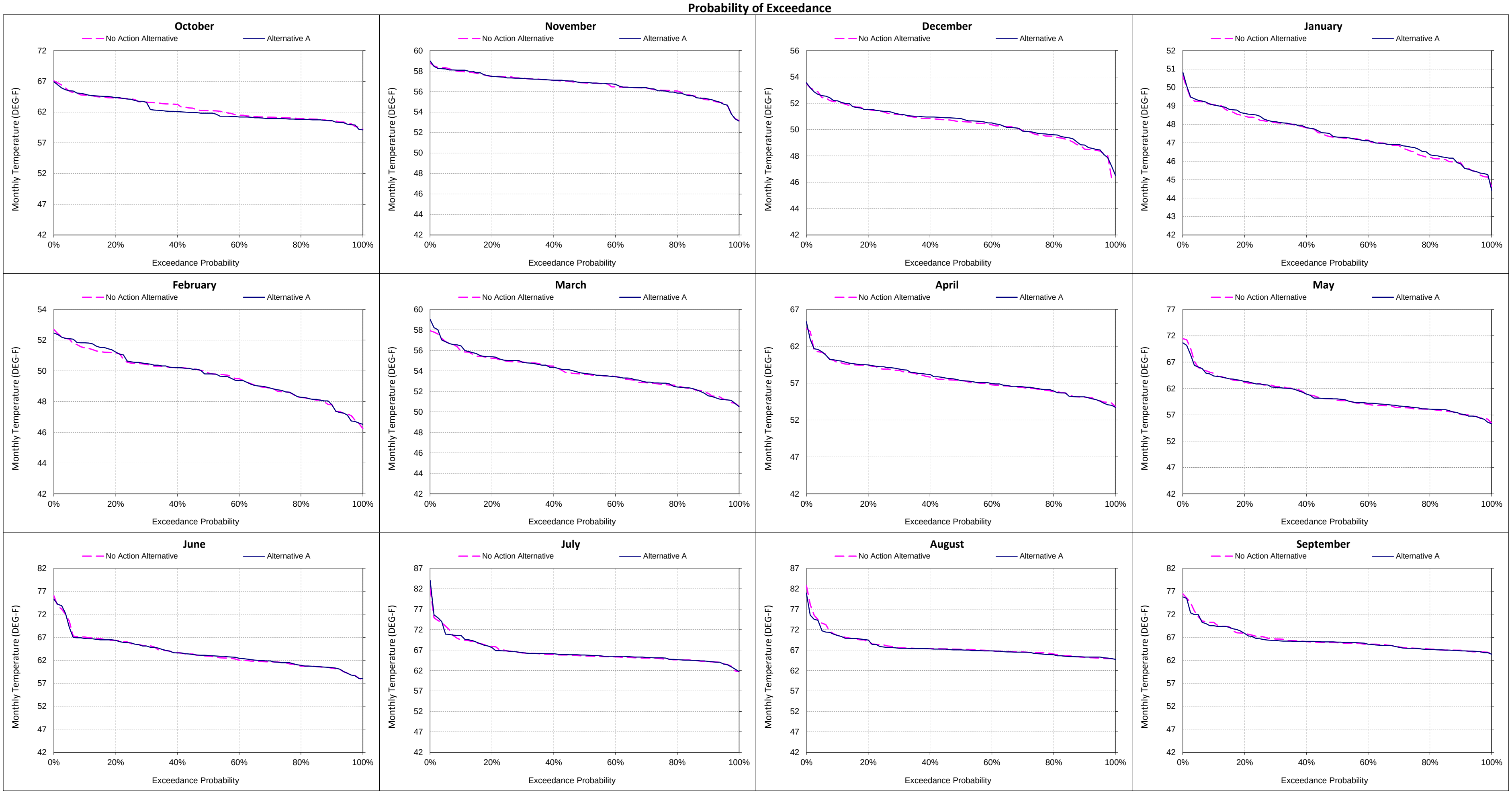


Table SQ-41-1b

American River at the Mouth, Monthly Temperature
Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.1	66.9	-0.2	-0.2%
1.3%	66.7	66.4	-0.3	-0.5%
2.5%	66.4	65.9	-0.5	-0.7%
3.8%	65.9	65.6	-0.3	-0.5%
5.0%	65.4	65.4	0.1	0.1%
6.3%	65.2	65.4	0.3	0.4%
7.5%	65.1	65.1	0.0	0.0%
8.8%	64.8	65.0	0.3	0.4%
10.0%	64.8	64.9	0.2	0.2%
11.3%	64.7	64.8	0.1	0.1%
12.5%	64.7	64.7	0.0	0.0%
13.8%	64.5	64.6	0.1	0.2%
15.0%	64.4	64.6	0.2	0.2%
16.3%	64.4	64.5	0.1	0.2%
17.5%	64.3	64.5	0.2	0.3%
18.8%	64.3	64.4	0.1	0.2%
20.0%	64.3	64.3	0.0	0.0%
21.3%	64.3	64.3	0.1	0.1%
22.5%	64.2	64.2	0.0	0.0%
23.8%	64.2	64.1	-0.1	-0.1%
25.0%	64.2	64.1	-0.1	-0.1%
26.3%	64.0	63.9	-0.1	-0.2%
27.5%	63.7	63.8	0.1	0.1%
28.8%	63.7	63.7	0.1	0.1%
30.0%	63.6	63.6	0.0	-0.1%
31.3%	63.6	62.4	-1.2	-1.8%
32.5%	63.5	62.3	-1.2	-1.9%
33.8%	63.5	62.3	-1.2	-1.9%
35.0%	63.4	62.2	-1.2	-1.8%
36.3%	63.3	62.2	-1.2	-1.8%
37.5%	63.3	62.1	-1.2	-1.9%
38.8%	63.3	62.1	-1.2	-1.8%
40.0%	63.3	62.1	-1.2	-1.8%
41.3%	62.8	62.0	-0.8	-1.3%
42.5%	62.8	62.0	-0.8	-1.3%
43.8%	62.7	62.0	-0.7	-1.1%
45.0%	62.6	61.9	-0.7	-1.1%
46.3%	62.3	61.9	-0.4	-0.7%
47.5%	62.3	61.8	-0.4	-0.7%
48.8%	62.3	61.8	-0.4	-0.7%
50.0%	62.2	61.8	-0.4	-0.6%
51.3%	62.2	61.8	-0.4	-0.6%
52.5%	62.2	61.7	-0.5	-0.9%
53.8%	62.1	61.3	-0.8	-1.3%
55.0%	62.0	61.3	-0.7	-1.1%
56.3%	61.8	61.3	-0.5	-0.9%
57.5%	61.8	61.3	-0.5	-0.7%
58.8%	61.6	61.3	-0.3	-0.5%
60.0%	61.5	61.2	-0.3	-0.5%
61.3%	61.5	61.2	-0.3	-0.5%
62.5%	61.4	61.2	-0.2	-0.3%
63.8%	61.3	61.2	-0.2	-0.3%
65.0%	61.3	61.1	-0.2	-0.3%
66.3%	61.2	61.0	-0.2	-0.3%
67.5%	61.2	61.0	-0.2	-0.3%
68.8%	61.2	61.0	-0.2	-0.3%
70.0%	61.2	61.0	-0.2	-0.3%
71.3%	61.1	61.0	-0.2	-0.3%
72.5%	61.1	60.9	-0.2	-0.2%
73.8%	61.1	60.9	-0.1	-0.2%
75.0%	61.1	60.9	-0.2	-0.3%
76.3%	61.0	60.8	-0.2	-0.3%
77.5%	61.0	60.8	-0.2	-0.3%
78.8%	61.0	60.8	-0.2	-0.2%
80.0%	60.9	60.8	-0.1	-0.2%
81.3%	60.9	60.8	-0.1	-0.1%
82.5%	60.9	60.8	-0.1	-0.2%
83.8%	60.9	60.8	-0.1	-0.2%
85.0%	60.8	60.7	-0.1	-0.2%
86.3%	60.8	60.7	-0.1	-0.1%
87.5%	60.7	60.7	-0.1	-0.1%
88.8%	60.6	60.7	0.1	0.1%
90.0%	60.6	60.6	0.0	0.0%
91.3%	60.5	60.4	-0.2	-0.3%
92.5%	60.4	60.3	-0.1	-0.1%
93.8%	60.4	60.3	-0.1	-0.1%
95.0%	60.2	60.0	-0.2	-0.4%
96.3%	60.1	60.0	-0.1	-0.2%
97.5%	59.6	59.9	0.3	0.5%
98.8%	59.5	59.2	-0.4	-0.6%
100.0%	59.2	59.1	-0.1	-0.1%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	58.8	59.0	0.2	0.3%
1.3%	58.5	58.5	0.0	-0.1%
2.5%	58.4	58.3	-0.1	-0.2%
3.8%	58.3	58.2	-0.1	-0.2%
5.0%	58.3	58.2	-0.1	-0.2%
6.3%	58.2	58.1	-0.1	-0.2%
7.5%	58.0	58.1	0.0	0.1%
8.8%	58.0	58.1	0.1	0.2%
10.0%	58.0	58.1	0.1	0.2%
11.3%	57.9	58.1	0.2	0.3%
12.5%	57.9	58.0	0.1	0.2%
13.8%	57.9	58.0	0.1	0.2%
15.0%	57.8	57.8	0.0	0.1%
16.3%	57.7	57.8	0.1	0.2%
17.5%	57.6	57.6	0.0	0.0%
18.8%	57.5	57.5	0.0	0.0%
20.0%	57.5	57.5	0.0	0.0%
21.3%	57.5	57.5	0.0	0.0%
22.5%	57.5	57.4	0.0	-0.1%
23.8%	57.5	57.4	-0.1	-0.1%
25.0%	57.4	57.3	-0.1	-0.2%
26.3%	57.4	57.3	-0.1	-0.2%
27.5%	57.3	57.3	0.0	-0.1%
28.8%	57.3	57.3	0.0	-0.1%
30.0%	57.3	57.3	0.0	-0.1%
31.3%	57.3	57.3	0.0	0.0%
32.5%	57.2	57.2	0.0	0.0%
33.8%	57.2	57.2	0.0	0.0%
35.0%	57.2	57.2	0.0	0.0%
36.3%	57.2	57.2	0.0	0.0%
37.5%	57.2	57.2	0.0	0.0%
38.8%	57.2	57.1	0.0	0.0%
40.0%	57.1	57.1	0.0	0.1%
41.3%	57.1	57.1	0.0	0.1%
42.5%	57.0	57.1	0.1	0.1%
43.8%	57.0	57.1	0.0	0.1%
45.0%	57.0	57.0	0.0	0.1%
46.3%	56.9	57.0	0.1	0.1%
47.5%	56.9	56.9	0.0	0.0%
48.8%	56.9	56.9	0.0	0.0%
50.0%	56.8	56.9	0.0	0.1%
51.3%	56.8	56.9	0.0	0.1%
52.5%	56.8	56.8	0.0	0.1%
53.8%	56.8	56.8	0.0	0.0%
55.0%	56.8	56.8	0.0	0.1%
56.3%	56.8	56.8	0.0	0.1%
57.5%	56.7	56.8	0.0	0.0%
58.8%	56.5	56.8	0.3	0.5%
60.0%	56.5	56.7	0.3	0.4%
61.3%	56.4	56.5	0.1	0.2%
62.5%	56.4	56.4	0.0	0.0%
63.8%	56.4	56.4	0.0	0.0%
65.0%	56.4	56.4	0.0	0.0%
66.3%	56.4	56.4	0.0	0.0%
67.5%	56.4	56.4	0.0	0.0%
68.8%	56.4	56.4	0.0	0.0%
70.0%	56.3	56.4	0.1	0.1%
71.3%	56.3	56.3	0.0	0.0%
72.5%	56.2	56.3	0.1	0.1%
73.8%	56.2	56.1	-0.1	-0.2%
75.0%	56.1	56.1	0.0	-0.1%
76.3%	56.1	56.0	-0.1	-0.1%
77.5%	56.1	56.0	-0.1	-0.2%
78.8%	56.1	56.0	-0.1	-0.2%
80.0%	56.0	55.8	-0.2	-0.4%
81.3%	55.9	55.8	-0.1	-0.2%
82.5%	55.7	55.7	0.0	0.0%
83.8%	55.7	55.6	-0.1	-0.1%
85.0%	55.6	55.6	0.0	0.0%
86.3%	55.5	55.4	-0.1	-0.3%
87.5%	55.4	55.4	0.0	0.0%
88.8%	55.2	55.3	0.1	0.2%
90.0%	55.2	55.3	0.1	0.2%
91.3%	55.1	55.2	0.1	0.2%
92.5%	55.0	55.1	0.1	0.1%
93.8%	54.9	55.0	0.0	0.0%
95.0%	54.9	54.8	-0.1	-0.2%
96.3%	54.6	54.7	0.0	0.1%
97.5%	53.8	53.8	0.0	-0.1%
98.8%	53.3	53.3	0.0	0.0%
100.0%	53.2	53.1	0.0	-0.1%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.5	53.5	0.0	0.1%
1.3%	53.2	53.2	0.0	0.1%
2.5%	53.0	52.9	-0.1	-0.3%
3.8%	52.9	52.7	-0.2	-0.3%
5.0%	52.4	52.6	0.1	0.3%
6.3%	52.4	52.5	0.1	0.2%
7.5%	52.2	52.4	0.2	0.4%
8.8%	52.1	52.2	0.1	0.1%
10.0%	52.1	52.2	0.1	0.1%
11.3%	52.0	52.1	0.0	0.1%
12.5%	51.9	52.0	0.1	0.1%
13.8%	51.8	52.0	0.2	0.3%
15.0%	51.8	51.7	0.0	0.0%
16.3%	51.7	51.7	0.0	-0.1%
17.5%	51.7	51.6	0.0	-0.1%
18.8%	51.5	51.5	0.0	0.0%
20.0%	51.5	51.5	0.0	0.0%
21.3%	51.5	51.5	0.0	0.1%
22.5%	51.5	51.5	0.0	0.0%
23.8%	51.4	51.4	0.0	0.1%
25.0%	51.3	51.4	0.0	0.1%
26.3%	51.2	51.4	0.1	0.3%
27.5%	51.2	51.3	0.1	0.3%
28.8%	51.2	51.2	0.1	0.1%
30.0%	51.1	51.2	0.0	0.1%
31.3%	51.1	51.2	0.0	0.1%
32.5%	51.0	51.1	0.1	0.1%
33.8%	51.0	51.0	0.0	0.1%
35.0%	50.9	51.0	0.1	0.2%
36.3%	50.9	51.0	0.1	0.3%
37.5%	50.8	51.0	0.1	0.3%
38.8%	50.8	51.0	0.1	0.2%
40.0%	50.8	51.0	0.1	0.2%
41.3%	50.8	51.0	0.1	0.3%
42.5%	50.8	50.9	0.1	0.3%
43.8%	50.8	50.9	0.2	0.3%
45.0%	50.8	50.9	0.2	0.3%
46.3%	50.7	50.9	0.2	0.3%
47.5%	50.7	50.9	0.2	0.4%
48.8%	50.6	50.8	0.2	0.4%
50.0%	50.6	50.8	0.2	0.4%
51.3%	50.6	50.8	0.2	0.3%
52.5%	50.6	50.7	0.1	0.2%
53.8%	50.6	50.7	0.1	0.2%
55.0%	50.5	50.6	0.1	0.3%
56.3%	50.5	50.6	0.2	0.3%
57.5%	50.5	50.6	0.1	0.2%
58.8%	50.4	50.5	0.1	0.2%
60.0%	50.4	50.5	0.1	0.3%
61.3%	50.3	50.4	0.1	0.3%
62.5%	50.3	50.4	0.1	0.2%
63.8%	50.3	50.3	0.0	0.1%
65.0%	50.2	50.2	-0.1	-0.1%
66.3%	50.2	50.2	0.0	-0.1%
67.5%	50.2	50.1	0.0	-0.1%
68.8%	50.1	50.1	0.0	0.1%
70.0%	49.9	49.9	0.0	-0.1%
71.3%	49.8	49.9	0.1	0.1%
72.5%	49.8	49.8	0.0	0.1%
73.8%	49.7	49.8	0.1	0.2%
75.0%	49.6	49.7	0.1	0.2%
76.3%	49.6	49.7	0.1	0.2%
77.5%	49.5	49.7	0.2	0.3%
78.8%	49.5	49.6	0.1	0.3%
80.0%	49.5	49.6	0.1	0.2%
81.3%	49.4	49.6	0.2	0.4%
82.5%	49.4	49.5	0.1	0.2%
83.8%	49.3	49.4	0.1	0.3%
85.0%	49.2	49.4	0.2	0.4%
86.3%	49.1	49.3	0.2	0.5%
87.5%	48.9	49.1	0.2	0.4%
88.8%	48.8	48.8	0.0	0.1%
90.0%	48.5	48.8	0.3	0.7%
91.3%	48.5	48.6	0.1	0.3%
92.5%	48.5	48.6	0.1	0.3%
93.8%	48.4	48.5	0.1	0.1%
95.0%	48.4	48.5	0.1	0.2%
96.3%	48.2	48.1	-0.1	-0.1%
97.5%	48.0	47.9	-0.2	-0.4%
98.8%	46.3	47.2	0.9	2.0%
100.0%	46.2	46.5	0.3	0.6%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.6	50.8	0.2	0.4%
1.3%	50.0	50.1	0.1	0.2%
2.5%	49.5	49.5	0.0	0.1%
3.8%	49.3	49.4	0.1	0.3%
5.0%	49.2	49.3	0.1	0.1%
6.3%	49.2	49.3	0.0	0.1%
7.5%	49.1	49.2	0.1	0.2%
8.8%	49.1	49.1	0.0	0.0%
10.0%	49.0	49.0	0.0	0.0%
11.3%	49.0	49.0	0.0	-0.1%
12.5%	49.0	49.0	0.0	-0.1%
13.8%	48.8	48.9	0.1	0.2%
15.0%	48.7	48.8	0.1	0.2%
16.3%	48.7	48.8	0.1	0.3%
17.5%	48.5	48.8	0.2	0.5%
18.8%	48.5	48.6	0.1	0.3%
20.0%	48.5	48.6	0.1	0.3%
21.3%	48.4	48.5	0.2	0.3%
22.5%	48.4	48.5	0.2	0.3%
23.8%	48.3	48.5	0.2	0.4%
25.0%	48.2	48.4	0.2	0.5%
26.3%	48.2	48.3	0.1	0.2%
27.5%	48.2	48.2	0.1	0.1%
28.8%	48.1	48.2	0.0	0.1%
30.0%	48.1	48.2	0.1	0.1%
31.3%	48.1	48.1	0.0	0.1%
32.5%	48.0	48.1	0.0	0.1%
33.8%	48.0	48.1	0.0	0.1%
35.0%	48.0	48.0	0.0	0.0%
36.3%	48.0	48.0	0.0	0.1%
37.5%	47.9	47.9	0.0	0.0%
38.8%	47.9	47.9	0.0	0.1%
40.0%	47.8	47.8	0.0	0.0%
41.3%	47.8	47.8	0.0	0.0%
42.5%	47.7	47.8	0.0	0.0%
43.8%	47.5	47.7	0.1	0.2%
45.0%	47.5	47.5	0.0	0.1%
46.3%	47.4	47.5	0.1	0.3%
47.5%	47.3	47.5	0.2	0.3%
48.8%	47.3	47.3	0.0	0.1%
50.0%	47.3	47.3	0.0	0.1%
51.3%	47.3	47.3	0.0	0.1%
52.5%	47.3	47.3	0.0	0.1%
53.8%	47.2	47.3	0.0	0.1%
55.0%	47.2	47.2	0.0	0.0%
56.3%	47.2	47.2	0.0	-0.1%
57.5%	47.2	47.2	0.0	0.0%
58.8%	47.2	47.1	0.0	-0.1%
60.0%	47.1	47.1	0.0	-0.1%
61.3%	47.0	47.1	0.1	0.1%
62.5%	47.0	47.0	0.0	0.0%
63.8%	47.0	47.0	0.0	0.0%
65.0%	47.0	47.0	0.0	0.0%
66.3%	46.9	46.9	0.0	0.0%
67.5%	46.9	46.9	0.0	0.1%
68.8%	46.8	46.9	0.1	0.1%
70.0%	46.8	46.9	0.1	0.1%
71.3%	46.7	46.8	0.1	0.3%
72.5%	46.6	46.8	0.2	0.4%
73.8%	46.5	46.8	0.2	0.5%
75.0%	46.5	46.7	0.2	0.5%
76.3%	46.3	46.7	0.3	0.6%
77.5%	46.3	46.5	0.2	0.5%
78.8%	46.2	46.5	0.3	0.6%
80.0%	46.2	46.3	0.1	0.3%
81.3%	46.1	46.3	0.2	0.4%
82.5%	46.1	46.3	0.2	0.3%
83.8%	46.1	46.2	0.1	0.2%
85.0%	46.1	46.2	0.1	0.3%
86.3%	46.0	46.2	0.2	0.4%
87.5%	46.0	46.2	0.2	0.4%
88.8%	45.9	45.9	0.0	0.0%
90.0%	45.9	45.8	-0.1	-0.1%
91.3%	45.6	45.6	0.0	0.0%
92.5%	45.6	45.6	0.0	-0.1%
93.8%	45.5	45.5	0.0	0.0%
95.0%	45.4	45.4	0.0	0.0%
96.3%	45.3	45.3	0.1	0.2%
97.5%	45.2	45.3	0.2	0.4%
98.8%	45.1	45.3	0.1	0.3%
100.0%	44.6	44.4	-0.2	-0.5%

Table SQ-41-1b

American River at the Mouth, Monthly Temperature

Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	52.7	52.5	-0.2	-0.4%
1.3%	52.4	52.4	-0.1	-0.1%
2.5%	52.2	52.2	-0.1	-0.1%
3.8%	52.1	52.1	0.0	0.0%
5.0%	52.1	52.1	0.0	0.0%
6.3%	51.8	52.1	0.3	0.6%
7.5%	51.7	51.8	0.1	0.3%
8.8%	51.6	51.8	0.3	0.5%
10.0%	51.5	51.8	0.3	0.6%
11.3%	51.5	51.8	0.3	0.7%
12.5%	51.4	51.8	0.4	0.7%
13.8%	51.3	51.6	0.3	0.6%
15.0%	51.3	51.5	0.3	0.5%
16.3%	51.2	51.5	0.3	0.6%
17.5%	51.2	51.5	0.2	0.5%
18.8%	51.2	51.4	0.2	0.4%
20.0%	51.2	51.2	0.1	0.1%
21.3%	51.1	51.1	0.0	-0.1%
22.5%	50.8	51.0	0.3	0.6%
23.8%	50.6	50.6	0.1	0.2%
25.0%	50.5	50.6	0.1	0.2%
26.3%	50.5	50.5	0.1	0.1%
27.5%	50.5	50.5	0.1	0.1%
28.8%	50.5	50.5	0.0	0.1%
30.0%	50.4	50.5	0.1	0.1%
31.3%	50.4	50.4	0.1	0.1%
32.5%	50.3	50.4	0.1	0.1%
33.8%	50.3	50.4	0.1	0.1%
35.0%	50.3	50.3	0.0	0.1%
36.3%	50.3	50.3	0.1	0.1%
37.5%	50.2	50.2	0.0	0.0%
38.8%	50.2	50.2	0.0	0.0%
40.0%	50.2	50.2	0.0	0.0%
41.3%	50.2	50.2	0.0	0.0%
42.5%	50.2	50.2	0.0	0.0%
43.8%	50.2	50.2	0.0	0.0%
45.0%	50.1	50.1	0.0	0.0%
46.3%	50.1	50.1	0.0	0.0%
47.5%	50.0	50.0	0.0	0.0%
48.8%	50.0	49.8	-0.2	-0.4%
50.0%	49.9	49.8	0.0	-0.1%
51.3%	49.8	49.8	0.0	0.0%
52.5%	49.8	49.8	0.0	0.0%
53.8%	49.8	49.7	-0.1	-0.3%
55.0%	49.8	49.6	-0.1	-0.2%
56.3%	49.7	49.6	-0.1	-0.2%
57.5%	49.6	49.5	-0.1	-0.2%
58.8%	49.5	49.4	-0.1	-0.2%
60.0%	49.5	49.4	-0.1	-0.2%
61.3%	49.4	49.4	0.0	0.0%
62.5%	49.3	49.3	0.0	0.0%
63.8%	49.2	49.1	0.0	-0.1%
65.0%	49.1	49.0	0.0	0.0%
66.3%	49.0	49.0	0.0	0.1%
67.5%	49.0	49.0	0.0	0.1%
68.8%	48.9	49.0	0.0	0.1%
70.0%	48.9	48.9	0.0	0.0%
71.3%	48.8	48.8	0.0	0.0%
72.5%	48.7	48.8	0.1	0.2%
73.8%	48.7	48.7	0.1	0.2%
75.0%	48.6	48.6	0.0	0.0%
76.3%	48.6	48.6	0.0	0.0%
77.5%	48.5	48.5	0.0	0.0%
78.8%	48.3	48.3	0.1	0.1%
80.0%	48.3	48.3	0.0	0.0%
81.3%	48.3	48.3	0.0	0.0%
82.5%	48.2	48.2	0.0	0.0%
83.8%	48.2	48.2	0.0	0.0%
85.0%	48.1	48.2	0.1	0.1%
86.3%	48.1	48.1	0.0	0.0%
87.5%	48.0	48.0	0.0	0.1%
88.8%	47.8	48.0	0.2	0.5%
90.0%	47.8	47.8	0.0	0.0%
91.3%	47.4	47.4	0.0	0.0%
92.5%	47.4	47.3	-0.1	-0.1%
93.8%	47.2	47.3	0.0	0.1%
95.0%	47.2	47.1	-0.1	-0.1%
96.3%	47.1	46.7	-0.3	-0.7%
97.5%	46.8	46.7	-0.1	-0.2%
98.8%	46.6	46.6	0.0	0.1%
100.0%	46.3	46.5	0.3	0.6%

March				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	57.9	59.0	1.1	1.9%
1.3%	57.8	58.2	0.4	0.8%
2.5%	57.6	58.0	0.4	0.7%
3.8%	57.2	57.0	-0.1	-0.3%
5.0%	56.9	56.8	0.0	-0.1%
6.3%	56.7	56.7	0.0	0.0%
7.5%	56.6	56.6	0.0	0.0%
8.8%	56.4	56.5	0.2	0.3%
10.0%	55.9	56.5	0.5	0.9%
11.3%	55.8	56.0	0.1	0.3%
12.5%	55.8	55.9	0.1	0.1%
13.8%	55.6	55.8	0.2	0.3%
15.0%	55.4	55.7	0.3	0.5%
16.3%	55.4	55.5	0.1	0.1%
17.5%	55.4	55.4	0.0	0.1%
18.8%	55.3	55.4	0.1	0.2%
20.0%	55.2	55.4	0.1	0.3%
21.3%	55.2	55.3	0.1	0.2%
22.5%	55.1	55.2	0.1	0.1%
23.8%	55.0	55.1	0.0	0.1%
25.0%	54.9	55.0	0.1	0.1%
26.3%	54.9	55.0	0.1	0.2%
27.5%	54.9	55.0	0.1	0.2%
28.8%	54.9	55.0	0.1	0.2%
30.0%	54.9	54.8	0.0	-0.1%
31.3%	54.8	54.8	0.0	-0.1%
32.5%	54.8	54.8	0.0	-0.1%
33.8%	54.8	54.7	-0.1	-0.1%
35.0%	54.7	54.6	-0.1	-0.1%
36.3%	54.6	54.6	-0.1	-0.1%
37.5%	54.5	54.6	0.0	0.0%
38.8%	54.5	54.4	-0.1	-0.2%
40.0%	54.5	54.4	-0.1	-0.2%
41.3%	54.3	54.3	0.0	0.0%
42.5%	54.1	54.2	0.1	0.1%
43.8%	53.9	54.1	0.3	0.5%
45.0%	53.8	54.1	0.3	0.5%
46.3%	53.8	54.0	0.3	0.5%
47.5%	53.7	53.9	0.2	0.3%
48.8%	53.7	53.8	0.1	0.2%
50.0%	53.7	53.8	0.1	0.2%
51.3%	53.7	53.7	0.0	0.1%
52.5%	53.6	53.7	0.1	0.2%
53.8%	53.6	53.6	0.0	0.0%
55.0%	53.6	53.5	0.0	0.0%
56.3%	53.5	53.5	0.0	0.0%
57.5%	53.5	53.5	0.0	0.0%
58.8%	53.5	53.5	0.0	-0.1%
60.0%	53.5	53.4	0.0	0.0%
61.3%	53.4	53.4	0.0	0.0%
62.5%	53.2	53.3	0.1	0.1%
63.8%	53.2	53.3	0.1	0.2%
65.0%	53.1	53.3	0.1	0.2%
66.3%	53.1	53.1	0.1	0.1%
67.5%	52.9	53.1	0.2	0.4%
68.8%	52.9	53.0	0.1	0.2%
70.0%	52.8	52.9	0.1	0.1%
71.3%	52.8	52.9	0.1	0.2%
72.5%	52.8	52.8	0.0	0.1%
73.8%	52.7	52.8	0.1	0.2%
75.0%	52.7	52.8	0.2	0.3%
76.3%	52.7	52.8	0.1	0.3%
77.5%	52.6	52.7	0.1	0.2%
78.8%	52.6	52.5	-0.1	-0.2%
80.0%	52.6	52.4	-0.2	-0.3%
81.3%	52.4	52.4	0.0	-0.1%
82.5%	52.4	52.4	0.0	0.0%
83.8%	52.3	52.3	0.0	0.1%
85.0%	52.2	52.3	0.0	0.1%
86.3%	52.1	52.2	0.0	0.1%
87.5%	52.1	52.0	-0.1	-0.2%
88.8%	51.9	51.8	-0.1	-0.2%
90.0%	51.8	51.6	-0.2	-0.5%
91.3%	51.5	51.5	0.0	-0.1%
92.5%	51.5	51.4	-0.2	-0.3%
93.8%	51.5	51.3	-0.2	-0.4%
95.0%	51.2	51.2	-0.1	-0.1%
96.3%	51.2	51.2	0.0	0.0%
97.5%	50.9	51.1	0.2	0.5%
98.8%	50.8	50.8	0.0	0.0%
100.0%	50.5	50.5	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	64.4	65.3	0.9	1.5%
1.3%	64.0	62.9	-1.1	-1.7%
2.5%	61.4	61.7	0.3	0.5%
3.8%	61.3	61.6	0.3	0.5%
5.0%	61.2	61.3	0.1	0.1%
6.3%	60.9	60.8	-0.1	-0.2%
7.5%	60.3	60.2	0.0	-0.1%
8.8%	60.1	60.2	0.1	0.1%
10.0%	59.8	60.1	0.3	0.5%
11.3%	59.8	60.0	0.2	0.4%
12.5%	59.6	59.9	0.3	0.5%
13.8%	59.6	59.7	0.1	0.2%
15.0%	59.5	59.6	0.1	0.3%
16.3%	59.5	59.6	0.1	0.2%
17.5%	59.5	59.5	0.1	0.1%
18.8%	59.5	59.5	0.1	0.1%
20.0%	59.4	59.5	0.0	0.1%
21.3%	59.3	59.4	0.1	0.1%
22.5%	59.3	59.3	0.0	0.1%
23.8%	59.0	59.2	0.3	0.4%
25.0%	58.9	59.2	0.3	0.5%
26.3%	58.9	59.1	0.2	0.3%
27.5%	58.8	59.1	0.3	0.5%
28.8%	58.8	59.0	0.3	0.5%
30.0%	58.8	58.9	0.2	0.3%
31.3%	58.6	58.8	0.3	0.5%
32.5%	58.5	58.8	0.2	0.4%
33.8%	58.4	58.5	0.1	0.1%
35.0%	58.4	58.4	0.0	0.1%
36.3%	58.1	58.3	0.2	0.4%
37.5%	58.1	58.3	0.2	0.4%
38.8%	57.9	58.2	0.3	0.5%
40.0%	57.8	58.2	0.4	0.6%
41.3%	57.8	57.9	0.1	0.2%
42.5%	57.5	57.9	0.3	0.6%
43.8%	57.5	57.8	0.3	0.5%
45.0%	57.5	57.7	0.2	0.3%
46.3%	57.5	57.6	0.2	0.3%
47.5%	57.4	57.6	0.2	0.3%
48.8%	57.4	57.5	0.1	0.1%
50.0%	57.3	57.4	0.0	0.0%
51.3%	57.3	57.3	0.0	0.0%
52.5%	57.2	57.3	0.1	0.2%
53.8%	57.1	57.2	0.1	0.2%
55.0%	57.1	57.1	0.0	0.1%
56.3%	57.0	57.1	0.1	0.1%
57.5%	57.0	57.1	0.1	0.2%
58.8%	57.0	57.1	0.1	0.2%
60.0%	56.8	57.0	0.2	0.3%
61.3%	56.7	56.9	0.2	0.3%
62.5%	56.7	56.9	0.2	0.3%
63.8%	56.7	56.7	0.1	0.1%
65.0%	56.6	56.7	0.1	0.1%
66.3%	56.6	56.6	0.0	0.1%
67.5%	56.6	56.6	0.0	0.1%
68.8%	56.5	56.5	0.1	0.2%
70.0%	56.4	56.5	0.1	0.1%
71.3%	56.3	56.4	0.1	0.2%
72.5%	56.3	56.4	0.1	0.2%
73.8%	56.3	56.3	0.1	0.1%
75.0%	56.2	56.3	0.1	0.2%
76.3%	56.1	56.2	0.0	0.0%
77.5%	56.0	56.1	0.1	0.2%
78.8%	56.0	56.1	0.2	0.3%
80.0%	55.9	56.0	0.1	0.1%
81.3%	55.8	55.7	-0.1	-0.2%
82.5%	55.7	55.7	-0.1	-0.1%
83.8%	55.7	55.7	0.0	0.0%
85.0%	55.5	55.2	-0.3	-0.5%
86.3%	55.2	55.2	0.0	0.0%
87.5%	55.2	55.2	0.0	0.0%
88.8%	55.1	55.1	0.0	0.0%
90.0%	55.1	55.1	0.1	0.1%
91.3%	55.0	55.0	0.0	-0.1%
92.5%	55.0	54.9	-0.2	-0.3%
93.8%	54.7	54.8	0.1	0.2%
95.0%	54.6	54.6	-0.1	-0.1%
96.3%	54.4	54.3	-0.1	-0.2%
97.5%	54.4	54.1	-0.4	-0.7%
98.8%	54.3	54.0	-0.3	-0.6%
100.0%	53.8	53.7	-0.1	-0.2%

May				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative A Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	71.5	70.7	-0.8	-1.1%
1.3%	71.3	70.2	-1.1	-1.5%
2.5%	69.7	68.4	-1.3	-1.8%
3.8%	67.2	66.3	-0.8	-1.2%
5.0%	66.0	66.1	0.1	0.2%
6.3%	65.7	65.8	0.2	0.2%
7.5%	65.4	64.9	-0.4	-0.7%
8.8%	65.1	64.7	-0.3	-0.5%
10.0%	64.9	64.4	-0.5	-0.8%
11.3%	64.3	64.3	-0.1	-0.1%
12.5%	64.3	64.2	-0.1	-0.1%
13.8%	64.0	64.0	0.0	0.1%
15.0%	63.8	63.8	0.0	0.0%
16.3%	63.6	63.8	0.2	0.3%
17.5%	63.5	63.7	0.2	0.2%
18.8%	63.5	63.5	0.0	0.1%
20.0%	63.2	63.3	0.1	0.2%
21.3%	63.0	63.3	0.2	0.4%
22.5%	63.0	63.0	0.0	0.0%
23.8%	62.9	62.8	-0.1	-0.1%
25.0%	62.9	62.8	-0.1	-0.1%
26.3%	62.7	62.7	0.0	0.1%
27.5%	62.7	62.7	0.0	0.0%
28.8%	62.6	62.3	-0.3	-0.6%
30.0%	62.4	62.2	-0.2	-0.3%
31.3%	62.4	62.2	-0.2	-0.4%
32.5%	62.4	62.1	-0.3	-0.5%
33.8%	62.1	62.0	0.0	-0.1%
35.0%	62.1	62.0	-0.1	-0.2%
36.3%	61.8	61.8	0.0	0.0%
37.5%	61.8	61.5	-0.2	-0.4%
38.8%	61.4	61.3	-0.1	-0.2%
40.0%	60.9	61.0	0.1	0.1%
41.3%	60.7	60.7	0.0	0.0%
42.5%	60.6	60.2	-0.4	-0.7%
43.8%	60.3	60.2	-0.2	-0.3%
45.0%	60.1	60.1	0.0	0.0%
46.3%	60.1	60.1	0.0	0.0%
47.5%	60.1	60.1	0.0	0.0%
48.8%	60.0	60.0	0.0	0.0%
50.0%	59.8	60.0	0.2	0.4%
51.3%	59.7	59.9	0.2	0.4%
52.5%	59.7	59.9	0.2	0.3%
53.8%	59.7	59.6	-0.1	-0.2%
55.0%	59.4	59.4	0.0	0.1%
56.3%	59.2	59.3	0.1	0.1%
57.5%	59.2	59.3	0.1	0.2%
58.8%	59.1	59.3	0.2	0.3%
60.0%	59.0	59.2	0.2	0.4%
61.3%	58.9	59.2	0.3	0.6%
62.5%	58.8	59.1	0.3	0.5%
63.8%	58.8	59.0	0.3	0.5%
65.0%	58.7	59.0	0.2	0.4%
66.3%	58.7	59.0	0.2	0.4%
67.5%	58.7	58.8	0.2	0.3%
68.8%	58.4	58.8	0.4	0.7%
70.0%	58.4	58.7	0.3	0.5%
71.3%	58.3	58.6	0.3	0.5%
72.5%	58.3	58.5	0.2	0.3%
73.8%	58.3	58.5	0.2	0.3%
75.0%	58.1	58.4	0.2	0.4%
76.3%	58.1	58.3	0.2	0.4%
77.5%	58.1	58.1	0.0	0.0%
78.8%	58.1	58.1	0.0	0.0%
80.0%	58.1	58.1	0.0	0.0%
81.3%	58.0	58.0	0.1	0.1%
82.5%	57.9	58.0	0.2	0.3%
83.8%	57.8	58.0	0.2	0.3%
85.0%	57.8	58.0	0.2	0.3%
86.3%	57.6	57.8	0.2	0.3%
87.5%	57.6	57.6	0.0	0.0%
88.8%	57.2	57.5	0.2	0.4%
90.0%	57.1	57.1	0.0	0.1%
91.3%	57.0	57.1	0.1	0.1%
92.5%	57.0	56.8	-0.2	-0.4%
93.8%	56.7	56.7	0.0	0.0%
95.0%	56.7	56.7	0.0	0.0%
96.3%	56.4	56.3	-0.1	-0.1%
97.5%	56.3	56.2	-0.2	-0.3%
98.8%	56.2	55.6	-0.6	-1.0%
100.0%	55.4	55.3	-0.1	-0.2%

Table SQ-41-1b

American River at the Mouth, Monthly Temperature
Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	76.0	75.3	-0.8	-1.0%
1.3%	73.8	74.2	0.3	0.5%
2.5%	73.1	73.9	0.8	1.0%
3.8%	72.0	72.2	0.2	0.3%
5.0%	70.5	69.1	-1.4	-1.9%
6.3%	67.3	66.9	-0.3	-0.5%
7.5%	67.1	66.9	-0.2	-0.3%
8.8%	67.1	66.9	-0.2	-0.3%
10.0%	67.1	66.7	-0.3	-0.5%
11.3%	66.9	66.7	-0.2	-0.3%
12.5%	66.9	66.7	-0.2	-0.3%
13.8%	66.8	66.5	-0.3	-0.4%
15.0%	66.7	66.5	-0.2	-0.3%
16.3%	66.5	66.5	-0.1	-0.1%
17.5%	66.4	66.4	0.1	0.1%
18.8%	66.3	66.4	0.1	0.1%
20.0%	66.3	66.4	0.0	0.0%
21.3%	66.3	66.0	-0.2	-0.4%
22.5%	66.0	65.9	-0.1	-0.2%
23.8%	66.0	65.8	-0.2	-0.2%
25.0%	65.6	65.8	0.2	0.2%
26.3%	65.4	65.5	0.1	0.1%
27.5%	65.4	65.4	0.0	0.0%
28.8%	65.2	65.1	-0.1	-0.1%
30.0%	65.2	65.1	-0.1	-0.1%
31.3%	65.1	64.8	-0.3	-0.5%
32.5%	64.9	64.8	-0.1	-0.1%
33.8%	64.3	64.6	0.3	0.5%
35.0%	64.3	64.3	0.1	0.2%
36.3%	64.1	64.2	0.1	0.1%
37.5%	64.0	64.0	0.0	0.0%
38.8%	63.7	63.7	0.0	-0.1%
40.0%	63.7	63.6	-0.1	-0.1%
41.3%	63.5	63.6	0.0	0.1%
42.5%	63.4	63.4	0.0	0.0%
43.8%	63.4	63.3	0.0	0.0%
45.0%	63.3	63.2	-0.1	-0.2%
46.3%	63.1	63.2	0.1	0.2%
47.5%	63.0	63.1	0.1	0.1%
48.8%	63.0	63.1	0.1	0.2%
50.0%	62.9	63.0	0.1	0.2%
51.3%	62.8	63.0	0.2	0.3%
52.5%	62.7	62.9	0.3	0.4%
53.8%	62.5	62.9	0.3	0.5%
55.0%	62.5	62.8	0.3	0.6%
56.3%	62.5	62.8	0.3	0.5%
57.5%	62.4	62.7	0.2	0.4%
58.8%	62.3	62.7	0.4	0.6%
60.0%	62.0	62.4	0.4	0.7%
61.3%	62.0	62.4	0.4	0.6%
62.5%	62.0	62.3	0.3	0.5%
63.8%	61.8	62.1	0.3	0.5%
65.0%	61.8	62.0	0.2	0.4%
66.3%	61.7	62.0	0.3	0.4%
67.5%	61.7	61.9	0.2	0.4%
68.8%	61.7	61.9	0.2	0.3%
70.0%	61.7	61.9	0.2	0.3%
71.3%	61.6	61.6	0.0	0.0%
72.5%	61.6	61.6	0.0	-0.1%
73.8%	61.5	61.5	0.0	0.0%
75.0%	61.5	61.5	0.0	0.0%
76.3%	61.2	61.4	0.2	0.4%
77.5%	61.1	61.2	0.1	0.2%
78.8%	60.9	61.0	0.1	0.2%
80.0%	60.7	60.9	0.2	0.3%
81.3%	60.7	60.8	0.0	0.1%
82.5%	60.7	60.7	0.0	0.0%
83.8%	60.7	60.7	0.0	0.0%
85.0%	60.6	60.6	0.0	0.0%
86.3%	60.6	60.6	0.0	0.0%
87.5%	60.5	60.5	0.0	0.1%
88.8%	60.4	60.4	0.0	0.0%
90.0%	60.3	60.4	0.2	0.3%
91.3%	60.2	60.3	0.1	0.2%
92.5%	60.1	60.1	0.0	0.0%
93.8%	59.5	59.5	0.0	0.1%
95.0%	59.2	59.2	0.0	-0.1%
96.3%	58.8	58.8	0.0	0.0%
97.5%	58.7	58.6	-0.1	-0.1%
98.8%	58.1	58.0	0.0	0.0%
100.0%	57.8	58.0	0.2	0.4%

July				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	82.2	84.1	1.9	2.3%
1.3%	74.9	75.6	0.7	0.9%
2.5%	74.2	74.9	0.7	0.9%
3.8%	73.8	73.9	0.2	0.2%
5.0%	72.8	70.9	-2.0	-2.7%
6.3%	71.9	70.8	-1.1	-1.5%
7.5%	70.5	70.6	0.1	0.2%
8.8%	69.9	70.6	0.7	1.0%
10.0%	69.4	70.5	1.1	1.6%
11.3%	69.4	69.6	0.2	0.3%
12.5%	69.3	69.5	0.2	0.3%
13.8%	69.1	69.3	0.2	0.2%
15.0%	68.7	68.9	0.3	0.4%
16.3%	68.6	68.6	0.0	0.0%
17.5%	68.3	68.2	-0.2	-0.2%
18.8%	67.9	68.0	0.0	0.1%
20.0%	67.9	67.6	-0.3	-0.4%
21.3%	67.8	66.9	-0.9	-1.3%
22.5%	67.0	66.8	-0.2	-0.3%
23.8%	67.0	66.8	-0.2	-0.3%
25.0%	66.8	66.8	0.0	0.1%
26.3%	66.7	66.6	-0.1	-0.1%
27.5%	66.5	66.6	0.1	0.2%
28.8%	66.4	66.4	0.0	0.1%
30.0%	66.3	66.4	0.1	0.1%
31.3%	66.3	66.2	-0.1	-0.1%
32.5%	66.2	66.2	0.0	0.0%
33.8%	66.2	66.2	0.0	0.0%
35.0%	66.1	66.2	0.1	0.1%
36.3%	66.0	66.1	0.1	0.2%
37.5%	66.0	66.1	0.2	0.3%
38.8%	65.9	66.1	0.2	0.3%
40.0%	65.9	66.1	0.2	0.3%
41.3%	65.8	66.0	0.2	0.2%
42.5%	65.8	65.9	0.1	0.2%
43.8%	65.8	65.9	0.1	0.2%
45.0%	65.8	65.8	0.0	0.1%
46.3%	65.7	65.8	0.1	0.1%
47.5%	65.7	65.8	0.2	0.3%
48.8%	65.6	65.8	0.2	0.3%
50.0%	65.6	65.8	0.2	0.3%
51.3%	65.5	65.7	0.2	0.3%
52.5%	65.5	65.7	0.2	0.3%
53.8%	65.4	65.7	0.2	0.4%
55.0%	65.4	65.6	0.2	0.3%
56.3%	65.4	65.5	0.1	0.2%
57.5%	65.4	65.5	0.1	0.2%
58.8%	65.4	65.5	0.1	0.2%
60.0%	65.3	65.4	0.1	0.2%
61.3%	65.3	65.4	0.1	0.2%
62.5%	65.2	65.4	0.3	0.4%
63.8%	65.2	65.4	0.2	0.3%
65.0%	65.2	65.3	0.2	0.3%
66.3%	65.1	65.3	0.2	0.3%
67.5%	65.1	65.3	0.2	0.3%
68.8%	65.0	65.3	0.3	0.4%
70.0%	65.0	65.1	0.1	0.2%
71.3%	65.0	65.1	0.1	0.2%
72.5%	65.0	65.1	0.1	0.2%
73.8%	65.0	65.1	0.1	0.2%
75.0%	64.9	65.1	0.2	0.3%
76.3%	64.7	65.1	0.3	0.5%
77.5%	64.7	64.7	0.0	0.0%
78.8%	64.6	64.7	0.1	0.1%
80.0%	64.6	64.6	0.0	0.0%
81.3%	64.6	64.6	0.0	0.0%
82.5%	64.6	64.5	0.0	0.0%
83.8%	64.6	64.5	-0.1	-0.1%
85.0%	64.5	64.5	0.0	0.0%
86.3%	64.4	64.5	0.1	0.1%
87.5%	64.3	64.3	0.1	0.1%
88.8%	64.2	64.3	0.1	0.2%
90.0%	64.2	64.2	0.1	0.1%
91.3%	64.1	64.2	0.1	0.1%
92.5%	64.1	64.0	-0.1	-0.1%
93.8%	64.0	64.0	0.0	0.0%
95.0%	63.6	63.6	0.0	-0.1%
96.3%	63.4	63.4	0.0	-0.1%
97.5%	63.0	62.9	-0.1	-0.2%
98.8%	61.9	62.3	0.4	0.7%
100.0%	61.7	61.8	0.1	0.2%

August				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	82.7	81.0	-1.8	-2.1%
1.3%	78.1	75.5	-2.6	-3.3%
2.5%	75.5	74.5	-1.0	-1.3%
3.8%	74.5	74.3	-0.2	-0.3%
5.0%	73.6	71.7	-1.9	-2.6%
6.3%	73.2	71.4	-1.8	-2.5%
7.5%	71.6	71.3	-0.3	-0.4%
8.8%	71.0	70.9	-0.1	-0.2%
10.0%	70.6	70.5	0.0	-0.1%
11.3%	70.4	70.3	-0.2	-0.2%
12.5%	70.1	69.9	-0.2	-0.3%
13.8%	69.9	69.9	-0.1	-0.1%
15.0%	69.8	69.8	0.0	0.0%
16.3%	69.6	69.8	0.2	0.2%
17.5%	69.5	69.7	0.2	0.3%
18.8%	69.5	69.5	0.1	0.1%
20.0%	68.9	69.4	0.5	0.8%
21.3%	68.5	68.4	-0.1	-0.1%
22.5%	68.4	68.4	0.0	0.0%
23.8%	68.3	67.9	-0.4	-0.6%
25.0%	68.3	67.7	-0.5	-0.7%
26.3%	68.0	67.6	-0.4	-0.5%
27.5%	67.9	67.6	-0.3	-0.4%
28.8%	67.7	67.6	-0.1	-0.1%
30.0%	67.6	67.4	-0.1	-0.2%
31.3%	67.5	67.4	-0.1	-0.2%
32.5%	67.5	67.4	-0.1	-0.1%
33.8%	67.5	67.4	-0.1	-0.1%
35.0%	67.4	67.4	0.0	0.0%
36.3%	67.4	67.4	0.0	0.0%
37.5%	67.4	67.3	0.0	0.0%
38.8%	67.3	67.3	0.0	0.0%
40.0%	67.3	67.3	-0.1	-0.1%
41.3%	67.3	67.3	-0.1	-0.1%
42.5%	67.3	67.3	-0.1	-0.1%
43.8%	67.3	67.2	-0.1	-0.1%
45.0%	67.3	67.2	0.0	-0.1%
46.3%	67.3	67.1	-0.2	-0.2%
47.5%	67.2	67.1	-0.2	-0.2%
48.8%	67.2	67.1	-0.1	-0.2%
50.0%	67.2	67.1	-0.1	-0.2%
51.3%	67.2	67.0	-0.2	-0.2%
52.5%	67.1	67.0	-0.2	-0.3%
53.8%	67.1	66.9	-0.3	-0.4%
55.0%	67.1	66.9	-0.2	-0.3%
56.3%	67.0	66.8	-0.1	-0.2%
57.5%	66.9	66.8	-0.1	-0.2%
58.8%	66.9	66.8	-0.1	-0.1%
60.0%	66.8	66.8	0.0	0.0%
61.3%	66.7	66.7	0.0	0.0%
62.5%	66.7	66.7	0.0	0.0%
63.8%	66.7	66.6	-0.1	-0.1%
65.0%	66.7	66.6	-0.1	-0.2%
66.3%	66.6	66.6	0.0	-0.1%
67.5%	66.6	66.5	-0.1	-0.1%
68.8%	66.5	66.5	0.0	0.0%
70.0%	66.5	66.5	0.0	-0.1%
71.3%	66.5	66.5	0.0	0.0%
72.5%	66.4	66.4	0.0	0.0%
73.8%	66.4	66.2	-0.2	-0.3%
75.0%	66.4	66.1	-0.3	-0.4%
76.3%	66.3	66.0	-0.3	-0.5%
77.5%	66.3	65.9	-0.3	-0.5%
78.8%	66.2	65.9	-0.3	-0.5%
80.0%	66.0	65.8	-0.2	-0.3%
81.3%	65.8	65.6	-0.3	-0.4%
82.5%	65.6	65.6	0.0	0.0%
83.8%	65.6	65.5	-0.1	-0.1%
85.0%	65.6	65.4	-0.2	-0.2%
86.3%	65.5	65.4	-0.1	-0.1%
87.5%	65.4	65.4	0.0	-0.1%
88.8%	65.3	65.3	0.0	0.1%
90.0%	65.3	65.3	0.0	0.1%
91.3%	65.1	65.3	0.2	0.3%
92.5%	65.1	65.3	0.2	0.3%
93.8%	65.1	65.3	0.3	0.4%
95.0%	65.0	65.3	0.3	0.4%
96.3%	64.9	65.1	0.2	0.3%
97.5%	64.9	65.0	0.1	0.1%
98.8%	64.9	64.9	0.0	0.0%
100.0%	64.7	64.7	0.1	0.1%

September				
Percent Exceedance Probability (%)	No Action Alternative	Alternative A	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	76.5	75.8	-0.7	-0.9%
1.3%	75.6	75.5	-0.1	-0.1%
2.5%	74.6	72.3	-2.2	-3.0%
3.8%	72.7	71.9	-0.8	-1.1%
5.0%	71.5	71.9	0.4	0.6%
6.3%	70.5	70.3	-0.3	-0.4%
7.5%	70.4	70.0	-0.4	-0.6%
8.8%	70.3	69.5	-0.7	-1.1%
10.0%	70.3	69.5	-0.8	-1.1%
11.3%	69.6	69.4	-0.2	-0.3%
12.5%	69.4	69.3	-0.1	-0.1%
13.8%	69.4	69.3	0.0	-0.1%
15.0%	69.3	69.2	-0.1	-0.1%
16.3%	68.4	68.8	0.5	0.7%
17.5%	68.0	68.7	0.7	1.0%
18.8%	67.9	68.3	0.4	0.6%
20.0%	67.9	67.9	-0.1	-0.1%
21.3%	67.6	67.3	-0.3	-0.5%
22.5%	67.5	67.2	-0.3	-0.4%
23.8%	67.2	66.8	-0.4	-0.7%
25.0%	67.2	66.7	-0.5	-0.8%
26.3%	67.1	66.5	-0.6	-0.9%
27.5%	66.8	66.4	-0.4	-0.6%
28.8%	66.8	66.3	-0.4	-0.6%
30.0%	66.6	66.3	-0.3	-0.4%
31.3%	66.6	66.2	-0.4	-0.6%
32.5%	66.6	66.2	-0.4	-0.6%
33.8%	66.3	66.2	-0.1	-0.1%
35.0%	66.3	66.2	-0.1	-0.2%
36.3%	66.3	66.1	-0.1	-0.2%
37.5%	66.2	66.1	-0.1	-0.1%
38.8%	66.2	66.1	0.0	-0.1%
40.0%	66.1	66.1	0.1	0.1%
41.3%	66.0	66.1	0.1	0.2%
42.5%	66.0	66.1	0.1	0.2%
43.8%	65.9	66.0	0.1	0.2%
45.0%	65.9	66.0	0.1	0.2%
46.3%	65.9	66.0	0.1	0.2%
47.5%	65.9	66.0	0.1	0.2%
48.8%	65.8	66.0	0.2	0.2%
50.0%	65.8	65.9	0.1	0.2%
51.3%	65.7	65.9	0.2	0.3%
52.5%	65.7	65.8	0.1	0.2%
53.8%	65.7	65.8	0.2	0.2%
55.0%	65.7	65.8	0.2	0.2%
56.3%	65.6	65.8	0.2	0.3%
57.5%	65.6	65.8	0.1	0.2%
58.8%	65.5	65.7	0.2	0.4%
60.0%	65.5	65.5	0.0	0.0%
61.3%	65.5	65.4	0.0	0.0%
62.5%	65.5	65.3	-0.2	-0.3%
63.8%	65.4	65.3	-0.2	-0.2%
65.0%	65.4	65.2	-0.2	-0.3%
66.3%	65.3	65.2	-0.1	-0.1%
67.5%	65.2	65.2	0.0	0.0%
68.8%	65.1	65.0	-0.1	-0.2%
70.0%	64.9	64.8	-0.1	-0.1%
71.3%	64.8	64.6	-0.1	-0.2%
72.5%	64.7	64.6	-0.1	-0.2%
73.8%	64.7	64.6	-0.1	-0.1%
75.0%	64.6	64.6	0.0	-0.1%
76.3%	64.6	64.5	-0.1	-0.1%
77.5%	64.5	64.4	-0.1	-0.2%
78.8%	64.5	64.4	-0.1	-0.2%
80.0%	64.4	64.4	-0.1	-0.1%
81.3%	64.4	64.3	-0.1	-0.1%
82.5%	64.3	64.3	0.0	0.0%
83.8%	64.2	64.2	0.0	0.0%
85.0%	64.2	64.2	0.0	0.0%
86.3%	64.2	64.2	0.0	0.0%
87.5%	64.2	64.2	0.0	-0.1%
88.8%	64.2	64.1	0.0	-0.1%
90.0%	64.2	64.1	-0.1	-0.2%
91.3%	64.1	64.0	0.0	-0.1%
92.5%	64.0	64.0	0.0	0.0%
93.8%	63.8	64.0	0.1	0.2%
95.0%	63.8	64.0	0.1	0.2%
96.3%	63.8	63.9	0.1	0.2%
97.5%	63.8	63.7	-0.1	-0.2%
98.8%	63.8	63.7	-0.1	-0.1%
100.0%	63.5	63.3	-0.2	-0.2%

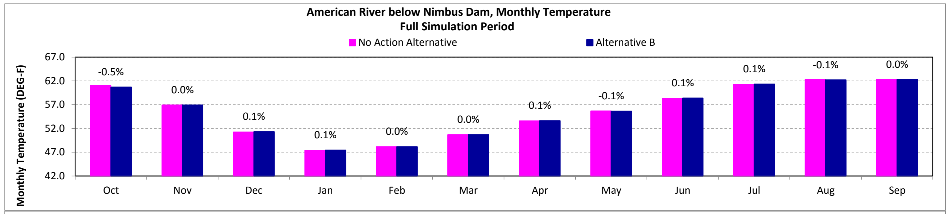
Table SQ-39-2a
American River below Nimbus Dam, Monthly Temperature
Long-term Average and Average by Water Year Type

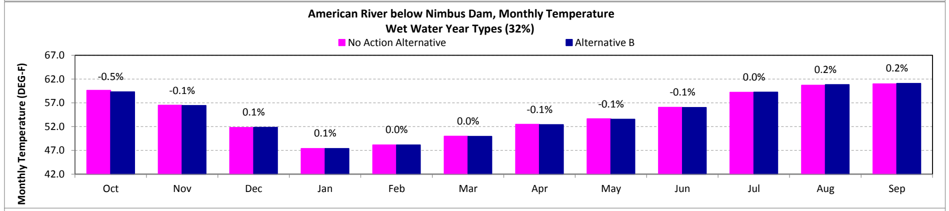
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	61.0	56.9	51.2	47.4	48.1	50.7	53.6	55.7	58.3	61.3	62.3	62.3
Alternative B	60.7	56.9	51.3	47.5	48.2	50.7	53.6	55.6	58.4	61.3	62.2	62.3
Difference	-0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	0.0
Percent Difference[3]	-0.5%	0.0%	0.1%	0.1%	0.0%	0.0%	0.1%	-0.1%	0.1%	0.1%	-0.1%	0.0%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	59.6	56.5	51.8	47.4	48.1	50.0	52.5	53.6	56.1	59.2	60.7	61.0
Alternative B	59.3	56.4	51.9	47.4	48.2	50.0	52.4	53.6	56.0	59.3	60.8	61.1
Difference	-0.3	-0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.1	0.1
Percent Difference	-0.5%	-0.1%	0.1%	0.1%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	0.0%	0.2%	0.2%
Above Normal (15%)												
No Action Alternative	60.0	56.4	50.8	47.6	47.8	50.1	52.8	54.4	57.1	60.3	61.1	60.9
Alternative B	59.4	56.4	50.9	47.6	47.8	50.2	53.1	54.5	57.2	60.3	61.1	61.2
Difference	-0.5	0.0	0.1	0.0	0.0	0.2	0.2	0.1	0.1	0.0	0.0	0.2
Percent Difference	-0.9%	0.0%	0.3%	0.1%	0.1%	0.3%	0.4%	0.2%	0.2%	0.0%	0.0%	0.4%
Below Normal (17%)												
No Action Alternative	60.5	57.0	51.5	47.3	47.5	50.6	53.5	55.2	57.8	60.9	61.2	60.9
Alternative B	60.5	57.0	51.5	47.3	47.5	50.6	53.6	55.3	58.0	60.7	61.3	61.1
Difference	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.2	0.0	0.2
Percent Difference	0.0%	-0.1%	0.1%	0.0%	0.0%	-0.1%	0.1%	0.0%	0.2%	-0.3%	0.0%	0.3%
Dry (22%)												
No Action Alternative	62.1	57.3	51.3	47.5	48.5	51.0	54.2	56.9	59.4	61.8	62.7	62.7
Alternative B	61.5	57.3	51.4	47.6	48.4	51.0	54.3	57.0	59.6	61.6	62.6	62.5
Difference	-0.6	0.0	0.1	0.1	-0.1	0.0	0.1	0.2	0.1	-0.2	-0.1	-0.2
Percent Difference	-0.9%	0.0%	0.2%	0.1%	-0.2%	-0.1%	0.2%	0.3%	0.2%	-0.3%	-0.1%	-0.3%
Critical (15%)												
No Action Alternative	64.0	57.8	50.1	47.3	48.8	52.3	55.8	60.0	63.4	66.3	67.5	67.3
Alternative B	63.9	57.9	50.2	47.4	48.9	52.4	55.8	59.5	63.5	67.1	66.9	67.0
Difference	-0.1	0.1	0.1	0.1	0.2	0.1	-0.1	-0.5	0.1	0.8	-0.6	-0.3
Percent Difference	-0.1%	0.2%	0.2%	0.1%	0.3%	0.2%	-0.1%	-0.9%	0.1%	1.2%	-0.9%	-0.4%

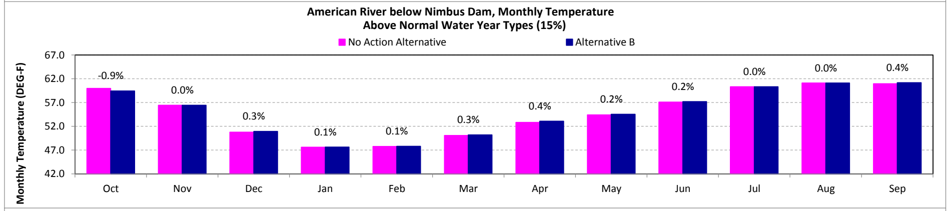
1 Based on the 82-year simulation period

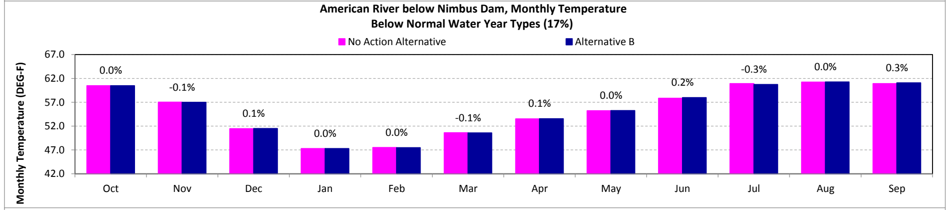
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

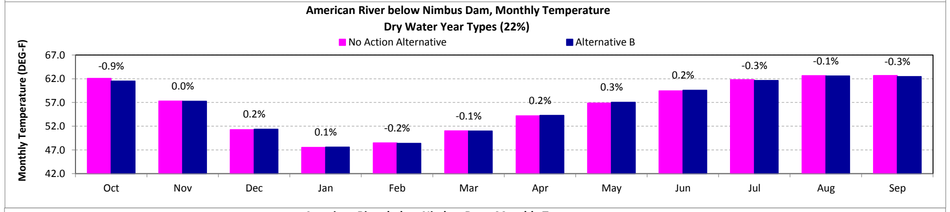
3 Relative difference of the monthly average


American River below Nimbus Dam, Monthly Temperature
Full Simulation Period


American River below Nimbus Dam, Monthly Temperature
Wet Water Year Types (32%)


American River below Nimbus Dam, Monthly Temperature
Above Normal Water Year Types (15%)


American River below Nimbus Dam, Monthly Temperature
Below Normal Water Year Types (17%)


American River below Nimbus Dam, Monthly Temperature
Dry Water Year Types (22%)

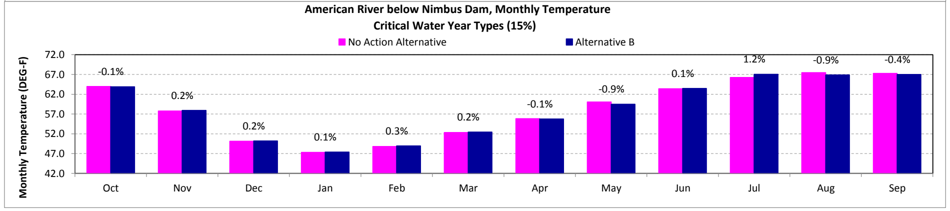

American River below Nimbus Dam, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-39-2b
American River below Nimbus Dam, Monthly Temperature
Probability of Exceedance

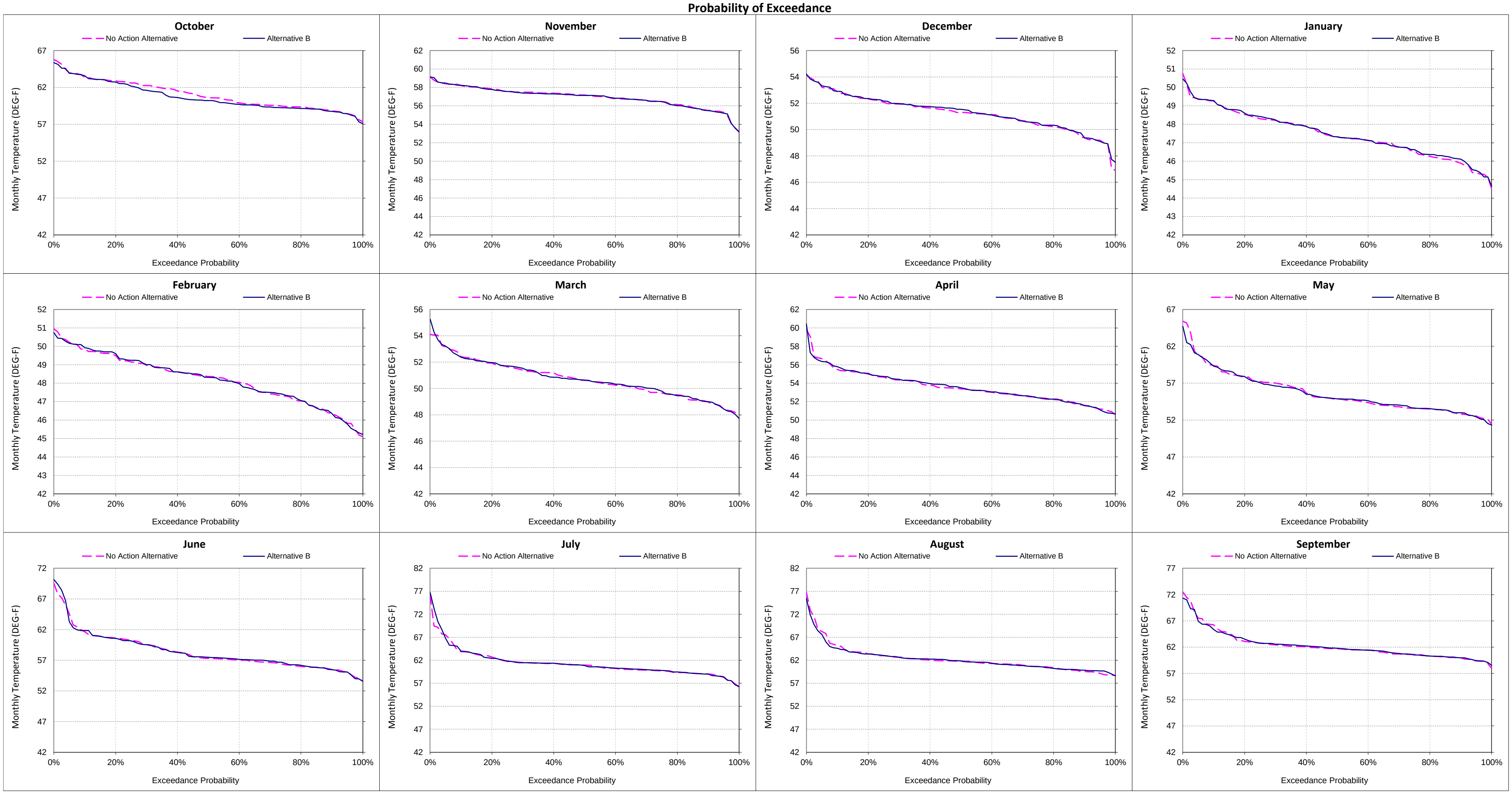


Table SQ-39-2b

American River below Nimbus Dam, Monthly Temperature

Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.8	65.4	-0.4	-0.7%
1.3%	65.5	65.1	-0.4	-0.6%
2.5%	65.2	64.6	-0.5	-0.8%
3.8%	64.5	64.6	0.1	0.2%
5.0%	64.0	63.9	0.0	0.0%
6.3%	64.0	63.9	-0.1	-0.1%
7.5%	63.9	63.8	-0.1	-0.1%
8.8%	63.7	63.8	0.0	0.0%
10.0%	63.4	63.6	0.2	0.3%
11.3%	63.3	63.2	-0.2	-0.3%
12.5%	63.2	63.2	0.0	0.0%
13.8%	63.1	63.1	0.0	0.0%
15.0%	63.1	63.1	0.0	0.0%
16.3%	63.1	63.1	0.0	0.0%
17.5%	63.0	62.8	-0.1	-0.2%
18.8%	62.9	62.8	-0.2	-0.2%
20.0%	62.9	62.7	-0.2	-0.3%
21.3%	62.8	62.5	-0.3	-0.4%
22.5%	62.8	62.5	-0.3	-0.4%
23.8%	62.7	62.4	-0.3	-0.4%
25.0%	62.6	62.2	-0.4	-0.7%
26.3%	62.6	62.1	-0.5	-0.8%
27.5%	62.4	61.9	-0.5	-0.8%
28.8%	62.3	61.7	-0.6	-1.0%
30.0%	62.3	61.6	-0.6	-1.0%
31.3%	62.3	61.5	-0.7	-1.2%
32.5%	62.1	61.4	-0.7	-1.0%
33.8%	62.0	61.4	-0.6	-1.0%
35.0%	61.9	61.3	-0.6	-0.9%
36.3%	61.8	61.0	-0.9	-1.4%
37.5%	61.8	60.7	-1.1	-1.8%
38.8%	61.8	60.7	-1.1	-1.7%
40.0%	61.5	60.7	-0.9	-1.4%
41.3%	61.5	60.5	-0.9	-1.5%
42.5%	61.4	60.4	-1.0	-1.5%
43.8%	61.2	60.4	-0.9	-1.4%
45.0%	61.2	60.3	-0.8	-1.4%
46.3%	61.0	60.3	-0.7	-1.1%
47.5%	60.8	60.3	-0.5	-0.8%
48.8%	60.7	60.2	-0.5	-0.8%
50.0%	60.6	60.2	-0.4	-0.6%
51.3%	60.6	60.2	-0.4	-0.6%
52.5%	60.6	60.1	-0.5	-0.8%
53.8%	60.6	60.0	-0.6	-1.0%
55.0%	60.4	59.9	-0.5	-0.8%
56.3%	60.3	59.9	-0.4	-0.7%
57.5%	60.3	59.8	-0.5	-0.8%
58.8%	60.0	59.7	-0.2	-0.4%
60.0%	59.9	59.7	-0.2	-0.4%
61.3%	59.8	59.6	-0.2	-0.3%
62.5%	59.8	59.6	-0.1	-0.2%
63.8%	59.7	59.6	-0.1	-0.2%
65.0%	59.7	59.6	-0.1	-0.2%
66.3%	59.7	59.6	-0.1	-0.2%
67.5%	59.6	59.4	-0.2	-0.4%
68.8%	59.6	59.4	-0.2	-0.4%
70.0%	59.6	59.3	-0.2	-0.4%
71.3%	59.6	59.3	-0.3	-0.5%
72.5%	59.6	59.3	-0.3	-0.5%
73.8%	59.5	59.3	-0.2	-0.3%
75.0%	59.4	59.3	-0.2	-0.3%
76.3%	59.4	59.2	-0.2	-0.3%
77.5%	59.4	59.2	-0.2	-0.3%
78.8%	59.4	59.2	-0.2	-0.3%
80.0%	59.4	59.2	-0.2	-0.4%
81.3%	59.4	59.1	-0.2	-0.4%
82.5%	59.2	59.1	-0.1	-0.1%
83.8%	59.2	59.1	-0.1	-0.1%
85.0%	59.1	59.1	0.0	0.0%
86.3%	59.0	59.0	0.0	0.0%
87.5%	59.0	58.9	-0.1	-0.2%
88.8%	58.9	58.8	-0.1	-0.2%
90.0%	58.8	58.8	-0.1	-0.1%
91.3%	58.8	58.7	-0.1	-0.1%
92.5%	58.7	58.6	-0.1	-0.1%
93.8%	58.5	58.5	0.0	-0.1%
95.0%	58.4	58.5	0.0	0.1%
96.3%	58.3	58.2	-0.1	-0.2%
97.5%	58.1	58.1	0.0	0.0%
98.8%	57.6	57.3	-0.3	-0.5%
100.0%	57.3	57.1	-0.3	-0.5%

November				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.1	59.2	0.0	0.0%
1.3%	58.8	59.1	0.3	0.5%
2.5%	58.6	58.6	0.0	0.0%
3.8%	58.5	58.5	0.0	0.0%
5.0%	58.4	58.5	0.1	0.1%
6.3%	58.4	58.4	0.0	0.0%
7.5%	58.4	58.3	0.0	-0.1%
8.8%	58.3	58.3	-0.1	-0.1%
10.0%	58.2	58.2	0.0	0.0%
11.3%	58.1	58.2	0.1	0.1%
12.5%	58.1	58.1	0.1	0.1%
13.8%	58.0	58.1	0.0	0.1%
15.0%	58.0	58.1	0.1	0.1%
16.3%	58.0	58.0	-0.1	-0.1%
17.5%	57.9	57.8	-0.1	-0.2%
18.8%	57.9	57.8	-0.1	-0.2%
20.0%	57.8	57.8	-0.1	-0.1%
21.3%	57.8	57.7	-0.1	-0.2%
22.5%	57.7	57.7	0.0	-0.1%
23.8%	57.6	57.6	0.0	0.1%
25.0%	57.6	57.6	0.0	0.0%
26.3%	57.5	57.6	0.0	0.0%
27.5%	57.5	57.5	0.0	-0.1%
28.8%	57.5	57.5	0.0	-0.1%
30.0%	57.5	57.4	-0.1	-0.2%
31.3%	57.5	57.4	-0.1	-0.2%
32.5%	57.5	57.3	-0.1	-0.2%
33.8%	57.5	57.3	-0.1	-0.2%
35.0%	57.4	57.3	-0.1	-0.1%
36.3%	57.4	57.3	-0.1	-0.1%
37.5%	57.4	57.3	-0.1	-0.1%
38.8%	57.4	57.3	-0.1	-0.1%
40.0%	57.4	57.3	-0.1	-0.1%
41.3%	57.4	57.3	-0.1	-0.1%
42.5%	57.3	57.3	0.0	-0.1%
43.8%	57.3	57.2	-0.1	-0.1%
45.0%	57.3	57.2	-0.1	-0.1%
46.3%	57.2	57.2	0.0	-0.1%
47.5%	57.2	57.2	0.0	-0.1%
48.8%	57.2	57.1	0.0	-0.1%
50.0%	57.2	57.1	0.0	-0.1%
51.3%	57.1	57.1	0.0	0.0%
52.5%	57.1	57.1	0.0	0.1%
53.8%	57.0	57.1	0.1	0.1%
55.0%	57.0	57.1	0.1	0.1%
56.3%	57.0	57.1	0.1	0.2%
57.5%	57.0	57.0	0.0	0.0%
58.8%	56.8	56.9	0.1	0.1%
60.0%	56.8	56.8	0.1	0.1%
61.3%	56.8	56.8	0.0	0.1%
62.5%	56.8	56.8	0.1	0.1%
63.8%	56.7	56.8	0.0	0.0%
65.0%	56.7	56.7	0.0	0.0%
66.3%	56.7	56.7	0.0	0.0%
67.5%	56.7	56.7	0.0	0.0%
68.8%	56.7	56.6	0.0	0.0%
70.0%	56.5	56.6	0.1	0.2%
71.3%	56.5	56.5	0.0	0.0%
72.5%	56.5	56.5	0.0	0.0%
73.8%	56.5	56.5	0.0	0.0%
75.0%	56.5	56.5	0.0	0.0%
76.3%	56.4	56.4	0.0	-0.1%
77.5%	56.3	56.2	-0.1	-0.2%
78.8%	56.2	56.1	-0.1	-0.1%
80.0%	56.1	56.0	-0.1	-0.2%
81.3%	56.1	56.0	-0.1	-0.2%
82.5%	56.0	56.0	0.0	-0.1%
83.8%	56.0	55.9	-0.1	-0.2%
85.0%	55.8	55.8	0.0	-0.1%
86.3%	55.7	55.7	0.0	0.0%
87.5%	55.6	55.7	0.1	0.1%
88.8%	55.6	55.5	-0.1	-0.1%
90.0%	55.5	55.5	0.0	0.0%
91.3%	55.5	55.4	-0.1	-0.1%
92.5%	55.4	55.4	-0.1	-0.1%
93.8%	55.4	55.3	-0.1	-0.2%
95.0%	55.3	55.2	-0.1	-0.2%
96.3%	55.0	55.1	0.2	0.3%
97.5%	54.1	54.1	0.0	0.1%
98.8%	53.6	53.6	0.0	0.0%
100.0%	53.2	53.2	0.0	0.0%

December				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.1	54.2	0.1	0.1%
1.3%	53.9	53.8	-0.1	-0.1%
2.5%	53.8	53.7	-0.1	-0.1%
3.8%	53.7	53.6	-0.1	-0.1%
5.0%	53.2	53.3	0.1	0.2%
6.3%	53.1	53.3	0.1	0.2%
7.5%	53.1	53.2	0.1	0.2%
8.8%	53.1	52.9	-0.2	-0.3%
10.0%	52.8	52.9	0.1	0.2%
11.3%	52.8	52.9	0.1	0.3%
12.5%	52.7	52.6	-0.1	-0.2%
13.8%	52.6	52.6	0.0	0.0%
15.0%	52.5	52.5	0.0	-0.1%
16.3%	52.5	52.5	0.0	0.0%
17.5%	52.4	52.5	0.1	0.2%
18.8%	52.4	52.4	0.0	0.0%
20.0%	52.3	52.4	0.0	0.1%
21.3%	52.3	52.3	0.0	0.1%
22.5%	52.2	52.3	0.0	0.1%
23.8%	52.2	52.3	0.1	0.2%
25.0%	52.1	52.2	0.1	0.2%
26.3%	52.0	52.2	0.2	0.3%
27.5%	52.0	52.0	0.0	0.1%
28.8%	52.0	52.0	0.0	0.1%
30.0%	51.9	52.0	0.0	0.1%
31.3%	51.9	52.0	0.0	0.1%
32.5%	51.9	51.9	0.0	0.0%
33.8%	51.9	51.9	0.0	0.0%
35.0%	51.7	51.8	0.1	0.1%
36.3%	51.7	51.8	0.0	0.1%
37.5%	51.7	51.8	0.1	0.2%
38.8%	51.7	51.8	0.1	0.2%
40.0%	51.6	51.8	0.1	0.2%
41.3%	51.6	51.7	0.1	0.2%
42.5%	51.6	51.7	0.1	0.2%
43.8%	51.5	51.7	0.1	0.3%
45.0%	51.5	51.6	0.1	0.3%
46.3%	51.5	51.6	0.2	0.3%
47.5%	51.4	51.6	0.2	0.4%
48.8%	51.3	51.5	0.3	0.5%
50.0%	51.3	51.5	0.2	0.5%
51.3%	51.3	51.5	0.2	0.4%
52.5%	51.3	51.5	0.2	0.4%
53.8%	51.2	51.3	0.1	0.1%
55.0%	51.2	51.3	0.1	0.1%
56.3%	51.2	51.2	0.0	0.0%
57.5%	51.2	51.2	0.0	0.1%
58.8%	51.1	51.1	0.0	0.0%
60.0%	51.1	51.1	0.0	0.0%
61.3%	51.1	51.0	-0.1	-0.2%
62.5%	51.0	51.0	0.0	0.0%
63.8%	50.9	50.9	0.0	0.0%
65.0%	50.9	50.9	0.0	0.1%
66.3%	50.9	50.9	0.0	0.0%
67.5%	50.8	50.8	0.0	0.0%
68.8%	50.7	50.7	-0.1	-0.1%
70.0%	50.7	50.7	0.0	0.0%
71.3%	50.6	50.6	-0.1	-0.1%
72.5%	50.6	50.6	0.0	0.0%
73.8%	50.5	50.5	0.1	0.2%
75.0%	50.3	50.5	0.2	0.3%
76.3%	50.3	50.3	0.0	0.1%
77.5%	50.3	50.3	0.0	0.1%
78.8%	50.3	50.3	0.1	0.2%
80.0%	50.2	50.3	0.1	0.2%
81.3%	50.2	50.3	0.1	0.2%
82.5%	50.1	50.2	0.0	0.1%
83.8%	50.0	50.1	0.1	0.2%
85.0%	49.9	50.0	0.0	0.0%
86.3%	49.9	49.9	0.0	0.0%
87.5%	49.8	49.8	0.1	0.1%
88.8%	49.4	49.8	0.3	0.6%
90.0%	49.4	49.4	0.0	0.0%
91.3%	49.2	49.4	0.1	0.2%
92.5%	49.2	49.3	0.1	0.2%
93.8%	49.2	49.2	0.0	0.0%
95.0%	49.2	49.1	-0.1	-0.2%
96.3%	49.0	49.0	0.0	0.0%
97.5%	49.0	48.9	0.0	-0.1%
98.8%	47.1	47.7	0.7	1.4%
100.0%	46.9	47.5	0.6	1.3%

January				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.8	50.5	-0.3	-0.6%
1.3%	50.2	50.2	0.0	0.1%
2.5%	49.5	49.8	0.3	0.6%
3.8%	49.5	49.5	0.0	0.0%
5.0%	49.4	49.4	0.0	0.0%
6.3%	49.3	49.3	0.0	0.0%
7.5%	49.3	49.3	0.0	0.0%
8.8%	49.3	49.3	0.0	0.1%
10.0%	49.3	49.3	0.0	0.0%
11.3%	49.1	49.1	0.0	0.0%
12.5%	49.0	49.0	0.0	0.0%
13.8%	48.9	48.8	0.0	-0.1%
15.0%	48.8	48.8	0.0	-0.1%
16.3%	48.7	48.8	0.1	0.1%
17.5%	48.7	48.8	0.1	0.3%
18.8%	48.6	48.7	0.2	0.3%
20.0%	48.5	48.6	0.1	0.1%
21.3%	48.5	48.5	0.0	0.0%
22.5%	48.4	48.5	0.1	0.1%
23.8%	48.4	48.5	0.1	0.2%
25.0%	48.3	48.4	0.1	0.3%
26.3%	48.3	48.4	0.1	0.2%
27.5%	48.3	48.3	0.1	0.2%
28.8%	48.2	48.3	0.1	0.1%
30.0%	48.2	48.2	0.0	0.0%
31.3%	48.2	48.1	0.0	-0.1%
32.5%	48.1	48.1	0.0	0.0%
33.8%	48.1	48.1	0.0	0.1%
35.0%	48.1	48.0	0.0	-0.1%
36.3%	48.0	48.0	0.0	-0.1%
37.5%	48.0	48.0	0.0	0.0%
38.8%	47.9	48.0	0.0	0.0%
40.0%	47.9	47.9	0.0	0.0%
41.3%	47.8	47.8	0.0	0.0%
42.5%	47.8	47.8	0.0	0.0%
43.8%	47.6	47.7	0.1	0.3%
45.0%	47.5	47.5	0.0	0.0%
46.3%	47.4	47.5	0.1	0.1%
47.5%	47.4	47.4	0.0	0.1%
48.8%	47.3	47.3	0.0	0.0%
50.0%	47.3	47.3	0.0	0.0%
51.3%	47.3	47.3	0.0	0.0%
52.5%	47.3	47.3	0.0	0.0%
53.8%	47.2	47.3	0.0	0.0%
55.0%	47.2	47.2	0.0	0.0%
56.3%	47.2	47.2	0.0	0.1%
57.5%	47.2	47.2	0.0	0.0%
58.8%	47.2	47.2	0.0	-0.1%
60.0%	47.1	47.1	0.0	0.0%
61.3%	47.1	47.1	0.0	0.0%
62.5%	47.0	47.0	0.0	-0.1%
63.8%	47.0	47.0	-0.1	-0.1%
65.0%	47.0	47.0	0.0	-0.1%
66.3%	47.0	46.9	-0.1	-0.1%
67.5%	47.0	46.8	-0.2	-0.3%
68.8%	46.8	46.8	0.0	0.1%
70.0%	46.8	46.8	0.0	0.0%
71.3%	46.8	46.8	0.0	0.0%
72.5%	46.7	46.7	0.0	0.0%
73.8%	46.6	46.6	0.1	0.1%
75.0%	46.6	46.6	0.0	0.1%
76.3%	46.4	46.5	0.1	0.3%
77.5%	46.3	46.4	0.0	0.1%
78.8%	46.3	46.4	0.1	0.2%
80.0%	46.3	46.4	0.1	0.2%
81.3%	46.2	46.4	0.2	0.3%
82.5%	46.2	46.3	0.1	0.2%
83.8%	46.1	46.3	0.2	0.4%
85.0%	46.1	46.3	0.1	0.3%
86.3%	46.1	46.2	0.2	0.3%
87.5%	46.0	46.2	0.1	0.3%
88.8%	46.0	46.1	0.2	0.4%
90.0%	45.9	46.1	0.2	0.5%
91.3%	45.8	46.0	0.2	0.5%
92.5%	45.8	45.8	0.0	0.0%
93.8%	45.4	45.5	0.2	0.4%
95.0%	45.4	45.5	0.1	0.3%
96.3%	45.3	45.4	0.1	0.2%
97.5%	45.3	45.1	-0.1	-0.3%
98.8%	45.2	45.1	0.0	0.0%
100.0%	44.5	44.7	0.1	0.3%

Table SQ-39-2b

American River below Nimbus Dam, Monthly Temperature
Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	51.0	50.7	-0.2	-0.4%
1.3%	50.8	50.4	-0.3	-0.7%
2.5%	50.4	50.4	0.0	0.0%
3.8%	50.4	50.3	-0.1	-0.2%
5.0%	50.2	50.2	0.0	-0.1%
6.3%	50.2	50.1	0.0	-0.1%
7.5%	50.1	50.1	0.0	0.0%
8.8%	49.9	50.1	0.2	0.5%
10.0%	49.8	49.9	0.1	0.2%
11.3%	49.7	49.9	0.2	0.3%
12.5%	49.7	49.8	0.1	0.2%
13.8%	49.7	49.8	0.0	0.1%
15.0%	49.7	49.7	0.1	0.2%
16.3%	49.6	49.7	0.1	0.2%
17.5%	49.6	49.7	0.1	0.2%
18.8%	49.6	49.7	0.1	0.2%
20.0%	49.5	49.6	0.1	0.2%
21.3%	49.2	49.3	0.1	0.2%
22.5%	49.2	49.3	0.1	0.2%
23.8%	49.2	49.3	0.0	0.1%
25.0%	49.2	49.3	0.1	0.2%
26.3%	49.1	49.3	0.1	0.2%
27.5%	49.1	49.2	0.1	0.3%
28.8%	49.1	49.1	0.0	0.0%
30.0%	49.0	49.0	0.0	0.1%
31.3%	49.0	49.0	0.0	0.1%
32.5%	48.9	48.9	0.0	-0.1%
33.8%	48.9	48.8	0.0	-0.1%
35.0%	48.8	48.8	0.0	0.0%
36.3%	48.7	48.8	0.1	0.2%
37.5%	48.6	48.8	0.2	0.3%
38.8%	48.6	48.6	0.0	0.0%
40.0%	48.6	48.6	0.0	0.0%
41.3%	48.6	48.6	0.0	0.0%
42.5%	48.5	48.5	0.0	0.0%
43.8%	48.5	48.5	0.0	0.1%
45.0%	48.5	48.5	0.0	0.1%
46.3%	48.4	48.5	0.1	0.1%
47.5%	48.4	48.5	0.1	0.1%
48.8%	48.4	48.3	-0.1	-0.1%
50.0%	48.4	48.3	0.0	-0.1%
51.3%	48.4	48.3	0.0	-0.1%
52.5%	48.3	48.3	0.0	-0.1%
53.8%	48.3	48.2	-0.1	-0.3%
55.0%	48.3	48.2	-0.1	-0.2%
56.3%	48.2	48.1	0.0	-0.1%
57.5%	48.1	48.1	0.0	0.1%
58.8%	48.0	48.0	0.0	0.0%
60.0%	48.0	48.0	-0.1	-0.2%
61.3%	48.0	47.8	-0.2	-0.4%
62.5%	48.0	47.8	-0.2	-0.4%
63.8%	47.9	47.7	-0.2	-0.3%
65.0%	47.7	47.7	0.0	-0.1%
66.3%	47.5	47.6	0.0	0.1%
67.5%	47.5	47.5	0.0	0.0%
68.8%	47.5	47.5	0.0	0.0%
70.0%	47.4	47.5	0.1	0.2%
71.3%	47.4	47.5	0.1	0.2%
72.5%	47.3	47.5	0.1	0.2%
73.8%	47.3	47.4	0.1	0.2%
75.0%	47.3	47.3	0.0	0.1%
76.3%	47.3	47.3	0.1	0.1%
77.5%	47.1	47.3	0.2	0.4%
78.8%	47.1	47.2	0.1	0.2%
80.0%	47.0	47.1	0.0	0.0%
81.3%	47.0	47.0	0.0	0.0%
82.5%	46.8	46.8	0.0	0.0%
83.8%	46.8	46.8	0.0	0.0%
85.0%	46.7	46.7	0.0	-0.1%
86.3%	46.7	46.6	-0.1	-0.2%
87.5%	46.5	46.5	0.0	0.0%
88.8%	46.4	46.5	0.1	0.3%
90.0%	46.3	46.3	0.0	0.0%
91.3%	46.3	46.1	-0.1	-0.3%
92.5%	46.1	46.1	0.0	-0.1%
93.8%	46.0	46.0	-0.1	-0.2%
95.0%	45.8	45.8	-0.1	-0.1%
96.3%	45.8	45.5	-0.3	-0.6%
97.5%	45.5	45.4	-0.1	-0.2%
98.8%	45.2	45.3	0.1	0.3%
100.0%	45.1	45.2	0.1	0.3%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.1	55.3	1.2	2.1%
1.3%	54.1	54.3	0.2	0.4%
2.5%	54.0	53.7	-0.3	-0.6%
3.8%	53.3	53.3	0.1	0.2%
5.0%	53.2	53.2	0.1	0.1%
6.3%	53.0	53.0	0.0	0.1%
7.5%	52.9	52.7	-0.2	-0.4%
8.8%	52.8	52.5	-0.2	-0.5%
10.0%	52.4	52.4	0.0	-0.1%
11.3%	52.3	52.3	-0.1	-0.1%
12.5%	52.3	52.2	-0.1	-0.2%
13.8%	52.3	52.2	-0.1	-0.2%
15.0%	52.2	52.1	-0.1	-0.1%
16.3%	52.1	52.1	0.0	-0.1%
17.5%	52.0	52.1	0.1	0.2%
18.8%	51.9	52.0	0.1	0.1%
20.0%	51.9	52.0	0.0	0.1%
21.3%	51.8	51.9	0.1	0.3%
22.5%	51.8	51.8	0.0	0.1%
23.8%	51.7	51.7	0.0	0.0%
25.0%	51.6	51.7	0.1	0.1%
26.3%	51.6	51.7	0.1	0.1%
27.5%	51.5	51.7	0.1	0.2%
28.8%	51.5	51.6	0.1	0.2%
30.0%	51.4	51.5	0.1	0.3%
31.3%	51.3	51.4	0.1	0.2%
32.5%	51.3	51.4	0.1	0.2%
33.8%	51.3	51.3	0.1	0.1%
35.0%	51.2	51.2	0.0	-0.1%
36.3%	51.2	51.0	-0.2	-0.4%
37.5%	51.2	51.0	-0.2	-0.5%
38.8%	51.2	50.9	-0.3	-0.6%
40.0%	51.2	50.9	-0.3	-0.6%
41.3%	51.0	50.8	-0.2	-0.4%
42.5%	51.0	50.8	-0.2	-0.3%
43.8%	50.9	50.8	-0.1	-0.2%
45.0%	50.9	50.7	-0.1	-0.3%
46.3%	50.8	50.7	-0.1	-0.1%
47.5%	50.7	50.7	0.0	-0.1%
48.8%	50.6	50.7	0.0	0.0%
50.0%	50.6	50.6	0.0	0.0%
51.3%	50.6	50.6	0.0	0.0%
52.5%	50.6	50.5	-0.1	-0.1%
53.8%	50.5	50.5	0.0	0.1%
55.0%	50.4	50.5	0.1	0.1%
56.3%	50.4	50.5	0.1	0.2%
57.5%	50.3	50.4	0.1	0.2%
58.8%	50.3	50.4	0.1	0.2%
60.0%	50.3	50.3	0.1	0.2%
61.3%	50.2	50.3	0.1	0.2%
62.5%	50.2	50.3	0.1	0.1%
63.8%	50.2	50.2	0.0	0.0%
65.0%	50.1	50.2	0.1	0.1%
66.3%	50.1	50.2	0.1	0.1%
67.5%	50.0	50.2	0.2	0.3%
68.8%	49.9	50.1	0.2	0.3%
70.0%	49.9	50.0	0.2	0.3%
71.3%	49.7	50.0	0.3	0.6%
72.5%	49.7	50.0	0.3	0.6%
73.8%	49.7	49.9	0.2	0.4%
75.0%	49.7	49.8	0.1	0.3%
76.3%	49.6	49.6	0.0	0.0%
77.5%	49.5	49.6	0.0	0.1%
78.8%	49.5	49.5	0.0	0.0%
80.0%	49.5	49.5	-0.1	-0.1%
81.3%	49.5	49.4	-0.1	-0.1%
82.5%	49.4	49.4	0.0	0.1%
83.8%	49.2	49.4	0.2	0.5%
85.0%	49.1	49.2	0.1	0.2%
86.3%	49.1	49.2	0.1	0.2%
87.5%	49.1	49.1	0.0	0.0%
88.8%	49.1	49.0	-0.1	-0.1%
90.0%	49.0	49.0	0.0	0.0%
91.3%	48.8	49.0	0.1	0.2%
92.5%	48.8	48.8	0.0	0.1%
93.8%	48.7	48.7	0.0	-0.1%
95.0%	48.5	48.5	0.0	0.0%
96.3%	48.3	48.3	0.0	-0.1%
97.5%	48.3	48.2	-0.1	-0.1%
98.8%	48.2	48.0	-0.2	-0.3%
100.0%	48.0	47.7	-0.3	-0.7%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.8	60.5	0.7	1.1%
1.3%	59.1	57.3	-1.8	-3.0%
2.5%	56.9	56.8	-0.1	-0.1%
3.8%	56.8	56.5	-0.3	-0.4%
5.0%	56.7	56.3	-0.3	-0.5%
6.3%	56.4	56.3	-0.1	-0.2%
7.5%	56.1	56.2	0.1	0.1%
8.8%	55.7	55.9	0.2	0.3%
10.0%	55.5	55.8	0.3	0.6%
11.3%	55.3	55.6	0.3	0.5%
12.5%	55.3	55.4	0.1	0.2%
13.8%	55.3	55.4	0.1	0.1%
15.0%	55.3	55.4	0.1	0.2%
16.3%	55.2	55.3	0.0	0.0%
17.5%	55.2	55.1	0.0	-0.1%
18.8%	55.1	55.1	0.0	0.0%
20.0%	55.0	55.1	0.1	0.1%
21.3%	54.9	54.9	0.0	0.0%
22.5%	54.8	54.8	0.1	0.2%
23.8%	54.7	54.8	0.1	0.1%
25.0%	54.7	54.7	0.1	0.1%
26.3%	54.5	54.7	0.2	0.3%
27.5%	54.5	54.5	0.0	0.0%
28.8%	54.4	54.4	0.1	0.1%
30.0%	54.3	54.4	0.1	0.1%
31.3%	54.3	54.3	0.0	0.0%
32.5%	54.3	54.3	0.0	0.0%
33.8%	54.2	54.3	0.1	0.1%
35.0%	54.2	54.3	0.0	0.1%
36.3%	54.2	54.2	0.0	-0.1%
37.5%	53.9	54.1	0.2	0.4%
38.8%	53.8	54.0	0.2	0.4%
40.0%	53.8	54.0	0.2	0.3%
41.3%	53.7	53.9	0.2	0.3%
42.5%	53.5	53.9	0.3	0.6%
43.8%	53.5	53.9	0.3	0.6%
45.0%	53.5	53.8	0.3	0.6%
46.3%	53.5	53.6	0.1	0.3%
47.5%	53.5	53.6	0.2	0.3%
48.8%	53.4	53.6	0.2	0.3%
50.0%	53.4	53.5	0.1	0.2%
51.3%	53.4	53.4	0.0	0.1%
52.5%	53.3	53.3	0.1	0.1%
53.8%	53.3	53.2	0.0	0.0%
55.0%	53.2	53.2	0.0	0.0%
56.3%	53.2	53.2	0.0	0.0%
57.5%	53.1	53.2	0.1	0.2%
58.8%	53.1	53.1	0.1	0.1%
60.0%	53.0	53.1	0.1	0.1%
61.3%	53.0	53.1	0.1	0.2%
62.5%	52.9	52.9	0.0	0.1%
63.8%	52.8	52.9	0.1	0.1%
65.0%	52.8	52.9	0.0	0.1%
66.3%	52.8	52.8	0.0	0.0%
67.5%	52.7	52.8	0.1	0.2%
68.8%	52.7	52.7	0.0	0.0%
70.0%	52.7	52.6	0.0	-0.1%
71.3%	52.6	52.6	0.1	0.1%
72.5%	52.5	52.6	0.1	0.1%
73.8%	52.5	52.5	0.0	0.0%
75.0%	52.5	52.4	0.0	-0.1%
76.3%	52.3	52.4	0.0	0.1%
77.5%	52.3	52.3	0.1	0.2%
78.8%	52.3	52.3	0.0	0.0%
80.0%	52.2	52.3	0.0	0.1%
81.3%	52.2	52.3	0.1	0.1%
82.5%	52.2	52.1	-0.1	-0.2%
83.8%	52.1	52.0	-0.1	-0.2%
85.0%	52.0	51.9	-0.1	-0.1%
86.3%	51.8	51.9	0.1	0.3%
87.5%	51.8	51.8	0.0	0.1%
88.8%	51.7	51.8	0.1	0.2%
90.0%	51.6	51.6	0.0	-0.1%
91.3%	51.5	51.5	0.0	0.1%
92.5%	51.4	51.4	0.0	-0.1%
93.8%	51.3	51.3	0.0	0.1%
95.0%	51.2	51.1	-0.1	-0.2%
96.3%	51.2	50.9	-0.3	-0.5%
97.5%	51.0	50.8	-0.3	-0.5%
98.8%	50.9	50.7	-0.2	-0.4%
100.0%	50.6	50.7	0.1	0.1%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.4	64.7	-0.7	-1.1%
1.3%	65.2	62.5	-2.6	-4.1%
2.5%	63.9	62.2	-1.7	-2.6%
3.8%	61.3	61.1	-0.2	-0.3%
5.0%	60.8	60.9	0.1	0.1%
6.3%	60.6	60.5	-0.1	-0.1%
7.5%	59.7	60.2	0.5	0.8%
8.8%	59.5	59.8	0.2	0.4%
10.0%	59.4	59.3	-0.1	-0.1%
11.3%	59.3	59.2	-0.1	-0.2%
12.5%	58.6	58.8	0.3	0.4%
13.8%	58.5	58.7	0.2	0.3%
15.0%	58.3	58.7	0.4	0.7%
16.3%	58.1	58.5	0.4	0.7%
17.5%	58.1	58.1	0.0	0.0%
18.8%	57.9	58.0	0.1	0.1%
20.0%	57.8	57.9	0.1	0.1%
21.3%	57.8	57.6	-0.3	-0.5%
22.5%	57.4	57.3	-0.1	-0.2%
23.8%	57.3	57.2	0.0	-0.1%
25.0%	57.2	57.1	-0.2	-0.3%
26.3%	57.1	56.8	-0.3	-0.5%
27.5%	57.1	56.8	-0.3	-0.5%
28.8%	57.1	56.7	-0.3	-0.6%
30.0%	57.0	56.6	-0.4	-0.7%
31.3%	56.9	56.6	-0.3	-0.6%
32.5%	56.8	56.5	-0.3	-0.6%
33.8%	56.8	56.4	-0.3	-0.5%
35.0%	56.6	56.4	-0.2	-0.3%
36.3%	56.4	56.3	-0.1	-0.1%
37.5%	56.3	56.2	-0.2	-0.3%
38.8%	56.2	55.9	-0.3	-0.6%
40.0%	55.7	55.5	-0.2	-0.3%
41.3%	55.3	55.5	0.1	0.2%
42.5%	55.2	55.3	0.2	0.3%
43.8%	55.1	55.2	0.1	0.1%
45.0%	55.1	55.1	0.0	0.0%
46.3%	55.0	55.1	0.0	0.0%
47.5%	55.0	55.0	0.0	0.0%
48.8%	54.9	54.9	0.1	0.1%
50.0%	54.8	54.9	0.0	0.1%
51.3%	54.8	54.9	0.0	0.1%
52.5%	54.7	54.8	0.1	0.2%
53.8%	54.7	54.8	0.1	0.2%
55.0%	54.7	54.8	0.1	0.2%
56.3%	54.6	54.7	0.1	0.2%
57.5%	54.5	54.7	0.2	0.3%
58.8%	54.4	54.7	0.3	0.5%
60.0%	54.4	54.6	0.2	0.4%
61.3%	54.2	54.5	0.2	0.4%
62.5%	54.1	54.4	0.3	0.5%
63.8%	54.1	54.2	0.2	0.3%
65.0%	54.0	54.1	0.1	0.2%
66.3%	54.0	54.1	0.1	0.2%
67.5%	54.0	54.1	0.1	0.2%
68.8%	53.8	54.1	0.3	0.5%
70.0%	53.8	54.0	0.2	0.4%
71.3%	53.7	54.0	0.3	0.5%
72.5%	53.7	54.0	0.3	0.6%
73.8%	53.6	53.7	0.1	0.1%
75.0%	53.6	53.6	0.0	0.0%
76.3%	53.6	53.6	0.0	0.1%
77.5%	53.5	53.6	0.0	0.1%
78.8%	53.5	53.6	0.1	0.1%
80.0%	53.5	53.6	0.1	0.1%
81.3%	53.5	53.5	0.0	0.0%
82.5%	53.4	53.4	0.0	0.0%
83.8%	53.4	53.4	0.0	-0.1%
85.0%	53.3	53.4	0.1	0.2%
86.3%	53.2	53.3	0.0	0.1%
87.5%	53.0	53.0	0.0	-0.1%
88.8%	52.9	53.0	0.1	0.2%
90.0%	52.8	53.0	0.2	0.3%
91.3%	52.8	53.0	0.2	0.4%
92.5%	52.7	52.6	-0.1	-0.2%
93.8%	52.6	52.6	0.0	0.1%
95.0%	52.5	52.4	-0.1	-0.2%
96.3%	52.3	52.2	-0.2	-0.3%
97.5%	52.2	52.1	-0.1	-0.2%
98.8%	52.1	51.5	-0.6	-1.2%
100.0%	51.4	51.3	-0.1	-0.2%

Table SQ-39-2b

American River below Nimbus Dam, Monthly Temperature
Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	69.5	70.1	0.6	0.8%
1.3%	67.8	69.4	1.6	2.4%
2.5%	67.2	68.4	1.2	1.8%
3.8%	66.0	66.8	0.7	1.1%
5.0%	64.6	63.3	-1.3	-2.0%
6.3%	62.8	62.3	-0.5	-0.8%
7.5%	62.4	62.0	-0.5	-0.8%
8.8%	62.0	61.9	-0.1	-0.2%
10.0%	61.7	61.8	0.2	0.3%
11.3%	61.2	61.8	0.6	1.0%
12.5%	61.0	61.0	0.0	0.0%
13.8%	61.0	61.0	0.0	-0.1%
15.0%	60.9	60.9	0.0	0.0%
16.3%	60.8	60.8	0.0	0.0%
17.5%	60.7	60.7	0.0	0.0%
18.8%	60.7	60.6	-0.1	-0.2%
20.0%	60.6	60.6	0.0	0.0%
21.3%	60.6	60.4	-0.2	-0.2%
22.5%	60.5	60.2	-0.2	-0.4%
23.8%	60.3	60.2	-0.1	-0.2%
25.0%	60.3	60.2	-0.1	-0.1%
26.3%	60.2	60.0	-0.2	-0.3%
27.5%	60.0	59.7	-0.3	-0.5%
28.8%	59.7	59.6	-0.1	-0.1%
30.0%	59.6	59.5	0.0	0.0%
31.3%	59.4	59.5	0.1	0.1%
32.5%	59.4	59.2	-0.2	-0.3%
33.8%	59.0	59.2	0.1	0.2%
35.0%	58.9	58.7	-0.2	-0.3%
36.3%	58.8	58.7	0.0	-0.1%
37.5%	58.5	58.4	-0.1	-0.1%
38.8%	58.5	58.4	-0.1	-0.1%
40.0%	58.3	58.3	-0.1	-0.1%
41.3%	58.3	58.2	-0.1	-0.1%
42.5%	58.2	58.2	0.0	0.0%
43.8%	57.9	57.7	-0.3	-0.4%
45.0%	57.6	57.6	0.0	-0.1%
46.3%	57.5	57.6	0.1	0.2%
47.5%	57.4	57.6	0.1	0.2%
48.8%	57.3	57.5	0.2	0.3%
50.0%	57.3	57.5	0.2	0.3%
51.3%	57.3	57.4	0.2	0.3%
52.5%	57.3	57.4	0.2	0.3%
53.8%	57.2	57.4	0.2	0.3%
55.0%	57.2	57.4	0.2	0.3%
56.3%	57.2	57.3	0.1	0.2%
57.5%	57.1	57.3	0.2	0.3%
58.8%	57.1	57.2	0.2	0.3%
60.0%	57.0	57.2	0.1	0.2%
61.3%	57.0	57.1	0.1	0.2%
62.5%	57.0	57.1	0.1	0.2%
63.8%	56.8	57.1	0.3	0.4%
65.0%	56.8	57.0	0.2	0.4%
66.3%	56.8	57.0	0.3	0.5%
67.5%	56.7	57.0	0.3	0.5%
68.8%	56.7	56.9	0.3	0.5%
70.0%	56.6	56.9	0.2	0.4%
71.3%	56.6	56.8	0.3	0.5%
72.5%	56.5	56.7	0.2	0.3%
73.8%	56.4	56.7	0.3	0.5%
75.0%	56.3	56.5	0.2	0.4%
76.3%	56.2	56.3	0.0	0.1%
77.5%	56.1	56.3	0.1	0.2%
78.8%	56.1	56.3	0.2	0.3%
80.0%	56.0	56.2	0.2	0.4%
81.3%	55.9	56.1	0.1	0.2%
82.5%	55.9	56.0	0.1	0.1%
83.8%	55.9	55.8	0.0	-0.1%
85.0%	55.8	55.8	0.0	0.0%
86.3%	55.8	55.8	0.0	0.0%
87.5%	55.7	55.7	0.0	0.0%
88.8%	55.6	55.5	-0.1	-0.3%
90.0%	55.5	55.5	0.0	-0.1%
91.3%	55.5	55.4	-0.1	-0.2%
92.5%	55.4	55.1	-0.2	-0.4%
93.8%	55.2	55.1	0.0	-0.1%
95.0%	55.1	55.1	0.0	0.1%
96.3%	54.6	54.6	0.0	-0.1%
97.5%	54.2	54.0	-0.2	-0.4%
98.8%	54.1	54.0	-0.1	-0.2%
100.0%	53.6	53.6	0.0	-0.1%

July				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	76.1	76.7	0.6	0.8%
1.3%	69.5	73.3	3.8	5.5%
2.5%	69.2	70.4	1.3	1.8%
3.8%	67.8	68.7	1.0	1.4%
5.0%	67.5	66.8	-0.8	-1.1%
6.3%	66.7	65.3	-1.4	-2.1%
7.5%	65.5	65.2	-0.3	-0.5%
8.8%	64.2	65.1	0.8	1.3%
10.0%	63.9	64.0	0.1	0.2%
11.3%	63.9	63.9	0.1	0.1%
12.5%	63.8	63.8	0.1	0.1%
13.8%	63.6	63.5	0.0	-0.1%
15.0%	63.3	63.4	0.2	0.3%
16.3%	63.1	63.3	0.2	0.3%
17.5%	63.0	62.6	-0.4	-0.6%
18.8%	63.0	62.5	-0.5	-0.7%
20.0%	62.7	62.4	-0.3	-0.4%
21.3%	62.4	62.4	0.0	0.0%
22.5%	62.2	62.2	0.0	0.0%
23.8%	61.9	62.0	0.1	0.2%
25.0%	61.9	61.7	-0.1	-0.2%
26.3%	61.7	61.7	0.1	0.1%
27.5%	61.7	61.6	-0.1	-0.1%
28.8%	61.6	61.5	-0.1	-0.1%
30.0%	61.5	61.5	0.0	0.0%
31.3%	61.5	61.5	0.0	0.0%
32.5%	61.4	61.5	0.0	0.0%
33.8%	61.4	61.4	0.0	0.1%
35.0%	61.4	61.4	0.0	0.0%
36.3%	61.4	61.3	0.0	0.0%
37.5%	61.3	61.3	0.0	0.1%
38.8%	61.3	61.3	0.0	0.1%
40.0%	61.3	61.3	0.0	0.1%
41.3%	61.3	61.2	0.0	-0.1%
42.5%	61.2	61.1	0.0	-0.1%
43.8%	61.2	61.1	0.0	-0.1%
45.0%	61.1	61.0	-0.1	-0.2%
46.3%	61.0	61.0	0.0	0.0%
47.5%	61.0	61.0	0.0	0.0%
48.8%	61.0	60.9	0.0	0.0%
50.0%	61.0	60.8	-0.1	-0.2%
51.3%	60.9	60.6	-0.3	-0.5%
52.5%	60.8	60.6	-0.3	-0.4%
53.8%	60.6	60.5	-0.1	-0.1%
55.0%	60.5	60.5	0.0	-0.1%
56.3%	60.3	60.5	0.2	0.3%
57.5%	60.3	60.4	0.2	0.2%
58.8%	60.3	60.3	0.1	0.1%
60.0%	60.2	60.3	0.1	0.1%
61.3%	60.1	60.2	0.1	0.2%
62.5%	60.0	60.2	0.2	0.3%
63.8%	60.0	60.2	0.1	0.2%
65.0%	60.0	60.1	0.1	0.2%
66.3%	59.9	60.1	0.1	0.2%
67.5%	59.9	60.0	0.1	0.2%
68.8%	59.9	60.0	0.1	0.2%
70.0%	59.9	59.9	0.1	0.1%
71.3%	59.8	59.9	0.0	0.1%
72.5%	59.8	59.9	0.1	0.2%
73.8%	59.7	59.8	0.1	0.2%
75.0%	59.7	59.8	0.1	0.2%
76.3%	59.7	59.8	0.1	0.1%
77.5%	59.6	59.7	0.1	0.2%
78.8%	59.4	59.5	0.1	0.2%
80.0%	59.3	59.5	0.1	0.2%
81.3%	59.3	59.4	0.0	0.1%
82.5%	59.3	59.3	0.0	0.0%
83.8%	59.3	59.2	0.0	-0.1%
85.0%	59.2	59.2	0.0	0.0%
86.3%	59.1	59.1	0.0	0.1%
87.5%	59.1	59.1	0.0	0.0%
88.8%	59.0	59.0	0.0	-0.1%
90.0%	59.0	59.0	0.0	0.0%
91.3%	59.0	58.7	-0.3	-0.5%
92.5%	58.7	58.6	-0.1	-0.2%
93.8%	58.6	58.5	-0.1	-0.1%
95.0%	58.4	58.4	0.0	-0.1%
96.3%	57.7	57.7	0.0	-0.1%
97.5%	57.5	57.5	0.0	0.0%
98.8%	56.8	56.6	-0.2	-0.3%
100.0%	56.3	56.2	0.0	0.0%

August				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	76.7	75.4	-1.3	-1.6%
1.3%	72.8	71.9	-0.9	-1.2%
2.5%	71.4	69.7	-1.7	-2.4%
3.8%	68.7	68.4	-0.3	-0.4%
5.0%	68.3	67.6	-0.7	-1.0%
6.3%	67.8	66.0	-1.8	-2.7%
7.5%	65.7	65.0	-0.8	-1.1%
8.8%	65.5	64.7	-0.8	-1.2%
10.0%	65.2	64.6	-0.6	-0.9%
11.3%	65.0	64.3	-0.7	-1.1%
12.5%	64.2	64.3	0.1	0.2%
13.8%	64.0	63.8	-0.2	-0.3%
15.0%	63.9	63.8	-0.1	-0.1%
16.3%	63.8	63.7	0.0	-0.1%
17.5%	63.8	63.5	-0.3	-0.4%
18.8%	63.6	63.4	-0.3	-0.4%
20.0%	63.4	63.3	0.0	-0.1%
21.3%	63.3	63.3	0.0	-0.1%
22.5%	63.1	63.2	0.1	0.1%
23.8%	63.0	63.2	0.2	0.3%
25.0%	63.0	63.0	0.0	0.0%
26.3%	62.9	62.9	0.0	0.0%
27.5%	62.7	62.8	0.1	0.1%
28.8%	62.7	62.8	0.1	0.2%
30.0%	62.7	62.6	0.0	0.0%
31.3%	62.6	62.5	-0.2	-0.3%
32.5%	62.4	62.4	0.0	0.0%
33.8%	62.4	62.4	0.0	0.0%
35.0%	62.3	62.3	0.0	0.0%
36.3%	62.3	62.3	0.0	0.0%
37.5%	62.1	62.3	0.2	0.3%
38.8%	62.1	62.3	0.2	0.3%
40.0%	62.0	62.3	0.3	0.4%
41.3%	62.0	62.3	0.3	0.5%
42.5%	61.9	62.2	0.3	0.5%
43.8%	61.9	62.2	0.3	0.4%
45.0%	61.9	62.1	0.2	0.4%
46.3%	61.9	62.0	0.1	0.2%
47.5%	61.8	61.9	0.1	0.1%
48.8%	61.8	61.9	0.1	0.2%
50.0%	61.8	61.8	0.1	0.1%
51.3%	61.8	61.7	0.0	-0.1%
52.5%	61.8	61.6	-0.1	-0.2%
53.8%	61.5	61.6	0.1	0.1%
55.0%	61.5	61.6	0.0	0.1%
56.3%	61.4	61.6	0.1	0.2%
57.5%	61.4	61.6	0.2	0.3%
58.8%	61.3	61.5	0.2	0.3%
60.0%	61.3	61.3	0.0	0.0%
61.3%	61.3	61.2	-0.1	-0.2%
62.5%	61.2	61.1	-0.1	-0.2%
63.8%	61.2	61.1	-0.1	-0.2%
65.0%	61.2	61.1	-0.1	-0.2%
66.3%	61.1	61.0	-0.1	-0.2%
67.5%	61.1	61.0	-0.2	-0.3%
68.8%	61.1	60.8	-0.2	-0.3%
70.0%	60.9	60.8	-0.1	-0.1%
71.3%	60.8	60.7	-0.1	-0.1%
72.5%	60.7	60.7	0.0	0.0%
73.8%	60.7	60.6	0.0	0.0%
75.0%	60.6	60.6	0.0	0.0%
76.3%	60.6	60.6	0.0	0.0%
77.5%	60.6	60.4	-0.2	-0.4%
78.8%	60.5	60.4	-0.1	-0.2%
80.0%	60.4	60.2	-0.2	-0.3%
81.3%	60.2	60.2	-0.1	-0.1%
82.5%	60.1	60.1	0.0	0.0%
83.8%	60.0	60.0	0.0	0.1%
85.0%	59.9	60.0	0.2	0.3%
86.3%	59.8	60.0	0.2	0.3%
87.5%	59.8	60.0	0.2	0.3%
88.8%	59.6	59.8	0.3	0.4%
90.0%	59.5	59.8	0.3	0.5%
91.3%	59.5	59.8	0.3	0.4%
92.5%	59.5	59.7	0.2	0.4%
93.8%	59.4	59.7	0.3	0.6%
95.0%	59.2	59.7	0.5	0.9%
96.3%	58.9	59.7	0.8	1.3%
97.5%	58.8	59.4	0.6	1.0%
98.8%	58.8	59.0	0.2	0.4%
100.0%	58.7	58.6	-0.1	-0.2%

September				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	72.5	71.3	-1.2	-1.6%
1.3%	71.5	71.0	-0.4	-0.6%
2.5%	70.8	69.3	-1.5	-2.2%
3.8%	68.7	69.2	0.5	0.7%
5.0%	67.5	66.9	-0.6	-0.9%
6.3%	67.4	66.4	-1.0	-1.5%
7.5%	66.4	66.3	-0.1	-0.2%
8.8%	66.3	66.0	-0.3	-0.4%
10.0%	66.2	65.3	-0.9	-1.3%
11.3%	65.5	64.9	-0.6	-0.9%
12.5%	65.0	64.8	-0.2	-0.2%
13.8%	64.9	64.6	-0.3	-0.5%
15.0%	64.6	64.4	-0.2	-0.3%
16.3%	64.2	64.1	-0.1	-0.2%
17.5%	63.3	63.8	0.5	0.9%
18.8%	63.3	63.8	0.6	0.9%
20.0%	63.1	63.5	0.4	0.7%
21.3%	63.0	63.3	0.3	0.4%
22.5%	63.0	63.0	0.1	0.1%
23.8%	62.8	62.9	0.0	0.1%
25.0%	62.8	62.8	0.0	0.0%
26.3%	62.7	62.7	0.0	0.0%
27.5%	62.6	62.7	0.1	0.1%
28.8%	62.5	62.7	0.2	0.3%
30.0%	62.4	62.5	0.1	0.2%
31.3%	62.3	62.5	0.2	0.3%
32.5%	62.3	62.5	0.2	0.3%
33.8%	62.2	62.5	0.2	0.4%
35.0%	62.2	62.4	0.2	0.4%
36.3%	62.1	62.4	0.3	0.4%
37.5%	62.1	62.3	0.2	0.3%
38.8%	62.1	62.3	0.2	0.3%
40.0%	62.1	62.2	0.1	0.2%
41.3%	61.9	62.2	0.2	0.4%
42.5%	61.9	62.1	0.2	0.3%
43.8%	61.9	62.1	0.2	0.3%
45.0%	61.8	62.0	0.2	0.3%
46.3%	61.8	61.9	0.1	0.2%
47.5%	61.7	61.8	0.1	0.2%
48.8%	61.7	61.8	0.1	0.1%
50.0%	61.7	61.8	0.1	0.1%
51.3%	61.7	61.7	0.1	0.1%
52.5%	61.6	61.7	0.1	0.2%
53.8%	61.5	61.6	0.1	0.1%
55.0%	61.5	61.5	0.0	0.1%
56.3%	61.5	61.5	0.0	0.0%
57.5%	61.5	61.5	0.0	0.0%
58.8%	61.5	61.4	0.0	0.0%
60.0%	61.4	61.4	0.0	0.0%
61.3%	61.4	61.4	0.0	0.0%
62.5%	61.2	61.3	0.1	0.2%
63.8%	61.1	61.3	0.2	0.3%
65.0%	61.0	61.2	0.2	0.3%
66.3%	60.9	61.1	0.2	0.3%
67.5%	60.7	60.9	0.2	0.3%
68.8%	60.7	60.8	0.2	0.3%
70.0%	60.7	60.8	0.1	0.1%
71.3%	60.6	60.7	0.1	0.1%
72.5%	60.6	60.7	0.1	0.1%
73.8%	60.6	60.7	0.0	0.1%
75.0%	60.6	60.5	-0.1	-0.1%
76.3%	60.6	60.5	-0.1	-0.2%
77.5%	60.5	60.4	-0.1	-0.2%
78.8%	60.3	60.3	0.0	0.0%
80.0%	60.3	60.3	0.0	0.0%
81.3%	60.3	60.3	0.0	0.0%
82.5%	60.2	60.3	0.0	0.1%
83.8%	60.2	60.3	0.1	0.2%
85.0%	60.1	60.2	0.0	0.1%
86.3%	60.0	60.1	0.1	0.1%
87.5%	60.0	60.1	0.1	0.1%
88.8%	60.0	60.0	0.0	0.0%
90.0%	60.0	60.0	0.0	0.0%
91.3%	59.7	60.0	0.3	0.4%
92.5%	59.7	59.8	0.1	0.1%
93.8%	59.5	59.6	0.2	0.3%
95.0%	59.4	59.4	0.0	-0.1%
96.3%	59.4	59.3	-0.1	-0.1%
97.5%	59.4	59.3	0.0	0.0%
98.8%	58.9	59.1	0.2	0.3%
100.0%	58.0	58.6	0.6	1.0%

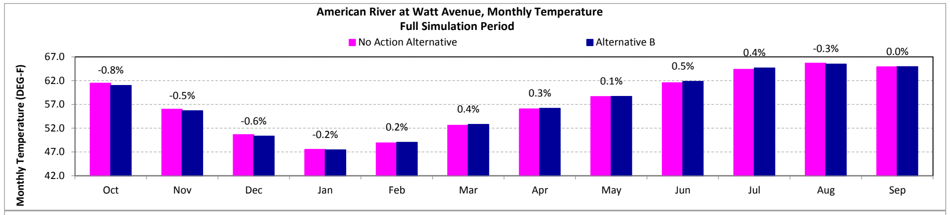
Table SQ-40-2a
American River at Watt Avenue, Monthly Temperature
Long-term Average and Average by Water Year Type

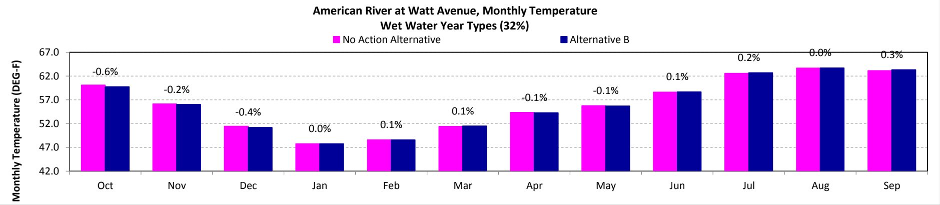
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	61.4	56.0	50.7	47.5	48.9	52.6	56.0	58.6	61.6	64.4	65.7	64.9
Alternative B	61.0	55.7	50.3	47.4	49.0	52.8	56.2	58.7	61.8	64.6	65.5	64.9
Difference	-0.5	-0.3	-0.3	-0.1	0.1	0.2	0.1	0.1	0.3	0.3	-0.2	0.0
Percent Difference[3]	-0.8%	-0.5%	-0.6%	-0.2%	0.2%	0.4%	0.3%	0.1%	0.5%	0.4%	-0.3%	0.0%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	60.1	56.1	51.4	47.8	48.6	51.4	54.4	55.8	58.6	62.6	63.7	63.1
Alternative B	59.8	56.0	51.2	47.8	48.6	51.5	54.3	55.7	58.7	62.7	63.7	63.3
Difference	-0.3	-0.1	-0.2	0.0	0.0	0.1	-0.1	0.0	0.1	0.1	0.0	0.2
Percent Difference	-0.6%	-0.2%	-0.4%	0.0%	0.1%	0.1%	-0.1%	-0.1%	0.1%	0.2%	0.0%	0.3%
Above Normal (15%)												
No Action Alternative	60.2	55.5	50.5	47.8	48.4	51.6	55.1	57.4	60.4	63.2	64.4	63.5
Alternative B	59.6	55.4	50.4	47.7	48.5	51.9	55.4	57.5	60.7	63.4	64.3	63.7
Difference	-0.6	-0.2	-0.1	-0.1	0.1	0.3	0.3	0.2	0.3	0.1	-0.1	0.2
Percent Difference	-1.1%	-0.3%	-0.3%	-0.1%	0.2%	0.5%	0.5%	0.3%	0.4%	0.2%	-0.1%	0.3%
Below Normal (17%)												
No Action Alternative	60.8	56.2	51.1	47.3	48.3	52.6	56.1	58.3	61.3	63.5	64.9	64.1
Alternative B	60.9	56.0	50.8	47.1	48.4	52.8	56.2	58.3	61.6	63.7	64.6	64.1
Difference	0.0	-0.2	-0.2	-0.2	0.1	0.2	0.1	0.0	0.3	0.2	-0.3	-0.1
Percent Difference	0.1%	-0.4%	-0.5%	-0.5%	0.2%	0.4%	0.2%	0.0%	0.5%	0.3%	-0.5%	-0.1%
Dry (22%)												
No Action Alternative	62.6	55.9	50.4	47.4	49.5	53.4	57.1	60.5	63.0	64.9	66.2	65.6
Alternative B	61.7	55.6	50.2	47.3	49.5	53.5	57.4	60.8	63.4	65.0	66.0	65.5
Difference	-0.9	-0.3	-0.2	-0.2	0.1	0.1	0.3	0.3	0.4	0.2	-0.3	0.0
Percent Difference	-1.4%	-0.5%	-0.5%	-0.3%	0.1%	0.3%	0.5%	0.5%	0.6%	0.3%	-0.4%	-0.1%
Critical (15%)												
No Action Alternative	64.6	56.0	49.0	47.2	49.9	54.9	58.9	63.7	67.2	69.7	71.4	70.0
Alternative B	64.0	55.0	48.1	47.1	50.4	55.5	59.3	63.5	67.8	70.7	70.9	69.7
Difference	-0.5	-0.9	-0.8	-0.1	0.5	0.6	0.3	-0.1	0.6	0.9	-0.5	-0.3
Percent Difference	-0.8%	-1.6%	-1.7%	-0.3%	1.0%	1.0%	0.6%	-0.2%	0.9%	1.3%	-0.6%	-0.4%

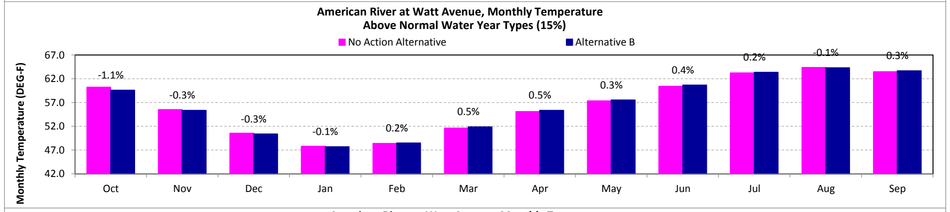
1 Based on the 82-year simulation period

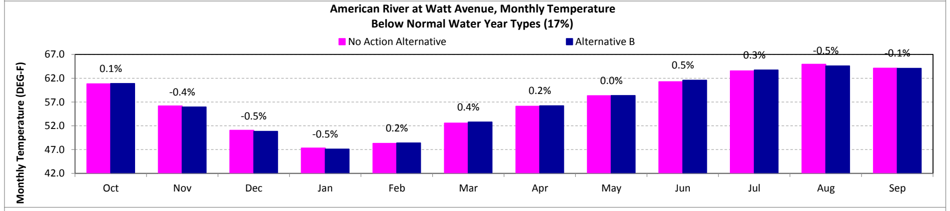
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

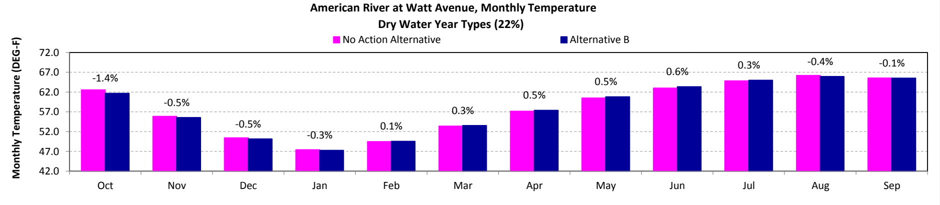
3 Relative difference of the monthly average


American River at Watt Avenue, Monthly Temperature
Full Simulation Period


American River at Watt Avenue, Monthly Temperature
Wet Water Year Types (32%)


American River at Watt Avenue, Monthly Temperature
Above Normal Water Year Types (15%)


American River at Watt Avenue, Monthly Temperature
Below Normal Water Year Types (17%)


American River at Watt Avenue, Monthly Temperature
Dry Water Year Types (22%)

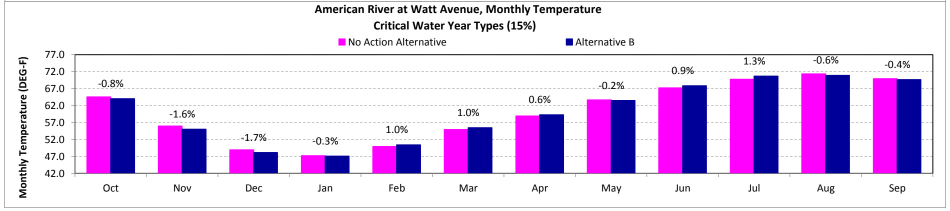

American River at Watt Avenue, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-40-2b
American River at Watt Avenue, Monthly Temperature
Probability of Exceedance

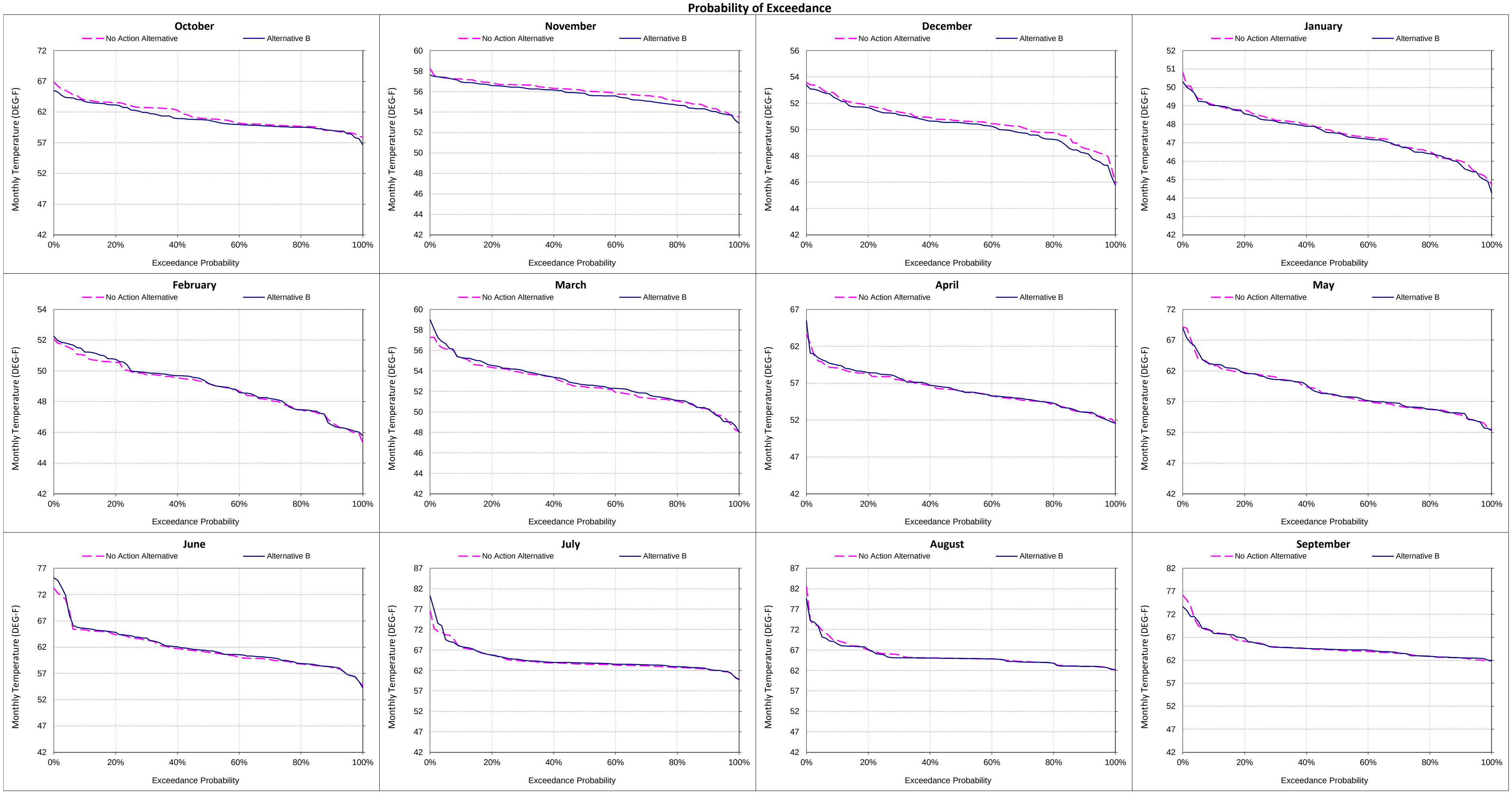


Table SQ-40-2b

American River at Watt Avenue, Monthly Temperature
Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.9	65.5	-1.3	-2.0%
1.3%	66.2	65.3	-1.0	-1.5%
2.5%	65.7	64.7	-1.0	-1.5%
3.8%	65.5	64.4	-1.1	-1.8%
5.0%	65.2	64.3	-0.9	-1.3%
6.3%	64.8	64.3	-0.5	-0.8%
7.5%	64.7	64.0	-0.6	-1.0%
8.8%	64.2	64.0	-0.2	-0.3%
10.0%	64.0	63.7	-0.3	-0.4%
11.3%	63.9	63.6	-0.3	-0.5%
12.5%	63.8	63.5	-0.3	-0.5%
13.8%	63.7	63.5	-0.3	-0.4%
15.0%	63.7	63.4	-0.2	-0.3%
16.3%	63.6	63.4	-0.3	-0.4%
17.5%	63.6	63.2	-0.4	-0.6%
18.8%	63.5	63.2	-0.4	-0.6%
20.0%	63.5	63.2	-0.4	-0.6%
21.3%	63.5	63.0	-0.5	-0.8%
22.5%	63.4	62.8	-0.7	-1.0%
23.8%	63.1	62.7	-0.4	-0.6%
25.0%	63.0	62.3	-0.7	-1.1%
26.3%	62.8	62.3	-0.6	-0.9%
27.5%	62.8	62.2	-0.6	-1.0%
28.8%	62.8	62.0	-0.8	-1.3%
30.0%	62.7	61.9	-0.8	-1.3%
31.3%	62.7	61.7	-1.0	-1.5%
32.5%	62.7	61.7	-1.0	-1.6%
33.8%	62.7	61.5	-1.1	-1.8%
35.0%	62.6	61.4	-1.3	-2.0%
36.3%	62.6	61.4	-1.2	-1.9%
37.5%	62.5	61.3	-1.2	-1.9%
38.8%	62.5	61.0	-1.4	-2.3%
40.0%	62.3	60.9	-1.4	-2.2%
41.3%	61.8	60.9	-0.9	-1.4%
42.5%	61.6	60.9	-0.8	-1.2%
43.8%	61.5	60.8	-0.6	-1.0%
45.0%	61.2	60.8	-0.4	-0.6%
46.3%	61.1	60.8	-0.3	-0.4%
47.5%	61.0	60.8	-0.2	-0.4%
48.8%	61.0	60.7	-0.3	-0.4%
50.0%	60.9	60.7	-0.3	-0.4%
51.3%	60.9	60.5	-0.4	-0.6%
52.5%	60.8	60.4	-0.4	-0.7%
53.8%	60.8	60.2	-0.5	-0.9%
55.0%	60.7	60.2	-0.5	-0.9%
56.3%	60.7	60.1	-0.6	-1.0%
57.5%	60.5	60.0	-0.5	-0.8%
58.8%	60.2	60.0	-0.3	-0.4%
60.0%	60.2	60.0	-0.2	-0.4%
61.3%	60.1	59.9	-0.2	-0.4%
62.5%	60.0	59.9	-0.1	-0.2%
63.8%	60.0	59.9	-0.2	-0.3%
65.0%	60.0	59.8	-0.2	-0.3%
66.3%	60.0	59.8	-0.2	-0.3%
67.5%	60.0	59.8	-0.3	-0.4%
68.8%	60.0	59.7	-0.2	-0.4%
70.0%	59.9	59.7	-0.2	-0.3%
71.3%	59.9	59.7	-0.2	-0.4%
72.5%	59.8	59.6	-0.2	-0.4%
73.8%	59.8	59.6	-0.2	-0.4%
75.0%	59.8	59.6	-0.2	-0.3%
76.3%	59.8	59.6	-0.2	-0.3%
77.5%	59.8	59.5	-0.2	-0.4%
78.8%	59.7	59.5	-0.2	-0.3%
80.0%	59.7	59.5	-0.1	-0.2%
81.3%	59.7	59.5	-0.2	-0.3%
82.5%	59.6	59.5	-0.2	-0.3%
83.8%	59.6	59.5	-0.2	-0.3%
85.0%	59.6	59.3	-0.3	-0.5%
86.3%	59.3	59.3	-0.1	-0.1%
87.5%	59.0	59.2	0.1	0.3%
88.8%	59.0	59.1	0.0	0.1%
90.0%	59.0	59.0	0.0	0.1%
91.3%	58.9	58.9	0.0	-0.1%
92.5%	58.8	58.9	0.1	0.2%
93.8%	58.7	58.9	0.2	0.3%
95.0%	58.6	58.5	-0.2	-0.3%
96.3%	58.6	58.4	-0.2	-0.3%
97.5%	58.5	57.8	-0.6	-1.1%
98.8%	58.0	57.7	-0.3	-0.5%
100.0%	58.0	56.7	-1.3	-2.3%

November				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	58.2	57.6	-0.6	-1.0%
1.3%	57.6	57.5	-0.1	-0.2%
2.5%	57.5	57.4	0.0	-0.1%
3.8%	57.4	57.4	0.0	0.1%
5.0%	57.3	57.4	0.0	0.1%
6.3%	57.3	57.3	0.0	0.0%
7.5%	57.3	57.2	0.0	-0.1%
8.8%	57.2	57.1	-0.1	-0.2%
10.0%	57.2	56.9	-0.3	-0.5%
11.3%	57.2	56.9	-0.3	-0.5%
12.5%	57.2	56.9	-0.3	-0.5%
13.8%	57.1	56.8	-0.3	-0.5%
15.0%	57.0	56.8	-0.2	-0.4%
16.3%	57.0	56.7	-0.3	-0.5%
17.5%	56.9	56.7	-0.2	-0.3%
18.8%	56.9	56.7	-0.2	-0.4%
20.0%	56.8	56.6	-0.2	-0.4%
21.3%	56.8	56.6	-0.2	-0.4%
22.5%	56.7	56.5	-0.2	-0.3%
23.8%	56.7	56.5	-0.2	-0.3%
25.0%	56.7	56.5	-0.2	-0.4%
26.3%	56.7	56.4	-0.2	-0.4%
27.5%	56.7	56.4	-0.2	-0.4%
28.8%	56.7	56.4	-0.2	-0.4%
30.0%	56.7	56.4	-0.3	-0.5%
31.3%	56.6	56.3	-0.3	-0.6%
32.5%	56.6	56.3	-0.4	-0.7%
33.8%	56.6	56.3	-0.4	-0.6%
35.0%	56.5	56.2	-0.2	-0.4%
36.3%	56.4	56.2	-0.3	-0.4%
37.5%	56.4	56.2	-0.2	-0.4%
38.8%	56.4	56.2	-0.2	-0.4%
40.0%	56.3	56.2	-0.2	-0.3%
41.3%	56.3	56.1	-0.2	-0.4%
42.5%	56.3	56.1	-0.2	-0.4%
43.8%	56.3	55.9	-0.4	-0.6%
45.0%	56.2	55.9	-0.3	-0.6%
46.3%	56.2	55.9	-0.3	-0.5%
47.5%	56.2	55.9	-0.3	-0.6%
48.8%	56.2	55.8	-0.3	-0.6%
50.0%	56.0	55.8	-0.2	-0.4%
51.3%	56.0	55.6	-0.4	-0.7%
52.5%	56.0	55.6	-0.4	-0.7%
53.8%	56.0	55.6	-0.4	-0.7%
55.0%	56.0	55.6	-0.4	-0.6%
56.3%	56.0	55.6	-0.4	-0.7%
57.5%	55.9	55.6	-0.4	-0.6%
58.8%	55.9	55.6	-0.3	-0.6%
60.0%	55.8	55.6	-0.2	-0.3%
61.3%	55.7	55.4	-0.3	-0.5%
62.5%	55.7	55.4	-0.3	-0.6%
63.8%	55.7	55.4	-0.4	-0.6%
65.0%	55.7	55.2	-0.5	-0.9%
66.3%	55.7	55.2	-0.5	-0.9%
67.5%	55.6	55.2	-0.5	-0.8%
68.8%	55.6	55.1	-0.5	-0.9%
70.0%	55.6	55.1	-0.5	-1.0%
71.3%	55.6	55.0	-0.5	-1.0%
72.5%	55.5	55.0	-0.5	-1.0%
73.8%	55.5	54.9	-0.6	-1.0%
75.0%	55.5	54.9	-0.6	-1.0%
76.3%	55.3	54.8	-0.4	-0.8%
77.5%	55.2	54.8	-0.4	-0.8%
78.8%	55.1	54.8	-0.4	-0.7%
80.0%	55.1	54.7	-0.4	-0.7%
81.3%	55.1	54.7	-0.4	-0.7%
82.5%	55.0	54.6	-0.3	-0.6%
83.8%	54.9	54.4	-0.5	-0.9%
85.0%	54.8	54.4	-0.4	-0.7%
86.3%	54.8	54.3	-0.5	-0.8%
87.5%	54.8	54.3	-0.4	-0.8%
88.8%	54.6	54.3	-0.3	-0.5%
90.0%	54.5	54.2	-0.3	-0.5%
91.3%	54.3	54.1	-0.3	-0.5%
92.5%	54.3	54.0	-0.3	-0.5%
93.8%	54.1	53.9	-0.2	-0.4%
95.0%	54.1	53.8	-0.3	-0.5%
96.3%	53.9	53.7	-0.2	-0.4%
97.5%	53.7	53.7	0.1	0.1%
98.8%	53.6	53.2	-0.4	-0.8%
100.0%	53.5	52.9	-0.6	-1.2%

December				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.6	53.4	-0.2	-0.3%
1.3%	53.4	53.1	-0.3	-0.6%
2.5%	53.4	53.1	-0.3	-0.6%
3.8%	53.3	53.0	-0.3	-0.6%
5.0%	53.1	52.9	-0.2	-0.4%
6.3%	52.9	52.8	-0.1	-0.2%
7.5%	52.8	52.7	-0.1	-0.2%
8.8%	52.8	52.5	-0.4	-0.7%
10.0%	52.5	52.3	-0.2	-0.4%
11.3%	52.3	52.2	-0.2	-0.4%
12.5%	52.2	52.1	-0.1	-0.2%
13.8%	52.1	51.8	-0.3	-0.6%
15.0%	52.1	51.7	-0.3	-0.7%
16.3%	52.0	51.7	-0.3	-0.5%
17.5%	52.0	51.7	-0.3	-0.5%
18.8%	51.9	51.7	-0.2	-0.4%
20.0%	51.8	51.7	-0.1	-0.3%
21.3%	51.8	51.6	-0.2	-0.4%
22.5%	51.7	51.5	-0.2	-0.4%
23.8%	51.6	51.3	-0.3	-0.6%
25.0%	51.6	51.3	-0.3	-0.6%
26.3%	51.5	51.3	-0.2	-0.4%
27.5%	51.4	51.3	-0.2	-0.3%
28.8%	51.4	51.2	-0.2	-0.4%
30.0%	51.3	51.1	-0.2	-0.4%
31.3%	51.3	51.1	-0.2	-0.4%
32.5%	51.2	51.1	-0.1	-0.3%
33.8%	51.2	51.0	-0.2	-0.4%
35.0%	51.0	50.9	-0.1	-0.2%
36.3%	51.0	50.8	-0.1	-0.3%
37.5%	51.0	50.8	-0.2	-0.3%
38.8%	51.0	50.7	-0.3	-0.5%
40.0%	50.9	50.7	-0.3	-0.5%
41.3%	50.8	50.6	-0.2	-0.3%
42.5%	50.8	50.6	-0.2	-0.3%
43.8%	50.8	50.6	-0.2	-0.4%
45.0%	50.8	50.5	-0.2	-0.4%
46.3%	50.8	50.5	-0.2	-0.4%
47.5%	50.7	50.5	-0.2	-0.3%
48.8%	50.7	50.5	-0.1	-0.3%
50.0%	50.7	50.5	-0.1	-0.3%
51.3%	50.6	50.5	-0.2	-0.3%
52.5%	50.6	50.4	-0.2	-0.4%
53.8%	50.6	50.4	-0.2	-0.4%
55.0%	50.6	50.4	-0.2	-0.4%
56.3%	50.6	50.4	-0.2	-0.4%
57.5%	50.6	50.3	-0.3	-0.5%
58.8%	50.5	50.3	-0.2	-0.4%
60.0%	50.4	50.3	-0.2	-0.4%
61.3%	50.4	50.2	-0.3	-0.6%
62.5%	50.4	50.0	-0.4	-0.8%
63.8%	50.4	50.0	-0.4	-0.8%
65.0%	50.3	50.0	-0.4	-0.7%
66.3%	50.3	49.9	-0.4	-0.7%
67.5%	50.3	49.8	-0.4	-0.8%
68.8%	50.3	49.8	-0.5	-1.0%
70.0%	50.2	49.7	-0.4	-0.8%
71.3%	50.1	49.7	-0.3	-0.7%
72.5%	49.9	49.6	-0.3	-0.6%
73.8%	49.9	49.6	-0.3	-0.6%
75.0%	49.8	49.6	-0.2	-0.5%
76.3%	49.8	49.4	-0.4	-0.8%
77.5%	49.8	49.3	-0.5	-1.0%
78.8%	49.8	49.3	-0.5	-1.0%
80.0%	49.8	49.3	-0.5	-1.0%
81.3%	49.7	49.2	-0.5	-1.0%
82.5%	49.6	49.1	-0.5	-1.0%
83.8%	49.5	48.8	-0.7	-1.4%
85.0%	49.4	48.6	-0.9	-1.8%
86.3%	49.0	48.5	-0.5	-1.1%
87.5%	49.0	48.5	-0.5	-1.1%
88.8%	48.7	48.3	-0.4	-0.9%
90.0%	48.6	48.2	-0.3	-0.7%
91.3%	48.5	48.2	-0.4	-0.7%
92.5%	48.4	47.8	-0.6	-1.3%
93.8%	48.3	47.7	-0.7	-1.4%
95.0%	48.2	47.5	-0.7	-1.4%
96.3%	48.1	47.3	-0.8	-1.7%
97.5%	48.0	47.3	-0.7	-1.5%
98.8%	47.1	46.4	-0.7	-1.4%
100.0%	45.9	45.8	-0.1	-0.3%

January				
Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.8	50.3	-0.5	-1.0%
1.3%	50.1	50.0	-0.1	-0.2%
2.5%	50.1	49.9	-0.2	-0.4%
3.8%	49.6	49.7	0.1	0.1%
5.0%	49.4	49.3	-0.1	-0.3%
6.3%	49.4	49.2	-0.1	-0.2%
7.5%	49.2	49.2	0.0	0.0%
8.8%	49.1	49.0	-0.1	-0.2%
10.0%	49.1	49.0	0.0	-0.1%
11.3%	49.0	49.0	0.0	-0.1%
12.5%	49.0	49.0	0.0	0.1%
13.8%	48.9	49.0	0.1	0.1%
15.0%	48.8	48.9	0.1	0.2%
16.3%	48.8	48.8	0.0	0.0%
17.5%	48.8	48.7	-0.1	-0.1%
18.8%	48.8	48.7	0.0	-0.1%
20.0%	48.8	48.6	-0.2	-0.4%
21.3%	48.7	48.5	-0.2	-0.4%
22.5%	48.6	48.5	-0.1	-0.2%
23.8%	48.5	48.4	-0.1	-0.2%
25.0%	48.5	48.3	-0.2	-0.4%
26.3%	48.4	48.2	-0.2	-0.4%
27.5%	48.3	48.2	-0.1	-0.2%
28.8%	48.3	48.2	-0.1	-0.2%
30.0%	48.2	48.2	0.0	-0.1%
31.3%	48.2	48.1	-0.1	-0.2%
32.5%	48.2	48.1	-0.1	-0.3%
33.8%	48.2	48.1	-0.1	-0.2%
35.0%	48.2	48.0	-0.1	-0.3%
36.3%	48.1	48.0	-0.1	-0.2%
37.5%	48.1	48.0	-0.1	-0.3%
38.8%	48.0	47.9	-0.1	-0.2%
40.0%	48.0	47.9	-0.1	-0.2%
41.3%	48.0	47.9	-0.1	-0.1%
42.5%	47.9	47.9	0.0	0.0%
43.8%	47.8	47.8	-0.1	-0.1%
45.0%	47.8	47.7	-0.1	-0.3%
46.3%	47.7	47.6	-0.1	-0.3%
47.5%	47.7	47.5	-0.2	-0.3%
48.8%	47.6	47.5	-0.1	-0.1%
50.0%	47.6	47.5	-0.1	-0.2%
51.3%	47.5	47.5	0.0	0.0%
52.5%	47.5	47.4	-0.1	-0.2%
53.8%	47.4	47.3	-0.1	-0.2%
55.0%	47.4	47.3	-0.1	-0.2%
56.3%	47.4	47.3	-0.1	-0.2%
57.5%	47.3	47.2	-0.1	-0.2%
58.8%	47.3	47.2	-0.1	-0.2%
60.0%	47.3	47.2	-0.1	-0.2%
61.3%	47.3	47.2	-0.1	-0.2%
62.5%	47.3	47.2	-0.1	-0.2%
63.8%	47.2	47.2	-0.1	-0.1%
65.0%	47.2	47.1	-0.1	-0.3%
66.3%	47.2	47.0	-0.1	-0.3%
67.5%	46.9	47.0	0.1	0.1%
68.8%	46.9	46.9	0.0	0.0%
70.0%	46.9	46.8	0.0	-0.1%
71.3%	46.8	46.7	-0.1	-0.1%
72.5%	46.7	46.7	0.0	0.0%
73.8%	46.7	46.6	-0.1	-0.2%
75.0%	46.7	46.5	-0.2	-0.4%
76.3%	46.6	46.5	-0.2	-0.3%
77.5%	46.6	46.5	-0.2	-0.3%
78.8%	46.6	46.4	-0.1	-0.3%
80.0%	46.5	46.4	-0.1	-0.3%
81.3%	46.4	46.4	0.0	-0.1%
82.5%	46.2	46.3	0.1	0.3%
83.8%	46.2	46.3	0.1	0.2%
85.0%	46.2	46.2	0.0	0.0%
86.3%	46.2	46.1	0.0	-0.1%
87.5%	46.1	46.0	-0.1	-0.2%
88.8%	46.1	46.0	-0.1	-0.2%
90.0%	46.0	45.8	-0.2	-0.5%
91.3%	45.9	45.6	-0.3	-0.8%
92.5%	45.8	45.5	-0.3	-0.6%
93.8%	45.5	45.4	-0.1	-0.2%
95.0%	45.4	45.4	0.0	0.0%
96.3%	45.3	45.1	-0.2	-0.4%
97.5%	45.2	45.0	-0.2	-0.5%
98.8%	45.0	44.9	-0.1	-0.2%
100.0%	44.8	44.3	-0.5	-1.1%

Table SQ-40-2b

American River at Watt Avenue, Monthly Temperature
Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative B Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	52.1	52.3	0.2	0.4%
1.3%	51.8	52.0	0.2	0.3%
2.5%	51.8	51.9	0.1	0.2%
3.8%	51.6	51.8	0.2	0.4%
5.0%	51.5	51.8	0.2	0.5%
6.3%	51.4	51.7	0.3	0.6%
7.5%	51.1	51.5	0.4	0.8%
8.8%	51.1	51.5	0.4	0.8%
10.0%	51.0	51.2	0.2	0.4%
11.3%	50.8	51.2	0.4	0.9%
12.5%	50.7	51.2	0.5	0.9%
13.8%	50.7	51.1	0.4	0.9%
15.0%	50.6	51.0	0.4	0.8%
16.3%	50.6	51.0	0.4	0.7%
17.5%	50.6	50.8	0.2	0.4%
18.8%	50.6	50.8	0.2	0.4%
20.0%	50.6	50.8	0.2	0.4%
21.3%	50.5	50.6	0.0	0.1%
22.5%	50.1	50.6	0.5	1.0%
23.8%	50.0	50.4	0.3	0.7%
25.0%	50.0	50.0	0.0	0.1%
26.3%	49.9	50.0	0.1	0.2%
27.5%	49.9	49.9	0.1	0.2%
28.8%	49.8	49.9	0.1	0.2%
30.0%	49.8	49.9	0.1	0.3%
31.3%	49.8	49.8	0.1	0.2%
32.5%	49.8	49.8	0.1	0.2%
33.8%	49.7	49.8	0.1	0.2%
35.0%	49.7	49.8	0.1	0.2%
36.3%	49.6	49.8	0.1	0.3%
37.5%	49.6	49.7	0.1	0.2%
38.8%	49.6	49.7	0.1	0.2%
40.0%	49.6	49.7	0.1	0.2%
41.3%	49.5	49.7	0.2	0.3%
42.5%	49.5	49.7	0.2	0.4%
43.8%	49.5	49.7	0.2	0.4%
45.0%	49.5	49.6	0.1	0.2%
46.3%	49.4	49.6	0.2	0.4%
47.5%	49.3	49.5	0.2	0.3%
48.8%	49.3	49.4	0.1	0.2%
50.0%	49.2	49.2	0.0	0.0%
51.3%	49.1	49.1	0.0	0.0%
52.5%	49.0	49.0	0.0	0.0%
53.8%	49.0	49.0	0.0	0.0%
55.0%	48.9	49.0	0.0	0.0%
56.3%	48.9	48.9	0.0	0.1%
57.5%	48.8	48.8	0.0	0.0%
58.8%	48.8	48.8	0.0	0.0%
60.0%	48.7	48.6	-0.1	-0.2%
61.3%	48.6	48.6	0.0	0.0%
62.5%	48.4	48.5	0.1	0.3%
63.8%	48.4	48.5	0.1	0.3%
65.0%	48.4	48.4	0.0	0.1%
66.3%	48.2	48.3	0.1	0.1%
67.5%	48.2	48.3	0.1	0.2%
68.8%	48.2	48.3	0.1	0.2%
70.0%	48.1	48.2	0.1	0.2%
71.3%	48.0	48.2	0.1	0.3%
72.5%	48.0	48.1	0.1	0.2%
73.8%	47.9	48.0	0.1	0.3%
75.0%	47.8	47.9	0.1	0.2%
76.3%	47.7	47.7	-0.1	-0.1%
77.5%	47.6	47.5	-0.1	-0.1%
78.8%	47.5	47.5	0.0	0.0%
80.0%	47.5	47.5	0.0	0.0%
81.3%	47.4	47.5	0.1	0.1%
82.5%	47.4	47.4	0.1	0.1%
83.8%	47.4	47.4	0.0	0.0%
85.0%	47.3	47.4	0.1	0.2%
86.3%	47.2	47.3	0.0	0.1%
87.5%	47.2	47.2	0.0	0.1%
88.8%	46.8	46.6	-0.2	-0.4%
90.0%	46.6	46.5	-0.1	-0.3%
91.3%	46.5	46.4	-0.1	-0.3%
92.5%	46.3	46.3	0.0	0.0%
93.8%	46.3	46.3	0.0	0.0%
95.0%	46.2	46.2	0.0	0.0%
96.3%	46.0	46.2	0.1	0.2%
97.5%	46.0	46.1	0.1	0.3%
98.8%	45.9	46.0	0.1	0.2%
100.0%	45.3	45.8	0.5	1.1%

March				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative B Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	57.3	59.0	1.7	3.0%
1.3%	57.3	58.1	0.8	1.5%
2.5%	56.6	57.3	0.7	1.2%
3.8%	56.3	56.9	0.6	1.0%
5.0%	56.2	56.7	0.5	0.9%
6.3%	56.1	56.2	0.1	0.2%
7.5%	56.0	56.1	0.1	0.1%
8.8%	55.4	55.4	0.0	0.0%
10.0%	55.3	55.3	0.0	0.0%
11.3%	55.2	55.3	0.1	0.1%
12.5%	55.0	55.2	0.2	0.4%
13.8%	54.7	55.1	0.5	0.9%
15.0%	54.6	55.0	0.4	0.8%
16.3%	54.6	55.0	0.4	0.8%
17.5%	54.5	54.8	0.3	0.6%
18.8%	54.4	54.6	0.2	0.4%
20.0%	54.3	54.5	0.2	0.4%
21.3%	54.3	54.5	0.2	0.4%
22.5%	54.3	54.4	0.1	0.2%
23.8%	54.2	54.3	0.1	0.1%
25.0%	54.2	54.3	0.1	0.1%
26.3%	54.0	54.2	0.2	0.3%
27.5%	54.0	54.2	0.2	0.4%
28.8%	53.9	54.1	0.2	0.4%
30.0%	53.8	54.1	0.3	0.5%
31.3%	53.7	53.9	0.2	0.4%
32.5%	53.7	53.8	0.2	0.3%
33.8%	53.6	53.8	0.1	0.3%
35.0%	53.6	53.7	0.1	0.2%
36.3%	53.6	53.6	0.0	0.0%
37.5%	53.5	53.5	0.1	0.1%
38.8%	53.5	53.5	0.0	0.0%
40.0%	53.4	53.4	0.0	-0.1%
41.3%	53.1	53.3	0.2	0.4%
42.5%	53.0	53.3	0.2	0.5%
43.8%	52.8	53.1	0.4	0.7%
45.0%	52.7	52.9	0.2	0.4%
46.3%	52.5	52.8	0.3	0.5%
47.5%	52.5	52.8	0.3	0.5%
48.8%	52.5	52.7	0.2	0.4%
50.0%	52.5	52.6	0.2	0.4%
51.3%	52.4	52.6	0.2	0.5%
52.5%	52.4	52.6	0.2	0.4%
53.8%	52.4	52.6	0.2	0.4%
55.0%	52.3	52.5	0.2	0.3%
56.3%	52.3	52.5	0.2	0.4%
57.5%	52.2	52.4	0.2	0.3%
58.8%	52.2	52.3	0.1	0.2%
60.0%	51.9	52.3	0.4	0.7%
61.3%	51.9	52.3	0.4	0.7%
62.5%	51.8	52.3	0.4	0.8%
63.8%	51.8	52.2	0.4	0.8%
65.0%	51.7	52.1	0.4	0.7%
66.3%	51.7	52.0	0.3	0.6%
67.5%	51.4	51.8	0.4	0.8%
68.8%	51.4	51.8	0.4	0.9%
70.0%	51.4	51.8	0.5	0.9%
71.3%	51.3	51.6	0.3	0.6%
72.5%	51.3	51.5	0.3	0.5%
73.8%	51.3	51.5	0.2	0.4%
75.0%	51.2	51.4	0.2	0.4%
76.3%	51.2	51.3	0.1	0.2%
77.5%	51.2	51.3	0.1	0.3%
78.8%	51.1	51.2	0.1	0.2%
80.0%	51.0	51.1	0.1	0.2%
81.3%	50.9	51.1	0.2	0.3%
82.5%	50.9	51.1	0.2	0.3%
83.8%	50.8	50.9	0.0	0.1%
85.0%	50.7	50.8	0.1	0.2%
86.3%	50.5	50.4	-0.1	-0.2%
87.5%	50.4	50.4	0.1	0.1%
88.8%	50.4	50.4	0.1	0.1%
90.0%	50.3	50.3	0.0	0.0%
91.3%	50.2	50.0	-0.2	-0.5%
92.5%	49.7	49.7	0.0	-0.1%
93.8%	49.7	49.5	-0.1	-0.3%
95.0%	49.5	49.1	-0.4	-0.9%
96.3%	49.1	49.0	-0.1	-0.2%
97.5%	48.7	49.0	0.3	0.6%
98.8%	48.3	48.7	0.4	0.8%
100.0%	48.1	48.1	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative B Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	63.6	65.5	1.9	3.0%
1.3%	62.4	61.1	-1.3	-2.1%
2.5%	60.8	60.9	0.2	0.3%
3.8%	60.0	60.5	0.5	0.7%
5.0%	59.9	60.2	0.3	0.5%
6.3%	59.4	60.0	0.6	1.0%
7.5%	59.2	59.7	0.5	0.9%
8.8%	59.1	59.6	0.5	0.8%
10.0%	59.1	59.4	0.4	0.6%
11.3%	58.9	59.4	0.5	0.8%
12.5%	58.8	59.0	0.3	0.5%
13.8%	58.6	59.0	0.4	0.6%
15.0%	58.6	58.8	0.3	0.4%
16.3%	58.4	58.7	0.3	0.4%
17.5%	58.4	58.7	0.3	0.5%
18.8%	58.4	58.5	0.2	0.3%
20.0%	58.4	58.4	0.1	0.1%
21.3%	57.9	58.4	0.5	0.8%
22.5%	57.9	58.4	0.5	0.8%
23.8%	57.9	58.2	0.3	0.6%
25.0%	57.9	58.2	0.3	0.5%
26.3%	57.9	58.1	0.2	0.4%
27.5%	57.9	58.1	0.2	0.4%
28.8%	57.5	58.0	0.4	0.8%
30.0%	57.5	57.7	0.2	0.4%
31.3%	57.3	57.5	0.2	0.3%
32.5%	57.3	57.2	-0.2	-0.3%
33.8%	57.3	57.2	-0.2	-0.3%
35.0%	57.0	57.1	0.1	0.2%
36.3%	57.0	57.1	0.1	0.3%
37.5%	56.9	57.1	0.2	0.4%
38.8%	56.8	57.0	0.2	0.3%
40.0%	56.7	56.7	0.0	0.1%
41.3%	56.5	56.7	0.2	0.4%
42.5%	56.3	56.6	0.3	0.6%
43.8%	56.3	56.5	0.3	0.4%
45.0%	56.2	56.5	0.3	0.4%
46.3%	56.2	56.4	0.2	0.4%
47.5%	56.2	56.2	0.0	0.1%
48.8%	56.1	56.0	-0.1	-0.1%
50.0%	56.0	55.9	-0.1	-0.2%
51.3%	55.8	55.8	0.0	0.0%
52.5%	55.7	55.8	0.0	0.1%
53.8%	55.7	55.8	0.1	0.2%
55.0%	55.7	55.7	0.0	0.1%
56.3%	55.6	55.6	0.0	-0.1%
57.5%	55.5	55.5	0.0	-0.1%
58.8%	55.3	55.5	0.1	0.2%
60.0%	55.3	55.3	-0.1	-0.1%
61.3%	55.2	55.3	0.1	0.1%
62.5%	55.2	55.2	0.0	0.1%
63.8%	55.0	55.1	0.1	0.2%
65.0%	55.0	55.1	0.2	0.3%
66.3%	54.9	55.1	0.2	0.3%
67.5%	54.9	55.0	0.1	0.2%
68.8%	54.8	55.0	0.2	0.4%
70.0%	54.7	54.9	0.2	0.4%
71.3%	54.6	54.8	0.2	0.3%
72.5%	54.6	54.8	0.2	0.3%
73.8%	54.6	54.7	0.1	0.1%
75.0%	54.6	54.5	0.0	-0.1%
76.3%	54.6	54.5	-0.1	-0.2%
77.5%	54.4	54.5	0.0	0.0%
78.8%	54.2	54.4	0.2	0.3%
80.0%	54.1	54.3	0.2	0.3%
81.3%	54.0	54.1	0.1	0.2%
82.5%	53.8	53.7	-0.1	-0.3%
83.8%	53.7	53.7	-0.1	-0.2%
85.0%	53.5	53.6	0.1	0.2%
86.3%	53.3	53.5	0.2	0.3%
87.5%	53.2	53.3	0.1	0.1%
88.8%	53.1	53.1	0.0	0.1%
90.0%	53.1	53.1	0.0	0.1%
91.3%	53.0	53.1	0.1	0.2%
92.5%	52.8	53.0	0.2	0.4%
93.8%	52.6	52.7	0.2	0.3%
95.0%	52.5	52.4	-0.2	-0.3%
96.3%	52.3	52.2	-0.1	-0.2%
97.5%	52.2	52.0	-0.2	-0.4%
98.8%	52.2	51.8	-0.4	-0.8%
100.0%	51.5	51.6	0.1	0.1%

May				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative B Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	69.1	69.0	-0.2	-0.2%
1.3%	69.0	67.4	-1.6	-2.3%
2.5%	67.2	66.6	-0.6	-1.0%
3.8%	65.5	66.1	0.7	1.0%
5.0%	63.9	65.0	1.2	1.8%
6.3%	63.8	63.9	0.1	0.1%
7.5%	63.6	63.4	-0.2	-0.3%
8.8%	63.0	63.2	0.2	0.3%
10.0%	62.9	63.1	0.2	0.3%
11.3%	62.8	63.1	0.2	0.4%
12.5%	62.3	63.0	0.6	1.0%
13.8%	62.3	62.6	0.3	0.5%
15.0%	62.1	62.5	0.3	0.6%
16.3%	62.0	62.4	0.5	0.8%
17.5%	61.9	62.3	0.4	0.7%
18.8%	61.9	62.0	0.1	0.1%
20.0%	61.8	61.6	-0.2	-0.3%
21.3%	61.6	61.6	0.0	0.0%
22.5%	61.5	61.5	0.0	0.0%
23.8%	61.5	61.5	0.0	0.0%
25.0%	61.4	61.2	-0.2	-0.4%
26.3%	61.3	61.1	-0.2	-0.3%
27.5%	61.2	60.8	-0.4	-0.6%
28.8%	61.1	60.7	-0.5	-0.7%
30.0%	61.0	60.6	-0.4	-0.7%
31.3%	60.6	60.6	0.0	-0.1%
32.5%	60.6	60.5	-0.1	-0.2%
33.8%	60.5	60.4	-0.1	-0.1%
35.0%	60.4	60.4	0.0	0.0%
36.3%	60.2	60.3	0.0	0.0%
37.5%	60.2	60.2	0.0	0.1%
38.8%	59.6	60.2	0.6	1.0%
40.0%	59.4	59.8	0.3	0.6%
41.3%	59.3	59.2	-0.1	-0.2%
42.5%	59.2	58.8	-0.4	-0.7%
43.8%	59.0	58.5	-0.5	-0.8%
45.0%	58.4	58.3	-0.1	-0.1%
46.3%	58.4	58.3	0.0	0.0%
47.5%	58.3	58.3	-0.1	-0.1%
48.8%	58.0	58.2	0.1	0.3%
50.0%	58.0	58.0	0.0	0.0%
51.3%	57.8	57.8	0.0	-0.1%
52.5%	57.8	57.8	0.0	0.1%
53.8%	57.6	57.8	0.1	0.2%
55.0%	57.5	57.7	0.2	0.4%
56.3%	57.3	57.7	0.5	0.8%
57.5%	57.2	57.5	0.4	0.6%
58.8%	57.1	57.3	0.2	0.3%
60.0%	57.0	57.2	0.1	0.2%
61.3%	56.9	57.1	0.2	0.3%
62.5%	56.8	57.0	0.2	0.4%
63.8%	56.8	57.0	0.3	0.4%
65.0%	56.7	57.0	0.2	0.4%
66.3%	56.6	56.9	0.2	0.4%
67.5%	56.6	56.8	0.2	0.4%
68.8%	56.3	56.8	0.5	0.8%
70.0%	56.3	56.8	0.5	0.8%
71.3%	56.2	56.4	0.2	0.4%
72.5%	56.1	56.2	0.1	0.2%
73.8%	56.0	56.1	0.1	0.2%
75.0%	56.0	56.1	0.1	0.3%
76.3%	55.9	56.1	0.2	0.3%
77.5%	55.8	56.0	0.2	0.3%
78.8%	55.8	55.8	0.1	0.1%
80.0%	55.8	55.8	0.0	0.0%
81.3%	55.7	55.7	0.1	0.1%
82.5%	55.6	55.7	0.0	0.0%
83.8%	55.6	55.5	-0.1	-0.2%
85.0%	55.5	55.3	-0.2	-0.4%
86.3%	55.2	55.2	0.0	-0.1%
87.5%	55.2	55.2	0.0	0.1%
88.8%	54.9	55.2	0.3	0.5%
90.0%	54.9	55.1	0.3	0.5%
91.3%	54.4	55.1	0.7	1.3%
92.5%	54.2	54.1	-0.1	-0.2%
93.8%	54.0	54.1	0.1	0.1%
95.0%	53.9	53.9	0.0	-0.1%
96.3%	53.7	53.7	0.0	-0.1%
97.5%	53.5	52.7	-0.8	-1.4%
98.8%	52.7	52.6	-0.1	-0.2%
100.0%	52.5	52.3	-0.2	-0.4%

Table SQ-40-2b

American River at Watt Avenue, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.2	75.2	1.9	2.6%
1.3%	72.3	74.7	2.4	3.4%
2.5%	71.8	73.4	1.6	2.2%
3.8%	71.1	71.9	0.8	1.1%
5.0%	68.8	68.1	-0.8	-1.1%
6.3%	65.4	66.1	0.7	1.1%
7.5%	65.4	65.8	0.4	0.6%
8.8%	65.3	65.6	0.3	0.4%
10.0%	65.3	65.6	0.3	0.5%
11.3%	65.1	65.5	0.3	0.5%
12.5%	65.1	65.4	0.3	0.5%
13.8%	65.0	65.2	0.2	0.3%
15.0%	65.0	65.1	0.1	0.2%
16.3%	65.0	65.1	0.1	0.2%
17.5%	64.9	65.0	0.0	0.0%
18.8%	64.6	64.9	0.3	0.5%
20.0%	64.4	64.8	0.4	0.7%
21.3%	64.3	64.4	0.1	0.1%
22.5%	64.2	64.3	0.1	0.2%
23.8%	64.1	64.2	0.1	0.2%
25.0%	63.7	64.2	0.5	0.7%
26.3%	63.7	63.9	0.3	0.4%
27.5%	63.6	63.9	0.2	0.4%
28.8%	63.5	63.7	0.3	0.4%
30.0%	63.3	63.7	0.4	0.6%
31.3%	63.2	63.3	0.0	0.1%
32.5%	63.1	63.1	0.1	0.1%
33.8%	62.4	62.9	0.5	0.8%
35.0%	62.3	62.6	0.3	0.5%
36.3%	62.2	62.2	0.0	0.0%
37.5%	61.9	62.2	0.3	0.5%
38.8%	61.8	62.1	0.3	0.5%
40.0%	61.7	62.1	0.3	0.6%
41.3%	61.6	61.9	0.3	0.4%
42.5%	61.5	61.8	0.3	0.5%
43.8%	61.5	61.7	0.3	0.5%
45.0%	61.4	61.6	0.2	0.4%
46.3%	61.3	61.5	0.2	0.4%
47.5%	61.3	61.4	0.2	0.3%
48.8%	61.1	61.4	0.3	0.6%
50.0%	61.0	61.3	0.3	0.4%
51.3%	60.9	61.3	0.4	0.7%
52.5%	60.8	61.1	0.3	0.4%
53.8%	60.8	61.0	0.2	0.3%
55.0%	60.7	60.7	0.0	0.0%
56.3%	60.5	60.6	0.2	0.3%
57.5%	60.4	60.6	0.2	0.3%
58.8%	60.3	60.6	0.3	0.5%
60.0%	60.0	60.6	0.6	1.0%
61.3%	59.9	60.5	0.5	0.9%
62.5%	59.9	60.3	0.4	0.7%
63.8%	59.8	60.3	0.4	0.7%
65.0%	59.8	60.2	0.4	0.7%
66.3%	59.8	60.2	0.3	0.6%
67.5%	59.8	60.2	0.3	0.6%
68.8%	59.8	60.0	0.3	0.5%
70.0%	59.6	60.0	0.4	0.6%
71.3%	59.5	59.9	0.5	0.8%
72.5%	59.4	59.8	0.4	0.7%
73.8%	59.4	59.5	0.0	0.1%
75.0%	59.3	59.5	0.1	0.2%
76.3%	59.2	59.3	0.1	0.2%
77.5%	59.0	59.2	0.2	0.3%
78.8%	58.9	58.9	0.1	0.1%
80.0%	58.8	58.9	0.1	0.1%
81.3%	58.7	58.8	0.1	0.2%
82.5%	58.7	58.8	0.1	0.1%
83.8%	58.6	58.7	0.1	0.2%
85.0%	58.5	58.6	0.1	0.2%
86.3%	58.4	58.5	0.0	0.0%
87.5%	58.4	58.3	0.0	0.0%
88.8%	58.3	58.3	0.0	0.0%
90.0%	58.1	58.2	0.1	0.2%
91.3%	57.9	58.2	0.2	0.4%
92.5%	57.9	58.0	0.1	0.2%
93.8%	57.4	57.4	0.0	0.1%
95.0%	56.8	56.8	-0.1	-0.1%
96.3%	56.6	56.5	0.0	-0.1%
97.5%	56.4	56.4	0.0	0.0%
98.8%	55.5	55.5	0.0	0.0%
100.0%	54.6	54.3	-0.3	-0.6%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	76.6	80.3	3.7	4.8%
1.3%	72.3	76.9	4.6	6.4%
2.5%	71.6	73.6	2.0	2.7%
3.8%	71.4	72.9	1.5	2.1%
5.0%	70.7	69.6	-1.2	-1.7%
6.3%	70.7	69.0	-1.6	-2.3%
7.5%	69.9	69.0	-0.9	-1.3%
8.8%	68.3	68.2	-0.1	-0.2%
10.0%	67.5	67.8	0.3	0.5%
11.3%	67.4	67.7	0.2	0.4%
12.5%	67.3	67.5	0.3	0.4%
13.8%	67.2	67.3	0.2	0.2%
15.0%	66.9	66.8	-0.1	-0.1%
16.3%	66.3	66.5	0.2	0.2%
17.5%	66.2	66.2	0.0	0.0%
18.8%	65.9	65.9	0.0	0.0%
20.0%	65.7	65.8	0.1	0.1%
21.3%	65.7	65.5	-0.2	-0.3%
22.5%	65.1	65.4	0.3	0.5%
23.8%	65.1	65.2	0.2	0.3%
25.0%	64.7	64.9	0.3	0.4%
26.3%	64.5	64.8	0.3	0.5%
27.5%	64.4	64.8	0.3	0.5%
28.8%	64.4	64.7	0.3	0.4%
30.0%	64.3	64.5	0.3	0.4%
31.3%	64.2	64.4	0.2	0.3%
32.5%	64.2	64.3	0.1	0.2%
33.8%	64.2	64.3	0.1	0.2%
35.0%	64.0	64.3	0.3	0.4%
36.3%	64.0	64.2	0.2	0.3%
37.5%	63.9	64.1	0.2	0.3%
38.8%	63.9	64.0	0.1	0.2%
40.0%	63.8	64.0	0.1	0.2%
41.3%	63.8	64.0	0.1	0.2%
42.5%	63.8	64.0	0.2	0.3%
43.8%	63.8	64.0	0.2	0.3%
45.0%	63.8	63.9	0.2	0.3%
46.3%	63.7	63.9	0.3	0.4%
47.5%	63.6	63.9	0.3	0.5%
48.8%	63.6	63.9	0.3	0.5%
50.0%	63.5	63.8	0.3	0.5%
51.3%	63.5	63.8	0.3	0.5%
52.5%	63.5	63.8	0.3	0.5%
53.8%	63.5	63.8	0.3	0.5%
55.0%	63.5	63.8	0.3	0.5%
56.3%	63.5	63.7	0.3	0.4%
57.5%	63.5	63.7	0.2	0.4%
58.8%	63.4	63.6	0.2	0.3%
60.0%	63.3	63.5	0.2	0.3%
61.3%	63.3	63.5	0.2	0.4%
62.5%	63.3	63.5	0.2	0.4%
63.8%	63.3	63.5	0.3	0.4%
65.0%	63.3	63.5	0.3	0.4%
66.3%	63.2	63.5	0.3	0.4%
67.5%	63.2	63.5	0.3	0.4%
68.8%	63.2	63.4	0.2	0.3%
70.0%	63.2	63.4	0.2	0.4%
71.3%	63.1	63.4	0.3	0.4%
72.5%	63.0	63.3	0.3	0.5%
73.8%	63.0	63.3	0.4	0.6%
75.0%	63.0	63.3	0.3	0.5%
76.3%	62.8	63.2	0.4	0.6%
77.5%	62.8	63.0	0.2	0.3%
78.8%	62.8	62.9	0.2	0.3%
80.0%	62.7	62.9	0.2	0.3%
81.3%	62.7	62.9	0.2	0.3%
82.5%	62.7	62.9	0.2	0.3%
83.8%	62.6	62.8	0.2	0.3%
85.0%	62.6	62.7	0.1	0.2%
86.3%	62.5	62.7	0.2	0.3%
87.5%	62.5	62.6	0.1	0.2%
88.8%	62.3	62.5	0.2	0.3%
90.0%	62.2	62.3	0.2	0.3%
91.3%	62.0	62.1	0.1	0.1%
92.5%	62.0	62.0	0.0	0.0%
93.8%	62.0	62.0	0.0	0.0%
95.0%	61.8	61.8	0.0	0.0%
96.3%	61.7	61.7	0.1	0.1%
97.5%	61.3	61.2	-0.1	-0.2%
98.8%	60.3	60.3	0.0	0.0%
100.0%	59.8	59.7	-0.1	-0.1%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	82.4	79.6	-2.8	-3.4%
1.3%	74.2	74.2	0.0	0.0%
2.5%	73.1	73.9	0.8	1.0%
3.8%	73.0	73.0	0.0	0.0%
5.0%	71.8	70.2	-1.7	-2.3%
6.3%	71.2	69.9	-1.3	-1.8%
7.5%	70.3	69.2	-1.1	-1.6%
8.8%	69.4	69.1	-0.3	-0.4%
10.0%	69.4	68.5	-0.9	-1.2%
11.3%	69.0	68.0	-1.0	-1.4%
12.5%	68.8	68.0	-0.8	-1.1%
13.8%	68.1	67.9	-0.1	-0.2%
15.0%	68.0	67.9	-0.1	-0.1%
16.3%	68.0	67.9	-0.1	-0.2%
17.5%	67.9	67.8	-0.1	-0.1%
18.8%	67.4	67.8	0.5	0.7%
20.0%	67.0	67.1	0.1	0.1%
21.3%	66.6	66.8	0.1	0.2%
22.5%	66.5	66.1	-0.4	-0.7%
23.8%	66.2	65.9	-0.3	-0.4%
25.0%	66.2	65.9	-0.3	-0.4%
26.3%	66.0	65.3	-0.8	-1.1%
27.5%	66.0	65.2	-0.8	-1.3%
28.8%	66.0	65.1	-0.8	-1.3%
30.0%	65.8	65.1	-0.7	-1.1%
31.3%	65.5	65.1	-0.4	-0.5%
32.5%	65.2	65.1	-0.1	-0.2%
33.8%	65.2	65.1	-0.1	-0.1%
35.0%	65.2	65.1	-0.1	-0.1%
36.3%	65.1	65.1	-0.1	-0.1%
37.5%	65.1	65.0	-0.1	-0.2%
38.8%	65.1	65.0	-0.1	-0.1%
40.0%	65.1	65.0	0.0	-0.1%
41.3%	65.1	65.0	0.0	0.0%
42.5%	65.1	65.0	0.0	0.0%
43.8%	65.0	65.0	0.0	0.0%
45.0%	65.0	65.0	0.0	0.0%
46.3%	65.0	65.0	0.0	0.0%
47.5%	65.0	64.9	0.0	-0.1%
48.8%	64.9	64.9	0.0	0.0%
50.0%	64.9	64.9	0.0	0.0%
51.3%	64.9	64.9	0.0	0.0%
52.5%	64.9	64.9	0.0	0.0%
53.8%	64.9	64.9	0.0	0.0%
55.0%	64.9	64.9	0.0	0.0%
56.3%	64.9	64.9	0.0	0.0%
57.5%	64.8	64.9	0.0	0.0%
58.8%	64.8	64.8	0.0	0.0%
60.0%	64.8	64.8	0.0	0.0%
61.3%	64.8	64.8	-0.1	-0.1%
62.5%	64.7	64.7	0.0	0.0%
63.8%	64.6	64.7	0.1	0.2%
65.0%	64.5	64.2	-0.3	-0.4%
66.3%	64.5	64.2	-0.2	-0.4%
67.5%	64.3	64.2	-0.1	-0.2%
68.8%	64.2	64.1	-0.2	-0.2%
70.0%	64.2	64.1	-0.1	-0.2%
71.3%	64.2	64.1	-0.1	-0.2%
72.5%	64.2	64.1	-0.1	-0.2%
73.8%	64.0	64.0	0.0	0.0%
75.0%	64.0	64.0	0.0	0.0%
76.3%	64.0	64.0	0.0	0.0%
77.5%	64.0	64.0	0.0	0.0%
78.8%	63.9	63.9	0.0	0.0%
80.0%	63.9	63.8	-0.2	-0.3%
81.3%	63.3	63.2	0.0	-0.1%
82.5%	63.2	63.1	-0.1	-0.2%
83.8%	63.2	63.1	-0.1	-0.1%
85.0%	63.1	63.1	0.0	0.0%
86.3%	63.1	63.1	0.0	0.0%
87.5%	63.0	63.0	0.0	0.0%
88.8%	63.0	63.0	0.0	0.0%
90.0%	63.0	63.0	0.0	0.0%
91.3%	63.0	63.0	0.0	0.0%
92.5%	63.0	63.0	0.0	0.1%
93.8%	63.0	63.0	0.1	0.1%
95.0%	63.0	62.9	-0.1	-0.1%
96.3%	62.8	62.8	0.0	0.0%
97.5%	62.6	62.6	0.0	0.1%
98.8%	62.3	62.3	-0.1	-0.1%
100.0%	62.1	62.2	0.1	0.1%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	76.1	73.7	-2.4	-3.2%
1.3%	75.1	72.8	-2.3	-3.0%
2.5%	73.8	71.5	-2.3	-3.1%
3.8%	71.0	71.5	0.4	0.6%
5.0%	69.5	70.5	1.0	1.4%
6.3%	68.9	68.9	0.1	0.1%
7.5%	68.7	68.9	0.2	0.3%
8.8%	68.5	68.6	0.1	0.1%
10.0%	68.3	67.8	-0.5	-0.7%
11.3%	68.0	67.8	-0.2	-0.2%
12.5%	67.8	67.7	-0.1	-0.2%
13.8%	67.8	67.7	-0.1	-0.1%
15.0%	67.5	67.6	0.0	0.1%
16.3%	66.8	67.6	0.8	1.2%
17.5%	66.4	67.1	0.7	1.1%
18.8%	66.4	66.9	0.6	0.8%
20.0%	66.1	66.9	0.7	1.1%
21.3%	66.0	66.0	-0.1	-0.1%
22.5%	66.0	65.9	0.0	-0.1%
23.8%	65.8	65.7	-0.1	-0.2%
25.0%	65.7	65.5	-0.2	-0.3%
26.3%	65.4	65.5	0.0	0.1%
27.5%	65.0	65.1	0.1	0.1%
28.8%	64.9	64.9	-0.1	-0.1%
30.0%	64.9	64.8	-0.1	-0.1%
31.3%	64.8	64.8	0.0	0.0%
32.5%	64.8	64.8	-0.1	-0.1%
33.8%	64.8	64.8	0.0	-0.1%
35.0%	64.7	64.8	0.1	0.1%
36.3%	64.7	64.7	0.0	0.0%
37.5%	64.6	64.7	0.0	0.0%
38.8%	64.6	64.6	0.0	0.0%
40.0%	64.6	64.6	0.0	0.0%
41.3%	64.5	64.5	0.0	0.0%
42.5%	64.4	64.5	0.1	0.1%
43.8%	64.4	64.5	0.1	0.1%
45.0%	64.4	64.5	0.1	0.2%
46.3%	64.3	64.4	0.1	0.2%
47.5%	64.3	64.4	0.1	0.1%
48.8%	64.3	64.4	0.1	0.1%
50.0%	64.2	64.3	0.1	0.2%
51.3%	64.1	64.3	0.2	0.4%
52.5%	64.1	64.3	0.2	0.3%
53.8%	64.0	64.3	0.2	0.4%
55.0%	64.0	64.3	0.2	0.4%
56.3%	64.0	64.3	0.2	0.4%
57.5%	64.0	64.2	0.2	0.4%
58.8%	64.0	64.2	0.2	0.4%
60.0%	63.9	64.2	0.3	0.5%
61.3%	63.9	64.1	0.3	0.4%
62.5%	63.8	64.0	0.2	0.3%
63.8%	63.7	63.9	0.2	0.3%
65.0%	63.7	63.9	0.2	0.3%
66.3%	63.7	63.8	0.2	0.3%
67.5%	63.6	63.8	0.2	0.3%
68.8%	63.6	63.8	0.2	0.3%
70.0%	63.5	63.6	0.0	0.0%
71.3%	63.5	63.5	0.0	0.0%
72.5%	63.3	63.5	0.1	0.2%
73.8%	63.2	63.0	-0.2	-0.4%
75.0%	63.1	63.0	-0.1	-0.1%
76.3%	63.0	63.0	0.0	0.0%
77.5%	62.9	62.9	0.0	0.0%
78.8%	62.9	62.9	0.0	-0.1%
80.0%	62.9	62.9	0.0	0.0%
81.3%	62.7	62.8	0.1	0.1%
82.5%	62.7	62.7	0.0	0.0%
83.8%	62.7	62.7	0.0	0.0%
85.0%	62.6	62.7	0.1	0.1%
86.3%	62.6	62.6	0.0	0.1%
87.5%	62.6	62.6	0.0	0.0%
88.8%	62.6	62.6	0.0	0.0%
90.0%	62.5	62.5	0.0	0.0%
91.3%	62.5	62.5	0.1	0.1%
92.5%	62.3	62.5	0.2	0.3%
93.8%	62.3	62.5	0.2	0.3%
95.0%	62.0	62.5	0.4	0.7%
96.3%	62.0	62.4	0.4	0.6%
97.5%	61.9	62.4	0.4	0.7%
98.8%	61.9	62.0	0.1	0.2%
100.0%	61.8	61.9	0.1	0.1%

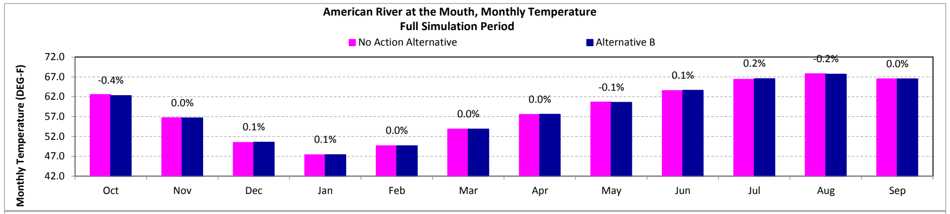
Table SQ-41-2a
American River at the Mouth, Monthly Temperature
Long-term Average and Average by Water Year Type

Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	62.5	56.7	50.5	47.4	49.6	53.8	57.5	60.6	63.5	66.4	67.8	66.5
Alternative B	62.3	56.7	50.5	47.4	49.6	53.9	57.6	60.6	63.6	66.5	67.7	66.5
Difference	-0.3	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	0.1	0.1	-0.1	0.0
Percent Difference[3]	-0.4%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	-0.1%	0.1%	0.2%	-0.2%	0.0%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	61.3	56.3	51.1	47.4	49.5	52.9	56.1	58.2	60.8	64.4	66.1	64.9
Alternative B	61.0	56.3	51.1	47.4	49.5	52.9	56.1	58.1	60.8	64.5	66.1	65.0
Difference	-0.3	-0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.1	0.0	0.2
Percent Difference	-0.5%	-0.1%	0.1%	0.1%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	0.1%	0.0%	0.2%
Above Normal (15%)												
No Action Alternative	61.5	56.1	50.0	47.6	49.2	53.0	56.7	59.3	62.4	65.2	66.6	65.1
Alternative B	61.0	56.1	50.2	47.6	49.2	53.2	56.9	59.4	62.4	65.3	66.6	65.3
Difference	-0.5	0.0	0.1	0.0	0.0	0.2	0.2	0.1	0.1	0.0	0.0	0.2
Percent Difference	-0.8%	0.0%	0.3%	0.1%	0.1%	0.3%	0.4%	0.2%	0.1%	0.0%	-0.1%	0.3%
Below Normal (17%)												
No Action Alternative	62.1	56.8	50.7	47.2	49.0	53.8	57.5	60.2	63.2	65.6	66.9	65.5
Alternative B	62.1	56.7	50.7	47.2	49.0	53.8	57.5	60.2	63.3	65.6	66.8	65.5
Difference	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	0.0
Percent Difference	0.0%	-0.1%	0.1%	0.0%	0.0%	-0.1%	0.1%	0.0%	0.2%	0.1%	-0.2%	0.0%
Dry (22%)												
No Action Alternative	63.5	57.0	50.5	47.4	50.1	54.4	58.4	62.2	64.9	66.9	68.2	67.2
Alternative B	63.0	57.0	50.6	47.5	50.0	54.3	58.5	62.3	65.0	66.9	68.1	67.0
Difference	-0.5	0.0	0.1	0.1	-0.1	0.0	0.1	0.1	0.1	0.0	-0.1	-0.2
Percent Difference	-0.8%	0.0%	0.2%	0.1%	-0.2%	-0.1%	0.2%	0.2%	0.2%	0.0%	-0.1%	-0.3%
Critical (15%)												
No Action Alternative	65.3	57.4	49.3	47.2	50.5	55.9	60.2	65.6	69.0	71.9	73.2	71.4
Alternative B	65.2	57.5	49.4	47.3	50.7	56.0	60.1	65.0	69.2	72.6	72.6	71.2
Difference	0.0	0.1	0.1	0.1	0.2	0.1	-0.1	-0.6	0.2	0.7	-0.6	-0.1
Percent Difference	-0.1%	0.2%	0.2%	0.1%	0.3%	0.2%	-0.2%	-0.9%	0.3%	0.9%	-0.8%	-0.2%

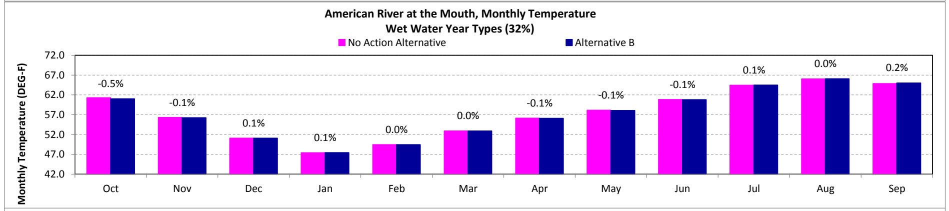
1 Based on the 82-year simulation period

2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

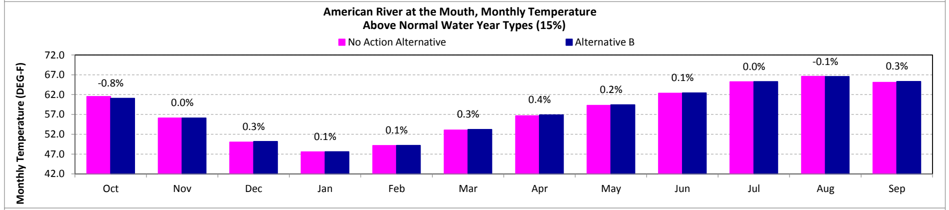
3 Relative difference of the monthly average



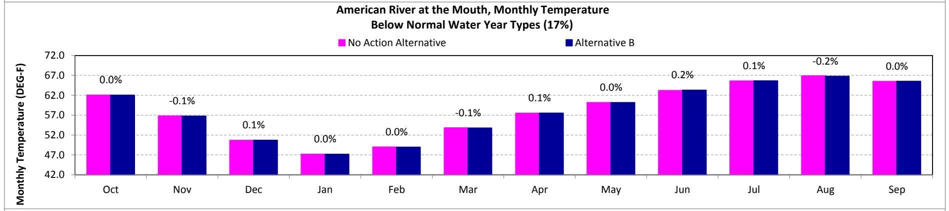
American River at the Mouth, Monthly Temperature
Full Simulation Period



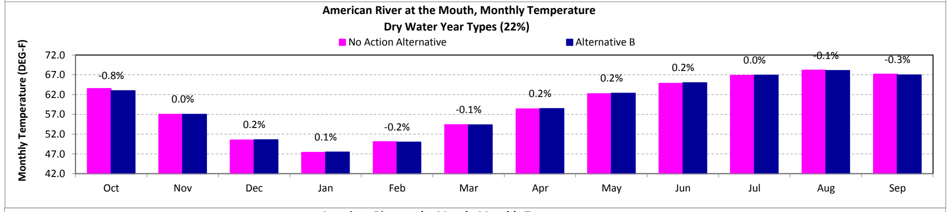
American River at the Mouth, Monthly Temperature
Wet Water Year Types (32%)



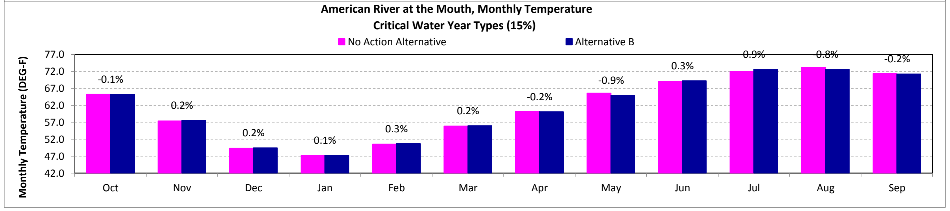
American River at the Mouth, Monthly Temperature
Above Normal Water Year Types (15%)



American River at the Mouth, Monthly Temperature
Below Normal Water Year Types (17%)



American River at the Mouth, Monthly Temperature
Dry Water Year Types (22%)



American River at the Mouth, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-41-2b
American River at the Mouth, Monthly Temperature
Probability of Exceedance

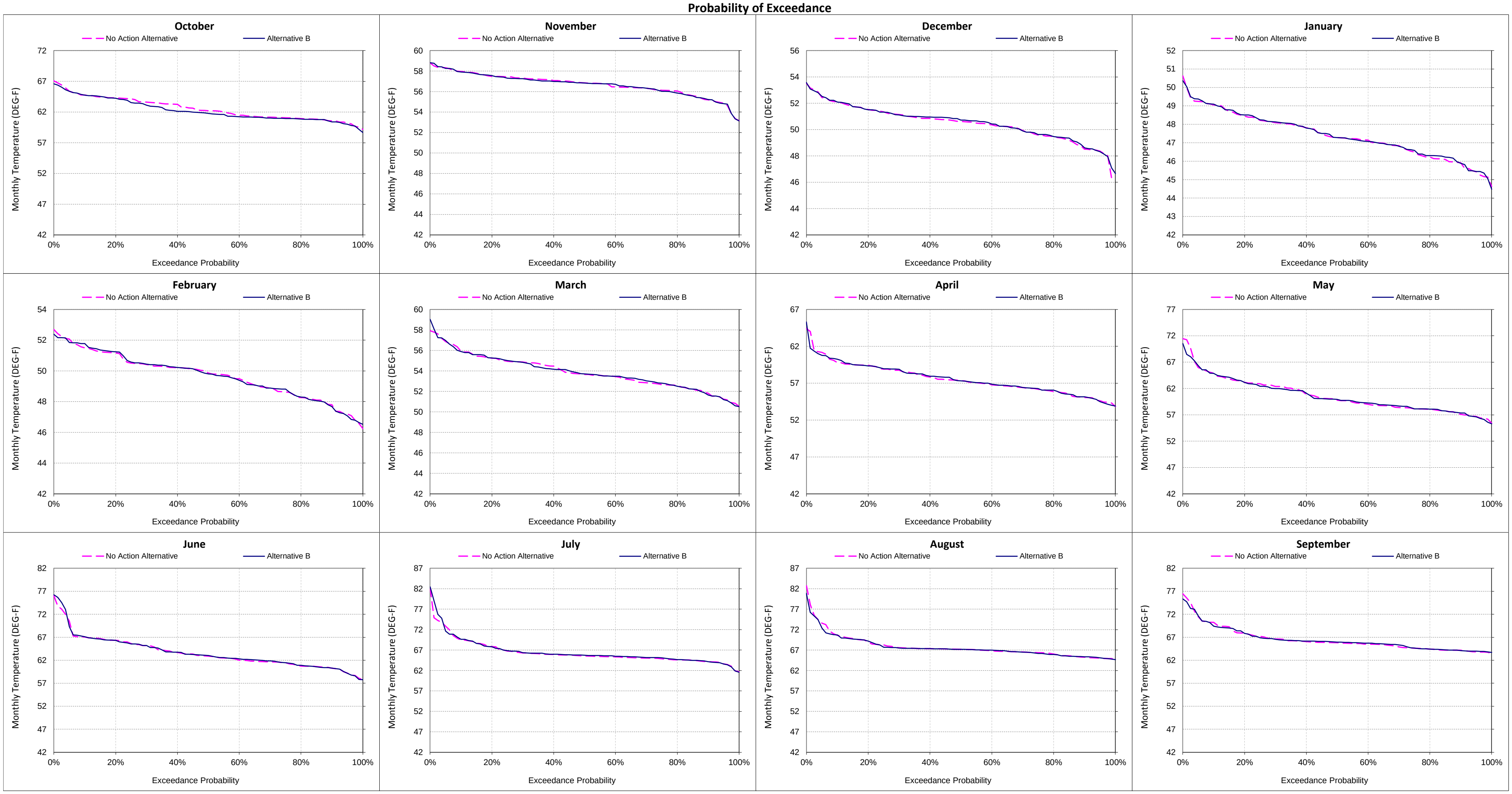


Table SQ-41-2b

American River at the Mouth, Monthly Temperature
Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.1	66.6	-0.5	-0.7%
1.3%	66.7	66.4	-0.4	-0.5%
2.5%	66.4	66.0	-0.4	-0.6%
3.8%	65.9	65.6	-0.3	-0.4%
5.0%	65.4	65.4	0.0	0.0%
6.3%	65.2	65.2	0.0	0.0%
7.5%	65.1	65.1	0.0	0.0%
8.8%	64.8	64.9	0.1	0.2%
10.0%	64.8	64.7	0.0	-0.1%
11.3%	64.7	64.7	0.0	0.0%
12.5%	64.7	64.7	0.0	0.0%
13.8%	64.5	64.6	0.1	0.2%
15.0%	64.4	64.6	0.1	0.2%
16.3%	64.4	64.4	0.0	0.0%
17.5%	64.3	64.3	-0.1	-0.1%
18.8%	64.3	64.3	0.0	-0.1%
20.0%	64.3	64.3	-0.1	-0.1%
21.3%	64.3	64.1	-0.2	-0.3%
22.5%	64.2	64.0	-0.2	-0.3%
23.8%	64.2	63.9	-0.3	-0.4%
25.0%	64.2	63.5	-0.6	-1.0%
26.3%	64.0	63.5	-0.6	-0.9%
27.5%	63.7	63.5	-0.2	-0.4%
28.8%	63.7	63.4	-0.3	-0.5%
30.0%	63.6	63.1	-0.5	-0.8%
31.3%	63.6	62.9	-0.6	-1.0%
32.5%	63.5	62.9	-0.6	-0.9%
33.8%	63.5	62.9	-0.6	-1.0%
35.0%	63.4	62.8	-0.6	-1.0%
36.3%	63.3	62.4	-0.9	-1.5%
37.5%	63.3	62.3	-1.1	-1.7%
38.8%	63.3	62.2	-1.0	-1.6%
40.0%	63.3	62.1	-1.1	-1.8%
41.3%	62.8	62.1	-0.7	-1.1%
42.5%	62.8	62.1	-0.7	-1.1%
43.8%	62.7	62.1	-0.6	-1.0%
45.0%	62.6	62.0	-0.7	-1.1%
46.3%	62.3	61.9	-0.4	-0.6%
47.5%	62.3	61.9	-0.4	-0.6%
48.8%	62.3	61.9	-0.4	-0.6%
50.0%	62.2	61.8	-0.4	-0.7%
51.3%	62.2	61.7	-0.5	-0.8%
52.5%	62.2	61.7	-0.5	-0.9%
53.8%	62.1	61.6	-0.5	-0.9%
55.0%	62.0	61.6	-0.4	-0.7%
56.3%	61.8	61.3	-0.5	-0.9%
57.5%	61.8	61.3	-0.5	-0.7%
58.8%	61.6	61.3	-0.3	-0.5%
60.0%	61.5	61.3	-0.2	-0.4%
61.3%	61.5	61.2	-0.3	-0.4%
62.5%	61.4	61.2	-0.2	-0.3%
63.8%	61.3	61.2	-0.1	-0.2%
65.0%	61.3	61.2	-0.1	-0.2%
66.3%	61.2	61.2	0.0	-0.1%
67.5%	61.2	61.1	-0.1	-0.2%
68.8%	61.2	61.0	-0.1	-0.2%
70.0%	61.2	61.0	-0.2	-0.2%
71.3%	61.1	61.0	-0.1	-0.2%
72.5%	61.1	61.0	-0.1	-0.2%
73.8%	61.1	61.0	-0.1	-0.2%
75.0%	61.1	61.0	-0.1	-0.2%
76.3%	61.0	60.9	-0.1	-0.2%
77.5%	61.0	60.9	-0.1	-0.1%
78.8%	61.0	60.9	-0.1	-0.1%
80.0%	60.9	60.9	-0.1	-0.1%
81.3%	60.9	60.8	-0.1	-0.1%
82.5%	60.9	60.8	0.0	-0.1%
83.8%	60.9	60.8	0.0	-0.1%
85.0%	60.8	60.8	0.0	-0.1%
86.3%	60.8	60.8	0.0	0.0%
87.5%	60.7	60.8	0.0	0.0%
88.8%	60.6	60.6	0.0	0.0%
90.0%	60.6	60.4	-0.2	-0.2%
91.3%	60.5	60.4	-0.2	-0.3%
92.5%	60.4	60.3	-0.1	-0.1%
93.8%	60.4	60.1	-0.2	-0.4%
95.0%	60.2	60.0	-0.2	-0.4%
96.3%	60.1	59.8	-0.3	-0.4%
97.5%	59.6	59.7	0.1	0.2%
98.8%	59.5	59.2	-0.4	-0.6%
100.0%	59.2	58.7	-0.5	-0.8%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	58.8	58.8	0.0	0.0%
1.3%	58.5	58.8	0.3	0.4%
2.5%	58.4	58.4	0.1	0.1%
3.8%	58.3	58.4	0.1	0.1%
5.0%	58.3	58.3	-0.1	-0.1%
6.3%	58.2	58.3	0.0	0.0%
7.5%	58.0	58.2	0.1	0.2%
8.8%	58.0	58.0	0.0	0.0%
10.0%	58.0	57.9	-0.1	-0.1%
11.3%	57.9	57.9	0.0	-0.1%
12.5%	57.9	57.9	0.0	0.0%
13.8%	57.9	57.8	0.0	-0.1%
15.0%	57.8	57.7	0.0	-0.1%
16.3%	57.7	57.7	0.0	0.0%
17.5%	57.6	57.6	0.0	0.0%
18.8%	57.5	57.6	0.1	0.1%
20.0%	57.5	57.5	0.1	0.1%
21.3%	57.5	57.5	0.0	0.0%
22.5%	57.5	57.4	0.0	-0.1%
23.8%	57.5	57.4	0.0	-0.1%
25.0%	57.4	57.3	-0.1	-0.2%
26.3%	57.4	57.3	-0.1	-0.3%
27.5%	57.3	57.3	0.0	-0.1%
28.8%	57.3	57.3	-0.1	-0.1%
30.0%	57.3	57.3	-0.1	-0.1%
31.3%	57.3	57.2	0.0	-0.1%
32.5%	57.2	57.1	-0.1	-0.2%
33.8%	57.2	57.1	-0.1	-0.2%
35.0%	57.2	57.1	-0.1	-0.2%
36.3%	57.2	57.0	-0.2	-0.3%
37.5%	57.2	57.0	-0.1	-0.3%
38.8%	57.2	57.0	-0.1	-0.2%
40.0%	57.1	57.0	-0.1	-0.2%
41.3%	57.1	57.0	-0.1	-0.2%
42.5%	57.0	57.0	-0.1	-0.1%
43.8%	57.0	57.0	-0.1	-0.1%
45.0%	57.0	56.9	-0.1	-0.2%
46.3%	56.9	56.9	0.0	-0.1%
47.5%	56.9	56.9	-0.1	-0.1%
48.8%	56.9	56.9	0.0	0.0%
50.0%	56.8	56.8	0.0	0.0%
51.3%	56.8	56.8	0.0	0.0%
52.5%	56.8	56.8	0.0	0.0%
53.8%	56.8	56.8	0.0	-0.1%
55.0%	56.8	56.8	0.0	0.0%
56.3%	56.8	56.8	0.0	0.0%
57.5%	56.7	56.8	0.0	0.0%
58.8%	56.5	56.8	0.3	0.5%
60.0%	56.5	56.7	0.2	0.4%
61.3%	56.4	56.6	0.1	0.2%
62.5%	56.4	56.5	0.1	0.2%
63.8%	56.4	56.5	0.1	0.1%
65.0%	56.4	56.5	0.1	0.1%
66.3%	56.4	56.4	0.0	0.1%
67.5%	56.4	56.4	0.0	0.0%
68.8%	56.4	56.4	0.0	0.0%
70.0%	56.3	56.3	0.0	0.0%
71.3%	56.3	56.3	0.0	0.0%
72.5%	56.2	56.2	0.1	0.1%
73.8%	56.2	56.1	0.0	-0.1%
75.0%	56.1	56.0	-0.1	-0.2%
76.3%	56.1	56.0	-0.1	-0.2%
77.5%	56.1	56.0	-0.1	-0.2%
78.8%	56.1	55.9	-0.1	-0.2%
80.0%	56.0	55.9	-0.2	-0.3%
81.3%	55.9	55.8	-0.1	-0.2%
82.5%	55.7	55.7	0.0	0.0%
83.8%	55.7	55.6	-0.1	-0.1%
85.0%	55.6	55.6	0.0	0.0%
86.3%	55.5	55.4	-0.1	-0.2%
87.5%	55.4	55.4	0.0	0.1%
88.8%	55.2	55.3	0.1	0.2%
90.0%	55.2	55.2	0.0	0.1%
91.3%	55.1	55.2	0.1	0.2%
92.5%	55.0	55.0	0.0	-0.1%
93.8%	54.9	54.9	-0.1	-0.1%
95.0%	54.9	54.8	0.0	-0.1%
96.3%	54.6	54.8	0.2	0.3%
97.5%	53.8	53.9	0.0	0.1%
98.8%	53.3	53.3	0.0	0.0%
100.0%	53.2	53.1	0.0	0.0%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.5	53.6	0.1	0.1%
1.3%	53.2	53.1	-0.1	-0.1%
2.5%	53.0	52.9	-0.1	-0.1%
3.8%	52.9	52.8	0.0	-0.1%
5.0%	52.4	52.5	0.1	0.2%
6.3%	52.4	52.4	0.0	0.0%
7.5%	52.2	52.2	0.0	0.0%
8.8%	52.1	52.2	0.1	0.2%
10.0%	52.1	52.1	0.0	-0.1%
11.3%	52.0	52.1	0.0	0.0%
12.5%	51.9	52.0	0.1	0.2%
13.8%	51.8	52.0	0.1	0.2%
15.0%	51.8	51.7	0.0	-0.1%
16.3%	51.7	51.7	0.0	0.0%
17.5%	51.7	51.7	0.0	0.0%
18.8%	51.5	51.6	0.0	0.0%
20.0%	51.5	51.5	0.0	0.0%
21.3%	51.5	51.5	0.0	0.1%
22.5%	51.5	51.5	0.0	0.0%
23.8%	51.4	51.3	-0.1	-0.1%
25.0%	51.3	51.3	0.0	-0.1%
26.3%	51.2	51.3	0.1	0.1%
27.5%	51.2	51.2	0.0	0.1%
28.8%	51.2	51.1	0.0	-0.1%
30.0%	51.1	51.1	0.0	-0.1%
31.3%	51.1	51.0	-0.1	-0.1%
32.5%	51.0	51.0	0.0	0.0%
33.8%	51.0	51.0	0.0	0.0%
35.0%	50.9	51.0	0.1	0.1%
36.3%	50.9	51.0	0.1	0.2%
37.5%	50.8	51.0	0.1	0.3%
38.8%	50.8	51.0	0.1	0.2%
40.0%	50.8	51.0	0.1	0.2%
41.3%	50.8	50.9	0.1	0.3%
42.5%	50.8	50.9	0.1	0.3%
43.8%	50.8	50.9	0.2	0.3%
45.0%	50.8	50.9	0.2	0.3%
46.3%	50.7	50.9	0.2	0.3%
47.5%	50.7	50.8	0.2	0.3%
48.8%	50.6	50.8	0.2	0.4%
50.0%	50.6	50.7	0.1	0.2%
51.3%	50.6	50.7	0.1	0.2%
52.5%	50.6	50.7	0.1	0.2%
53.8%	50.6	50.7	0.1	0.2%
55.0%	50.5	50.7	0.2	0.3%
56.3%	50.5	50.6	0.2	0.3%
57.5%	50.5	50.6	0.1	0.3%
58.8%	50.4	50.5	0.1	0.3%
60.0%	50.4	50.4	0.1	0.1%
61.3%	50.3	50.4	0.1	0.2%
62.5%	50.3	50.3	0.0	-0.1%
63.8%	50.3	50.3	0.0	0.0%
65.0%	50.2	50.2	0.0	0.0%
66.3%	50.2	50.1	-0.1	-0.2%
67.5%	50.2	50.1	-0.1	-0.1%
68.8%	50.1	50.1	0.0	0.0%
70.0%	49.9	49.9	0.0	0.0%
71.3%	49.8	49.8	0.0	0.0%
72.5%	49.8	49.8	0.0	0.0%
73.8%	49.7	49.8	0.1	0.2%
75.0%	49.6	49.6	0.0	0.1%
76.3%	49.6	49.6	0.0	0.1%
77.5%	49.5	49.6	0.1	0.2%
78.8%	49.5	49.6	0.1	0.1%
80.0%	49.5	49.5	0.0	0.0%
81.3%	49.4	49.4	0.0	0.1%
82.5%	49.4	49.4	0.1	0.1%
83.8%	49.3	49.4	0.1	0.2%
85.0%	49.2	49.4	0.2	0.3%
86.3%	49.1	49.1	0.1	0.2%
87.5%	48.9	49.1	0.2	0.4%
88.8%	48.8	48.9	0.1	0.2%
90.0%	48.5	48.6	0.1	0.2%
91.3%	48.5	48.6	0.1	0.1%
92.5%	48.5	48.5	0.1	0.2%
93.8%	48.4	48.4	0.0	0.0%
95.0%	48.4	48.3	0.0	-0.1%
96.3%	48.2	48.2	0.0	-0.1%
97.5%	48.0	47.9	-0.1	-0.2%
98.8%	46.3	47.1	0.8	1.7%
100.0%	46.2	46.7	0.4	0.9%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.6	50.4	-0.3	-0.5%
1.3%	50.0	50.0	0.0	0.1%
2.5%	49.5	49.5	0.0	0.1%
3.8%	49.3	49.4	0.1	0.3%
5.0%	49.2	49.4	0.1	0.3%
6.3%	49.2	49.3	0.0	0.1%
7.5%	49.1	49.1	0.0	0.0%
8.8%	49.1	49.1	0.0	0.0%
10.0%	49.0	49.1	0.0	0.1%
11.3%	49.0	49.0	0.0	-0.1%
12.5%	49.0	49.0	0.0	-0.1%
13.8%	48.8	48.8	0.0	0.0%
15.0%	48.7	48.8	0.1	0.2%
16.3%	48.7	48.8	0.1	0.2%
17.5%	48.5	48.6	0.1	0.1%
18.8%	48.5	48.5	0.0	0.0%
20.0%	48.5	48.5	0.1	0.1%
21.3%	48.4	48.5	0.1	0.2%
22.5%	48.4	48.5	0.1	0.2%
23.8%	48.3	48.3	0.0	0.0%
25.0%	48.2	48.2	0.0	0.0%
26.3%	48.2	48.2	0.0	0.1%
27.5%	48.2	48.2	0.0	0.0%
28.8%	48.1	48.1	0.0	0.0%
30.0%	48.1	48.1	0.0	0.1%
31.3%	48.1	48.1	0.0	0.1%
32.5%	48.0	48.1	0.0	0.0%
33.8%	48.0	48.1	0.0	0.1%
35.0%	48.0	48.0	0.0	0.1%
36.3%	48.0	48.0	0.0	0.1%
37.5%	47.9	47.9	0.0	0.0%
38.8%	47.9	47.9	0.0	0.0%
40.0%	47.8	47.8	0.0	0.0%
41.3%	47.8	47.8	0.0	0.0%
42.5%	47.7	47.7	0.0	-0.1%
43.8%	47.5	47.5	0.0	0.0%
45.0%	47.5	47.5	0.0	0.0%
46.3%	47.4	47.5	0.1	0.2%
47.5%	47.3	47.5	0.1	0.3%
48.8%	47.3	47.3	0.0	0.0%
50.0%	47.3	47.3	0.0	0.0%
51.3%	47.3	47.3	0.0	0.0%
52.5%	47.3	47.3	0.0	0.0%
53.8%	47.2	47.2	0.0	0.0%
55.0%	47.2	47.2	0.0	-0.1%
56.3%	47.2	47.2	-0.1	-0.1%
57.5%	47.2	47.1	-0.1	-0.1%
58.8%	47.2	47.1	-0.1	-0.1%
60.0%	47.1	47.1	-0.1	-0.1%
61.3%	47.0	47.1	0.1	0.1%
62.5%	47.0	47.0	0.0	0.0%
63.8%	47.0	47.0	0.0	0.0%
65.0%	47.0	47.0	0.0	0.0%
66.3%	46.9	46.9	0.0	0.0%
67.5%	46.9	46.9	0.0	0.0%
68.8%	46.8	46.9	0.0	0.0%
70.0%	46.8	46.8	0.0	-0.1%
71.3%	46.7	46.8	0.0	0.1%
72.5%	46.6	46.6	0.0	0.0%
73.8%	46.5	46.6	0.1	0.2%
75.0%	46.5	46.6	0.1	0.2%
76.3%	46.3	46.4	0.0	0.1%
77.5%	46.3	46.4	0.1	0.2%
78.8%	46.2	46.3	0.1	0.2%
80.0%	46.2	46.3	0.1	0.2%
81.3%	46.1	46.3	0.2	0.4%
82.5%	46.1	46.3	0.2	0.3%
83.8%	46.1	46.3	0.1	0.3%
85.0%	46.1	46.2	0.1	0.3%
86.3%	46.0	46.2	0.2	0.5%
87.5%	46.0	46.2	0.2	0.5%
88.8%	45.9	46.0	0.0	0.1%
90.0%	45.9	45.9	0.0	0.0%
91.3%	45.6	45.8	0.2	0.4%
92.5%	45.6	45.5	-0.1	-0.3%
93.8%	45.5	45.5	0.0	0.0%
95.0%	45.4	45.4	0.0	0.0%
96.3%	45.3	45.4	0.2	0.4%
97.5%	45.2	45.4	0.2	0.4%
98.8%	45.1	45.0	-0.1	-0.2%
100.0%	44.6	44.5	-0.2	-0.3%

Table SQ-41-2b

American River at the Mouth, Monthly Temperature

Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	52.7	52.4	-0.3	-0.6%
1.3%	52.4	52.2	-0.3	-0.5%
2.5%	52.2	52.2	-0.1	-0.2%
3.8%	52.1	52.1	0.0	0.0%
5.0%	52.1	51.8	-0.2	-0.4%
6.3%	51.8	51.8	0.1	0.1%
7.5%	51.7	51.8	0.1	0.2%
8.8%	51.6	51.8	0.2	0.4%
10.0%	51.5	51.8	0.3	0.5%
11.3%	51.5	51.5	0.1	0.1%
12.5%	51.4	51.5	0.1	0.2%
13.8%	51.3	51.4	0.1	0.3%
15.0%	51.3	51.4	0.1	0.2%
16.3%	51.2	51.3	0.1	0.2%
17.5%	51.2	51.3	0.1	0.2%
18.8%	51.2	51.3	0.1	0.1%
20.0%	51.2	51.3	0.1	0.2%
21.3%	51.1	51.2	0.1	0.2%
22.5%	50.8	51.0	0.2	0.4%
23.8%	50.6	50.7	0.1	0.2%
25.0%	50.5	50.6	0.1	0.1%
26.3%	50.5	50.5	0.0	0.1%
27.5%	50.5	50.5	0.0	0.1%
28.8%	50.5	50.5	0.0	0.1%
30.0%	50.4	50.4	0.0	0.0%
31.3%	50.4	50.4	0.0	0.1%
32.5%	50.3	50.4	0.1	0.2%
33.8%	50.3	50.4	0.1	0.1%
35.0%	50.3	50.4	0.1	0.2%
36.3%	50.3	50.3	0.1	0.1%
37.5%	50.2	50.3	0.0	0.1%
38.8%	50.2	50.3	0.0	0.1%
40.0%	50.2	50.2	0.0	0.0%
41.3%	50.2	50.2	0.0	0.0%
42.5%	50.2	50.2	0.0	0.0%
43.8%	50.2	50.2	0.0	0.1%
45.0%	50.1	50.1	0.0	0.0%
46.3%	50.1	50.0	-0.1	-0.1%
47.5%	50.0	49.9	-0.1	-0.2%
48.8%	50.0	49.8	-0.2	-0.3%
50.0%	49.9	49.8	-0.1	-0.1%
51.3%	49.8	49.8	0.0	0.0%
52.5%	49.8	49.7	-0.1	-0.2%
53.8%	49.8	49.7	-0.1	-0.2%
55.0%	49.8	49.7	-0.1	-0.2%
56.3%	49.7	49.6	-0.1	-0.2%
57.5%	49.6	49.5	-0.1	-0.2%
58.8%	49.5	49.5	0.0	0.0%
60.0%	49.5	49.4	-0.1	-0.2%
61.3%	49.4	49.3	-0.1	-0.2%
62.5%	49.3	49.1	-0.1	-0.3%
63.8%	49.2	49.1	-0.1	-0.1%
65.0%	49.1	49.1	0.0	0.0%
66.3%	49.0	49.0	0.0	0.1%
67.5%	49.0	49.0	0.1	0.1%
68.8%	48.9	48.9	0.0	-0.1%
70.0%	48.9	48.9	0.0	0.0%
71.3%	48.8	48.8	0.0	0.1%
72.5%	48.7	48.8	0.2	0.4%
73.8%	48.7	48.8	0.2	0.3%
75.0%	48.6	48.8	0.2	0.4%
76.3%	48.6	48.6	0.0	0.0%
77.5%	48.5	48.5	0.0	0.0%
78.8%	48.3	48.3	0.1	0.1%
80.0%	48.3	48.3	0.0	0.0%
81.3%	48.3	48.3	0.0	0.1%
82.5%	48.2	48.2	-0.1	-0.1%
83.8%	48.2	48.1	-0.1	-0.1%
85.0%	48.1	48.1	0.0	-0.1%
86.3%	48.1	48.0	-0.1	-0.1%
87.5%	48.0	48.0	0.0	0.0%
88.8%	47.8	47.8	0.0	0.0%
90.0%	47.8	47.7	-0.1	-0.3%
91.3%	47.4	47.4	0.0	0.0%
92.5%	47.4	47.3	-0.1	-0.2%
93.8%	47.2	47.2	0.0	0.0%
95.0%	47.2	47.1	-0.1	-0.3%
96.3%	47.1	46.8	-0.3	-0.5%
97.5%	46.8	46.8	0.0	0.0%
98.8%	46.6	46.6	0.1	0.1%
100.0%	46.3	46.5	0.3	0.6%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	57.9	59.0	1.1	1.9%
1.3%	57.8	58.1	0.3	0.6%
2.5%	57.6	57.2	-0.4	-0.6%
3.8%	57.2	57.2	0.1	0.1%
5.0%	56.9	57.0	0.1	0.2%
6.3%	56.7	56.6	-0.1	-0.1%
7.5%	56.6	56.4	-0.2	-0.4%
8.8%	56.4	56.0	-0.4	-0.6%
10.0%	55.9	55.9	0.0	0.0%
11.3%	55.8	55.8	0.0	-0.1%
12.5%	55.8	55.8	-0.1	-0.1%
13.8%	55.6	55.6	0.0	-0.1%
15.0%	55.4	55.6	0.1	0.3%
16.3%	55.4	55.6	0.2	0.3%
17.5%	55.4	55.5	0.1	0.3%
18.8%	55.3	55.3	0.0	0.0%
20.0%	55.2	55.3	0.0	0.1%
21.3%	55.2	55.3	0.0	0.0%
22.5%	55.1	55.2	0.1	0.2%
23.8%	55.0	55.1	0.1	0.1%
25.0%	54.9	55.0	0.1	0.1%
26.3%	54.9	55.0	0.0	0.1%
27.5%	54.9	54.9	0.0	0.1%
28.8%	54.9	54.9	0.0	0.0%
30.0%	54.9	54.8	0.0	-0.1%
31.3%	54.8	54.8	0.0	-0.1%
32.5%	54.8	54.7	-0.1	-0.2%
33.8%	54.8	54.4	-0.4	-0.7%
35.0%	54.7	54.4	-0.3	-0.6%
36.3%	54.6	54.3	-0.3	-0.6%
37.5%	54.5	54.2	-0.3	-0.6%
38.8%	54.5	54.2	-0.3	-0.5%
40.0%	54.5	54.2	-0.3	-0.6%
41.3%	54.3	54.1	-0.1	-0.3%
42.5%	54.1	54.1	0.0	0.1%
43.8%	53.9	54.1	0.3	0.5%
45.0%	53.8	54.0	0.2	0.3%
46.3%	53.8	53.9	0.2	0.3%
47.5%	53.7	53.8	0.1	0.2%
48.8%	53.7	53.7	0.0	0.1%
50.0%	53.7	53.7	0.0	0.1%
51.3%	53.7	53.7	0.0	0.1%
52.5%	53.6	53.7	0.1	0.1%
53.8%	53.6	53.6	0.0	0.1%
55.0%	53.6	53.6	0.0	0.0%
56.3%	53.5	53.5	0.0	0.0%
57.5%	53.5	53.5	0.0	0.0%
58.8%	53.5	53.5	0.0	0.0%
60.0%	53.5	53.5	0.0	0.1%
61.3%	53.4	53.5	0.1	0.2%
62.5%	53.2	53.4	0.2	0.3%
63.8%	53.2	53.3	0.1	0.2%
65.0%	53.1	53.3	0.2	0.3%
66.3%	53.1	53.3	0.2	0.4%
67.5%	52.9	53.2	0.3	0.5%
68.8%	52.9	53.1	0.3	0.5%
70.0%	52.8	53.0	0.2	0.3%
71.3%	52.8	53.0	0.2	0.3%
72.5%	52.8	52.9	0.2	0.3%
73.8%	52.7	52.8	0.1	0.2%
75.0%	52.7	52.8	0.1	0.3%
76.3%	52.7	52.8	0.1	0.2%
77.5%	52.6	52.6	0.0	0.0%
78.8%	52.6	52.6	0.0	0.0%
80.0%	52.6	52.5	-0.1	-0.2%
81.3%	52.4	52.4	0.0	0.0%
82.5%	52.4	52.4	0.0	0.1%
83.8%	52.3	52.3	0.0	-0.1%
85.0%	52.2	52.2	0.0	0.0%
86.3%	52.1	52.2	0.1	0.2%
87.5%	52.1	52.0	-0.1	-0.2%
88.8%	51.9	51.9	0.0	-0.1%
90.0%	51.8	51.6	-0.2	-0.3%
91.3%	51.5	51.5	0.0	0.0%
92.5%	51.5	51.5	0.0	0.0%
93.8%	51.5	51.5	0.0	0.0%
95.0%	51.2	51.2	0.0	-0.1%
96.3%	51.2	51.1	-0.1	-0.1%
97.5%	50.9	50.9	0.0	-0.1%
98.8%	50.8	50.6	-0.3	-0.5%
100.0%	50.5	50.5	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	64.4	65.3	0.9	1.4%
1.3%	64.0	61.7	-2.3	-3.5%
2.5%	61.4	61.4	0.0	0.0%
3.8%	61.3	61.0	-0.3	-0.4%
5.0%	61.2	60.8	-0.4	-0.7%
6.3%	60.9	60.7	-0.2	-0.3%
7.5%	60.3	60.4	0.1	0.2%
8.8%	60.1	60.3	0.3	0.4%
10.0%	59.8	60.3	0.5	0.8%
11.3%	59.8	60.1	0.3	0.5%
12.5%	59.6	59.7	0.1	0.2%
13.8%	59.6	59.7	0.1	0.2%
15.0%	59.5	59.5	0.0	0.0%
16.3%	59.5	59.5	0.0	0.0%
17.5%	59.5	59.4	0.0	0.0%
18.8%	59.5	59.4	0.0	-0.1%
20.0%	59.4	59.3	-0.1	-0.2%
21.3%	59.3	59.3	0.0	0.0%
22.5%	59.3	59.3	0.0	0.0%
23.8%	59.0	59.1	0.1	0.2%
25.0%	58.9	59.0	0.1	0.1%
26.3%	58.9	59.0	0.1	0.1%
27.5%	58.8	58.9	0.1	0.2%
28.8%	58.8	58.9	0.2	0.3%
30.0%	58.8	58.9	0.1	0.2%
31.3%	58.6	58.5	0.0	-0.1%
32.5%	58.5	58.4	-0.2	-0.3%
33.8%	58.4	58.3	-0.1	-0.2%
35.0%	58.4	58.3	0.0	-0.1%
36.3%	58.1	58.3	0.1	0.2%
37.5%	58.1	58.3	0.2	0.3%
38.8%	57.9	58.1	0.1	0.2%
40.0%	57.8	58.0	0.1	0.2%
41.3%	57.8	57.9	0.2	0.3%
42.5%	57.5	57.9	0.4	0.6%
43.8%	57.5	57.8	0.3	0.6%
45.0%	57.5	57.8	0.3	0.6%
46.3%	57.5	57.8	0.4	0.6%
47.5%	57.4	57.5	0.0	0.1%
48.8%	57.4	57.3	-0.1	-0.1%
50.0%	57.3	57.3	0.0	-0.1%
51.3%	57.3	57.3	0.0	0.0%
52.5%	57.2	57.2	0.1	0.1%
53.8%	57.1	57.2	0.1	0.1%
55.0%	57.1	57.1	0.0	0.0%
56.3%	57.0	57.1	0.1	0.1%
57.5%	57.0	57.0	0.0	0.1%
58.8%	57.0	57.0	0.0	0.1%
60.0%	56.8	56.9	0.1	0.2%
61.3%	56.7	56.8	0.1	0.1%
62.5%	56.7	56.7	0.0	0.0%
63.8%	56.7	56.7	0.1	0.1%
65.0%	56.6	56.7	0.1	0.1%
66.3%	56.6	56.6	0.0	0.1%
67.5%	56.6	56.6	0.0	0.1%
68.8%	56.5	56.5	0.1	0.2%
70.0%	56.4	56.4	0.0	0.0%
71.3%	56.3	56.4	0.0	0.1%
72.5%	56.3	56.3	0.0	0.1%
73.8%	56.3	56.3	0.0	0.1%
75.0%	56.2	56.3	0.1	0.1%
76.3%	56.1	56.1	0.0	-0.1%
77.5%	56.0	56.1	0.0	0.1%
78.8%	56.0	56.0	0.1	0.1%
80.0%	55.9	56.0	0.2	0.3%
81.3%	55.8	55.9	0.1	0.1%
82.5%	55.7	55.7	-0.1	-0.1%
83.8%	55.7	55.5	-0.1	-0.2%
85.0%	55.5	55.5	0.0	0.0%
86.3%	55.2	55.4	0.2	0.4%
87.5%	55.2	55.2	0.0	0.0%
88.8%	55.1	55.2	0.0	0.0%
90.0%	55.1	55.1	0.1	0.1%
91.3%	55.0	55.1	0.0	0.0%
92.5%	55.0	55.0	-0.1	-0.1%
93.8%	54.7	54.8	0.1	0.2%
95.0%	54.6	54.5	-0.1	-0.3%
96.3%	54.4	54.3	-0.1	-0.2%
97.5%	54.4	54.1	-0.3	-0.5%
98.8%	54.3	54.0	-0.3	-0.6%
100.0%	53.8	53.9	0.0	0.1%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	71.5	70.5	-0.9	-1.3%
1.3%	71.3	68.5	-2.8	-3.9%
2.5%	69.7	68.0	-1.6	-2.4%
3.8%	67.2	67.2	0.1	0.1%
5.0%	66.0	66.3	0.4	0.5%
6.3%	65.7	65.6	-0.1	-0.1%
7.5%	65.4	65.5	0.2	0.3%
8.8%	65.1	64.9	-0.2	-0.3%
10.0%	64.9	64.8	-0.1	-0.1%
11.3%	64.3	64.5	0.2	0.2%
12.5%	64.3	64.3	0.1	0.1%
13.8%	64.0	64.2	0.2	0.4%
15.0%	63.8	64.1	0.3	0.5%
16.3%	63.6	63.9	0.3	0.4%
17.5%	63.5	63.6	0.1	0.1%
18.8%	63.5	63.5	0.0	0.1%
20.0%	63.2	63.2	0.0	0.0%
21.3%	63.0	62.9	-0.1	-0.2%
22.5%	63.0	62.9	-0.2	-0.2%
23.8%	62.9	62.8	-0.2	-0.3%
25.0%	62.9	62.4	-0.5	-0.8%
26.3%	62.7	62.4	-0.3	-0.4%
27.5%	62.7	62.3	-0.3	-0.6%
28.8%	62.6	62.0	-0.6	-0.9%
30.0%	62.4	62.0	-0.4	-0.6%
31.3%	62.4	62.0	-0.4	-0.6%
32.5%	62.4	61.9	-0.5	-0.8%
33.8%	62.1	61.8	-0.3	-0.5%
35.0%	62.1	61.6	-0.4	-0.7%
36.3%	61.8	61.6	-0.2	-0.3%
37.5%	61.8	61.6	-0.2	-0.2%
38.8%	61.4	61.6	0.2	0.3%
40.0%	60.9	61.1	0.2	0.3%
41.3%	60.7	60.7	-0.1	-0.1%
42.5%	60.6	60.2	-0.4	-0.7%
43.8%	60.3	60.1	-0.3	-0.4%
45.0%	60.1	60.1	0.0	-0.1%
46.3%	60.1	60.0	0.0	-0.1%
47.5%	60.1	60.0	-0.1	-0.1%
48.8%	60.0	60.0	-0.1	-0.1%
50.0%	59.8	59.9	0.1	0.3%
51.3%	59.7	59.8	0.0	0.1%
52.5%	59.7	59.7	0.1	0.1%
53.8%	59.7	59.7	0.1	0.1%
55.0%	59.4	59.6	0.2	0.4%
56.3%	59.2	59.4	0.2	0.3%
57.5%	59.2	59.3	0.1	0.2%
58.8%	59.1	59.3	0.1	0.3%
60.0%	59.0	59.3	0.3	0.5%
61.3%	58.9	59.2	0.4	0.6%
62.5%	58.8	59.1	0.3	0.5%
63.8%	58.8	58.9	0.1	0.3%
65.0%	58.7	58.9	0.2	0.3%
66.3%	58.7	58.8	0.1	0.2%
67.5%	58.7	58.8	0.1	0.2%
68.8%	58.4	58.8	0.3	0.6%
70.0%	58.4	58.7	0.3	0.5%
71.3%	58.3	58.6	0.3	0.4%
72.5%	58.3	58.6	0.2	0.4%
73.8%	58.3	58.3	0.1	0.1%
75.0%	58.1	58.1	0.0	0.0%
76.3%	58.1	58.1	0.0	0.0%
77.5%	58.1	58.1	0.0	0.0%
78.8%	58.1	58.1	0.0	0.1%
80.0%	58.1	58.1	0.0	0.0%
81.3%	58.0	58.1	0.1	0.2%
82.5%	57.9	58.0	0.1	0.3%
83.8%	57.8	57.8	0.0	0.0%
85.0%	57.8	57.7	0.0	-0.1%
86.3%	57.6	57.6	0.0	0.0%
87.5%	57.6	57.5	0.0	-0.1%
88.8%	57.2	57.4	0.2	0.4%
90.0%	57.1	57.4	0.3	0.5%
91.3%	57.0	57.3	0.3	0.6%
92.5%	57.0	56.8	-0.2	-0.3%
93.8%	56.7	56.7	0.0	0.0%
95.0%	56.7	56.6	-0.1	-0.1%
96.3%	56.4	56.3	-0.1	-0.2%
97.5%	56.3	56.1	-0.2	-0.4%
98.8%	56.2	55.6	-0.6	-1.0%
100.0%	55.4	55.3	-0.1	-0.2%

Table SQ-41-2b

American River at the Mouth, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	76.0	76.2	0.2	0.3%
1.3%	73.8	75.7	1.9	2.5%
2.5%	73.1	74.5	1.4	1.9%
3.8%	72.0	73.0	1.0	1.4%
5.0%	70.5	69.3	-1.2	-1.7%
6.3%	67.3	67.5	0.2	0.3%
7.5%	67.1	67.5	0.3	0.5%
8.8%	67.1	67.3	0.2	0.3%
10.0%	67.1	67.1	0.1	0.1%
11.3%	66.9	66.9	0.0	0.0%
12.5%	66.9	66.8	-0.1	-0.1%
13.8%	66.8	66.7	-0.1	-0.2%
15.0%	66.7	66.6	-0.1	-0.1%
16.3%	66.5	66.4	-0.1	-0.1%
17.5%	66.4	66.4	0.0	0.0%
18.8%	66.3	66.4	0.0	0.0%
20.0%	66.3	66.3	0.0	0.0%
21.3%	66.3	66.0	-0.3	-0.4%
22.5%	66.0	65.9	-0.1	-0.1%
23.8%	66.0	65.8	-0.2	-0.4%
25.0%	65.6	65.6	-0.1	-0.1%
26.3%	65.4	65.5	0.1	0.2%
27.5%	65.4	65.5	0.0	0.1%
28.8%	65.2	65.2	0.0	0.0%
30.0%	65.2	65.2	0.0	0.0%
31.3%	65.1	64.8	-0.4	-0.6%
32.5%	64.9	64.7	-0.1	-0.2%
33.8%	64.3	64.7	0.4	0.6%
35.0%	64.3	64.3	0.0	0.0%
36.3%	64.1	63.8	-0.3	-0.4%
37.5%	64.0	63.8	-0.2	-0.3%
38.8%	63.7	63.8	0.1	0.1%
40.0%	63.7	63.8	0.1	0.1%
41.3%	63.5	63.7	0.1	0.2%
42.5%	63.4	63.3	-0.1	-0.1%
43.8%	63.4	63.3	0.0	-0.1%
45.0%	63.3	63.2	-0.1	-0.2%
46.3%	63.1	63.2	0.2	0.2%
47.5%	63.0	63.1	0.1	0.2%
48.8%	63.0	63.1	0.2	0.3%
50.0%	62.9	63.0	0.2	0.3%
51.3%	62.8	62.9	0.1	0.1%
52.5%	62.7	62.7	0.1	0.1%
53.8%	62.5	62.6	0.1	0.1%
55.0%	62.5	62.6	0.1	0.2%
56.3%	62.5	62.5	0.0	0.0%
57.5%	62.4	62.4	0.0	0.0%
58.8%	62.3	62.4	0.2	0.3%
60.0%	62.0	62.3	0.3	0.5%
61.3%	62.0	62.2	0.2	0.3%
62.5%	62.0	62.2	0.2	0.4%
63.8%	61.8	62.1	0.3	0.5%
65.0%	61.8	62.1	0.3	0.4%
66.3%	61.7	62.0	0.3	0.5%
67.5%	61.7	62.0	0.3	0.4%
68.8%	61.7	61.9	0.2	0.3%
70.0%	61.7	61.8	0.2	0.3%
71.3%	61.6	61.8	0.2	0.3%
72.5%	61.6	61.7	0.0	0.0%
73.8%	61.5	61.5	0.0	0.1%
75.0%	61.5	61.5	0.0	0.0%
76.3%	61.2	61.3	0.1	0.2%
77.5%	61.1	61.2	0.1	0.2%
78.8%	60.9	60.9	0.0	0.0%
80.0%	60.7	60.9	0.2	0.2%
81.3%	60.7	60.8	0.1	0.2%
82.5%	60.7	60.8	0.0	0.1%
83.8%	60.7	60.7	0.0	0.0%
85.0%	60.6	60.5	-0.1	-0.1%
86.3%	60.6	60.5	-0.1	-0.2%
87.5%	60.5	60.4	0.0	0.0%
88.8%	60.4	60.4	0.0	0.0%
90.0%	60.3	60.3	0.0	0.0%
91.3%	60.2	60.2	0.0	0.0%
92.5%	60.1	60.1	0.0	0.0%
93.8%	59.5	59.5	0.0	0.1%
95.0%	59.2	59.2	0.0	-0.1%
96.3%	58.8	58.8	0.0	-0.1%
97.5%	58.7	58.6	-0.1	-0.1%
98.8%	58.1	57.8	-0.3	-0.4%
100.0%	57.8	57.8	0.0	0.0%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	82.2	82.5	0.3	0.4%
1.3%	74.9	79.1	4.2	5.6%
2.5%	74.2	75.8	1.5	2.1%
3.8%	73.8	74.8	1.0	1.3%
5.0%	72.8	71.6	-1.2	-1.7%
6.3%	71.9	70.9	-1.0	-1.5%
7.5%	70.5	70.9	0.3	0.5%
8.8%	69.9	70.2	0.3	0.5%
10.0%	69.4	69.6	0.2	0.2%
11.3%	69.4	69.6	0.2	0.2%
12.5%	69.3	69.3	0.0	0.0%
13.8%	69.1	69.2	0.0	0.1%
15.0%	68.7	68.6	0.0	0.0%
16.3%	68.6	68.5	-0.1	-0.1%
17.5%	68.3	68.0	-0.3	-0.5%
18.8%	67.9	67.8	-0.1	-0.1%
20.0%	67.9	67.8	0.0	-0.1%
21.3%	67.8	67.4	-0.4	-0.6%
22.5%	67.0	67.4	0.3	0.5%
23.8%	67.0	67.0	0.0	0.0%
25.0%	66.8	66.9	0.1	0.2%
26.3%	66.7	66.7	0.0	0.0%
27.5%	66.5	66.7	0.2	0.3%
28.8%	66.4	66.6	0.2	0.3%
30.0%	66.3	66.3	0.1	0.1%
31.3%	66.3	66.3	0.0	0.0%
32.5%	66.2	66.2	0.0	0.1%
33.8%	66.2	66.2	0.1	0.1%
35.0%	66.1	66.2	0.1	0.2%
36.3%	66.0	66.2	0.2	0.3%
37.5%	66.0	66.1	0.1	0.2%
38.8%	65.9	66.0	0.1	0.1%
40.0%	65.9	66.0	0.0	0.1%
41.3%	65.8	66.0	0.1	0.2%
42.5%	65.8	65.9	0.1	0.2%
43.8%	65.8	65.8	0.1	0.1%
45.0%	65.8	65.8	0.0	0.1%
46.3%	65.7	65.8	0.1	0.1%
47.5%	65.7	65.8	0.1	0.2%
48.8%	65.6	65.8	0.2	0.2%
50.0%	65.6	65.7	0.2	0.3%
51.3%	65.5	65.7	0.2	0.2%
52.5%	65.5	65.7	0.2	0.2%
53.8%	65.4	65.6	0.2	0.3%
55.0%	65.4	65.6	0.2	0.3%
56.3%	65.4	65.6	0.2	0.3%
57.5%	65.4	65.6	0.2	0.3%
58.8%	65.4	65.6	0.2	0.3%
60.0%	65.3	65.5	0.2	0.2%
61.3%	65.3	65.5	0.2	0.3%
62.5%	65.2	65.4	0.3	0.4%
63.8%	65.2	65.4	0.3	0.4%
65.0%	65.2	65.3	0.2	0.3%
66.3%	65.1	65.3	0.2	0.3%
67.5%	65.1	65.3	0.2	0.3%
68.8%	65.0	65.2	0.2	0.3%
70.0%	65.0	65.2	0.1	0.2%
71.3%	65.0	65.2	0.1	0.2%
72.5%	65.0	65.2	0.2	0.2%
73.8%	65.0	65.1	0.2	0.2%
75.0%	64.9	65.1	0.2	0.3%
76.3%	64.7	65.0	0.2	0.3%
77.5%	64.7	64.8	0.1	0.2%
78.8%	64.6	64.8	0.2	0.3%
80.0%	64.6	64.7	0.1	0.1%
81.3%	64.6	64.6	0.0	0.1%
82.5%	64.6	64.6	0.0	0.0%
83.8%	64.6	64.5	0.0	-0.1%
85.0%	64.5	64.5	0.0	0.0%
86.3%	64.4	64.4	0.0	0.0%
87.5%	64.3	64.4	0.1	0.2%
88.8%	64.2	64.3	0.1	0.2%
90.0%	64.2	64.1	0.0	0.0%
91.3%	64.1	64.0	-0.1	-0.1%
92.5%	64.1	64.0	-0.1	-0.2%
93.8%	64.0	63.9	-0.1	-0.1%
95.0%	63.6	63.6	0.0	-0.1%
96.3%	63.4	63.4	0.0	-0.1%
97.5%	63.0	62.9	-0.1	-0.2%
98.8%	61.9	61.9	0.0	0.0%
100.0%	61.7	61.5	-0.1	-0.2%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	82.7	80.9	-1.9	-2.3%
1.3%	78.1	76.2	-1.9	-2.4%
2.5%	75.5	75.4	-0.1	-0.1%
3.8%	74.5	74.4	0.0	0.0%
5.0%	73.6	72.3	-1.3	-1.7%
6.3%	73.2	71.2	-2.0	-2.8%
7.5%	71.6	70.9	-0.7	-1.0%
8.8%	71.0	70.7	-0.3	-0.4%
10.0%	70.6	70.7	0.1	0.2%
11.3%	70.4	70.0	-0.5	-0.7%
12.5%	70.1	70.0	-0.1	-0.2%
13.8%	69.9	69.8	-0.1	-0.2%
15.0%	69.8	69.7	-0.1	-0.2%
16.3%	69.6	69.6	0.0	0.0%
17.5%	69.5	69.5	0.1	0.1%
18.8%	69.5	69.5	0.0	0.0%
20.0%	68.9	69.2	0.3	0.4%
21.3%	68.5	68.8	0.3	0.5%
22.5%	68.4	68.4	0.1	0.1%
23.8%	68.3	68.2	-0.1	-0.1%
25.0%	68.3	67.7	-0.6	-0.8%
26.3%	68.0	67.7	-0.3	-0.5%
27.5%	67.9	67.6	-0.3	-0.5%
28.8%	67.7	67.6	-0.1	-0.1%
30.0%	67.6	67.5	-0.1	-0.1%
31.3%	67.5	67.4	-0.1	-0.1%
32.5%	67.5	67.4	-0.1	-0.1%
33.8%	67.5	67.4	-0.1	-0.1%
35.0%	67.4	67.4	0.0	0.0%
36.3%	67.4	67.4	0.0	0.0%
37.5%	67.4	67.4	0.0	0.0%
38.8%	67.3	67.3	0.0	0.0%
40.0%	67.3	67.3	0.0	0.0%
41.3%	67.3	67.3	0.0	0.0%
42.5%	67.3	67.3	0.0	0.0%
43.8%	67.3	67.3	0.0	0.0%
45.0%	67.3	67.3	0.0	0.0%
46.3%	67.3	67.2	0.0	-0.1%
47.5%	67.2	67.2	0.0	-0.1%
48.8%	67.2	67.2	0.0	0.0%
50.0%	67.2	67.2	0.0	0.0%
51.3%	67.2	67.2	0.0	0.0%
52.5%	67.1	67.1	0.0	0.0%
53.8%	67.1	67.1	0.0	0.0%
55.0%	67.1	67.1	0.0	0.0%
56.3%	67.0	67.1	0.1	0.1%
57.5%	66.9	67.0	0.0	0.1%
58.8%	66.9	67.0	0.1	0.1%
60.0%	66.8	67.0	0.1	0.2%
61.3%	66.7	66.9	0.2	0.3%
62.5%	66.7	66.8	0.2	0.2%
63.8%	66.7	66.8	0.1	0.2%
65.0%	66.7	66.7	0.0	0.0%
66.3%	66.6	66.6	0.0	0.0%
67.5%	66.6	66.6	0.0	0.0%
68.8%	66.5	66.5	0.0	0.0%
70.0%	66.5	66.5	0.0	-0.1%
71.3%	66.5	66.5	0.0	0.0%
72.5%	66.4	66.4	0.0	0.0%
73.8%	66.4	66.3	-0.1	-0.1%
75.0%	66.4	66.2	-0.2	-0.3%
76.3%	66.3	66.1	-0.2	-0.3%
77.5%	66.3	66.1	-0.2	-0.3%
78.8%	66.2	65.9	-0.3	-0.4%
80.0%	66.0	65.9	-0.1	-0.1%
81.3%	65.8	65.8	0.0	0.0%
82.5%	65.6	65.6	0.0	0.0%
83.8%	65.6	65.6	0.0	0.0%
85.0%	65.6	65.5	-0.1	-0.1%
86.3%	65.5	65.4	-0.1	-0.1%
87.5%	65.4	65.4	0.0	0.0%
88.8%	65.3	65.4	0.1	0.2%
90.0%	65.3	65.4	0.1	0.2%
91.3%	65.1	65.3	0.2	0.3%
92.5%	65.1	65.3	0.2	0.3%
93.8%	65.1	65.2	0.1	0.2%
95.0%	65.0	65.1	0.1	0.1%
96.3%	64.9	65.0	0.1	0.1%
97.5%	64.9	64.9	0.0	0.0%
98.8%	64.9	64.8	-0.1	-0.2%
100.0%	64.7	64.7	0.0	0.0%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative B	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	76.5	75.4	-1.1	-1.4%
1.3%	75.6	74.7	-0.8	-1.1%
2.5%	74.6	73.2	-1.3	-1.8%
3.8%	72.7	73.1	0.4	0.6%
5.0%	71.5	71.7	0.2	0.2%
6.3%	70.5	70.5	0.0	0.0%
7.5%	70.4	70.5	0.0	0.1%
8.8%	70.3	70.2	-0.1	-0.1%
10.0%	70.3	69.4	-0.9	-1.2%
11.3%	69.6	69.2	-0.4	-0.5%
12.5%	69.4	69.1	-0.3	-0.4%
13.8%	69.4	69.1	-0.3	-0.5%
15.0%	69.3	69.0	-0.2	-0.3%
16.3%	68.4	68.9	0.5	0.7%
17.5%	68.0	68.4	0.4	0.7%
18.8%	67.9	68.4	0.4	0.7%
20.0%	67.9	67.8	-0.1	-0.1%
21.3%	67.6	67.7	0.0	0.0%
22.5%	67.5	67.2	-0.2	-0.3%
23.8%	67.2	67.2	0.0	0.0%
25.0%	67.2	66.9	-0.3	-0.4%
26.3%	67.1	66.8	-0.3	-0.5%
27.5%	66.8	66.7	-0.1	-0.1%
28.8%	66.8	66.7	-0.1	-0.1%
30.0%	66.6	66.5	-0.1	-0.1%
31.3%	66.6	66.4	-0.2	-0.3%
32.5%	66.6	66.4	-0.2	-0.2%
33.8%	66.3	66.3	0.1	0.1%
35.0%	66.3	66.3	0.1	0.1%
36.3%	66.3	66.3	0.0	0.1%
37.5%	66.2	66.3	0.1	0.1%
38.8%	66.2	66.2	0.0	0.0%
40.0%	66.1	66.2	0.1	0.2%
41.3%	66.0	66.2	0.2	0.3%
42.5%	66.0	66.1	0.2	0.3%
43.8%	65.9	66.1	0.2	0.3%
45.0%	65.9	66.1	0.2	0.3%
46.3%	65.9	66.1	0.2	0.3%
47.5%	65.9	66.1	0.2	0.3%
48.8%	65.8	66.0	0.2	0.3%
50.0%	65.8	65.9	0.1	0.2%
51.3%	65.7	65.9	0.2	0.3%
52.5%	65.7	65.9	0.2	0.2%
53.8%	65.7	65.9	0.2	0.3%
55.0%	65.7	65.8	0.2	0.3%
56.3%	65.6	65.8	0.2	0.3%
57.5%	65.6	65.8	0.1	0.2%
58.8%	65.5	65.7	0.2	0.4%
60.0%	65.5	65.7	0.2	0.3%
61.3%	65.5	65.7	0.2	0.3%
62.5%	65.5	65.6	0.1	0.2%
63.8%	65.4	65.6	0.1	0.2%
65.0%	65.4	65.5	0.1	0.2%
66.3%	65.3	65.5	0.2	0.3%
67.5%	65.2	65.4	0.2	0.4%
68.8%	65.1	65.4	0.3	0.5%
70.0%	64.9	65.3	0.4	0.7%
71.3%	64.8	65.2	0.4	0.7%
72.5%	64.7	64.9	0.2	0.3%
73.8%	64.7	64.7	0.0	0.0%
75.0%	64.6	64.7	0.0	0.1%
76.3%	64.6	64.5	-0.1	-0.1%
77.5%	64.5	64.5	0.0	0.0%
78.8%	64.5	64.5	0.0	0.0%
80.0%	64.4	64.4	0.0	0.0%
81.3%	64.4	64.4	0.0	0.0%
82.5%	64.3	64.4	0.1	0.1%
83.8%	64.2	64.3	0.1	0.1%
85.0%	64.2	64.2	0.0	0.0%
86.3%	64.2	64.2	0.0	0.0%
87.5%	64.2	64.2	0.0	0.0%
88.8%	64.2	64.2	0.0	0.0%
90.0%	64.2	64.1	0.0	-0.1%
91.3%	64.1	64.1	0.0	0.0%
92.5%	64.0	64.0	0.0	0.0%
93.8%	63.8	64.0	0.1	0.2%
95.0%	63.8	64.0	0.2	0.2%
96.3%	63.8	63.9	0.1	0.2%
97.5%	63.8	63.9	0.1	0.2%
98.8%	63.8	63.8	0.1	0.1%
100.0%	63.5	63.7	0.3	0.4%

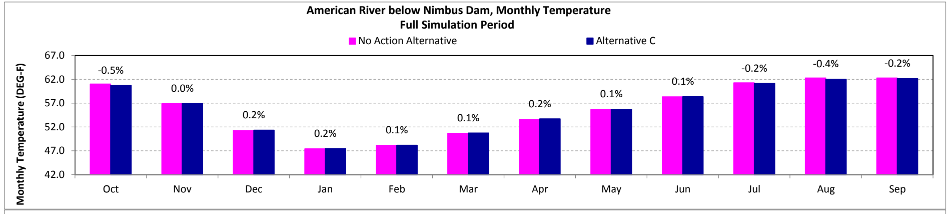
Table SQ-39-3a
American River below Nimbus Dam, Monthly Temperature
Long-term Average and Average by Water Year Type

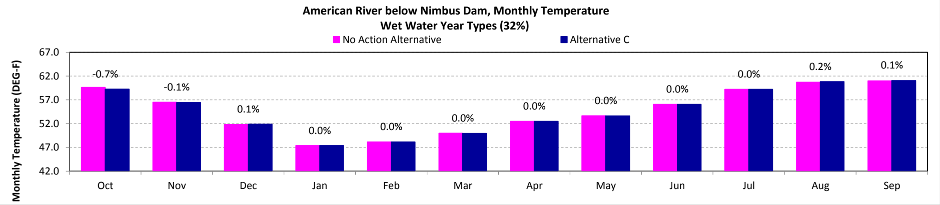
	Monthly Temperature (DEG-F)											
Analysis Period	**Oct**	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**
Long-term												
Full Simulation Period[1]												
No Action Alternative	61.0	56.9	51.2	47.4	48.1	50.7	53.6	55.7	58.3	61.3	62.3	62.3
Alternative C	60.7	56.9	51.3	47.5	48.2	50.7	53.7	55.7	58.4	61.1	62.0	62.2
Difference	-0.3	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.0	-0.1	-0.2	-0.1
Percent Difference[3]	-0.5%	0.0%	0.2%	0.2%	0.1%	0.1%	0.2%	0.1%	0.1%	-0.2%	-0.4%	-0.2%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	59.6	56.5	51.8	47.4	48.1	50.0	52.5	53.6	56.1	59.2	60.7	61.0
Alternative C	59.3	56.4	51.9	47.4	48.2	50.0	52.5	53.6	56.1	59.2	60.8	61.1
Difference	-0.4	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Percent Difference	-0.7%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.1%
Above Normal (15%)												
No Action Alternative	60.0	56.4	50.8	47.6	47.8	50.1	52.8	54.4	57.1	60.3	61.1	60.9
Alternative C	59.7	56.5	50.9	47.7	47.8	50.2	53.1	54.5	57.2	60.2	61.0	61.0
Difference	-0.3	0.1	0.1	0.1	0.0	0.1	0.2	0.1	0.1	-0.1	-0.2	0.0
Percent Difference	-0.5%	0.1%	0.2%	0.1%	0.1%	0.3%	0.4%	0.2%	0.2%	-0.2%	-0.3%	0.0%
Below Normal (17%)												
No Action Alternative	60.5	57.0	51.5	47.3	47.5	50.6	53.5	55.2	57.8	60.9	61.2	60.9
Alternative C	60.3	57.0	51.5	47.3	47.5	50.7	53.5	55.2	57.9	60.6	60.9	61.0
Difference	-0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.1	-0.3	-0.4	0.1
Percent Difference	-0.2%	0.0%	0.2%	0.0%	0.0%	0.2%	0.0%	0.0%	0.1%	-0.4%	-0.6%	0.1%
Dry (22%)												
No Action Alternative	62.1	57.3	51.3	47.5	48.5	51.0	54.2	56.9	59.4	61.8	62.7	62.7
Alternative C	61.6	57.3	51.4	47.7	48.5	51.1	54.4	57.3	59.9	61.4	62.5	62.6
Difference	-0.5	0.0	0.1	0.1	0.0	0.1	0.2	0.4	0.5	-0.4	-0.1	-0.1
Percent Difference	-0.8%	-0.1%	0.2%	0.2%	0.0%	0.2%	0.4%	0.7%	0.8%	-0.6%	-0.2%	-0.2%
Critical (15%)												
No Action Alternative	64.0	57.8	50.1	47.3	48.8	52.3	55.8	60.0	63.4	66.3	67.5	67.3
Alternative C	63.9	57.9	50.3	47.5	48.9	52.4	56.1	59.6	62.8	66.3	66.4	66.4
Difference	-0.1	0.1	0.2	0.2	0.1	0.1	0.2	-0.5	-0.6	0.1	-1.1	-0.8
Percent Difference	-0.1%	0.2%	0.4%	0.4%	0.3%	0.1%	0.4%	-0.8%	-1.0%	0.1%	-1.6%	-1.2%

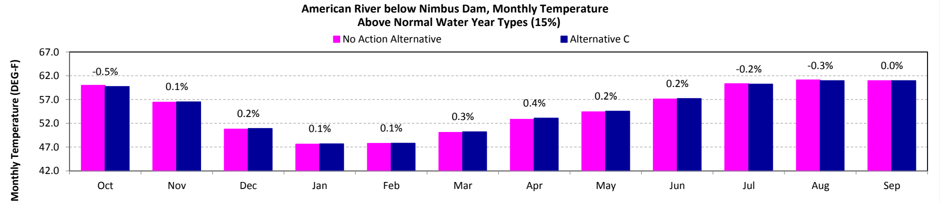
1 Based on the 82-year simulation period

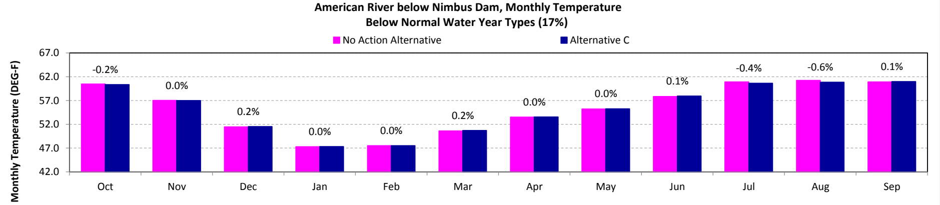
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

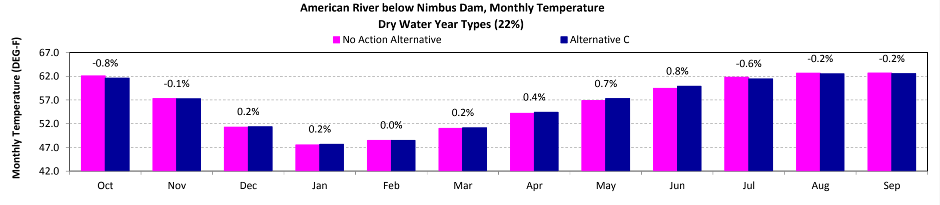
3 Relative difference of the monthly average


American River below Nimbus Dam, Monthly Temperature
Full Simulation Period


American River below Nimbus Dam, Monthly Temperature
Wet Water Year Types (32%)


American River below Nimbus Dam, Monthly Temperature
Above Normal Water Year Types (15%)


American River below Nimbus Dam, Monthly Temperature
Below Normal Water Year Types (17%)


American River below Nimbus Dam, Monthly Temperature
Dry Water Year Types (22%)

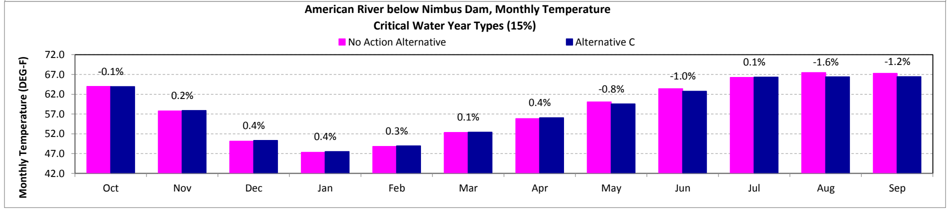

American River below Nimbus Dam, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-39-3b
American River below Nimbus Dam, Monthly Temperature
Probability of Exceedance

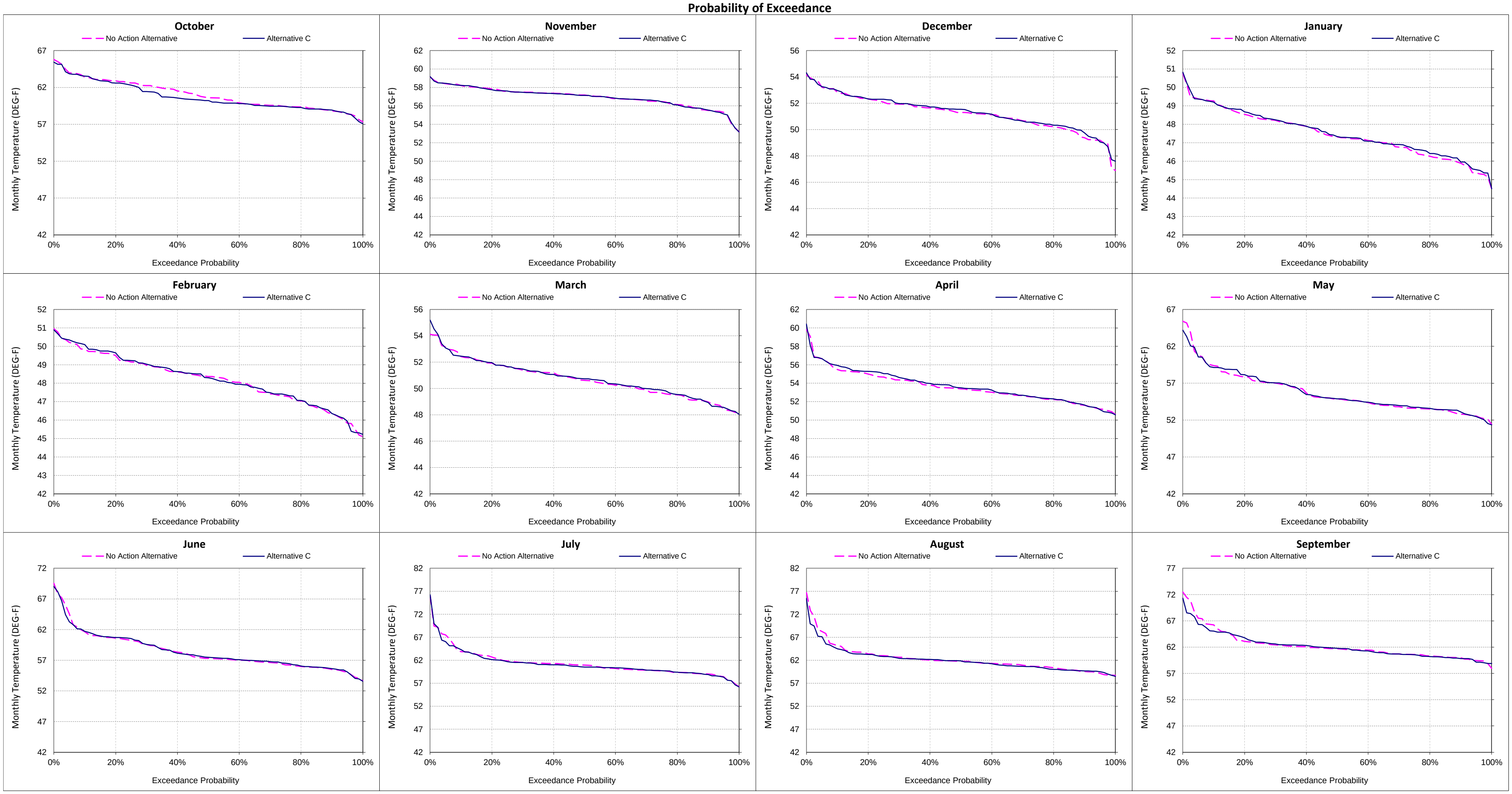


Table SQ-39-3b

American River below Nimbus Dam, Monthly Temperature
Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.8	65.4	-0.3	-0.5%
1.3%	65.5	65.2	-0.4	-0.5%
2.5%	65.2	65.1	0.0	0.0%
3.8%	64.5	64.1	-0.4	-0.6%
5.0%	64.0	63.8	-0.1	-0.2%
6.3%	64.0	63.8	-0.2	-0.3%
7.5%	63.9	63.8	-0.1	-0.2%
8.8%	63.7	63.6	-0.1	-0.2%
10.0%	63.4	63.5	0.2	0.3%
11.3%	63.3	63.5	0.2	0.2%
12.5%	63.2	63.2	0.0	0.0%
13.8%	63.1	63.0	0.0	-0.1%
15.0%	63.1	62.9	-0.2	-0.2%
16.3%	63.1	62.9	-0.2	-0.3%
17.5%	63.0	62.8	-0.1	-0.2%
18.8%	62.9	62.6	-0.3	-0.4%
20.0%	62.9	62.6	-0.3	-0.5%
21.3%	62.8	62.6	-0.2	-0.3%
22.5%	62.8	62.5	-0.3	-0.4%
23.8%	62.7	62.4	-0.2	-0.4%
25.0%	62.6	62.3	-0.3	-0.4%
26.3%	62.6	62.2	-0.4	-0.7%
27.5%	62.4	62.0	-0.4	-0.7%
28.8%	62.3	61.5	-0.8	-1.3%
30.0%	62.3	61.4	-0.8	-1.3%
31.3%	62.3	61.4	-0.9	-1.4%
32.5%	62.1	61.4	-0.7	-1.1%
33.8%	62.0	61.2	-0.8	-1.3%
35.0%	61.9	60.7	-1.2	-2.0%
36.3%	61.8	60.7	-1.1	-1.8%
37.5%	61.8	60.7	-1.2	-1.9%
38.8%	61.8	60.6	-1.1	-1.8%
40.0%	61.5	60.6	-0.9	-1.5%
41.3%	61.5	60.5	-1.0	-1.5%
42.5%	61.4	60.4	-1.0	-1.5%
43.8%	61.2	60.4	-0.8	-1.3%
45.0%	61.2	60.4	-0.8	-1.3%
46.3%	61.0	60.3	-0.6	-1.0%
47.5%	60.8	60.3	-0.5	-0.8%
48.8%	60.7	60.2	-0.5	-0.8%
50.0%	60.6	60.2	-0.4	-0.7%
51.3%	60.6	60.0	-0.6	-1.0%
52.5%	60.6	60.0	-0.6	-1.0%
53.8%	60.6	60.0	-0.6	-1.0%
55.0%	60.4	59.9	-0.5	-0.9%
56.3%	60.3	59.9	-0.4	-0.7%
57.5%	60.3	59.9	-0.4	-0.7%
58.8%	60.0	59.9	-0.1	-0.2%
60.0%	59.9	59.8	-0.1	-0.2%
61.3%	59.8	59.8	0.0	0.0%
62.5%	59.8	59.8	0.0	0.1%
63.8%	59.7	59.7	0.0	-0.1%
65.0%	59.7	59.6	-0.1	-0.2%
66.3%	59.7	59.5	-0.2	-0.3%
67.5%	59.6	59.5	-0.1	-0.1%
68.8%	59.6	59.5	-0.1	-0.2%
70.0%	59.6	59.5	-0.1	-0.2%
71.3%	59.6	59.5	-0.1	-0.2%
72.5%	59.6	59.5	-0.1	-0.2%
73.8%	59.5	59.5	0.0	0.0%
75.0%	59.4	59.4	0.0	0.0%
76.3%	59.4	59.3	0.0	-0.1%
77.5%	59.4	59.3	0.0	-0.1%
78.8%	59.4	59.3	-0.1	-0.1%
80.0%	59.4	59.3	-0.1	-0.1%
81.3%	59.4	59.2	-0.2	-0.3%
82.5%	59.2	59.1	-0.1	-0.2%
83.8%	59.2	59.1	-0.1	-0.2%
85.0%	59.1	59.1	0.0	0.0%
86.3%	59.0	59.1	0.0	0.1%
87.5%	59.0	59.0	0.0	0.0%
88.8%	58.9	59.0	0.0	0.1%
90.0%	58.8	58.9	0.1	0.2%
91.3%	58.8	58.8	0.0	0.0%
92.5%	58.7	58.7	0.0	0.0%
93.8%	58.5	58.7	0.1	0.2%
95.0%	58.4	58.5	0.0	0.1%
96.3%	58.3	58.3	0.0	-0.1%
97.5%	58.1	57.8	-0.3	-0.5%
98.8%	57.6	57.3	-0.3	-0.5%
100.0%	57.3	57.1	-0.3	-0.5%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.1	59.2	0.0	0.1%
1.3%	58.8	58.7	-0.1	-0.1%
2.5%	58.6	58.5	-0.1	-0.1%
3.8%	58.5	58.5	0.0	0.0%
5.0%	58.4	58.5	0.0	0.1%
6.3%	58.4	58.4	0.0	0.1%
7.5%	58.4	58.3	0.0	-0.1%
8.8%	58.3	58.3	-0.1	-0.1%
10.0%	58.2	58.2	0.0	0.0%
11.3%	58.1	58.2	0.1	0.2%
12.5%	58.1	58.2	0.1	0.2%
13.8%	58.0	58.1	0.1	0.1%
15.0%	58.0	58.1	0.0	0.1%
16.3%	58.0	58.0	-0.1	-0.1%
17.5%	57.9	57.9	0.0	-0.1%
18.8%	57.9	57.8	-0.1	-0.1%
20.0%	57.8	57.7	-0.1	-0.2%
21.3%	57.8	57.7	-0.2	-0.3%
22.5%	57.7	57.7	-0.1	-0.1%
23.8%	57.6	57.6	0.0	0.1%
25.0%	57.6	57.6	0.0	0.1%
26.3%	57.5	57.5	0.0	0.0%
27.5%	57.5	57.5	0.0	0.0%
28.8%	57.5	57.5	0.0	0.0%
30.0%	57.5	57.5	0.0	-0.1%
31.3%	57.5	57.5	0.0	-0.1%
32.5%	57.5	57.4	-0.1	-0.1%
33.8%	57.5	57.4	-0.1	-0.1%
35.0%	57.4	57.4	0.0	0.0%
36.3%	57.4	57.4	0.0	0.0%
37.5%	57.4	57.4	0.0	-0.1%
38.8%	57.4	57.3	0.0	-0.1%
40.0%	57.4	57.3	0.0	-0.1%
41.3%	57.4	57.3	0.0	-0.1%
42.5%	57.3	57.3	0.0	-0.1%
43.8%	57.3	57.3	-0.1	-0.1%
45.0%	57.3	57.2	0.0	-0.1%
46.3%	57.2	57.2	0.0	0.0%
47.5%	57.2	57.2	0.0	-0.1%
48.8%	57.2	57.2	0.0	-0.1%
50.0%	57.2	57.1	0.0	-0.1%
51.3%	57.1	57.1	0.0	0.0%
52.5%	57.1	57.0	-0.1	-0.1%
53.8%	57.0	57.0	0.0	0.0%
55.0%	57.0	57.0	0.0	0.0%
56.3%	57.0	57.0	0.0	0.0%
57.5%	57.0	56.9	-0.1	-0.1%
58.8%	56.8	56.9	0.1	0.1%
60.0%	56.8	56.8	0.0	0.1%
61.3%	56.8	56.8	0.0	0.0%
62.5%	56.8	56.8	0.0	0.0%
63.8%	56.7	56.8	0.0	0.1%
65.0%	56.7	56.7	0.0	0.0%
66.3%	56.7	56.7	0.0	0.0%
67.5%	56.7	56.7	0.0	0.0%
68.8%	56.7	56.7	0.0	0.0%
70.0%	56.5	56.6	0.1	0.2%
71.3%	56.5	56.6	0.1	0.2%
72.5%	56.5	56.6	0.1	0.1%
73.8%	56.5	56.5	0.0	0.1%
75.0%	56.5	56.4	0.0	0.0%
76.3%	56.4	56.4	0.0	-0.1%
77.5%	56.3	56.4	0.1	0.2%
78.8%	56.2	56.1	0.0	-0.1%
80.0%	56.1	56.1	0.0	-0.1%
81.3%	56.1	56.0	-0.1	-0.2%
82.5%	56.0	55.9	-0.1	-0.2%
83.8%	56.0	55.9	-0.1	-0.2%
85.0%	55.8	55.8	0.0	-0.1%
86.3%	55.7	55.8	0.0	0.1%
87.5%	55.6	55.7	0.1	0.3%
88.8%	55.6	55.6	0.1	0.1%
90.0%	55.5	55.5	0.0	0.1%
91.3%	55.5	55.5	0.0	-0.1%
92.5%	55.4	55.3	-0.1	-0.1%
93.8%	55.4	55.3	-0.1	-0.2%
95.0%	55.3	55.1	-0.2	-0.3%
96.3%	55.0	55.0	0.1	0.1%
97.5%	54.1	54.2	0.1	0.3%
98.8%	53.6	53.6	0.0	0.0%
100.0%	53.2	53.2	0.0	0.0%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.1	54.3	0.2	0.3%
1.3%	53.9	53.8	-0.1	-0.2%
2.5%	53.8	53.8	0.0	0.1%
3.8%	53.7	53.4	-0.2	-0.4%
5.0%	53.2	53.3	0.1	0.1%
6.3%	53.1	53.2	0.1	0.1%
7.5%	53.1	53.1	0.0	0.0%
8.8%	53.1	53.1	0.0	-0.1%
10.0%	52.8	53.0	0.1	0.2%
11.3%	52.8	52.9	0.1	0.2%
12.5%	52.7	52.6	-0.1	-0.2%
13.8%	52.6	52.6	0.0	-0.1%
15.0%	52.5	52.5	0.0	-0.1%
16.3%	52.5	52.5	0.0	0.0%
17.5%	52.4	52.5	0.1	0.2%
18.8%	52.4	52.4	0.0	0.1%
20.0%	52.3	52.3	0.0	0.0%
21.3%	52.3	52.3	0.0	0.1%
22.5%	52.2	52.3	0.1	0.1%
23.8%	52.2	52.3	0.1	0.2%
25.0%	52.1	52.3	0.2	0.4%
26.3%	52.0	52.3	0.3	0.6%
27.5%	52.0	52.3	0.3	0.6%
28.8%	52.0	52.0	0.1	0.2%
30.0%	51.9	52.0	0.0	0.1%
31.3%	51.9	52.0	0.0	0.1%
32.5%	51.9	52.0	0.1	0.1%
33.8%	51.9	51.9	0.0	0.0%
35.0%	51.7	51.9	0.1	0.2%
36.3%	51.7	51.8	0.1	0.2%
37.5%	51.7	51.8	0.1	0.2%
38.8%	51.7	51.8	0.1	0.3%
40.0%	51.6	51.7	0.1	0.2%
41.3%	51.6	51.7	0.1	0.2%
42.5%	51.6	51.7	0.1	0.2%
43.8%	51.5	51.6	0.1	0.1%
45.0%	51.5	51.6	0.1	0.2%
46.3%	51.5	51.6	0.1	0.2%
47.5%	51.4	51.6	0.2	0.3%
48.8%	51.3	51.5	0.2	0.5%
50.0%	51.3	51.5	0.2	0.5%
51.3%	51.3	51.5	0.2	0.4%
52.5%	51.3	51.4	0.2	0.3%
53.8%	51.2	51.3	0.1	0.2%
55.0%	51.2	51.3	0.1	0.1%
56.3%	51.2	51.3	0.1	0.1%
57.5%	51.2	51.3	0.1	0.1%
58.8%	51.1	51.2	0.1	0.1%
60.0%	51.1	51.2	0.0	0.1%
61.3%	51.1	51.0	-0.1	-0.2%
62.5%	51.0	50.9	-0.1	-0.1%
63.8%	50.9	50.9	0.0	0.0%
65.0%	50.9	50.9	0.0	0.0%
66.3%	50.9	50.8	-0.1	-0.1%
67.5%	50.8	50.7	-0.1	-0.2%
68.8%	50.7	50.7	0.0	-0.1%
70.0%	50.7	50.6	0.0	-0.1%
71.3%	50.6	50.6	-0.1	-0.1%
72.5%	50.6	50.6	0.0	0.0%
73.8%	50.5	50.6	0.1	0.2%
75.0%	50.3	50.5	0.2	0.3%
76.3%	50.3	50.5	0.1	0.3%
77.5%	50.3	50.4	0.1	0.2%
78.8%	50.3	50.4	0.2	0.3%
80.0%	50.2	50.3	0.1	0.2%
81.3%	50.2	50.3	0.2	0.3%
82.5%	50.1	50.3	0.2	0.3%
83.8%	50.0	50.3	0.2	0.4%
85.0%	49.9	50.2	0.2	0.4%
86.3%	49.9	50.1	0.2	0.4%
87.5%	49.8	50.0	0.2	0.4%
88.8%	49.4	50.0	0.5	1.0%
90.0%	49.4	49.8	0.4	0.7%
91.3%	49.2	49.5	0.3	0.5%
92.5%	49.2	49.4	0.2	0.3%
93.8%	49.2	49.4	0.2	0.3%
95.0%	49.2	49.1	-0.1	-0.2%
96.3%	49.0	49.0	0.0	0.0%
97.5%	49.0	48.7	-0.3	-0.5%
98.8%	47.1	47.7	0.6	1.4%
100.0%	46.9	47.6	0.7	1.5%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.8	50.8	0.1	0.1%
1.3%	50.2	50.3	0.1	0.1%
2.5%	49.5	49.8	0.3	0.7%
3.8%	49.5	49.4	-0.1	-0.1%
5.0%	49.4	49.4	0.0	0.0%
6.3%	49.3	49.3	0.0	0.0%
7.5%	49.3	49.3	0.0	-0.1%
8.8%	49.3	49.3	0.0	-0.1%
10.0%	49.3	49.2	-0.1	-0.1%
11.3%	49.1	49.0	0.0	0.0%
12.5%	49.0	49.0	0.0	-0.1%
13.8%	48.9	48.9	0.0	0.1%
15.0%	48.8	48.8	0.0	0.0%
16.3%	48.7	48.8	0.1	0.2%
17.5%	48.7	48.8	0.2	0.3%
18.8%	48.6	48.8	0.2	0.5%
20.0%	48.5	48.7	0.1	0.3%
21.3%	48.5	48.6	0.1	0.3%
22.5%	48.4	48.5	0.1	0.3%
23.8%	48.4	48.5	0.1	0.2%
25.0%	48.3	48.5	0.2	0.4%
26.3%	48.3	48.3	0.1	0.1%
27.5%	48.3	48.3	0.1	0.1%
28.8%	48.2	48.3	0.0	0.1%
30.0%	48.2	48.2	0.0	0.0%
31.3%	48.2	48.2	0.0	0.1%
32.5%	48.1	48.2	0.1	0.1%
33.8%	48.1	48.1	0.0	0.0%
35.0%	48.1	48.0	0.0	0.0%
36.3%	48.0	48.0	0.0	0.0%
37.5%	48.0	48.0	0.0	0.0%
38.8%	47.9	48.0	0.0	0.0%
40.0%	47.9	47.9	0.0	0.0%
41.3%	47.8	47.8	0.0	0.0%
42.5%	47.8	47.8	0.0	0.1%
43.8%	47.6	47.8	0.2	0.4%
45.0%	47.5	47.6	0.1	0.1%
46.3%	47.4	47.6	0.2	0.3%
47.5%	47.4	47.5	0.1	0.1%
48.8%	47.3	47.4	0.1	0.2%
50.0%	47.3	47.3	0.0	0.0%
51.3%	47.3	47.3	0.0	0.0%
52.5%	47.3	47.3	0.0	0.0%
53.8%	47.2	47.3	0.0	0.1%
55.0%	47.2	47.3	0.0	0.1%
56.3%	47.2	47.3	0.1	0.1%
57.5%	47.2	47.2	0.0	0.1%
58.8%	47.2	47.1	-0.1	-0.2%
60.0%	47.1	47.1	0.0	-0.1%
61.3%	47.1	47.1	0.0	0.0%
62.5%	47.0	47.0	0.0	0.0%
63.8%	47.0	47.0	0.0	0.0%
65.0%	47.0	46.9	-0.1	-0.1%
66.3%	47.0	46.9	-0.1	-0.1%
67.5%	47.0	46.9	-0.1	-0.1%
68.8%	46.8	46.9	0.1	0.3%
70.0%	46.8	46.9	0.1	0.3%
71.3%	46.8	46.9	0.1	0.3%
72.5%	46.7	46.8	0.1	0.1%
73.8%	46.6	46.8	0.2	0.4%
75.0%	46.6	46.6	0.1	0.1%
76.3%	46.4	46.6	0.3	0.5%
77.5%	46.3	46.6	0.3	0.5%
78.8%	46.3	46.5	0.2	0.5%
80.0%	46.3	46.4	0.1	0.3%
81.3%	46.2	46.4	0.2	0.4%
82.5%	46.2	46.4	0.2	0.4%
83.8%	46.1	46.3	0.2	0.4%
85.0%	46.1	46.3	0.2	0.4%
86.3%	46.1	46.3	0.2	0.3%
87.5%	46.0	46.2	0.1	0.3%
88.8%	46.0	46.2	0.2	0.5%
90.0%	45.9	46.0	0.1	0.1%
91.3%	45.8	46.0	0.2	0.4%
92.5%	45.8	45.8	0.0	0.0%
93.8%	45.4	45.6	0.2	0.4%
95.0%	45.4	45.5	0.2	0.4%
96.3%	45.3	45.5	0.2	0.4%
97.5%	45.3	45.4	0.1	0.2%
98.8%	45.2	45.3	0.2	0.4%
100.0%	44.5	44.5	0.0	0.0%

Table SQ-39-3b

American River below Nimbus Dam, Monthly Temperature
Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	51.0	50.9	-0.1	-0.1%
1.3%	50.8	50.7	-0.1	-0.2%
2.5%	50.4	50.4	0.0	0.0%
3.8%	50.4	50.4	0.0	0.0%
5.0%	50.2	50.3	0.1	0.3%
6.3%	50.2	50.3	0.1	0.2%
7.5%	50.1	50.2	0.1	0.2%
8.8%	49.9	50.2	0.3	0.6%
10.0%	49.8	50.1	0.3	0.5%
11.3%	49.7	49.8	0.1	0.2%
12.5%	49.7	49.8	0.1	0.2%
13.8%	49.7	49.8	0.1	0.2%
15.0%	49.7	49.8	0.1	0.2%
16.3%	49.6	49.8	0.1	0.3%
17.5%	49.6	49.7	0.1	0.2%
18.8%	49.6	49.7	0.1	0.3%
20.0%	49.5	49.7	0.2	0.3%
21.3%	49.2	49.4	0.2	0.3%
22.5%	49.2	49.3	0.0	0.1%
23.8%	49.2	49.2	0.0	0.1%
25.0%	49.2	49.2	0.1	0.2%
26.3%	49.1	49.2	0.1	0.1%
27.5%	49.1	49.1	0.0	0.0%
28.8%	49.1	49.1	0.0	0.0%
30.0%	49.0	49.0	0.1	0.1%
31.3%	49.0	49.0	0.0	0.1%
32.5%	48.9	48.9	0.0	0.0%
33.8%	48.9	48.9	0.0	0.0%
35.0%	48.8	48.9	0.0	0.1%
36.3%	48.7	48.8	0.1	0.2%
37.5%	48.6	48.8	0.1	0.3%
38.8%	48.6	48.7	0.0	0.0%
40.0%	48.6	48.6	0.0	0.0%
41.3%	48.6	48.6	0.0	0.1%
42.5%	48.5	48.5	0.0	0.0%
43.8%	48.5	48.5	0.0	0.1%
45.0%	48.5	48.5	0.0	0.1%
46.3%	48.4	48.5	0.1	0.1%
47.5%	48.4	48.5	0.1	0.2%
48.8%	48.4	48.3	-0.1	-0.2%
50.0%	48.4	48.3	-0.1	-0.1%
51.3%	48.4	48.3	-0.1	-0.2%
52.5%	48.3	48.2	-0.1	-0.3%
53.8%	48.3	48.1	-0.2	-0.4%
55.0%	48.3	48.1	-0.2	-0.3%
56.3%	48.2	48.0	-0.1	-0.2%
57.5%	48.1	48.0	-0.1	-0.2%
58.8%	48.0	48.0	-0.1	-0.2%
60.0%	48.0	47.9	-0.1	-0.2%
61.3%	48.0	47.9	-0.1	-0.1%
62.5%	48.0	47.9	0.0	-0.1%
63.8%	47.9	47.8	-0.1	-0.1%
65.0%	47.7	47.8	0.1	0.2%
66.3%	47.5	47.7	0.2	0.4%
67.5%	47.5	47.7	0.2	0.4%
68.8%	47.5	47.5	0.0	0.0%
70.0%	47.4	47.5	0.1	0.1%
71.3%	47.4	47.4	0.0	0.0%
72.5%	47.3	47.4	0.1	0.1%
73.8%	47.3	47.4	0.1	0.2%
75.0%	47.3	47.4	0.1	0.1%
76.3%	47.3	47.3	0.1	0.1%
77.5%	47.1	47.3	0.2	0.4%
78.8%	47.1	47.1	0.0	0.0%
80.0%	47.0	47.1	0.0	0.1%
81.3%	47.0	47.0	0.0	0.0%
82.5%	46.8	46.8	0.0	0.0%
83.8%	46.8	46.8	0.0	0.1%
85.0%	46.7	46.8	0.1	0.2%
86.3%	46.7	46.7	0.0	0.0%
87.5%	46.5	46.6	0.0	0.1%
88.8%	46.4	46.5	0.1	0.3%
90.0%	46.3	46.3	0.0	0.0%
91.3%	46.3	46.3	0.0	0.0%
92.5%	46.1	46.2	0.0	0.1%
93.8%	46.0	46.1	0.1	0.2%
95.0%	45.8	45.9	0.1	0.2%
96.3%	45.8	45.4	-0.4	-0.9%
97.5%	45.5	45.3	-0.2	-0.4%
98.8%	45.2	45.3	0.1	0.3%
100.0%	45.1	45.2	0.1	0.3%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.1	55.2	1.1	2.0%
1.3%	54.1	54.5	0.5	0.9%
2.5%	54.0	54.1	0.1	0.1%
3.8%	53.3	53.4	0.1	0.2%
5.0%	53.2	53.1	-0.1	-0.2%
6.3%	53.0	53.0	0.0	0.0%
7.5%	52.9	52.5	-0.4	-0.7%
8.8%	52.8	52.5	-0.3	-0.5%
10.0%	52.4	52.5	0.0	0.1%
11.3%	52.3	52.4	0.1	0.1%
12.5%	52.3	52.4	0.1	0.1%
13.8%	52.3	52.3	0.0	-0.1%
15.0%	52.2	52.1	-0.1	-0.1%
16.3%	52.1	52.1	0.0	0.0%
17.5%	52.0	52.0	0.1	0.2%
18.8%	51.9	52.0	0.1	0.1%
20.0%	51.9	52.0	0.0	0.1%
21.3%	51.8	51.8	0.0	-0.1%
22.5%	51.8	51.8	0.0	0.0%
23.8%	51.7	51.7	0.0	0.0%
25.0%	51.6	51.7	0.0	0.0%
26.3%	51.6	51.6	0.0	0.0%
27.5%	51.5	51.5	0.0	0.0%
28.8%	51.5	51.5	0.0	0.1%
30.0%	51.4	51.5	0.1	0.2%
31.3%	51.3	51.4	0.1	0.2%
32.5%	51.3	51.3	0.0	0.0%
33.8%	51.3	51.3	0.1	0.1%
35.0%	51.2	51.3	0.1	0.2%
36.3%	51.2	51.2	0.0	0.0%
37.5%	51.2	51.1	-0.1	-0.2%
38.8%	51.2	51.1	-0.1	-0.3%
40.0%	51.2	51.1	-0.1	-0.3%
41.3%	51.0	51.0	-0.1	-0.2%
42.5%	51.0	50.9	0.0	0.0%
43.8%	50.9	50.9	0.0	0.1%
45.0%	50.9	50.9	0.0	0.1%
46.3%	50.8	50.8	0.1	0.1%
47.5%	50.7	50.8	0.0	0.1%
48.8%	50.6	50.8	0.1	0.2%
50.0%	50.6	50.7	0.1	0.2%
51.3%	50.6	50.7	0.1	0.3%
52.5%	50.6	50.7	0.1	0.2%
53.8%	50.5	50.7	0.2	0.4%
55.0%	50.4	50.6	0.2	0.4%
56.3%	50.4	50.6	0.2	0.4%
57.5%	50.3	50.4	0.1	0.1%
58.8%	50.3	50.4	0.0	0.1%
60.0%	50.3	50.3	0.1	0.2%
61.3%	50.2	50.3	0.1	0.1%
62.5%	50.2	50.3	0.0	0.1%
63.8%	50.2	50.2	0.0	0.0%
65.0%	50.1	50.2	0.1	0.1%
66.3%	50.1	50.1	0.1	0.1%
67.5%	50.0	50.1	0.2	0.3%
68.8%	49.9	50.0	0.1	0.1%
70.0%	49.9	50.0	0.1	0.2%
71.3%	49.7	50.0	0.3	0.6%
72.5%	49.7	49.9	0.2	0.4%
73.8%	49.7	49.9	0.2	0.4%
75.0%	49.7	49.9	0.2	0.4%
76.3%	49.6	49.8	0.2	0.4%
77.5%	49.5	49.7	0.1	0.2%
78.8%	49.5	49.6	0.1	0.1%
80.0%	49.5	49.5	0.0	0.1%
81.3%	49.5	49.5	0.0	0.1%
82.5%	49.4	49.5	0.1	0.2%
83.8%	49.2	49.3	0.2	0.4%
85.0%	49.1	49.3	0.1	0.3%
86.3%	49.1	49.2	0.1	0.2%
87.5%	49.1	49.2	0.1	0.2%
88.8%	49.1	49.0	0.0	0.0%
90.0%	49.0	48.9	0.0	-0.1%
91.3%	48.8	48.7	-0.2	-0.4%
92.5%	48.8	48.7	-0.1	-0.3%
93.8%	48.7	48.6	-0.1	-0.2%
95.0%	48.5	48.6	0.1	0.2%
96.3%	48.3	48.5	0.1	0.2%
97.5%	48.3	48.3	0.0	0.0%
98.8%	48.2	48.3	0.1	0.1%
100.0%	48.0	48.0	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.8	60.4	0.6	1.0%
1.3%	59.1	58.1	-0.9	-1.6%
2.5%	56.9	56.8	-0.1	-0.2%
3.8%	56.8	56.8	0.0	0.0%
5.0%	56.7	56.7	0.0	0.0%
6.3%	56.4	56.4	-0.1	-0.1%
7.5%	56.1	56.1	0.0	0.0%
8.8%	55.7	56.0	0.3	0.6%
10.0%	55.5	55.9	0.5	0.8%
11.3%	55.3	55.8	0.5	0.8%
12.5%	55.3	55.7	0.4	0.7%
13.8%	55.3	55.6	0.3	0.5%
15.0%	55.3	55.4	0.1	0.2%
16.3%	55.2	55.4	0.1	0.3%
17.5%	55.2	55.3	0.2	0.3%
18.8%	55.1	55.3	0.2	0.4%
20.0%	55.0	55.3	0.3	0.5%
21.3%	54.9	55.3	0.4	0.7%
22.5%	54.8	55.2	0.5	0.9%
23.8%	54.7	55.2	0.5	0.9%
25.0%	54.7	55.0	0.4	0.7%
26.3%	54.5	55.0	0.5	0.9%
27.5%	54.5	54.9	0.4	0.7%
28.8%	54.4	54.8	0.4	0.8%
30.0%	54.3	54.6	0.3	0.5%
31.3%	54.3	54.5	0.2	0.3%
32.5%	54.3	54.4	0.1	0.2%
33.8%	54.2	54.3	0.1	0.2%
35.0%	54.2	54.3	0.1	0.2%
36.3%	54.2	54.2	0.0	-0.1%
37.5%	53.9	54.1	0.3	0.5%
38.8%	53.8	54.0	0.2	0.3%
40.0%	53.8	54.0	0.2	0.4%
41.3%	53.7	53.9	0.1	0.2%
42.5%	53.5	53.9	0.3	0.6%
43.8%	53.5	53.8	0.3	0.6%
45.0%	53.5	53.8	0.3	0.6%
46.3%	53.5	53.8	0.3	0.6%
47.5%	53.5	53.6	0.2	0.3%
48.8%	53.4	53.5	0.1	0.1%
50.0%	53.4	53.5	0.1	0.2%
51.3%	53.4	53.5	0.1	0.1%
52.5%	53.3	53.4	0.2	0.3%
53.8%	53.3	53.4	0.2	0.3%
55.0%	53.2	53.4	0.2	0.3%
56.3%	53.2	53.4	0.2	0.3%
57.5%	53.1	53.4	0.3	0.5%
58.8%	53.1	53.3	0.3	0.5%
60.0%	53.0	53.2	0.2	0.4%
61.3%	53.0	53.1	0.1	0.2%
62.5%	52.9	53.0	0.0	0.1%
63.8%	52.8	52.9	0.1	0.2%
65.0%	52.8	52.9	0.1	0.2%
66.3%	52.8	52.8	0.0	0.1%
67.5%	52.7	52.8	0.1	0.2%
68.8%	52.7	52.7	0.0	0.0%
70.0%	52.7	52.7	0.0	0.0%
71.3%	52.6	52.7	0.1	0.2%
72.5%	52.5	52.5	0.0	0.1%
73.8%	52.5	52.5	0.0	0.0%
75.0%	52.5	52.4	0.0	0.0%
76.3%	52.3	52.4	0.0	0.1%
77.5%	52.3	52.4	0.1	0.2%
78.8%	52.3	52.3	0.1	0.1%
80.0%	52.2	52.3	0.1	0.1%
81.3%	52.2	52.2	0.0	0.1%
82.5%	52.2	52.2	0.0	0.0%
83.8%	52.1	52.1	0.1	0.1%
85.0%	52.0	51.9	-0.1	-0.1%
86.3%	51.8	51.9	0.1	0.2%
87.5%	51.8	51.8	0.1	0.1%
88.8%	51.7	51.8	0.1	0.2%
90.0%	51.6	51.6	0.0	0.0%
91.3%	51.5	51.5	0.0	0.0%
92.5%	51.4	51.4	0.0	0.0%
93.8%	51.3	51.4	0.1	0.1%
95.0%	51.2	51.1	-0.1	-0.1%
96.3%	51.2	50.9	-0.3	-0.5%
97.5%	51.0	50.8	-0.2	-0.3%
98.8%	50.9	50.8	-0.2	-0.3%
100.0%	50.6	50.6	0.0	-0.1%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.4	64.2	-1.2	-1.9%
1.3%	65.2	63.3	-1.8	-2.8%
2.5%	63.9	62.1	-1.8	-2.8%
3.8%	61.3	61.9	0.6	0.9%
5.0%	60.8	60.6	-0.2	-0.4%
6.3%	60.6	60.5	-0.1	-0.1%
7.5%	59.7	59.8	0.0	0.1%
8.8%	59.5	59.2	-0.3	-0.5%
10.0%	59.4	59.1	-0.2	-0.4%
11.3%	59.3	59.1	-0.2	-0.3%
12.5%	58.6	59.1	0.5	0.9%
13.8%	58.5	58.9	0.4	0.7%
15.0%	58.3	58.9	0.6	1.1%
16.3%	58.1	58.8	0.7	1.2%
17.5%	58.1	58.8	0.8	1.3%
18.8%	57.9	58.2	0.3	0.5%
20.0%	57.8	58.2	0.3	0.6%
21.3%	57.8	58.0	0.1	0.2%
22.5%	57.4	58.0	0.6	1.0%
23.8%	57.3	57.9	0.6	1.0%
25.0%	57.2	57.3	0.1	0.1%
26.3%	57.1	57.3	0.1	0.2%
27.5%	57.1	57.1	0.0	0.0%
28.8%	57.1	57.1	0.0	0.0%
30.0%	57.0	57.0	0.0	0.1%
31.3%	56.9	57.0	0.1	0.2%
32.5%	56.8	57.0	0.2	0.3%
33.8%	56.8	56.8	0.0	0.1%
35.0%	56.6	56.6	0.0	0.1%
36.3%	56.4	56.5	0.1	0.2%
37.5%	56.3	56.2	-0.1	-0.2%
38.8%	56.2	55.8	-0.4	-0.8%
40.0%	55.7	55.5	-0.2	-0.4%
41.3%	55.3	55.4	0.1	0.1%
42.5%	55.2	55.3	0.1	0.3%
43.8%	55.1	55.2	0.1	0.2%
45.0%	55.1	55.1	0.0	0.1%
46.3%	55.0	55.0	0.0	0.0%
47.5%	55.0	55.0	0.0	-0.1%
48.8%	54.9	55.0	0.1	0.1%
50.0%	54.8	54.9	0.0	0.0%
51.3%	54.8	54.9	0.0	0.1%
52.5%	54.7	54.8	0.1	0.2%
53.8%	54.7	54.7	0.0	0.0%
55.0%	54.7	54.6	-0.1	-0.1%
56.3%	54.6	54.6	0.0	0.0%
57.5%	54.5	54.6	0.0	0.0%
58.8%	54.4	54.5	0.0	0.0%
60.0%	54.4	54.4	0.1	0.1%
61.3%	54.2	54.3	0.1	0.2%
62.5%	54.1	54.2	0.1	0.2%
63.8%	54.1	54.2	0.1	0.2%
65.0%	54.0	54.1	0.1	0.2%
66.3%	54.0	54.1	0.1	0.2%
67.5%	54.0	54.1	0.1	0.1%
68.8%	53.8	54.0	0.2	0.4%
70.0%	53.8	54.0	0.2	0.3%
71.3%	53.7	54.0	0.2	0.4%
72.5%	53.7	53.9	0.3	0.5%
73.8%	53.6	53.8	0.1	0.3%
75.0%	53.6	53.7	0.1	0.3%
76.3%	53.6	53.7	0.2	0.3%
77.5%	53.5	53.6	0.1	0.2%
78.8%	53.5	53.6	0.1	0.2%
80.0%	53.5	53.6	0.1	0.2%
81.3%	53.5	53.5	0.0	0.0%
82.5%	53.4	53.4	0.0	0.0%
83.8%	53.4	53.4	0.0	0.0%
85.0%	53.3	53.4	0.2	0.3%
86.3%	53.2	53.4	0.2	0.3%
87.5%	53.0	53.4	0.3	0.6%
88.8%	52.9	53.3	0.5	0.9%
90.0%	52.8	53.1	0.3	0.6%
91.3%	52.8	52.8	0.1	0.2%
92.5%	52.7	52.7	0.0	0.0%
93.8%	52.6	52.6	0.1	0.1%
95.0%	52.5	52.5	-0.1	-0.2%
96.3%	52.3	52.3	-0.1	-0.2%
97.5%	52.2	52.1	-0.1	-0.2%
98.8%	52.1	51.5	-0.6	-1.1%
100.0%	51.4	51.4	-0.1	-0.1%

Table SQ-39-3b

American River below Nimbus Dam, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	69.5	69.0	-0.5	-0.8%
1.3%	67.8	68.2	0.4	0.5%
2.5%	67.2	66.7	-0.5	-0.8%
3.8%	66.0	64.4	-1.6	-2.4%
5.0%	64.6	63.3	-1.3	-2.0%
6.3%	62.8	62.8	0.0	0.0%
7.5%	62.4	62.1	-0.3	-0.5%
8.8%	62.0	62.1	0.1	0.2%
10.0%	61.7	61.7	0.1	0.1%
11.3%	61.2	61.6	0.4	0.6%
12.5%	61.0	61.3	0.3	0.5%
13.8%	61.0	61.1	0.1	0.1%
15.0%	60.9	61.0	0.1	0.1%
16.3%	60.8	60.8	0.1	0.1%
17.5%	60.7	60.8	0.1	0.2%
18.8%	60.7	60.8	0.1	0.1%
20.0%	60.6	60.7	0.1	0.2%
21.3%	60.6	60.7	0.1	0.2%
22.5%	60.5	60.7	0.2	0.3%
23.8%	60.3	60.6	0.3	0.5%
25.0%	60.3	60.5	0.3	0.5%
26.3%	60.2	60.3	0.1	0.2%
27.5%	60.0	60.2	0.2	0.3%
28.8%	59.7	59.8	0.1	0.2%
30.0%	59.6	59.6	0.0	0.0%
31.3%	59.4	59.5	0.1	0.1%
32.5%	59.4	59.5	0.1	0.1%
33.8%	59.0	59.1	0.0	0.1%
35.0%	58.9	58.7	-0.2	-0.4%
36.3%	58.8	58.7	-0.1	-0.1%
37.5%	58.5	58.7	0.2	0.3%
38.8%	58.5	58.3	-0.1	-0.2%
40.0%	58.3	58.1	-0.2	-0.3%
41.3%	58.3	58.1	-0.2	-0.3%
42.5%	58.2	58.0	-0.2	-0.3%
43.8%	57.9	57.9	0.0	0.0%
45.0%	57.6	57.9	0.3	0.5%
46.3%	57.5	57.7	0.3	0.5%
47.5%	57.4	57.6	0.2	0.3%
48.8%	57.3	57.5	0.2	0.3%
50.0%	57.3	57.5	0.2	0.3%
51.3%	57.3	57.4	0.2	0.3%
52.5%	57.3	57.4	0.1	0.2%
53.8%	57.2	57.3	0.1	0.2%
55.0%	57.2	57.3	0.1	0.2%
56.3%	57.2	57.3	0.1	0.2%
57.5%	57.1	57.2	0.1	0.2%
58.8%	57.1	57.1	0.0	0.1%
60.0%	57.0	57.1	0.1	0.1%
61.3%	57.0	57.0	0.0	0.0%
62.5%	57.0	57.0	0.0	0.0%
63.8%	56.8	57.0	0.1	0.3%
65.0%	56.8	56.9	0.1	0.2%
66.3%	56.8	56.9	0.1	0.2%
67.5%	56.7	56.9	0.2	0.3%
68.8%	56.7	56.8	0.2	0.3%
70.0%	56.6	56.8	0.1	0.2%
71.3%	56.6	56.7	0.1	0.2%
72.5%	56.5	56.7	0.2	0.3%
73.8%	56.4	56.5	0.2	0.3%
75.0%	56.3	56.5	0.3	0.5%
76.3%	56.2	56.4	0.2	0.4%
77.5%	56.1	56.3	0.2	0.3%
78.8%	56.1	56.2	0.2	0.3%
80.0%	56.0	56.0	0.1	0.1%
81.3%	55.9	56.0	0.0	0.1%
82.5%	55.9	56.0	0.1	0.1%
83.8%	55.9	55.9	0.0	0.0%
85.0%	55.8	55.9	0.0	0.0%
86.3%	55.8	55.8	0.1	0.1%
87.5%	55.7	55.8	0.0	0.1%
88.8%	55.6	55.7	0.1	0.1%
90.0%	55.5	55.6	0.1	0.3%
91.3%	55.5	55.5	0.1	0.2%
92.5%	55.4	55.4	0.0	0.1%
93.8%	55.2	55.4	0.3	0.5%
95.0%	55.1	55.1	0.0	0.1%
96.3%	54.6	54.6	0.0	-0.1%
97.5%	54.2	54.0	-0.2	-0.3%
98.8%	54.1	54.0	-0.1	-0.2%
100.0%	53.6	53.6	0.0	-0.1%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	76.1	76.2	0.1	0.2%
1.3%	69.5	69.9	0.5	0.7%
2.5%	69.2	69.1	-0.1	-0.1%
3.8%	67.8	66.4	-1.3	-2.0%
5.0%	67.5	66.1	-1.5	-2.2%
6.3%	66.7	65.2	-1.5	-2.2%
7.5%	65.5	65.2	-0.4	-0.5%
8.8%	64.2	64.7	0.5	0.7%
10.0%	63.9	64.3	0.4	0.7%
11.3%	63.9	63.8	0.0	0.0%
12.5%	63.8	63.8	0.0	0.0%
13.8%	63.6	63.4	-0.1	-0.2%
15.0%	63.3	63.2	0.0	0.0%
16.3%	63.1	62.8	-0.3	-0.4%
17.5%	63.0	62.4	-0.6	-0.9%
18.8%	63.0	62.3	-0.6	-1.0%
20.0%	62.7	62.1	-0.6	-0.9%
21.3%	62.4	62.1	-0.3	-0.5%
22.5%	62.2	62.0	-0.1	-0.2%
23.8%	61.9	61.9	0.0	0.0%
25.0%	61.9	61.7	-0.2	-0.3%
26.3%	61.7	61.6	-0.1	-0.1%
27.5%	61.7	61.5	-0.1	-0.2%
28.8%	61.6	61.5	-0.1	-0.1%
30.0%	61.5	61.5	0.0	0.0%
31.3%	61.5	61.4	0.0	0.0%
32.5%	61.4	61.4	0.0	0.0%
33.8%	61.4	61.3	-0.1	-0.1%
35.0%	61.4	61.1	-0.3	-0.5%
36.3%	61.4	61.1	-0.3	-0.5%
37.5%	61.3	61.0	-0.2	-0.4%
38.8%	61.3	61.0	-0.3	-0.4%
40.0%	61.3	61.0	-0.3	-0.5%
41.3%	61.3	61.0	-0.3	-0.4%
42.5%	61.2	61.0	-0.2	-0.3%
43.8%	61.2	61.0	-0.2	-0.3%
45.0%	61.1	60.8	-0.3	-0.5%
46.3%	61.0	60.7	-0.3	-0.5%
47.5%	61.0	60.7	-0.3	-0.5%
48.8%	61.0	60.5	-0.4	-0.7%
50.0%	61.0	60.5	-0.4	-0.7%
51.3%	60.9	60.5	-0.4	-0.6%
52.5%	60.8	60.5	-0.3	-0.6%
53.8%	60.6	60.5	-0.1	-0.2%
55.0%	60.5	60.5	-0.1	-0.1%
56.3%	60.3	60.4	0.1	0.2%
57.5%	60.3	60.4	0.2	0.2%
58.8%	60.3	60.4	0.1	0.2%
60.0%	60.2	60.3	0.1	0.2%
61.3%	60.1	60.3	0.2	0.4%
62.5%	60.0	60.3	0.2	0.4%
63.8%	60.0	60.2	0.2	0.3%
65.0%	60.0	60.2	0.2	0.3%
66.3%	59.9	60.1	0.1	0.2%
67.5%	59.9	60.0	0.1	0.2%
68.8%	59.9	60.0	0.1	0.2%
70.0%	59.9	59.8	0.0	0.0%
71.3%	59.8	59.8	0.0	0.0%
72.5%	59.8	59.8	0.0	0.0%
73.8%	59.7	59.8	0.0	0.1%
75.0%	59.7	59.7	0.1	0.1%
76.3%	59.7	59.7	0.0	-0.1%
77.5%	59.6	59.7	0.1	0.2%
78.8%	59.4	59.5	0.1	0.2%
80.0%	59.3	59.4	0.0	0.1%
81.3%	59.3	59.4	0.0	0.0%
82.5%	59.3	59.3	-0.1	-0.1%
83.8%	59.3	59.3	0.0	0.0%
85.0%	59.2	59.3	0.1	0.2%
86.3%	59.1	59.2	0.1	0.1%
87.5%	59.1	59.1	0.0	0.0%
88.8%	59.0	59.0	-0.1	-0.1%
90.0%	59.0	58.9	-0.1	-0.2%
91.3%	59.0	58.6	-0.3	-0.5%
92.5%	58.7	58.6	-0.2	-0.3%
93.8%	58.6	58.5	-0.1	-0.1%
95.0%	58.4	58.3	-0.1	-0.1%
96.3%	57.7	57.7	0.0	0.0%
97.5%	57.5	57.5	0.0	0.0%
98.8%	56.8	56.6	-0.2	-0.3%
100.0%	56.3	56.2	0.0	-0.1%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	76.7	75.4	-1.3	-1.6%
1.3%	72.8	69.9	-2.9	-4.0%
2.5%	71.4	69.4	-2.0	-2.8%
3.8%	68.7	67.3	-1.4	-2.1%
5.0%	68.3	67.1	-1.1	-1.6%
6.3%	67.8	65.5	-2.3	-3.4%
7.5%	65.7	65.3	-0.4	-0.6%
8.8%	65.5	64.9	-0.6	-0.9%
10.0%	65.2	64.5	-0.7	-1.1%
11.3%	65.0	64.3	-0.7	-1.1%
12.5%	64.2	64.1	-0.1	-0.1%
13.8%	64.0	63.7	-0.3	-0.5%
15.0%	63.9	63.5	-0.4	-0.6%
16.3%	63.8	63.3	-0.4	-0.7%
17.5%	63.8	63.3	-0.4	-0.7%
18.8%	63.6	63.3	-0.3	-0.5%
20.0%	63.4	63.3	-0.1	-0.2%
21.3%	63.3	63.3	-0.1	-0.1%
22.5%	63.1	63.0	-0.1	-0.1%
23.8%	63.0	62.9	-0.1	-0.2%
25.0%	63.0	62.8	-0.2	-0.3%
26.3%	62.9	62.8	-0.1	-0.2%
27.5%	62.7	62.8	0.0	0.1%
28.8%	62.7	62.6	-0.1	-0.1%
30.0%	62.7	62.4	-0.3	-0.4%
31.3%	62.6	62.4	-0.3	-0.4%
32.5%	62.4	62.3	-0.1	-0.1%
33.8%	62.4	62.3	0.0	0.0%
35.0%	62.3	62.3	0.0	0.0%
36.3%	62.3	62.2	-0.1	-0.1%
37.5%	62.1	62.2	0.1	0.2%
38.8%	62.1	62.2	0.1	0.2%
40.0%	62.0	62.2	0.2	0.3%
41.3%	62.0	62.1	0.2	0.3%
42.5%	61.9	62.1	0.2	0.3%
43.8%	61.9	62.0	0.1	0.2%
45.0%	61.9	61.9	0.0	0.1%
46.3%	61.9	61.9	0.0	0.1%
47.5%	61.8	61.9	0.1	0.1%
48.8%	61.8	61.9	0.1	0.1%
50.0%	61.8	61.8	0.1	0.1%
51.3%	61.8	61.6	-0.1	-0.2%
52.5%	61.8	61.6	-0.1	-0.2%
53.8%	61.5	61.6	0.0	0.1%
55.0%	61.5	61.5	0.0	0.0%
56.3%	61.4	61.5	0.1	0.2%
57.5%	61.4	61.4	0.0	0.0%
58.8%	61.3	61.3	0.0	0.0%
60.0%	61.3	61.3	0.0	0.0%
61.3%	61.3	61.1	-0.2	-0.3%
62.5%	61.2	61.0	-0.3	-0.4%
63.8%	61.2	60.9	-0.3	-0.4%
65.0%	61.2	60.8	-0.4	-0.6%
66.3%	61.1	60.8	-0.3	-0.6%
67.5%	61.1	60.7	-0.4	-0.6%
68.8%	61.1	60.7	-0.4	-0.6%
70.0%	60.9	60.7	-0.3	-0.4%
71.3%	60.8	60.7	-0.2	-0.3%
72.5%	60.7	60.6	0.0	-0.1%
73.8%	60.7	60.6	0.0	-0.1%
75.0%	60.6	60.5	-0.2	-0.3%
76.3%	60.6	60.4	-0.2	-0.4%
77.5%	60.6	60.2	-0.4	-0.7%
78.8%	60.5	60.0	-0.4	-0.7%
80.0%	60.4	60.0	-0.4	-0.6%
81.3%	60.2	60.0	-0.2	-0.4%
82.5%	60.1	59.9	-0.2	-0.4%
83.8%	60.0	59.8	-0.1	-0.2%
85.0%	59.9	59.8	0.0	0.0%
86.3%	59.8	59.8	0.0	0.0%
87.5%	59.8	59.7	-0.1	-0.2%
88.8%	59.6	59.7	0.1	0.2%
90.0%	59.5	59.7	0.1	0.2%
91.3%	59.5	59.7	0.2	0.3%
92.5%	59.5	59.6	0.1	0.2%
93.8%	59.4	59.6	0.2	0.4%
95.0%	59.2	59.5	0.4	0.6%
96.3%	58.9	59.4	0.5	0.8%
97.5%	58.8	59.0	0.2	0.3%
98.8%	58.8	58.7	0.0	-0.1%
100.0%	58.7	58.5	-0.2	-0.3%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	72.5	71.3	-1.2	-1.6%
1.3%	71.5	68.6	-2.9	-4.1%
2.5%	70.8	68.4	-2.5	-3.5%
3.8%	68.7	67.8	-0.9	-1.4%
5.0%	67.5	66.3	-1.2	-1.8%
6.3%	67.4	66.3	-1.1	-1.7%
7.5%	66.4	65.8	-0.7	-1.0%
8.8%	66.3	65.1	-1.2	-1.9%
10.0%	66.2	65.1	-1.2	-1.8%
11.3%	65.5	64.9	-0.6	-0.9%
12.5%	65.0	64.9	-0.1	-0.2%
13.8%	64.9	64.9	0.0	-0.1%
15.0%	64.6	64.7	0.1	0.2%
16.3%	64.2	64.4	0.2	0.2%
17.5%	63.3	64.2	0.9	1.4%
18.8%	63.3	64.0	0.8	1.2%
20.0%	63.1	63.8	0.7	1.0%
21.3%	63.0	63.4	0.4	0.6%
22.5%	63.0	63.2	0.2	0.4%
23.8%	62.8	63.0	0.1	0.2%
25.0%	62.8	63.0	0.2	0.3%
26.3%	62.7	62.9	0.2	0.3%
27.5%	62.6	62.7	0.2	0.2%
28.8%	62.5	62.7	0.2	0.3%
30.0%	62.4	62.6	0.2	0.3%
31.3%	62.3	62.5	0.1	0.2%
32.5%	62.3	62.5	0.1	0.2%
33.8%	62.2	62.4	0.2	0.3%
35.0%	62.2	62.4	0.2	0.4%
36.3%	62.1	62.4	0.3	0.4%
37.5%	62.1	62.4	0.3	0.4%
38.8%	62.1	62.3	0.3	0.4%
40.0%	62.1	62.3	0.3	0.4%
41.3%	61.9	62.2	0.3	0.5%
42.5%	61.9	62.1	0.2	0.3%
43.8%	61.9	62.0	0.2	0.3%
45.0%	61.8	62.0	0.2	0.2%
46.3%	61.8	61.9	0.2	0.2%
47.5%	61.7	61.9	0.2	0.3%
48.8%	61.7	61.8	0.1	0.2%
50.0%	61.7	61.8	0.1	0.1%
51.3%	61.7	61.7	0.1	0.1%
52.5%	61.6	61.7	0.1	0.2%
53.8%	61.5	61.7	0.2	0.3%
55.0%	61.5	61.4	-0.1	-0.1%
56.3%	61.5	61.4	0.0	-0.1%
57.5%	61.5	61.3	-0.1	-0.2%
58.8%	61.5	61.3	-0.2	-0.3%
60.0%	61.4	61.3	-0.1	-0.2%
61.3%	61.4	61.1	-0.3	-0.4%
62.5%	61.2	61.0	-0.2	-0.3%
63.8%	61.1	60.9	-0.2	-0.3%
65.0%	61.0	60.9	-0.1	-0.2%
66.3%	60.9	60.8	-0.1	-0.2%
67.5%	60.7	60.7	0.0	0.0%
68.8%	60.7	60.7	0.0	0.0%
70.0%	60.7	60.7	0.0	0.0%
71.3%	60.6	60.6	0.0	0.0%
72.5%	60.6	60.6	0.0	0.0%
73.8%	60.6	60.6	0.0	0.0%
75.0%	60.6	60.5	-0.1	-0.1%
76.3%	60.6	60.5	-0.1	-0.2%
77.5%	60.5	60.3	-0.2	-0.4%
78.8%	60.3	60.3	-0.1	-0.1%
80.0%	60.3	60.2	-0.1	-0.2%
81.3%	60.3	60.2	-0.1	-0.2%
82.5%	60.2	60.2	-0.1	-0.1%
83.8%	60.2	60.1	-0.1	-0.1%
85.0%	60.1	60.0	-0.1	-0.2%
86.3%	60.0	60.0	0.0	-0.1%
87.5%	60.0	59.9	-0.1	-0.2%
88.8%	60.0	59.9	-0.1	-0.2%
90.0%	60.0	59.8	-0.1	-0.3%
91.3%	59.7	59.8	0.1	0.2%
92.5%	59.7	59.8	0.1	0.2%
93.8%	59.5	59.7	0.2	0.3%
95.0%	59.4	59.1	-0.3	-0.5%
96.3%	59.4	59.1	-0.3	-0.5%
97.5%	59.4	59.0	-0.4	-0.6%
98.8%	58.9	58.9	0.0	0.0%
100.0%	58.0	58.9	0.9	1.6%

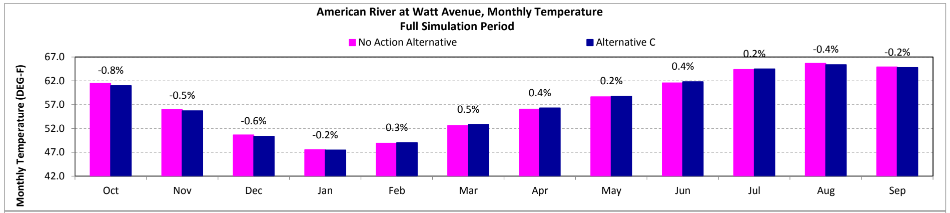
Table SQ-40-3a
American River at Watt Avenue, Monthly Temperature
Long-term Average and Average by Water Year Type

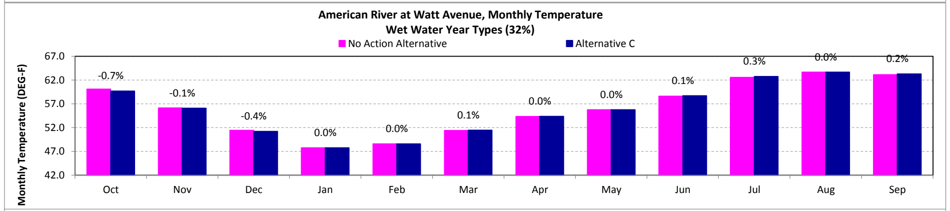
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	61.4	56.0	50.7	47.5	48.9	52.6	56.0	58.6	61.6	64.4	65.7	64.9
Alternative C	61.0	55.7	50.4	47.5	49.0	52.9	56.3	58.8	61.8	64.5	65.4	64.8
Difference	-0.5	-0.3	-0.3	-0.1	0.1	0.3	0.3	0.1	0.3	0.1	-0.3	-0.1
Percent Difference[3]	-0.8%	-0.5%	-0.6%	-0.2%	0.3%	0.5%	0.4%	0.2%	0.4%	0.2%	-0.4%	-0.2%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	60.1	56.1	51.4	47.8	48.6	51.4	54.4	55.8	58.6	62.6	63.7	63.1
Alternative C	59.7	56.1	51.2	47.8	48.6	51.5	54.4	55.8	58.7	62.8	63.7	63.3
Difference	-0.4	-0.1	-0.2	0.0	0.0	0.1	0.0	0.0	0.1	0.2	0.0	0.2
Percent Difference	-0.7%	-0.1%	-0.4%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	0.3%	0.0%	0.2%
Above Normal (15%)												
No Action Alternative	60.2	55.5	50.5	47.8	48.4	51.6	55.1	57.4	60.4	63.2	64.4	63.5
Alternative C	59.9	55.5	50.4	47.8	48.5	51.9	55.4	57.5	60.7	63.3	64.2	63.6
Difference	-0.4	0.0	-0.2	0.0	0.1	0.2	0.3	0.2	0.3	0.1	-0.2	0.1
Percent Difference	-0.6%	0.0%	-0.3%	-0.1%	0.2%	0.5%	0.5%	0.3%	0.5%	0.1%	-0.3%	0.1%
Below Normal (17%)												
No Action Alternative	60.8	56.2	51.1	47.3	48.3	52.6	56.1	58.3	61.3	63.5	64.9	64.1
Alternative C	60.7	56.0	50.9	47.1	48.4	52.9	56.1	58.3	61.6	63.7	64.5	63.8
Difference	-0.1	-0.1	-0.2	-0.2	0.1	0.3	0.0	0.0	0.3	0.2	-0.5	-0.3
Percent Difference	-0.1%	-0.3%	-0.4%	-0.4%	0.2%	0.6%	0.1%	0.0%	0.5%	0.3%	-0.7%	-0.5%
Dry (22%)												
No Action Alternative	62.6	55.9	50.4	47.4	49.5	53.4	57.1	60.5	63.0	64.9	66.2	65.6
Alternative C	61.8	55.5	50.2	47.3	49.6	53.7	57.6	61.0	63.7	64.7	66.1	65.6
Difference	-0.8	-0.4	-0.3	-0.1	0.2	0.3	0.4	0.5	0.7	-0.1	-0.2	0.0
Percent Difference	-1.2%	-0.7%	-0.5%	-0.2%	0.3%	0.6%	0.7%	0.9%	1.1%	-0.2%	-0.2%	0.1%
Critical (15%)												
No Action Alternative	64.6	56.0	49.0	47.2	49.9	54.9	58.9	63.7	67.2	69.7	71.4	70.0
Alternative C	63.7	55.0	48.2	47.2	50.4	55.4	59.7	63.6	67.1	69.9	70.3	69.1
Difference	-0.8	-0.9	-0.7	0.0	0.5	0.5	0.7	0.0	-0.2	0.2	-1.0	-0.9
Percent Difference	-1.3%	-1.7%	-1.5%	-0.1%	0.9%	1.0%	1.2%	-0.1%	-0.3%	0.3%	-1.4%	-1.3%

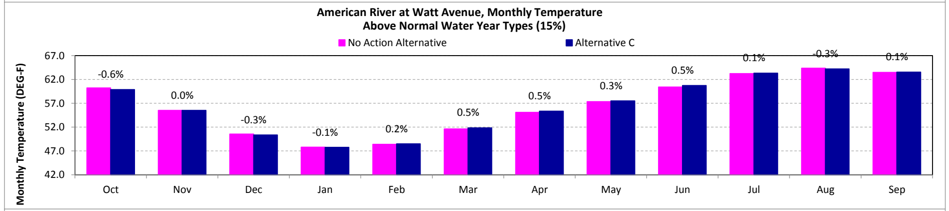
1 Based on the 82-year simulation period

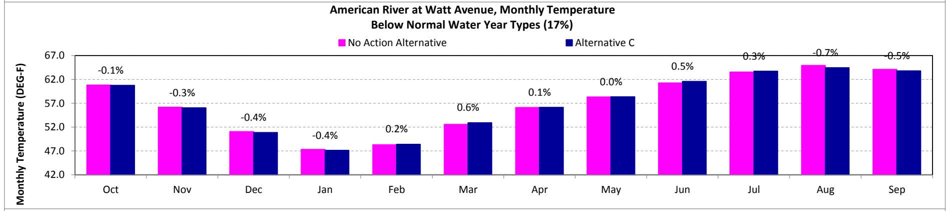
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

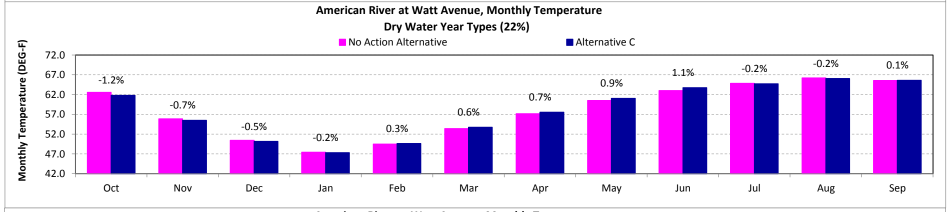
3 Relative difference of the monthly average











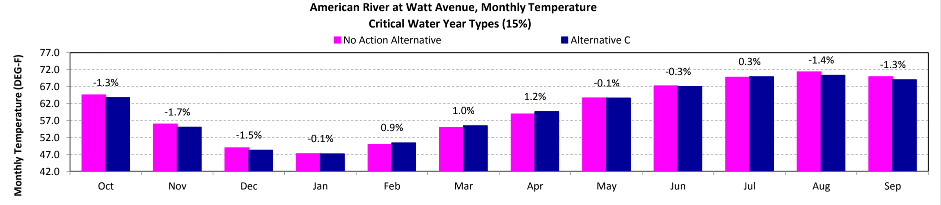


Figure SQ-40-3b
American River at Watt Avenue, Monthly Temperature
Probability of Exceedance

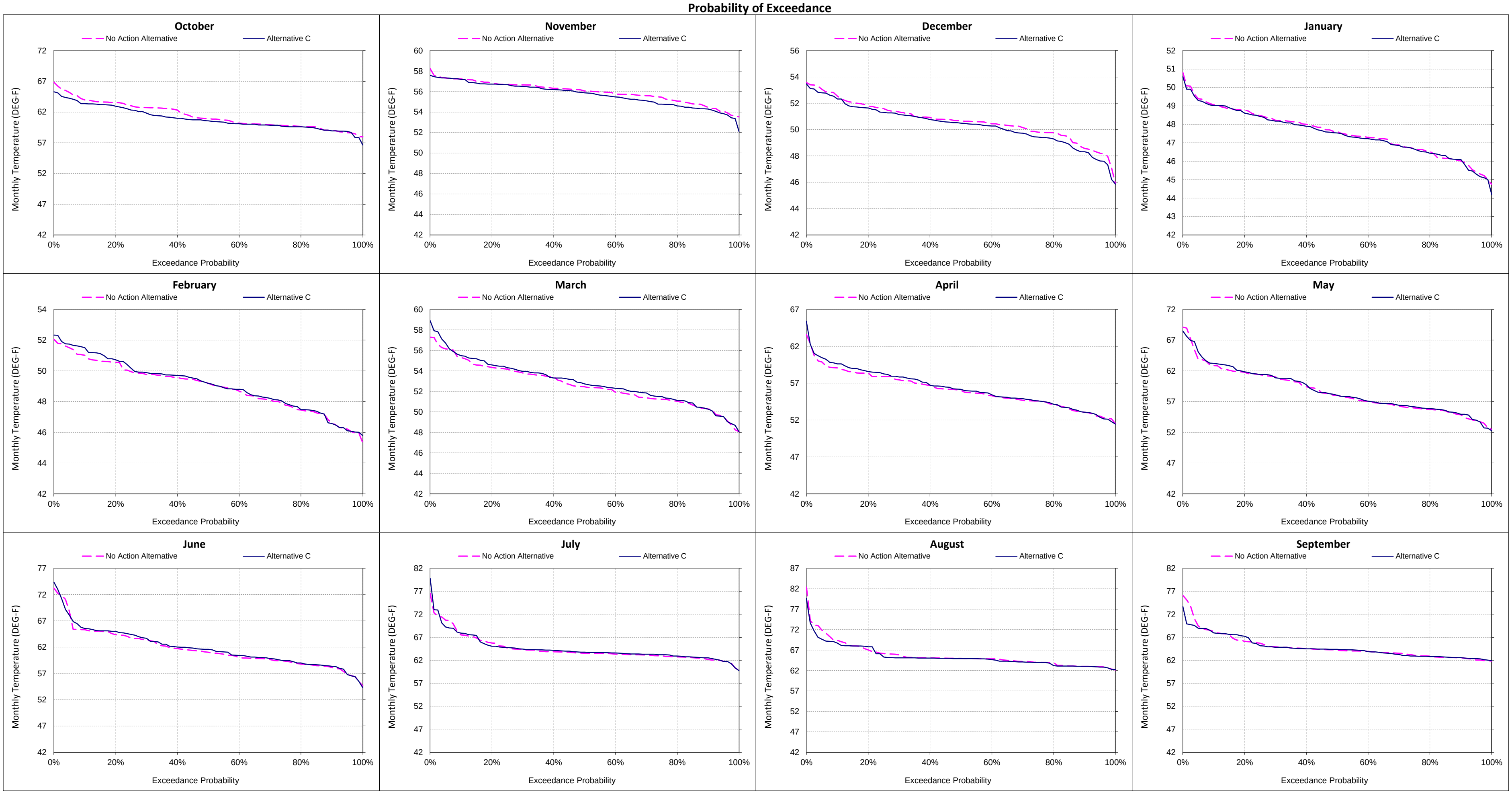


Table SQ-40-3b

American River at Watt Avenue, Monthly Temperature

Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.9	65.3	-1.6	-2.3%
1.3%	66.2	65.1	-1.1	-1.7%
2.5%	65.7	64.6	-1.2	-1.8%
3.8%	65.5	64.4	-1.1	-1.7%
5.0%	65.2	64.3	-0.9	-1.4%
6.3%	64.8	64.1	-0.7	-1.1%
7.5%	64.7	63.9	-0.8	-1.3%
8.8%	64.2	63.4	-0.8	-1.3%
10.0%	64.0	63.3	-0.6	-1.0%
11.3%	63.9	63.3	-0.6	-0.9%
12.5%	63.8	63.3	-0.5	-0.7%
13.8%	63.7	63.3	-0.4	-0.7%
15.0%	63.7	63.2	-0.4	-0.7%
16.3%	63.6	63.2	-0.5	-0.7%
17.5%	63.6	63.2	-0.5	-0.7%
18.8%	63.5	63.1	-0.4	-0.7%
20.0%	63.5	63.0	-0.6	-0.9%
21.3%	63.5	62.8	-0.7	-1.1%
22.5%	63.4	62.7	-0.7	-1.1%
23.8%	63.1	62.5	-0.6	-1.0%
25.0%	63.0	62.3	-0.7	-1.1%
26.3%	62.8	62.3	-0.6	-0.9%
27.5%	62.8	62.1	-0.7	-1.1%
28.8%	62.8	62.0	-0.7	-1.1%
30.0%	62.7	61.8	-0.9	-1.5%
31.3%	62.7	61.6	-1.1	-1.8%
32.5%	62.7	61.5	-1.2	-2.0%
33.8%	62.7	61.4	-1.3	-2.0%
35.0%	62.6	61.4	-1.3	-2.0%
36.3%	62.6	61.2	-1.4	-2.2%
37.5%	62.5	61.2	-1.4	-2.2%
38.8%	62.5	61.1	-1.4	-2.2%
40.0%	62.3	61.0	-1.3	-2.1%
41.3%	61.8	61.0	-0.8	-1.3%
42.5%	61.6	60.8	-0.8	-1.3%
43.8%	61.5	60.8	-0.7	-1.1%
45.0%	61.2	60.7	-0.4	-0.7%
46.3%	61.1	60.7	-0.3	-0.6%
47.5%	61.0	60.7	-0.3	-0.5%
48.8%	61.0	60.6	-0.4	-0.6%
50.0%	60.9	60.6	-0.4	-0.6%
51.3%	60.9	60.5	-0.4	-0.6%
52.5%	60.8	60.4	-0.4	-0.7%
53.8%	60.8	60.4	-0.4	-0.6%
55.0%	60.7	60.3	-0.4	-0.6%
56.3%	60.7	60.2	-0.5	-0.8%
57.5%	60.5	60.1	-0.3	-0.6%
58.8%	60.2	60.1	-0.1	-0.2%
60.0%	60.2	60.1	-0.1	-0.1%
61.3%	60.1	60.0	-0.1	-0.1%
62.5%	60.0	60.0	0.0	0.0%
63.8%	60.0	60.0	0.0	0.0%
65.0%	60.0	60.0	0.0	-0.1%
66.3%	60.0	59.9	-0.1	-0.2%
67.5%	60.0	59.9	-0.1	-0.2%
68.8%	60.0	59.9	-0.1	-0.1%
70.0%	59.9	59.9	-0.1	-0.1%
71.3%	59.9	59.8	0.0	-0.1%
72.5%	59.8	59.8	0.0	0.0%
73.8%	59.8	59.7	-0.1	-0.2%
75.0%	59.8	59.7	-0.1	-0.2%
76.3%	59.8	59.6	-0.1	-0.2%
77.5%	59.8	59.6	-0.1	-0.2%
78.8%	59.7	59.6	-0.1	-0.2%
80.0%	59.7	59.6	-0.1	-0.1%
81.3%	59.7	59.6	-0.1	-0.2%
82.5%	59.6	59.5	-0.1	-0.2%
83.8%	59.6	59.5	-0.1	-0.3%
85.0%	59.6	59.4	-0.2	-0.4%
86.3%	59.3	59.2	-0.2	-0.3%
87.5%	59.0	59.1	0.0	0.1%
88.8%	59.0	59.1	0.0	0.1%
90.0%	59.0	59.0	0.0	-0.1%
91.3%	58.9	59.0	0.0	0.0%
92.5%	58.8	58.9	0.1	0.2%
93.8%	58.7	58.9	0.1	0.2%
95.0%	58.6	58.8	0.2	0.3%
96.3%	58.6	58.7	0.1	0.1%
97.5%	58.5	57.9	-0.6	-1.0%
98.8%	58.0	57.8	-0.2	-0.3%
100.0%	58.0	56.6	-1.3	-2.3%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	58.2	57.6	-0.6	-1.1%
1.3%	57.6	57.5	-0.1	-0.2%
2.5%	57.5	57.4	-0.1	-0.2%
3.8%	57.4	57.3	0.0	-0.1%
5.0%	57.3	57.3	0.0	0.0%
6.3%	57.3	57.3	0.0	0.0%
7.5%	57.3	57.3	0.0	0.0%
8.8%	57.2	57.3	0.0	0.0%
10.0%	57.2	57.2	0.0	-0.1%
11.3%	57.2	57.2	0.0	0.0%
12.5%	57.2	56.9	-0.3	-0.5%
13.8%	57.1	56.9	-0.3	-0.5%
15.0%	57.0	56.8	-0.2	-0.3%
16.3%	57.0	56.8	-0.3	-0.4%
17.5%	56.9	56.8	-0.2	-0.3%
18.8%	56.9	56.7	-0.2	-0.3%
20.0%	56.8	56.7	-0.1	-0.2%
21.3%	56.8	56.7	0.0	-0.1%
22.5%	56.7	56.7	0.0	0.0%
23.8%	56.7	56.7	0.0	0.0%
25.0%	56.7	56.7	0.0	0.0%
26.3%	56.7	56.6	-0.1	-0.2%
27.5%	56.7	56.5	-0.1	-0.2%
28.8%	56.7	56.5	-0.1	-0.2%
30.0%	56.7	56.5	-0.1	-0.2%
31.3%	56.6	56.5	-0.2	-0.3%
32.5%	56.6	56.4	-0.2	-0.4%
33.8%	56.6	56.4	-0.2	-0.3%
35.0%	56.5	56.4	-0.1	-0.1%
36.3%	56.4	56.3	-0.2	-0.3%
37.5%	56.4	56.2	-0.2	-0.3%
38.8%	56.4	56.2	-0.2	-0.3%
40.0%	56.3	56.2	-0.1	-0.2%
41.3%	56.3	56.2	-0.1	-0.2%
42.5%	56.3	56.2	-0.1	-0.2%
43.8%	56.3	56.1	-0.2	-0.3%
45.0%	56.2	56.1	-0.2	-0.3%
46.3%	56.2	56.0	-0.2	-0.3%
47.5%	56.2	56.0	-0.2	-0.4%
48.8%	56.2	55.9	-0.2	-0.4%
50.0%	56.0	55.9	-0.2	-0.3%
51.3%	56.0	55.8	-0.2	-0.4%
52.5%	56.0	55.8	-0.2	-0.4%
53.8%	56.0	55.7	-0.3	-0.5%
55.0%	56.0	55.7	-0.3	-0.5%
56.3%	56.0	55.6	-0.3	-0.6%
57.5%	55.9	55.6	-0.4	-0.6%
58.8%	55.9	55.5	-0.4	-0.7%
60.0%	55.8	55.5	-0.3	-0.5%
61.3%	55.7	55.5	-0.3	-0.5%
62.5%	55.7	55.4	-0.3	-0.6%
63.8%	55.7	55.3	-0.4	-0.8%
65.0%	55.7	55.3	-0.5	-0.8%
66.3%	55.7	55.2	-0.4	-0.8%
67.5%	55.6	55.2	-0.5	-0.8%
68.8%	55.6	55.2	-0.5	-0.8%
70.0%	55.6	55.1	-0.5	-0.9%
71.3%	55.6	55.0	-0.6	-1.0%
72.5%	55.5	55.0	-0.5	-1.0%
73.8%	55.5	54.8	-0.7	-1.3%
75.0%	55.5	54.8	-0.7	-1.2%
76.3%	55.3	54.8	-0.5	-0.9%
77.5%	55.2	54.8	-0.5	-0.8%
78.8%	55.1	54.7	-0.4	-0.8%
80.0%	55.1	54.6	-0.5	-0.9%
81.3%	55.1	54.6	-0.5	-0.9%
82.5%	55.0	54.5	-0.5	-0.9%
83.8%	54.9	54.5	-0.4	-0.8%
85.0%	54.8	54.4	-0.4	-0.7%
86.3%	54.8	54.4	-0.4	-0.7%
87.5%	54.8	54.3	-0.4	-0.8%
88.8%	54.6	54.3	-0.3	-0.5%
90.0%	54.5	54.3	-0.2	-0.3%
91.3%	54.3	54.2	-0.2	-0.3%
92.5%	54.3	54.1	-0.3	-0.5%
93.8%	54.1	53.9	-0.2	-0.3%
95.0%	54.1	53.8	-0.2	-0.4%
96.3%	53.9	53.7	-0.2	-0.4%
97.5%	53.7	53.4	-0.2	-0.4%
98.8%	53.6	53.4	-0.3	-0.5%
100.0%	53.5	52.1	-1.4	-2.7%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.6	53.5	-0.1	-0.2%
1.3%	53.4	53.1	-0.3	-0.5%
2.5%	53.4	53.1	-0.3	-0.6%
3.8%	53.3	52.8	-0.5	-0.9%
5.0%	53.1	52.8	-0.3	-0.5%
6.3%	52.9	52.8	-0.1	-0.2%
7.5%	52.8	52.6	-0.2	-0.4%
8.8%	52.8	52.5	-0.3	-0.5%
10.0%	52.5	52.3	-0.2	-0.4%
11.3%	52.3	52.3	0.0	0.0%
12.5%	52.2	52.0	-0.3	-0.5%
13.8%	52.1	51.8	-0.3	-0.6%
15.0%	52.1	51.7	-0.4	-0.7%
16.3%	52.0	51.7	-0.3	-0.5%
17.5%	52.0	51.7	-0.3	-0.6%
18.8%	51.9	51.7	-0.3	-0.5%
20.0%	51.8	51.6	-0.1	-0.3%
21.3%	51.8	51.5	-0.2	-0.4%
22.5%	51.7	51.5	-0.2	-0.3%
23.8%	51.6	51.3	-0.3	-0.6%
25.0%	51.6	51.3	-0.3	-0.6%
26.3%	51.5	51.3	-0.2	-0.4%
27.5%	51.4	51.3	-0.1	-0.3%
28.8%	51.4	51.2	-0.2	-0.3%
30.0%	51.3	51.1	-0.2	-0.4%
31.3%	51.3	51.1	-0.2	-0.3%
32.5%	51.2	51.1	-0.1	-0.3%
33.8%	51.2	51.0	-0.2	-0.3%
35.0%	51.0	51.0	0.0	0.0%
36.3%	51.0	50.9	0.0	-0.1%
37.5%	51.0	50.9	0.0	-0.1%
38.8%	51.0	50.8	-0.1	-0.2%
40.0%	50.9	50.8	-0.2	-0.3%
41.3%	50.8	50.7	-0.1	-0.2%
42.5%	50.8	50.7	-0.1	-0.2%
43.8%	50.8	50.6	-0.1	-0.3%
45.0%	50.8	50.6	-0.2	-0.4%
46.3%	50.8	50.6	-0.2	-0.4%
47.5%	50.7	50.5	-0.2	-0.4%
48.8%	50.7	50.5	-0.2	-0.3%
50.0%	50.7	50.5	-0.2	-0.4%
51.3%	50.6	50.5	-0.2	-0.3%
52.5%	50.6	50.4	-0.2	-0.4%
53.8%	50.6	50.4	-0.2	-0.4%
55.0%	50.6	50.4	-0.2	-0.4%
56.3%	50.6	50.4	-0.2	-0.4%
57.5%	50.6	50.3	-0.3	-0.5%
58.8%	50.5	50.3	-0.2	-0.4%
60.0%	50.4	50.3	-0.2	-0.3%
61.3%	50.4	50.3	-0.2	-0.3%
62.5%	50.4	50.1	-0.2	-0.5%
63.8%	50.4	50.0	-0.3	-0.6%
65.0%	50.3	49.9	-0.4	-0.8%
66.3%	50.3	49.9	-0.4	-0.8%
67.5%	50.3	49.8	-0.5	-1.0%
68.8%	50.3	49.7	-0.5	-1.0%
70.0%	50.2	49.7	-0.4	-0.8%
71.3%	50.1	49.7	-0.4	-0.8%
72.5%	49.9	49.5	-0.4	-0.7%
73.8%	49.9	49.5	-0.4	-0.8%
75.0%	49.8	49.4	-0.4	-0.7%
76.3%	49.8	49.4	-0.4	-0.8%
77.5%	49.8	49.4	-0.4	-0.8%
78.8%	49.8	49.3	-0.4	-0.9%
80.0%	49.8	49.3	-0.5	-1.0%
81.3%	49.7	49.1	-0.6	-1.2%
82.5%	49.6	49.1	-0.5	-0.9%
83.8%	49.5	49.0	-0.5	-1.1%
85.0%	49.4	48.9	-0.6	-1.1%
86.3%	49.0	48.6	-0.4	-0.9%
87.5%	49.0	48.4	-0.5	-1.1%
88.8%	48.7	48.3	-0.4	-0.8%
90.0%	48.6	48.3	-0.3	-0.5%
91.3%	48.5	48.3	-0.3	-0.5%
92.5%	48.4	47.9	-0.5	-1.1%
93.8%	48.3	47.7	-0.6	-1.2%
95.0%	48.2	47.6	-0.6	-1.2%
96.3%	48.1	47.6	-0.5	-1.1%
97.5%	48.0	47.3	-0.7	-1.4%
98.8%	47.1	46.2	-0.9	-1.8%
100.0%	45.9	45.9	0.0	-0.1%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.8	50.6	-0.2	-0.5%
1.3%	50.1	49.9	-0.2	-0.4%
2.5%	50.1	49.9	-0.2	-0.3%
3.8%	49.6	49.5	-0.1	-0.2%
5.0%	49.4	49.3	-0.1	-0.2%
6.3%	49.4	49.3	-0.1	-0.2%
7.5%	49.2	49.1	-0.1	-0.2%
8.8%	49.1	49.0	-0.1	-0.2%
10.0%	49.1	49.0	0.0	-0.1%
11.3%	49.0	49.0	0.0	-0.1%
12.5%	49.0	49.0	0.1	0.1%
13.8%	48.9	49.0	0.1	0.2%
15.0%	48.8	48.9	0.1	0.2%
16.3%	48.8	48.8	0.0	0.0%
17.5%	48.8	48.8	0.0	-0.1%
18.8%	48.8	48.7	0.0	-0.1%
20.0%	48.8	48.6	-0.2	-0.3%
21.3%	48.7	48.6	-0.2	-0.3%
22.5%	48.6	48.5	-0.1	-0.1%
23.8%	48.5	48.5	0.0	-0.1%
25.0%	48.5	48.4	0.0	-0.1%
26.3%	48.4	48.4	0.0	-0.1%
27.5%	48.3	48.2	-0.1	-0.2%
28.8%	48.3	48.2	-0.1	-0.2%
30.0%	48.2	48.2	0.0	-0.1%
31.3%	48.2	48.2	0.0	-0.1%
32.5%	48.2	48.1	-0.1	-0.2%
33.8%	48.2	48.1	-0.1	-0.2%
35.0%	48.2	48.1	-0.1	-0.1%
36.3%	48.1	48.0	-0.2	-0.3%
37.5%	48.1	48.0	-0.1	-0.3%
38.8%	48.0	47.9	-0.1	-0.2%
40.0%	48.0	47.9	-0.1	-0.2%
41.3%	48.0	47.9	-0.1	-0.1%
42.5%	47.9	47.8	-0.1	-0.3%
43.8%	47.8	47.7	-0.1	-0.3%
45.0%	47.8	47.7	-0.2	-0.4%
46.3%	47.7	47.6	-0.1	-0.3%
47.5%	47.7	47.6	-0.1	-0.3%
48.8%	47.6	47.5	-0.1	-0.2%
50.0%	47.6	47.5	-0.1	-0.2%
51.3%	47.5	47.5	0.0	0.0%
52.5%	47.5	47.4	-0.1	-0.1%
53.8%	47.4	47.3	-0.1	-0.2%
55.0%	47.4	47.3	-0.1	-0.2%
56.3%	47.4	47.3	-0.1	-0.1%
57.5%	47.3	47.3	-0.1	-0.2%
58.8%	47.3	47.2	-0.1	-0.2%
60.0%	47.3	47.2	-0.1	-0.1%
61.3%	47.3	47.2	-0.1	-0.2%
62.5%	47.3	47.2	-0.1	-0.3%
63.8%	47.2	47.2	-0.1	-0.1%
65.0%	47.2	47.1	-0.1	-0.2%
66.3%	47.2	47.1	-0.1	-0.3%
67.5%	46.9	46.9	0.0	-0.1%
68.8%	46.9	46.9	0.0	0.0%
70.0%	46.9	46.8	0.0	-0.1%
71.3%	46.8	46.8	0.0	-0.1%
72.5%	46.7	46.8	0.0	0.0%
73.8%	46.7	46.7	0.0	0.0%
75.0%	46.7	46.7	0.0	-0.1%
76.3%	46.6	46.6	-0.1	-0.1%
77.5%	46.6	46.5	-0.1	-0.2%
78.8%	46.6	46.5	-0.1	-0.1%
80.0%	46.5	46.4	-0.1	-0.2%
81.3%	46.4	46.4	0.0	0.0%
82.5%	46.2	46.4	0.2	0.4%
83.8%	46.2	46.3	0.1	0.3%
85.0%	46.2	46.3	0.2	0.3%
86.3%	46.2	46.1	0.0	0.0%
87.5%	46.1	46.1	0.0	0.0%
88.8%	46.1	46.1	0.0	0.1%
90.0%	46.0	46.1	0.1	0.2%
91.3%	45.9	45.8	-0.1	-0.3%
92.5%	45.8	45.5	-0.3	-0.6%
93.8%	45.5	45.5	-0.1	-0.2%
95.0%	45.4	45.3	-0.1	-0.2%
96.3%	45.3	45.2	-0.2	-0.3%
97.5%	45.2	45.1	-0.1	-0.3%
98.8%	45.0	45.0	0.0	0.0%
100.0%	44.8	44.2	-0.5	-1.2%

Table SQ-40-3b
American River at Watt Avenue, Monthly Temperature
Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	52.1	52.3	0.3	0.5%
1.3%	51.8	52.3	0.5	1.0%
2.5%	51.8	51.9	0.2	0.3%
3.8%	51.6	51.8	0.2	0.3%
5.0%	51.5	51.8	0.2	0.5%
6.3%	51.4	51.7	0.3	0.5%
7.5%	51.1	51.6	0.5	1.1%
8.8%	51.1	51.6	0.5	1.0%
10.0%	51.0	51.5	0.5	1.0%
11.3%	50.8	51.2	0.4	0.8%
12.5%	50.7	51.2	0.5	0.9%
13.8%	50.7	51.2	0.5	1.0%
15.0%	50.6	51.1	0.5	1.0%
16.3%	50.6	51.0	0.4	0.8%
17.5%	50.6	50.8	0.2	0.4%
18.8%	50.6	50.8	0.2	0.5%
20.0%	50.6	50.7	0.2	0.3%
21.3%	50.5	50.6	0.1	0.2%
22.5%	50.1	50.6	0.5	1.1%
23.8%	50.0	50.4	0.4	0.7%
25.0%	50.0	50.2	0.2	0.5%
26.3%	49.9	50.0	0.1	0.2%
27.5%	49.9	49.9	0.1	0.1%
28.8%	49.8	49.9	0.1	0.2%
30.0%	49.8	49.9	0.1	0.3%
31.3%	49.8	49.8	0.1	0.2%
32.5%	49.8	49.8	0.1	0.1%
33.8%	49.7	49.8	0.1	0.2%
35.0%	49.7	49.8	0.1	0.2%
36.3%	49.6	49.7	0.1	0.2%
37.5%	49.6	49.7	0.1	0.2%
38.8%	49.6	49.7	0.1	0.3%
40.0%	49.6	49.7	0.1	0.3%
41.3%	49.5	49.7	0.2	0.4%
42.5%	49.5	49.7	0.2	0.4%
43.8%	49.5	49.6	0.1	0.2%
45.0%	49.5	49.5	0.1	0.1%
46.3%	49.4	49.5	0.1	0.2%
47.5%	49.3	49.4	0.0	0.1%
48.8%	49.3	49.3	0.0	0.0%
50.0%	49.2	49.2	0.0	0.0%
51.3%	49.1	49.1	0.0	0.1%
52.5%	49.0	49.0	0.0	0.0%
53.8%	49.0	49.0	0.0	0.0%
55.0%	48.9	48.9	0.0	-0.1%
56.3%	48.9	48.8	-0.1	-0.1%
57.5%	48.8	48.8	0.0	0.0%
58.8%	48.8	48.8	0.0	0.0%
60.0%	48.7	48.8	0.1	0.2%
61.3%	48.6	48.8	0.2	0.4%
62.5%	48.4	48.6	0.2	0.4%
63.8%	48.4	48.5	0.1	0.1%
65.0%	48.4	48.4	0.0	0.0%
66.3%	48.2	48.4	0.2	0.4%
67.5%	48.2	48.3	0.1	0.2%
68.8%	48.2	48.3	0.1	0.2%
70.0%	48.1	48.2	0.1	0.2%
71.3%	48.0	48.1	0.1	0.2%
72.5%	48.0	48.1	0.1	0.2%
73.8%	47.9	48.0	0.1	0.3%
75.0%	47.8	47.9	0.1	0.2%
76.3%	47.7	47.8	0.1	0.1%
77.5%	47.6	47.7	0.1	0.2%
78.8%	47.5	47.7	0.2	0.4%
80.0%	47.5	47.5	0.0	0.0%
81.3%	47.4	47.5	0.1	0.1%
82.5%	47.4	47.5	0.1	0.2%
83.8%	47.4	47.4	0.1	0.1%
85.0%	47.3	47.4	0.1	0.2%
86.3%	47.2	47.3	0.1	0.1%
87.5%	47.2	47.2	0.0	0.1%
88.8%	46.8	46.6	-0.2	-0.4%
90.0%	46.6	46.6	0.0	-0.1%
91.3%	46.5	46.5	0.0	0.0%
92.5%	46.3	46.3	0.0	0.0%
93.8%	46.3	46.3	0.0	0.0%
95.0%	46.2	46.1	-0.1	-0.2%
96.3%	46.0	46.1	0.0	0.1%
97.5%	46.0	46.0	0.1	0.2%
98.8%	45.9	46.0	0.1	0.2%
100.0%	45.3	45.8	0.5	1.1%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	57.3	58.9	1.6	2.8%
1.3%	57.3	57.9	0.7	1.2%
2.5%	56.6	57.8	1.2	2.2%
3.8%	56.3	57.1	0.8	1.5%
5.0%	56.2	56.7	0.6	1.0%
6.3%	56.1	56.1	0.0	0.1%
7.5%	56.0	55.9	-0.2	-0.3%
8.8%	55.4	55.6	0.2	0.4%
10.0%	55.3	55.5	0.2	0.3%
11.3%	55.2	55.5	0.3	0.5%
12.5%	55.0	55.3	0.2	0.4%
13.8%	54.7	55.2	0.6	1.0%
15.0%	54.6	55.2	0.6	1.1%
16.3%	54.6	55.0	0.5	0.9%
17.5%	54.5	55.0	0.5	1.0%
18.8%	54.4	54.6	0.2	0.4%
20.0%	54.3	54.6	0.2	0.4%
21.3%	54.3	54.5	0.2	0.4%
22.5%	54.3	54.5	0.2	0.4%
23.8%	54.2	54.5	0.2	0.4%
25.0%	54.2	54.3	0.1	0.2%
26.3%	54.0	54.3	0.2	0.4%
27.5%	54.0	54.2	0.2	0.4%
28.8%	53.9	54.0	0.1	0.3%
30.0%	53.8	54.0	0.2	0.3%
31.3%	53.7	54.0	0.3	0.5%
32.5%	53.7	53.9	0.2	0.3%
33.8%	53.6	53.8	0.2	0.3%
35.0%	53.6	53.8	0.2	0.4%
36.3%	53.6	53.8	0.2	0.3%
37.5%	53.5	53.6	0.2	0.3%
38.8%	53.5	53.4	-0.1	-0.2%
40.0%	53.4	53.3	-0.1	-0.2%
41.3%	53.1	53.3	0.2	0.4%
42.5%	53.0	53.3	0.3	0.5%
43.8%	52.8	53.3	0.5	0.9%
45.0%	52.7	53.2	0.5	0.9%
46.3%	52.5	53.2	0.6	1.1%
47.5%	52.5	52.9	0.4	0.8%
48.8%	52.5	52.9	0.4	0.7%
50.0%	52.5	52.7	0.3	0.5%
51.3%	52.4	52.6	0.3	0.5%
52.5%	52.4	52.6	0.2	0.4%
53.8%	52.4	52.6	0.2	0.4%
55.0%	52.3	52.5	0.2	0.4%
56.3%	52.3	52.5	0.2	0.4%
57.5%	52.2	52.4	0.2	0.3%
58.8%	52.2	52.3	0.2	0.3%
60.0%	51.9	52.3	0.4	0.7%
61.3%	51.9	52.3	0.4	0.8%
62.5%	51.8	52.2	0.4	0.8%
63.8%	51.8	52.1	0.3	0.6%
65.0%	51.7	52.0	0.3	0.6%
66.3%	51.7	52.0	0.3	0.7%
67.5%	51.4	51.9	0.5	1.0%
68.8%	51.4	51.9	0.5	0.9%
70.0%	51.4	51.8	0.5	0.9%
71.3%	51.3	51.6	0.3	0.6%
72.5%	51.3	51.6	0.3	0.6%
73.8%	51.3	51.5	0.3	0.5%
75.0%	51.2	51.5	0.3	0.5%
76.3%	51.2	51.3	0.1	0.2%
77.5%	51.2	51.3	0.2	0.4%
78.8%	51.1	51.2	0.1	0.3%
80.0%	51.0	51.1	0.1	0.2%
81.3%	50.9	51.1	0.2	0.3%
82.5%	50.9	51.1	0.2	0.3%
83.8%	50.8	50.9	0.0	0.1%
85.0%	50.7	50.9	0.2	0.4%
86.3%	50.5	50.5	-0.1	-0.1%
87.5%	50.4	50.5	0.1	0.2%
88.8%	50.4	50.4	0.0	0.0%
90.0%	50.3	50.3	0.0	0.0%
91.3%	50.2	50.1	-0.1	-0.2%
92.5%	49.7	49.6	-0.1	-0.2%
93.8%	49.7	49.6	-0.1	-0.2%
95.0%	49.5	49.5	0.0	0.1%
96.3%	49.1	49.0	-0.1	-0.1%
97.5%	48.7	48.9	0.2	0.3%
98.8%	48.3	48.7	0.4	0.9%
100.0%	48.1	48.1	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	63.6	65.4	1.8	2.9%
1.3%	62.4	62.3	-0.1	-0.1%
2.5%	60.8	61.0	0.3	0.5%
3.8%	60.0	60.8	0.7	1.2%
5.0%	59.9	60.5	0.6	1.0%
6.3%	59.4	60.2	0.9	1.4%
7.5%	59.2	59.8	0.7	1.1%
8.8%	59.1	59.8	0.6	1.1%
10.0%	59.1	59.6	0.5	0.9%
11.3%	58.9	59.6	0.7	1.2%
12.5%	58.8	59.3	0.6	1.0%
13.8%	58.6	59.1	0.5	0.9%
15.0%	58.6	59.0	0.4	0.7%
16.3%	58.4	59.0	0.6	1.0%
17.5%	58.4	58.8	0.5	0.8%
18.8%	58.4	58.7	0.4	0.6%
20.0%	58.4	58.6	0.2	0.4%
21.3%	57.9	58.5	0.6	1.0%
22.5%	57.9	58.5	0.5	0.9%
23.8%	57.9	58.4	0.5	0.9%
25.0%	57.9	58.3	0.3	0.6%
26.3%	57.9	58.2	0.3	0.5%
27.5%	57.9	58.0	0.1	0.1%
28.8%	57.5	57.9	0.4	0.7%
30.0%	57.5	57.8	0.4	0.7%
31.3%	57.3	57.8	0.5	0.9%
32.5%	57.3	57.7	0.4	0.6%
33.8%	57.3	57.6	0.3	0.5%
35.0%	57.0	57.6	0.5	1.0%
36.3%	57.0	57.4	0.4	0.8%
37.5%	56.9	57.2	0.3	0.5%
38.8%	56.8	57.1	0.3	0.6%
40.0%	56.7	56.7	0.0	0.0%
41.3%	56.5	56.6	0.2	0.3%
42.5%	56.3	56.6	0.3	0.6%
43.8%	56.3	56.6	0.3	0.6%
45.0%	56.2	56.5	0.3	0.5%
46.3%	56.2	56.4	0.3	0.4%
47.5%	56.2	56.2	0.1	0.2%
48.8%	56.1	56.2	0.1	0.2%
50.0%	56.0	56.2	0.1	0.2%
51.3%	55.8	56.0	0.2	0.4%
52.5%	55.7	56.0	0.2	0.4%
53.8%	55.7	55.9	0.3	0.5%
55.0%	55.7	55.9	0.3	0.4%
56.3%	55.6	55.8	0.1	0.2%
57.5%	55.5	55.7	0.2	0.3%
58.8%	55.3	55.7	0.3	0.6%
60.0%	55.3	55.4	0.1	0.2%
61.3%	55.2	55.2	0.0	0.1%
62.5%	55.2	55.2	0.0	0.0%
63.8%	55.0	55.1	0.1	0.2%
65.0%	55.0	55.1	0.1	0.2%
66.3%	54.9	55.0	0.1	0.1%
67.5%	54.9	55.0	0.1	0.2%
68.8%	54.8	54.9	0.2	0.3%
70.0%	54.7	54.9	0.2	0.4%
71.3%	54.6	54.8	0.2	0.3%
72.5%	54.6	54.8	0.2	0.3%
73.8%	54.6	54.7	0.1	0.1%
75.0%	54.6	54.6	0.0	0.0%
76.3%	54.6	54.5	-0.1	-0.1%
77.5%	54.4	54.5	0.0	0.0%
78.8%	54.2	54.4	0.2	0.3%
80.0%	54.1	54.1	0.0	0.0%
81.3%	54.0	54.1	0.1	0.1%
82.5%	53.8	53.8	-0.1	-0.1%
83.8%	53.7	53.7	0.0	0.0%
85.0%	53.5	53.7	0.1	0.2%
86.3%	53.3	53.5	0.2	0.3%
87.5%	53.2	53.4	0.2	0.3%
88.8%	53.1	53.1	0.0	0.1%
90.0%	53.1	53.1	0.0	0.0%
91.3%	53.0	53.0	0.0	0.1%
92.5%	52.8	52.9	0.1	0.2%
93.8%	52.6	52.7	0.2	0.3%
95.0%	52.5	52.4	-0.1	-0.3%
96.3%	52.3	52.2	-0.1	-0.3%
97.5%	52.2	52.1	-0.1	-0.2%
98.8%	52.2	51.8	-0.4	-0.8%
100.0%	51.5	51.5	0.0	-0.1%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	69.1	68.5	-0.6	-0.9%
1.3%	69.0	67.6	-1.3	-1.9%
2.5%	67.2	66.9	-0.3	-0.4%
3.8%	65.5	66.8	1.3	2.0%
5.0%	63.9	65.1	1.2	1.9%
6.3%	63.8	64.2	0.4	0.6%
7.5%	63.6	63.7	0.0	0.0%
8.8%	63.0	63.3	0.3	0.5%
10.0%	62.9	63.2	0.3	0.5%
11.3%	62.8	63.1	0.3	0.5%
12.5%	62.3	63.1	0.7	1.2%
13.8%	62.3	63.0	0.7	1.2%
15.0%	62.1	62.8	0.7	1.2%
16.3%	62.0	62.7	0.7	1.2%
17.5%	61.9	62.1	0.2	0.4%
18.8%	61.9	62.0	0.1	0.2%
20.0%	61.8	61.8	0.1	0.1%
21.3%	61.6	61.8	0.2	0.3%
22.5%	61.5	61.6	0.0	0.0%
23.8%	61.5	61.5	0.0	0.0%
25.0%	61.4	61.4	0.0	0.1%
26.3%	61.3	61.4	0.1	0.2%
27.5%	61.2	61.4	0.2	0.3%
28.8%	61.1	61.3	0.2	0.3%
30.0%	61.0	60.9	-0.1	-0.2%
31.3%	60.6	60.8	0.2	0.3%
32.5%	60.6	60.8	0.2	0.3%
33.8%	60.5	60.8	0.3	0.5%
35.0%	60.4	60.8	0.3	0.6%
36.3%	60.2	60.4	0.2	0.2%
37.5%	60.2	60.3	0.1	0.2%
38.8%	59.6	60.1	0.5	0.9%
40.0%	59.4	59.7	0.3	0.5%
41.3%	59.3	59.1	-0.2	-0.3%
42.5%	59.2	58.8	-0.4	-0.6%
43.8%	59.0	58.5	-0.5	-0.8%
45.0%	58.4	58.5	0.0	0.1%
46.3%	58.4	58.5	0.1	0.1%
47.5%	58.3	58.3	-0.1	-0.1%
48.8%	58.0	58.2	0.2	0.3%
50.0%	58.0	58.0	0.0	0.0%
51.3%	57.8	57.9	0.0	0.1%
52.5%	57.8	57.8	0.1	0.2%
53.8%	57.6	57.8	0.2	0.3%
55.0%	57.5	57.7	0.2	0.3%
56.3%	57.3	57.6	0.3	0.6%
57.5%	57.2	57.5	0.3	0.5%
58.8%	57.1	57.2	0.1	0.2%
60.0%	57.0	57.1	0.0	0.1%
61.3%	56.9	57.0	0.1	0.2%
62.5%	56.8	56.9	0.1	0.2%
63.8%	56.8	56.8	0.0	0.0%
65.0%	56.7	56.7	0.0	-0.1%
66.3%	56.6	56.7	0.0	0.1%
67.5%	56.6	56.7	0.1	0.2%
68.8%	56.3	56.5	0.2	0.4%
70.0%	56.3	56.4	0.1	0.2%
71.3%	56.2	56.4	0.2	0.4%
72.5%	56.1	56.4	0.3	0.5%
73.8%	56.0	56.2	0.2	0.3%
75.0%	56.0	56.2	0.2	0.3%
76.3%	55.9	56.1	0.2	0.3%
77.5%	55.8	55.9	0.1	0.2%
78.8%	55.8	55.9	0.2	0.3%
80.0%	55.8	55.9	0.1	0.2%
81.3%	55.7	55.8	0.2	0.3%
82.5%	55.6	55.8	0.1	0.2%
83.8%	55.6	55.7	0.1	0.1%
85.0%	55.5	55.6	0.1	0.1%
86.3%	55.2	55.3	0.1	0.2%
87.5%	55.2	55.3	0.1	0.2%
88.8%	54.9	55.2	0.2	0.4%
90.0%	54.9	55.0	0.1	0.1%
91.3%	54.4	54.9	0.5	1.0%
92.5%	54.2	54.8	0.6	1.1%
93.8%	54.0	54.1	0.1	0.2%
95.0%	53.9	54.0	0.0	0.1%
96.3%	53.7	53.7	0.0	-0.1%
97.5%	53.5	52.7	-0.8	-1.4%
98.8%	52.7	52.7	-0.1	-0.1%
100.0%	52.5	52.3	-0.2	-0.4%

Table SQ-40-3b

American River at Watt Avenue, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.2	74.3	1.1	1.5%
1.3%	72.3	73.0	0.7	1.0%
2.5%	71.8	71.2	-0.6	-0.8%
3.8%	71.1	69.2	-2.0	-2.8%
5.0%	68.8	68.1	-0.8	-1.1%
6.3%	65.4	66.9	1.5	2.3%
7.5%	65.4	66.4	1.1	1.6%
8.8%	65.3	65.8	0.4	0.7%
10.0%	65.3	65.5	0.2	0.3%
11.3%	65.1	65.5	0.4	0.6%
12.5%	65.1	65.3	0.3	0.4%
13.8%	65.0	65.1	0.1	0.2%
15.0%	65.0	65.1	0.1	0.1%
16.3%	65.0	65.1	0.1	0.2%
17.5%	64.9	65.1	0.1	0.2%
18.8%	64.6	65.0	0.4	0.7%
20.0%	64.4	65.0	0.6	1.0%
21.3%	64.3	64.8	0.5	0.8%
22.5%	64.2	64.7	0.5	0.7%
23.8%	64.1	64.6	0.5	0.8%
25.0%	63.7	64.4	0.7	1.2%
26.3%	63.7	64.3	0.6	0.9%
27.5%	63.6	64.0	0.4	0.5%
28.8%	63.5	63.8	0.3	0.6%
30.0%	63.3	63.7	0.4	0.6%
31.3%	63.2	63.1	-0.1	-0.2%
32.5%	63.1	63.0	0.0	0.0%
33.8%	62.4	63.0	0.6	0.9%
35.0%	62.3	62.6	0.3	0.5%
36.3%	62.2	62.5	0.4	0.6%
37.5%	61.9	62.2	0.2	0.4%
38.8%	61.8	62.1	0.3	0.5%
40.0%	61.7	62.0	0.3	0.5%
41.3%	61.6	62.0	0.4	0.6%
42.5%	61.5	62.0	0.5	0.7%
43.8%	61.5	61.8	0.4	0.7%
45.0%	61.4	61.8	0.5	0.7%
46.3%	61.3	61.7	0.4	0.6%
47.5%	61.3	61.7	0.4	0.6%
48.8%	61.1	61.6	0.5	0.8%
50.0%	61.0	61.6	0.5	0.9%
51.3%	60.9	61.5	0.6	1.0%
52.5%	60.8	61.2	0.4	0.6%
53.8%	60.8	61.1	0.4	0.6%
55.0%	60.7	61.1	0.5	0.8%
56.3%	60.5	61.0	0.6	1.0%
57.5%	60.4	60.5	0.1	0.1%
58.8%	60.3	60.4	0.1	0.2%
60.0%	60.0	60.4	0.4	0.7%
61.3%	59.9	60.4	0.4	0.7%
62.5%	59.9	60.2	0.3	0.6%
63.8%	59.8	60.1	0.3	0.5%
65.0%	59.8	60.1	0.3	0.5%
66.3%	59.8	60.0	0.2	0.3%
67.5%	59.8	60.0	0.2	0.3%
68.8%	59.8	60.0	0.2	0.3%
70.0%	59.6	59.8	0.2	0.3%
71.3%	59.5	59.8	0.3	0.5%
72.5%	59.4	59.6	0.2	0.3%
73.8%	59.4	59.5	0.0	0.1%
75.0%	59.3	59.4	0.1	0.1%
76.3%	59.2	59.4	0.2	0.3%
77.5%	59.0	59.2	0.2	0.3%
78.8%	58.9	59.0	0.1	0.2%
80.0%	58.8	59.0	0.2	0.3%
81.3%	58.7	58.8	0.1	0.1%
82.5%	58.7	58.7	0.0	0.0%
83.8%	58.6	58.7	0.1	0.2%
85.0%	58.5	58.6	0.2	0.3%
86.3%	58.4	58.6	0.2	0.3%
87.5%	58.4	58.5	0.1	0.2%
88.8%	58.3	58.4	0.1	0.2%
90.0%	58.1	58.3	0.2	0.4%
91.3%	57.9	58.3	0.4	0.7%
92.5%	57.9	58.0	0.1	0.1%
93.8%	57.4	57.8	0.5	0.8%
95.0%	56.8	56.8	-0.1	-0.1%
96.3%	56.6	56.5	0.0	-0.1%
97.5%	56.4	56.4	0.0	0.1%
98.8%	55.5	55.4	0.0	0.0%
100.0%	54.6	54.3	-0.3	-0.6%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	76.6	79.8	3.3	4.3%
1.3%	72.3	73.0	0.7	1.0%
2.5%	71.6	72.9	1.3	1.9%
3.8%	71.4	70.1	-1.3	-1.8%
5.0%	70.7	69.3	-1.5	-2.1%
6.3%	70.7	69.0	-1.6	-2.3%
7.5%	69.9	68.9	-0.9	-1.3%
8.8%	68.3	68.1	-0.2	-0.4%
10.0%	67.5	67.9	0.4	0.6%
11.3%	67.4	67.9	0.4	0.6%
12.5%	67.3	67.6	0.3	0.4%
13.8%	67.2	67.5	0.3	0.5%
15.0%	66.9	67.4	0.5	0.8%
16.3%	66.3	66.0	-0.4	-0.5%
17.5%	66.2	65.6	-0.6	-0.9%
18.8%	65.9	65.3	-0.6	-1.0%
20.0%	65.7	65.1	-0.7	-1.0%
21.3%	65.7	65.0	-0.7	-1.0%
22.5%	65.1	64.9	-0.3	-0.4%
23.8%	65.1	64.8	-0.2	-0.4%
25.0%	64.7	64.8	0.1	0.2%
26.3%	64.5	64.7	0.2	0.3%
27.5%	64.4	64.7	0.2	0.4%
28.8%	64.4	64.5	0.1	0.1%
30.0%	64.3	64.4	0.1	0.2%
31.3%	64.2	64.3	0.1	0.1%
32.5%	64.2	64.3	0.1	0.1%
33.8%	64.2	64.3	0.1	0.1%
35.0%	64.0	64.3	0.3	0.5%
36.3%	64.0	64.3	0.3	0.5%
37.5%	63.9	64.2	0.4	0.5%
38.8%	63.9	64.2	0.4	0.6%
40.0%	63.8	64.2	0.3	0.5%
41.3%	63.8	64.1	0.3	0.4%
42.5%	63.8	64.0	0.2	0.4%
43.8%	63.8	64.0	0.2	0.3%
45.0%	63.8	64.0	0.2	0.4%
46.3%	63.7	63.9	0.2	0.3%
47.5%	63.6	63.8	0.2	0.3%
48.8%	63.6	63.8	0.2	0.3%
50.0%	63.5	63.8	0.2	0.3%
51.3%	63.5	63.7	0.2	0.3%
52.5%	63.5	63.7	0.2	0.3%
53.8%	63.5	63.7	0.2	0.3%
55.0%	63.5	63.7	0.2	0.3%
56.3%	63.5	63.7	0.2	0.3%
57.5%	63.5	63.6	0.1	0.2%
58.8%	63.4	63.6	0.2	0.3%
60.0%	63.3	63.6	0.3	0.4%
61.3%	63.3	63.5	0.2	0.4%
62.5%	63.3	63.5	0.2	0.3%
63.8%	63.3	63.4	0.2	0.3%
65.0%	63.3	63.4	0.1	0.2%
66.3%	63.2	63.4	0.2	0.3%
67.5%	63.2	63.4	0.2	0.3%
68.8%	63.2	63.3	0.2	0.2%
70.0%	63.2	63.3	0.1	0.2%
71.3%	63.1	63.3	0.2	0.3%
72.5%	63.0	63.3	0.3	0.5%
73.8%	63.0	63.2	0.2	0.4%
75.0%	63.0	63.2	0.2	0.4%
76.3%	62.8	63.2	0.4	0.6%
77.5%	62.8	63.2	0.3	0.6%
78.8%	62.8	62.9	0.2	0.3%
80.0%	62.7	62.9	0.2	0.3%
81.3%	62.7	62.9	0.2	0.3%
82.5%	62.7	62.7	0.1	0.1%
83.8%	62.6	62.7	0.1	0.2%
85.0%	62.6	62.7	0.2	0.2%
86.3%	62.5	62.7	0.2	0.3%
87.5%	62.5	62.6	0.1	0.2%
88.8%	62.3	62.5	0.2	0.3%
90.0%	62.2	62.5	0.4	0.6%
91.3%	62.0	62.4	0.3	0.5%
92.5%	62.0	62.2	0.2	0.3%
93.8%	62.0	62.0	0.0	0.0%
95.0%	61.8	61.8	0.0	0.0%
96.3%	61.7	61.8	0.1	0.1%
97.5%	61.3	61.2	-0.1	-0.2%
98.8%	60.3	60.3	0.0	0.0%
100.0%	59.8	59.7	-0.1	-0.1%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	82.4	79.6	-2.8	-3.4%
1.3%	74.2	73.7	-0.5	-0.7%
2.5%	73.1	71.7	-1.4	-1.9%
3.8%	73.0	70.1	-2.9	-3.9%
5.0%	71.8	69.6	-2.2	-3.1%
6.3%	71.2	69.2	-2.0	-2.8%
7.5%	70.3	69.1	-1.2	-1.7%
8.8%	69.4	69.1	-0.4	-0.5%
10.0%	69.4	68.7	-0.7	-1.0%
11.3%	69.0	68.1	-0.9	-1.4%
12.5%	68.8	68.1	-0.7	-1.0%
13.8%	68.1	68.1	0.0	-0.1%
15.0%	68.0	68.0	0.0	0.0%
16.3%	68.0	68.0	0.0	0.0%
17.5%	67.9	68.0	0.0	0.1%
18.8%	67.4	67.9	0.6	0.8%
20.0%	67.0	67.8	0.8	1.1%
21.3%	66.6	67.8	1.2	1.7%
22.5%	66.5	66.1	-0.4	-0.6%
23.8%	66.2	66.1	-0.2	-0.2%
25.0%	66.2	65.3	-0.9	-1.3%
26.3%	66.0	65.2	-0.8	-1.3%
27.5%	66.0	65.1	-0.9	-1.3%
28.8%	66.0	65.1	-0.8	-1.3%
30.0%	65.8	65.1	-0.7	-1.1%
31.3%	65.5	65.1	-0.4	-0.5%
32.5%	65.2	65.1	-0.1	-0.2%
33.8%	65.2	65.1	-0.1	-0.2%
35.0%	65.2	65.1	-0.1	-0.1%
36.3%	65.1	65.1	-0.1	-0.1%
37.5%	65.1	65.1	-0.1	-0.1%
38.8%	65.1	65.1	-0.1	-0.1%
40.0%	65.1	65.0	-0.1	-0.1%
41.3%	65.1	65.0	0.0	-0.1%
42.5%	65.1	65.0	-0.1	-0.1%
43.8%	65.0	65.0	0.0	-0.1%
45.0%	65.0	65.0	0.0	-0.1%
46.3%	65.0	64.9	0.0	0.0%
47.5%	65.0	64.9	-0.1	-0.1%
48.8%	64.9	64.9	0.0	0.0%
50.0%	64.9	64.9	0.0	-0.1%
51.3%	64.9	64.9	0.0	-0.1%
52.5%	64.9	64.9	-0.1	-0.1%
53.8%	64.9	64.9	-0.1	-0.1%
55.0%	64.9	64.9	0.0	0.0%
56.3%	64.9	64.9	0.0	0.0%
57.5%	64.8	64.8	0.0	0.0%
58.8%	64.8	64.8	0.0	-0.1%
60.0%	64.8	64.7	-0.2	-0.2%
61.3%	64.8	64.6	-0.3	-0.4%
62.5%	64.7	64.3	-0.4	-0.7%
63.8%	64.6	64.3	-0.3	-0.4%
65.0%	64.5	64.3	-0.2	-0.3%
66.3%	64.5	64.2	-0.3	-0.4%
67.5%	64.3	64.2	-0.2	-0.2%
68.8%	64.2	64.1	-0.2	-0.2%
70.0%	64.2	64.1	-0.1	-0.2%
71.3%	64.2	64.1	-0.1	-0.2%
72.5%	64.2	64.0	-0.1	-0.2%
73.8%	64.0	64.0	0.0	0.0%
75.0%	64.0	64.0	0.0	0.0%
76.3%	64.0	64.0	0.0	0.0%
77.5%	64.0	64.0	0.0	-0.1%
78.8%	63.9	63.8	-0.2	-0.3%
80.0%	63.9	63.2	-0.7	-1.1%
81.3%	63.3	63.1	-0.2	-0.2%
82.5%	63.2	63.1	-0.2	-0.3%
83.8%	63.2	63.1	-0.1	-0.2%
85.0%	63.1	63.0	0.0	-0.1%
86.3%	63.1	63.0	0.0	-0.1%
87.5%	63.0	63.0	0.0	0.0%
88.8%	63.0	63.0	0.0	0.0%
90.0%	63.0	63.0	0.0	0.0%
91.3%	63.0	63.0	0.0	0.0%
92.5%	63.0	63.0	0.0	0.0%
93.8%	63.0	62.9	0.0	-0.1%
95.0%	63.0	62.8	-0.1	-0.2%
96.3%	62.8	62.8	0.0	0.0%
97.5%	62.6	62.6	0.0	0.1%
98.8%	62.3	62.3	-0.1	-0.1%
100.0%	62.1	62.2	0.1	0.1%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	76.1	73.7	-2.4	-3.2%
1.3%	75.1	69.9	-5.2	-6.9%
2.5%	73.8	69.7	-4.1	-5.5%
3.8%	71.0	69.6	-1.5	-2.1%
5.0%	69.5	69.0	-0.5	-0.7%
6.3%	68.9	68.9	0.0	0.0%
7.5%	68.7	68.9	0.2	0.3%
8.8%	68.5	68.5	0.0	0.0%
10.0%	68.3	68.0	-0.3	-0.5%
11.3%	68.0	67.8	-0.1	-0.2%
12.5%	67.8	67.8	0.0	0.0%
13.8%	67.8	67.8	0.0	0.0%
15.0%	67.5	67.6	0.1	0.1%
16.3%	66.8	67.6	0.8	1.2%
17.5%	66.4	67.6	1.2	1.8%
18.8%	66.4	67.3	0.9	1.4%
20.0%	66.1	67.3	1.1	1.7%
21.3%	66.0	66.9	0.9	1.3%
22.5%	66.0	65.8	-0.2	-0.4%
23.8%	65.8	65.7	-0.2	-0.2%
25.0%	65.7	65.1	-0.6	-0.9%
26.3%	65.4	65.1	-0.4	-0.6%
27.5%	65.0	64.9	-0.1	-0.1%
28.8%	64.9	64.9	0.0	0.0%
30.0%	64.9	64.8	-0.1	-0.1%
31.3%	64.8	64.8	0.0	-0.1%
32.5%	64.8	64.8	0.0	0.0%
33.8%	64.8	64.8	0.0	0.0%
35.0%	64.7	64.7	0.0	0.0%
36.3%	64.7	64.6	-0.1	-0.1%
37.5%	64.6	64.6	-0.1	-0.1%
38.8%	64.6	64.5	-0.1	-0.1%
40.0%	64.6	64.5	-0.1	-0.1%
41.3%	64.5	64.5	0.0	0.0%
42.5%	64.4	64.5	0.1	0.1%
43.8%	64.4	64.4	0.1	0.1%
45.0%	64.4	64.4	0.1	0.1%
46.3%	64.3	64.4	0.1	0.2%
47.5%	64.3	64.4	0.1	0.2%
48.8%	64.3	64.4	0.1	0.2%
50.0%	64.2	64.4	0.2	0.2%
51.3%	64.1	64.3	0.3	0.4%
52.5%	64.1	64.3	0.2	0.4%
53.8%	64.0	64.3	0.2	0.4%
55.0%	64.0	64.3	0.2	0.4%
56.3%	64.0	64.2	0.2	0.3%
57.5%	64.0	64.2	0.2	0.3%
58.8%	64.0	64.1	0.1	0.2%
60.0%	63.9	63.9	0.0	0.0%
61.3%	63.9	63.8	0.0	-0.1%
62.5%	63.8	63.8	0.0	0.0%
63.8%	63.7	63.7	0.0	0.0%
65.0%	63.7	63.6	-0.1	-0.1%
66.3%	63.7	63.5	-0.2	-0.3%
67.5%	63.6	63.5	-0.1	-0.2%
68.8%	63.6	63.3	-0.3	-0.4%
70.0%	63.5	63.3	-0.3	-0.4%
71.3%	63.5	63.0	-0.4	-0.7%
72.5%	63.3	63.0	-0.3	-0.5%
73.8%	63.2	62.9	-0.3	-0.5%
75.0%	63.1	62.9	-0.2	-0.3%
76.3%	63.0	62.9	-0.1	-0.1%
77.5%	62.9	62.9	-0.1	-0.1%
78.8%	62.9	62.8	-0.1	-0.1%
80.0%	62.9	62.8	-0.1	-0.1%
81.3%	62.7	62.8	0.1	0.1%
82.5%	62.7	62.8	0.1	0.1%
83.8%	62.7	62.8	0.1	0.2%
85.0%	62.6	62.7	0.1	0.1%
86.3%	62.6	62.6	0.0	0.0%
87.5%	62.6	62.6	0.0	0.0%
88.8%	62.6	62.6	0.0	0.0%
90.0%	62.5	62.6	0.0	0.0%
91.3%	62.5	62.5	0.0	0.0%
92.5%	62.3	62.4	0.1	0.1%
93.8%	62.3	62.4	0.1	0.2%
95.0%	62.0	62.4	0.3	0.5%
96.3%	62.0	62.3	0.3	0.4%
97.5%	61.9	62.1	0.2	0.3%
98.8%	61.9	62.0	0.1	0.2%
100.0%	61.8	61.9	0.1	0.1%

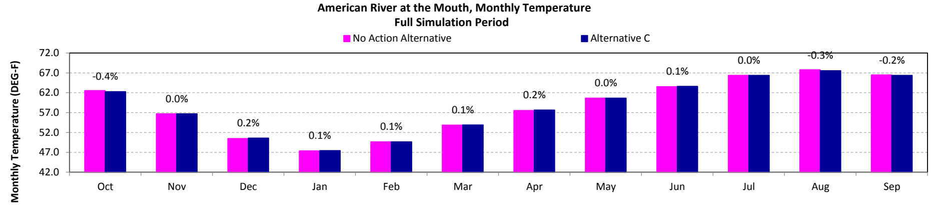
Table SQ-41-3a
American River at the Mouth, Monthly Temperature
Long-term Average and Average by Water Year Type

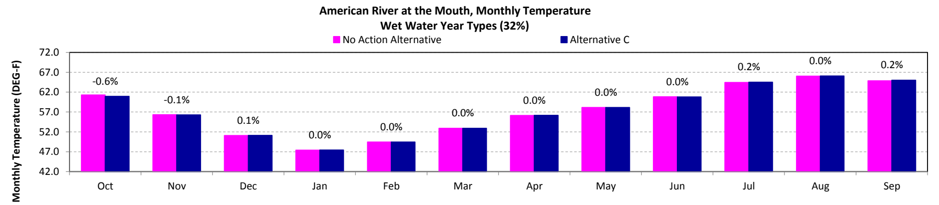
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	62.5	56.7	50.5	47.4	49.6	53.8	57.5	60.6	63.5	66.4	67.8	66.5
Alternative C	62.3	56.7	50.6	47.4	49.7	53.9	57.7	60.7	63.6	66.4	67.6	66.4
Difference	-0.3	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.1	0.0	-0.2	-0.1
Percent Difference[3]	-0.4%	0.0%	0.2%	0.1%	0.1%	0.1%	0.2%	0.0%	0.1%	0.0%	-0.3%	-0.2%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	61.3	56.3	51.1	47.4	49.5	52.9	56.1	58.2	60.8	64.4	66.1	64.9
Alternative C	60.9	56.3	51.1	47.4	49.5	52.9	56.2	58.1	60.8	64.5	66.1	65.0
Difference	-0.3	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
Percent Difference	-0.6%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.2%
Above Normal (15%)												
No Action Alternative	61.5	56.1	50.0	47.6	49.2	53.0	56.7	59.3	62.4	65.2	66.6	65.1
Alternative C	61.3	56.2	50.1	47.6	49.2	53.2	56.9	59.4	62.5	65.2	66.4	65.2
Difference	-0.3	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.0	-0.1	0.1
Percent Difference	-0.4%	0.1%	0.2%	0.1%	0.1%	0.2%	0.4%	0.2%	0.2%	0.0%	-0.2%	0.1%
Below Normal (17%)												
No Action Alternative	62.1	56.8	50.7	47.2	49.0	53.8	57.5	60.2	63.2	65.6	66.9	65.5
Alternative C	61.9	56.8	50.7	47.2	49.0	53.9	57.5	60.2	63.3	65.6	66.6	65.3
Difference	-0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.0	-0.3	-0.2
Percent Difference	-0.2%	0.0%	0.1%	0.0%	0.0%	0.2%	0.0%	0.0%	0.1%	0.1%	-0.5%	-0.3%
Dry (22%)												
No Action Alternative	63.5	57.0	50.5	47.4	50.1	54.4	58.4	62.2	64.9	66.9	68.2	67.2
Alternative C	63.1	57.0	50.6	47.5	50.1	54.5	58.6	62.6	65.3	66.6	68.1	67.1
Difference	-0.5	0.0	0.1	0.1	0.0	0.1	0.2	0.4	0.5	-0.2	0.0	-0.1
Percent Difference	-0.7%	-0.1%	0.2%	0.2%	0.0%	0.2%	0.4%	0.6%	0.7%	-0.4%	-0.1%	-0.2%
Critical (15%)												
No Action Alternative	65.3	57.4	49.3	47.2	50.5	55.9	60.2	65.6	69.0	71.9	73.2	71.4
Alternative C	65.2	57.5	49.5	47.4	50.7	55.9	60.4	65.1	68.5	71.9	72.1	70.6
Difference	0.0	0.1	0.2	0.2	0.1	0.1	0.2	-0.5	-0.6	-0.1	-1.1	-0.7
Percent Difference	-0.1%	0.2%	0.4%	0.4%	0.3%	0.1%	0.4%	-0.8%	-0.8%	-0.1%	-1.5%	-1.0%

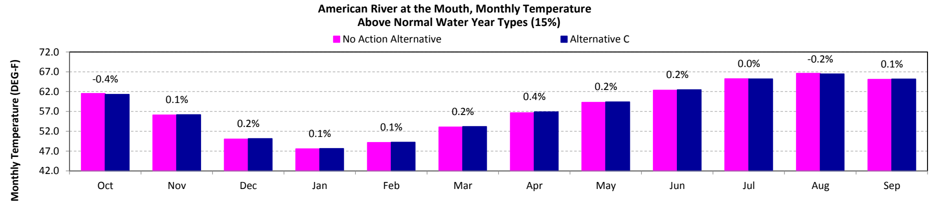
1 Based on the 82-year simulation period

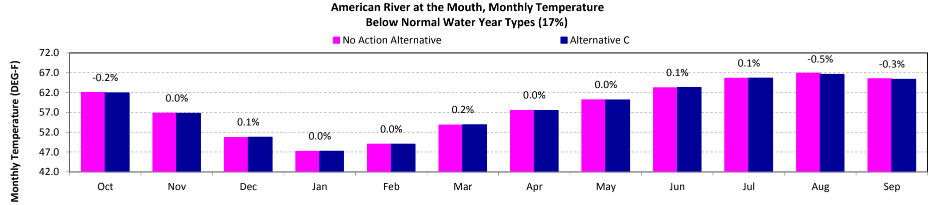
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

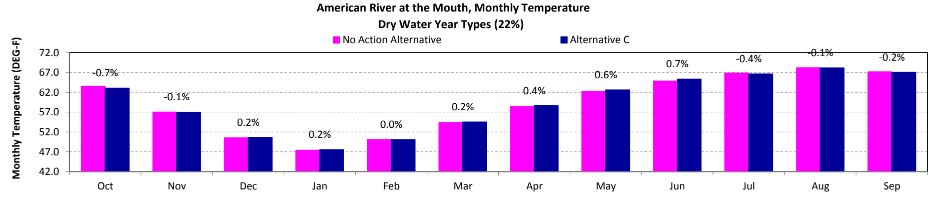
3 Relative difference of the monthly average


American River at the Mouth, Monthly Temperature
Full Simulation Period


American River at the Mouth, Monthly Temperature
Wet Water Year Types (32%)


American River at the Mouth, Monthly Temperature
Above Normal Water Year Types (15%)


American River at the Mouth, Monthly Temperature
Below Normal Water Year Types (17%)


American River at the Mouth, Monthly Temperature
Dry Water Year Types (22%)

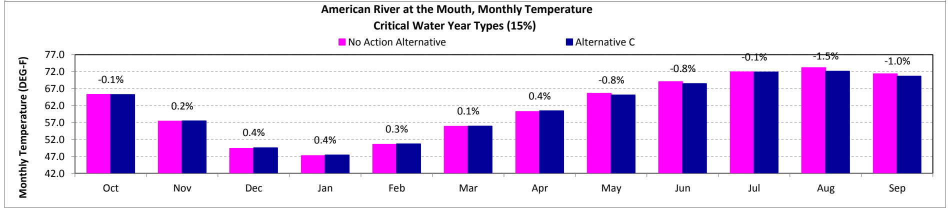

American River at the Mouth, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-41-3b
American River at the Mouth, Monthly Temperature
Probability of Exceedance

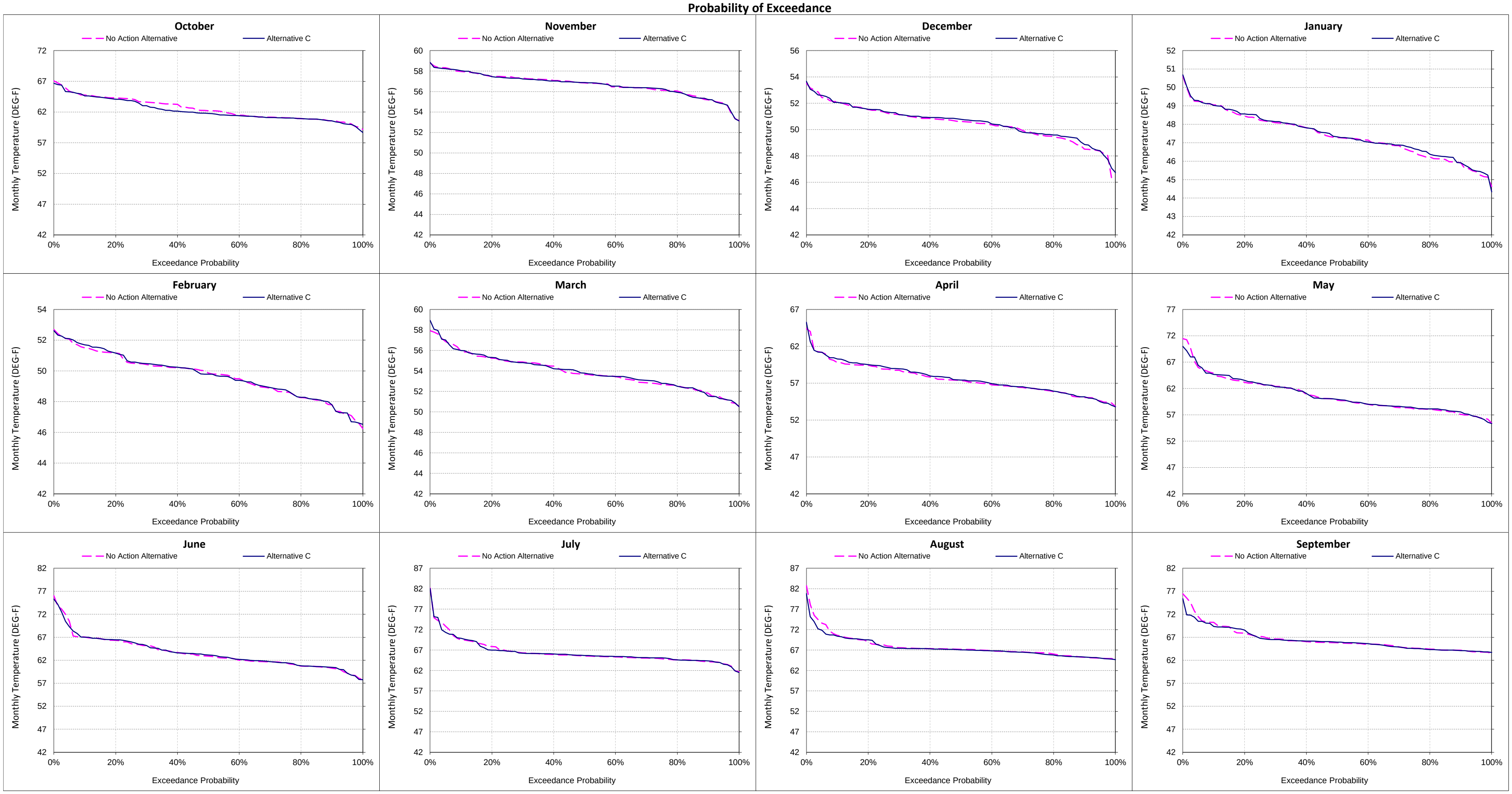


Table SQ-41-3b

American River at the Mouth, Monthly Temperature

Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.1	66.7	-0.4	-0.6%
1.3%	66.7	66.5	-0.3	-0.4%
2.5%	66.4	66.4	0.0	0.0%
3.8%	65.9	65.3	-0.6	-0.9%
5.0%	65.4	65.3	-0.1	-0.1%
6.3%	65.2	65.2	0.1	0.1%
7.5%	65.1	65.0	0.0	-0.1%
8.8%	64.8	65.0	0.2	0.3%
10.0%	64.8	64.6	-0.1	-0.2%
11.3%	64.7	64.6	-0.1	-0.1%
12.5%	64.7	64.5	-0.1	-0.2%
13.8%	64.5	64.4	-0.1	-0.1%
15.0%	64.4	64.4	0.0	-0.1%
16.3%	64.4	64.3	-0.1	-0.2%
17.5%	64.3	64.2	-0.1	-0.1%
18.8%	64.3	64.2	-0.1	-0.2%
20.0%	64.3	64.1	-0.2	-0.4%
21.3%	64.3	64.1	-0.2	-0.3%
22.5%	64.2	64.0	-0.2	-0.4%
23.8%	64.2	63.9	-0.3	-0.5%
25.0%	64.2	63.8	-0.3	-0.5%
26.3%	64.0	63.8	-0.3	-0.4%
27.5%	63.7	63.5	-0.2	-0.4%
28.8%	63.7	63.0	-0.6	-1.0%
30.0%	63.6	63.0	-0.6	-0.9%
31.3%	63.6	62.8	-0.8	-1.2%
32.5%	63.5	62.8	-0.8	-1.2%
33.8%	63.5	62.5	-0.9	-1.5%
35.0%	63.4	62.4	-1.0	-1.5%
36.3%	63.3	62.3	-1.0	-1.6%
37.5%	63.3	62.3	-1.0	-1.6%
38.8%	63.3	62.2	-1.1	-1.8%
40.0%	63.3	62.1	-1.1	-1.8%
41.3%	62.8	62.1	-0.7	-1.2%
42.5%	62.8	62.0	-0.8	-1.3%
43.8%	62.7	62.0	-0.7	-1.1%
45.0%	62.6	62.0	-0.7	-1.1%
46.3%	62.3	61.8	-0.5	-0.8%
47.5%	62.3	61.8	-0.4	-0.7%
48.8%	62.3	61.8	-0.4	-0.7%
50.0%	62.2	61.8	-0.4	-0.7%
51.3%	62.2	61.7	-0.5	-0.7%
52.5%	62.2	61.7	-0.5	-0.9%
53.8%	62.1	61.5	-0.6	-0.9%
55.0%	62.0	61.5	-0.5	-0.8%
56.3%	61.8	61.5	-0.4	-0.6%
57.5%	61.8	61.5	-0.3	-0.5%
58.8%	61.6	61.5	-0.1	-0.2%
60.0%	61.5	61.4	-0.1	-0.2%
61.3%	61.5	61.3	-0.1	-0.2%
62.5%	61.4	61.3	0.0	0.0%
63.8%	61.3	61.3	0.0	0.0%
65.0%	61.3	61.3	0.0	0.0%
66.3%	61.2	61.2	0.0	0.0%
67.5%	61.2	61.2	0.0	0.0%
68.8%	61.2	61.1	0.0	-0.1%
70.0%	61.2	61.1	0.0	-0.1%
71.3%	61.1	61.1	0.0	-0.1%
72.5%	61.1	61.1	0.0	0.0%
73.8%	61.1	61.1	0.0	0.0%
75.0%	61.1	61.0	0.0	0.0%
76.3%	61.0	61.0	0.0	0.0%
77.5%	61.0	61.0	0.0	0.0%
78.8%	61.0	60.9	0.0	0.0%
80.0%	60.9	60.9	0.0	0.0%
81.3%	60.9	60.9	0.0	0.0%
82.5%	60.9	60.9	0.0	0.0%
83.8%	60.9	60.8	0.0	0.0%
85.0%	60.8	60.8	0.0	0.0%
86.3%	60.8	60.8	0.0	0.0%
87.5%	60.7	60.7	-0.1	-0.1%
88.8%	60.6	60.6	0.0	0.0%
90.0%	60.6	60.5	0.0	0.0%
91.3%	60.5	60.4	-0.1	-0.2%
92.5%	60.4	60.3	-0.1	-0.1%
93.8%	60.4	60.1	-0.2	-0.4%
95.0%	60.2	60.0	-0.2	-0.4%
96.3%	60.1	60.0	-0.1	-0.2%
97.5%	59.6	59.7	0.1	0.2%
98.8%	59.5	59.2	-0.4	-0.6%
100.0%	59.2	58.7	-0.5	-0.9%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	58.8	58.8	0.0	0.1%
1.3%	58.5	58.4	-0.1	-0.2%
2.5%	58.4	58.3	-0.1	-0.1%
3.8%	58.3	58.3	-0.1	-0.2%
5.0%	58.3	58.2	-0.1	-0.2%
6.3%	58.2	58.2	0.0	-0.1%
7.5%	58.0	58.2	0.1	0.2%
8.8%	58.0	58.1	0.1	0.2%
10.0%	58.0	58.0	0.1	0.1%
11.3%	57.9	58.0	0.0	0.1%
12.5%	57.9	58.0	0.1	0.2%
13.8%	57.9	57.8	0.0	0.0%
15.0%	57.8	57.8	0.0	0.0%
16.3%	57.7	57.8	0.1	0.1%
17.5%	57.6	57.6	0.0	0.0%
18.8%	57.5	57.6	0.1	0.1%
20.0%	57.5	57.5	0.0	0.0%
21.3%	57.5	57.4	-0.1	-0.1%
22.5%	57.5	57.4	-0.1	-0.1%
23.8%	57.5	57.3	-0.1	-0.2%
25.0%	57.4	57.3	-0.1	-0.2%
26.3%	57.4	57.3	-0.1	-0.2%
27.5%	57.3	57.3	0.0	-0.1%
28.8%	57.3	57.3	0.0	-0.1%
30.0%	57.3	57.2	-0.1	-0.2%
31.3%	57.3	57.2	0.0	-0.1%
32.5%	57.2	57.2	-0.1	-0.1%
33.8%	57.2	57.2	0.0	-0.1%
35.0%	57.2	57.1	-0.1	-0.1%
36.3%	57.2	57.1	-0.1	-0.1%
37.5%	57.2	57.1	-0.1	-0.2%
38.8%	57.2	57.0	-0.1	-0.2%
40.0%	57.1	57.0	0.0	-0.1%
41.3%	57.1	57.0	0.0	-0.1%
42.5%	57.0	57.0	-0.1	-0.1%
43.8%	57.0	57.0	-0.1	-0.1%
45.0%	57.0	57.0	0.0	-0.1%
46.3%	56.9	56.9	0.0	0.0%
47.5%	56.9	56.9	0.0	0.0%
48.8%	56.9	56.9	0.0	0.0%
50.0%	56.8	56.9	0.0	0.0%
51.3%	56.8	56.9	0.0	0.1%
52.5%	56.8	56.8	0.0	0.1%
53.8%	56.8	56.8	0.0	0.1%
55.0%	56.8	56.8	0.0	0.0%
56.3%	56.8	56.7	0.0	-0.1%
57.5%	56.7	56.7	-0.1	-0.1%
58.8%	56.5	56.5	0.1	0.1%
60.0%	56.5	56.5	0.1	0.1%
61.3%	56.4	56.5	0.1	0.2%
62.5%	56.4	56.4	0.0	0.0%
63.8%	56.4	56.4	0.0	0.0%
65.0%	56.4	56.4	0.0	0.0%
66.3%	56.4	56.4	0.0	0.0%
67.5%	56.4	56.4	0.0	0.0%
68.8%	56.4	56.4	0.0	0.0%
70.0%	56.3	56.4	0.1	0.1%
71.3%	56.3	56.4	0.1	0.1%
72.5%	56.2	56.3	0.1	0.2%
73.8%	56.2	56.3	0.1	0.2%
75.0%	56.1	56.3	0.2	0.3%
76.3%	56.1	56.2	0.1	0.2%
77.5%	56.1	56.0	-0.1	-0.1%
78.8%	56.1	56.0	-0.1	-0.1%
80.0%	56.0	55.9	-0.1	-0.2%
81.3%	55.9	55.9	-0.1	-0.1%
82.5%	55.7	55.8	0.1	0.1%
83.8%	55.7	55.6	-0.1	-0.2%
85.0%	55.6	55.4	-0.1	-0.3%
86.3%	55.5	55.4	-0.1	-0.2%
87.5%	55.4	55.3	0.0	-0.1%
88.8%	55.2	55.3	0.1	0.2%
90.0%	55.2	55.2	0.0	0.1%
91.3%	55.1	55.2	0.1	0.2%
92.5%	55.0	55.0	0.0	-0.1%
93.8%	54.9	54.9	-0.1	-0.1%
95.0%	54.9	54.8	-0.1	-0.1%
96.3%	54.6	54.7	0.0	0.1%
97.5%	53.8	54.0	0.1	0.3%
98.8%	53.3	53.3	0.0	0.0%
100.0%	53.2	53.1	0.0	0.0%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.5	53.7	0.2	0.3%
1.3%	53.2	53.1	-0.1	-0.2%
2.5%	53.0	52.9	-0.1	-0.2%
3.8%	52.9	52.6	-0.2	-0.4%
5.0%	52.4	52.6	0.2	0.3%
6.3%	52.4	52.5	0.1	0.2%
7.5%	52.2	52.4	0.2	0.3%
8.8%	52.1	52.1	-0.1	-0.1%
10.0%	52.1	52.1	-0.1	-0.1%
11.3%	52.0	52.0	0.0	-0.1%
12.5%	51.9	52.0	0.1	0.2%
13.8%	51.8	52.0	0.1	0.3%
15.0%	51.8	51.7	-0.1	-0.1%
16.3%	51.7	51.7	0.0	0.0%
17.5%	51.7	51.6	0.0	-0.1%
18.8%	51.5	51.6	0.0	0.1%
20.0%	51.5	51.5	0.0	0.0%
21.3%	51.5	51.5	0.0	0.1%
22.5%	51.5	51.5	0.0	0.1%
23.8%	51.4	51.5	0.1	0.2%
25.0%	51.3	51.4	0.0	0.0%
26.3%	51.2	51.3	0.1	0.2%
27.5%	51.2	51.3	0.1	0.2%
28.8%	51.2	51.3	0.1	0.2%
30.0%	51.1	51.1	0.0	0.0%
31.3%	51.1	51.1	0.0	0.0%
32.5%	51.0	51.1	0.1	0.1%
33.8%	51.0	51.0	0.0	0.1%
35.0%	50.9	51.0	0.1	0.2%
36.3%	50.9	51.0	0.1	0.3%
37.5%	50.8	50.9	0.1	0.2%
38.8%	50.8	50.9	0.1	0.2%
40.0%	50.8	50.9	0.1	0.1%
41.3%	50.8	50.9	0.1	0.2%
42.5%	50.8	50.9	0.1	0.2%
43.8%	50.8	50.9	0.1	0.3%
45.0%	50.8	50.9	0.1	0.2%
46.3%	50.7	50.8	0.1	0.2%
47.5%	50.7	50.8	0.2	0.3%
48.8%	50.6	50.8	0.2	0.4%
50.0%	50.6	50.8	0.2	0.3%
51.3%	50.6	50.7	0.1	0.3%
52.5%	50.6	50.7	0.1	0.3%
53.8%	50.6	50.7	0.1	0.3%
55.0%	50.5	50.7	0.2	0.3%
56.3%	50.5	50.7	0.2	0.4%
57.5%	50.5	50.6	0.2	0.3%
58.8%	50.4	50.6	0.2	0.4%
60.0%	50.4	50.4	0.1	0.1%
61.3%	50.3	50.4	0.1	0.2%
62.5%	50.3	50.4	0.1	0.2%
63.8%	50.3	50.3	0.0	0.0%
65.0%	50.2	50.2	0.0	0.0%
66.3%	50.2	50.1	-0.1	-0.2%
67.5%	50.2	50.1	0.0	-0.1%
68.8%	50.1	49.9	-0.2	-0.3%
70.0%	49.9	49.8	-0.1	-0.3%
71.3%	49.8	49.8	0.0	-0.1%
72.5%	49.8	49.8	0.0	-0.1%
73.8%	49.7	49.7	0.1	0.1%
75.0%	49.6	49.7	0.1	0.2%
76.3%	49.6	49.7	0.1	0.2%
77.5%	49.5	49.6	0.1	0.2%
78.8%	49.5	49.6	0.1	0.2%
80.0%	49.5	49.6	0.1	0.2%
81.3%	49.4	49.6	0.2	0.4%
82.5%	49.4	49.5	0.1	0.3%
83.8%	49.3	49.5	0.2	0.4%
85.0%	49.2	49.4	0.2	0.5%
86.3%	49.1	49.4	0.3	0.7%
87.5%	48.9	49.3	0.5	1.0%
88.8%	48.8	49.1	0.3	0.6%
90.0%	48.5	48.9	0.4	0.7%
91.3%	48.5	48.8	0.3	0.7%
92.5%	48.5	48.6	0.1	0.2%
93.8%	48.4	48.5	0.0	0.0%
95.0%	48.4	48.4	0.0	0.1%
96.3%	48.2	48.0	-0.1	-0.3%
97.5%	48.0	47.7	-0.3	-0.6%
98.8%	46.3	47.1	0.8	1.6%
100.0%	46.2	46.7	0.5	1.1%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.6	50.7	0.0	0.1%
1.3%	50.0	50.1	0.1	0.1%
2.5%	49.5	49.5	0.1	0.2%
3.8%	49.3	49.3	0.0	0.1%
5.0%	49.2	49.3	0.0	0.1%
6.3%	49.2	49.2	0.0	-0.1%
7.5%	49.1	49.1	0.0	0.0%
8.8%	49.1	49.1	0.0	0.0%
10.0%	49.0	49.0	0.0	0.0%
11.3%	49.0	49.0	0.0	-0.1%
12.5%	49.0	49.0	0.0	0.0%
13.8%	48.8	48.8	0.0	0.0%
15.0%	48.7	48.8	0.1	0.2%
16.3%	48.7	48.8	0.1	0.2%
17.5%	48.5	48.7	0.2	0.3%
18.8%	48.5	48.6	0.1	0.1%
20.0%	48.5	48.6	0.1	0.2%
21.3%	48.4	48.5	0.2	0.3%
22.5%	48.4	48.5	0.2	0.3%
23.8%	48.3	48.5	0.2	0.4%
25.0%	48.2	48.3	0.1	0.2%
26.3%	48.2	48.2	0.0	0.1%
27.5%	48.2	48.2	0.0	0.1%
28.8%	48.1	48.2	0.0	0.1%
30.0%	48.1	48.1	0.0	0.1%
31.3%	48.1	48.1	0.1	0.1%
32.5%	48.0	48.1	0.0	0.1%
33.8%	48.0	48.1	0.0	0.1%
35.0%	48.0	48.0	0.0	0.0%
36.3%	48.0	48.0	0.0	0.1%
37.5%	47.9	47.9	0.0	-0.1%
38.8%	47.9	47.8	0.0	0.0%
40.0%	47.8	47.8	0.0	0.0%
41.3%	47.8	47.8	0.0	0.0%
42.5%	47.7	47.8	0.0	0.0%
43.8%	47.5	47.6	0.1	0.1%
45.0%	47.5	47.6	0.1	0.1%
46.3%	47.4	47.5	0.1	0.3%
47.5%	47.3	47.5	0.2	0.4%
48.8%	47.3	47.3	0.0	0.1%
50.0%	47.3	47.3	0.0	0.1%
51.3%	47.3	47.3	0.0	0.0%
52.5%	47.3	47.3	0.0	0.1%
53.8%	47.2	47.3	0.0	0.0%
55.0%	47.2	47.2	0.0	0.0%
56.3%	47.2	47.2	-0.1	-0.1%
57.5%	47.2	47.2	0.0	0.0%
58.8%	47.2	47.1	-0.1	-0.2%
60.0%	47.1	47.0	-0.1	-0.2%
61.3%	47.0	47.0	0.0	0.0%
62.5%	47.0	47.0	0.0	-0.1%
63.8%	47.0	47.0	0.0	0.0%
65.0%	47.0	46.9	0.0	-0.1%
66.3%	46.9	46.9	0.0	0.1%
67.5%	46.9	46.9	0.1	0.1%
68.8%	46.8	46.9	0.0	0.1%
70.0%	46.8	46.9	0.0	0.1%
71.3%	46.7	46.9	0.2	0.3%
72.5%	46.6	46.8	0.2	0.3%
73.8%	46.5	46.8	0.2	0.4%
75.0%	46.5	46.7	0.2	0.3%
76.3%	46.3	46.6	0.3	0.6%
77.5%	46.3	46.5	0.3	0.5%
78.8%	46.2	46.5	0.3	0.6%
80.0%	46.2	46.4	0.2	0.3%
81.3%	46.1	46.3	0.2	0.4%
82.5%	46.1	46.3	0.2	0.3%
83.8%	46.1	46.3	0.1	0.3%
85.0%	46.1	46.3	0.2	0.3%
86.3%	46.0	46.2	0.3	0.5%
87.5%	46.0	46.2	0.2	0.5%
88.8%	45.9	45.9	0.0	0.0%
90.0%	45.9	45.9	0.0	0.0%
91.3%	45.6	45.8	0.2	0.4%
92.5%	45.6	45.7	0.1	0.2%
93.8%	45.5	45.5	0.0	0.1%
95.0%	45.4	45.5	0.0	0.1%
96.3%	45.3	45.4	0.2	0.4%
97.5%	45.2	45.4	0.2	0.4%
98.8%	45.1	45.3	0.1	0.2%
100.0%	44.6	44.3	-0.3	-0.6%

Table SQ-41-3b

American River at the Mouth, Monthly Temperature

Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	52.7	52.6	-0.1	-0.1%
1.3%	52.4	52.3	-0.1	-0.2%
2.5%	52.2	52.3	0.0	0.0%
3.8%	52.1	52.1	0.0	0.0%
5.0%	52.1	52.1	0.0	0.0%
6.3%	51.8	52.0	0.2	0.4%
7.5%	51.7	51.8	0.1	0.3%
8.8%	51.6	51.8	0.2	0.4%
10.0%	51.5	51.7	0.2	0.4%
11.3%	51.5	51.7	0.2	0.4%
12.5%	51.4	51.5	0.2	0.3%
13.8%	51.3	51.5	0.2	0.5%
15.0%	51.3	51.5	0.3	0.5%
16.3%	51.2	51.4	0.2	0.4%
17.5%	51.2	51.3	0.1	0.2%
18.8%	51.2	51.2	0.0	0.1%
20.0%	51.2	51.2	0.0	0.0%
21.3%	51.1	51.1	0.0	-0.1%
22.5%	50.8	51.0	0.3	0.5%
23.8%	50.6	50.7	0.1	0.2%
25.0%	50.5	50.6	0.1	0.1%
26.3%	50.5	50.6	0.1	0.2%
27.5%	50.5	50.5	0.0	0.1%
28.8%	50.5	50.5	0.0	0.1%
30.0%	50.4	50.5	0.1	0.1%
31.3%	50.4	50.5	0.1	0.2%
32.5%	50.3	50.4	0.1	0.2%
33.8%	50.3	50.4	0.1	0.2%
35.0%	50.3	50.4	0.1	0.2%
36.3%	50.3	50.3	0.1	0.1%
37.5%	50.2	50.3	0.0	0.1%
38.8%	50.2	50.3	0.0	0.1%
40.0%	50.2	50.2	0.0	0.1%
41.3%	50.2	50.2	0.0	0.0%
42.5%	50.2	50.2	0.0	0.0%
43.8%	50.2	50.2	0.0	0.0%
45.0%	50.1	50.1	0.0	0.0%
46.3%	50.1	50.0	-0.1	-0.3%
47.5%	50.0	49.8	-0.2	-0.5%
48.8%	50.0	49.8	-0.2	-0.4%
50.0%	49.9	49.8	-0.1	-0.2%
51.3%	49.8	49.8	0.0	0.0%
52.5%	49.8	49.7	-0.1	-0.2%
53.8%	49.8	49.7	-0.1	-0.3%
55.0%	49.8	49.7	-0.1	-0.2%
56.3%	49.7	49.6	-0.1	-0.2%
57.5%	49.6	49.5	-0.1	-0.2%
58.8%	49.5	49.4	-0.1	-0.2%
60.0%	49.5	49.4	-0.1	-0.2%
61.3%	49.4	49.3	0.0	-0.1%
62.5%	49.3	49.3	0.0	0.1%
63.8%	49.2	49.3	0.1	0.2%
65.0%	49.1	49.2	0.1	0.2%
66.3%	49.0	49.1	0.1	0.1%
67.5%	49.0	49.0	0.1	0.1%
68.8%	48.9	49.0	0.1	0.1%
70.0%	48.9	48.9	0.0	0.1%
71.3%	48.8	48.9	0.0	0.1%
72.5%	48.7	48.8	0.2	0.3%
73.8%	48.7	48.8	0.1	0.3%
75.0%	48.6	48.8	0.1	0.3%
76.3%	48.6	48.6	0.0	0.1%
77.5%	48.5	48.5	0.0	0.0%
78.8%	48.3	48.3	0.0	0.1%
80.0%	48.3	48.3	0.0	0.0%
81.3%	48.3	48.3	0.0	0.1%
82.5%	48.2	48.2	0.0	0.0%
83.8%	48.2	48.2	0.0	0.0%
85.0%	48.1	48.2	0.1	0.1%
86.3%	48.1	48.1	0.0	0.0%
87.5%	48.0	48.0	0.0	0.1%
88.8%	47.8	48.0	0.2	0.4%
90.0%	47.8	47.8	0.0	0.0%
91.3%	47.4	47.4	0.0	0.0%
92.5%	47.4	47.3	-0.1	-0.2%
93.8%	47.2	47.3	0.0	0.1%
95.0%	47.2	47.3	0.1	0.1%
96.3%	47.1	46.7	-0.4	-0.8%
97.5%	46.8	46.7	-0.1	-0.3%
98.8%	46.6	46.6	0.0	0.1%
100.0%	46.3	46.5	0.3	0.6%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	57.9	58.9	1.0	1.7%
1.3%	57.8	58.1	0.3	0.5%
2.5%	57.6	57.9	0.3	0.6%
3.8%	57.2	57.1	-0.1	-0.1%
5.0%	56.9	57.0	0.1	0.2%
6.3%	56.7	56.5	-0.1	-0.2%
7.5%	56.6	56.2	-0.4	-0.7%
8.8%	56.4	56.1	-0.3	-0.5%
10.0%	55.9	56.0	0.1	0.1%
11.3%	55.8	56.0	0.1	0.2%
12.5%	55.8	55.8	-0.1	-0.1%
13.8%	55.6	55.7	0.1	0.1%
15.0%	55.4	55.7	0.2	0.4%
16.3%	55.4	55.6	0.2	0.3%
17.5%	55.4	55.5	0.1	0.3%
18.8%	55.3	55.3	0.1	0.1%
20.0%	55.2	55.3	0.1	0.1%
21.3%	55.2	55.3	0.1	0.1%
22.5%	55.1	55.1	0.0	0.1%
23.8%	55.0	55.1	0.0	0.1%
25.0%	54.9	55.0	0.1	0.2%
26.3%	54.9	54.9	0.0	-0.1%
27.5%	54.9	54.9	0.0	0.0%
28.8%	54.9	54.8	-0.1	-0.1%
30.0%	54.9	54.8	-0.1	-0.1%
31.3%	54.8	54.8	-0.1	-0.1%
32.5%	54.8	54.7	0.0	-0.1%
33.8%	54.8	54.6	-0.2	-0.3%
35.0%	54.7	54.6	-0.1	-0.2%
36.3%	54.6	54.5	-0.1	-0.1%
37.5%	54.5	54.5	0.0	-0.1%
38.8%	54.5	54.4	-0.1	-0.2%
40.0%	54.5	54.2	-0.3	-0.5%
41.3%	54.3	54.2	-0.1	-0.2%
42.5%	54.1	54.2	0.1	0.1%
43.8%	53.9	54.1	0.3	0.5%
45.0%	53.8	54.1	0.3	0.5%
46.3%	53.8	54.1	0.4	0.7%
47.5%	53.7	54.0	0.3	0.5%
48.8%	53.7	53.8	0.1	0.2%
50.0%	53.7	53.8	0.1	0.2%
51.3%	53.7	53.7	0.0	0.1%
52.5%	53.6	53.7	0.1	0.2%
53.8%	53.6	53.6	0.0	0.0%
55.0%	53.6	53.5	0.0	-0.1%
56.3%	53.5	53.5	0.0	0.0%
57.5%	53.5	53.5	0.0	-0.1%
58.8%	53.5	53.5	0.0	0.0%
60.0%	53.5	53.5	0.0	0.0%
61.3%	53.4	53.5	0.1	0.1%
62.5%	53.2	53.5	0.2	0.4%
63.8%	53.2	53.4	0.2	0.4%
65.0%	53.1	53.3	0.2	0.3%
66.3%	53.1	53.2	0.1	0.2%
67.5%	52.9	53.1	0.2	0.5%
68.8%	52.9	53.1	0.2	0.5%
70.0%	52.8	53.1	0.3	0.5%
71.3%	52.8	53.1	0.3	0.5%
72.5%	52.8	53.0	0.2	0.5%
73.8%	52.7	52.9	0.2	0.4%
75.0%	52.7	52.8	0.1	0.2%
76.3%	52.7	52.8	0.1	0.2%
77.5%	52.6	52.7	0.1	0.2%
78.8%	52.6	52.7	0.0	0.1%
80.0%	52.6	52.5	-0.1	-0.2%
81.3%	52.4	52.4	0.0	0.0%
82.5%	52.4	52.4	0.0	0.0%
83.8%	52.3	52.4	0.1	0.1%
85.0%	52.2	52.3	0.1	0.2%
86.3%	52.1	52.2	0.1	0.1%
87.5%	52.1	52.0	-0.1	-0.2%
88.8%	51.9	51.9	0.0	0.0%
90.0%	51.8	51.5	-0.3	-0.5%
91.3%	51.5	51.5	0.0	-0.1%
92.5%	51.5	51.5	0.0	-0.1%
93.8%	51.5	51.3	-0.2	-0.3%
95.0%	51.2	51.3	0.0	0.1%
96.3%	51.2	51.2	0.0	0.0%
97.5%	50.9	51.1	0.2	0.4%
98.8%	50.8	50.9	0.0	0.1%
100.0%	50.5	50.5	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	64.4	65.3	0.9	1.3%
1.3%	64.0	62.7	-1.3	-2.1%
2.5%	61.4	61.5	0.1	0.1%
3.8%	61.3	61.2	-0.1	-0.1%
5.0%	61.2	61.2	0.0	0.0%
6.3%	60.9	60.8	-0.1	-0.2%
7.5%	60.3	60.5	0.2	0.3%
8.8%	60.1	60.5	0.4	0.6%
10.0%	59.8	60.3	0.5	0.8%
11.3%	59.8	60.3	0.5	0.8%
12.5%	59.6	60.1	0.5	0.8%
13.8%	59.6	59.8	0.3	0.4%
15.0%	59.5	59.8	0.3	0.5%
16.3%	59.5	59.8	0.3	0.5%
17.5%	59.5	59.6	0.2	0.3%
18.8%	59.5	59.6	0.1	0.2%
20.0%	59.4	59.5	0.1	0.2%
21.3%	59.3	59.5	0.1	0.3%
22.5%	59.3	59.4	0.2	0.3%
23.8%	59.0	59.4	0.4	0.7%
25.0%	58.9	59.2	0.3	0.5%
26.3%	58.9	59.1	0.2	0.4%
27.5%	58.8	59.0	0.2	0.3%
28.8%	58.8	59.0	0.2	0.4%
30.0%	58.8	59.0	0.2	0.4%
31.3%	58.6	58.9	0.3	0.6%
32.5%	58.5	58.8	0.3	0.5%
33.8%	58.4	58.5	0.1	0.2%
35.0%	58.4	58.5	0.1	0.2%
36.3%	58.1	58.4	0.3	0.5%
37.5%	58.1	58.3	0.2	0.4%
38.8%	57.9	58.2	0.3	0.5%
40.0%	57.8	58.0	0.2	0.3%
41.3%	57.8	57.9	0.2	0.3%
42.5%	57.5	57.9	0.4	0.6%
43.8%	57.5	57.9	0.4	0.6%
45.0%	57.5	57.8	0.3	0.5%
46.3%	57.5	57.8	0.3	0.6%
47.5%	57.4	57.5	0.0	0.1%
48.8%	57.4	57.5	0.1	0.1%
50.0%	57.3	57.4	0.1	0.1%
51.3%	57.3	57.4	0.1	0.2%
52.5%	57.2	57.3	0.2	0.3%
53.8%	57.1	57.3	0.2	0.4%
55.0%	57.1	57.3	0.3	0.4%
56.3%	57.0	57.3	0.3	0.5%
57.5%	57.0	57.2	0.2	0.4%
58.8%	57.0	57.1	0.1	0.2%
60.0%	56.8	56.9	0.1	0.3%
61.3%	56.7	56.9	0.1	0.2%
62.5%	56.7	56.8	0.0	0.1%
63.8%	56.7	56.8	0.1	0.2%
65.0%	56.6	56.7	0.1	0.2%
66.3%	56.6	56.6	0.0	0.0%
67.5%	56.6	56.5	0.0	0.0%
68.8%	56.5	56.5	0.1	0.1%
70.0%	56.4	56.5	0.1	0.1%
71.3%	56.3	56.4	0.1	0.2%
72.5%	56.3	56.3	0.0	0.1%
73.8%	56.3	56.3	0.0	0.0%
75.0%	56.2	56.2	0.0	0.0%
76.3%	56.1	56.1	0.0	0.0%
77.5%	56.0	56.1	0.1	0.2%
78.8%	56.0	56.1	0.1	0.2%
80.0%	55.9	55.9	0.0	0.1%
81.3%	55.8	55.9	0.0	0.1%
82.5%	55.7	55.7	0.0	0.0%
83.8%	55.7	55.7	0.0	0.0%
85.0%	55.5	55.5	0.0	0.0%
86.3%	55.2	55.4	0.2	0.4%
87.5%	55.2	55.2	0.1	0.1%
88.8%	55.1	55.2	0.0	0.1%
90.0%	55.1	55.1	0.1	0.1%
91.3%	55.0	55.0	-0.1	-0.1%
92.5%	55.0	54.9	-0.1	-0.2%
93.8%	54.7	54.8	0.1	0.3%
95.0%	54.6	54.5	-0.1	-0.2%
96.3%	54.4	54.3	-0.1	-0.2%
97.5%	54.4	54.3	-0.1	-0.3%
98.8%	54.3	54.0	-0.3	-0.6%
100.0%	53.8	53.8	0.0	-0.1%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	71.5	70.0	-1.5	-2.1%
1.3%	71.3	69.2	-2.1	-2.9%
2.5%	69.7	68.0	-1.7	-2.4%
3.8%	67.2	68.0	0.8	1.2%
5.0%	66.0	66.4	0.4	0.6%
6.3%	65.7	65.9	0.3	0.4%
7.5%	65.4	64.9	-0.4	-0.7%
8.8%	65.1	64.9	-0.2	-0.2%
10.0%	64.9	64.7	-0.2	-0.4%
11.3%	64.3	64.6	0.3	0.5%
12.5%	64.3	64.6	0.3	0.5%
13.8%	64.0	64.5	0.5	0.8%
15.0%	63.8	64.4	0.6	1.0%
16.3%	63.6	63.9	0.3	0.4%
17.5%	63.5	63.8	0.3	0.6%
18.8%	63.5	63.7	0.3	0.4%
20.0%	63.2	63.5	0.4	0.6%
21.3%	63.0	63.3	0.3	0.4%
22.5%	63.0	63.3	0.2	0.4%
23.8%	62.9	63.1	0.1	0.2%
25.0%	62.9	62.9	0.0	0.1%
26.3%	62.7	62.7	0.0	0.0%
27.5%	62.7	62.7	0.0	0.0%
28.8%	62.6	62.6	0.0	0.0%
30.0%	62.4	62.3	-0.1	-0.1%
31.3%	62.4	62.3	-0.1	-0.1%
32.5%	62.4	62.2	-0.1	-0.2%
33.8%	62.1	62.1	0.1	0.1%
35.0%	62.1	62.1	0.0	0.0%
36.3%	61.8	61.8	0.0	-0.1%
37.5%	61.8	61.5	-0.2	-0.4%
38.8%	61.4	61.5	0.1	0.1%
40.0%	60.9	61.1	0.2	0.3%
41.3%	60.7	60.6	-0.1	-0.2%
42.5%	60.6	60.2	-0.4	-0.7%
43.8%	60.3	60.2	-0.2	-0.3%
45.0%	60.1	60.1	0.0	0.0%
46.3%	60.1	60.1	0.0	0.0%
47.5%	60.1	60.1	0.0	0.0%
48.8%	60.0	60.0	0.0	0.0%
50.0%	59.8	59.9	0.1	0.3%
51.3%	59.7	59.8	0.1	0.2%
52.5%	59.7	59.8	0.1	0.1%
53.8%	59.7	59.6	-0.1	-0.2%
55.0%	59.4	59.4	0.0	0.0%
56.3%	59.2	59.4	0.1	0.2%
57.5%	59.2	59.3	0.1	0.2%
58.8%	59.1	59.2	0.0	0.1%
60.0%	59.0	59.0	0.0	0.0%
61.3%	58.9	59.0	0.1	0.2%
62.5%	58.8	58.9	0.1	0.2%
63.8%	58.8	58.8	0.0	0.0%
65.0%	58.7	58.8	0.0	0.0%
66.3%	58.7	58.7	0.0	0.0%
67.5%	58.7	58.7	0.0	0.0%
68.8%	58.4	58.6	0.2	0.3%
70.0%	58.4	58.6	0.2	0.4%
71.3%	58.3	58.5	0.2	0.3%
72.5%	58.3	58.5	0.1	0.2%
73.8%	58.3	58.5	0.2	0.3%
75.0%	58.1	58.3	0.2	0.4%
76.3%	58.1	58.2	0.1	0.1%
77.5%	58.1	58.2	0.0	0.1%
78.8%	58.1	58.1	0.1	0.1%
80.0%	58.1	58.1	0.0	0.1%
81.3%	58.0	58.1	0.1	0.2%
82.5%	57.9	58.1	0.2	0.4%
83.8%	57.8	58.0	0.2	0.3%
85.0%	57.8	57.9	0.2	0.3%
86.3%	57.6	57.7	0.1	0.2%
87.5%	57.6	57.7	0.1	0.2%
88.8%	57.2	57.6	0.4	0.7%
90.0%	57.1	57.5	0.4	0.8%
91.3%	57.0	57.2	0.2	0.4%
92.5%	57.0	57.1	0.1	0.2%
93.8%	56.7	56.8	0.0	0.1%
95.0%	56.7	56.7	0.0	0.0%
96.3%	56.4	56.4	0.0	0.0%
97.5%	56.3	56.1	-0.2	-0.4%
98.8%	56.2	55.6	-0.6	-1.0%
100.0%	55.4	55.3	-0.1	-0.1%

Table SQ-41-3b

American River at the Mouth, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	76.0	75.3	-0.7	-1.0%
1.3%	73.8	74.2	0.4	0.5%
2.5%	73.1	72.5	-0.6	-0.9%
3.8%	72.0	70.5	-1.5	-2.1%
5.0%	70.5	69.3	-1.2	-1.7%
6.3%	67.3	68.4	1.1	1.6%
7.5%	67.1	67.8	0.7	1.1%
8.8%	67.1	67.0	-0.1	-0.1%
10.0%	67.1	67.0	-0.1	-0.1%
11.3%	66.9	67.0	0.1	0.2%
12.5%	66.9	66.8	-0.1	-0.1%
13.8%	66.8	66.8	0.0	-0.1%
15.0%	66.7	66.7	0.0	0.0%
16.3%	66.5	66.5	0.0	0.0%
17.5%	66.4	66.5	0.1	0.2%
18.8%	66.3	66.5	0.1	0.2%
20.0%	66.3	66.4	0.1	0.1%
21.3%	66.3	66.4	0.2	0.2%
22.5%	66.0	66.3	0.3	0.5%
23.8%	66.0	66.2	0.2	0.3%
25.0%	65.6	66.0	0.4	0.6%
26.3%	65.4	65.8	0.4	0.6%
27.5%	65.4	65.5	0.1	0.1%
28.8%	65.2	65.5	0.3	0.4%
30.0%	65.2	65.2	0.0	0.0%
31.3%	65.1	64.7	-0.4	-0.7%
32.5%	64.9	64.7	-0.2	-0.3%
33.8%	64.3	64.6	0.3	0.5%
35.0%	64.3	64.2	0.0	-0.1%
36.3%	64.1	64.2	0.1	0.2%
37.5%	64.0	63.8	-0.2	-0.2%
38.8%	63.7	63.8	0.0	0.1%
40.0%	63.7	63.6	-0.1	-0.1%
41.3%	63.5	63.6	0.0	0.1%
42.5%	63.4	63.5	0.1	0.2%
43.8%	63.4	63.5	0.1	0.2%
45.0%	63.3	63.5	0.1	0.2%
46.3%	63.1	63.4	0.3	0.5%
47.5%	63.0	63.3	0.3	0.5%
48.8%	63.0	63.2	0.2	0.4%
50.0%	62.9	63.1	0.3	0.4%
51.3%	62.8	63.1	0.3	0.4%
52.5%	62.7	63.0	0.3	0.5%
53.8%	62.5	62.8	0.2	0.4%
55.0%	62.5	62.7	0.2	0.4%
56.3%	62.5	62.6	0.2	0.3%
57.5%	62.4	62.4	0.0	-0.1%
58.8%	62.3	62.2	0.0	0.0%
60.0%	62.0	62.2	0.2	0.3%
61.3%	62.0	62.2	0.2	0.2%
62.5%	62.0	62.1	0.1	0.2%
63.8%	61.8	62.0	0.2	0.3%
65.0%	61.8	61.9	0.1	0.2%
66.3%	61.7	61.9	0.2	0.3%
67.5%	61.7	61.8	0.1	0.2%
68.8%	61.7	61.8	0.1	0.2%
70.0%	61.7	61.7	0.0	0.0%
71.3%	61.6	61.6	0.0	0.0%
72.5%	61.6	61.5	-0.1	-0.1%
73.8%	61.5	61.5	0.0	0.0%
75.0%	61.5	61.5	0.0	0.0%
76.3%	61.2	61.4	0.2	0.3%
77.5%	61.1	61.3	0.1	0.2%
78.8%	60.9	60.9	0.0	0.0%
80.0%	60.7	60.8	0.1	0.1%
81.3%	60.7	60.7	0.0	0.0%
82.5%	60.7	60.7	0.0	0.0%
83.8%	60.7	60.7	0.0	0.0%
85.0%	60.6	60.6	0.0	0.0%
86.3%	60.6	60.6	0.0	0.1%
87.5%	60.5	60.6	0.1	0.2%
88.8%	60.4	60.5	0.1	0.1%
90.0%	60.3	60.5	0.2	0.3%
91.3%	60.2	60.4	0.2	0.4%
92.5%	60.1	60.0	0.0	-0.1%
93.8%	59.5	60.0	0.5	0.8%
95.0%	59.2	59.2	0.0	-0.1%
96.3%	58.8	58.8	0.0	0.0%
97.5%	58.7	58.6	0.0	-0.1%
98.8%	58.1	57.8	-0.3	-0.4%
100.0%	57.8	57.8	0.0	0.0%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	82.2	82.0	-0.2	-0.2%
1.3%	74.9	75.1	0.2	0.3%
2.5%	74.2	75.0	0.8	1.0%
3.8%	73.8	71.9	-1.8	-2.5%
5.0%	72.8	71.3	-1.5	-2.1%
6.3%	71.9	70.9	-1.1	-1.5%
7.5%	70.5	70.8	0.3	0.4%
8.8%	69.9	70.0	0.1	0.2%
10.0%	69.4	69.8	0.4	0.6%
11.3%	69.4	69.6	0.2	0.3%
12.5%	69.3	69.4	0.1	0.2%
13.8%	69.1	69.3	0.2	0.3%
15.0%	68.7	69.1	0.4	0.6%
16.3%	68.6	67.9	-0.7	-1.0%
17.5%	68.3	67.5	-0.8	-1.2%
18.8%	67.9	67.1	-0.9	-1.3%
20.0%	67.9	67.0	-0.8	-1.3%
21.3%	67.8	67.0	-0.8	-1.2%
22.5%	67.0	66.9	-0.2	-0.3%
23.8%	67.0	66.8	-0.2	-0.3%
25.0%	66.8	66.7	-0.1	-0.1%
26.3%	66.7	66.7	0.0	0.0%
27.5%	66.5	66.7	0.2	0.2%
28.8%	66.4	66.3	-0.1	-0.2%
30.0%	66.3	66.2	-0.1	-0.1%
31.3%	66.3	66.2	-0.1	-0.2%
32.5%	66.2	66.2	0.0	0.0%
33.8%	66.2	66.2	0.0	0.0%
35.0%	66.1	66.1	0.0	0.0%
36.3%	66.0	66.1	0.1	0.2%
37.5%	66.0	66.1	0.1	0.2%
38.8%	65.9	66.1	0.1	0.2%
40.0%	65.9	66.1	0.1	0.2%
41.3%	65.8	66.0	0.2	0.3%
42.5%	65.8	66.0	0.2	0.3%
43.8%	65.8	66.0	0.2	0.3%
45.0%	65.8	65.8	0.0	0.1%
46.3%	65.7	65.8	0.1	0.1%
47.5%	65.7	65.8	0.1	0.2%
48.8%	65.6	65.7	0.1	0.2%
50.0%	65.6	65.7	0.1	0.2%
51.3%	65.5	65.6	0.1	0.2%
52.5%	65.5	65.6	0.1	0.2%
53.8%	65.4	65.6	0.1	0.2%
55.0%	65.4	65.5	0.1	0.2%
56.3%	65.4	65.5	0.1	0.1%
57.5%	65.4	65.5	0.1	0.1%
58.8%	65.4	65.5	0.1	0.1%
60.0%	65.3	65.4	0.1	0.1%
61.3%	65.3	65.4	0.1	0.2%
62.5%	65.2	65.4	0.2	0.3%
63.8%	65.2	65.3	0.2	0.3%
65.0%	65.2	65.3	0.2	0.2%
66.3%	65.1	65.2	0.1	0.2%
67.5%	65.1	65.2	0.1	0.1%
68.8%	65.0	65.1	0.1	0.2%
70.0%	65.0	65.1	0.1	0.2%
71.3%	65.0	65.1	0.1	0.2%
72.5%	65.0	65.1	0.1	0.1%
73.8%	65.0	65.1	0.1	0.2%
75.0%	64.9	65.1	0.2	0.3%
76.3%	64.7	65.1	0.3	0.5%
77.5%	64.7	64.9	0.2	0.3%
78.8%	64.6	64.6	0.0	0.0%
80.0%	64.6	64.6	0.0	-0.1%
81.3%	64.6	64.5	-0.1	-0.1%
82.5%	64.6	64.5	-0.1	-0.1%
83.8%	64.6	64.5	-0.1	-0.1%
85.0%	64.5	64.5	0.0	0.0%
86.3%	64.4	64.4	0.0	0.0%
87.5%	64.3	64.4	0.1	0.2%
88.8%	64.2	64.4	0.2	0.3%
90.0%	64.2	64.3	0.2	0.3%
91.3%	64.1	64.3	0.2	0.2%
92.5%	64.1	64.1	0.0	-0.1%
93.8%	64.0	64.0	0.0	0.0%
95.0%	63.6	63.5	-0.1	-0.1%
96.3%	63.4	63.4	0.0	0.0%
97.5%	63.0	62.9	-0.1	-0.2%
98.8%	61.9	61.9	0.0	0.0%
100.0%	61.7	61.5	-0.2	-0.3%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	82.7	80.8	-1.9	-2.3%
1.3%	78.1	75.2	-2.9	-3.8%
2.5%	75.5	74.0	-1.5	-2.0%
3.8%	74.5	72.2	-2.3	-3.1%
5.0%	73.6	71.8	-1.8	-2.4%
6.3%	73.2	70.9	-2.3	-3.2%
7.5%	71.6	70.7	-0.9	-1.3%
8.8%	71.0	70.7	-0.3	-0.4%
10.0%	70.6	70.3	-0.2	-0.3%
11.3%	70.4	70.3	-0.2	-0.2%
12.5%	70.1	70.0	-0.2	-0.2%
13.8%	69.9	69.8	-0.1	-0.2%
15.0%	69.8	69.7	-0.1	-0.1%
16.3%	69.6	69.7	0.1	0.1%
17.5%	69.5	69.7	0.2	0.2%
18.8%	69.5	69.5	0.0	0.1%
20.0%	68.9	69.5	0.6	0.9%
21.3%	68.5	69.4	0.9	1.3%
22.5%	68.4	68.4	0.0	0.0%
23.8%	68.3	68.1	-0.2	-0.2%
25.0%	68.3	67.7	-0.5	-0.8%
26.3%	68.0	67.6	-0.4	-0.6%
27.5%	67.9	67.6	-0.3	-0.5%
28.8%	67.7	67.4	-0.2	-0.3%
30.0%	67.6	67.4	-0.1	-0.2%
31.3%	67.5	67.4	-0.1	-0.2%
32.5%	67.5	67.4	-0.1	-0.1%
33.8%	67.5	67.4	-0.1	-0.1%
35.0%	67.4	67.4	0.0	0.0%
36.3%	67.4	67.4	0.0	0.0%
37.5%	67.4	67.4	0.0	0.0%
38.8%	67.3	67.3	0.0	0.0%
40.0%	67.3	67.3	0.0	-0.1%
41.3%	67.3	67.2	-0.1	-0.1%
42.5%	67.3	67.2	-0.1	-0.1%
43.8%	67.3	67.2	-0.1	-0.1%
45.0%	67.3	67.2	-0.1	-0.1%
46.3%	67.3	67.2	-0.1	-0.1%
47.5%	67.2	67.2	-0.1	-0.1%
48.8%	67.2	67.1	-0.1	-0.1%
50.0%	67.2	67.1	-0.1	-0.1%
51.3%	67.2	67.0	-0.1	-0.2%
52.5%	67.1	67.0	-0.1	-0.2%
53.8%	67.1	67.0	-0.2	-0.2%
55.0%	67.1	66.9	-0.2	-0.3%
56.3%	67.0	66.9	-0.1	-0.1%
57.5%	66.9	66.8	-0.1	-0.1%
58.8%	66.9	66.8	-0.1	-0.1%
60.0%	66.8	66.8	0.0	0.0%
61.3%	66.7	66.8	0.1	0.1%
62.5%	66.7	66.8	0.1	0.1%
63.8%	66.7	66.8	0.1	0.1%
65.0%	66.7	66.6	-0.1	-0.1%
66.3%	66.6	66.6	0.0	-0.1%
67.5%	66.6	66.5	-0.1	-0.1%
68.8%	66.5	66.5	-0.1	-0.1%
70.0%	66.5	66.5	-0.1	-0.1%
71.3%	66.5	66.4	0.0	0.0%
72.5%	66.4	66.4	-0.1	-0.1%
73.8%	66.4	66.3	-0.1	-0.1%
75.0%	66.4	66.2	-0.2	-0.3%
76.3%	66.3	66.0	-0.3	-0.5%
77.5%	66.3	65.9	-0.3	-0.5%
78.8%	66.2	65.8	-0.4	-0.6%
80.0%	66.0	65.8	-0.2	-0.3%
81.3%	65.8	65.6	-0.3	-0.4%
82.5%	65.6	65.6	0.0	0.0%
83.8%	65.6	65.5	-0.1	-0.1%
85.0%	65.6	65.4	-0.1	-0.2%
86.3%	65.5	65.4	-0.1	-0.2%
87.5%	65.4	65.4	-0.1	-0.1%
88.8%	65.3	65.3	0.1	0.1%
90.0%	65.3	65.3	0.0	0.1%
91.3%	65.1	65.2	0.1	0.1%
92.5%	65.1	65.2	0.1	0.1%
93.8%	65.1	65.1	0.1	0.1%
95.0%	65.0	65.1	0.0	0.0%
96.3%	64.9	64.9	0.0	0.0%
97.5%	64.9	64.8	-0.1	-0.1%
98.8%	64.9	64.8	-0.1	-0.2%
100.0%	64.7	64.7	0.0	0.0%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative C	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	76.5	75.4	-1.1	-1.4%
1.3%	75.6	71.9	-3.7	-4.9%
2.5%	74.6	71.8	-2.7	-3.7%
3.8%	72.7	71.4	-1.3	-1.8%
5.0%	71.5	70.5	-1.0	-1.4%
6.3%	70.5	70.5	0.0	-0.1%
7.5%	70.4	70.1	-0.3	-0.5%
8.8%	70.3	70.0	-0.2	-0.3%
10.0%	70.3	69.3	-0.9	-1.3%
11.3%	69.6	69.3	-0.3	-0.5%
12.5%	69.4	69.2	-0.2	-0.2%
13.8%	69.4	69.2	-0.2	-0.3%
15.0%	69.3	69.2	-0.1	-0.1%
16.3%	68.4	69.0	0.6	0.9%
17.5%	68.0	68.8	0.9	1.3%
18.8%	67.9	68.8	0.8	1.2%
20.0%	67.9	68.6	0.7	1.0%
21.3%	67.6	67.9	0.3	0.4%
22.5%	67.5	67.5	0.0	0.0%
23.8%	67.2	67.2	0.0	-0.1%
25.0%	67.2	66.8	-0.4	-0.6%
26.3%	67.1	66.7	-0.4	-0.6%
27.5%	66.8	66.6	-0.2	-0.3%
28.8%	66.8	66.5	-0.3	-0.4%
30.0%	66.6	66.5	-0.1	-0.2%
31.3%	66.6	66.5	-0.1	-0.2%
32.5%	66.6	66.4	-0.2	-0.3%
33.8%	66.3	66.3	0.1	0.1%
35.0%	66.3	66.3	0.1	0.1%
36.3%	66.3	66.3	0.0	0.0%
37.5%	66.2	66.2	0.0	0.1%
38.8%	66.2	66.2	0.1	0.1%
40.0%	66.1	66.2	0.1	0.2%
41.3%	66.0	66.1	0.2	0.2%
42.5%	66.0	66.1	0.2	0.3%
43.8%	65.9	66.1	0.2	0.3%
45.0%	65.9	66.1	0.2	0.2%
46.3%	65.9	66.1	0.2	0.3%
47.5%	65.9	66.1	0.2	0.3%
48.8%	65.8	66.0	0.2	0.2%
50.0%	65.8	65.9	0.1	0.2%
51.3%	65.7	65.9	0.2	0.3%
52.5%	65.7	65.8	0.1	0.2%
53.8%	65.7	65.8	0.2	0.2%
55.0%	65.7	65.8	0.1	0.2%
56.3%	65.6	65.8	0.1	0.2%
57.5%	65.6	65.7	0.1	0.1%
58.8%	65.5	65.6	0.1	0.2%
60.0%	65.5	65.6	0.1	0.1%
61.3%	65.5	65.5	0.0	0.0%
62.5%	65.5	65.4	0.0	-0.1%
63.8%	65.4	65.4	0.0	-0.1%
65.0%	65.4	65.3	-0.2	-0.2%
66.3%	65.3	65.1	-0.2	-0.3%
67.5%	65.2	65.0	-0.2	-0.4%
68.8%	65.1	64.9	-0.2	-0.3%
70.0%	64.9	64.9	0.0	0.0%
71.3%	64.8	64.8	0.0	0.0%
72.5%	64.7	64.6	-0.1	-0.2%
73.8%	64.7	64.6	-0.1	-0.1%
75.0%	64.6	64.6	-0.1	-0.1%
76.3%	64.6	64.5	-0.1	-0.1%
77.5%	64.5	64.5	-0.1	-0.1%
78.8%	64.5	64.4	-0.2	-0.2%
80.0%	64.4	64.3	-0.1	-0.1%
81.3%	64.4	64.3	-0.1	-0.1%
82.5%	64.3	64.3	0.0	0.0%
83.8%	64.2	64.2	0.0	0.0%
85.0%	64.2	64.2	0.0	0.0%
86.3%	64.2	64.2	0.0	0.0%
87.5%	64.2	64.2	0.0	0.0%
88.8%	64.2	64.1	-0.1	-0.1%
90.0%	64.2	64.1	0.0	-0.1%
91.3%	64.1	64.1	0.0	0.0%
92.5%	64.0	64.0	0.0	0.0%
93.8%	63.8	64.0	0.1	0.2%
95.0%	63.8	64.0	0.1	0.2%
96.3%	63.8	64.0	0.2	0.3%
97.5%	63.8	63.8	0.0	0.0%
98.8%	63.8	63.8	0.0	0.1%
100.0%	63.5	63.7	0.2	0.3%

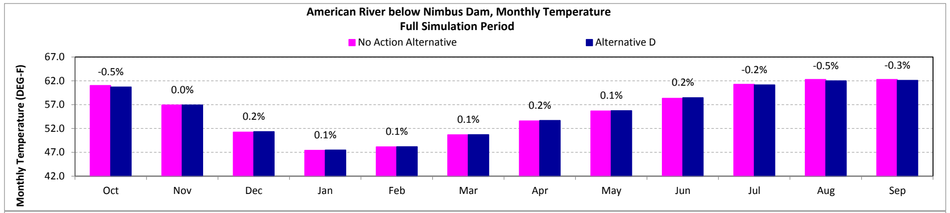
Table SQ-39-4a
American River below Nimbus Dam, Monthly Temperature
Long-term Average and Average by Water Year Type

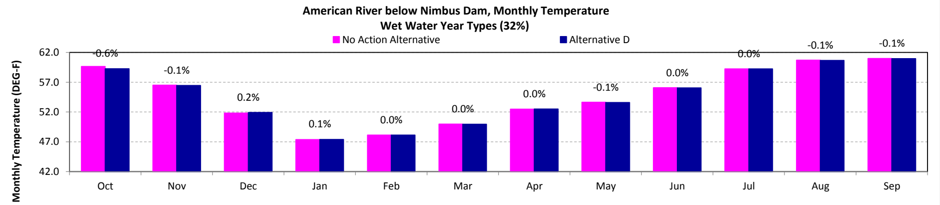
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	61.0	56.9	51.2	47.4	48.1	50.7	53.6	55.7	58.3	61.3	62.3	62.3
Alternative D	60.7	56.9	51.4	47.5	48.2	50.7	53.7	55.7	58.5	61.1	62.0	62.1
Difference	-0.3	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.1	-0.1	-0.3	-0.2
Percent Difference[3]	-0.5%	0.0%	0.2%	0.1%	0.1%	0.1%	0.2%	0.1%	0.2%	-0.2%	-0.5%	-0.3%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	59.6	56.5	51.8	47.4	48.1	50.0	52.5	53.6	56.1	59.2	60.7	61.0
Alternative D	59.3	56.5	51.9	47.4	48.1	50.0	52.5	53.6	56.1	59.2	60.7	60.9
Difference	-0.4	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Percent Difference	-0.6%	-0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	-0.1%
Above Normal (15%)												
No Action Alternative	60.0	56.4	50.8	47.6	47.8	50.1	52.8	54.4	57.1	60.3	61.1	60.9
Alternative D	59.7	56.5	51.0	47.7	47.8	50.2	53.0	54.5	57.2	60.1	60.8	60.8
Difference	-0.3	0.1	0.2	0.1	0.0	0.1	0.1	0.1	0.1	-0.2	-0.3	-0.1
Percent Difference	-0.5%	0.1%	0.4%	0.1%	0.1%	0.2%	0.2%	0.1%	0.2%	-0.4%	-0.6%	-0.2%
Below Normal (17%)												
No Action Alternative	60.5	57.0	51.5	47.3	47.5	50.6	53.5	55.2	57.8	60.9	61.2	60.9
Alternative D	60.3	56.9	51.5	47.3	47.5	50.6	53.5	55.2	57.9	60.6	61.1	60.9
Difference	-0.1	-0.1	0.1	0.0	0.0	0.0	-0.1	0.0	0.0	-0.3	-0.2	0.0
Percent Difference	-0.2%	-0.1%	0.2%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.1%	-0.6%	-0.3%	0.1%
Dry (22%)												
No Action Alternative	62.1	57.3	51.3	47.5	48.5	51.0	54.2	56.9	59.4	61.8	62.7	62.7
Alternative D	61.7	57.3	51.4	47.7	48.5	51.2	54.5	57.4	60.0	61.5	62.3	62.3
Difference	-0.3	0.0	0.1	0.1	0.0	0.1	0.3	0.5	0.5	-0.3	-0.3	-0.3
Percent Difference	-0.6%	-0.1%	0.2%	0.3%	0.0%	0.3%	0.5%	1.0%	0.9%	-0.5%	-0.5%	-0.6%
Critical (15%)												
No Action Alternative	64.0	57.8	50.1	47.3	48.8	52.3	55.8	60.0	63.4	66.3	67.5	67.3
Alternative D	63.7	57.8	50.2	47.4	48.9	52.3	56.0	59.6	63.4	66.4	66.7	66.7
Difference	-0.3	0.1	0.1	0.1	0.1	0.0	0.2	-0.4	0.0	0.2	-0.8	-0.6
Percent Difference	-0.4%	0.1%	0.2%	0.3%	0.2%	-0.1%	0.3%	-0.7%	0.0%	0.2%	-1.1%	-0.9%

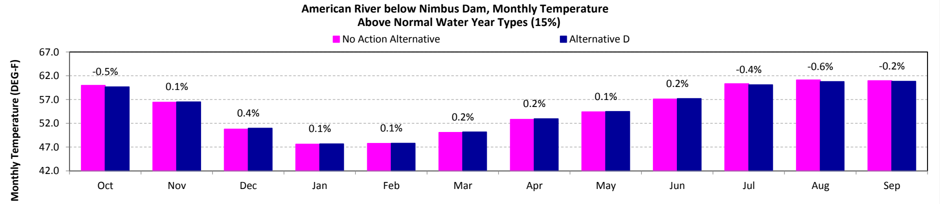
1 Based on the 82-year simulation period

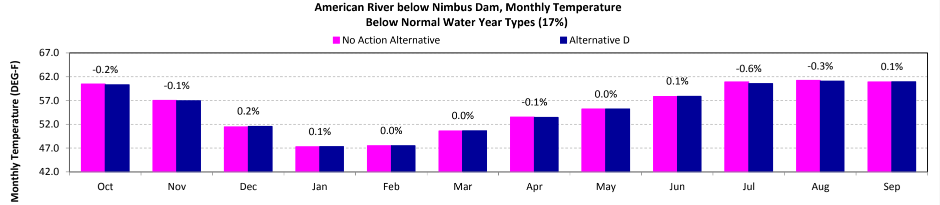
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

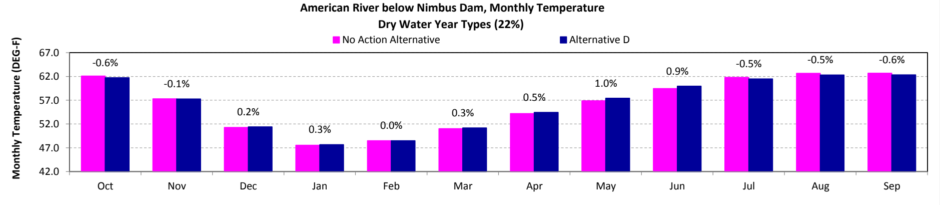
3 Relative difference of the monthly average


American River below Nimbus Dam, Monthly Temperature
Full Simulation Period


American River below Nimbus Dam, Monthly Temperature
Wet Water Year Types (32%)


American River below Nimbus Dam, Monthly Temperature
Above Normal Water Year Types (15%)


American River below Nimbus Dam, Monthly Temperature
Below Normal Water Year Types (17%)


American River below Nimbus Dam, Monthly Temperature
Dry Water Year Types (22%)

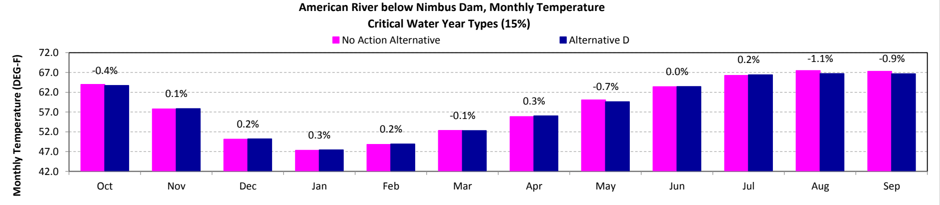

American River below Nimbus Dam, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-39-4b
American River below Nimbus Dam, Monthly Temperature
Probability of Exceedance

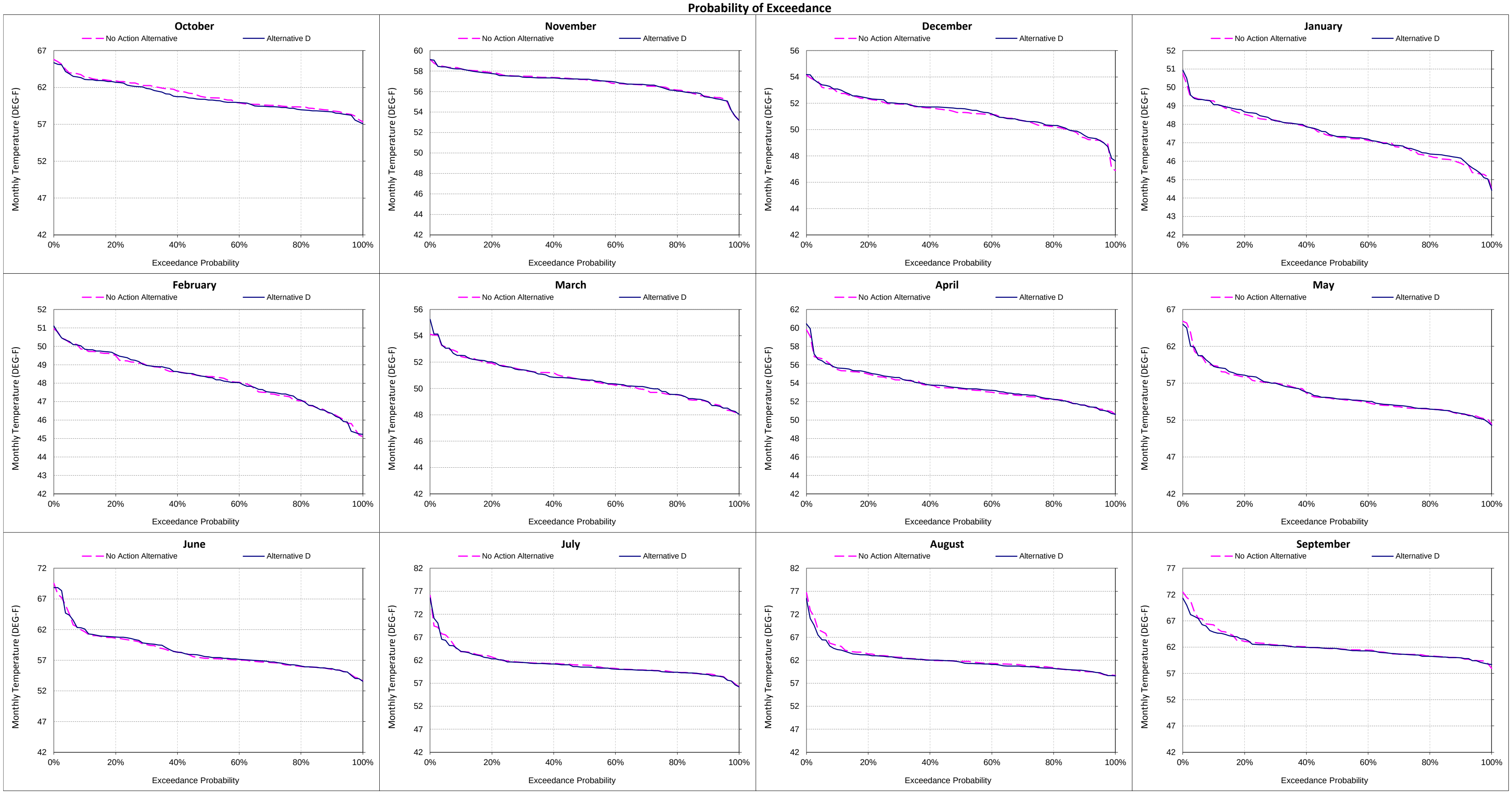


Table SQ-39-4b

American River below Nimbus Dam, Monthly Temperature
Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.8	65.4	-0.4	-0.6%
1.3%	65.5	65.2	-0.4	-0.5%
2.5%	65.2	65.1	-0.1	-0.1%
3.8%	64.5	64.2	-0.3	-0.5%
5.0%	64.0	63.9	-0.1	-0.2%
6.3%	64.0	63.5	-0.4	-0.7%
7.5%	63.9	63.5	-0.4	-0.7%
8.8%	63.7	63.3	-0.4	-0.6%
10.0%	63.4	63.1	-0.3	-0.5%
11.3%	63.3	63.0	-0.3	-0.5%
12.5%	63.2	63.0	-0.1	-0.2%
13.8%	63.1	63.0	-0.1	-0.2%
15.0%	63.1	62.9	-0.1	-0.2%
16.3%	63.1	62.9	-0.1	-0.2%
17.5%	63.0	62.8	-0.2	-0.3%
18.8%	62.9	62.8	-0.1	-0.2%
20.0%	62.9	62.7	-0.2	-0.3%
21.3%	62.8	62.7	-0.1	-0.2%
22.5%	62.8	62.6	-0.2	-0.4%
23.8%	62.7	62.3	-0.3	-0.6%
25.0%	62.6	62.2	-0.4	-0.7%
26.3%	62.6	62.2	-0.5	-0.7%
27.5%	62.4	62.1	-0.3	-0.5%
28.8%	62.3	62.1	-0.2	-0.3%
30.0%	62.3	61.9	-0.4	-0.6%
31.3%	62.3	61.8	-0.5	-0.7%
32.5%	62.1	61.6	-0.5	-0.8%
33.8%	62.0	61.5	-0.5	-0.9%
35.0%	61.9	61.4	-0.5	-0.9%
36.3%	61.8	61.1	-0.7	-1.1%
37.5%	61.8	61.1	-0.7	-1.2%
38.8%	61.8	60.8	-0.9	-1.5%
40.0%	61.5	60.8	-0.8	-1.3%
41.3%	61.5	60.7	-0.7	-1.2%
42.5%	61.4	60.7	-0.6	-1.1%
43.8%	61.2	60.6	-0.6	-1.0%
45.0%	61.2	60.5	-0.6	-1.0%
46.3%	61.0	60.4	-0.5	-0.9%
47.5%	60.8	60.4	-0.4	-0.6%
48.8%	60.7	60.4	-0.3	-0.5%
50.0%	60.6	60.3	-0.3	-0.5%
51.3%	60.6	60.3	-0.3	-0.5%
52.5%	60.6	60.2	-0.3	-0.6%
53.8%	60.6	60.2	-0.4	-0.6%
55.0%	60.4	60.0	-0.4	-0.6%
56.3%	60.3	60.0	-0.3	-0.5%
57.5%	60.3	60.0	-0.3	-0.5%
58.8%	60.0	60.0	0.0	0.0%
60.0%	59.9	59.9	0.0	0.0%
61.3%	59.8	59.9	0.1	0.1%
62.5%	59.8	59.9	0.1	0.2%
63.8%	59.7	59.7	0.0	0.0%
65.0%	59.7	59.5	-0.2	-0.4%
66.3%	59.7	59.5	-0.3	-0.4%
67.5%	59.6	59.5	-0.2	-0.3%
68.8%	59.6	59.4	-0.2	-0.3%
70.0%	59.6	59.4	-0.2	-0.3%
71.3%	59.6	59.4	-0.2	-0.3%
72.5%	59.6	59.4	-0.2	-0.3%
73.8%	59.5	59.3	-0.2	-0.3%
75.0%	59.4	59.3	-0.1	-0.2%
76.3%	59.4	59.2	-0.2	-0.3%
77.5%	59.4	59.2	-0.2	-0.3%
78.8%	59.4	59.0	-0.3	-0.5%
80.0%	59.4	59.0	-0.4	-0.6%
81.3%	59.4	58.9	-0.4	-0.7%
82.5%	59.2	58.9	-0.3	-0.5%
83.8%	59.2	58.8	-0.3	-0.6%
85.0%	59.1	58.8	-0.3	-0.4%
86.3%	59.0	58.8	-0.2	-0.4%
87.5%	59.0	58.8	-0.2	-0.4%
88.8%	58.9	58.7	-0.2	-0.3%
90.0%	58.8	58.7	-0.1	-0.2%
91.3%	58.8	58.5	-0.3	-0.4%
92.5%	58.7	58.5	-0.2	-0.4%
93.8%	58.5	58.4	-0.2	-0.3%
95.0%	58.4	58.3	-0.1	-0.2%
96.3%	58.3	58.3	-0.1	-0.2%
97.5%	58.1	57.6	-0.6	-1.0%
98.8%	57.6	57.3	-0.3	-0.5%
100.0%	57.3	57.1	-0.3	-0.5%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.1	59.1	0.0	0.0%
1.3%	58.8	59.1	0.3	0.5%
2.5%	58.6	58.5	-0.1	-0.2%
3.8%	58.5	58.4	-0.1	-0.1%
5.0%	58.4	58.4	0.0	0.0%
6.3%	58.4	58.3	0.0	-0.1%
7.5%	58.4	58.2	-0.1	-0.2%
8.8%	58.3	58.2	-0.1	-0.2%
10.0%	58.2	58.2	0.0	0.0%
11.3%	58.1	58.1	0.0	0.0%
12.5%	58.1	58.1	0.0	0.0%
13.8%	58.0	58.0	-0.1	-0.1%
15.0%	58.0	57.9	-0.1	-0.2%
16.3%	58.0	57.9	-0.1	-0.2%
17.5%	57.9	57.8	-0.1	-0.2%
18.8%	57.9	57.8	-0.1	-0.2%
20.0%	57.8	57.8	-0.1	-0.2%
21.3%	57.8	57.7	-0.1	-0.2%
22.5%	57.7	57.6	-0.1	-0.2%
23.8%	57.6	57.6	0.0	-0.1%
25.0%	57.6	57.5	0.0	-0.1%
26.3%	57.5	57.5	0.0	0.0%
27.5%	57.5	57.5	0.0	0.0%
28.8%	57.5	57.5	0.0	0.0%
30.0%	57.5	57.4	-0.1	-0.1%
31.3%	57.5	57.4	-0.1	-0.2%
32.5%	57.5	57.4	-0.1	-0.2%
33.8%	57.5	57.4	-0.1	-0.2%
35.0%	57.4	57.3	-0.1	-0.1%
36.3%	57.4	57.3	-0.1	-0.1%
37.5%	57.4	57.3	-0.1	-0.1%
38.8%	57.4	57.3	-0.1	-0.1%
40.0%	57.4	57.3	0.0	-0.1%
41.3%	57.4	57.3	-0.1	-0.1%
42.5%	57.3	57.3	-0.1	-0.1%
43.8%	57.3	57.3	-0.1	-0.1%
45.0%	57.3	57.2	0.0	-0.1%
46.3%	57.2	57.2	0.0	0.0%
47.5%	57.2	57.2	0.0	0.0%
48.8%	57.2	57.2	0.0	0.1%
50.0%	57.2	57.2	0.0	0.1%
51.3%	57.1	57.2	0.1	0.2%
52.5%	57.1	57.1	0.1	0.1%
53.8%	57.0	57.1	0.1	0.2%
55.0%	57.0	57.1	0.0	0.1%
56.3%	57.0	57.0	0.0	0.1%
57.5%	57.0	57.0	0.0	0.1%
58.8%	56.8	57.0	0.2	0.3%
60.0%	56.8	56.9	0.2	0.3%
61.3%	56.8	56.8	0.1	0.1%
62.5%	56.8	56.8	0.1	0.1%
63.8%	56.7	56.7	0.0	0.0%
65.0%	56.7	56.7	0.0	0.0%
66.3%	56.7	56.7	0.0	0.0%
67.5%	56.7	56.7	0.0	0.1%
68.8%	56.7	56.7	0.0	0.1%
70.0%	56.5	56.7	0.1	0.2%
71.3%	56.5	56.6	0.1	0.2%
72.5%	56.5	56.6	0.1	0.2%
73.8%	56.5	56.5	0.0	0.0%
75.0%	56.5	56.4	0.0	-0.1%
76.3%	56.4	56.3	-0.1	-0.2%
77.5%	56.3	56.2	-0.1	-0.2%
78.8%	56.2	56.1	-0.1	-0.1%
80.0%	56.1	56.0	-0.1	-0.2%
81.3%	56.1	56.0	-0.1	-0.2%
82.5%	56.0	56.0	0.0	-0.1%
83.8%	56.0	55.9	-0.1	-0.1%
85.0%	55.8	55.9	0.0	0.1%
86.3%	55.7	55.9	0.1	0.3%
87.5%	55.6	55.8	0.2	0.4%
88.8%	55.6	55.5	-0.1	-0.1%
90.0%	55.5	55.5	0.0	-0.1%
91.3%	55.5	55.4	-0.1	-0.2%
92.5%	55.4	55.3	-0.1	-0.2%
93.8%	55.4	55.3	-0.2	-0.3%
95.0%	55.3	55.1	-0.2	-0.3%
96.3%	55.0	55.1	0.1	0.2%
97.5%	54.1	54.2	0.1	0.2%
98.8%	53.6	53.6	0.0	0.0%
100.0%	53.2	53.2	0.0	0.0%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.1	54.2	0.0	0.1%
1.3%	53.9	54.2	0.2	0.4%
2.5%	53.8	53.8	0.0	0.1%
3.8%	53.7	53.6	-0.1	-0.2%
5.0%	53.2	53.4	0.2	0.3%
6.3%	53.1	53.3	0.2	0.4%
7.5%	53.1	53.3	0.2	0.3%
8.8%	53.1	53.1	0.0	0.0%
10.0%	52.8	53.1	0.3	0.5%
11.3%	52.8	53.0	0.2	0.4%
12.5%	52.7	52.8	0.1	0.2%
13.8%	52.6	52.7	0.1	0.2%
15.0%	52.5	52.6	0.0	0.0%
16.3%	52.5	52.5	0.1	0.1%
17.5%	52.4	52.5	0.1	0.2%
18.8%	52.4	52.4	0.1	0.1%
20.0%	52.3	52.4	0.0	0.1%
21.3%	52.3	52.3	0.0	0.1%
22.5%	52.2	52.3	0.1	0.1%
23.8%	52.2	52.3	0.1	0.2%
25.0%	52.1	52.3	0.2	0.3%
26.3%	52.0	52.0	0.1	0.1%
27.5%	52.0	52.0	0.1	0.1%
28.8%	52.0	52.0	0.1	0.1%
30.0%	51.9	52.0	0.0	0.1%
31.3%	51.9	52.0	0.0	0.1%
32.5%	51.9	52.0	0.0	0.1%
33.8%	51.9	51.8	-0.1	-0.1%
35.0%	51.7	51.8	0.0	0.1%
36.3%	51.7	51.7	0.0	0.0%
37.5%	51.7	51.7	0.0	0.1%
38.8%	51.7	51.7	0.1	0.1%
40.0%	51.6	51.7	0.1	0.2%
41.3%	51.6	51.7	0.1	0.2%
42.5%	51.6	51.7	0.1	0.3%
43.8%	51.5	51.7	0.1	0.3%
45.0%	51.5	51.7	0.2	0.4%
46.3%	51.5	51.7	0.2	0.3%
47.5%	51.4	51.6	0.3	0.5%
48.8%	51.3	51.6	0.3	0.6%
50.0%	51.3	51.6	0.3	0.6%
51.3%	51.3	51.6	0.3	0.6%
52.5%	51.3	51.5	0.2	0.5%
53.8%	51.2	51.5	0.3	0.5%
55.0%	51.2	51.5	0.3	0.5%
56.3%	51.2	51.4	0.2	0.3%
57.5%	51.2	51.3	0.1	0.2%
58.8%	51.1	51.3	0.2	0.3%
60.0%	51.1	51.2	0.1	0.1%
61.3%	51.1	51.1	-0.1	-0.1%
62.5%	51.0	50.9	-0.1	-0.1%
63.8%	50.9	50.9	0.0	0.0%
65.0%	50.9	50.8	0.0	-0.1%
66.3%	50.9	50.8	0.0	-0.1%
67.5%	50.8	50.8	0.0	-0.1%
68.8%	50.7	50.7	0.0	0.0%
70.0%	50.7	50.7	0.0	0.0%
71.3%	50.6	50.6	0.0	0.0%
72.5%	50.6	50.6	0.0	0.1%
73.8%	50.5	50.6	0.1	0.3%
75.0%	50.3	50.6	0.2	0.5%
76.3%	50.3	50.5	0.2	0.4%
77.5%	50.3	50.4	0.0	0.1%
78.8%	50.3	50.3	0.1	0.2%
80.0%	50.2	50.3	0.1	0.2%
81.3%	50.2	50.3	0.1	0.3%
82.5%	50.1	50.2	0.1	0.2%
83.8%	50.0	50.1	0.1	0.2%
85.0%	49.9	50.0	0.0	0.0%
86.3%	49.9	49.9	0.0	0.0%
87.5%	49.8	49.9	0.1	0.2%
88.8%	49.4	49.8	0.3	0.6%
90.0%	49.4	49.5	0.2	0.3%
91.3%	49.2	49.4	0.1	0.3%
92.5%	49.2	49.3	0.1	0.2%
93.8%	49.2	49.3	0.1	0.2%
95.0%	49.2	49.2	0.0	-0.1%
96.3%	49.0	49.0	0.0	0.0%
97.5%	49.0	48.7	-0.3	-0.6%
98.8%	47.1	47.8	0.8	1.6%
100.0%	46.9	47.6	0.7	1.5%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.8	50.9	0.2	0.4%
1.3%	50.2	50.5	0.3	0.7%
2.5%	49.5	49.6	0.1	0.3%
3.8%	49.5	49.4	0.0	-0.1%
5.0%	49.4	49.3	0.0	-0.1%
6.3%	49.3	49.3	0.0	0.0%
7.5%	49.3	49.3	0.0	0.0%
8.8%	49.3	49.3	0.0	0.0%
10.0%	49.3	49.1	-0.2	-0.4%
11.3%	49.1	49.1	0.0	0.0%
12.5%	49.0	49.0	0.0	0.0%
13.8%	48.9	49.0	0.1	0.2%
15.0%	48.8	48.9	0.1	0.1%
16.3%	48.7	48.9	0.1	0.2%
17.5%	48.7	48.8	0.2	0.3%
18.8%	48.6	48.8	0.2	0.4%
20.0%	48.5	48.7	0.1	0.3%
21.3%	48.5	48.6	0.1	0.3%
22.5%	48.4	48.6	0.2	0.4%
23.8%	48.4	48.6	0.2	0.5%
25.0%	48.3	48.5	0.2	0.3%
26.3%	48.3	48.4	0.2	0.3%
27.5%	48.3	48.4	0.1	0.3%
28.8%	48.2	48.3	0.0	0.0%
30.0%	48.2	48.2	0.0	-0.1%
31.3%	48.2	48.2	0.0	0.0%
32.5%	48.1	48.1	0.0	0.0%
33.8%	48.1	48.1	0.0	0.0%
35.0%	48.1	48.1	0.0	0.0%
36.3%	48.0	48.0	0.0	0.0%
37.5%	48.0	48.0	0.0	0.0%
38.8%	47.9	48.0	0.1	0.1%
40.0%	47.9	47.9	0.0	-0.1%
41.3%	47.8	47.8	0.0	0.0%
42.5%	47.8	47.8	0.0	0.0%
43.8%	47.6	47.7	0.1	0.3%
45.0%	47.5	47.6	0.1	0.1%
46.3%	47.4	47.6	0.2	0.3%
47.5%	47.4	47.5	0.1	0.1%
48.8%	47.3	47.4	0.0	0.1%
50.0%	47.3	47.3	0.0	0.0%
51.3%	47.3	47.3	0.1	0.1%
52.5%	47.3	47.3	0.1	0.1%
53.8%	47.2	47.3	0.1	0.2%
55.0%	47.2	47.3	0.1	0.1%
56.3%	47.2	47.3	0.1	0.1%
57.5%	47.2	47.3	0.0	0.1%
58.8%	47.2	47.2	0.0	0.1%
60.0%	47.1	47.2	0.1	0.2%
61.3%	47.1	47.1	0.0	0.0%
62.5%	47.0	47.1	0.1	0.1%
63.8%	47.0	47.0	0.0	0.1%
65.0%	47.0	47.0	0.0	-0.1%
66.3%	47.0	47.0	0.0	-0.1%
67.5%	47.0	46.9	-0.1	-0.3%
68.8%	46.8	46.9	0.1	0.1%
70.0%	46.8	46.8	0.1	0.2%
71.3%	46.8	46.8	0.1	0.1%
72.5%	46.7	46.7	0.0	-0.1%
73.8%	46.6	46.7	0.1	0.3%
75.0%	46.6	46.6	0.0	0.1%
76.3%	46.4	46.5	0.2	0.4%
77.5%	46.3	46.5	0.1	0.2%
78.8%	46.3	46.4	0.1	0.3%
80.0%	46.3	46.4	0.1	0.3%
81.3%	46.2	46.4	0.2	0.4%
82.5%	46.2	46.4	0.2	0.4%
83.8%	46.1	46.3	0.2	0.5%
85.0%	46.1	46.3	0.2	0.4%
86.3%	46.1	46.3	0.2	0.4%
87.5%	46.0	46.2	0.2	0.4%
88.8%	46.0	46.2	0.2	0.5%
90.0%	45.9	46.2	0.3	0.6%
91.3%	45.8	46.0	0.2	0.5%
92.5%	45.8	45.8	0.0	0.0%
93.8%	45.4	45.6	0.3	0.6%
95.0%	45.4	45.5	0.1	0.3%
96.3%	45.3	45.4	0.0	0.1%
97.5%	45.3	45.1	-0.2	-0.4%
98.8%	45.2	45.0	-0.1	-0.3%
100.0%	44.5	44.4	-0.1	-0.2%

Table SQ-39-4b

American River below Nimbus Dam, Monthly Temperature
Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	51.0	51.1	0.1	0.3%
1.3%	50.8	50.8	0.0	-0.1%
2.5%	50.4	50.5	0.0	0.0%
3.8%	50.4	50.3	0.0	-0.1%
5.0%	50.2	50.3	0.0	0.1%
6.3%	50.2	50.1	-0.1	-0.1%
7.5%	50.1	50.1	0.0	0.0%
8.8%	49.9	50.0	0.2	0.3%
10.0%	49.8	49.8	0.0	0.0%
11.3%	49.7	49.8	0.1	0.2%
12.5%	49.7	49.8	0.1	0.2%
13.8%	49.7	49.8	0.0	0.1%
15.0%	49.7	49.7	0.1	0.2%
16.3%	49.6	49.7	0.1	0.2%
17.5%	49.6	49.7	0.1	0.2%
18.8%	49.6	49.7	0.1	0.2%
20.0%	49.5	49.6	0.1	0.1%
21.3%	49.2	49.5	0.2	0.5%
22.5%	49.2	49.4	0.2	0.4%
23.8%	49.2	49.4	0.2	0.3%
25.0%	49.2	49.3	0.1	0.2%
26.3%	49.1	49.3	0.1	0.2%
27.5%	49.1	49.2	0.1	0.2%
28.8%	49.1	49.0	-0.1	-0.1%
30.0%	49.0	49.0	0.0	0.0%
31.3%	49.0	48.9	0.0	0.0%
32.5%	48.9	48.9	0.0	0.0%
33.8%	48.9	48.9	0.0	0.0%
35.0%	48.8	48.9	0.1	0.1%
36.3%	48.7	48.8	0.1	0.2%
37.5%	48.6	48.8	0.2	0.3%
38.8%	48.6	48.7	0.0	0.0%
40.0%	48.6	48.6	0.0	0.0%
41.3%	48.6	48.6	0.0	0.0%
42.5%	48.5	48.5	0.0	0.0%
43.8%	48.5	48.5	0.0	0.1%
45.0%	48.5	48.5	0.0	0.1%
46.3%	48.4	48.4	0.0	0.0%
47.5%	48.4	48.4	0.0	0.0%
48.8%	48.4	48.4	0.0	0.0%
50.0%	48.4	48.3	0.0	-0.1%
51.3%	48.4	48.3	-0.1	-0.1%
52.5%	48.3	48.2	-0.1	-0.3%
53.8%	48.3	48.2	-0.1	-0.2%
55.0%	48.3	48.1	-0.2	-0.3%
56.3%	48.2	48.1	-0.1	-0.2%
57.5%	48.1	48.0	0.0	-0.1%
58.8%	48.0	48.0	0.0	0.0%
60.0%	48.0	48.0	0.0	0.0%
61.3%	48.0	47.9	-0.1	-0.1%
62.5%	48.0	47.8	-0.1	-0.3%
63.8%	47.9	47.8	0.0	-0.1%
65.0%	47.7	47.8	0.1	0.1%
66.3%	47.5	47.7	0.1	0.3%
67.5%	47.5	47.7	0.1	0.3%
68.8%	47.5	47.5	0.0	0.1%
70.0%	47.4	47.5	0.1	0.2%
71.3%	47.4	47.5	0.1	0.2%
72.5%	47.3	47.5	0.1	0.2%
73.8%	47.3	47.4	0.1	0.2%
75.0%	47.3	47.4	0.1	0.2%
76.3%	47.3	47.3	0.1	0.2%
77.5%	47.1	47.3	0.2	0.4%
78.8%	47.1	47.1	0.1	0.1%
80.0%	47.0	47.1	0.0	0.1%
81.3%	47.0	47.0	0.0	-0.1%
82.5%	46.8	46.8	0.0	0.0%
83.8%	46.8	46.8	0.0	0.1%
85.0%	46.7	46.7	0.0	0.0%
86.3%	46.7	46.6	-0.1	-0.2%
87.5%	46.5	46.5	0.0	0.0%
88.8%	46.4	46.4	0.0	0.0%
90.0%	46.3	46.3	0.0	0.0%
91.3%	46.3	46.2	-0.1	-0.1%
92.5%	46.1	46.1	0.0	0.0%
93.8%	46.0	45.9	-0.1	-0.2%
95.0%	45.8	45.9	0.1	0.2%
96.3%	45.8	45.4	-0.4	-0.9%
97.5%	45.5	45.3	-0.2	-0.4%
98.8%	45.2	45.3	0.1	0.1%
100.0%	45.1	45.2	0.1	0.3%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	54.1	55.3	1.1	2.1%
1.3%	54.1	54.1	0.1	0.1%
2.5%	54.0	54.1	0.1	0.1%
3.8%	53.3	53.3	0.1	0.1%
5.0%	53.2	53.1	-0.1	-0.2%
6.3%	53.0	53.0	0.1	0.2%
7.5%	52.9	52.7	-0.3	-0.5%
8.8%	52.8	52.5	-0.3	-0.5%
10.0%	52.4	52.5	0.1	0.2%
11.3%	52.3	52.5	0.1	0.3%
12.5%	52.3	52.3	0.0	-0.1%
13.8%	52.3	52.2	-0.1	-0.2%
15.0%	52.2	52.2	0.0	0.0%
16.3%	52.1	52.1	0.0	0.1%
17.5%	52.0	52.1	0.2	0.3%
18.8%	51.9	52.0	0.1	0.2%
20.0%	51.9	52.0	0.1	0.2%
21.3%	51.8	51.9	0.1	0.3%
22.5%	51.8	51.7	0.0	0.0%
23.8%	51.7	51.7	-0.1	-0.1%
25.0%	51.6	51.7	0.0	0.0%
26.3%	51.6	51.6	0.0	0.0%
27.5%	51.5	51.5	-0.1	-0.1%
28.8%	51.5	51.4	-0.1	-0.1%
30.0%	51.4	51.4	0.0	0.0%
31.3%	51.3	51.4	0.1	0.1%
32.5%	51.3	51.3	0.0	0.0%
33.8%	51.3	51.2	0.0	0.0%
35.0%	51.2	51.1	-0.1	-0.2%
36.3%	51.2	51.1	-0.1	-0.3%
37.5%	51.2	51.0	-0.2	-0.4%
38.8%	51.2	50.9	-0.3	-0.6%
40.0%	51.2	50.9	-0.3	-0.6%
41.3%	51.0	50.8	-0.2	-0.4%
42.5%	51.0	50.8	-0.1	-0.2%
43.8%	50.9	50.8	-0.1	-0.1%
45.0%	50.9	50.8	-0.1	-0.1%
46.3%	50.8	50.8	0.0	-0.1%
47.5%	50.7	50.7	0.0	0.0%
48.8%	50.6	50.7	0.0	0.1%
50.0%	50.6	50.7	0.0	0.1%
51.3%	50.6	50.6	0.0	0.1%
52.5%	50.6	50.6	0.0	0.1%
53.8%	50.5	50.5	0.1	0.1%
55.0%	50.4	50.5	0.1	0.2%
56.3%	50.4	50.4	0.1	0.1%
57.5%	50.3	50.4	0.0	0.1%
58.8%	50.3	50.4	0.0	0.1%
60.0%	50.3	50.3	0.1	0.2%
61.3%	50.2	50.3	0.1	0.2%
62.5%	50.2	50.3	0.1	0.1%
63.8%	50.2	50.2	0.0	0.0%
65.0%	50.1	50.2	0.1	0.1%
66.3%	50.1	50.2	0.1	0.2%
67.5%	50.0	50.2	0.2	0.3%
68.8%	49.9	50.2	0.2	0.4%
70.0%	49.9	50.1	0.2	0.4%
71.3%	49.7	50.0	0.3	0.6%
72.5%	49.7	50.0	0.3	0.6%
73.8%	49.7	50.0	0.3	0.6%
75.0%	49.7	49.8	0.1	0.2%
76.3%	49.6	49.8	0.2	0.3%
77.5%	49.5	49.6	0.0	0.0%
78.8%	49.5	49.5	0.0	0.0%
80.0%	49.5	49.5	0.0	0.1%
81.3%	49.5	49.5	0.0	0.0%
82.5%	49.4	49.4	0.0	0.0%
83.8%	49.2	49.2	0.1	0.2%
85.0%	49.1	49.2	0.1	0.2%
86.3%	49.1	49.2	0.1	0.1%
87.5%	49.1	49.2	0.1	0.2%
88.8%	49.1	49.1	0.0	0.1%
90.0%	49.0	49.0	0.0	0.0%
91.3%	48.8	48.7	-0.1	-0.2%
92.5%	48.8	48.7	-0.1	-0.1%
93.8%	48.7	48.6	-0.1	-0.1%
95.0%	48.5	48.5	0.1	0.1%
96.3%	48.3	48.5	0.2	0.3%
97.5%	48.3	48.3	0.0	0.1%
98.8%	48.2	48.3	0.1	0.2%
100.0%	48.0	48.0	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	59.8	60.5	0.7	1.1%
1.3%	59.1	59.9	0.9	1.5%
2.5%	56.9	57.2	0.3	0.5%
3.8%	56.8	56.6	-0.2	-0.3%
5.0%	56.7	56.4	-0.2	-0.4%
6.3%	56.4	56.1	-0.3	-0.6%
7.5%	56.1	56.0	-0.1	-0.1%
8.8%	55.7	55.8	0.1	0.2%
10.0%	55.5	55.6	0.2	0.3%
11.3%	55.3	55.6	0.3	0.5%
12.5%	55.3	55.6	0.2	0.4%
13.8%	55.3	55.5	0.2	0.4%
15.0%	55.3	55.4	0.1	0.2%
16.3%	55.2	55.3	0.1	0.2%
17.5%	55.2	55.3	0.2	0.3%
18.8%	55.1	55.3	0.2	0.3%
20.0%	55.0	55.1	0.1	0.3%
21.3%	54.9	55.0	0.2	0.3%
22.5%	54.8	55.0	0.2	0.4%
23.8%	54.7	54.9	0.2	0.4%
25.0%	54.7	54.8	0.1	0.2%
26.3%	54.5	54.7	0.2	0.4%
27.5%	54.5	54.7	0.2	0.3%
28.8%	54.4	54.6	0.3	0.5%
30.0%	54.3	54.6	0.3	0.5%
31.3%	54.3	54.4	0.1	0.1%
32.5%	54.3	54.3	0.0	0.0%
33.8%	54.2	54.3	0.1	0.2%
35.0%	54.2	54.1	-0.1	-0.2%
36.3%	54.2	54.0	-0.2	-0.3%
37.5%	53.9	54.0	0.1	0.3%
38.8%	53.8	53.9	0.0	0.1%
40.0%	53.8	53.8	0.0	0.1%
41.3%	53.7	53.8	0.1	0.1%
42.5%	53.5	53.8	0.2	0.4%
43.8%	53.5	53.7	0.2	0.4%
45.0%	53.5	53.7	0.2	0.4%
46.3%	53.5	53.6	0.1	0.2%
47.5%	53.5	53.6	0.1	0.2%
48.8%	53.4	53.5	0.1	0.2%
50.0%	53.4	53.5	0.1	0.2%
51.3%	53.4	53.4	0.0	0.1%
52.5%	53.3	53.4	0.1	0.2%
53.8%	53.3	53.4	0.1	0.3%
55.0%	53.2	53.4	0.2	0.3%
56.3%	53.2	53.3	0.1	0.2%
57.5%	53.1	53.3	0.2	0.4%
58.8%	53.1	53.2	0.2	0.3%
60.0%	53.0	53.2	0.2	0.4%
61.3%	53.0	53.2	0.3	0.5%
62.5%	52.9	53.1	0.2	0.3%
63.8%	52.8	53.1	0.2	0.4%
65.0%	52.8	52.9	0.1	0.2%
66.3%	52.8	52.9	0.1	0.2%
67.5%	52.7	52.8	0.1	0.2%
68.8%	52.7	52.8	0.2	0.3%
70.0%	52.7	52.8	0.1	0.2%
71.3%	52.6	52.8	0.2	0.3%
72.5%	52.5	52.7	0.2	0.3%
73.8%	52.5	52.7	0.2	0.3%
75.0%	52.5	52.5	0.1	0.2%
76.3%	52.3	52.5	0.1	0.2%
77.5%	52.3	52.4	0.1	0.2%
78.8%	52.3	52.3	0.1	0.1%
80.0%	52.2	52.3	0.0	0.0%
81.3%	52.2	52.2	0.0	0.1%
82.5%	52.2	52.1	-0.1	-0.2%
83.8%	52.1	52.1	0.0	0.0%
85.0%	52.0	51.9	-0.1	-0.2%
86.3%	51.8	51.8	0.0	0.0%
87.5%	51.8	51.8	0.0	0.0%
88.8%	51.7	51.6	0.0	-0.1%
90.0%	51.6	51.6	0.0	0.0%
91.3%	51.5	51.4	-0.1	-0.1%
92.5%	51.4	51.4	0.0	-0.1%
93.8%	51.3	51.4	0.1	0.1%
95.0%	51.2	51.1	-0.1	-0.3%
96.3%	51.2	51.1	-0.1	-0.2%
97.5%	51.0	50.9	-0.1	-0.2%
98.8%	50.9	50.7	-0.2	-0.4%
100.0%	50.6	50.6	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	65.4	65.0	-0.4	-0.6%
1.3%	65.2	64.5	-0.7	-1.0%
2.5%	63.9	62.0	-1.9	-2.9%
3.8%	61.3	61.9	0.6	0.9%
5.0%	60.8	60.8	0.0	-0.1%
6.3%	60.6	60.7	0.1	0.2%
7.5%	59.7	60.2	0.5	0.8%
8.8%	59.5	59.8	0.2	0.4%
10.0%	59.4	59.3	-0.1	-0.2%
11.3%	59.3	59.1	-0.2	-0.3%
12.5%	58.6	59.1	0.5	0.9%
13.8%	58.5	59.0	0.5	0.8%
15.0%	58.3	58.6	0.3	0.6%
16.3%	58.1	58.5	0.3	0.6%
17.5%	58.1	58.2	0.1	0.3%
18.8%	57.9	58.2	0.3	0.4%
20.0%	57.8	58.1	0.2	0.4%
21.3%	57.8	58.0	0.1	0.2%
22.5%	57.4	57.9	0.5	0.9%
23.8%	57.3	57.8	0.6	1.0%
25.0%	57.2	57.5	0.3	0.5%
26.3%	57.1	57.2	0.1	0.2%
27.5%	57.1	57.2	0.0	0.1%
28.8%	57.1	57.0	0.0	-0.1%
30.0%	57.0	57.0	0.0	0.0%
31.3%	56.9	56.8	-0.1	-0.2%
32.5%	56.8	56.7	-0.1	-0.3%
33.8%	56.8	56.5	-0.2	-0.4%
35.0%	56.6	56.5	-0.1	-0.2%
36.3%	56.4	56.3	0.0	-0.1%
37.5%	56.3	56.3	-0.1	-0.1%
38.8%	56.2	56.0	-0.3	-0.5%
40.0%	55.7	55.8	0.1	0.2%
41.3%	55.3	55.6	0.3	0.5%
42.5%	55.2	55.3	0.2	0.3%
43.8%	55.1	55.3	0.2	0.3%
45.0%	55.1	55.1	0.0	0.1%
46.3%	55.0	55.1	0.0	0.1%
47.5%	55.0	55.0	0.0	0.1%
48.8%	54.9	55.0	0.1	0.2%
50.0%	54.8	54.9	0.0	0.0%
51.3%	54.8	54.8	0.0	0.0%
52.5%	54.7	54.8	0.1	0.2%
53.8%	54.7	54.8	0.1	0.2%
55.0%	54.7	54.7	0.0	0.0%
56.3%	54.6	54.7	0.0	0.1%
57.5%	54.5	54.7	0.1	0.2%
58.8%	54.4	54.6	0.2	0.3%
60.0%	54.4	54.5	0.2	0.3%
61.3%	54.2	54.5	0.3	0.6%
62.5%	54.1	54.3	0.2	0.3%
63.8%	54.1	54.2	0.2	0.3%
65.0%	54.0	54.1	0.1	0.2%
66.3%	54.0	54.1	0.1	0.2%
67.5%	54.0	54.1	0.1	0.1%
68.8%	53.8	54.0	0.2	0.3%
70.0%	53.8	54.0	0.2	0.3%
71.3%	53.7	54.0	0.2	0.4%
72.5%	53.7	53.8	0.2	0.4%
73.8%	53.6	53.8	0.2	0.4%
75.0%	53.6	53.6	0.0	0.1%
76.3%	53.6	53.6	0.0	0.1%
77.5%	53.5	53.6	0.0	0.1%
78.8%	53.5	53.6	0.1	0.1%
80.0%	53.5	53.5	0.0	0.0%
81.3%	53.5	53.5	0.0	0.0%
82.5%	53.4	53.4	0.0	0.0%
83.8%	53.4	53.3	-0.1	-0.1%
85.0%	53.3	53.3	0.0	0.1%
86.3%	53.2	53.3	0.0	0.1%
87.5%	53.0	53.1	0.0	0.0%
88.8%	52.9	53.0	0.1	0.2%
90.0%	52.8	52.9	0.1	0.2%
91.3%	52.8	52.8	0.0	0.1%
92.5%	52.7	52.6	-0.1	-0.2%
93.8%	52.6	52.6	0.0	0.0%
95.0%	52.5	52.3	-0.3	-0.5%
96.3%	52.3	52.2	-0.1	-0.2%
97.5%	52.2	52.1	-0.1	-0.2%
98.8%	52.1	51.7	-0.4	-0.7%
100.0%	51.4	51.3	-0.1	-0.3%

Table SQ-39-4b

American River below Nimbus Dam, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	69.5	68.8	-0.7	-1.0%
1.3%	67.8	68.8	1.0	1.5%
2.5%	67.2	68.3	1.1	1.7%
3.8%	66.0	64.7	-1.3	-2.0%
5.0%	64.6	64.4	-0.2	-0.3%
6.3%	62.8	63.5	0.8	1.2%
7.5%	62.4	62.3	-0.1	-0.2%
8.8%	62.0	62.3	0.3	0.5%
10.0%	61.7	62.1	0.4	0.7%
11.3%	61.2	61.3	0.1	0.2%
12.5%	61.0	61.2	0.2	0.3%
13.8%	61.0	61.1	0.1	0.1%
15.0%	60.9	61.0	0.1	0.1%
16.3%	60.8	60.9	0.2	0.3%
17.5%	60.7	60.9	0.2	0.3%
18.8%	60.7	60.8	0.1	0.2%
20.0%	60.6	60.8	0.2	0.3%
21.3%	60.6	60.8	0.2	0.3%
22.5%	60.5	60.8	0.3	0.5%
23.8%	60.3	60.7	0.3	0.5%
25.0%	60.3	60.5	0.3	0.5%
26.3%	60.2	60.4	0.2	0.4%
27.5%	60.0	60.3	0.2	0.4%
28.8%	59.7	59.8	0.2	0.3%
30.0%	59.6	59.7	0.2	0.3%
31.3%	59.4	59.7	0.3	0.4%
32.5%	59.4	59.6	0.2	0.4%
33.8%	59.0	59.5	0.5	0.8%
35.0%	58.9	59.5	0.5	0.9%
36.3%	58.8	59.1	0.3	0.6%
37.5%	58.5	58.7	0.2	0.4%
38.8%	58.5	58.4	0.0	0.0%
40.0%	58.3	58.3	0.0	0.0%
41.3%	58.3	58.3	0.0	0.1%
42.5%	58.2	58.0	-0.1	-0.2%
43.8%	57.9	58.0	0.0	0.1%
45.0%	57.6	57.9	0.3	0.6%
46.3%	57.5	57.9	0.4	0.7%
47.5%	57.4	57.8	0.3	0.6%
48.8%	57.3	57.6	0.3	0.5%
50.0%	57.3	57.5	0.2	0.4%
51.3%	57.3	57.4	0.2	0.3%
52.5%	57.3	57.4	0.2	0.3%
53.8%	57.2	57.4	0.2	0.3%
55.0%	57.2	57.3	0.1	0.2%
56.3%	57.2	57.3	0.1	0.2%
57.5%	57.1	57.2	0.1	0.2%
58.8%	57.1	57.2	0.2	0.3%
60.0%	57.0	57.2	0.1	0.2%
61.3%	57.0	57.1	0.1	0.1%
62.5%	57.0	57.1	0.1	0.1%
63.8%	56.8	57.0	0.2	0.4%
65.0%	56.8	57.0	0.2	0.3%
66.3%	56.8	56.9	0.2	0.3%
67.5%	56.7	56.9	0.2	0.3%
68.8%	56.7	56.8	0.2	0.3%
70.0%	56.6	56.7	0.1	0.2%
71.3%	56.6	56.7	0.2	0.3%
72.5%	56.5	56.6	0.0	0.1%
73.8%	56.4	56.5	0.1	0.2%
75.0%	56.3	56.4	0.1	0.2%
76.3%	56.2	56.3	0.0	0.1%
77.5%	56.1	56.3	0.1	0.2%
78.8%	56.1	56.2	0.1	0.2%
80.0%	56.0	56.1	0.1	0.1%
81.3%	55.9	55.9	0.0	0.0%
82.5%	55.9	55.9	0.0	0.1%
83.8%	55.9	55.9	0.0	0.0%
85.0%	55.8	55.9	0.0	0.0%
86.3%	55.8	55.8	0.0	0.0%
87.5%	55.7	55.7	0.0	0.0%
88.8%	55.6	55.6	0.0	0.0%
90.0%	55.5	55.6	0.1	0.2%
91.3%	55.5	55.4	0.0	-0.1%
92.5%	55.4	55.4	0.0	0.0%
93.8%	55.2	55.1	0.0	-0.1%
95.0%	55.1	55.1	0.0	0.1%
96.3%	54.6	54.5	-0.1	-0.2%
97.5%	54.2	54.0	-0.2	-0.3%
98.8%	54.1	54.0	-0.1	-0.2%
100.0%	53.6	53.6	0.0	-0.1%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	76.1	75.5	-0.6	-0.7%
1.3%	69.5	71.2	1.7	2.5%
2.5%	69.2	70.1	0.9	1.3%
3.8%	67.8	66.6	-1.2	-1.8%
5.0%	67.5	66.3	-1.2	-1.7%
6.3%	66.7	65.2	-1.4	-2.2%
7.5%	65.5	65.1	-0.4	-0.6%
8.8%	64.2	64.6	0.3	0.5%
10.0%	63.9	63.9	0.0	0.1%
11.3%	63.9	63.8	0.0	-0.1%
12.5%	63.8	63.6	-0.1	-0.2%
13.8%	63.6	63.3	-0.2	-0.4%
15.0%	63.3	63.1	-0.1	-0.2%
16.3%	63.1	63.0	-0.1	-0.2%
17.5%	63.0	62.6	-0.4	-0.6%
18.8%	63.0	62.5	-0.5	-0.7%
20.0%	62.7	62.3	-0.4	-0.6%
21.3%	62.4	62.3	-0.1	-0.2%
22.5%	62.2	62.1	-0.1	-0.2%
23.8%	61.9	62.0	0.1	0.2%
25.0%	61.9	61.6	-0.2	-0.4%
26.3%	61.7	61.6	0.0	0.0%
27.5%	61.7	61.6	-0.1	-0.1%
28.8%	61.6	61.6	0.0	0.0%
30.0%	61.5	61.5	0.0	0.0%
31.3%	61.5	61.5	0.0	0.0%
32.5%	61.4	61.4	0.0	-0.1%
33.8%	61.4	61.3	-0.1	-0.1%
35.0%	61.4	61.3	-0.1	-0.1%
36.3%	61.4	61.3	-0.1	-0.1%
37.5%	61.3	61.2	-0.1	-0.1%
38.8%	61.3	61.2	-0.1	-0.2%
40.0%	61.3	61.2	-0.1	-0.2%
41.3%	61.3	61.1	-0.2	-0.3%
42.5%	61.2	61.0	-0.1	-0.2%
43.8%	61.2	61.0	-0.1	-0.2%
45.0%	61.1	61.0	-0.1	-0.2%
46.3%	61.0	60.7	-0.4	-0.6%
47.5%	61.0	60.6	-0.4	-0.6%
48.8%	61.0	60.5	-0.4	-0.7%
50.0%	61.0	60.5	-0.4	-0.7%
51.3%	60.9	60.5	-0.4	-0.7%
52.5%	60.8	60.5	-0.4	-0.6%
53.8%	60.6	60.3	-0.3	-0.5%
55.0%	60.5	60.3	-0.3	-0.4%
56.3%	60.3	60.3	0.0	0.0%
57.5%	60.3	60.3	0.0	0.0%
58.8%	60.3	60.1	-0.2	-0.3%
60.0%	60.2	60.1	-0.2	-0.3%
61.3%	60.1	60.0	-0.1	-0.1%
62.5%	60.0	60.0	0.0	-0.1%
63.8%	60.0	60.0	-0.1	-0.1%
65.0%	60.0	59.9	-0.1	-0.1%
66.3%	59.9	59.9	0.0	-0.1%
67.5%	59.9	59.9	0.0	-0.1%
68.8%	59.9	59.8	0.0	-0.1%
70.0%	59.9	59.8	-0.1	-0.1%
71.3%	59.8	59.8	-0.1	-0.1%
72.5%	59.8	59.8	0.0	0.0%
73.8%	59.7	59.8	0.0	0.0%
75.0%	59.7	59.5	-0.2	-0.3%
76.3%	59.7	59.5	-0.2	-0.4%
77.5%	59.6	59.4	-0.2	-0.3%
78.8%	59.4	59.4	0.0	0.0%
80.0%	59.3	59.4	0.0	0.0%
81.3%	59.3	59.3	-0.1	-0.1%
82.5%	59.3	59.3	-0.1	-0.1%
83.8%	59.3	59.2	0.0	-0.1%
85.0%	59.2	59.2	0.0	0.1%
86.3%	59.1	59.2	0.1	0.1%
87.5%	59.1	59.0	-0.1	-0.2%
88.8%	59.0	58.9	-0.1	-0.2%
90.0%	59.0	58.9	-0.1	-0.1%
91.3%	59.0	58.6	-0.3	-0.5%
92.5%	58.7	58.6	-0.1	-0.2%
93.8%	58.6	58.5	-0.1	-0.1%
95.0%	58.4	58.3	-0.1	-0.1%
96.3%	57.7	57.7	-0.1	-0.1%
97.5%	57.5	57.5	-0.1	-0.1%
98.8%	56.8	56.7	-0.1	-0.2%
100.0%	56.3	56.2	0.0	0.0%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	76.7	75.4	-1.3	-1.6%
1.3%	72.8	71.1	-1.8	-2.4%
2.5%	71.4	69.6	-1.8	-2.5%
3.8%	68.7	67.5	-1.2	-1.8%
5.0%	68.3	66.4	-1.8	-2.7%
6.3%	67.8	66.4	-1.4	-2.1%
7.5%	65.7	65.1	-0.6	-0.9%
8.8%	65.5	64.6	-0.8	-1.3%
10.0%	65.2	64.3	-0.9	-1.4%
11.3%	65.0	64.2	-0.8	-1.3%
12.5%	64.2	63.9	-0.2	-0.4%
13.8%	64.0	63.6	-0.4	-0.6%
15.0%	63.9	63.4	-0.5	-0.8%
16.3%	63.8	63.3	-0.5	-0.7%
17.5%	63.8	63.2	-0.6	-0.9%
18.8%	63.6	63.2	-0.5	-0.7%
20.0%	63.4	63.1	-0.2	-0.4%
21.3%	63.3	63.0	-0.4	-0.6%
22.5%	63.1	63.0	-0.2	-0.3%
23.8%	63.0	62.9	-0.1	-0.1%
25.0%	63.0	62.8	-0.2	-0.2%
26.3%	62.9	62.8	-0.2	-0.3%
27.5%	62.7	62.8	0.0	0.1%
28.8%	62.7	62.6	-0.1	-0.2%
30.0%	62.7	62.5	-0.2	-0.3%
31.3%	62.6	62.4	-0.3	-0.4%
32.5%	62.4	62.3	-0.1	-0.1%
33.8%	62.4	62.3	0.0	-0.1%
35.0%	62.3	62.2	-0.1	-0.2%
36.3%	62.3	62.2	-0.1	-0.2%
37.5%	62.1	62.2	0.1	0.1%
38.8%	62.1	62.0	-0.1	-0.1%
40.0%	62.0	62.0	0.0	0.0%
41.3%	62.0	62.0	0.0	0.1%
42.5%	61.9	62.0	0.1	0.1%
43.8%	61.9	62.0	0.1	0.1%
45.0%	61.9	61.9	0.0	0.0%
46.3%	61.9	61.9	0.0	0.1%
47.5%	61.8	61.8	0.0	0.0%
48.8%	61.8	61.7	-0.1	-0.1%
50.0%	61.8	61.6	-0.2	-0.3%
51.3%	61.8	61.3	-0.4	-0.7%
52.5%	61.8	61.3	-0.4	-0.7%
53.8%	61.5	61.3	-0.3	-0.4%
55.0%	61.5	61.3	-0.3	-0.4%
56.3%	61.4	61.2	-0.2	-0.3%
57.5%	61.4	61.2	-0.2	-0.3%
58.8%	61.3	61.2	-0.2	-0.2%
60.0%	61.3	61.1	-0.2	-0.4%
61.3%	61.3	61.0	-0.2	-0.4%
62.5%	61.2	61.0	-0.3	-0.4%
63.8%	61.2	60.8	-0.4	-0.6%
65.0%	61.2	60.8	-0.4	-0.7%
66.3%	61.1	60.8	-0.4	-0.6%
67.5%	61.1	60.8	-0.4	-0.6%
68.8%	61.1	60.7	-0.3	-0.5%
70.0%	60.9	60.6	-0.3	-0.5%
71.3%	60.8	60.6	-0.2	-0.3%
72.5%	60.7	60.6	-0.1	-0.2%
73.8%	60.7	60.6	-0.1	-0.2%
75.0%	60.6	60.4	-0.3	-0.4%
76.3%	60.6	60.3	-0.3	-0.4%
77.5%	60.6	60.3	-0.3	-0.5%
78.8%	60.5	60.3	-0.2	-0.3%
80.0%	60.4	60.2	-0.2	-0.3%
81.3%	60.2	60.1	-0.1	-0.2%
82.5%	60.1	60.1	0.0	0.0%
83.8%	60.0	60.0	0.0	0.0%
85.0%	59.9	60.0	0.1	0.2%
86.3%	59.8	59.9	0.1	0.1%
87.5%	59.8	59.8	0.0	0.1%
88.8%	59.6	59.8	0.2	0.4%
90.0%	59.5	59.7	0.2	0.3%
91.3%	59.5	59.6	0.1	0.2%
92.5%	59.5	59.5	0.0	0.1%
93.8%	59.4	59.4	0.0	0.0%
95.0%	59.2	59.3	0.1	0.2%
96.3%	58.9	59.0	0.1	0.2%
97.5%	58.8	58.7	-0.1	-0.2%
98.8%	58.8	58.7	-0.1	-0.2%
100.0%	58.7	58.6	-0.1	-0.1%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	72.5	71.3	-1.2	-1.6%
1.3%	71.5	70.0	-1.5	-2.0%
2.5%	70.8	68.2	-2.7	-3.7%
3.8%	68.7	67.8	-0.9	-1.3%
5.0%	67.5	67.4	-0.1	-0.1%
6.3%	67.4	66.3	-1.1	-1.7%
7.5%	66.4	66.0	-0.4	-0.6%
8.8%	66.3	65.2	-1.2	-1.8%
10.0%	66.2	64.8	-1.4	-2.1%
11.3%	65.5	64.7	-0.8	-1.3%
12.5%	65.0	64.6	-0.4	-0.6%
13.8%	64.9	64.4	-0.5	-0.7%
15.0%	64.6	64.2	-0.4	-0.6%
16.3%	64.2	64.0	-0.2	-0.3%
17.5%	63.3	64.0	0.7	1.1%
18.8%	63.3	63.6	0.3	0.5%
20.0%	63.1	63.5	0.5	0.7%
21.3%	63.0	63.2	0.2	0.3%
22.5%	63.0	62.6	-0.4	-0.6%
23.8%	62.8	62.5	-0.3	-0.5%
25.0%	62.8	62.5	-0.3	-0.5%
26.3%	62.7	62.5	-0.3	-0.4%
27.5%	62.6	62.5	-0.1	-0.2%
28.8%	62.5	62.4	-0.1	-0.1%
30.0%	62.4	62.3	-0.1	-0.2%
31.3%	62.3	62.3	0.0	0.0%
32.5%	62.3	62.3	0.0	0.0%
33.8%	62.2	62.2	0.0	0.0%
35.0%	62.2	62.1	-0.1	-0.1%
36.3%	62.1	62.0	-0.1	-0.2%
37.5%	62.1	62.0	-0.1	-0.1%
38.8%	62.1	62.0	-0.1	-0.2%
40.0%	62.1	62.0	-0.1	-0.2%
41.3%	61.9	61.9	0.0	0.0%
42.5%	61.9	61.9	0.0	0.0%
43.8%	61.9	61.9	0.0	0.0%
45.0%	61.8	61.8	0.0	0.0%
46.3%	61.8	61.8	0.0	0.0%
47.5%	61.7	61.8	0.0	0.1%
48.8%	61.7	61.8	0.0	0.1%
50.0%	61.7	61.7	0.0	0.0%
51.3%	61.7	61.6	-0.1	-0.2%
52.5%	61.6	61.5	-0.1	-0.1%
53.8%	61.5	61.4	-0.1	-0.1%
55.0%	61.5	61.3	-0.2	-0.3%
56.3%	61.5	61.3	-0.2	-0.3%
57.5%	61.5	61.3	-0.2	-0.3%
58.8%	61.5	61.3	-0.2	-0.3%
60.0%	61.4	61.3	-0.2	-0.3%
61.3%	61.4	61.2	-0.2	-0.3%
62.5%	61.2	61.2	0.0	0.0%
63.8%	61.1	61.0	-0.1	-0.2%
65.0%	61.0	61.0	-0.1	-0.1%
66.3%	60.9	60.9	0.0	0.0%
67.5%	60.7	60.8	0.1	0.1%
68.8%	60.7	60.7	0.1	0.1%
70.0%	60.7	60.7	0.0	0.0%
71.3%	60.6	60.7	0.0	0.1%
72.5%	60.6	60.6	0.0	0.0%
73.8%	60.6	60.5	-0.1	-0.1%
75.0%	60.6	60.5	-0.1	-0.1%
76.3%	60.6	60.5	-0.1	-0.2%
77.5%	60.5	60.3	-0.3	-0.4%
78.8%	60.3	60.3	-0.1	-0.1%
80.0%	60.3	60.2	-0.1	-0.1%
81.3%	60.3	60.2	0.0	-0.1%
82.5%	60.2	60.2	0.0	-0.1%
83.8%	60.2	60.1	-0.1	-0.1%
85.0%	60.1	60.1	0.0	-0.1%
86.3%	60.0	60.0	0.0	0.0%
87.5%	60.0	60.0	0.0	0.0%
88.8%	60.0	60.0	0.0	0.0%
90.0%	60.0	60.0	0.0	-0.1%
91.3%	59.7	59.8	0.1	0.2%
92.5%	59.7	59.8	0.1	0.2%
93.8%	59.5	59.4	0.0	0.0%
95.0%	59.4	59.4	0.0	0.0%
96.3%	59.4	59.1	-0.3	-0.5%
97.5%	59.4	58.9	-0.4	-0.7%
98.8%	58.9	58.8	-0.1	-0.2%
100.0%	58.0	58.7	0.7	1.3%

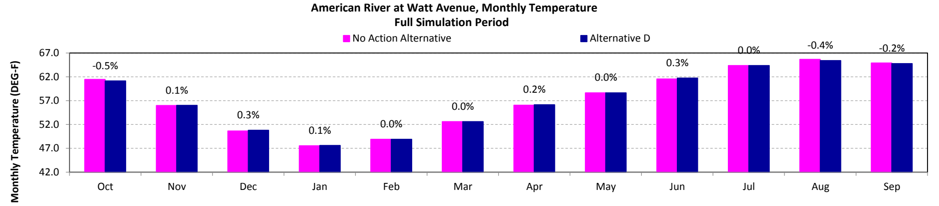
Table SQ-40-4a
American River at Watt Avenue, Monthly Temperature
Long-term Average and Average by Water Year Type

Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEG-F)											
Long-term												
Full Simulation Period[1]												
No Action Alternative	61.4	56.0	50.7	47.5	48.9	52.6	56.0	58.6	61.6	64.4	65.7	64.9
Alternative D	61.1	56.0	50.8	47.6	48.9	52.6	56.1	58.7	61.7	64.4	65.4	64.8
Difference	-0.3	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.2	0.0	-0.3	-0.1
Percent Difference[3]	-0.5%	0.1%	0.3%	0.1%	0.0%	0.0%	0.2%	0.0%	0.3%	0.0%	-0.4%	-0.2%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	60.1	56.1	51.4	47.8	48.6	51.4	54.4	55.8	58.6	62.6	63.7	63.1
Alternative D	59.8	56.2	51.5	47.8	48.6	51.4	54.4	55.7	58.6	62.6	63.6	63.3
Difference	-0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1
Percent Difference	-0.5%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	-0.2%	0.2%
Above Normal (15%)												
No Action Alternative	60.2	55.5	50.5	47.8	48.4	51.6	55.1	57.4	60.4	63.2	64.4	63.5
Alternative D	59.9	55.7	50.7	47.9	48.4	51.7	55.2	57.4	60.5	63.2	64.1	63.5
Difference	-0.3	0.2	0.2	0.1	0.0	0.1	0.1	0.1	0.1	-0.1	-0.2	0.0
Percent Difference	-0.6%	0.3%	0.4%	0.1%	0.1%	0.2%	0.2%	0.1%	0.2%	-0.1%	-0.4%	0.0%
Below Normal (17%)												
No Action Alternative	60.8	56.2	51.1	47.3	48.3	52.6	56.1	58.3	61.3	63.5	64.9	64.1
Alternative D	60.7	56.1	51.2	47.4	48.3	52.6	56.0	58.2	61.3	63.5	64.6	64.0
Difference	-0.1	0.0	0.1	0.0	0.0	0.0	-0.1	-0.1	0.1	0.0	-0.3	-0.1
Percent Difference	-0.2%	-0.1%	0.2%	0.1%	0.0%	0.0%	-0.2%	-0.2%	0.1%	0.0%	-0.5%	-0.2%
Dry (22%)												
No Action Alternative	62.6	55.9	50.4	47.4	49.5	53.4	57.1	60.5	63.0	64.9	66.2	65.6
Alternative D	62.1	55.9	50.6	47.5	49.5	53.5	57.4	61.0	63.6	64.8	65.9	65.4
Difference	-0.4	0.1	0.2	0.1	0.0	0.1	0.2	0.4	0.6	-0.1	-0.3	-0.2
Percent Difference	-0.7%	0.2%	0.4%	0.2%	0.0%	0.2%	0.4%	0.7%	1.0%	-0.1%	-0.5%	-0.3%
Critical (15%)												
No Action Alternative	64.6	56.0	49.0	47.2	49.9	54.9	58.9	63.7	67.2	69.7	71.4	70.0
Alternative D	64.3	56.0	49.1	47.3	50.0	54.8	59.2	63.3	67.3	69.8	70.9	69.3
Difference	-0.2	0.1	0.1	0.1	0.1	-0.1	0.2	-0.4	0.0	0.0	-0.5	-0.7
Percent Difference	-0.4%	0.1%	0.2%	0.2%	0.2%	-0.1%	0.4%	-0.6%	0.1%	0.0%	-0.6%	-1.0%

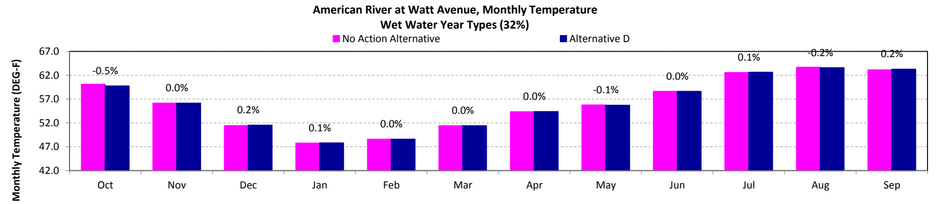
1 Based on the 82-year simulation period

2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

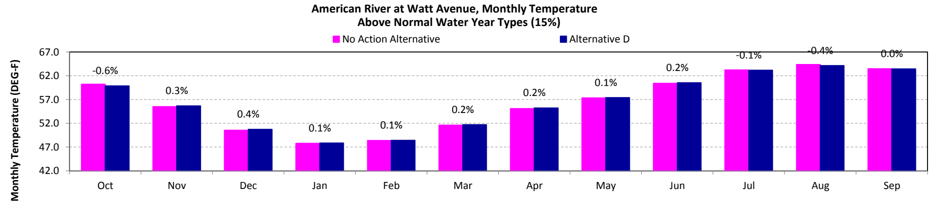
3 Relative difference of the monthly average



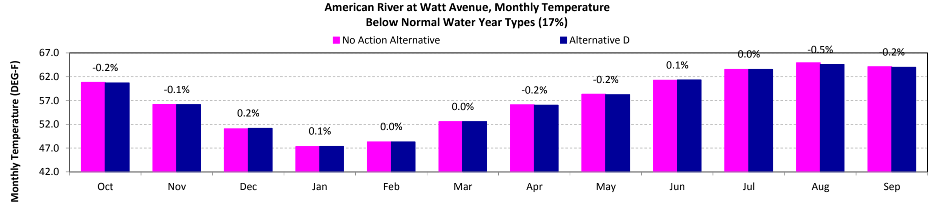
American River at Watt Avenue, Monthly Temperature
Full Simulation Period



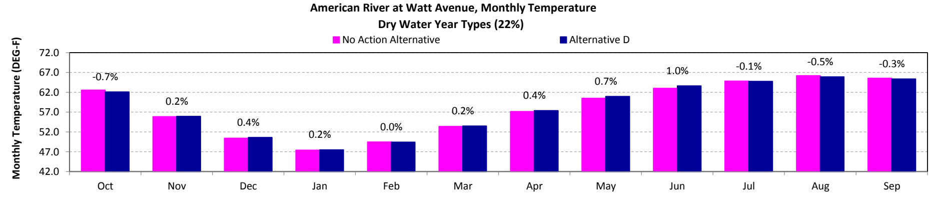
American River at Watt Avenue, Monthly Temperature
Wet Water Year Types (32%)



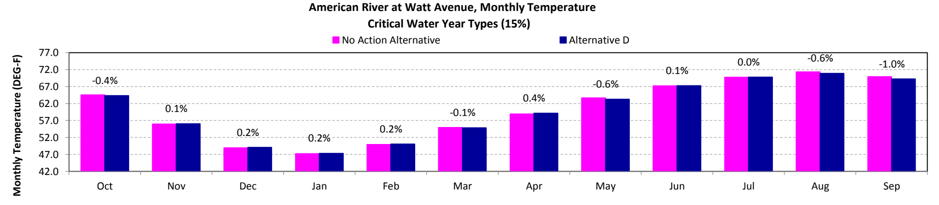
American River at Watt Avenue, Monthly Temperature
Above Normal Water Year Types (15%)



American River at Watt Avenue, Monthly Temperature
Below Normal Water Year Types (17%)



American River at Watt Avenue, Monthly Temperature
Dry Water Year Types (22%)



American River at Watt Avenue, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-40-4b
American River at Watt Avenue, Monthly Temperature
Probability of Exceedance

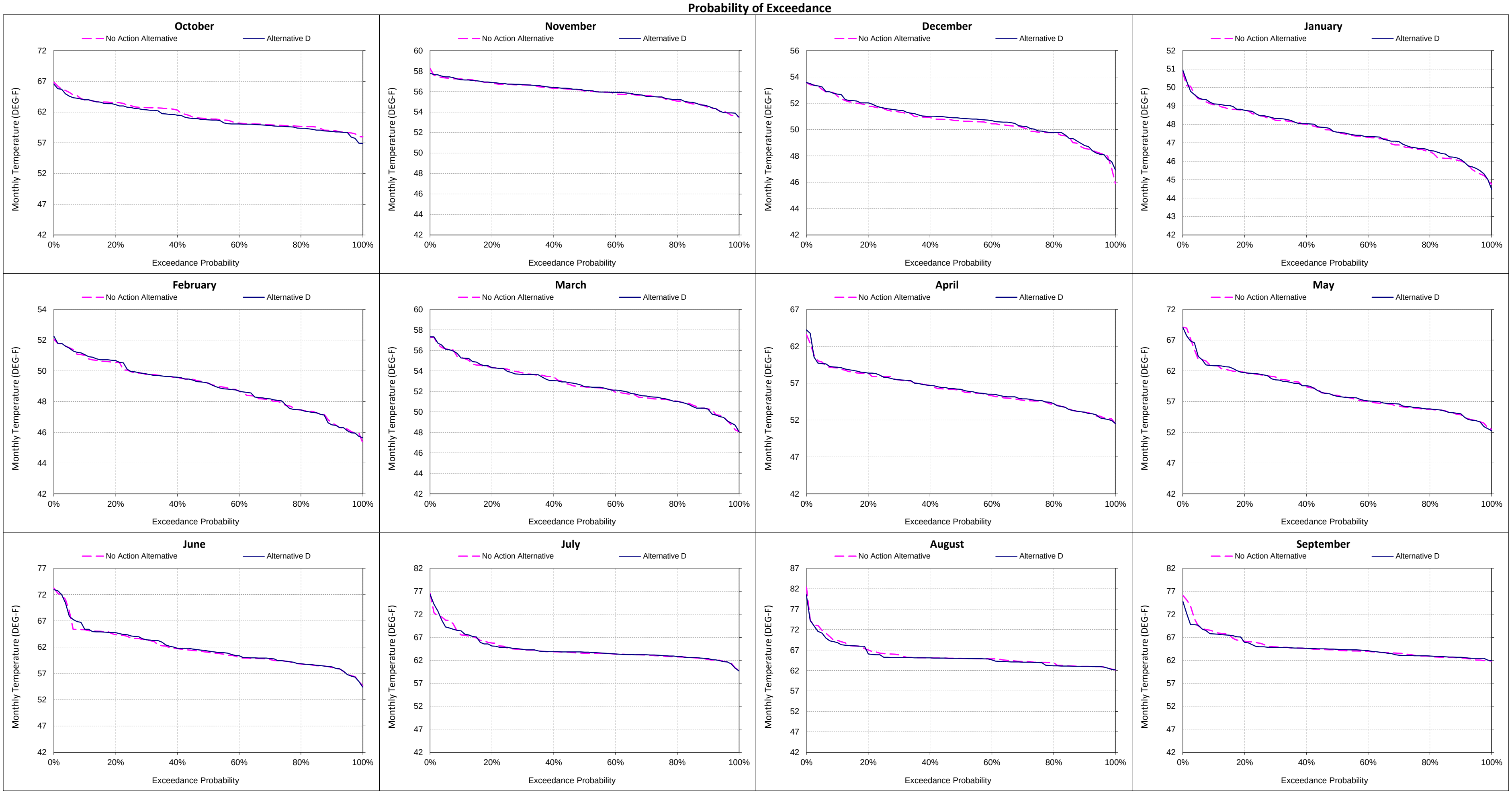


Table SQ-40-4b

American River at Watt Avenue, Monthly Temperature
Probability of Exceedance

October

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	66.9	66.5	-0.3	-0.5%
1.3%	66.2	65.8	-0.4	-0.7%
2.5%	65.7	65.7	0.0	0.0%
3.8%	65.5	65.0	-0.6	-0.9%
5.0%	65.2	64.6	-0.6	-0.9%
6.3%	64.8	64.3	-0.4	-0.7%
7.5%	64.7	64.3	-0.4	-0.6%
8.8%	64.2	64.1	-0.1	-0.1%
10.0%	64.0	64.0	0.0	0.1%
11.3%	63.9	64.0	0.1	0.1%
12.5%	63.8	63.8	0.0	0.0%
13.8%	63.7	63.7	0.0	0.0%
15.0%	63.7	63.6	0.0	0.0%
16.3%	63.6	63.4	-0.2	-0.3%
17.5%	63.6	63.4	-0.3	-0.4%
18.8%	63.5	63.3	-0.2	-0.3%
20.0%	63.5	63.2	-0.3	-0.5%
21.3%	63.5	63.0	-0.5	-0.8%
22.5%	63.4	63.0	-0.4	-0.6%
23.8%	63.1	62.8	-0.4	-0.6%
25.0%	63.0	62.7	-0.3	-0.5%
26.3%	62.8	62.6	-0.3	-0.4%
27.5%	62.8	62.5	-0.3	-0.4%
28.8%	62.8	62.4	-0.3	-0.5%
30.0%	62.7	62.4	-0.4	-0.6%
31.3%	62.7	62.3	-0.4	-0.7%
32.5%	62.7	62.3	-0.4	-0.7%
33.8%	62.7	62.2	-0.5	-0.7%
35.0%	62.6	61.7	-0.9	-1.4%
36.3%	62.6	61.7	-0.9	-1.4%
37.5%	62.5	61.6	-0.9	-1.5%
38.8%	62.5	61.6	-0.9	-1.4%
40.0%	62.3	61.5	-0.8	-1.3%
41.3%	61.8	61.5	-0.3	-0.5%
42.5%	61.6	61.1	-0.5	-0.8%
43.8%	61.5	61.0	-0.4	-0.7%
45.0%	61.2	61.0	-0.2	-0.3%
46.3%	61.1	60.9	-0.1	-0.2%
47.5%	61.0	60.8	-0.2	-0.3%
48.8%	61.0	60.8	-0.2	-0.3%
50.0%	60.9	60.7	-0.2	-0.3%
51.3%	60.9	60.7	-0.2	-0.3%
52.5%	60.8	60.7	-0.2	-0.3%
53.8%	60.8	60.6	-0.1	-0.2%
55.0%	60.7	60.2	-0.5	-0.8%
56.3%	60.7	60.1	-0.5	-0.9%
57.5%	60.5	60.1	-0.4	-0.7%
58.8%	60.2	60.1	-0.2	-0.3%
60.0%	60.2	60.0	-0.1	-0.2%
61.3%	60.1	60.0	-0.1	-0.1%
62.5%	60.0	60.0	0.0	0.0%
63.8%	60.0	60.0	0.0	-0.1%
65.0%	60.0	60.0	-0.1	-0.1%
66.3%	60.0	60.0	-0.1	-0.1%
67.5%	60.0	59.9	-0.1	-0.2%
68.8%	60.0	59.8	-0.1	-0.2%
70.0%	59.9	59.8	-0.1	-0.2%
71.3%	59.9	59.7	-0.2	-0.3%
72.5%	59.8	59.7	-0.2	-0.3%
73.8%	59.8	59.7	-0.1	-0.2%
75.0%	59.8	59.6	-0.1	-0.2%
76.3%	59.8	59.6	-0.2	-0.3%
77.5%	59.8	59.5	-0.2	-0.3%
78.8%	59.7	59.4	-0.3	-0.5%
80.0%	59.7	59.4	-0.3	-0.5%
81.3%	59.7	59.3	-0.3	-0.5%
82.5%	59.6	59.3	-0.4	-0.6%
83.8%	59.6	59.2	-0.4	-0.7%
85.0%	59.6	59.1	-0.5	-0.9%
86.3%	59.3	59.0	-0.3	-0.5%
87.5%	59.0	58.9	-0.1	-0.2%
88.8%	59.0	58.9	-0.1	-0.2%
90.0%	59.0	58.8	-0.1	-0.3%
91.3%	58.9	58.8	-0.2	-0.3%
92.5%	58.8	58.8	0.0	0.0%
93.8%	58.7	58.7	0.0	-0.1%
95.0%	58.6	58.7	0.0	0.1%
96.3%	58.6	57.9	-0.7	-1.1%
97.5%	58.5	57.7	-0.7	-1.3%
98.8%	58.0	56.9	-1.1	-1.8%
100.0%	58.0	56.9	-1.1	-1.9%

November

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	58.2	57.8	-0.4	-0.8%
1.3%	57.6	57.7	0.1	0.1%
2.5%	57.5	57.6	0.2	0.3%
3.8%	57.4	57.5	0.1	0.2%
5.0%	57.3	57.4	0.1	0.2%
6.3%	57.3	57.4	0.1	0.2%
7.5%	57.3	57.3	0.1	0.2%
8.8%	57.2	57.2	0.0	0.0%
10.0%	57.2	57.2	-0.1	-0.1%
11.3%	57.2	57.1	0.0	-0.1%
12.5%	57.2	57.1	0.0	0.0%
13.8%	57.1	57.1	-0.1	-0.1%
15.0%	57.0	57.1	0.1	0.1%
16.3%	57.0	57.0	0.0	0.0%
17.5%	56.9	56.9	0.0	0.0%
18.8%	56.9	56.9	0.0	0.0%
20.0%	56.8	56.9	0.1	0.1%
21.3%	56.8	56.9	0.1	0.2%
22.5%	56.7	56.8	0.1	0.2%
23.8%	56.7	56.8	0.1	0.2%
25.0%	56.7	56.7	0.0	0.1%
26.3%	56.7	56.7	0.1	0.1%
27.5%	56.7	56.7	0.0	0.1%
28.8%	56.7	56.7	0.0	0.1%
30.0%	56.7	56.7	0.0	0.1%
31.3%	56.6	56.7	0.0	0.0%
32.5%	56.6	56.6	0.0	0.0%
33.8%	56.6	56.6	0.0	0.0%
35.0%	56.5	56.6	0.1	0.2%
36.3%	56.4	56.5	0.1	0.2%
37.5%	56.4	56.5	0.1	0.1%
38.8%	56.4	56.4	0.1	0.1%
40.0%	56.3	56.4	0.1	0.2%
41.3%	56.3	56.4	0.1	0.1%
42.5%	56.3	56.3	0.0	0.1%
43.8%	56.3	56.3	0.0	0.1%
45.0%	56.2	56.3	0.1	0.1%
46.3%	56.2	56.2	0.0	0.0%
47.5%	56.2	56.2	0.0	0.1%
48.8%	56.2	56.2	0.0	0.1%
50.0%	56.0	56.1	0.1	0.1%
51.3%	56.0	56.1	0.0	0.1%
52.5%	56.0	56.1	0.0	0.1%
53.8%	56.0	56.0	0.0	-0.1%
55.0%	56.0	56.0	0.0	0.0%
56.3%	56.0	56.0	0.0	0.0%
57.5%	55.9	55.9	0.0	0.0%
58.8%	55.9	55.9	0.0	0.1%
60.0%	55.8	55.9	0.2	0.3%
61.3%	55.7	55.9	0.2	0.3%
62.5%	55.7	55.9	0.2	0.3%
63.8%	55.7	55.9	0.1	0.2%
65.0%	55.7	55.8	0.1	0.2%
66.3%	55.7	55.7	0.0	0.1%
67.5%	55.6	55.7	0.1	0.1%
68.8%	55.6	55.7	0.0	0.1%
70.0%	55.6	55.5	-0.1	-0.1%
71.3%	55.6	55.5	-0.1	-0.1%
72.5%	55.5	55.5	0.0	-0.1%
73.8%	55.5	55.5	0.0	0.0%
75.0%	55.5	55.5	0.0	0.0%
76.3%	55.3	55.3	0.1	0.1%
77.5%	55.2	55.3	0.1	0.1%
78.8%	55.1	55.2	0.1	0.2%
80.0%	55.1	55.2	0.2	0.3%
81.3%	55.1	55.2	0.1	0.3%
82.5%	55.0	55.0	0.1	0.1%
83.8%	54.9	55.0	0.1	0.1%
85.0%	54.8	55.0	0.2	0.3%
86.3%	54.8	54.8	0.1	0.1%
87.5%	54.8	54.7	-0.1	-0.1%
88.8%	54.6	54.7	0.0	0.1%
90.0%	54.5	54.6	0.1	0.2%
91.3%	54.3	54.4	0.1	0.1%
92.5%	54.3	54.3	0.0	0.0%
93.8%	54.1	54.1	0.0	0.0%
95.0%	54.1	54.0	-0.1	-0.2%
96.3%	53.9	53.9	0.0	0.0%
97.5%	53.7	53.9	0.2	0.4%
98.8%	53.6	53.9	0.3	0.5%
100.0%	53.5	53.5	0.0	-0.1%

December

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.6	53.6	0.0	0.0%
1.3%	53.4	53.5	0.1	0.2%
2.5%	53.4	53.3	0.0	-0.1%
3.8%	53.3	53.3	0.0	0.0%
5.0%	53.1	53.3	0.2	0.4%
6.3%	52.9	52.9	0.0	0.0%
7.5%	52.8	52.9	0.0	0.1%
8.8%	52.8	52.8	-0.1	-0.1%
10.0%	52.5	52.7	0.1	0.3%
11.3%	52.3	52.7	0.3	0.6%
12.5%	52.2	52.3	0.1	0.1%
13.8%	52.1	52.2	0.1	0.2%
15.0%	52.1	52.2	0.1	0.2%
16.3%	52.0	52.2	0.2	0.3%
17.5%	52.0	52.0	0.1	0.1%
18.8%	51.9	52.0	0.1	0.3%
20.0%	51.8	52.0	0.3	0.5%
21.3%	51.8	51.9	0.2	0.3%
22.5%	51.7	51.8	0.1	0.2%
23.8%	51.6	51.7	0.0	0.1%
25.0%	51.6	51.6	0.0	0.1%
26.3%	51.5	51.6	0.1	0.2%
27.5%	51.4	51.5	0.1	0.3%
28.8%	51.4	51.5	0.1	0.2%
30.0%	51.3	51.5	0.1	0.3%
31.3%	51.3	51.5	0.2	0.3%
32.5%	51.2	51.3	0.1	0.2%
33.8%	51.2	51.3	0.0	0.1%
35.0%	51.0	51.2	0.2	0.4%
36.3%	51.0	51.1	0.1	0.3%
37.5%	51.0	51.0	0.1	0.2%
38.8%	51.0	51.0	0.1	0.1%
40.0%	50.9	51.0	0.1	0.2%
41.3%	50.8	51.0	0.2	0.4%
42.5%	50.8	51.0	0.2	0.4%
43.8%	50.8	51.0	0.2	0.4%
45.0%	50.8	51.0	0.2	0.4%
46.3%	50.8	50.9	0.1	0.3%
47.5%	50.7	50.9	0.2	0.4%
48.8%	50.7	50.9	0.2	0.4%
50.0%	50.7	50.9	0.2	0.4%
51.3%	50.6	50.8	0.2	0.4%
52.5%	50.6	50.8	0.2	0.4%
53.8%	50.6	50.8	0.2	0.4%
55.0%	50.6	50.8	0.2	0.4%
56.3%	50.6	50.8	0.2	0.3%
57.5%	50.6	50.7	0.2	0.3%
58.8%	50.5	50.7	0.2	0.5%
60.0%	50.4	50.7	0.2	0.5%
61.3%	50.4	50.6	0.2	0.3%
62.5%	50.4	50.6	0.2	0.4%
63.8%	50.4	50.6	0.2	0.4%
65.0%	50.3	50.6	0.2	0.5%
66.3%	50.3	50.5	0.2	0.5%
67.5%	50.3	50.5	0.2	0.4%
68.8%	50.3	50.3	0.0	0.1%
70.0%	50.2	50.3	0.1	0.2%
71.3%	50.1	50.2	0.2	0.3%
72.5%	49.9	50.1	0.2	0.4%
73.8%	49.9	50.0	0.2	0.4%
75.0%	49.8	49.9	0.1	0.2%
76.3%	49.8	49.9	0.1	0.2%
77.5%	49.8	49.8	0.1	0.1%
78.8%	49.8	49.8	0.0	0.0%
80.0%	49.8	49.8	0.0	0.0%
81.3%	49.7	49.8	0.1	0.1%
82.5%	49.6	49.8	0.2	0.4%
83.8%	49.5	49.6	0.1	0.1%
85.0%	49.4	49.3	-0.1	-0.2%
86.3%	49.0	49.3	0.3	0.6%
87.5%	49.0	49.1	0.2	0.3%
88.8%	48.7	49.0	0.3	0.5%
90.0%	48.6	48.8	0.2	0.4%
91.3%	48.5	48.7	0.2	0.4%
92.5%	48.4	48.4	0.0	-0.1%
93.8%	48.3	48.2	-0.1	-0.2%
95.0%	48.2	48.1	-0.1	-0.2%
96.3%	48.1	48.1	0.0	-0.1%
97.5%	48.0	47.7	-0.2	-0.5%
98.8%	47.1	47.6	0.5	1.0%
100.0%	45.9	46.9	1.0	2.3%

January

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.8	50.9	0.1	0.2%
1.3%	50.1	50.3	0.2	0.5%
2.5%	50.1	49.8	-0.3	-0.6%
3.8%	49.6	49.6	0.0	-0.1%
5.0%	49.4	49.4	0.0	0.1%
6.3%	49.4	49.4	0.0	0.0%
7.5%	49.2	49.3	0.1	0.2%
8.8%	49.1	49.2	0.1	0.1%
10.0%	49.1	49.1	0.0	0.1%
11.3%	49.0	49.1	0.0	0.1%
12.5%	49.0	49.1	0.1	0.2%
13.8%	48.9	49.0	0.1	0.3%
15.0%	48.8	49.0	0.2	0.5%
16.3%	48.8	49.0	0.2	0.3%
17.5%	48.8	48.8	0.0	0.0%
18.8%	48.8	48.8	0.0	0.1%
20.0%	48.8	48.8	0.0	0.0%
21.3%	48.7	48.7	0.0	0.0%
22.5%	48.6	48.7	0.1	0.3%
23.8%	48.5	48.6	0.0	0.1%
25.0%	48.5	48.5	0.0	0.0%
26.3%	48.4	48.5	0.0	0.1%
27.5%	48.3	48.4	0.1	0.2%
28.8%	48.3	48.4	0.0	0.1%
30.0%	48.2	48.3	0.1	0.2%
31.3%	48.2	48.3	0.1	0.2%
32.5%	48.2	48.3	0.1	0.2%
33.8%	48.2	48.3	0.1	0.2%
35.0%	48.2	48.2	0.1	0.1%
36.3%	48.1	48.1	0.0	0.0%
37.5%	48.1	48.0	-0.1	-0.1%
38.8%	48.0	48.0	0.0	0.0%
40.0%	48.0	48.0	0.0	0.1%
41.3%	48.0	48.0	0.1	0.1%
42.5%	47.9	48.0	0.1	0.2%
43.8%	47.8	47.9	0.0	0.0%
45.0%	47.8	47.8	0.0	0.0%
46.3%	47.7	47.8	0.1	0.2%
47.5%	47.7	47.8	0.1	0.2%
48.8%	47.6	47.6	0.0	0.0%
50.0%	47.6	47.6	0.0	-0.1%
51.3%	47.5	47.5	0.0	0.1%
52.5%	47.5	47.5	0.0	0.1%
53.8%	47.4	47.5	0.1	0.1%
55.0%	47.4	47.4	0.0	0.1%
56.3%	47.4	47.4	0.0	0.1%
57.5%	47.3	47.4	0.1	0.1%
58.8%	47.3	47.3	0.0	0.0%
60.0%	47.3	47.3	0.0	0.1%
61.3%	47.3	47.3	0.1	0.1%
62.5%	47.3	47.3	0.0	0.1%
63.8%	47.2	47.3	0.1	0.2%
65.0%	47.2	47.2	0.0	-0.1%
66.3%	47.2	47.1	0.0	-0.1%
67.5%	46.9	47.1	0.2	0.3%
68.8%	46.9	47.1	0.2	0.4%
70.0%	46.9	47.1	0.2	0.4%
71.3%	46.8	46.9	0.1	0.3%
72.5%	46.7	46.8	0.1	0.2%
73.8%	46.7	46.8	0.0	0.1%
75.0%	46.7	46.7	0.0	0.1%
76.3%	46.6	46.7	0.1	0.2%
77.5%	46.6	46.7	0.1	0.1%
78.8%	46.6	46.7	0.1	0.2%
80.0%	46.5	46.6	0.0	0.1%
81.3%	46.4	46.5	0.1	0.3%
82.5%	46.2	46.5	0.3	0.6%
83.8%	46.2	46.4	0.2	0.5%
85.0%	46.2	46.4	0.2	0.5%
86.3%	46.2	46.2	0.1	0.2%
87.5%	46.1	46.2	0.1	0.2%
88.8%	46.1	46.2	0.1	0.3%
90.0%	46.0	46.1	0.1	0.2%
91.3%	45.9	45.9	0.0	0.0%
92.5%	45.8	45.7	0.0	-0.1%
93.8%	45.5	45.7	0.1	0.3%
95.0%	45.4	45.6	0.2	0.4%
96.3%	45.3	45.5	0.2	0.4%
97.5%	45.2	45.3	0.1	0.2%
98.8%	45.0	45.0	0.0	0.0%
100.0%	44.8	44.5	-0.3	-0.6%

Table SQ-40-4b

American River at Watt Avenue, Monthly Temperature

Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	52.1	52.3	0.2	0.4%
1.3%	51.8	51.8	0.0	0.0%
2.5%	51.8	51.8	0.0	0.1%
3.8%	51.6	51.6	0.0	0.0%
5.0%	51.5	51.5	0.0	-0.1%
6.3%	51.4	51.3	-0.1	-0.2%
7.5%	51.1	51.2	0.1	0.3%
8.8%	51.1	51.2	0.1	0.2%
10.0%	51.0	51.1	0.0	0.1%
11.3%	50.8	50.9	0.2	0.3%
12.5%	50.7	50.9	0.2	0.4%
13.8%	50.7	50.8	0.1	0.2%
15.0%	50.6	50.7	0.1	0.2%
16.3%	50.6	50.7	0.1	0.2%
17.5%	50.6	50.7	0.1	0.2%
18.8%	50.6	50.7	0.1	0.2%
20.0%	50.6	50.7	0.1	0.2%
21.3%	50.5	50.5	0.0	0.0%
22.5%	50.1	50.5	0.5	0.9%
23.8%	50.0	50.1	0.1	0.1%
25.0%	50.0	50.0	0.0	0.0%
26.3%	49.9	49.9	0.1	0.1%
27.5%	49.9	49.9	0.0	0.1%
28.8%	49.8	49.8	0.0	0.0%
30.0%	49.8	49.8	0.1	0.1%
31.3%	49.8	49.8	0.0	0.0%
32.5%	49.8	49.7	0.0	-0.1%
33.8%	49.7	49.7	0.0	0.0%
35.0%	49.7	49.7	0.0	0.0%
36.3%	49.6	49.6	0.0	0.0%
37.5%	49.6	49.6	0.0	0.0%
38.8%	49.6	49.6	0.0	0.0%
40.0%	49.6	49.6	0.0	0.0%
41.3%	49.5	49.6	0.1	0.1%
42.5%	49.5	49.5	0.0	0.0%
43.8%	49.5	49.5	0.0	0.0%
45.0%	49.5	49.4	-0.1	-0.1%
46.3%	49.4	49.3	-0.1	-0.1%
47.5%	49.3	49.3	0.0	-0.1%
48.8%	49.3	49.3	0.0	-0.1%
50.0%	49.2	49.2	0.0	0.0%
51.3%	49.1	49.1	0.0	-0.1%
52.5%	49.0	49.0	-0.1	-0.1%
53.8%	49.0	48.9	-0.1	-0.2%
55.0%	48.9	48.8	-0.1	-0.2%
56.3%	48.9	48.8	-0.1	-0.2%
57.5%	48.8	48.8	0.0	-0.1%
58.8%	48.8	48.8	0.0	-0.1%
60.0%	48.7	48.7	0.0	0.0%
61.3%	48.6	48.6	0.0	0.1%
62.5%	48.4	48.6	0.2	0.4%
63.8%	48.4	48.6	0.2	0.4%
65.0%	48.4	48.3	-0.1	-0.1%
66.3%	48.2	48.3	0.1	0.1%
67.5%	48.2	48.2	0.1	0.1%
68.8%	48.2	48.2	0.0	0.1%
70.0%	48.1	48.2	0.1	0.2%
71.3%	48.0	48.1	0.1	0.2%
72.5%	48.0	48.1	0.1	0.1%
73.8%	47.9	48.0	0.1	0.3%
75.0%	47.8	47.8	0.0	0.1%
76.3%	47.7	47.6	-0.2	-0.3%
77.5%	47.6	47.5	-0.1	-0.3%
78.8%	47.5	47.5	0.0	0.0%
80.0%	47.5	47.5	0.0	0.0%
81.3%	47.4	47.4	0.0	0.0%
82.5%	47.4	47.3	0.0	-0.1%
83.8%	47.4	47.3	-0.1	-0.1%
85.0%	47.3	47.3	0.0	0.0%
86.3%	47.2	47.2	0.0	0.0%
87.5%	47.2	47.1	0.0	-0.1%
88.8%	46.8	46.6	-0.2	-0.4%
90.0%	46.6	46.5	-0.1	-0.3%
91.3%	46.5	46.5	0.0	0.0%
92.5%	46.3	46.3	0.0	0.0%
93.8%	46.3	46.3	0.0	0.0%
95.0%	46.2	46.1	-0.1	-0.2%
96.3%	46.0	46.0	-0.1	-0.2%
97.5%	46.0	46.0	0.0	0.0%
98.8%	45.9	45.7	-0.2	-0.4%
100.0%	45.3	45.7	0.3	0.8%

March				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	57.3	57.3	0.0	0.1%
1.3%	57.3	57.3	0.0	0.1%
2.5%	56.6	56.7	0.1	0.2%
3.8%	56.3	56.5	0.2	0.4%
5.0%	56.2	56.1	0.0	-0.1%
6.3%	56.1	56.1	0.0	-0.1%
7.5%	56.0	55.9	-0.1	-0.2%
8.8%	55.4	55.7	0.3	0.5%
10.0%	55.3	55.3	-0.1	-0.1%
11.3%	55.2	55.3	0.1	0.1%
12.5%	55.0	55.2	0.2	0.3%
13.8%	54.7	54.9	0.3	0.5%
15.0%	54.6	54.9	0.3	0.5%
16.3%	54.6	54.6	0.1	0.1%
17.5%	54.5	54.5	0.1	0.1%
18.8%	54.4	54.5	0.1	0.2%
20.0%	54.3	54.3	0.0	-0.1%
21.3%	54.3	54.3	0.0	0.0%
22.5%	54.3	54.2	0.0	-0.1%
23.8%	54.2	54.2	0.0	0.0%
25.0%	54.2	54.0	-0.2	-0.4%
26.3%	54.0	53.9	-0.2	-0.3%
27.5%	54.0	53.7	-0.3	-0.5%
28.8%	53.9	53.7	-0.2	-0.4%
30.0%	53.8	53.7	-0.1	-0.3%
31.3%	53.7	53.7	0.0	-0.1%
32.5%	53.7	53.7	0.0	-0.1%
33.8%	53.6	53.6	0.0	0.0%
35.0%	53.6	53.6	0.0	0.1%
36.3%	53.6	53.4	-0.2	-0.3%
37.5%	53.5	53.2	-0.3	-0.5%
38.8%	53.5	53.1	-0.4	-0.7%
40.0%	53.4	53.0	-0.4	-0.7%
41.3%	53.1	53.0	-0.1	-0.2%
42.5%	53.0	52.9	-0.1	-0.1%
43.8%	52.8	52.9	0.1	0.3%
45.0%	52.7	52.9	0.2	0.3%
46.3%	52.5	52.8	0.3	0.5%
47.5%	52.5	52.7	0.2	0.5%
48.8%	52.5	52.6	0.1	0.2%
50.0%	52.5	52.5	0.0	0.0%
51.3%	52.4	52.5	0.1	0.2%
52.5%	52.4	52.4	0.0	0.1%
53.8%	52.4	52.4	0.0	0.1%
55.0%	52.3	52.4	0.0	0.1%
56.3%	52.3	52.3	0.0	0.1%
57.5%	52.2	52.2	0.0	0.0%
58.8%	52.2	52.1	0.0	-0.1%
60.0%	51.9	52.1	0.2	0.4%
61.3%	51.9	52.1	0.2	0.4%
62.5%	51.8	52.0	0.2	0.4%
63.8%	51.8	52.0	0.2	0.4%
65.0%	51.7	51.8	0.1	0.2%
66.3%	51.7	51.8	0.1	0.2%
67.5%	51.4	51.7	0.2	0.4%
68.8%	51.4	51.6	0.2	0.4%
70.0%	51.4	51.5	0.2	0.4%
71.3%	51.3	51.5	0.2	0.3%
72.5%	51.3	51.4	0.2	0.3%
73.8%	51.3	51.4	0.2	0.3%
75.0%	51.2	51.3	0.1	0.2%
76.3%	51.2	51.3	0.0	0.1%
77.5%	51.2	51.2	0.0	0.0%
78.8%	51.1	51.0	0.0	-0.1%
80.0%	51.0	51.0	0.0	0.0%
81.3%	50.9	50.9	0.0	0.0%
82.5%	50.9	50.8	-0.1	-0.1%
83.8%	50.8	50.7	-0.1	-0.2%
85.0%	50.7	50.5	-0.1	-0.3%
86.3%	50.5	50.4	-0.1	-0.3%
87.5%	50.4	50.4	0.0	0.0%
88.8%	50.4	50.4	0.0	0.0%
90.0%	50.3	50.3	0.0	0.0%
91.3%	50.2	49.8	-0.4	-0.8%
92.5%	49.7	49.7	0.0	0.0%
93.8%	49.7	49.5	-0.1	-0.2%
95.0%	49.5	49.5	0.0	-0.1%
96.3%	49.1	49.1	0.0	0.0%
97.5%	48.7	48.9	0.2	0.4%
98.8%	48.3	48.7	0.5	0.9%
100.0%	48.1	48.1	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	63.6	64.2	0.7	1.0%
1.3%	62.4	63.8	1.4	2.3%
2.5%	60.8	60.5	-0.2	-0.4%
3.8%	60.0	59.7	-0.3	-0.5%
5.0%	59.9	59.6	-0.2	-0.4%
6.3%	59.4	59.6	0.2	0.4%
7.5%	59.2	59.3	0.1	0.2%
8.8%	59.1	59.2	0.1	0.1%
10.0%	59.1	59.2	0.1	0.2%
11.3%	58.9	59.1	0.2	0.3%
12.5%	58.8	58.9	0.2	0.3%
13.8%	58.6	58.8	0.2	0.4%
15.0%	58.6	58.7	0.2	0.3%
16.3%	58.4	58.6	0.2	0.4%
17.5%	58.4	58.5	0.2	0.3%
18.8%	58.4	58.5	0.1	0.2%
20.0%	58.4	58.4	0.0	0.0%
21.3%	57.9	58.3	0.4	0.7%
22.5%	57.9	58.3	0.4	0.6%
23.8%	57.9	58.1	0.2	0.3%
25.0%	57.9	57.8	-0.1	-0.1%
26.3%	57.9	57.8	-0.1	-0.2%
27.5%	57.9	57.6	-0.3	-0.5%
28.8%	57.5	57.5	0.0	0.0%
30.0%	57.5	57.5	0.0	0.0%
31.3%	57.3	57.4	0.1	0.2%
32.5%	57.3	57.4	0.1	0.1%
33.8%	57.3	57.3	0.0	0.1%
35.0%	57.0	57.0	0.0	-0.1%
36.3%	57.0	57.0	0.0	0.0%
37.5%	56.9	56.8	0.0	-0.1%
38.8%	56.8	56.8	0.0	0.0%
40.0%	56.7	56.7	0.0	0.0%
41.3%	56.5	56.7	0.2	0.3%
42.5%	56.3	56.5	0.2	0.4%
43.8%	56.3	56.4	0.2	0.3%
45.0%	56.2	56.4	0.2	0.3%
46.3%	56.2	56.3	0.1	0.2%
47.5%	56.2	56.3	0.1	0.2%
48.8%	56.1	56.2	0.1	0.2%
50.0%	56.0	56.2	0.1	0.2%
51.3%	55.8	56.0	0.2	0.4%
52.5%	55.7	55.9	0.2	0.3%
53.8%	55.7	55.9	0.2	0.4%
55.0%	55.7	55.7	0.0	0.1%
56.3%	55.6	55.7	0.0	0.1%
57.5%	55.5	55.6	0.0	0.1%
58.8%	55.3	55.5	0.2	0.3%
60.0%	55.3	55.5	0.2	0.4%
61.3%	55.2	55.5	0.3	0.5%
62.5%	55.2	55.3	0.2	0.3%
63.8%	55.0	55.2	0.2	0.3%
65.0%	55.0	55.2	0.2	0.4%
66.3%	54.9	55.2	0.2	0.4%
67.5%	54.9	55.1	0.3	0.5%
68.8%	54.8	54.9	0.2	0.3%
70.0%	54.7	54.9	0.2	0.4%
71.3%	54.6	54.9	0.2	0.4%
72.5%	54.6	54.8	0.2	0.4%
73.8%	54.6	54.7	0.1	0.3%
75.0%	54.6	54.7	0.1	0.2%
76.3%	54.6	54.7	0.1	0.1%
77.5%	54.4	54.5	0.0	0.0%
78.8%	54.2	54.4	0.2	0.4%
80.0%	54.1	54.3	0.1	0.2%
81.3%	54.0	53.9	-0.1	-0.1%
82.5%	53.8	53.8	0.0	0.0%
83.8%	53.7	53.7	0.0	0.0%
85.0%	53.5	53.4	-0.1	-0.2%
86.3%	53.3	53.3	0.0	0.0%
87.5%	53.2	53.2	0.0	0.0%
88.8%	53.1	53.1	0.0	0.1%
90.0%	53.1	53.1	0.0	0.0%
91.3%	53.0	52.9	-0.1	-0.2%
92.5%	52.8	52.8	0.0	0.0%
93.8%	52.6	52.7	0.2	0.3%
95.0%	52.5	52.3	-0.2	-0.5%
96.3%	52.3	52.2	-0.1	-0.2%
97.5%	52.2	52.1	-0.1	-0.2%
98.8%	52.2	52.0	-0.2	-0.4%
100.0%	51.5	51.5	0.0	0.1%

May				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	69.1	69.1	0.0	-0.1%
1.3%	69.0	67.7	-1.3	-1.9%
2.5%	67.2	66.8	-0.4	-0.6%
3.8%	65.5	66.6	1.1	1.7%
5.0%	63.9	64.3	0.5	0.8%
6.3%	63.8	63.8	0.0	0.0%
7.5%	63.6	63.0	-0.6	-1.0%
8.8%	63.0	62.9	-0.1	-0.1%
10.0%	62.9	62.8	0.0	0.0%
11.3%	62.8	62.8	0.0	0.0%
12.5%	62.3	62.8	0.5	0.8%
13.8%	62.3	62.7	0.4	0.7%
15.0%	62.1	62.6	0.5	0.8%
16.3%	62.0	62.4	0.4	0.7%
17.5%	61.9	62.1	0.2	0.3%
18.8%	61.9	61.8	0.0	-0.1%
20.0%	61.8	61.7	-0.1	-0.1%
21.3%	61.6	61.6	0.1	0.1%
22.5%	61.5	61.6	0.0	0.1%
23.8%	61.5	61.6	0.1	0.1%
25.0%	61.4	61.5	0.1	0.1%
26.3%	61.3	61.4	0.1	0.1%
27.5%	61.2	61.2	0.0	0.1%
28.8%	61.1	60.7	-0.4	-0.6%
30.0%	61.0	60.5	-0.5	-0.8%
31.3%	60.6	60.5	-0.1	-0.2%
32.5%	60.6	60.3	-0.3	-0.5%
33.8%	60.5	60.3	-0.2	-0.4%
35.0%	60.4	60.1	-0.3	-0.5%
36.3%	60.2	60.0	-0.3	-0.4%
37.5%	60.2	60.0	-0.2	-0.3%
38.8%	59.6	59.6	0.0	0.0%
40.0%	59.4	59.6	0.2	0.3%
41.3%	59.3	59.5	0.2	0.4%
42.5%	59.2	59.2	0.0	-0.1%
43.8%	59.0	58.8	-0.2	-0.4%
45.0%	58.4	58.5	0.1	0.1%
46.3%	58.4	58.3	0.0	-0.1%
47.5%	58.3	58.3	0.0	-0.1%
48.8%	58.0	58.0	0.0	0.0%
50.0%	58.0	57.9	-0.2	-0.3%
51.3%	57.8	57.8	-0.1	-0.1%
52.5%	57.8	57.7	0.0	-0.1%
53.8%	57.6	57.7	0.0	0.0%
55.0%	57.5	57.7	0.1	0.2%
56.3%	57.3	57.6	0.4	0.6%
57.5%	57.2	57.3	0.2	0.3%
58.8%	57.1	57.2	0.1	0.2%
60.0%	57.0	57.1	0.1	0.1%
61.3%	56.9	57.1	0.2	0.3%
62.5%	56.8	57.0	0.2	0.4%
63.8%	56.8	57.0	0.3	0.5%
65.0%	56.7	56.8	0.1	0.1%
66.3%	56.6	56.7	0.1	0.1%
67.5%	56.6	56.7	0.1	0.2%
68.8%	56.3	56.7	0.3	0.6%
70.0%	56.3	56.6	0.3	0.6%
71.3%	56.2	56.3	0.1	0.3%
72.5%	56.1	56.2	0.1	0.2%
73.8%	56.0	56.2	0.2	0.3%
75.0%	56.0	56.0	0.1	0.1%
76.3%	55.9	56.0	0.1	0.3%
77.5%	55.8	55.9	0.1	0.1%
78.8%	55.8	55.8	0.1	0.1%
80.0%	55.8	55.8	0.1	0.1%
81.3%	55.7	55.8	0.1	0.1%
82.5%	55.6	55.7	0.1	0.1%
83.8%	55.6	55.6	0.0	0.0%
85.0%	55.5	55.4	-0.1	-0.1%
86.3%	55.2	55.2	0.0	0.0%
87.5%	55.2	55.2	0.0	0.1%
88.8%	54.9	55.1	0.2	0.3%
90.0%	54.9	55.0	0.1	0.3%
91.3%	54.4	54.4	0.0	0.1%
92.5%	54.2	54.0	-0.2	-0.3%
93.8%	54.0	54.0	-0.1	-0.1%
95.0%	53.9	53.9	0.0	0.0%
96.3%	53.7	53.7	0.0	-0.1%
97.5%	53.5	52.9	-0.6	-1.0%
98.8%	52.7	52.6	-0.1	-0.2%
100.0%	52.5	52.3	-0.2	-0.4%

Table SQ-40-4b

American River at Watt Avenue, Monthly Temperature
Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	73.2	72.9	-0.3	-0.4%
1.3%	72.3	72.7	0.5	0.6%
2.5%	71.8	72.0	0.2	0.3%
3.8%	71.1	70.4	-0.7	-1.0%
5.0%	68.8	67.8	-1.0	-1.4%
6.3%	65.4	67.3	1.9	2.9%
7.5%	65.4	66.9	1.5	2.3%
8.8%	65.3	66.7	1.4	2.1%
10.0%	65.3	65.4	0.1	0.1%
11.3%	65.1	65.4	0.3	0.4%
12.5%	65.1	65.0	-0.1	-0.1%
13.8%	65.0	64.9	-0.1	-0.2%
15.0%	65.0	64.9	-0.1	-0.2%
16.3%	65.0	64.9	-0.1	-0.2%
17.5%	64.9	64.8	-0.1	-0.2%
18.8%	64.6	64.8	0.2	0.3%
20.0%	64.4	64.8	0.4	0.6%
21.3%	64.3	64.6	0.3	0.5%
22.5%	64.2	64.4	0.2	0.2%
23.8%	64.1	64.3	0.3	0.5%
25.0%	63.7	64.1	0.4	0.6%
26.3%	63.7	64.0	0.4	0.6%
27.5%	63.6	64.0	0.4	0.6%
28.8%	63.5	63.6	0.1	0.2%
30.0%	63.3	63.4	0.0	0.1%
31.3%	63.2	63.3	0.1	0.2%
32.5%	63.1	63.3	0.2	0.3%
33.8%	62.4	63.2	0.8	1.3%
35.0%	62.3	62.9	0.7	1.1%
36.3%	62.2	62.4	0.2	0.3%
37.5%	61.9	62.2	0.3	0.4%
38.8%	61.8	62.0	0.2	0.4%
40.0%	61.7	61.8	0.1	0.1%
41.3%	61.6	61.8	0.2	0.3%
42.5%	61.5	61.8	0.3	0.4%
43.8%	61.5	61.8	0.3	0.5%
45.0%	61.4	61.6	0.3	0.4%
46.3%	61.3	61.5	0.2	0.4%
47.5%	61.3	61.4	0.2	0.2%
48.8%	61.1	61.4	0.3	0.5%
50.0%	61.0	61.2	0.2	0.3%
51.3%	60.9	61.2	0.3	0.5%
52.5%	60.8	61.1	0.2	0.3%
53.8%	60.8	61.0	0.2	0.3%
55.0%	60.7	60.9	0.3	0.5%
56.3%	60.5	60.8	0.4	0.6%
57.5%	60.4	60.6	0.2	0.3%
58.8%	60.3	60.4	0.1	0.2%
60.0%	60.0	60.4	0.4	0.6%
61.3%	59.9	60.0	0.1	0.1%
62.5%	59.9	60.0	0.1	0.2%
63.8%	59.8	60.0	0.1	0.2%
65.0%	59.8	59.9	0.1	0.2%
66.3%	59.8	59.9	0.1	0.1%
67.5%	59.8	59.9	0.1	0.2%
68.8%	59.8	59.9	0.1	0.3%
70.0%	59.6	59.8	0.2	0.3%
71.3%	59.5	59.8	0.3	0.5%
72.5%	59.4	59.4	0.0	0.0%
73.8%	59.4	59.4	0.0	0.0%
75.0%	59.3	59.3	0.0	0.0%
76.3%	59.2	59.2	0.0	0.0%
77.5%	59.0	59.1	0.1	0.2%
78.8%	58.9	58.9	0.0	0.0%
80.0%	58.8	58.8	0.0	0.0%
81.3%	58.7	58.7	0.0	0.0%
82.5%	58.7	58.7	0.0	0.0%
83.8%	58.6	58.6	0.0	0.1%
85.0%	58.5	58.5	0.1	0.2%
86.3%	58.4	58.5	0.0	0.1%
87.5%	58.4	58.4	0.0	0.0%
88.8%	58.3	58.3	0.0	0.0%
90.0%	58.1	58.3	0.1	0.2%
91.3%	57.9	58.0	0.0	0.1%
92.5%	57.9	57.9	0.0	0.0%
93.8%	57.4	57.4	0.0	0.1%
95.0%	56.8	56.8	0.0	-0.1%
96.3%	56.6	56.5	-0.1	-0.2%
97.5%	56.4	56.3	-0.1	-0.2%
98.8%	55.5	55.4	0.0	0.0%
100.0%	54.6	54.4	-0.2	-0.4%

July				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	76.6	76.3	-0.3	-0.4%
1.3%	72.3	74.2	1.9	2.6%
2.5%	71.6	72.7	1.1	1.6%
3.8%	71.4	70.8	-0.7	-0.9%
5.0%	70.7	69.2	-1.5	-2.1%
6.3%	70.7	69.0	-1.7	-2.4%
7.5%	69.9	68.8	-1.1	-1.6%
8.8%	68.3	68.5	0.2	0.3%
10.0%	67.5	68.4	0.9	1.3%
11.3%	67.4	67.7	0.2	0.3%
12.5%	67.3	67.5	0.3	0.4%
13.8%	67.2	67.2	0.0	0.1%
15.0%	66.9	67.1	0.2	0.3%
16.3%	66.3	65.9	-0.5	-0.7%
17.5%	66.2	65.6	-0.6	-0.9%
18.8%	65.9	65.5	-0.4	-0.6%
20.0%	65.7	65.1	-0.6	-1.0%
21.3%	65.7	65.0	-0.7	-1.0%
22.5%	65.1	64.8	-0.3	-0.4%
23.8%	65.1	64.8	-0.2	-0.4%
25.0%	64.7	64.8	0.2	0.2%
26.3%	64.5	64.7	0.1	0.2%
27.5%	64.4	64.6	0.1	0.2%
28.8%	64.4	64.5	0.1	0.1%
30.0%	64.3	64.4	0.1	0.2%
31.3%	64.2	64.3	0.0	0.1%
32.5%	64.2	64.3	0.0	0.1%
33.8%	64.2	64.2	0.0	0.0%
35.0%	64.0	64.0	0.0	0.1%
36.3%	64.0	64.0	0.0	0.0%
37.5%	63.9	63.9	0.0	0.1%
38.8%	63.9	63.9	0.0	0.0%
40.0%	63.8	63.9	0.0	0.0%
41.3%	63.8	63.8	0.0	0.0%
42.5%	63.8	63.8	0.0	0.1%
43.8%	63.8	63.8	0.1	0.1%
45.0%	63.8	63.8	0.1	0.1%
46.3%	63.7	63.8	0.1	0.2%
47.5%	63.6	63.8	0.2	0.4%
48.8%	63.6	63.8	0.2	0.4%
50.0%	63.5	63.8	0.2	0.4%
51.3%	63.5	63.8	0.3	0.4%
52.5%	63.5	63.6	0.1	0.2%
53.8%	63.5	63.6	0.1	0.2%
55.0%	63.5	63.6	0.1	0.1%
56.3%	63.5	63.5	0.0	0.1%
57.5%	63.5	63.5	0.0	0.0%
58.8%	63.4	63.4	0.0	0.0%
60.0%	63.3	63.4	0.0	0.1%
61.3%	63.3	63.3	0.0	0.0%
62.5%	63.3	63.3	0.0	0.0%
63.8%	63.3	63.2	0.0	0.0%
65.0%	63.3	63.2	0.0	0.0%
66.3%	63.2	63.2	0.0	0.0%
67.5%	63.2	63.2	0.0	0.0%
68.8%	63.2	63.2	0.0	0.1%
70.0%	63.2	63.2	0.0	0.1%
71.3%	63.1	63.1	0.0	0.0%
72.5%	63.0	63.1	0.1	0.2%
73.8%	63.0	63.1	0.1	0.2%
75.0%	63.0	63.0	0.1	0.1%
76.3%	62.8	63.0	0.1	0.2%
77.5%	62.8	62.9	0.1	0.2%
78.8%	62.8	62.9	0.2	0.2%
80.0%	62.7	62.8	0.1	0.1%
81.3%	62.7	62.8	0.1	0.1%
82.5%	62.7	62.6	0.0	-0.1%
83.8%	62.6	62.6	0.0	0.0%
85.0%	62.6	62.6	0.0	0.0%
86.3%	62.5	62.6	0.1	0.1%
87.5%	62.5	62.5	0.0	0.0%
88.8%	62.3	62.4	0.1	0.1%
90.0%	62.2	62.3	0.2	0.3%
91.3%	62.0	62.1	0.1	0.2%
92.5%	62.0	62.1	0.1	0.1%
93.8%	62.0	61.9	-0.1	-0.1%
95.0%	61.8	61.7	0.0	-0.1%
96.3%	61.7	61.6	0.0	-0.1%
97.5%	61.3	61.2	-0.2	-0.3%
98.8%	60.3	60.3	0.0	0.0%
100.0%	59.8	59.7	-0.1	-0.2%

August				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	82.4	80.5	-1.9	-2.3%
1.3%	74.2	74.2	0.0	0.0%
2.5%	73.1	72.9	-0.2	-0.3%
3.8%	73.0	71.6	-1.4	-1.9%
5.0%	71.8	71.2	-0.7	-1.0%
6.3%	71.2	69.9	-1.3	-1.8%
7.5%	70.3	69.3	-1.0	-1.5%
8.8%	69.4	69.0	-0.4	-0.6%
10.0%	69.4	68.8	-0.6	-0.9%
11.3%	69.0	68.3	-0.7	-1.0%
12.5%	68.8	68.2	-0.6	-0.9%
13.8%	68.1	68.1	0.0	0.0%
15.0%	68.0	68.1	0.0	0.1%
16.3%	68.0	68.0	0.0	0.0%
17.5%	67.9	67.9	0.0	0.0%
18.8%	67.4	67.9	0.6	0.9%
20.0%	67.0	66.1	-1.0	-1.4%
21.3%	66.6	65.9	-0.7	-1.1%
22.5%	66.5	65.8	-0.7	-1.1%
23.8%	66.2	65.8	-0.4	-0.6%
25.0%	66.2	65.2	-0.9	-1.4%
26.3%	66.0	65.2	-0.8	-1.3%
27.5%	66.0	65.2	-0.8	-1.3%
28.8%	66.0	65.2	-0.8	-1.2%
30.0%	65.8	65.1	-0.7	-1.0%
31.3%	65.5	65.1	-0.3	-0.5%
32.5%	65.2	65.1	-0.1	-0.1%
33.8%	65.2	65.1	-0.1	-0.1%
35.0%	65.2	65.1	0.0	-0.1%
36.3%	65.1	65.1	0.0	0.0%
37.5%	65.1	65.1	0.0	0.0%
38.8%	65.1	65.1	0.0	0.0%
40.0%	65.1	65.1	0.0	0.0%
41.3%	65.1	65.1	0.0	0.0%
42.5%	65.1	65.1	0.0	0.0%
43.8%	65.0	65.1	0.0	0.0%
45.0%	65.0	65.0	0.0	0.0%
46.3%	65.0	65.0	0.0	0.0%
47.5%	65.0	65.0	0.0	0.0%
48.8%	64.9	65.0	0.0	0.1%
50.0%	64.9	65.0	0.0	0.0%
51.3%	64.9	65.0	0.0	0.0%
52.5%	64.9	64.9	0.0	0.0%
53.8%	64.9	64.9	0.0	0.0%
55.0%	64.9	64.9	0.0	0.0%
56.3%	64.9	64.9	0.0	0.0%
57.5%	64.8	64.9	0.0	0.0%
58.8%	64.8	64.8	0.0	0.0%
60.0%	64.8	64.6	-0.3	-0.4%
61.3%	64.8	64.3	-0.6	-0.8%
62.5%	64.7	64.2	-0.5	-0.8%
63.8%	64.6	64.2	-0.3	-0.5%
65.0%	64.5	64.2	-0.3	-0.5%
66.3%	64.5	64.1	-0.4	-0.6%
67.5%	64.3	64.1	-0.3	-0.4%
68.8%	64.2	64.1	-0.2	-0.3%
70.0%	64.2	64.0	-0.2	-0.2%
71.3%	64.2	64.0	-0.2	-0.3%
72.5%	64.2	64.0	-0.1	-0.2%
73.8%	64.0	64.0	0.0	-0.1%
75.0%	64.0	64.0	0.0	-0.1%
76.3%	64.0	63.9	-0.1	-0.1%
77.5%	64.0	63.3	-0.7	-1.1%
78.8%	63.9	63.2	-0.7	-1.1%
80.0%	63.9	63.2	-0.8	-1.2%
81.3%	63.3	63.1	-0.1	-0.2%
82.5%	63.2	63.1	-0.2	-0.2%
83.8%	63.2	63.1	-0.1	-0.2%
85.0%	63.1	63.1	0.0	-0.1%
86.3%	63.1	63.0	-0.1	-0.1%
87.5%	63.0	63.0	0.0	0.0%
88.8%	63.0	63.0	0.0	0.0%
90.0%	63.0	63.0	0.0	0.0%
91.3%	63.0	63.0	0.0	0.0%
92.5%	63.0	63.0	0.0	0.0%
93.8%	63.0	63.0	0.0	0.0%
95.0%	63.0	62.9	0.0	0.0%
96.3%	62.8	62.9	0.0	0.0%
97.5%	62.6	62.6	0.0	0.0%
98.8%	62.3	62.2	-0.1	-0.1%
100.0%	62.1	62.1	0.0	0.0%

September				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	76.1	74.8	-1.3	-1.7%
1.3%	75.1	72.2	-3.0	-3.9%
2.5%	73.8	69.8	-4.1	-5.5%
3.8%	71.0	69.7	-1.3	-1.8%
5.0%	69.5	69.6	0.2	0.2%
6.3%	68.9	68.8	-0.1	-0.1%
7.5%	68.7	68.4	-0.3	-0.4%
8.8%	68.5	67.8	-0.7	-1.1%
10.0%	68.3	67.7	-0.5	-0.8%
11.3%	68.0	67.7	-0.3	-0.4%
12.5%	67.8	67.6	-0.3	-0.4%
13.8%	67.8	67.5	-0.3	-0.4%
15.0%	67.5	67.4	-0.1	-0.1%
16.3%	66.8	67.3	0.6	0.9%
17.5%	66.4	67.1	0.8	1.1%
18.8%	66.4	67.1	0.7	1.0%
20.0%	66.1	65.9	-0.3	-0.4%
21.3%	66.0	65.8	-0.3	-0.4%
22.5%	66.0	65.4	-0.6	-0.9%
23.8%	65.8	65.0	-0.9	-1.3%
25.0%	65.7	64.9	-0.8	-1.2%
26.3%	65.4	64.9	-0.5	-0.8%
27.5%	65.0	64.8	-0.2	-0.3%
28.8%	64.9	64.8	-0.1	-0.2%
30.0%	64.9	64.7	-0.2	-0.3%
31.3%	64.8	64.7	-0.1	-0.2%
32.5%	64.8	64.7	-0.1	-0.1%
33.8%	64.8	64.7	-0.1	-0.1%
35.0%	64.7	64.7	0.0	0.0%
36.3%	64.7	64.7	0.0	0.0%
37.5%	64.6	64.7	0.0	0.0%
38.8%	64.6	64.6	0.0	0.1%
40.0%	64.6	64.6	0.0	0.0%
41.3%	64.5	64.5	0.0	0.0%
42.5%	64.4	64.5	0.1	0.2%
43.8%	64.4	64.5	0.1	0.2%
45.0%	64.4	64.5	0.1	0.2%
46.3%	64.3	64.5	0.2	0.2%
47.5%	64.3	64.4	0.2	0.2%
48.8%	64.3	64.4	0.1	0.2%
50.0%	64.2	64.3	0.1	0.2%
51.3%	64.1	64.3	0.2	0.3%
52.5%	64.1	64.3	0.2	0.4%
53.8%	64.0	64.3	0.3	0.4%
55.0%	64.0	64.3	0.3	0.4%
56.3%	64.0	64.3	0.3	0.4%
57.5%	64.0	64.2	0.2	0.4%
58.8%	64.0	64.2	0.2	0.3%
60.0%	63.9	64.1	0.2	0.3%
61.3%	63.9	63.9	0.1	0.1%
62.5%	63.8	63.9	0.1	0.1%
63.8%	63.7	63.8	0.1	0.1%
65.0%	63.7	63.7	0.0	0.1%
66.3%	63.7	63.6	-0.1	-0.2%
67.5%	63.6	63.5	-0.1	-0.2%
68.8%	63.6	63.2	-0.4	-0.6%
70.0%	63.5	63.1	-0.5	-0.7%
71.3%	63.5	63.0	-0.4	-0.7%
72.5%	63.3	63.0	-0.3	-0.4%
73.8%	63.2	63.0	-0.2	-0.3%
75.0%	63.1	63.0	-0.1	-0.1%
76.3%	63.0	63.0	0.0	0.1%
77.5%	62.9	63.0	0.0	0.0%
78.8%	62.9	63.0	0.0	0.0%
80.0%	62.9	62.9	0.0	0.0%
81.3%	62.7	62.8	0.1	0.2%
82.5%	62.7	62.8	0.1	0.2%
83.8%	62.7	62.8	0.2	0.3%
85.0%	62.6	62.7	0.1	0.2%
86.3%	62.6	62.7	0.1	0.2%
87.5%	62.6	62.7	0.1	0.2%
88.8%	62.6	62.7	0.1	0.1%
90.0%	62.5	62.7	0.1	0.2%
91.3%	62.5	62.6	0.1	0.2%
92.5%	62.3	62.5	0.2	0.3%
93.8%	62.3	62.4	0.2	0.3%
95.0%	62.0	62.4	0.4	0.6%
96.3%	62.0	62.4	0.4	0.6%
97.5%	61.9	62.4	0.5	0.7%
98.8%	61.9	62.0	0.1	0.2%
100.0%	61.8	61.9	0.1	0.1%

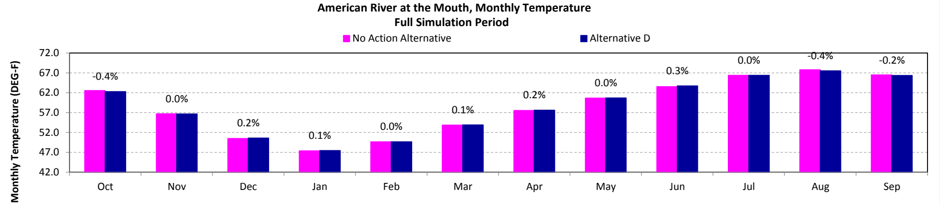
Table SQ-41-4a
American River at the Mouth, Monthly Temperature
Long-term Average and Average by Water Year Type

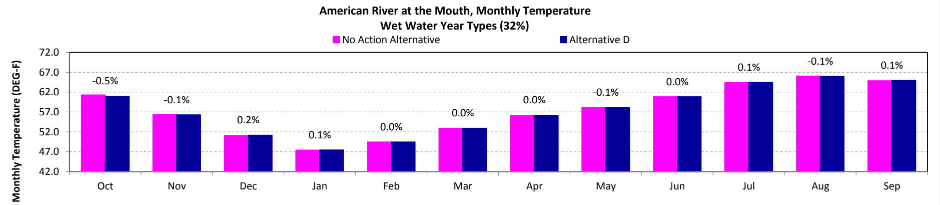
	Monthly Temperature (DEG-F)											
Analysis Period	**Oct**	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**
Long-term												
Full Simulation Period[1]												
No Action Alternative	62.5	56.7	50.5	47.4	49.6	53.8	57.5	60.6	63.5	66.4	67.8	66.5
Alternative D	62.3	56.7	50.6	47.4	49.6	53.9	57.6	60.7	63.7	66.4	67.5	66.3
Difference	-0.3	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.2	0.0	-0.3	-0.1
Percent Difference[3]	-0.4%	0.0%	0.2%	0.1%	0.0%	0.1%	0.2%	0.0%	0.3%	0.0%	-0.4%	-0.2%
Water Year Types[2]												
Wet (32%)												
No Action Alternative	61.3	56.3	51.1	47.4	49.5	52.9	56.1	58.2	60.8	64.4	66.1	64.9
Alternative D	61.0	56.3	51.2	47.4	49.5	52.9	56.2	58.1	60.8	64.5	66.0	64.9
Difference	-0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1
Percent Difference	-0.5%	-0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	-0.1%	0.1%
Above Normal (15%)												
No Action Alternative	61.5	56.1	50.0	47.6	49.2	53.0	56.7	59.3	62.4	65.2	66.6	65.1
Alternative D	61.3	56.2	50.2	47.6	49.2	53.1	56.8	59.3	62.5	65.1	66.3	65.1
Difference	-0.3	0.1	0.2	0.1	0.0	0.1	0.1	0.1	0.1	-0.1	-0.3	0.0
Percent Difference	-0.5%	0.1%	0.3%	0.1%	0.1%	0.2%	0.2%	0.1%	0.2%	-0.2%	-0.4%	0.0%
Below Normal (17%)												
No Action Alternative	62.1	56.8	50.7	47.2	49.0	53.8	57.5	60.2	63.2	65.6	66.9	65.5
Alternative D	61.9	56.7	50.7	47.2	49.0	53.8	57.4	60.1	63.2	65.5	66.7	65.4
Difference	-0.1	-0.1	0.1	0.0	0.0	0.0	-0.1	-0.1	0.0	-0.1	-0.2	-0.1
Percent Difference	-0.2%	-0.1%	0.2%	0.1%	0.0%	0.0%	-0.1%	-0.1%	0.0%	-0.1%	-0.3%	-0.1%
Dry (22%)												
No Action Alternative	63.5	57.0	50.5	47.4	50.1	54.4	58.4	62.2	64.9	66.9	68.2	67.2
Alternative D	63.2	57.0	50.6	47.5	50.1	54.5	58.6	62.7	65.4	66.7	67.9	66.9
Difference	-0.3	0.0	0.1	0.1	0.0	0.1	0.3	0.5	0.6	-0.2	-0.3	-0.3
Percent Difference	-0.5%	-0.1%	0.2%	0.2%	0.0%	0.3%	0.5%	0.8%	0.9%	-0.2%	-0.4%	-0.4%
Critical (15%)												
No Action Alternative	65.3	57.4	49.3	47.2	50.5	55.9	60.2	65.6	69.0	71.9	73.2	71.4
Alternative D	65.0	57.4	49.4	47.3	50.6	55.8	60.4	65.1	69.2	72.1	72.5	70.8
Difference	-0.2	0.1	0.1	0.1	0.1	-0.1	0.2	-0.5	0.2	0.1	-0.7	-0.6
Percent Difference	-0.4%	0.1%	0.2%	0.2%	0.2%	-0.1%	0.3%	-0.8%	0.2%	0.2%	-0.9%	-0.8%

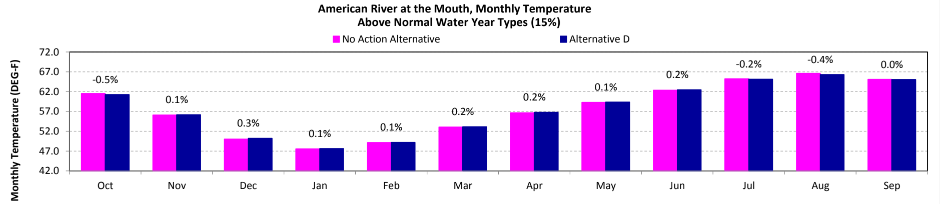
1 Based on the 82-year simulation period

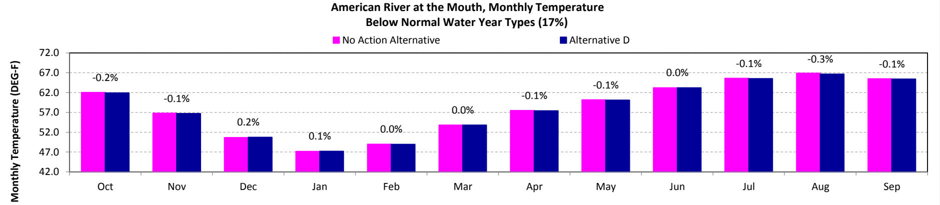
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

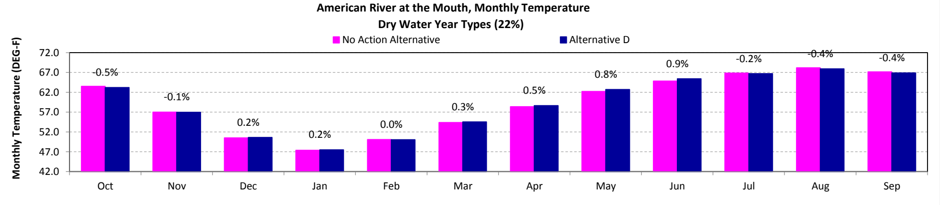
3 Relative difference of the monthly average


American River at the Mouth, Monthly Temperature
Full Simulation Period


American River at the Mouth, Monthly Temperature
Wet Water Year Types (32%)


American River at the Mouth, Monthly Temperature
Above Normal Water Year Types (15%)


American River at the Mouth, Monthly Temperature
Below Normal Water Year Types (17%)


American River at the Mouth, Monthly Temperature
Dry Water Year Types (22%)

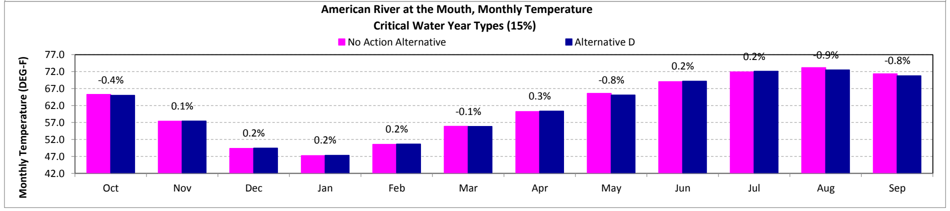

American River at the Mouth, Monthly Temperature
Critical Water Year Types (15%)

Figure SQ-41-4b
American River at the Mouth, Monthly Temperature
Probability of Exceedance

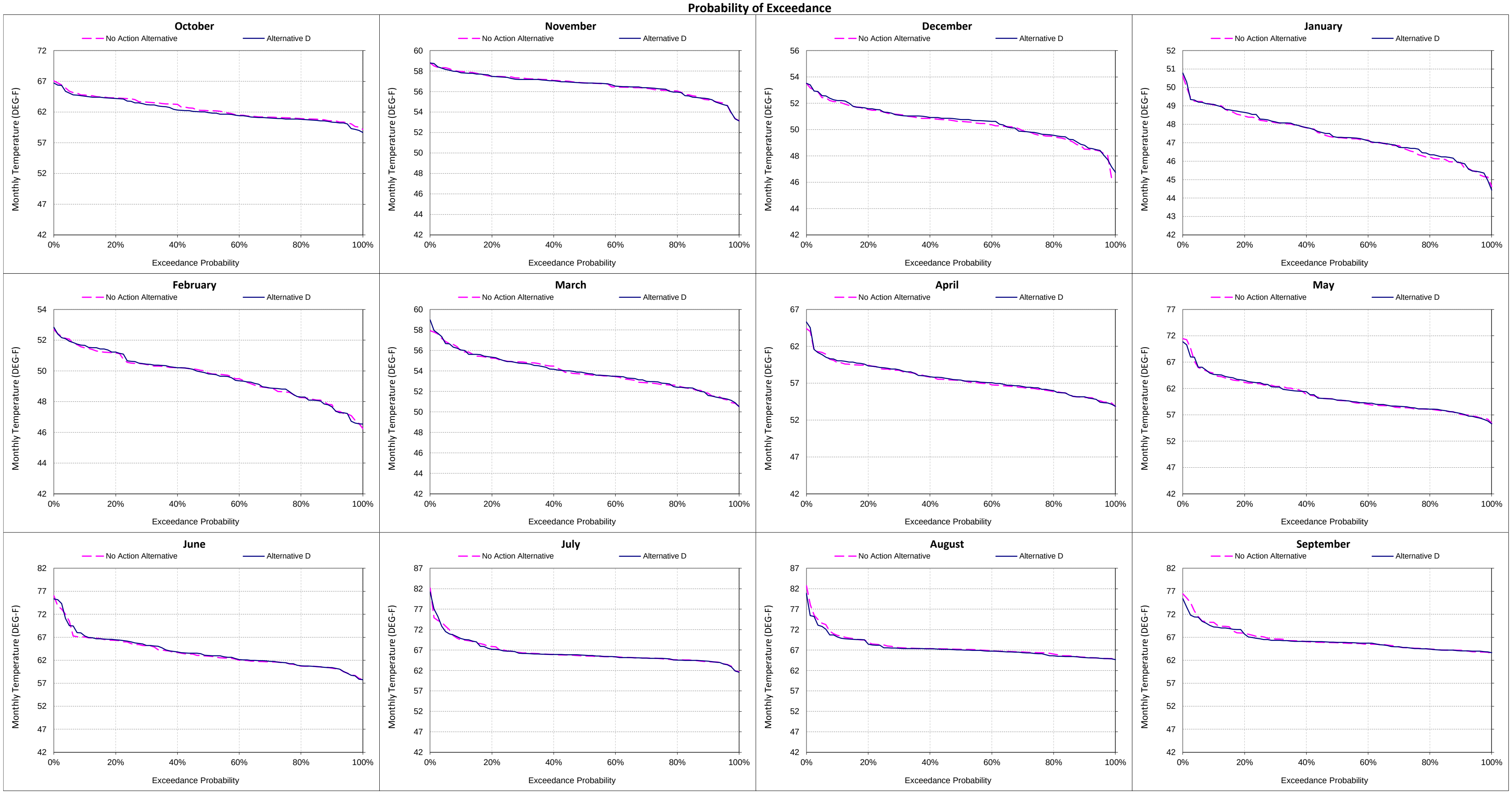


Table SQ-41-4b

American River at the Mouth, Monthly Temperature
Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	67.1	66.7	-0.4	-0.6%
1.3%	66.7	66.4	-0.3	-0.5%
2.5%	66.4	66.3	-0.1	-0.1%
3.8%	65.9	65.4	-0.5	-0.8%
5.0%	65.4	65.1	-0.3	-0.5%
6.3%	65.2	64.8	-0.4	-0.5%
7.5%	65.1	64.7	-0.3	-0.5%
8.8%	64.8	64.7	-0.1	-0.2%
10.0%	64.8	64.6	-0.2	-0.3%
11.3%	64.7	64.5	-0.2	-0.3%
12.5%	64.7	64.4	-0.2	-0.4%
13.8%	64.5	64.4	-0.1	-0.1%
15.0%	64.4	64.4	0.0	-0.1%
16.3%	64.4	64.3	-0.1	-0.1%
17.5%	64.3	64.3	-0.1	-0.1%
18.8%	64.3	64.3	-0.1	-0.1%
20.0%	64.3	64.2	-0.1	-0.2%
21.3%	64.3	64.2	-0.1	-0.2%
22.5%	64.2	64.1	-0.1	-0.2%
23.8%	64.2	63.8	-0.4	-0.6%
25.0%	64.2	63.7	-0.4	-0.6%
26.3%	64.0	63.5	-0.5	-0.8%
27.5%	63.7	63.5	-0.2	-0.3%
28.8%	63.7	63.4	-0.3	-0.5%
30.0%	63.6	63.2	-0.4	-0.7%
31.3%	63.6	63.2	-0.4	-0.6%
32.5%	63.5	63.1	-0.4	-0.6%
33.8%	63.5	63.0	-0.5	-0.7%
35.0%	63.4	62.9	-0.5	-0.8%
36.3%	63.3	62.9	-0.4	-0.7%
37.5%	63.3	62.7	-0.6	-0.9%
38.8%	63.3	62.4	-0.8	-1.3%
40.0%	63.3	62.3	-0.9	-1.5%
41.3%	62.8	62.3	-0.5	-0.8%
42.5%	62.8	62.3	-0.5	-0.9%
43.8%	62.7	62.2	-0.4	-0.7%
45.0%	62.6	62.1	-0.5	-0.8%
46.3%	62.3	62.1	-0.3	-0.4%
47.5%	62.3	62.0	-0.3	-0.4%
48.8%	62.3	62.0	-0.3	-0.4%
50.0%	62.2	61.9	-0.3	-0.5%
51.3%	62.2	61.8	-0.4	-0.6%
52.5%	62.2	61.8	-0.4	-0.6%
53.8%	62.1	61.7	-0.5	-0.7%
55.0%	62.0	61.7	-0.3	-0.6%
56.3%	61.8	61.6	-0.2	-0.3%
57.5%	61.8	61.6	-0.2	-0.3%
58.8%	61.6	61.5	-0.1	-0.1%
60.0%	61.5	61.4	-0.1	-0.1%
61.3%	61.5	61.4	-0.1	-0.1%
62.5%	61.4	61.3	-0.1	-0.1%
63.8%	61.3	61.2	-0.1	-0.2%
65.0%	61.3	61.1	-0.1	-0.2%
66.3%	61.2	61.1	-0.1	-0.1%
67.5%	61.2	61.1	-0.1	-0.2%
68.8%	61.2	61.0	-0.1	-0.2%
70.0%	61.2	61.0	-0.1	-0.2%
71.3%	61.1	61.0	-0.2	-0.3%
72.5%	61.1	61.0	-0.1	-0.2%
73.8%	61.1	61.0	-0.1	-0.2%
75.0%	61.1	60.9	-0.2	-0.3%
76.3%	61.0	60.9	-0.2	-0.3%
77.5%	61.0	60.8	-0.2	-0.3%
78.8%	61.0	60.8	-0.1	-0.2%
80.0%	60.9	60.8	-0.1	-0.2%
81.3%	60.9	60.8	-0.1	-0.2%
82.5%	60.9	60.7	-0.1	-0.2%
83.8%	60.9	60.7	-0.2	-0.3%
85.0%	60.8	60.6	-0.2	-0.3%
86.3%	60.8	60.5	-0.2	-0.4%
87.5%	60.7	60.5	-0.2	-0.3%
88.8%	60.6	60.5	-0.1	-0.2%
90.0%	60.6	60.4	-0.2	-0.3%
91.3%	60.5	60.3	-0.2	-0.4%
92.5%	60.4	60.2	-0.1	-0.2%
93.8%	60.4	60.2	-0.1	-0.2%
95.0%	60.2	60.1	-0.2	-0.3%
96.3%	60.1	59.3	-0.8	-1.3%
97.5%	59.6	59.2	-0.5	-0.8%
98.8%	59.5	59.0	-0.5	-0.9%
100.0%	59.2	58.7	-0.5	-0.8%

November				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	58.8	58.8	0.0	0.0%
1.3%	58.5	58.7	0.2	0.4%
2.5%	58.4	58.4	0.0	0.1%
3.8%	58.3	58.3	-0.1	-0.1%
5.0%	58.3	58.2	-0.2	-0.3%
6.3%	58.2	58.1	-0.1	-0.3%
7.5%	58.0	58.0	-0.1	-0.1%
8.8%	58.0	58.0	0.0	-0.1%
10.0%	58.0	57.8	-0.1	-0.2%
11.3%	57.9	57.8	-0.1	-0.2%
12.5%	57.9	57.8	-0.1	-0.2%
13.8%	57.9	57.8	-0.1	-0.1%
15.0%	57.8	57.7	-0.1	-0.1%
16.3%	57.7	57.7	0.0	0.0%
17.5%	57.6	57.7	0.0	0.1%
18.8%	57.5	57.6	0.1	0.2%
20.0%	57.5	57.5	0.0	0.0%
21.3%	57.5	57.5	0.0	0.0%
22.5%	57.5	57.4	0.0	-0.1%
23.8%	57.5	57.4	0.0	-0.1%
25.0%	57.4	57.4	-0.1	-0.1%
26.3%	57.4	57.3	-0.2	-0.3%
27.5%	57.3	57.2	-0.1	-0.2%
28.8%	57.3	57.2	-0.1	-0.2%
30.0%	57.3	57.2	-0.1	-0.2%
31.3%	57.3	57.2	-0.1	-0.1%
32.5%	57.2	57.2	-0.1	-0.1%
33.8%	57.2	57.2	-0.1	-0.1%
35.0%	57.2	57.2	0.0	-0.1%
36.3%	57.2	57.1	-0.1	-0.1%
37.5%	57.2	57.1	-0.1	-0.1%
38.8%	57.2	57.1	-0.1	-0.2%
40.0%	57.1	57.0	0.0	0.0%
41.3%	57.1	57.0	-0.1	-0.1%
42.5%	57.0	57.0	-0.1	-0.1%
43.8%	57.0	57.0	-0.1	-0.1%
45.0%	57.0	56.9	-0.1	-0.1%
46.3%	56.9	56.9	0.0	-0.1%
47.5%	56.9	56.9	0.0	-0.1%
48.8%	56.9	56.8	0.0	0.0%
50.0%	56.8	56.8	0.0	0.0%
51.3%	56.8	56.8	0.0	0.0%
52.5%	56.8	56.8	0.0	0.0%
53.8%	56.8	56.8	0.0	0.0%
55.0%	56.8	56.8	0.0	0.0%
56.3%	56.8	56.8	0.0	0.0%
57.5%	56.7	56.8	0.0	0.0%
58.8%	56.5	56.7	0.2	0.3%
60.0%	56.5	56.5	0.1	0.1%
61.3%	56.4	56.5	0.1	0.1%
62.5%	56.4	56.5	0.0	0.1%
63.8%	56.4	56.5	0.1	0.1%
65.0%	56.4	56.5	0.0	0.1%
66.3%	56.4	56.5	0.1	0.1%
67.5%	56.4	56.5	0.1	0.1%
68.8%	56.4	56.4	0.0	0.1%
70.0%	56.3	56.4	0.0	0.1%
71.3%	56.3	56.3	0.1	0.1%
72.5%	56.2	56.3	0.1	0.2%
73.8%	56.2	56.3	0.1	0.2%
75.0%	56.1	56.2	0.1	0.2%
76.3%	56.1	56.2	0.1	0.2%
77.5%	56.1	56.0	-0.1	-0.1%
78.8%	56.1	56.0	-0.1	-0.2%
80.0%	56.0	55.9	-0.1	-0.2%
81.3%	55.9	55.9	0.0	-0.1%
82.5%	55.7	55.6	-0.1	-0.1%
83.8%	55.7	55.6	-0.1	-0.2%
85.0%	55.6	55.4	-0.1	-0.3%
86.3%	55.5	55.4	-0.1	-0.2%
87.5%	55.4	55.4	0.0	0.0%
88.8%	55.2	55.4	0.1	0.2%
90.0%	55.2	55.3	0.1	0.2%
91.3%	55.1	55.2	0.1	0.2%
92.5%	55.0	55.0	0.0	-0.1%
93.8%	54.9	54.8	-0.1	-0.2%
95.0%	54.9	54.7	-0.2	-0.3%
96.3%	54.6	54.6	0.0	0.0%
97.5%	53.8	53.9	0.1	0.2%
98.8%	53.3	53.3	0.0	0.0%
100.0%	53.2	53.1	0.0	0.0%

December				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	53.5	53.5	0.0	0.0%
1.3%	53.2	53.4	0.2	0.4%
2.5%	53.0	52.9	-0.1	-0.2%
3.8%	52.9	52.9	0.0	0.1%
5.0%	52.4	52.6	0.2	0.3%
6.3%	52.4	52.6	0.1	0.3%
7.5%	52.2	52.4	0.2	0.3%
8.8%	52.1	52.3	0.1	0.2%
10.0%	52.1	52.2	0.1	0.2%
11.3%	52.0	52.2	0.2	0.3%
12.5%	51.9	52.2	0.2	0.4%
13.8%	51.8	52.0	0.2	0.3%
15.0%	51.8	51.8	0.0	0.0%
16.3%	51.7	51.7	0.0	0.0%
17.5%	51.7	51.7	0.0	0.0%
18.8%	51.5	51.7	0.1	0.2%
20.0%	51.5	51.6	0.1	0.1%
21.3%	51.5	51.6	0.1	0.2%
22.5%	51.5	51.5	0.1	0.1%
23.8%	51.4	51.5	0.1	0.2%
25.0%	51.3	51.3	0.0	0.0%
26.3%	51.2	51.3	0.1	0.1%
27.5%	51.2	51.2	0.1	0.1%
28.8%	51.2	51.1	0.0	-0.1%
30.0%	51.1	51.1	0.0	-0.1%
31.3%	51.1	51.0	-0.1	-0.1%
32.5%	51.0	51.0	0.0	0.0%
33.8%	51.0	51.0	0.0	0.1%
35.0%	50.9	51.0	0.1	0.2%
36.3%	50.9	51.0	0.2	0.3%
37.5%	50.8	51.0	0.2	0.3%
38.8%	50.8	51.0	0.1	0.3%
40.0%	50.8	50.9	0.1	0.1%
41.3%	50.8	50.9	0.1	0.2%
42.5%	50.8	50.9	0.1	0.2%
43.8%	50.8	50.9	0.1	0.2%
45.0%	50.8	50.9	0.1	0.2%
46.3%	50.7	50.9	0.1	0.3%
47.5%	50.7	50.8	0.2	0.3%
48.8%	50.6	50.8	0.2	0.3%
50.0%	50.6	50.8	0.2	0.3%
51.3%	50.6	50.8	0.2	0.3%
52.5%	50.6	50.8	0.2	0.4%
53.8%	50.6	50.7	0.1	0.3%
55.0%	50.5	50.7	0.2	0.4%
56.3%	50.5	50.7	0.2	0.5%
57.5%	50.5	50.7	0.2	0.4%
58.8%	50.4	50.6	0.2	0.5%
60.0%	50.4	50.6	0.3	0.5%
61.3%	50.3	50.6	0.3	0.7%
62.5%	50.3	50.4	0.1	0.2%
63.8%	50.3	50.4	0.1	0.2%
65.0%	50.2	50.2	0.0	-0.1%
66.3%	50.2	50.1	-0.1	-0.1%
67.5%	50.2	50.1	-0.1	-0.1%
68.8%	50.1	49.9	-0.2	-0.3%
70.0%	49.9	49.9	-0.1	-0.1%
71.3%	49.8	49.8	0.0	0.1%
72.5%	49.8	49.8	0.0	0.0%
73.8%	49.7	49.8	0.1	0.2%
75.0%	49.6	49.7	0.1	0.3%
76.3%	49.6	49.6	0.1	0.1%
77.5%	49.5	49.6	0.1	0.2%
78.8%	49.5	49.6	0.1	0.2%
80.0%	49.5	49.6	0.1	0.2%
81.3%	49.4	49.5	0.1	0.2%
82.5%	49.4	49.5	0.1	0.2%
83.8%	49.3	49.5	0.2	0.3%
85.0%	49.2	49.3	0.1	0.1%
86.3%	49.1	49.2	0.2	0.3%
87.5%	48.9	49.1	0.2	0.4%
88.8%	48.8	48.9	0.1	0.2%
90.0%	48.5	48.8	0.3	0.6%
91.3%	48.5	48.6	0.1	0.2%
92.5%	48.5	48.5	0.1	0.2%
93.8%	48.4	48.5	0.0	0.1%
95.0%	48.4	48.4	0.0	0.1%
96.3%	48.2	48.0	-0.1	-0.3%
97.5%	48.0	47.7	-0.3	-0.6%
98.8%	46.3	47.2	0.8	1.8%
100.0%	46.2	46.8	0.5	1.1%

January				
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	50.6	50.8	0.2	0.3%
1.3%	50.0	50.3	0.3	0.6%
2.5%	49.5	49.3	-0.1	-0.2%
3.8%	49.3	49.3	0.1	0.1%
5.0%	49.2	49.2	0.0	-0.1%
6.3%	49.2	49.2	0.0	-0.1%
7.5%	49.1	49.1	0.0	0.0%
8.8%	49.1	49.1	0.0	0.0%
10.0%	49.0	49.1	0.0	0.1%
11.3%	49.0	49.0	0.0	-0.1%
12.5%	49.0	49.0	0.0	-0.1%
13.8%	48.8	48.8	0.0	0.0%
15.0%	48.7	48.8	0.1	0.2%
16.3%	48.7	48.8	0.1	0.2%
17.5%	48.5	48.7	0.2	0.4%
18.8%	48.5	48.7	0.2	0.4%
20.0%	48.5	48.7	0.2	0.4%
21.3%	48.4	48.6	0.2	0.4%
22.5%	48.4	48.5	0.2	0.3%
23.8%	48.3	48.5	0.2	0.4%
25.0%	48.2	48.3	0.1	0.1%
26.3%	48.2	48.3	0.1	0.2%
27.5%	48.2	48.3	0.1	0.2%
28.8%	48.1	48.2	0.0	0.1%
30.0%	48.1	48.1	0.0	0.1%
31.3%	48.1	48.1	0.0	0.0%
32.5%	48.0	48.1	0.0	0.0%
33.8%	48.0	48.1	0.0	0.1%
35.0%	48.0	48.1	0.0	0.1%
36.3%	48.0	48.0	0.0	0.0%
37.5%	47.9	47.9	0.0	0.0%
38.8%	47.9	47.9	0.0	0.0%
40.0%	47.8	47.8	0.0	0.0%
41.3%	47.8	47.8	0.0	0.0%
42.5%	47.7	47.7	0.0	0.0%
43.8%	47.5	47.6	0.1	0.1%
45.0%	47.5	47.6	0.1	0.1%
46.3%	47.4	47.5	0.1	0.2%
47.5%	47.3	47.5	0.2	0.3%
48.8%	47.3	47.3	0.0	0.1%
50.0%	47.3	47.3	0.0	0.0%
51.3%	47.3	47.3	0.0	0.0%
52.5%	47.3	47.3	0.0	0.1%
53.8%	47.2	47.3	0.0	0.1%
55.0%	47.2	47.3	0.0	0.1%
56.3%	47.2	47.3	0.0	0.1%
57.5%	47.2	47.2	0.1	0.1%
58.8%	47.2	47.2	0.0	0.0%
60.0%	47.1	47.1	0.0	0.0%
61.3%	47.0	47.0	0.0	0.1%
62.5%	47.0	47.0	0.0	0.0%
63.8%	47.0	47.0	0.0	0.0%
65.0%	47.0	47.0	0.0	0.0%
66.3%	46.9	46.9	0.0	0.1%
67.5%	46.9	46.9	0.0	0.1%
68.8%	46.8	46.9	0.0	0.1%
70.0%	46.8	46.8	-0.1	-0.2%
71.3%	46.7	46.7	0.0	0.1%
72.5%	46.6	46.7	0.1	0.2%
73.8%	46.5	46.7	0.1	0.3%
75.0%	46.5	46.7	0.2	0.4%
76.3%	46.3	46.7	0.3	0.6%
77.5%	46.3	46.5	0.2	0.4%
78.8%	46.2	46.5	0.2	0.5%
80.0%	46.2	46.3	0.1	0.3%
81.3%	46.1	46.3	0.2	0.4%
82.5%	46.1	46.3	0.2	0.3%
83.8%	46.1	46.2	0.1	0.2%
85.0%	46.1	46.2	0.1	0.3%
86.3%	46.0	46.2	0.2	0.5%
87.5%	46.0	46.2	0.2	0.4%
88.8%	45.9	46.0	0.0	0.0%
90.0%	45.9	45.9	0.0	0.0%
91.3%	45.6	45.9	0.2	0.5%
92.5%	45.6	45.6	0.0	-0.1%
93.8%	45.5	45.5	0.0	0.0%
95.0%	45.4	45.5	0.0	0.0%
96.3%	45.3	45.4	0.2	0.4%
97.5%	45.2	45.4	0.2	0.4%
98.8%	45.1	45.0	-0.2	-0.4%
100.0%	44.6	44.4	-0.2	-0.4%

Table SQ-41-4b

American River at the Mouth, Monthly Temperature

Probability of Exceedance

February

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	52.7	52.8	0.1	0.3%
1.3%	52.4	52.4	0.0	-0.1%
2.5%	52.2	52.2	-0.1	-0.2%
3.8%	52.1	52.1	0.0	-0.1%
5.0%	52.1	51.9	-0.1	-0.3%
6.3%	51.8	51.8	0.1	0.1%
7.5%	51.7	51.7	0.0	0.1%
8.8%	51.6	51.7	0.1	0.2%
10.0%	51.5	51.7	0.2	0.3%
11.3%	51.5	51.5	0.1	0.1%
12.5%	51.4	51.5	0.1	0.3%
13.8%	51.3	51.5	0.2	0.4%
15.0%	51.3	51.4	0.2	0.4%
16.3%	51.2	51.4	0.2	0.4%
17.5%	51.2	51.4	0.2	0.3%
18.8%	51.2	51.2	0.0	0.1%
20.0%	51.2	51.2	0.1	0.1%
21.3%	51.1	51.2	0.0	0.0%
22.5%	50.8	51.1	0.3	0.7%
23.8%	50.6	50.7	0.1	0.2%
25.0%	50.5	50.6	0.1	0.2%
26.3%	50.5	50.6	0.1	0.2%
27.5%	50.5	50.5	0.0	0.0%
28.8%	50.5	50.5	0.0	0.0%
30.0%	50.4	50.4	0.0	0.0%
31.3%	50.4	50.4	0.0	0.1%
32.5%	50.3	50.4	0.1	0.1%
33.8%	50.3	50.4	0.1	0.1%
35.0%	50.3	50.4	0.1	0.1%
36.3%	50.3	50.3	0.1	0.1%
37.5%	50.2	50.3	0.0	0.1%
38.8%	50.2	50.2	0.0	0.0%
40.0%	50.2	50.2	0.0	0.0%
41.3%	50.2	50.2	0.0	0.0%
42.5%	50.2	50.2	0.0	0.0%
43.8%	50.2	50.2	0.0	0.0%
45.0%	50.1	50.1	0.0	-0.1%
46.3%	50.1	50.0	-0.1	-0.2%
47.5%	50.0	49.9	-0.1	-0.2%
48.8%	50.0	49.9	-0.1	-0.2%
50.0%	49.9	49.8	0.0	-0.1%
51.3%	49.8	49.8	0.0	0.0%
52.5%	49.8	49.8	0.0	-0.1%
53.8%	49.8	49.7	-0.1	-0.2%
55.0%	49.8	49.7	-0.1	-0.2%
56.3%	49.7	49.6	-0.1	-0.2%
57.5%	49.6	49.6	-0.1	-0.1%
58.8%	49.5	49.4	-0.1	-0.2%
60.0%	49.5	49.4	-0.1	-0.3%
61.3%	49.4	49.3	0.0	-0.1%
62.5%	49.3	49.3	0.0	0.0%
63.8%	49.2	49.3	0.1	0.2%
65.0%	49.1	49.2	0.1	0.2%
66.3%	49.0	49.1	0.1	0.3%
67.5%	49.0	49.0	0.0	0.0%
68.8%	48.9	48.9	0.0	0.0%
70.0%	48.9	48.9	0.0	0.0%
71.3%	48.8	48.9	0.0	0.1%
72.5%	48.7	48.8	0.2	0.4%
73.8%	48.7	48.8	0.2	0.3%
75.0%	48.6	48.8	0.2	0.4%
76.3%	48.6	48.7	0.1	0.1%
77.5%	48.5	48.5	0.0	0.0%
78.8%	48.3	48.3	0.1	0.1%
80.0%	48.3	48.3	0.0	0.1%
81.3%	48.3	48.3	0.0	0.1%
82.5%	48.2	48.1	-0.1	-0.2%
83.8%	48.2	48.1	-0.1	-0.1%
85.0%	48.1	48.1	0.0	0.0%
86.3%	48.1	48.0	0.0	-0.1%
87.5%	48.0	47.8	-0.2	-0.3%
88.8%	47.8	47.8	0.0	-0.1%
90.0%	47.8	47.7	-0.1	-0.3%
91.3%	47.4	47.4	0.0	0.0%
92.5%	47.4	47.3	-0.1	-0.2%
93.8%	47.2	47.3	0.0	0.1%
95.0%	47.2	47.2	0.0	0.1%
96.3%	47.1	46.7	-0.4	-0.8%
97.5%	46.8	46.6	-0.2	-0.4%
98.8%	46.6	46.5	0.0	-0.1%
100.0%	46.3	46.5	0.3	0.6%

March

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	57.9	59.0	1.1	1.8%
1.3%	57.8	57.9	0.1	0.3%
2.5%	57.6	57.7	0.1	0.1%
3.8%	57.2	57.3	0.2	0.3%
5.0%	56.9	56.7	-0.2	-0.3%
6.3%	56.7	56.7	0.0	0.0%
7.5%	56.6	56.3	-0.3	-0.5%
8.8%	56.4	56.2	-0.1	-0.2%
10.0%	55.9	56.0	0.1	0.2%
11.3%	55.8	56.0	0.1	0.3%
12.5%	55.8	55.6	-0.2	-0.4%
13.8%	55.6	55.6	0.0	0.0%
15.0%	55.4	55.6	0.2	0.3%
16.3%	55.4	55.6	0.2	0.3%
17.5%	55.4	55.4	0.0	0.1%
18.8%	55.3	55.4	0.1	0.2%
20.0%	55.2	55.3	0.1	0.2%
21.3%	55.2	55.3	0.1	0.1%
22.5%	55.1	55.2	0.1	0.1%
23.8%	55.0	55.0	0.0	0.0%
25.0%	54.9	54.9	0.0	-0.1%
26.3%	54.9	54.9	0.0	0.0%
27.5%	54.9	54.8	0.0	-0.1%
28.8%	54.9	54.8	-0.1	-0.2%
30.0%	54.9	54.7	-0.1	-0.2%
31.3%	54.8	54.7	-0.1	-0.2%
32.5%	54.8	54.7	-0.1	-0.2%
33.8%	54.8	54.5	-0.2	-0.4%
35.0%	54.7	54.5	-0.2	-0.4%
36.3%	54.6	54.4	-0.2	-0.3%
37.5%	54.5	54.4	-0.2	-0.3%
38.8%	54.5	54.2	-0.3	-0.6%
40.0%	54.5	54.2	-0.3	-0.6%
41.3%	54.3	54.1	-0.2	-0.4%
42.5%	54.1	54.1	0.0	-0.1%
43.8%	53.9	54.0	0.1	0.3%
45.0%	53.8	54.0	0.2	0.3%
46.3%	53.8	54.0	0.2	0.4%
47.5%	53.7	53.9	0.2	0.3%
48.8%	53.7	53.9	0.2	0.3%
50.0%	53.7	53.8	0.2	0.3%
51.3%	53.7	53.7	0.1	0.1%
52.5%	53.6	53.7	0.1	0.2%
53.8%	53.6	53.6	0.0	0.0%
55.0%	53.6	53.6	0.0	0.0%
56.3%	53.5	53.5	0.0	0.1%
57.5%	53.5	53.5	0.0	0.0%
58.8%	53.5	53.5	0.0	0.0%
60.0%	53.5	53.5	0.0	0.0%
61.3%	53.4	53.5	0.1	0.1%
62.5%	53.2	53.4	0.2	0.4%
63.8%	53.2	53.3	0.1	0.2%
65.0%	53.1	53.3	0.1	0.3%
66.3%	53.1	53.3	0.2	0.3%
67.5%	52.9	53.1	0.3	0.5%
68.8%	52.9	53.1	0.3	0.5%
70.0%	52.8	53.0	0.1	0.3%
71.3%	52.8	53.0	0.1	0.3%
72.5%	52.8	53.0	0.2	0.3%
73.8%	52.7	52.9	0.2	0.4%
75.0%	52.7	52.8	0.1	0.3%
76.3%	52.7	52.8	0.1	0.2%
77.5%	52.6	52.7	0.1	0.2%
78.8%	52.6	52.5	-0.1	-0.3%
80.0%	52.6	52.4	-0.2	-0.4%
81.3%	52.4	52.4	0.0	-0.1%
82.5%	52.4	52.4	0.0	0.0%
83.8%	52.3	52.3	0.1	0.1%
85.0%	52.2	52.3	0.1	0.2%
86.3%	52.1	52.2	0.0	0.1%
87.5%	52.1	52.0	-0.1	-0.2%
88.8%	51.9	52.0	0.0	0.1%
90.0%	51.8	51.6	-0.2	-0.4%
91.3%	51.5	51.5	0.0	0.0%
92.5%	51.5	51.4	-0.1	-0.2%
93.8%	51.5	51.4	-0.1	-0.2%
95.0%	51.2	51.3	0.1	0.2%
96.3%	51.2	51.2	0.1	0.1%
97.5%	50.9	51.1	0.2	0.5%
98.8%	50.8	50.9	0.0	0.1%
100.0%	50.5	50.5	0.0	0.0%

April

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	64.4	65.3	0.9	1.4%
1.3%	64.0	64.5	0.5	0.8%
2.5%	61.4	61.6	0.2	0.3%
3.8%	61.3	61.2	-0.1	-0.2%
5.0%	61.2	60.9	-0.3	-0.5%
6.3%	60.9	60.5	-0.4	-0.7%
7.5%	60.3	60.3	0.0	0.1%
8.8%	60.1	60.3	0.2	0.3%
10.0%	59.8	60.0	0.3	0.4%
11.3%	59.8	60.0	0.3	0.5%
12.5%	59.6	60.0	0.4	0.6%
13.8%	59.6	59.9	0.3	0.5%
15.0%	59.5	59.9	0.4	0.6%
16.3%	59.5	59.7	0.2	0.4%
17.5%	59.5	59.7	0.2	0.4%
18.8%	59.5	59.6	0.1	0.2%
20.0%	59.4	59.3	-0.1	-0.2%
21.3%	59.3	59.3	0.0	0.0%
22.5%	59.3	59.2	0.0	0.0%
23.8%	59.0	59.1	0.1	0.3%
25.0%	58.9	59.1	0.2	0.3%
26.3%	58.9	59.0	0.1	0.2%
27.5%	58.8	58.9	0.1	0.2%
28.8%	58.8	58.9	0.2	0.3%
30.0%	58.8	58.8	0.1	0.1%
31.3%	58.6	58.6	0.1	0.1%
32.5%	58.5	58.5	0.0	0.0%
33.8%	58.4	58.5	0.1	0.2%
35.0%	58.4	58.3	0.0	-0.1%
36.3%	58.1	58.0	-0.1	-0.1%
37.5%	58.1	58.0	-0.1	-0.2%
38.8%	57.9	58.0	0.1	0.1%
40.0%	57.8	57.9	0.0	0.1%
41.3%	57.8	57.8	0.1	0.1%
42.5%	57.5	57.8	0.3	0.5%
43.8%	57.5	57.8	0.2	0.4%
45.0%	57.5	57.7	0.2	0.3%
46.3%	57.5	57.6	0.1	0.3%
47.5%	57.4	57.5	0.1	0.1%
48.8%	57.4	57.5	0.0	0.1%
50.0%	57.3	57.4	0.1	0.1%
51.3%	57.3	57.3	0.0	0.0%
52.5%	57.2	57.3	0.1	0.2%
53.8%	57.1	57.3	0.2	0.3%
55.0%	57.1	57.2	0.2	0.3%
56.3%	57.0	57.1	0.1	0.2%
57.5%	57.0	57.1	0.1	0.3%
58.8%	57.0	57.1	0.1	0.2%
60.0%	56.8	57.1	0.3	0.5%
61.3%	56.7	57.0	0.2	0.4%
62.5%	56.7	57.0	0.2	0.4%
63.8%	56.7	56.9	0.2	0.4%
65.0%	56.6	56.7	0.1	0.2%
66.3%	56.6	56.7	0.2	0.3%
67.5%	56.6	56.7	0.1	0.2%
68.8%	56.5	56.7	0.2	0.4%
70.0%	56.4	56.6	0.1	0.2%
71.3%	56.3	56.5	0.1	0.2%
72.5%	56.3	56.4	0.1	0.2%
73.8%	56.3	56.4	0.1	0.2%
75.0%	56.2	56.4	0.2	0.3%
76.3%	56.1	56.2	0.0	0.1%
77.5%	56.0	56.2	0.1	0.2%
78.8%	56.0	56.0	0.1	0.1%
80.0%	55.9	56.0	0.1	0.2%
81.3%	55.8	55.7	-0.1	-0.2%
82.5%	55.7	55.7	0.0	0.0%
83.8%	55.7	55.7	0.0	0.0%
85.0%	55.5	55.4	-0.1	-0.2%
86.3%	55.2	55.2	0.0	0.0%
87.5%	55.2	55.2	0.0	0.0%
88.8%	55.1	55.2	0.0	0.0%
90.0%	55.1	55.1	0.1	0.1%
91.3%	55.0	55.0	-0.1	-0.1%
92.5%	55.0	54.9	-0.1	-0.2%
93.8%	54.7	54.8	0.1	0.3%
95.0%	54.6	54.4	-0.2	-0.4%
96.3%	54.4	54.3	-0.1	-0.2%
97.5%	54.4	54.3	-0.1	-0.2%
98.8%	54.3	54.1	-0.2	-0.3%
100.0%	53.8	53.9	0.0	0.0%

May

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	71.5	70.8	-0.6	-0.9%
1.3%	71.3	70.3	-1.0	-1.3%
2.5%	69.7	68.0	-1.7	-2.4%
3.8%	67.2	67.9	0.8	1.2%
5.0%	66.0	66.0	0.1	0.1%
6.3%	65.7	66.0	0.4	0.6%
7.5%	65.4	65.5	0.1	0.2%
8.8%	65.1	64.9	-0.2	-0.3%
10.0%	64.9	64.7	-0.2	-0.4%
11.3%	64.3	64.6	0.3	0.5%
12.5%	64.3	64.6	0.3	0.5%
13.8%	64.0	64.3	0.3	0.4%
15.0%	63.8	64.1	0.3	0.5%
16.3%	63.6	64.0	0.4	0.7%
17.5%	63.5	63.8	0.3	0.4%
18.8%	63.5	63.6	0.1	0.2%
20.0%	63.2	63.6	0.4	0.6%
21.3%	63.0	63.3	0.3	0.4%
22.5%	63.0	63.2	0.2	0.3%
23.8%	62.9	63.1	0.2	0.3%
25.0%	62.9	63.1	0.2	0.3%
26.3%	62.7	62.8	0.2	0.2%
27.5%	62.7	62.8	0.1	0.1%
28.8%	62.6	62.3	-0.3	-0.4%
30.0%	62.4	62.3	-0.1	-0.2%
31.3%	62.4	62.3	-0.1	-0.2%
32.5%	62.4	61.8	-0.5	-0.8%
33.8%	62.1	61.7	-0.3	-0.6%
35.0%	62.1	61.7	-0.4	-0.7%
36.3%	61.8	61.6	-0.3	-0.4%
37.5%	61.8	61.5	-0.3	-0.4%
38.8%	61.4	61.4	0.0	0.0%
40.0%	60.9	61.4	0.5	0.9%
41.3%	60.7	60.8	0.1	0.1%
42.5%	60.6	60.8	0.2	0.4%
43.8%	60.3	60.2	-0.2	-0.3%
45.0%	60.1	60.2	0.1	0.1%
46.3%	60.1	60.1	0.0	0.0%
47.5%	60.1	60.0	0.0	-0.1%
48.8%	60.0	60.0	0.0	-0.1%
50.0%	59.8	59.8	0.0	0.0%
51.3%	59.7	59.8	0.1	0.1%
52.5%	59.7	59.7	0.0	0.0%
53.8%	59.7	59.6	0.0	-0.1%
55.0%	59.4	59.5	0.1	0.2%
56.3%	59.2	59.4	0.2	0.3%
57.5%	59.2	59.3	0.1	0.1%
58.8%	59.1	59.3	0.1	0.3%
60.0%	59.0	59.2	0.2	0.3%
61.3%	58.9	59.2	0.3	0.5%
62.5%	58.8	59.0	0.2	0.3%
63.8%	58.8	58.9	0.2	0.3%
65.0%	58.7	58.9	0.2	0.3%
66.3%	58.7	58.8	0.1	0.1%
67.5%	58.7	58.7	0.0	0.0%
68.8%	58.4	58.7	0.2	0.4%
70.0%	58.4	58.6	0.2	0.4%
71.3%	58.3	58.5	0.2	0.3%
72.5%	58.3	58.5	0.2	0.3%
73.8%	58.3	58.4	0.1	0.1%
75.0%	58.1	58.3	0.2	0.3%
76.3%	58.1	58.1	0.0	0.0%
77.5%	58.1	58.1	0.0	0.0%
78.8%	58.1	58.1	0.0	0.1%
80.0%	58.1	58.1	0.0	0.0%
81.3%	58.0	58.1	0.1	0.1%
82.5%	57.9	58.0	0.1	0.3%
83.8%	57.8	57.9	0.1	0.1%
85.0%	57.8	57.8	0.0	0.0%
86.3%	57.6	57.6	0.0	0.1%
87.5%	57.6	57.5	0.0	-0.1%
88.8%	57.2	57.4	0.2	0.3%
90.0%	57.1	57.3	0.2	0.3%
91.3%	57.0	57.0	0.0	0.1%
92.5%	57.0	56.8	-0.2	-0.3%
93.8%	56.7	56.7	0.0	-0.1%
95.0%	56.7	56.5	-0.2	-0.3%
96.3%	56.4	56.3	-0.1	-0.1%
97.5%	56.3	56.1	-0.2	-0.4%
98.8%	56.2	55.8	-0.4	-0.6%
100.0%	55.4	55.3	-0.1	-0.3%

Table SQ-41-4b

American River at the Mouth, Monthly Temperature
Probability of Exceedance

June

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	76.0	75.3	-0.7	-0.9%
1.3%	73.8	75.2	1.3	1.8%
2.5%	73.1	74.3	1.2	1.7%
3.8%	72.0	71.1	-0.9	-1.3%
5.0%	70.5	69.5	-1.0	-1.4%
6.3%	67.3	69.5	2.2	3.2%
7.5%	67.1	68.0	0.9	1.3%
8.8%	67.1	67.9	0.8	1.3%
10.0%	67.1	67.3	0.2	0.3%
11.3%	66.9	66.9	0.1	0.1%
12.5%	66.9	66.9	0.0	0.0%
13.8%	66.8	66.7	-0.2	-0.2%
15.0%	66.7	66.6	-0.1	-0.1%
16.3%	66.5	66.6	0.1	0.1%
17.5%	66.4	66.6	0.2	0.3%
18.8%	66.3	66.5	0.2	0.3%
20.0%	66.3	66.4	0.1	0.2%
21.3%	66.3	66.4	0.1	0.2%
22.5%	66.0	66.3	0.3	0.4%
23.8%	66.0	66.2	0.2	0.2%
25.0%	65.6	66.0	0.4	0.6%
26.3%	65.4	65.8	0.4	0.6%
27.5%	65.4	65.7	0.3	0.4%
28.8%	65.2	65.5	0.3	0.5%
30.0%	65.2	65.2	0.0	0.1%
31.3%	65.1	65.2	0.1	0.1%
32.5%	64.9	65.1	0.2	0.4%
33.8%	64.3	65.1	0.8	1.2%
35.0%	64.3	64.7	0.5	0.7%
36.3%	64.1	64.3	0.2	0.3%
37.5%	64.0	64.0	0.0	0.0%
38.8%	63.7	63.9	0.2	0.4%
40.0%	63.7	63.8	0.1	0.2%
41.3%	63.5	63.6	0.1	0.1%
42.5%	63.4	63.6	0.2	0.3%
43.8%	63.4	63.5	0.2	0.3%
45.0%	63.3	63.5	0.2	0.3%
46.3%	63.1	63.5	0.4	0.7%
47.5%	63.0	63.4	0.4	0.6%
48.8%	63.0	63.1	0.2	0.3%
50.0%	62.9	63.0	0.1	0.2%
51.3%	62.8	63.0	0.2	0.3%
52.5%	62.7	63.0	0.3	0.5%
53.8%	62.5	63.0	0.5	0.7%
55.0%	62.5	62.7	0.3	0.4%
56.3%	62.5	62.6	0.2	0.3%
57.5%	62.4	62.6	0.2	0.3%
58.8%	62.3	62.4	0.1	0.2%
60.0%	62.0	62.1	0.1	0.2%
61.3%	62.0	62.1	0.1	0.1%
62.5%	62.0	62.1	0.1	0.2%
63.8%	61.8	62.0	0.1	0.2%
65.0%	61.8	62.0	0.2	0.3%
66.3%	61.7	61.9	0.2	0.3%
67.5%	61.7	61.9	0.2	0.3%
68.8%	61.7	61.9	0.2	0.3%
70.0%	61.7	61.8	0.1	0.1%
71.3%	61.6	61.8	0.1	0.2%
72.5%	61.6	61.6	0.0	0.0%
73.8%	61.5	61.5	0.0	0.0%
75.0%	61.5	61.5	0.0	0.0%
76.3%	61.2	61.3	0.0	0.1%
77.5%	61.1	61.2	0.1	0.1%
78.8%	60.9	60.9	0.0	0.0%
80.0%	60.7	60.8	0.1	0.1%
81.3%	60.7	60.8	0.1	0.1%
82.5%	60.7	60.7	0.0	0.0%
83.8%	60.7	60.7	0.0	0.0%
85.0%	60.6	60.6	0.0	0.0%
86.3%	60.6	60.6	0.0	0.0%
87.5%	60.5	60.5	0.0	0.0%
88.8%	60.4	60.4	0.0	0.0%
90.0%	60.3	60.4	0.1	0.2%
91.3%	60.2	60.2	0.1	0.1%
92.5%	60.1	60.0	0.0	0.0%
93.8%	59.5	59.5	0.0	0.1%
95.0%	59.2	59.2	0.0	-0.1%
96.3%	58.8	58.7	-0.1	-0.1%
97.5%	58.7	58.6	-0.1	-0.2%
98.8%	58.1	57.9	-0.2	-0.3%
100.0%	57.8	57.8	0.0	0.0%

July

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	82.2	81.2	-1.0	-1.2%
1.3%	74.9	77.0	2.1	2.9%
2.5%	74.2	75.2	1.0	1.3%
3.8%	73.8	72.9	-0.9	-1.2%
5.0%	72.8	71.5	-1.3	-1.8%
6.3%	71.9	70.9	-1.0	-1.4%
7.5%	70.5	70.7	0.2	0.3%
8.8%	69.9	70.3	0.4	0.5%
10.0%	69.4	69.8	0.4	0.5%
11.3%	69.4	69.6	0.1	0.2%
12.5%	69.3	69.5	0.2	0.3%
13.8%	69.1	69.2	0.1	0.1%
15.0%	68.7	69.0	0.3	0.5%
16.3%	68.6	67.9	-0.6	-0.9%
17.5%	68.3	67.9	-0.5	-0.7%
18.8%	67.9	67.4	-0.5	-0.7%
20.0%	67.9	67.2	-0.7	-1.0%
21.3%	67.8	67.2	-0.6	-0.9%
22.5%	67.0	67.0	0.0	0.0%
23.8%	67.0	66.8	-0.2	-0.3%
25.0%	66.8	66.8	0.0	0.0%
26.3%	66.7	66.7	0.0	0.0%
27.5%	66.5	66.6	0.1	0.2%
28.8%	66.4	66.2	-0.2	-0.3%
30.0%	66.3	66.2	-0.1	-0.2%
31.3%	66.3	66.2	-0.1	-0.2%
32.5%	66.2	66.1	-0.1	-0.2%
33.8%	66.2	66.1	-0.1	-0.2%
35.0%	66.1	66.0	-0.1	-0.1%
36.3%	66.0	65.9	-0.1	-0.1%
37.5%	66.0	65.9	0.0	0.0%
38.8%	65.9	65.9	0.0	0.0%
40.0%	65.9	65.9	0.0	0.0%
41.3%	65.8	65.9	0.1	0.2%
42.5%	65.8	65.9	0.1	0.2%
43.8%	65.8	65.9	0.1	0.1%
45.0%	65.8	65.9	0.1	0.1%
46.3%	65.7	65.8	0.1	0.1%
47.5%	65.7	65.8	0.2	0.3%
48.8%	65.6	65.8	0.2	0.3%
50.0%	65.6	65.8	0.2	0.3%
51.3%	65.5	65.7	0.2	0.3%
52.5%	65.5	65.6	0.1	0.2%
53.8%	65.4	65.6	0.1	0.2%
55.0%	65.4	65.5	0.1	0.1%
56.3%	65.4	65.4	0.0	0.1%
57.5%	65.4	65.4	0.1	0.1%
58.8%	65.4	65.4	0.0	0.0%
60.0%	65.3	65.3	0.0	0.0%
61.3%	65.3	65.2	-0.2	-0.2%
62.5%	65.2	65.1	-0.1	-0.1%
63.8%	65.2	65.1	-0.1	-0.1%
65.0%	65.2	65.1	0.0	0.0%
66.3%	65.1	65.1	0.0	0.0%
67.5%	65.1	65.1	0.0	0.0%
68.8%	65.0	65.0	0.0	0.0%
70.0%	65.0	65.0	0.0	0.0%
71.3%	65.0	65.0	0.0	0.0%
72.5%	65.0	65.0	0.0	0.0%
73.8%	65.0	64.9	0.0	0.0%
75.0%	64.9	64.9	0.1	0.1%
76.3%	64.7	64.9	0.2	0.3%
77.5%	64.7	64.9	0.2	0.2%
78.8%	64.6	64.6	0.0	-0.1%
80.0%	64.6	64.5	-0.1	-0.2%
81.3%	64.6	64.5	-0.1	-0.1%
82.5%	64.6	64.5	-0.1	-0.1%
83.8%	64.6	64.5	-0.1	-0.1%
85.0%	64.5	64.5	0.0	0.0%
86.3%	64.4	64.5	0.0	0.1%
87.5%	64.3	64.4	0.1	0.2%
88.8%	64.2	64.3	0.1	0.2%
90.0%	64.2	64.3	0.1	0.2%
91.3%	64.1	64.2	0.1	0.1%
92.5%	64.1	64.0	-0.1	-0.1%
93.8%	64.0	64.0	0.0	0.0%
95.0%	63.6	63.6	0.0	-0.1%
96.3%	63.4	63.4	-0.1	-0.1%
97.5%	63.0	62.9	-0.1	-0.2%
98.8%	61.9	61.9	0.0	0.0%
100.0%	61.7	61.6	-0.1	-0.2%

August

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	82.7	80.9	-1.9	-2.3%
1.3%	78.1	75.4	-2.7	-3.4%
2.5%	75.5	75.3	-0.2	-0.3%
3.8%	74.5	73.1	-1.4	-1.9%
5.0%	73.6	72.8	-0.8	-1.1%
6.3%	73.2	72.1	-1.1	-1.5%
7.5%	71.6	70.7	-1.0	-1.3%
8.8%	71.0	70.7	-0.3	-0.5%
10.0%	70.6	70.2	-0.4	-0.6%
11.3%	70.4	69.9	-0.6	-0.8%
12.5%	70.1	69.8	-0.3	-0.5%
13.8%	69.9	69.7	-0.3	-0.4%
15.0%	69.8	69.6	-0.2	-0.2%
16.3%	69.6	69.6	-0.1	-0.1%
17.5%	69.5	69.5	0.1	0.1%
18.8%	69.5	69.5	0.0	0.0%
20.0%	68.9	68.4	-0.4	-0.6%
21.3%	68.5	68.2	-0.2	-0.4%
22.5%	68.4	68.2	-0.2	-0.3%
23.8%	68.3	68.2	-0.1	-0.2%
25.0%	68.3	67.6	-0.7	-1.0%
26.3%	68.0	67.6	-0.4	-0.6%
27.5%	67.9	67.5	-0.4	-0.6%
28.8%	67.7	67.5	-0.2	-0.3%
30.0%	67.6	67.4	-0.2	-0.2%
31.3%	67.5	67.4	-0.1	-0.2%
32.5%	67.5	67.4	-0.1	-0.1%
33.8%	67.5	67.4	-0.1	-0.1%
35.0%	67.4	67.4	-0.1	-0.1%
36.3%	67.4	67.4	0.0	0.0%
37.5%	67.4	67.3	0.0	0.0%
38.8%	67.3	67.3	0.0	0.0%
40.0%	67.3	67.3	0.0	-0.1%
41.3%	67.3	67.3	0.0	0.0%
42.5%	67.3	67.2	-0.1	-0.1%
43.8%	67.3	67.2	-0.1	-0.2%
45.0%	67.3	67.1	-0.1	-0.2%
46.3%	67.3	67.1	-0.1	-0.2%
47.5%	67.2	67.1	-0.1	-0.2%
48.8%	67.2	67.1	-0.1	-0.2%
50.0%	67.2	67.0	-0.1	-0.2%
51.3%	67.2	67.0	-0.2	-0.2%
52.5%	67.1	67.0	-0.2	-0.3%
53.8%	67.1	66.9	-0.2	-0.3%
55.0%	67.1	66.9	-0.1	-0.2%
56.3%	67.0	66.9	-0.1	-0.1%
57.5%	66.9	66.8	-0.1	-0.2%
58.8%	66.9	66.7	-0.2	-0.3%
60.0%	66.8	66.7	-0.1	-0.2%
61.3%	66.7	66.7	0.0	0.0%
62.5%	66.7	66.7	0.0	-0.1%
63.8%	66.7	66.6	-0.1	-0.1%
65.0%	66.7	66.6	-0.1	-0.2%
66.3%	66.6	66.6	0.0	-0.1%
67.5%	66.6	66.5	-0.1	-0.1%
68.8%	66.5	66.5	-0.1	-0.1%
70.0%	66.5	66.4	-0.2	-0.2%
71.3%	66.5	66.3	-0.2	-0.2%
72.5%	66.4	66.3	-0.1	-0.2%
73.8%	66.4	66.2	-0.2	-0.3%
75.0%	66.4	66.1	-0.3	-0.4%
76.3%	66.3	66.1	-0.3	-0.4%
77.5%	66.3	65.8	-0.5	-0.7%
78.8%	66.2	65.6	-0.6	-0.9%
80.0%	66.0	65.6	-0.4	-0.7%
81.3%	65.8	65.5	-0.3	-0.5%
82.5%	65.6	65.5	-0.1	-0.1%
83.8%	65.6	65.4	-0.2	-0.2%
85.0%	65.6	65.4	-0.2	-0.3%
86.3%	65.5	65.4	-0.1	-0.2%
87.5%	65.4	65.3	-0.1	-0.1%
88.8%	65.3	65.2	-0.1	-0.1%
90.0%	65.3	65.2	-0.1	-0.1%
91.3%	65.1	65.1	0.0	0.0%
92.5%	65.1	65.1	0.0	0.0%
93.8%	65.1	65.1	0.0	0.0%
95.0%	65.0	65.0	-0.1	-0.1%
96.3%	64.9	64.9	0.0	0.0%
97.5%	64.9	64.9	0.0	0.0%
98.8%	64.9	64.8	-0.1	-0.1%
100.0%	64.7	64.7	0.0	0.0%

September

Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)		
0.0%	76.5	75.4	-1.1	-1.4%
1.3%	75.6	73.5	-2.0	-2.7%
2.5%	74.6	71.8	-2.7	-3.7%
3.8%	72.7	71.4	-1.3	-1.8%
5.0%	71.5	71.4	-0.1	-0.1%
6.3%	70.5	70.5	0.0	-0.1%
7.5%	70.4	70.1	-0.3	-0.4%
8.8%	70.3	69.6	-0.7	-1.0%
10.0%	70.3	69.2	-1.0	-1.5%
11.3%	69.6	69.2	-0.4	-0.5%
12.5%	69.4	69.0	-0.4	-0.5%
13.8%	69.4	69.0	-0.4	-0.5%
15.0%	69.3	68.9	-0.4	-0.5%
16.3%	68.4	68.8	0.4	0.5%
17.5%	68.0	68.7	0.7	1.1%
18.8%	67.9	68.7	0.7	1.1%
20.0%	67.9	67.7	-0.2	-0.4%
21.3%	67.6	67.1	-0.6	-0.9%
22.5%	67.5	66.9	-0.5	-0.8%
23.8%	67.2	66.8	-0.4	-0.7%
25.0%	67.2	66.7	-0.5	-0.8%
26.3%	67.1	66.5	-0.6	-0.9%
27.5%	66.8	66.5	-0.3	-0.5%
28.8%	66.8	66.3	-0.4	-0.7%
30.0%	66.6	66.3	-0.3	-0.4%
31.3%	66.6	66.3	-0.3	-0.5%
32.5%	66.6	66.3	-0.3	-0.5%
33.8%	66.3	66.3	0.0	0.0%
35.0%	66.3	66.2	-0.1	-0.2%
36.3%	66.3	66.1	-0.1	-0.2%
37.5%	66.2	66.1	-0.1	-0.1%
38.8%	66.2	66.1	-0.1	-0.1%
40.0%	66.1	66.1	0.0	0.0%
41.3%	66.0	66.1	0.1	0.2%
42.5%	66.0	66.1	0.1	0.2%
43.8%	65.9	66.1	0.2	0.2%
45.0%	65.9	66.1	0.2	0.2%
46.3%	65.9	66.0	0.1	0.2%
47.5%	65.9	65.9	0.1	0.1%
48.8%	65.8	65.9	0.1	0.1%
50.0%	65.8	65.9	0.1	0.1%
51.3%	65.7	65.9	0.1	0.2%
52.5%	65.7	65.9	0.2	0.2%
53.8%	65.7	65.8	0.2	0.3%
55.0%	65.7	65.8	0.2	0.3%
56.3%	65.6	65.8	0.1	0.2%
57.5%	65.6	65.7	0.1	0.2%
58.8%	65.5	65.7	0.2	0.4%
60.0%	65.5	65.7	0.2	0.4%
61.3%	65.5	65.7	0.3	0.4%
62.5%	65.5	65.6	0.1	0.1%
63.8%	65.4	65.4	0.0	-0.1%
65.0%	65.4	65.3	-0.1	-0.1%
66.3%	65.3	65.2	-0.1	-0.1%
67.5%	65.2	65.0	-0.2	-0.3%
68.8%	65.1	65.0	-0.2	-0.2%
70.0%	64.9	64.9	0.0	0.0%
71.3%	64.8	64.8	0.0	0.0%
72.5%	64.7	64.8	0.0	0.1%
73.8%	64.7	64.7	0.0	0.0%
75.0%	64.6	64.6	-0.1	-0.1%
76.3%	64.6	64.5	-0.1	-0.1%
77.5%	64.5	64.5	0.0	0.0%
78.8%	64.5	64.5	-0.1	-0.1%
80.0%	64.4	64.4	0.0	0.0%
81.3%	64.4	64.3	-0.1	-0.1%
82.5%	64.3	64.3	0.0	0.0%
83.8%	64.2	64.2	0.0	0.0%
85.0%	64.2	64.2	0.0	0.0%
86.3%	64.2	64.2	0.0	0.0%
87.5%	64.2	64.2	0.0	0.0%
88.8%	64.2	64.1	-0.1	-0.1%
90.0%	64.2	64.0	-0.1	-0.2%
91.3%	64.1	64.0	-0.1	-0.1%
92.5%	64.0	64.0	0.0	0.0%
93.8%	63.8	64.0	0.2	0.2%
95.0%	63.8	64.0	0.2	0.3%
96.3%	63.8	64.0	0.2	0.3%
97.5%	63.8	63.9	0.1	0.1%
98.8%	63.8	63.8	0.1	0.1%
100.0%	63.5	63.7	0.2	0.3%