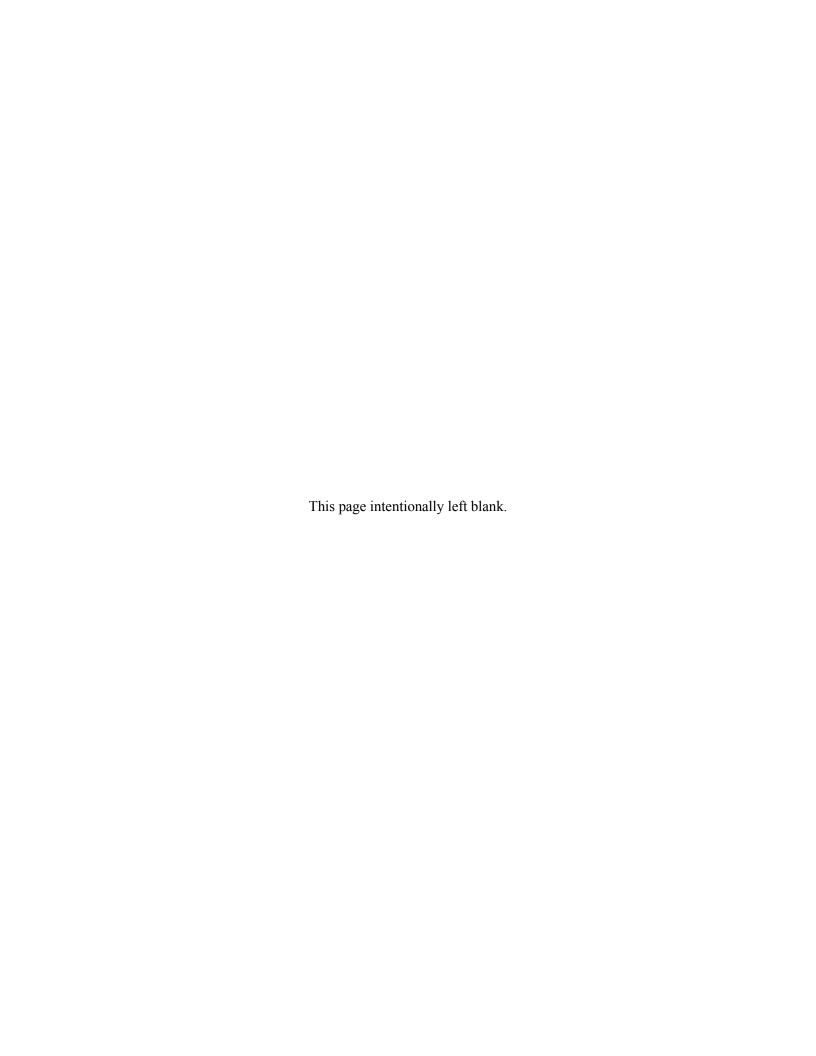
Appendix 7E River Temperature Modeling

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



APPENDIX 7E River Temperature Modeling

7E.1 Overview and Description

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

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

7E.1.1 Introduction

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

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

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

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

USRWQM was developed using the integrated HEC-5 and HEC5Q model framework developed by the Army Corps of Engineers (ACOE) Hydrologic Engineering Center (HEC). The HEC-5 component is used to simulate daily flow operations in the upper Sacramento River. The HEC-5Q component is used to simulate mean daily reservoir and river temperatures at Shasta Lake, Trinity Lake, Lewiston, Whiskeytown, Keswick, and Black Butte reservoirs and the Trinity River, Clear Creek, the upper Sacramento River from Shasta to Knights Landing, and Stony Creek, based on the flow and meteorological parameters on a 6-hour time step. USRWQM represents the best available planning model

for reservoir and river temperatures in the Sacramento River. It is appropriate for performing simulations for the assessment of incremental environmental impacts caused by changes in facilities and operations. Depending on the limitations associated with the derivation of storage and flow operations used for simulating USRWQM, use of the model results may need to be limited. For the Project DEIR/EIS, detailed evaluation of the alternatives is limited to the average monthly temperature results derived from the daily USRWQM results.

7E.1.2.1 Description

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

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

7E.1.2.2 Overview of the Planning Analysis

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

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

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

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

7E.1.2.3 Analysis of Alternatives

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

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

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

7E.1.2.4 Assumptions

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

7E.1.2.5 Limitations of Use

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

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

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

7E.1.3 Reclamation Temperature Model

Reclamation's Temperature Model is a reservoir and stream temperature model, which simulates monthly reservoir and stream temperatures used for evaluating the effects of CVP and SWP project operations on mean monthly reservoir and river water temperatures. The model simulates temperatures in five river systems: Trinity River, Sacramento River, Feather River, American River, and Stanislaus River. The model includes seven major reservoirs: Trinity Lake, Shasta Lake, Whiskeytown Reservoir, Lake Oroville, Folsom Lake, New Melones Reservoir, and Lake Tulloch. For planning analyses, the Reclamation Temperature Model represents the best available planning model for reservoir and river

temperatures in the Trinity River, Sacramento River (downstream of Knights Landing), Feather River, and Stanislaus River. The USRWQM is the preferred model for the upper Sacramento River upstream of Knights Landing. It is appropriate for performing simulations for the assessment of incremental environmental impacts caused by changes in facilities and operations. For the Project DEIR/EIS, detailed evaluation of the alternatives was limited to the monthly temperature results.

7E.1.3.1 Description

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

7E.1.3.2 Overview of the Planning Analysis

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

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

7E.1.3.3 Analysis of Alternative

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

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

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

7E.1.3.4 Assumptions

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

7E.1.3.5 Limitations of Use

The Reclamation Temperature Model operates on a monthly time-step. The Reclamation Temperature Model performs selective temperature withdrawals based on inputs of tail-water temperature targets. Use of these tail-water temperature targets can be used to approximate withdrawal operations to meet water

temperature compliance requirements in general. The model does not have sufficient spatial and temporal resolution, representation of thermodynamic processes, or calibration capabilities to be reliable as a predictive tool to evaluate temperature compliance requirements. The model results of monthly temperatures are useful for evaluating trends between alternatives.

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

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

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

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

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

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

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

7E.1.4.1 Description

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

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

7E.1.4.2 Overview of the Planning Analysis

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

7E.1.4.3 Analysis of Alternative

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

7E.1.4.4 Assumptions

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

7E.1.4.5 Limitations of Use

Water temperature calibration comparisons were based on measured and modeled Folsom Reservoir water temperature profiles and lower American River water temperatures throughout the calibration period (2001-2011). Model uncertainty in the prediction of water temperatures primarily resulted from the wind data, leakage flow through the powerhouse shutters, and the estimation of the light extinction coefficient. These uncertainties are identified and described in Appendix 6E Folsom Reservoir CE-QUAL-W2 Temperature Model. Despite the uncertainties, the model performed well when compared to

historical in-reservoir temperature profile and downstream release temperature time series data, with absolute mean errors of less than 1.08°F (0.6°C) for both metrics (PCWA, 2015).

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

7E.1.5 References

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

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

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

7E.2 Results

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

7E.2.1 Introduction

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

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

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

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

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

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

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

7E.2.2 Locations and Parameters

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

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

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

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

7E.2.3 Comparisons

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

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

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

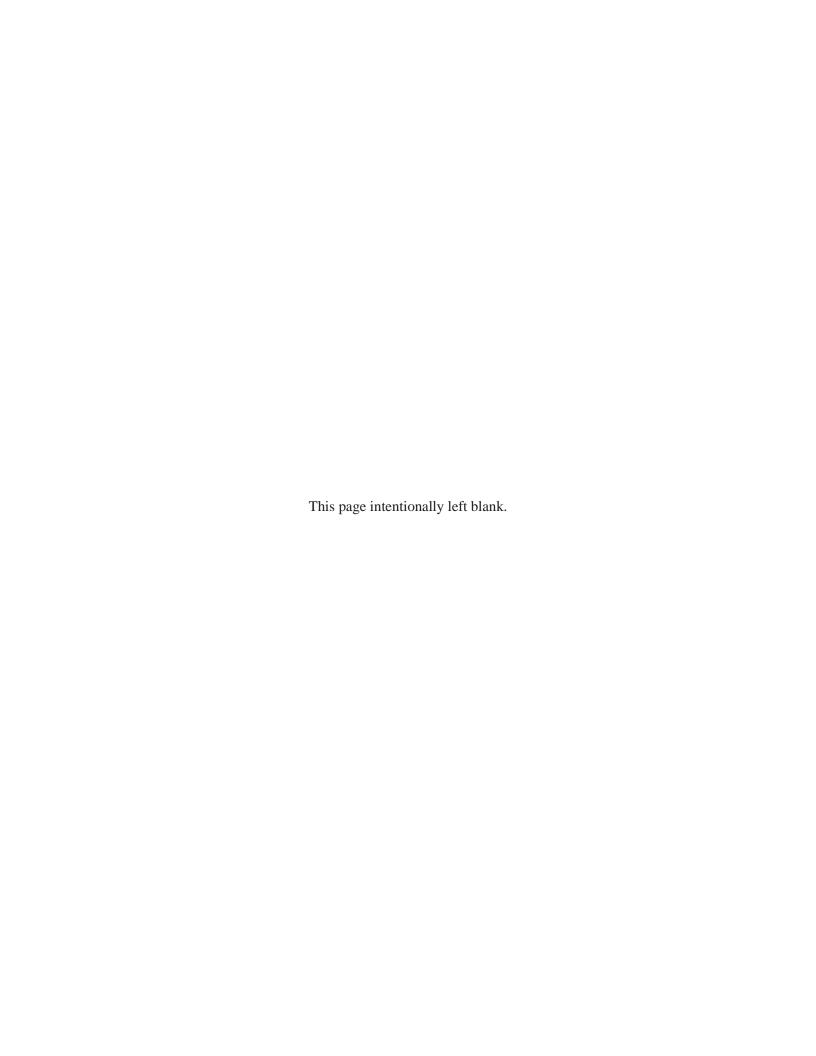
- Alternative A compared to No Action Alternative
- Alternative B compared to No Action Alternative
- Alternative C compared to No Action Alternative
- Alternative D compared to No Action Alternative

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

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

Appendix 7E River Temperature Modeling Results

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





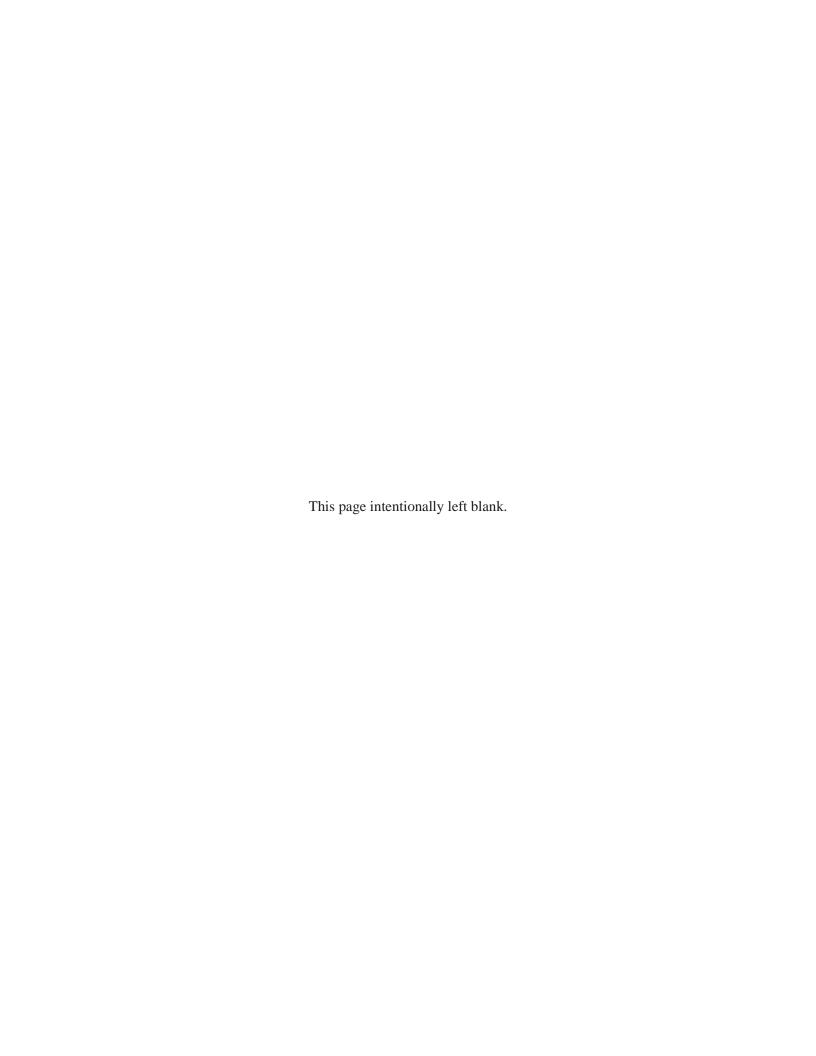


Table SQ-02-3a Sacramento River below Keswick, Monthly Temperature Long-term Average and Average by Water Year Type

Monthly Temperature (DEG-F) Analysis Period Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep													
Analysis Period	Oct	Nov	Dec	lan		, ,			lun	Int	Aug	Sen	
7 mary 515 T Griod	001	1101	500		ng-term	mu	7401	may	Jun	Jui	rug	ОСР	
Full Simulation Period ¹					.,								
No Action Alternative	55.0	53.2	49.7	46.3	45.7	47.1	48.8	49.9	50.7	52.0	53.3	55.0	
Alternative A	54.3	52.9	49.9	46.5	45.8	47.3	49.1	49.8	50.7	52.0	52.9	54.4	
Difference	-0.7	-0.3	0.2	0.2	0.1	0.1	0.3	-0.1	0.0	-0.1	-0.4	-0.7	
Percent Difference ³	-1.2%	-0.5%	0.3%	0.4%	0.2%	0.2%	0.6%	-0.2%	0.0%	-0.1%	-0.7%	-1.29	
					ear Types								
Wet (32%)													
No Action Alternative	54.4	53.3	49.8	45.7	45.2	46.5	48.2	49.4	50.0	51.5	52.4	53.2	
Alternative A	54.2	53.2	50.0	45.8	45.2	46.6	48.3	49.2	50.0	51.5	52.4	53.0	
Difference	-0.2	-0.1	0.2	0.1	0.1	0.1	0.1	-0.2	0.0	0.1	0.1	-0.2	
Percent Difference	-0.4%	-0.2%	0.4%	0.3%	0.2%	0.2%	0.2%	-0.3%	-0.1%	0.2%	0.1%	-0.49	
Above Normal (15%)													
No Action Alternative	53.5	52.7	50.0	46.2	45.6	47.2	48.9	49.8	49.8	51.1	52.7	53.7	
Alternative A	52.9	52.4	50.3	46.3	45.6	47.3	49.1	49.7	49.9	51.2	52.7	53.4	
Difference	-0.6	-0.3	0.2	0.2	0.0	0.1	0.2	-0.1	0.2	0.1	0.0	-0.3	
Percent Difference	-1.1%	-0.5%	0.5%	0.3%	0.1%	0.2%	0.4%	-0.3%	0.3%	0.3%	-0.1%	-0.59	
Below Normal (17%)													
No Action Alternative	53.1	52.4	49.9	46.6	45.6	47.0	49.0	49.8	50.3	51.4	52.1	53.8	
Alternative A	52.5	52.0	50.0	46.7	45.6	47.0	49.2	49.8	50.4	51.4	52.1	53.3	
Difference	-0.6	-0.3	0.0	0.1	0.0	0.0	0.2	0.0	0.1	0.0	-0.1	-0.5	
Percent Difference	-1.1%	-0.7%	0.1%	0.2%	0.0%	0.0%	0.5%	0.0%	0.1%	0.0%	-0.1%	-1.09	
Dry (22%)													
No Action Alternative	55.3	53.5	49.8	46.8	46.0	47.6	49.0	49.8	50.9	51.7	53.2	55.5	
Alternative A	54.3	53.0	49.8	47.0	46.1	47.8	49.6	49.8	50.9	51.6	52.6	54.6	
Difference	-1.1	-0.5	0.0	0.2	0.1	0.2	0.5	0.1	0.0	0.0	-0.5	-0.9	
Percent Difference	-2.0%	-1.0%	0.0%	0.4%	0.1%	0.4%	1.1%	0.1%	-0.1%	-0.1%	-1.0%	-1.69	
Critical (15%)													
No Action Alternative	59.6	53.6	48.8	46.6	46.4	48.1	49.7	51.5	53.2	55.5	57.4	61.1	
Alternative A	58.4	53.3	49.1	46.9	46.6	48.2	50.0	51.3	53.0	54.8	55.7	59.3	
Difference	-1.2	-0.2	0.3	0.3	0.2	0.2	0.3	-0.2	-0.1	-0.7	-1.7	-1.8	
Percent Difference	-2.0%	-0.4%	0.6%	0.6%	0.4%	0.3%	0.7%	-0.4%	-0.3%	-1.2%	-3.0%	-3.09	

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

3 Relative difference of the monthly average



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

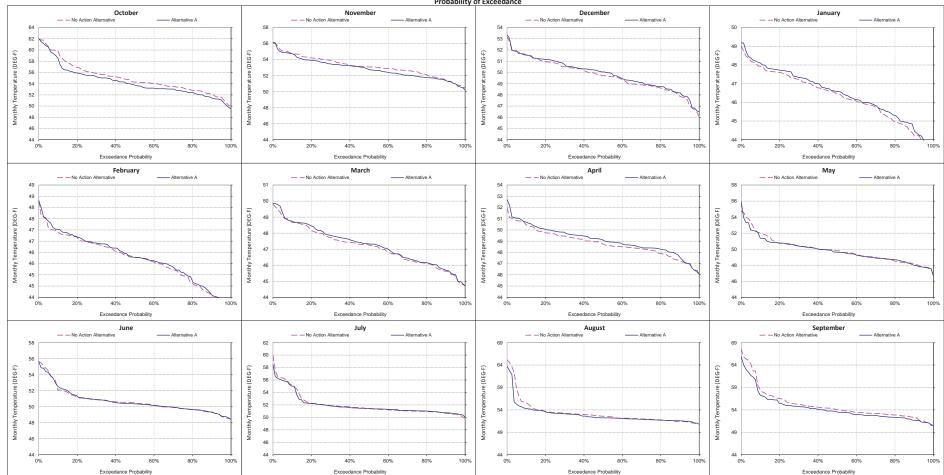


Table SQ-02-3b Sacramento River below Keswick, Monthly Temperature Probability of Exceedance

Octobe Novembe Decembe January Percent Percent Percent Percent No Action Alternative Alternative A Absolute Relative Exceedance Relative Exceedance Relative Relative Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% 0.0% 62.0 62.1 0.1 0.0% 56.1 0.0% 53.2 53.3 0.3% 49.0 49.2 0.3% 1.2% 61.8 61.5 -0.3 -0.5% 1.2% 56.0 56.1 0.1 0.2% 1.2% 52.8 53.0 0.3 0.5% 1.2% 48.7 49.2 0.4 0.9% 2.5% 61.8 -1.0% 2.5% 55.7 55.3 -0.8% 2.5% 52.1 52.0 -0.1-0.2% 2.5% 48.5 48.7 0.5% 3.7% 3.7% 61.1 60.8 -0.4 -0.6% 3.7% 55.3 55.0 -0.3 -0.5% 3.7% 51.9 51.9 0.0 0.0% 48.4 48.5 0.1 0.2% 4.9% 60.6 60.6 -0.1% 4.9% 55.1 54.9 -0.2 -0.3% 4.9% 51.9 51.9 0.1% 4.9% 48.2 48.4 0.2 0.4% 6.2% 6.2% 6.2% 6.2% 60.0 59.6 -0.4 -0.6% 55.0 54.9 -0.1 -0.2% 51.8 51.7 -0.1 -0.3% 48.1 48.3 0.1 0.2% 7.4% -0.6 -0.9% 7.4% -0.2-0.3% 7.4% -0.1% 7.4% 48.1 48.2 0.1 0.2% -0.1 8.6% 8.6% 8.6% 8.6 · . 9.9% 11.1% 12.3% 8.6% 60.0 59.1 -0.9 -1.5% 54.9 54.8 -0.1 -0.2% 51.7 51.6 -0.2% 47 9 48 1 0.4% 9.9% -2.2% 0.1% 0.0% 11.1% 12.3% 58.9 57.4 -1.5 -2.5% -3.1% 11.1% 54.7 54.6 -0.1 -0.1% 11.1% 51.5 51.5 0.0 0.0% 47.9 48.0 0.1 0.1% 13.6% 13.6% 13.6% -0.8% 0.4% 58.0 56.5 -16 -2.7% 54.7 54.2 -0.5 51.3 51.3 0.0 0.0% 47.7 47.8 0.2 -2.3% 54.1 47.8 16.0% 16.0% 16.0% 16.0% 57.6 56.2 -1.4 -2.4% 54.3 54.0 -0.4 -0.7% 51.2 51.2 0.0 0.0% 47.6 47.8 0.1 0.3% 18.5% -1.1 18.5% 54.0 -0.7% 18.5% 0.4% 18.5% 0.1 0.3% 57.0 56.0 -1.9% 54.3 -0.4 51.0 51.2 0.2 47.6 47.8 19.8% 21.0% 56.9 56.9 55.9 55.8 -1.0 -1.0 -1.8% 54.2 54.2 53.9 53.9 -0.3 -0.3 19.8% 51.2 51.2 0.2 0.5% 19.8% 21.0% 47.7 47.7 0.1 21.0% -1.8% -0.6% 50.9 47.6 0.2% 22.2% 23.5% -1.3% -1.3% 22.2% 23.5% 53.8 -0.6% 22.2% 23.5% 0.4% 22.2% 23.5% 47.7 0.2 55.6 53.8 -0.4 47.7 -0.7 51.1 47.5 56.3 54.2 -0.7% 50.9 0.2 0.4% 24.7% 25.9% -1.2% -1.1% 24.7% 25.9% 24.7% 25.9% 0.3% 24.7% 25.9% 56.2 53.7 50.9 17.1 47.7 0.2 56.1 55.5 -0.6 54.0 53.6 -0.4 51.0 0.2 47.3 47.6 0.7% -0.8% 50.8 27.2% 28.4% 27.2% 28.4% 27.2% 28.4% 55.5 -1.0% 27.2% 53.6 -0.6% 50.7 50.9 0.2 47.3 47.4 0.1 55.9 -0.5 -0.8% 28.4% 54.0 53.5 -0.5 -0.9% 0.4 0.7% 47.3 47.4 0.2% 50.5 50.9 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% -0.6 -0.6 -1.0% -1.2% 53.5 53.4 -0.8% -0.8% 47.3 0.1 0.3% 53.8 0.1% 47.2 47.3 50.5 32.1% 55.6 55.0 -0.6 -1.1% 32.1% 53.8 53.4 -0.4 -0.7% 32.1% 50.5 50.5 0.1% 32.1% 47.1 47.3 0.2 0.5% 33.3% -0.6 -1.1% 33.3% 53.6 53.4 -0.2 -0.4% 33.3% 50.4 0.1 0.2% 33.3% 47.3 0.2 0.4% 34.6% 55.6 -0.6 -1.1% 34.6% 53.6 53.4 -0.3 -0.5% 34.6% 50.4 50.5 0.1% 34.6% 47.0 47.2 0.2 0.4% 35.8% -0.7% 35.8% -0.6% 35.8% 35.8% 0.1 55.4 53.3 0.1% 47.1 0.3% 37.0% 55.3 -0.4-0.8% 37.0% 53.5 53.3 -0.2-0.4% 37.0% 50.3 50.4 0.0 0.1% 37.0% 46.9 47.1 0.2 0.4% 38.3% 55.3 -1.2% 38.3% 53.2 38.3% 38.3% 47.0 0.1 0.0% 0.3% 39.5% 55.3 54.5 -0.7 -1.3% 39.5% 53.4 53.2 -0.1 -0.3% 39.5% 50.3 50.3 0.0 0.0% 39.5% 46.8 47.0 0.2 0.5% 40.7% 55.2 54.5 -1.2% 40.7% 53.2 53.2 0.0 0.0% 40.7% 50.1 50.3 0.2 0.5% 40.7% 46.8 47.0 0.2 0.5% 42.0% 55.1 54.3 -0.8 -1.4% 42.0% 53.2 53.2 -0.1-0.1% 42.0% 50.0 50.3 0.3 0.6% 42.0% 46.7 46.8 0.1 0.2% 43.2% 55.0 54.3 -0.7 -1.2% 43.2% 53.2 53.1 0.0 -0.1% 43.2% 50.0 50.2 0.2 0.5% 43.2% 46.7 46.8 0.1 0.2% 44.4% 54.3 -0.6 -1.0% 44.4% 53.2 53.1 -0.1% 44.4% 50.0 50.2 0.5% 44.4% 46.7 46.7 0.1 0.2% 45.7% 45.7% 45.7% 54.7 54.0 -0.7 -1.3% 53.1 53.1 -0.1 -0.2% 49.9 50.2 0.3 0.6% 45.7% 46.6 46.7 0.1 0.2% 46.9% 54.7 54.0 -1.4% 46.9% 53.1 53.0 -0.2% 46.9% 49.8 50.1 0.7% 46.9% 46.6 46.6 0.1 0.1% 48.1% 49.4% 54.4 53.9 -0.5 -0.8% 48.1% 53.1 52.9 -0.2 -0.3% 48.1% 49.8 50.1 0.3 0.6% 48.1% 46.6 46.6 0.1 0.1% 53.8 -0.5-0.9% 49.4% 52.8 -0.3-0.5% 49.4% 49.7 0.6% 49.4% 46.5 46.6 0.1 50.6% 50.6% 50.6% 50.6% 54.3 53.7 -0.6 -1.1% 53.1 52.7 -0.4 -0.7% 49.7 50.0 0.3 0.6% 46.5 46.6 0.1 0.3% 51.9% 54.2 54.2 -0.6 -1.2% -1.2% 51.9% -0.4-0.7% 49.7 0.3 0.7% 51.9% 53.1% 46.4 46.5 0.1 0.3% 53.1% 53.1% 53.1% -0.7 53.5 53.1 527 -0 4 -0.8% 49 7 50.0 46.3 46.4 0.4% 55.6% 56.8% 55.6% 55.6% 55.6% 0.4% 54.2 53.2 -0.9 -1.8% 53.0 52.6 -0.4 -0.7% 49.6 49.7 0.1 0.2% 46.2 46.3 0.2 58.0% 58.0% 58.0% 54.1 53.2 -0.9 -1.6% 52.9 52.5 -0.4 -0.8% 49.5 49.6 0.1 0.2% 58.0% 46.1 46.2 0.1 0.2% 60.5% 60.5% 60.5% 54.0 53.2 -0.9 -1.6% 52.9 52.4 -0.5 -1.0% 49.4 49.4 0.1 0.1% 60.5% 46.0 46.1 0.1 0.3% 61.7% -1.6% 61.7% 52.3 -1.1% 63.0% 63.0% 63.0% 63.0% 53.9 53.1 -0.8 -1.4% 52.8 52.3 -0.5 -1.0% 49.0 49.3 0.3 0.6% 46.0 46.0 0.0 0.1% 64.2% 65.4% 53.1 53.1 -1.5% -1.1% 64.2% 65.4% 52.3 52.2 -0.8% -0.9% 64.2% 65.4% 64.2% 65.4% 46.0 46.0 0.1 53.7 -0.6 -0.5 0.3 0.2% 52.7 49.0 49.3 0.6% 45.9 66.7% 67.9% 53.6 53.5 66.7% 67.9% 66.7% 67.9% 0.5% 66.7% 67.9% 53.1 53.0 -0.5 -1.0% 52.2 52.1 -0.5 -0.6 -1 0% 48 9 45.9 46.0 0.1 0.3% -0.5 52.7 0.2 -1.1% -0.9% 48.9 49.2 45.8 45.9 0.2% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% -0.9% 52.1 48 C 45.8 45 C 0.1 53.0 52.1 53.5 -0.5 -0.9% 52.6 -0.6 -1.1% 48.9 49.1 0.2 0.4% 45.7 45.8 0.2% 71.6% 53.4 52.8 -0.6 -1.1% -1.1% 71.6% 52.0 -0.6 -1 1% 71.6% 48.8 48.9 0.2% 71.6% 45.7 0.0 72.8% 53.4 52.8 -0.6 72.8% 52.5 52.0 -0.5 -1.0% 72.8% 48.8 48.9 0.1 0.1% 72.8% 45.4 45.6 0.2 0.5% -1.2% -1.1% 74.1% 75.3% 74.1% 75.3% 74.1% 1.1% 74.1% 0.1% 45.6 0.2 75.3% -1.1% 75.3% 45.3 45.5 0.5% 76.5% 53.1 52.6 -0.4 -0.8% 76.5% 52.3 51.8 -0.5 -0.9% 76.5% 48.7 48.8 0.2% 76.5% 45.2 45.5 0.3 0.7% 77.8% -1.0% 77.8% 51.8 -0.7% 77.8% 0.1% 77.8% 0.3 45.4 0.6% 79.0% 52.9 -0.5 -0.9% 79.0% 52.2 51.8 -0.4 -0.8% 79.0% 48.7 48.7 0.1 0.1% 79.0% 45.0 45.3 0.3 0.7% 80.2% 52.8 52.4 -0.7% 80.2% 51.7 -0.3 80.2% 48.6 80.2% 0.4 52.1 -0.6% 48.7 0.1 44.9 45.3 0.8% 81.5% 52.8 52.2 -0.6 -1.1% 81.5% 51.9 51.7 -0.2-0.4% 81.5% 48.5 48.7 0.5% 81.5% 44.9 45.2 0.3 0.6% 82.7% 82.7% 52.7 52.1 -1.3% 82.7% 51.7 -0.2 -0.3% 48.4 48.5 0.1 0.2% 82.7% 44.9 45.0 0.1 0.3% 84.0% 52.7 -0.7 -1.4% 84.0% 51.8 51.7 -0.1 -0.3% 84.0% 48.4 48.5 0.2% 84.0% 44.8 45.0 0.1 0.3% 85.2% 52.5 52.0 -0.5 -1.0% 85.2% 51.7 51.6 -0.1 -0.2% 85.2% 48.4 48.5 0.2 0.3% 85.2% 44.7 44.9 0.2 0.5% 86.4% 52.4 -1.3% 86.4% 51.6 -0.3% 86.4% 48.3 48.3 -0.1% 86.4% 44.7 44.9 0.3 0.6% 87.7% 52.3 51.7 -0.6 -1.1% 87.7% 51.6 51.6 0.0 -0.1% 87.7% 48.2 48 3 0.1 0.1% 87.7% 44.5 44 9 0.4 0.9% 88.9% 52.2 51.6 -0.6 -1.1% 88.9% 51.6 51.5 -0.1 -0.2% 88.9% 48.0 48.2 0.2 0.3% 88.9% 44.9 0.5 1.1% 90.1% 52.2 51.4 -0.8 -1.5% 90.1% 51.4 51.4 0.0 -0.1% 90.1% 47.8 48.2 0.3 0.7% 90.1% 44.2 44.5 0.2 0.5% 91.4% 51.3 51.3 91.4% 51.2 51.2 91.4% 47.8 91.4% 44.2 44.4 0.1 92.6% 92.6% 92.6% 51.6 -0.4 -0.7% 51.3 0.0 -0.1% 47.8 47 9 0.1 0.2% 92.6% 44.2 44.2 0.1% 93.8% -0.4 51.0 47.5 93.8% 44.2 0.2 51.6 51.2 -0.8% 93.8% 51.0 0.0 0.0% 93.8% 47.8 0.3 0.6% 44.0 0.5% 95.1% 95.1% 95.1% 95.1% 51.5 51.0 -0.5 -1.0% 50.9 51.0 0.0 0.1% 47.0 47.5 0.5 1.1% 43.9 44.0 0.1 0.1% 96.3% 50.6 -0.9% 96.3% 50.8 50.7 -0.3% 96.3% 97.5% 46.9 0.0 -0.1% 96.3% 97.5% 43.8 43.9 0.2 0.4% 97.5% 97.5% 0.4% 0.3% 50.6 50.1 -0.5 -0.9% 50.8 50.6 -0 2 -0.4% 46.7 46.8 0.2 43.7 43.8 -0.7% -0.2% 98.8% 100.0% 100.0% 100.0% 100.0% 50.0 49.5 0.0 -0.9% 50.5 50.2 -0.3 -0.5% 46.0 46.5 0.9% 42.1 42.2 0.1 0.2%

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

									Probability	of Exceedance									
Percent		February			Percent		March			Percent		April			Percent		May		
Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative		Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative
Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)
0.0%	(DEG-F) 48.3	(DEG-F) 48.3	0.0	0.1%	(%) 0.0%	(DEG-F) 49.8	(DEG-F) 49.9	0.0	0.1%	(%)	(DEG-F) 52.0	(DEG-F) 52.7	0.7	1.4%		(DEG-F) 54.7	(DEG-F) 55.9	1.2	2.2%
1.2%	47.6	48.0	0.0	0.7%	1.2%	49.6	49.8	0.0	0.4%	1.2%	51.1	52.7	1.1	2.2%	1.2%	54.6	54.0	-0.7	-1.2%
2.5%	47.6	47.6	0.0	0.0%	2.5%	49.5	49.8	0.3	0.6%	2.5%	51.1	51.2	0.1	0.2%	2.5%	54.0	53.3	-0.6	-1.2%
3.7%	47.6 47.1	47.5 47.4	-0.1 0.3	-0.1% 0.6%	3.7%	49.3 49.0	49.7 49.3	0.4	0.8%	3.7%	50.9 50.8	51.1 51.1	0.2	0.3%	3.7% 4.9%	53.8 53.4	53.3 52.4	-0.5 -1.1	-1.0% -2.0%
6.2%	47.0	47.4	0.3	0.6%	6.2%	48.9	48.9	0.2	0.0%	6.2%	50.8	51.0	0.2	0.5%	6.2%	52.8	52.4	-0.5	-0.9%
7.4%	47.0	47.1	0.1	0.2%	7.4%	48.9	48.8	-0.1	-0.1%	7.4%	50.8	50.9	0.1	0.2%	7.4%	52.3	52.3	-0.1	-0.1%
8.6% 9.9%	47.0 46.9	47.0 47.0	0.1 0.1	0.1%	8.6% 9.9%	48.9 48.7	48.8 48.8	-0.1 0.1	-0.2% 0.2%	8.6% 9.9%	50.8 50.4	50.8 50.7	0.0	0.0%	8.6% 9.9%	52.1 52.0	52.1 51.4	0.0 -0.6	0.0% -1.2%
11.1%	46.8	47.0	0.1	0.4%	11.1%	48.7	48.7	0.1	0.0%	11.1%	50.4	50.6	0.3	0.4%	11.1%	51.9	51.4	-0.5	-1.0%
12.3%	46.8	46.9	0.1	0.2%	12.3%	48.6	48.7	0.1	0.1%	12.3%	50.3	50.6	0.3	0.5%	12.3%	51.8	51.3	-0.5	-1.0%
13.6%	46.8	46.9	0.1	0.2%	13.6%	48.6	48.7	0.1	0.1%	13.6%	50.3	50.4	0.1	0.3%	13.6%	51.6	51.0	-0.7	-1.3%
14.8% 16.0%	46.8 46.8	46.9 46.8	0.1	0.2%	14.8% 16.0%	48.6 48.5	48.6 48.6	0.1	0.1%	14.8% 16.0%	50.0 49.9	50.3 50.2	0.3	0.6%	14.8% 16.0%	51.6 51.1	50.9 50.9	-0.7 -0.3	-1.3% -0.5%
17.3%	46.7	46.8	0.1	0.2%	17.3%	48.5	48.6	0.1	0.2%	17.3%	49.9	50.1	0.3	0.5%	17.3%	51.0	50.8	-0.1	-0.3%
18.5%	46.7	46.7	0.0	0.0%	18.5%	48.4	48.5	0.2	0.4%	18.5%	49.8	50.1	0.3	0.6%	18.5%	50.8	50.8	0.0	0.0%
19.8% 21.0%	46.7 46.5	46.7 46.7	0.0	-0.1% 0.3%	19.8% 21.0%	48.2 48.1	48.5 48.4	0.3	0.6%	19.8% 21.0%	49.8 49.7	50.1 50.0	0.3	0.6%	19.8% 21.0%	50.8 50.8	50.8 50.8	0.0	0.0%
22.2%	46.5	46.6	0.1	0.2%	22.2%	48.1	48.3	0.2	0.4%	22.2%	49.7	50.0	0.3	0.6%	22.2%	50.7	50.7	0.0	0.1%
23.5%	46.5	46.5	0.0	0.1%	23.5%	48.0	48.2	0.2	0.4%	23.5%	49.7	49.9	0.2	0.5%	23.5%	50.6	50.7	0.1	0.1%
24.7%	46.5	46.5	0.0	-0.1%	24.7%	48.0	48.2 48.1	0.2	0.4%	24.7%	49.6	49.9 49.8	0.3	0.5%	24.7%	50.6	50.7	0.1	0.2%
25.9% 27.2%	46.4 46.4	46.5 46.5	0.0	0.1% 0.1%	25.9% 27.2%	48.0 47.8	47.9	0.1 0.2	0.2%	25.9% 27.2%	49.5 49.5	49.8	0.3	0.6%	25.9% 27.2%	50.6 50.5	50.6 50.6	0.0	0.1%
28.4%	46.4	46.4	0.0	0.1%	28.4%	47.8	47.9	0.1	0.2%	28.4%	49.5	49.8	0.3	0.7%	28.4%	50.5	50.4	-0.1	-0.1%
29.6% 30.9%	46.4 46.4	46.4 46.4	0.0	0.1% 0.1%	29.6% 30.9%	47.7 47.7	47.9 47.8	0.2	0.3% 0.2%	29.6% 30.9%	49.5 49.4	49.8 49.7	0.3	0.7%	29.6% 30.9%	50.4 50.4	50.4 50.3	0.0 -0.1	0.0% -0.1%
30.9%	46.4 46.3	46.4 46.4	0.0	0.1%	30.9%	47.7	47.8 47.8	0.1	0.2%	30.9%	49.4 49.4	49.7	0.3	0.6%	30.9%	50.4	50.3	-0.1	-0.1%
33.3%	46.3	46.4	0.1	0.2%	33.3%	47.6	47.8	0.2	0.4%	33.3%	49.3	49.6	0.3	0.5%	33.3%	50.3	50.3	0.0	-0.1%
34.6%	46.2	46.4	0.1	0.3%	34.6%	47.5	47.7	0.2	0.5%	34.6%	49.3	49.6	0.3	0.6%	34.6%	50.3	50.2	-0.1	-0.1%
35.8% 37.0%	46.2 46.2	46.3 46.2	0.1 0.1	0.2% 0.1%	35.8% 37.0%	47.5 47.5	47.7 47.7	0.2 0.2	0.4% 0.5%	35.8% 37.0%	49.3 49.2	49.5 49.5	0.3 0.3	0.6%	35.8% 37.0%	50.3 50.2	50.2 50.2	-0.1 0.0	-0.2% 0.0%
38.3%	46.1	46.2	0.1	0.1%	38.3%	47.4	47.7	0.2	0.5%	38.3%	49.2	49.5	0.3	0.7%	38.3%	50.1	50.1	0.0	0.0%
39.5%	46.1	46.2	0.1	0.3%	39.5%	47.4	47.6	0.2	0.4%	39.5%	49.2	49.5	0.3	0.6%	39.5%	50.0	50.0	0.0	0.1%
40.7% 42.0%	46.0 46.0	46.2 46.1	0.1	0.3%	40.7% 42.0%	47.4 47.4	47.6 47.5	0.1	0.3%	40.7% 42.0%	49.0 49.0	49.4 49.4	0.4	0.9%	40.7% 42.0%	50.0 49.9	50.0 50.0	0.0	0.1%
43.2%	46.0	46.0	0.1	0.1%	43.2%	47.4	47.5	0.1	0.1%	43.2%	49.0	49.2	0.4	0.5%	43.2%	49.9	49.9	0.0	0.0%
44.4%	45.9	46.0	0.1	0.1%	44.4%	47.3	47.4	0.1	0.2%	44.4%	49.0	49.2	0.3	0.6%	44.4%	49.9	49.9	0.0	0.0%
45.7% 46.9%	45.9 45.9	45.9 45.8	0.1 -0.1	0.1% -0.1%	45.7% 46.9%	47.3 47.3	47.4 47.4	0.1 0.1	0.3%	45.7% 46.9%	48.9 48.9	49.2 49.2	0.3	0.6%	45.7% 46.9%	49.9 49.9	49.9 49.9	0.0	-0.1% -0.1%
46.9% 48.1%	45.9 45.8	45.8 45.8	-0.1	-0.1%	46.9% 48.1%	47.3 47.3	47.4 47.3	0.1	0.2%	46.9% 48.1%	48.9 48.9	49.2 49.2	0.3	0.5%	46.9% 48.1%	49.9 49.8	49.9	-0.2	-0.1%
49.4%	45.8	45.8	0.0	0.0%	49.4%	47.3	47.3	0.1	0.1%	49.4%	48.8	49.1	0.4	0.7%	49.4%	49.8	49.6	-0.2	-0.3%
50.6%	45.8	45.8	0.0	0.0%	50.6%	47.2	47.3	0.1	0.2%	50.6%	48.7	49.0	0.3	0.7%	50.6%	49.8	49.6	-0.2	-0.3%
51.9% 53.1%	45.8 45.8	45.8 45.8	0.0	0.0%	51.9% 53.1%	47.2 47.2	47.3 47.3	0.1	0.2%	51.9% 53.1%	48.6 48.6	49.0 48.9	0.3 0.4	0.7%	51.9% 53.1%	49.8 49.6	49.6 49.6	-0.1 0.0	-0.3% 0.0%
54.3%	45.7	45.7	0.0	0.0%	54.3%	47.2	47.3	0.1	0.2%	54.3%	48.6	48.9	0.3	0.7%	54.3%	49.6	49.5	-0.1	-0.1%
55.6%	45.7	45.7	0.0	-0.1%	55.6%	47.0	47.2	0.2	0.3%	55.6%	48.5	48.9	0.4	0.8%	55.6%	49.6	49.4	-0.1	-0.3%
56.8% 58.0%	45.7 45.6	45.7 45.6	0.0	-0.1% 0.1%	56.8% 58.0%	47.0 47.0	47.1 47.1	0.1 0.1	0.3%	56.8% 58.0%	48.5 48.5	48.9 48.9	0.4	0.8%	56.8% 58.0%	49.5 49.5	49.4 49.4	-0.1 -0.1	-0.3% -0.2%
59.3%	45.6	45.6	0.0	0.1%	59.3%	46.9	47.1	0.1	0.4%	59.3%	48.5	48.8	0.3	0.6%	59.3%	49.4	49.4	0.0	-0.1%
60.5%	45.5	45.6	0.1	0.1%	60.5%	46.8	46.9	0.2	0.3%	60.5%	48.5	48.7	0.2	0.4%	60.5%	49.3	49.2	-0.1	-0.3%
61.7%	45.5	45.6	0.1	0.1%	61.7%	46.7	46.8	0.1	0.2%	61.7%	48.5	48.7	0.2	0.4%	61.7%	49.2	49.2	0.0	-0.1%
63.0% 64.2%	45.5 45.5	45.5 45.5	0.0	0.1% 0.1%	63.0% 64.2%	46.7 46.7	46.7 46.7	0.0	0.1%	63.0% 64.2%	48.4 48.4	48.7 48.6	0.2	0.5%	63.0% 64.2%	49.2 49.1	49.1 49.1	0.0	-0.1% 0.0%
65.4%	45.4	45.5	0.1	0.3%	65.4%	46.7	46.7	0.0	0.1%	65.4%	48.4	48.6	0.2	0.4%	65.4%	49.1	49.0	-0.1	-0.1%
66.7% 67.9%	45.3 45.3	45.5 45.4	0.1	0.3%	66.7% 67.9%	46.6 46.4	46.6 46.5	0.0	0.1%	66.7% 67.9%	48.4 48.4	48.6 48.5	0.2 0.1	0.5%	66.7% 67.9%	49.1 49.1	49.0 49.0	-0.1 -0.1	-0.1% -0.2%
69.1%	45.3 45.2	45.4 45.4	0.1 0.2	0.3%	69.1%	46.4 46.4	46.5 46.5	0.1	0.2%	67.9%	48.4 48.3	48.5 48.5	0.1	0.3%	69.1%	49.1 49.0	49.0	-0.1	-0.2%
70.4%	45.2	45.3	0.1	0.2%	70.4%	46.3	46.4	0.1	0.3%	70.4%	48.3	48.4	0.1	0.2%	70.4%	48.9	48.9	-0.1	-0.1%
71.6%	45.2	45.2	0.0	0.1%	71.6%	46.3	46.4	0.1	0.2%	71.6%	48.3	48.4	0.1	0.2%	71.6%	48.9	48.8	0.0	-0.1%
72.8% 74.1%	45.1 45.0	45.2 45.1	0.1	0.2%	72.8% 74.1%	46.3 46.2	46.3 46.3	0.1	0.2%	72.8% 74.1%	48.3 48.2	48.4 48.4	0.1	0.3%	72.8% 74.1%	48.9 48.8	48.8 48.8	0.0	0.0%
75.3%	45.0	45.1	0.1	0.3%	75.3%	46.2	46.3	0.1	0.2%	75.3%	48.2	48.4	0.2	0.4%	75.3%	48.8	48.8	-0.1	-0.1%
76.5%	44.9	45.0	0.1	0.2%	76.5%	46.2	46.2	0.0	0.0%	76.5%	48.1	48.4	0.2	0.5%	76.5%	48.8	48.8	0.0	0.0%
77.8% 79.0%	44.9 44.6	44.9 44.9	0.1	0.1%	77.8% 79.0%	46.1 46.1	46.2 46.2	0.0	0.1% 0.1%	77.8% 79.0%	48.1 47.9	48.4 48.3	0.3 0.4	0.5%	77.8% 79.0%	48.8 48.6	48.7 48.7	0.0	0.0%
80.2%	44.6	44.9	0.3	0.7%	80.2%	46.1	46.2	0.0	0.1%	80.2%	47.9	48.3	0.4	0.8%	80.2%	48.5	48.7	0.1	0.4%
81.5%	44.5	44.6	0.1	0.2%	81.5%	46.1	46.1	0.0	0.1%	81.5%	47.8	48.2	0.4	0.8%	81.5%	48.5	48.6	0.2	0.4%
82.7%	44.5	44.6	0.1	0.2%	82.7%	46.0	46.1	0.0	0.0%	82.7%	47.8	48.2	0.4	0.8%	82.7%	48.4	48.6	0.2	0.4%
84.0% 85.2%	44.5 44.3	44.5 44.5	0.0	0.0%	84.0% 85.2%	45.9 45.8	46.0 46.0	0.1	0.2% 0.5%	84.0% 85.2%	47.7 47.6	48.1 48.0	0.4 0.4	0.8%	84.0% 85.2%	48.3 48.3	48.5 48.4	0.1 0.1	0.3% 0.3%
86.4%	44.3	44.4	0.1	0.3%	86.4%	45.7	45.9	0.1	0.3%	86.4%	47.4	48.0	0.6	1.2%	86.4%	48.3	48.3	0.0	-0.1%
87.7%	44.2	44.3	0.1	0.3%	87.7%	45.7	45.8	0.1	0.2%	87.7%	47.4	47.9	0.5	1.1%	87.7%	48.3	48.2	0.0	-0.1%
88.9%	44.2	44.2	0.0	0.1%	88.9%	45.6	45.7	0.1	0.2%	88.9%	47.3	47.8	0.5	1.0%	88.9%	48.2	48.1	-0.1	-0.3%
90.1% 91.4%	44.0 44.0	44.1 44.0	0.1	0.2%	90.1% 91.4%	45.6 45.6	45.7 45.7	0.0	0.1%	90.1% 91.4%	47.2 47.1	47.5 47.3	0.3	0.6%	90.1% 91.4%	48.2 48.1	48.0 47.9	-0.3 -0.1	-0.5% -0.3%
92.6%	44.0	44.0	0.0	0.1%	92.6%	45.4	45.5	0.1	0.1%	92.6%	47.1	47.1	-0.1	-0.1%	92.6%	47.9	47.8	-0.1	-0.3%
93.8%	43.9	44.0	0.1	0.1%	93.8%	45.4	45.4	0.0	0.0%	93.8%	47.0	47.0	0.0	0.1%	93.8%	47.8	47.8	0.0	0.0%
95.1% 96.3%	43.9 43.6	43.9 43.6	0.0	0.0%	95.1%	45.3 45.0	45.4 45.0	0.1	0.3%	95.1% 96.3%	46.9 46.6	47.0 46.6	0.1	0.2%	95.1% 96.3%	47.8 47.8	47.7 47.7	0.0	-0.1%
96.3%	43.6 43.6	43.6 43.6	0.0	-0.1%	96.3% 97.5%	45.0 44.8	45.0 45.0	0.0	0.0%	96.3% 97.5%	46.6 46.4	46.4	0.0	0.0%	96.3%	47.8 47.7	47.6	-0.1	-0.1% -0.2%
98.8%	43.4	43.4	0.0	0.1%	98.8%	44.8	44.9	0.1	0.1%	98.8%	46.3	46.4	0.2	0.3%	98.8%	47.6	47.6	0.0	-0.1%
100.0%	43.1	43.1	0.0	0.0%	100.0%	44.7	44.7	0.0	0.0%	100.0%	46.0	46.0	0.0	0.0%	100.0%	46.6	46.7	0.0	0.1%

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

August

September

Part	Percent		June			Percent		July			Percent		August			Percent		September		
Part		No Action Alternative	Alternative A	Absolute	Relative		No Action Alternative	Alternative A	Absolute	Relative		No Action Alternative	Alternative A	Absolute	Relative		No Action Alternative	Alternative A	Absolute	Relative
No.		Monthly Temperature	Monthly Temperature				Monthly Temperature	Monthly Temperature				Monthly Temperature	Monthly Temperature				Monthly Temperature	Monthly Temperature		
Second				(DEG-F)	(,	(%)			(DEG-F)		(%)			(DEG-F)	()				(DEG-F)	
Second				0.0	0.0%	0.0%			-1.5	-2.4%	0.0%			-1.5	-2.3%				-1.7	-2.5%
25			54.8			1.2%					1.2%									
Section Sect																				
440																				
Section Sect																				
The Color																				
April																				
97. 93. 93. 93. 95. 95. 95. 95. 95. 95. 95. 95. 95. 95	0.60/																			
1	0.0%									0.270										
12.5 10.5																				
100.																				
140																				
100.00 1											13.070									
12.50																				
10 10 10 10 10 10 10 10						10.0%					10.0%									
1600 10																				
1			51.5	0.1							16.5%	53.9								
22.0 911 911 911 911 911 911 912 912 912 912																				
25.00 1.00																				
APP																				
250											23.5%									
Property						24.7%				-0.1%	24.7%			-0.2	-0.3%	24.7%			-0.6	
See																				
2016 203 003 003 014 015				0.0		27.2%					27.2%		53.2	-0.2		27.2%			-0.5	
500 500																				
20 to 20 t																				
1934 204 205 206 207																				
3400, 508 508 508 507 500 00 0.0 0.15 3700 517 517 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2																				
2006 2007 2007 2007 2007 2008 2018 2017 2014 2018	33.3%			0.0		33.3%					33.3%			-0.2	-0.3%	33.3%			-0.3	
2706 207 208 200 -0.11 -0.25 -0.27 -0.11 -0.25 -0.27 -0.25 -0.27 -0.25 -0.																				
38.56 56.6				0.0							35.8%								-0.4	
230.00																				
407% 508 50.5											38.3%		52.7			38.3%				
420h 955 955 951 952 953 953 953 953 953 953 953 953 953 953	39.5%											53.0		-0.4						
42% 50.5 90.4 9.1 9.2% 52.8 91.6 91.5 91.5 91.6 91.5 91.5 91.6 91.5 91.5 91.6 91.5 91.5 91.5 91.5 91.5 91.5 91.5 91.5				-0.1		40.7%				-0.2%	40.7%			-0.3	-0.6%				-0.5	
44.05 50.5 50.4 0.1 0.25 0.4 44.05 51.5 0.21 0.25 0.24 0.25 0.24 0.25																				
457% 50.5 50.4 -0.1 -0.3% 457% 51.5 51.5 -0.1 -0.1% 44.7% 52.7 52.3 -0.5 -0.9% 45.7% 54.4 53.8 -0.6 -1.2% 45.8 51.5 -0.1 -0.3% 45.7% 51.5 -0.1 -0.3% 45.7% 51.5 -0.1 -0.3% 45.8 51.5 -0.1 -0.1 -0.1% 45.8 51.5 -0.1 -0.1 -0.1% 45.8 51.5 -0.1 -0.1 -0.1% 45.8 51.5 -0.1 -0.1 -0.1% 45.8 51.5 -0.1 -0.1 -0.1% 45.8 51.5 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1																				
40% 005 004 0.11 0.05% 4.09% 51.5 51.5 0.11 0.11% 4.09% 4.09% 52.7 0.22 0.44 -0.09% 4.09% 54.4 53.3 0.6 -0.12% 4.09% 54.6 53.8 0.6 -0.12% 4.09% 54.6 53.8 0.6 -0.12% 4.09% 54.6 53.8 0.6 -0.12% 4.09% 54.6 53.8 0.6 -0.12% 4.09% 54.6 53.8 0.6 -0.12% 4.09% 54.6 53.8 0.6 -0.12% 4.09% 54.6 53.8 0.6 -0.12% 4.09% 54.6 53.8 0.6 -0.12% 4.09% 54.6 53.8 0.6 -0.12% 4.09% 54.6 53.8 0.6 -0.12% 4.09% 54.6 53.8 0.6 -0.12% 4.09% 54.6 53.8 0.6 -0.12% 4.09% 54.6 53.8 0.6 -0.12% 4.09% 54.6 53.8 0.6 -0.12% 4.09% 54.6 53.8 0.6 -0.12% 4.09% 54.6 53.8 0.6 -0.12% 4.09% 54.6 53.8 0.6 -0.12% 4.09% 54.6 53.8 0.6 -0.12% 4.09% 4.09% 54.6 53.8 0.6 -0.12% 4.09% 54.6 53.8 0.6 -0.12% 4.09% 54.6 53.8 0.6 -0.12% 4.09% 54.6 53.8 0.6 -0.12% 4.09% 54.6 53.8 0.6 -0.12% 4.09% 54.6 53.8 0.6 -0.12% 4.09% 54.6 53.8 0.6 -0.12% 4.09% 54.6 53.8 0.6 -0.12% 4.09% 54.6 53.8 0.6 -0.12% 4.09% 54.6 53.8 0.6 -0.12% 4.09% 54.6 53.8 0.6 -0.12% 4.09% 54.6 53.8 0.6 -0.12% 4.09% 54.6 53.8 0.6 -0.12% 4.09% 54.6 53.8 0.6 -0.12% 4.09% 54.6 53.8						44.4%							52.4	-0.4		44.4%				
## 48/% 90.5 50.4 -0.1 -0.3% -0.8%																				
404% 505 50.4											46.9%									
So So So So So So So So					-0.3%	48.1%	51.5													
\$19% \$0.4 \$0.3 \$0.1 \$0.1% \$1.9% \$1.4 \$1.4 \$0.1 \$0.1% \$1.9% \$2.5 \$5.2 \$0.3 \$0.0% \$1.9% \$3.9 \$3.5 \$0.5 \$0.9% \$1.9% \$3.9 \$3.5 \$0.5 \$0.9% \$1.9% \$3.9 \$3.5 \$0.5 \$0.9% \$1.9% \$3.9 \$3.5 \$0.5 \$0.9% \$1.9% \$3.9 \$3.5 \$0.5 \$0.9% \$1.9% \$3.9 \$3.5 \$0.3 \$0.3 \$0.1 \$0.1% \$5.6% \$9.1 \$1.3 \$1.3 \$1.3 \$1.3 \$1.0 \$0.1 \$0.1% \$5.6% \$0.2 \$0.2 \$0.2 \$0.1 \$0.1% \$5.6% \$3.7 \$3.4 \$0.2 \$0.9% \$1.9% \$5.0% \$0.3 \$0.3 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1																				
\$3.1% \$0.4 \$0.3 \$0.1 \$0.2% \$3.1% \$1.3 \$1.4 \$0.0 \$0.0% \$3.1% \$2.5 \$5.2 \$0.3 \$0.5% \$5.1% \$3.8 \$3.4 \$0.4 \$0.7% \$4.5% \$5.8 \$0.3 \$0.3 \$0.1 \$0.1 \$0.1 \$0.1 \$0.0 \$0.0 \$0.0 \$0.0					-0.1%		51.4											53.5		-1.0%
94.7% 50.3 50.3 0.1 0.1% 54.5% 51.3 51.3 0.0 0.1% 54.3% 52.5 52.2 0.3 0.5% 54.2% 52.3 0.3 0.5% 52.3 0.3 0.1 0.1% 55.8% 51.3 51.3 0.1 0.1% 55.8% 52.2 0.2 0.0 0.0% 55.8% 52.3 52.4 0.3 0.5% 52.8% 52.3 52.4 0.3 0.5% 52.8% 52.3 52.4 0.3 0.5% 52.8% 52.3 52.4 0.3 0.5% 52.8% 52.3 52.4 0.3 0.5% 52.8% 52.3 52.4 0.3 0.5% 52.8% 52.3 52.4 0.3 0.5% 52.8% 52.3 52.4 0.3 0.5% 52.8% 52.3 52.4 0.3 0.5% 52.8% 52.3 52.4 0.3 0.5% 52.8% 52.3 52.4 0.3 0.5% 52.8 52.8 52.2 0.0 0.0 0.0% 55.0 52.0 0.1 0.2% 59.0 59.0 59.0 59.0 59.0 59.0 59.0 59.0	51.9%	50.4	50.3	-0.1	-0.1%	51.9%	51.4	51.4	-0.1	-0.1%	51.9%	52.5	52.2	-0.3	-0.5%	51.9%	53.9	53.5	-0.5	-0.9%
See No. So.	53.1%		50.3	-0.1	-0.2%	53.1%	51.3	51.4		0.0%	53.1%	52.5	52.2	-0.3	-0.5%	53.1%		53.4	-0.4	-0.7%
Septim S	54.3%	50.3	50.3	-0.1	-0.1%	54.3%	51.3	51.3	0.0	0.1%	54.3%	52.5	52.2	-0.3	-0.5%	54.3%	53.8	53.4	-0.4	-0.7%
860% 503 502 0-1 -0.2% 580% 51.3 51.3 0.1 0.1% 58.0% 52.2 52.2 0.0 0.0% 58.0% 53.6 53.1 -0.5 1.0% 60.5% 50.2 -0.1 -0.2% 50.2% 50.2 -0.1 -0.2% 50.0 -0.1 -0.2% 50.0 -0.1 -0.2% 50.0 -0.1 -0.2% 50.0 -0.5 -0.0% 50.0 -0.5 -0.0% 50.0 -0.5 -0.0% 50.0 -0.0 -0.0% 50.0 -0.0 -0.0% 50.0 -0.0 -0.0% 50.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0					-0.1%		51.3			0.1%	55.6%			-0.2					-0.3	-0.6%
59.3% 50.2 50.2 -0.1 -0.2% 59.3% 51.3 51.3 0.1 0.1% 59.3% 52.2 52.1 0.0 0.0% 59.3% 53.6 53.0 -0.5 -0.0% 60.5% 51.2 51.3 0.1 0.2% 60.5% 52.2 52.0 -0.1 -0.2% 60.5% 53.6 53.0 -0.5 -0.0% 61.7% 50.0 50.1 0.0 0.0 -0.1% 61.7% 51.2 51.3 0.1 0.3% 61.7% 52.2 52.0 -0.1 -0.2% 60.5% 53.6 53.0 -0.5 -0.0% 61.7% 50.0 50.0 0.0 0.0 0.1% 61.7% 51.2 51.3 0.1 0.3% 61.7% 52.1 52.0 -0.1 -0.2% 61.7% 62.2% 62.6% 61.7% 62.6%				-0.1	-0.1%		51.3	51.3	0.1	0.1%	56.8%		52.2		-0.1%		53.7	53.3	-0.4	-0.8%
59.3% 50.2 50.2 0.1 0.2% 59.3% 51.3 0.1 0.1% 59.3% 52.2 52.1 0.0 0.0% 59.3% 53.5 53.0 0.5 0.9% 50.3% 53.6 53.0 0.5 0.9% 50.3% 53.6 53.0 0.5 0.9% 50.3% 53.6 53.0 0.5 0.9% 50.3% 53.6 53.0 0.5 0.9% 50.3% 53.6 53.0 0.5 0.9% 50.3% 53.6 53.0 0.5 0.9% 50.3% 53.6 53.0 0.5 0.9% 50.3% 53.6 53.0 0.5 0.9% 50.3% 53.6 53.0 0.5 0.9% 50.3% 53.6 53.0 0.5 0.9% 50.3% 53.6 53.0 0.5 0.9% 50.3% 53.0 53.0 0.5 0.9% 50.3% 53.0 53.0 0.5 0.9% 50.3% 53.0 0.5 0.9% 50.3% 53.0 0.5 0.9% 50.3% 53.0 0.5 0.9% 50.3% 53.0 0.5 0.5 0.9% 50.3% 53.0 0.5 0.5 0.9% 50.3% 53.0 0.5 0.5 0.9% 50.3% 53.0 0.5 0.5 0.9% 50.3% 53.0 0.5 0.5 0.9% 50.3% 53.0 0.5 0.5 0.9% 50.3% 53.0 0.5 0.9% 50.3% 53.0 0.5 0.5 0.9% 50.3% 53.0 0.5 0.5 0.9% 50.3% 53.0 0.5 0.0 0.0 0.0 0.0 0.1% 50.3	58.0%	50.3	50.2	-0.1	-0.2%	58.0%	51.3	51.3	0.1	0.1%	58.0%	52.2	52.2	0.0	0.0%	58.0%	53.6	53.1	-0.5	-1.0%
617% 50.1 50.1 0.0 -0.1% 61.7% 51.2 51.3 0.1 0.3% 61.7% 52.1 52.0 -0.1 -0.2% 61.7% 53.4 52.9 -0.5 -0.9% 63.0% 53.4 52.9 -0.5 -0.9% 63.0% 53.4 52.9 -0.5 -0.9% 63.0% 53.4 52.9 -0.5 -0.9% 64.2% 50.0 50.0 0.0 0.1% 64.2% 51.1 51.3 0.1 0.3% 64.2% 52.1 52.0 -0.1 -0.2% 64.2% 53.4 52.8 -0.6 -1.0% 64.2% 52.1 52.0 -0.1 -0.2% 64.2% 53.4 52.8 -0.6 -1.0% 64.2% 52.1 52.0 -0.1 -0.2% 64.2% 53.4 52.8 -0.6 -0.5% 64.2% 52.1 52.0 -0.1 -0.2% 64.2% 53.4 52.8 -0.6 -0.5% 64.2% 52.1 52.0 -0.1 -0.2% 64.2% 53.4 52.8 -0.6 -0.5% 64.2% 52.1 52.0 -0.1 -0.2% 64.2% 53.4 52.8 -0.6 -0.5% 64.2% 52.1 52.0 -0.1 -0.2% 64.2% 53.4 52.8 -0.6 -0.5% 64.2% 52.1 52.0 -0.1 -0.2% 64.2% 53.4 52.8 -0.6 -0.5% 64.2% 52.1 52.0 -0.1 -0.2% 64.2% 53.4 52.8 -0.6 -0.5% 64.2% 52.1 52.0 -0.1 -0.2% 64.2% 53.4 52.8 -0.6 -0.5% 64.2% 52.0 52.0 -0.0 -0.1% 64.2% 52.0 52.0 -0.0 -0.1% 64.2% 52.0 52.0 -0.0 -0.1% 64.2% 52.0 52.0 52.0 -0.0 -0.1% 64.2% 52.0 52.0 52.0 -0.0 -0.1% 64.2% 52.0 52.0 52.0 -0.0 -0.1% 64.2% 52.0 52.0 52.0 52.0 52.0 52.0 52.0 52.0	59.3%	50.2	50.2	-0.1	-0.2%	59.3%	51.3	51.3	0.1	0.1%	59.3%	52.2	52.1	0.0	0.0%	59.3%	53.5	53.0	-0.5	-0.9%
62.0% 50.0 50.1 0.1 0.1% 63.0% 51.1 51.3 0.1 0.3% 63.0% 52.1 52.0 -0.1 -0.2% 63.0% 53.4 52.9 -0.5 -1.0% 64.2% 50.0 50.0 0.0 0.0 0.1% 64.2% 51.1 51.3 0.1 0.3% 64.2% 52.1 52.0 -0.1 -0.2% 68.4% 53.3 52.8 -0.5 -1.0% 68.4% 50.0 50.0 0.0 0.0 0.1% 68.4% 51.1 51.2 0.1 0.2% 68.4% 52.1 52.0 -0.1 -0.2% 68.4% 52.3 52.0 -0.1 -0.2% 68.4% 52.3 52.0 -0.1 -0.2% 68.4% 52.3 52.0 -0.0 0.0 0.1% 69.4% 50.0 50.0 0.0 0.0 0.1% 69.4% 51.1 51.2 0.1 0.1% 69.4% 52.0 51.0 51.0 0.1% 69.4% 69.9% 50.0 0.0 0.0 0.1% 69.4% 51.1 51.1 0.1 0.1% 69.4% 52.0 51.0 50.0 0.0 0.1% 69.4% 51.1 51.1 0.1 0.1% 69.4% 52.0 51.0 50.0 0.0 0.1% 69.4% 51.1 51.1 0.1 0.1% 69.4% 52.0 51.0 50.0 0.0 0.1% 69.4% 51.1 51.1 0.1 0.1% 69.4% 52.0 51.0 -0.0 0.1% 69.4% 52.2 52.8 -0.5 -0.0% 51.0 51.0 0.1% 69.4% 52.0 51.0 -0.0 0.0 0.1% 69.4% 51.1 51.1 0.1 0.1% 69.4% 52.0 51.0 -0.0 0.0 0.1% 69.4% 52.0 51.0 0.0 0.0 0.1% 69.4% 51.1 51.1 0.1 0.1% 69.4% 52.0 51.0 -0.0 0.0 0.0 0.1% 69.4% 51.0 51.1 0.1 0.2% 69.4% 52.0 51.0 -0.1 -0.2% 69.4% 52.2 52.8 -0.5 -0.0% 51.0 0.0 0.0 0.0 0.1% 69.4% 51.0 51.1 0.1 0.2% 69.4% 52.0 51.0 -0.1 -0.2% 69.4% 52.2 52.8 -0.5 -0.0% 51.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	60.5%	50.2	50.1	0.0	0.0%	60.5%	51.2	51.3	0.1	0.2%	60.5%	52.2	52.0	-0.1	-0.2%	60.5%	53.5	53.0	-0.5	-0.9%
64.2% 50.0 50.0 0.0 0.1% 64.2% 51.1 51.3 0.1 0.3% 64.2% 52.1 52.0 -0.1 -0.2% 65.4% 52.3 52.8 -0.6 -1.0% 66.7% 50.0 50.0 0.0 0.0 0.1% 65.4% 51.1 51.1 51.1 0.1 0.1% 66.7% 52.1 52.0 -0.1 -0.2% 66.7% 53.3 52.8 -0.5 -0.9% 66.7% 50.0 50.0 0.0 0.0 0.1% 66.7% 51.1 51.1 0.1 0.1% 66.7% 52.1 52.0 -0.1 -0.2% 66.7% 53.3 52.8 -0.5 -0.9% 66.7% 50.0 50.0 0.0 0.0 0.1% 66.7% 51.1 51.1 0.1 0.1% 66.7% 52.1 52.0 -0.1 -0.2% 66.7% 53.3 52.8 -0.5 -0.9% 66.7% 50.0 50.0 0.0 0.0 0.0 0.1% 66.7% 51.1 0.1 0.1% 66.7% 52.1 52.0 -0.1 -0.2% 66.7% 53.3 52.8 -0.5 -0.9% 50.0 50.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	61.7%	50.1	50.1	0.0	-0.1%	61.7%	51.2	51.3	0.1	0.3%	61.7%	52.1	52.0	-0.1	-0.2%	61.7%	53.4	52.9	-0.5	-0.9%
64.2% 50.0 50.0 0.0 0.1% 64.2% 51.1 51.3 0.1 0.3% 64.2% 52.1 52.0 -0.1 -0.2% 65.4% 52.3 52.8 -0.6 -1.0% 66.7% 50.0 50.0 0.0 0.0 0.1% 65.4% 51.1 51.1 51.1 0.1 0.1% 66.7% 52.1 52.0 -0.1 -0.2% 66.7% 53.3 52.8 -0.5 -0.9% 66.7% 50.0 50.0 0.0 0.0 0.1% 66.7% 51.1 51.1 0.1 0.1% 66.7% 52.1 52.0 -0.1 -0.2% 66.7% 53.3 52.8 -0.5 -0.9% 66.7% 50.0 50.0 0.0 0.0 0.1% 66.7% 51.1 51.1 0.1 0.1% 66.7% 52.1 52.0 -0.1 -0.2% 66.7% 53.3 52.8 -0.5 -0.9% 66.7% 50.0 50.0 0.0 0.0 0.0 0.1% 66.7% 51.1 0.1 0.1% 66.7% 52.1 52.0 -0.1 -0.2% 66.7% 53.3 52.8 -0.5 -0.9% 50.0 50.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	63.0%	50.0	50.1	0.1	0.1%		51.1	51.3	0.1	0.3%	63.0%	52.1	52.0	-0.1	-0.2%	63.0%	53.4	52.9	-0.5	-1.0%
66.7% 50.0 50.0 0.0 0.1% 66.7% 51.1 51.1 0.1 0.1% 66.7% 52.1 52.0 -0.1 -0.2% 66.7% 53.3 52.8 -0.5 -0.9% 69.7% 49.9 50.0 0.0 0.1% 67.9% 52.2 52.8 -0.5 -0.9% 69.1% 49.9 50.0 0.0 0.1% 67.9% 51.1 51.1 0.1 0.1% 69.1% 52.0 51.9 -0.1 -0.2% 69.1% 53.2 52.8 -0.5 -0.9% 69.1% 49.9 50.0 0.0 0.1% 70.4% 51.0 51.1 0.1 0.1% 69.1% 52.0 51.9 -0.1 -0.2% 69.1% 53.2 52.8 -0.5 -0.9% 71.6% 49.9 49.9 0.1 0.1% 70.4% 51.0 51.1 0.1 0.1% 71.6% 52.0 51.9 -0.1 -0.2% 70.4% 53.2 52.7 -0.5 -0.9% 71.6% 49.9 49.9 0.1 0.1% 70.4% 51.0 51.1 0.1 0.1% 71.6% 52.0 51.9 -0.1 -0.2% 70.4% 53.2 52.6 -0.6 -1.1% 71.6% 49.9 49.9 0.1 0.1% 71.6% 51.0 51.1 0.1 0.1% 71.6% 52.0 51.8 -0.1 -0.2% 70.4% 53.2 52.5 -0.6 -1.1% 71.6% 51.0 51.1 0.1 0.1% 71.6% 52.0 51.8 -0.1 -0.2% 71.6% 53.2 52.5 -0.6 -1.1% 71.6% 71.6% 49.9 49.9 49.9 0.1 0.1% 72.8% 51.0 51.1 0.1 0.1% 71.6% 52.0 51.8 -0.1 -0.2% 71.6% 53.2 52.5 -0.6 -1.1% 72.8% 51.0 51.1 0.1 0.1% 72.8% 51.8 51.8 -0.1 -0.2% 71.6% 53.2 52.5 -0.6 -1.1% 72.8% 51.0 51.0 0.1 0.1% 72.8% 51.8 51.8 -0.1 -0.2% 72.8% 53.0 52.5 -0.6 -1.1% 72.8% 51.0 51.0 0.1 0.1% 72.8% 51.8 51.8 -0.1 -0.2% 72.8% 53.0 52.5 -0.6 -1.1% 72.8% 51.8 51.0 51.0 0.1 0.1% 72.8% 51.8 51.8 -0.1 -0.2% 72.8% 53.0 52.5 -0.6 -1.1% 72.8% 51.8 51.8 -0.1 -0.2% 72.8% 53.0 52.5 -0.6 -1.1% 72.8% 51.8 51.8 -0.1 -0.2% 72.8% 53.0 52.5 -0.6 -1.1% 72.8% 51.8 51.8 -0.1 -0.2% 72.8% 53.0 52.5 -0.6 -1.1% 72.8% 51.8 51.8 -0.1 -0.2% 72.8% 53.0 52.5 -0.6 -1.1% 72.8% 51.8 51.8 -0.1 -0.2% 72.8% 53.0 52.5 -0.6 -1.1% 72.8% 51.8 51.8 -0.1 -0.2% 72.8% 53.0 52.5 -0.6 -1.1% 72.8% 51.8 51.8 -0.1 -0.2% 72.8% 53.0 52.5 -0.6 -1.1% 72.8% 51.8 51.8 -0.1 -0.2% 72.8% 53.0 52.5 -0.6 -1.1% 72.8% 51.8 51.8 51.7 -0.0 -0.1% 72.8% 53.0 52.5 -0.6 -1.1% 72.8% 51.8 51.8 51.7 -0.0 -0.1% 72.8% 53.0 52.5 -0.6 -1.1% 72.8% 51.8 51.8 51.7 -0.0 -0.1% 72.8% 53.0 52.5 -0.5 -0.1% 51.8 51.8 51.7 -0.0 -0.1% 72.8% 53.0 52.5 -0.5 -0.5 -0.1% 51.8 51.8 51.7 -0.0 -0.1% 72.8% 53.0 52.5 -0.5 -0.5 -0.1% 51.0 51.0 51.0 51.0 51.0 51.0 51.0 51.0	64.2%	50.0	50.0	0.0	0.1%	64.2%	51.1	51.3	0.1	0.3%	64.2%	52.1	52.0	-0.1	-0.2%	64.2%	53.4	52.8	-0.6	-1.0%
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81.5% 49.6 49.6 0.0 0.0% 81.5% 50.9 51.0 0.1 0.2% 81.5% 51.7 51.7 0.0 -0.1% 81.5% 52.8 52.3 -0.5 1.0% 82.7% 49.6 49.6 0.0 0.0% 82.7% 50.9 51.0 0.1 0.1% 82.7% 51.7 51.7 0.0 0.0% 82.7% 52.8 52.3 -0.5 1.0% 84.0% 84.0% 84.0% 85.6 52.2 -0.5 1.0% 84.0% 84.0% 85.6 52.8 52.2 -0.5 1.0% 84.0% 85.2% 49.5 49.5 0.1 0.2% 85.2% 50.8 50.9 0.0 0.1% 85.2% 51.6 51.6 0.0 0.0% 85.2% 52.6 52.2 -0.4 -0.8% 86.4% 49.4 49.5 0.1 0.2% 86.4% 50.8 50.9 0.0 0.1% 85.2% 51.6 51.6 0.0 0.0% 85.2% 52.6 52.2 -0.4 -0.8% 86.4% 49.4 49.5 0.1 0.2% 86.4% 50.8 50.9 0.0 0.0% 86.4% 51.5 51.6 0.2 0.3% 86.4% 52.6 52.0 -0.7 1.2% 88.9% 49.3 49.3 0.0 0.1% 87.7% 50.8 50.8 50.9 0.0 0.0 0.1% 87.7% 51.4 51.6 0.2 0.3% 86.4% 52.6 52.0 -0.7 1.2% 88.9% 49.3 49.3 0.0 0.1% 88.9% 50.7 50.8 0.1 0.2% 88.9% 51.4 51.6 0.1 0.3% 88.9% 52.4 51.7 0.7 1.3% 90.1% 49.2 49.2 0.0 -0.1% 90.1% 50.6 50.7 0.1 0.2% 90.1% 51.4 51.6 0.2 0.3% 90.1% 52.2 51.7 0.6 1.1% 92.6% 49.1 49.1 0.0 0.0% 92.6% 50.6 50.7 0.1 0.2% 91.4% 51.4 51.6 0.2 0.3% 91.4% 52.2 51.7 0.6 1.1% 92.6% 49.1 49.1 0.0 0.0% 92.6% 50.6 50.7 0.1 0.2% 93.0% 51.4 51.5 0.1 0.2 0.3% 93.8% 51.5 51.3 0.2 0.3% 93.8% 51.5 51.3 0.2 0.5% 95.1% 51.5 51.3 0.2 0.5% 95.1% 51.5 51.3 0.2 0.5% 95.1% 51.5 51.3 0.2 0.5% 95.1% 51.5 51.2 0.3 0.5% 95.1% 51.5 51.3 0.2 0.5% 95.1% 51.5 51.3 0.2 0.5% 95.1% 51.5 51.3 0.2 0.5% 95.1% 51.5 51.3 0.2 0.5% 95.5% 51.1 51.1 0.0 0.0% 95.5% 51.1 51.1 0.1 0.1% 98.8% 48.5 48.6 0.1 0.1% 98.8% 50.1 50.5 10.5 0.2 0.4% 97.5% 51.0 51.1 0.0 0.1% 98.8% 50.5 50.6 0.1 0.2% 96.3% 51.1 51.1 0.0 0.1% 98.8% 50.5 50.6 0.1 0.2% 96.3% 51.1 51.1 0.0 0.1% 98.8% 50.5 50.6 0.1 0.2% 96.3% 51.0 51.1 0.0 0.1% 98.8% 50.5 50.6 0.1 0.2% 96.3% 51.0 51.1 0.0 0.1% 98.8% 50.5 50.6 0.1 0.2% 96.3% 51.0 51.1 0.0 0.1% 98.8% 50.5 50.6 0.1 0.2% 98.8% 50.5 50.6 0.1 0.2% 96.3% 51.0 51.1 0.0 0.1 0.2% 98.8% 50.5 50.6 0.1 0.2% 96.3% 51.1 51.1 0.0 0.1 0.2% 98.8% 50.5 50.6 0.1 0.2% 96.3% 51.1 51.1 0.0 0.1 0.2% 98.8% 50.5 50.6 0.1 0.2% 98.8% 50.5 50.6 0.1 0.2% 96.3% 51.0 51.1 0.0 0.1 0.2% 98.8% 50.5 50.6 0.1 0.2% 98.8% 50.5 50.6 0.1 0.2% 98.8% 50.5 50.6 0.1 0	80.2%	49.6	49.6	0.0	0.0%	80.2%	50.9	51.0	0.1	0.1%	80.2%	51.8	51.7	-0.1	-0.1%	80.2%	52.9	52.3	-0.5	-1.0%
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84.0% 49.5 49.5 0.0 0.1% 84.0% 50.9 50.9 0.1 0.1% 84.0% 51.6 51.6 0.0 0.0% 84.0% 52.6 52.2 -0.4 -0.8% 85.2% 49.5 49.5 0.1 0.2% 85.2% 51.6 50.8 50.9 0.0 0.1% 85.2% 51.6 51.6 0.0 0.0% 85.2% 52.6 52.2 -0.4 -0.8% 86.4% 49.4 49.5 0.1 0.2% 86.4% 50.8 50.9 0.0 0.1% 87.7% 51.5 51.6 0.2 0.3% 87.7% 52.5 52.6 52.0 -0.7 -1.2% 88.9% 49.4 49.4 49.4 0.1 0.1% 87.7% 50.8 50.8 50.9 0.0 -0.1% 87.7% 51.4 51.6 0.2 0.3% 87.7% 52.5 52.0 -0.5 -1.0% 88.9% 49.3 49.3 0.0 0.1% 88.9% 50.7 50.8 0.1 0.2% 88.9% 51.4 51.6 0.1 0.3% 88.9% 52.4 51.7 -0.7 -1.3% 90.1% 49.3 49.3 0.0 0.1% 90.1% 50.6 50.7 0.1 0.2% 88.9% 51.4 51.6 0.2 0.3% 90.1% 52.2 51.7 -0.6 -1.1% 91.4% 49.2 49.2 0.0 -0.1% 90.1% 50.6 50.7 0.1 0.2% 91.4% 51.4 51.6 0.2 0.3% 91.4% 52.2 51.7 -0.6 -1.1% 92.6% 49.1 49.1 0.0 0.0% 92.6% 50.6 50.7 0.1 0.3% 92.6% 51.4 51.6 0.2 0.3% 91.4% 52.2 51.7 51.6 0.6 -1.1% 93.8% 49.1 49.1 0.0 0.0% 92.6% 50.6 50.7 0.1 0.3% 92.6% 51.4 51.5 0.1 0.2% 93.8% 51.5 51.3 0.2 0.3% 93.8% 51.5 51.3 0.2 0.5% 95.1% 51.5 51.3 0.2 0.5% 95.1% 51.5 51.3 0.2 0.5% 95.1% 51.5 51.3 0.2 0.5% 95.1% 51.5 51.3 0.2 0.5% 95.1% 51.5 51.2 0.3 0.6% 96.3% 48.7 48.8 0.1 0.2% 98.8% 50.4 50.5 0.5 0.1 0.2% 96.3% 51.1 51.3 0.2 0.4% 96.3% 51.1 51.1 0.0 0.1% 98.8% 50.5 50.8 0.2 0.4%	82.7%	49.6	49.6	0.0	0.0%	82.7%	50.9	51.0	0.1	0.1%	82.7%	51.7	51.7	0.0	0.0%	82.7%	52.8	52.2	-0.5	-1.0%
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	100.0%	40.4	40.4	0.0	0.076	100.0%	43.3	30.0	0.2	0.470	100.0%	30.0	30.0	0.0	0.076	100.0%	30.3	30.3	0.0	*0.170

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

Monthly Temperature (DEG-F) Analysis Period Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Long-term													
Analysis Period	Oct	Nov	Dec	Jan				,	Jun	Jul	Aua	Sep	
				Lor	na-term								
Full Simulation Period ¹													
No Action Alternative	55.0	51.6	47.2	45.0	46.0	48.7	51.5	53.4	53.4	54.3	55.4	56.6	
Alternative A	54.5	51.4	47.5	45.3	46.0	48.7	51.9	53.3	53.4	54.2	55.1	56.1	
Difference	-0.5	-0.2	0.2	0.2	0.0	0.1	0.4	-0.1	0.0	0.0	-0.3	-0.5	
Percent Difference ³	-0.9%	-0.5%	0.5%	0.5%	0.1%	0.1%	0.8%	-0.1%	0.0%	0.0%	-0.5%	-0.89	
				Water Y	ear Types	2							
Wet (32%)													
No Action Alternative	54.4	52.0	47.3	44.9	45.6	47.7	50.7	53.1	53.2	54.1	54.6	54.6	
Alternative A	54.2	51.8	47.7	45.1	45.6	47.8	50.8	52.8	53.0	54.2	54.7	54.4	
Difference	-0.2	-0.2	0.4	0.2	0.0	0.1	0.1	-0.3	-0.1	0.1	0.1	-0.1	
Percent Difference	-0.4%	-0.3%	0.8%	0.3%	0.1%	0.1%	0.3%	-0.5%	-0.2%	0.2%	0.2%	-0.29	
Above Normal (15%)													
No Action Alternative	53.8	51.3	47.7	45.3	46.0	48.9	51.9	53.7	52.5	53.1	54.8	55.4	
Alternative A	53.3	51.2	48.1	45.5	46.0	48.9	52.2	53.4	52.7	53.3	54.8	55.4	
Difference	-0.4	-0.2	0.4	0.2	0.0	0.0	0.3	-0.3	0.2	0.2	0.0	-0.1	
Percent Difference	-0.8%	-0.3%	0.8%	0.5%	0.0%	0.1%	0.5%	-0.6%	0.4%	0.3%	0.0%	-0.2%	
Below Normal (17%)													
No Action Alternative	53.5	51.0	47.5	45.0	45.7	48.6	51.9	53.4	53.0	53.5	54.3	56.0	
Allemative A	53.0	50.8	47.6	45.2	45.7	48.6	52.4	53.5	53.1	53.6	54.3	55.5	
Difference	-0.5	-0.2	0.1	0.2	0.0	0.0	0.5	0.1	0.1	0.0	0.0	-0.5	
Percent Difference	-1.0%	-0.4%	0.2%	0.4%	0.0%	0.0%	1.0%	0.1%	0.2%	0.1%	0.0%	-0.9%	
Dry (22%)													
No Action Alternative	55.3	51.8	47.2	45.1	46.2	49.3	51.8	53.0	53.5	53.8	55.3	57.4	
Alternative A	54.5	51.4	47.2	45.5	46.2	49.4	52.6	53.3	53.5	53.8	54.9	56.8	
Difference	-0.8	-0.3	0.0	0.3	0.0	0.1	0.7	0.2	0.1	0.0	-0.4	-0.6	
Percent Difference	-1.4%	-0.7%	0.0%	0.8%	0.0%	0.2%	1.4%	0.4%	0.1%	-0.1%	-0.8%	-1.19	
Critical (15%)													
No Action Alternative	58.8	51.6	46.4	45.1	46.8	49.6	51.7	54.1	55.2	57.3	59.1	61.7	
Alternative A	57.9	51.4	46.6	45.3	46.9	49.7	52.4	54.2	55.2	56.8	57.5	60.3	
Difference	-0.9	-0.3	0.2	0.2	0.1	0.1	0.7	0.1	-0.1	-0.6	-1.6	-1.4	
Percent Difference	-1.6%	-0.5%	0.5%	0.6%	0.2%	0.2%	1.4%	0.2%	-0.1%	-1.0%	-2.7%	-2.29	

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

3 Relative difference of the monthly average



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

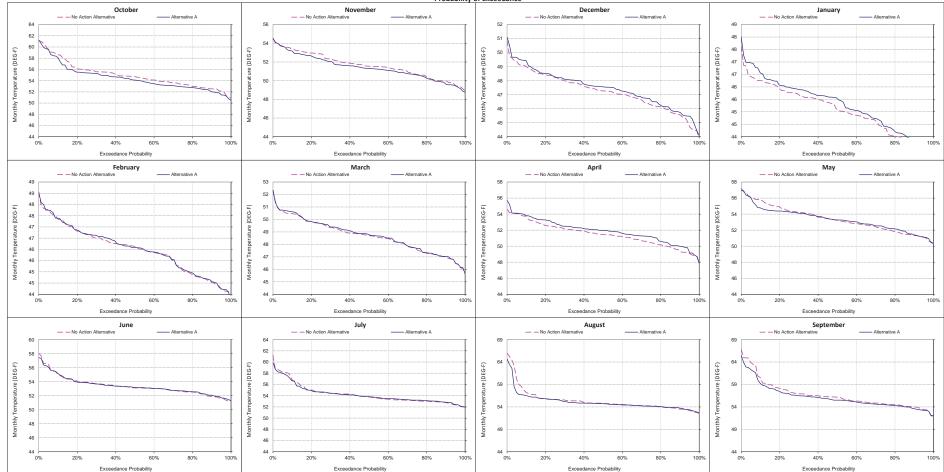


Table SQ-03-3b Sacramento River at Balls Ferry, Monthly Temperature Probability of Exceedance

Octobe Novembe January Percent Percent Percent Percent No Action Alternative Alternative A Absolute Relative Exceedance Relative Relative Relative Exceedance Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG-F) (DEG.E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% 0.0% 61.2 61.3 0.2% 0.0% 54.5 0.0 50.9 51.1 48.0 0.8% 1.2% 61.0 60.6 -0.4 -0.6% 1.2% 54.1 54.1 -0.1 -0.1% 1.2% 49.7 50.5 0.8 1.6% 1.2% 46.9 47.3 0.4 0.9% 2.5% 59.9 -1.2% 2.5% 54.0 54.0 -0.1% 2.5% 49.6 49.7 0.1% 2.5% 46.8 47.0 0.3% 0.1% 3.7% 3.7% 60.1 59.7 -0.4 -0.7% 3.7% 53.7 53.8 0.1 3.7% 49.4 49.7 0.2 0.5% 46.5 47.0 0.5 1.1% 4.9% 59.5 59.6 0.2 0.3% 4.9% 53.7 53.7 0.1% 4.9% 49.4 49.7 0.6% 4.9% 46.4 47.0 0.6 1.2% 6.2% 6.2% 6.2% 6.2% 59.1 58.7 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-0.5% 39.5% 47.7 47.8 0.1 0.2% 39.5% 45.5 45.7 0.1 0.3% 40.7% 55.0 54.6 -0.3 -0.6% 40.7% 51.9 51.6 -0.3 -0.5% 40.7% 47.6 47.7 0.2 0.3% 40.7% 45.5 45.7 0.2 0.4% 0.2 42.0% 54.9 54.6 -0.2-0.4% 42.0% 51.8 51.6 -0.2-0.5% 42.0% 47.5 47.7 0.2 0.4% 42.0% 45.5 45.6 0.4% -0.5% 0.5% 43.2% 54.8 54.6 -0.3 -0.5% 43.2% 51.8 51.5 -0.3 43.2% 47.5 47.6 0.2 0.4% 43.2% 45.4 45.6 0.2 44.4% -0.4 -0.8% 44.4% 51.7 51.5 -0.3 -0.5% 44.4% 47.4 47.6 0.4% 44.4% 45.4 45.6 0.2 0.5% 45.7% 45.7% 45.7% 54.8 54.4 -0.4 -0.8% 51.7 51.4 -0.3 -0.6% 47.4 47.6 0.2 0.4% 45.7% 45.4 45.6 0.2 0.5% 0.3 46.9% 54.8 54.3 -0.8% 46.9% 51.6 51.4 -0.3-0.5% 46.9% 47.3 47.6 0.6% 46.9% 45.3 45.6 0.6% 48.1% 49.4% 54.8 54.2 -0.6 -1.1% 48.1% 51.6 51.3 -0.2 -0.4% 48.1% 47.3 47.6 0.3 0.6% 48.1% 45.3 45.6 0.3 0.6% -0.6-1.2% 49.4% 51.3 -0.2-0.5% 49.4% 47.3 47.6 0.6% 49.4% 45.1 45.6 0.4 1.0% 50.6% 50.6% 50.6% 54.7 54.1 -0.6 -1.0% 51.5 51.3 -0.3 -0.5% 47.3 47.5 0.3 0.6% 50.6% 45.1 45.5 0.4 0.9% 51.9% -0.6 -1.1% 51.9% 51.3 51.3 -0.3 -0.2 -0.5% 47.2 0.3 0.6% 51.9% 53.1% 45.4 0.4 0.9% 53.1% 53.1% 53.1% 54.5 54.0 -0.6 -1.0% 51.5 -0.5% 47.2 47.5 45.0 45.4 0.8% 55.6% 56.8% 55.6% 55.6% 55.6% 54.3 53.7 -0.6 -1.1% 51.5 51.2 -0.3 -0.5% 47.1 47.5 0.4 0.8% 45.0 45.2 0.2 0.4% 58.0% 58.0% 58.0% 54.1 53.5 -0.6 -1.1% 51.5 51.1 -0.3 -0.6% 47.0 47.4 0.3 0.7% 58.0% 44.9 45.1 0.2 0.4% 60.5% 60.5% 60.5% 54.1 53.4 -0.7 -1.3% 51.4 51.1 -0.3 -0.6% 47.0 47.2 0.2 0.5% 60.5% 44.8 45.0 0.2 0.4% 61.7% 45.0 63.0% 63.0% 53.9 63.0% 63.0% 0.1 53.2 -0.6 -1.2% 51.2 51.0 -0.2 -0.4% 46.9 47.2 0.2 0.5% 44.8 45.0 0.3% 64.2% 65.4% 53.2 53.2 -1.2% -1.1% 64.2% 65.4% 51.0 50.9 -0.5% -0.7% 64.2% 65.4% 64.2% 65.4% 0.2 53.8 -0.6 51.2 -0.3 46.8 47.1 0.3 44.7 44.9 0.4% 0.6% 66.7% 67.9% 53.8 53.7 -1.2% -1.1% 66.7% 67.9% 66.7% 67.9% 0.4% 66.7% 67.9% 53.1 53.1 50.9 50.8 -0.3 -0.3 -0.6% 46.8 46.9 0.2 44 9 0.1 0.3% 0.2 51.1 44.7 44.8 -0.6 -0.5% 46.7 46.9 0.2% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% -0.9% 50.8 44.7 53.1 0.1 53.6 -0.5 -1.0% 50.9 50.7 -0.2 -0.3% 46.6 46.8 0.2 0.4% 44.6 44.7 0.3% 71.6% 53.6 -0.5 -1.0% -1.0% 71.6% 50.7 -0.3% 71.6% 46.4 46.8 0.3 71.6% 44 5 447 0.2 72.8% 53.5 53.0 -0.5 72.8% 50.8 50.7 -0.1 -0.2% 72.8% 46.4 46.7 0.3 0.7% 72.8% 44.4 44.6 0.2 0.4% 74.1% 75.3% -0.8% -0.1% 74.1% 75.3% 74.1% 0.0 74.1% 0.9% 44.3 44.4 0.1 0.2% 75.3% -0.1% 75.3% 0.3 76.5% 53.3 -0.5 -0.9% 76.5% 50.6 50.5 -0.2% 76.5% 46.2 46.5 0.3 0.6% 76.5% 44.1 44.4 0.3 0.7% 77.8% -0.8% 77.8% -0.2% 77.8% 0.3 0.7% 77.8% 0.3 0.7% 53.2 44.4 79.0% 53.0 -0.2 -0.4% 79.0% 50.6 50.4 -0.2 -0.4% 79.0% 46.1 46.3 0.2 0.4% 79.0% 44.0 44.3 0.3 0.6% 80.2% 53.0 -0.4% 80.2% 50.2 80.2% 46.1 80.2% 44.2 52.7 -0.2% 0.1 44.0 0.4% 81.5% 53.0 52.7 -0.3-0.5% 81.5% 50.2 50.2 -0.2% 81.5% 46.1 46.1 0.2% 81.5% 44.0 44.2 0.1 0.3% 82.7% 82.7% 52.9 52.6 -0.5% 82.7% 50.1 0.0 0.0% 0.4% 82.7% 44.1 0.4% 84.0% 52.8 -0.3 -0.5% 84.0% 50.1 50.0 -0.1 -0.2% 84.0% 45.9 46.1 0.2 0.4% 84.0% 43.9 44.1 0.2 0.4% 85.2% 52.7 52.5 -0.2 -0.5% 85.2% 50.1 49.9 -0.1 -0.2% 85.2% 45.7 45.9 0.2 0.4% 85.2% 43.8 44.1 0.3 0.6% 86.4% 52.7 52.4 -0.5% 86.4% 50.0 49.9 -0.1% 86.4% 45.7 45.8 0.3% 86.4% 43.7 44.0 0.3 0.6% 87.7% 52.7 52.4 -0.2 -0.4% 87.7% 50.0 499 -0.1 -0.3% 87.7% 45.6 45.8 0.1 0.3% 87.7% 43.7 44.0 0.3 0.6% 88.9% 52.5 52.2 -0.3 -0.6% 88.9% 50.0 49.8 -0.2 -0.3% 88.9% 45.6 45.8 0.2 0.4% 88.9% 43.7 43.9 0.2 0.4% 90.1% 52.5 52.0 -0.5 -1.0% 90.1% 50.0 49.6 -0.4 -0.7% 90.1% 45.6 45.7 0.2 0.4% 90.1% 43.7 43.8 0.1 0.3% 91.4% 51.9 51.8 91.4% 49.8 49.6 91.4% 45.4 91.4% 43.7 43.7 0.1 92.6% 92.6% 92.6% 52.5 -0.7 -1.3% 49.8 496 -0.2 -0.5% 45.4 45.5 0.1 0.3% 92.6% 43.6 43.7 0.1% 93.8% 52.2 -0.7% 49.5 -0.2 -0.4% 93.8% 0.3 51.8 -0.393.8% 49.7 93.8% 45.1 45.5 0.8% 43.3 43.6 0.7% 95.1% 95.1% 95.1% 95.1% 52.1 51.4 -0.7 -1.3% 49.4 49.4 0.0 0.0% 44.7 45.5 0.8 1.8% 43.3 43.6 0.2 0.5% 96.3% -0.6 -1.1% 96.3% 49.4 49.3 -0.2% 96.3% 97.5% 44.5 96.3% 97.5% 42.9 43.5 0.5 1.3% 97.5% -0.1% 97.5% 0.4 0.2% 51.3 51.2 -0.1 493 491 -0 2 -0.4% 44 5 449 0.8% 42 9 43.0 -0.6% -0.5% 44.4 98.8% 100.0% 100.0% 100.0% 100.0% 50.8 50.5 -0.7% 48.9 48.7 -0.4% 43.7 44.1 0.4 0.9% 42.5 42.5 0.0 0.1%

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

		February					March					April					May		
Percent	No Action Alternative	Alternative A	Absolute		Percent	No Action Alternative	Alternative A	Absolute		Percent	No Action Alternative	Alternative A	Absolute		Percent	No Action Alternative	Alternative A	Absolute	
Exceedance			Difference	Relative	Exceedance			Difference	Relative	Exceedance			Difference	Relative	Exceedance			Difference	Relative
Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	48.6	48.5	0.0	-0.1%	0.0%	52.3	52.3	0.0	0.0%	0.0%	54.6	55.7	1.1	2.0%	0.0%	57.2	56.9	-0.3	-0.5%
1.2%	47.9	48.1	0.1	0.3%	1.2%	51.4	51.4	-0.1	-0.1%	1.2%	54.2	55.2	1.0	1.9%	1.2%	56.8	56.9	0.2	0.3%
2.5%	47.8	48.0	0.2	0.3%	2.5%	50.9	50.9	0.0	0.0%	2.5%	54.2	54.1	0.0	0.0%	2.5%	56.7	56.4	-0.3	-0.5%
3.7%	47.8	47.8	0.0	-0.1%	3.7%	50.7	50.8	0.0	0.1%	3.7%	54.1	54.1	0.0	0.0%	3.7%	56.3	56.2	-0.1	-0.1%
4.9%	47.8	47.8	0.0	0.0%	4.9%	50.7	50.8	0.1	0.1%	4.9%	54.1	54.1	-0.1	-0.1%	4.9%	56.1	56.1	0.0	0.0%
6.2%	47.6	47.7	0.1	0.2%	6.2%	50.6	50.7	0.2	0.3%	6.2%	54.1	54.1	0.0	-0.1%	6.2%	56.0	55.5	-0.5	-0.9%
	47.5																		
7.4%		47.6	0.1	0.2%	7.4%	50.5	50.7	0.2	0.4%	7.4%	53.8	54.0	0.2	0.4%	7.4%	55.8	55.2	-0.7	-1.2%
8.6%	47.5	47.4	-0.1	-0.2%	8.6%	50.5	50.6	0.2	0.3%	8.6%	53.8	54.0	0.2	0.4%	8.6%	55.8	54.8	-1.0	-1.8%
9.9%	47.4	47.4	0.0	0.1%	9.9%	50.5	50.6	0.1	0.3%	9.9%	53.7	53.8	0.1	0.1%	9.9%	55.8	54.8	-1.0	-1.8%
11.1%	47.3	47.4	0.0	0.1%	11.1%	50.4	50.6	0.2	0.3%	11.1%	53.3	53.8	0.5	0.9%	11.1%	55.7	54.6	-1.0	-1.8%
12.3%	47.3	47.2	-0.1	-0.2%	12.3%	50.4	50.5	0.1	0.2%	12.3%	53.2	53.7	0.5	0.9%	12.3%	55.4	54.6	-0.8	-1.5%
13.6%	47.2	47.2	0.0	0.1%	13.6%	50.4	50.3	-0.1	-0.1%	13.6%	53.2	53.5	0.4	0.7%	13.6%	55.3	54.5	-0.8	-1.4%
14.8%	47.1	47.1	0.0	0.1%	14.8%	50.2	50.2	-0.1	-0.1%	14.8%	53.1	53.5	0.4	0.8%	14.8%	55.2	54.5	-0.7	-1.3%
16.0%	47.0	47.1	0.1	0.1%	16.0%	50.0	50.0	0.0	0.0%	16.0%	52.9	53.3	0.4	0.7%	16.0%	55.1	54.4	-0.6	-1.1%
17.3%	47.0	47.1	0.1	0.1%	17.3%	49.9	49.9	0.1	0.1%	17.3%	52.8	53.3	0.5	0.9%	17.3%	55.0	54.4	-0.6	-1.1%
18.5%	46.9	46.9	0.0	0.0%	18.5%	49.9	49.9	0.0	0.0%	18.5%	52.8	53.3	0.5	1.0%	18.5%	54.9	54.4	-0.5	-1.0%
19.8%	46.8	46.9	0.0	0.1%	19.8%	49.8	49.9	0.0	0.0%	19.8%	52.6	53.3	0.7	1.3%	19.8%	54.9	54.4	-0.5	-1.0%
21.0%	46.8	46.8	0.0	0.1%	21.0%	49.8	49.8	0.0	0.0%	21.0%	52.5	53.2	0.7	1.3%	21.0%	54.7	54.4	-0.3	
																			-0.6%
22.2%	46.7	46.7	0.0	0.0%	22.2%	49.7	49.8	0.0	0.1%	22.2%	52.5	53.2	0.7	1.3%	22.2%	54.7	54.3	-0.3	-0.6%
23.5%	46.7	46.7	0.0	0.0%	23.5%	49.7	49.7	0.0	0.0%	23.5%	52.5	53.0	0.5	0.9%	23.5%	54.5	54.3	-0.2	-0.4%
24.7%	46.7	46.7	0.0	-0.1%	24.7%	49.7	49.7	0.0	-0.1%	24.7%	52.4	52.9	0.5	0.9%	24.7%	54.4	54.3	-0.1	-0.2%
25.9%	46.6	46.7	0.0	0.0%	25.9%	49.6	49.7	0.0	0.1%	25.9%	52.3	52.7	0.4	0.8%	25.9%	54.4	54.2	-0.1	-0.3%
27.2%	46.6	46.7	0.0	0.1%	27.2%	49.5	49.6	0.1	0.1%	27.2%	52.3	52.7	0.3	0.6%	27.2%	54.3	54.2	-0.1	-0.2%
28.4%	46.5	46.6	0.1	0.2%	28.4%	49.4	49.6	0.2	0.4%	28.4%	52.3	52.5	0.2	0.4%	28.4%	54.3	54.2	-0.1	-0.2%
29.6%	46.5	46.6	0.1	0.3%	29.6%	49.4	49.4	0.0	0.1%	29.6%	52.2	52.5	0.3	0.6%	29.6%	54.2	54.1	-0.1	-0.2%
30.9%	46.5	46.6	0.1	0.2%	30.9%	49.4	49.4	0.0	0.1%	30.9%	52.1	52.5	0.4	0.7%	30.9%	54.2	54.1	-0.1	-0.2%
32.1%	46.5	46.6	0.1	0.1%	32.1%	49.3	49.4	0.0	0.2%	32.1%	52.1	52.5	0.4	0.7%	32.1%	54.2	54.1	-0.1	-0.2%
33.3%	46.4	46.6	0.1	0.3%	33.3%	49.3	49.3	0.1	0.2%	33.3%	52.1	52.4	0.4	0.7%	33.3%	54.1	54.0	-0.1	-0.1%
34.6%	46.4 46.4	46.5 46.5	0.1	0.3%	33.3%	49.3	49.3	0.1	0.2%	33.3%	52.1	52.4	0.4	0.7%	33.3%	54.1 54.1	54.0	-0.1	-0.1%
34.6%	46.4 46.4	46.5 46.5			35.8%		49.3 49.2		0.3%	34.6%		52.4 52.3			34.6%	54.1 54.0	53.9	-0.1	
			0.1	0.3%		49.1		0.1		35.8%	51.9		0.4	0.7%					-0.3%
37.0%	46.3	46.5	0.2	0.4%	37.0%	49.1	49.2	0.1	0.2%	37.0%	51.9	52.3	0.4	0.7%	37.0%	54.0	53.8	-0.2	-0.3%
38.3%	46.3	46.4	0.1	0.3%	38.3%	48.9	49.2	0.2	0.5%	38.3%	51.9	52.3	0.4	0.7%	38.3%	53.9	53.8	-0.1	-0.2%
39.5%	46.3	46.4	0.1	0.3%	39.5%	48.9	49.1	0.2	0.4%	39.5%	51.9	52.2	0.3	0.7%	39.5%	53.7	53.7	0.1	0.1%
40.7%	46.3	46.3	0.0	0.0%	40.7%	48.9	49.1	0.2	0.4%	40.7%	51.9	52.2	0.3	0.6%	40.7%	53.6	53.7	0.1	0.2%
42.0%	46.2	46.2	0.0	0.0%	42.0%	48.9	49.0	0.1	0.1%	42.0%	51.7	52.1	0.4	0.8%	42.0%	53.6	53.7	0.1	0.2%
43.2%	46.2	46.2	0.0	0.0%	43.2%	48.9	48.9	0.1	0.1%	43.2%	51.7	52.1	0.4	0.7%	43.2%	53.5	53.5	0.0	0.1%
44.4%	46.2	46.2	-0.1	-0.1%	44.4%	48.9	48.9	0.0	0.0%	44.4%	51.6	52.1	0.4	0.8%	44.4%	53.5	53.4	-0.1	-0.1%
45.7%	46.2	46.1	-0.1	-0.1%	45.7%	48.8	48.9	0.0	0.1%	45.7%	51.6	52.0	0.4	0.8%	45.7%	53.4	53.4	0.0	0.0%
46.9%	46.2	46.1	0.0	-0.1%	46.9%	48.8	48.9	0.1	0.2%	46.9%	51.5	52.0	0.5	1.0%	46.9%	53.3	53.4	0.0	0.0%
48.1%	46.2	46.1	-0.1	-0.2%	48.1%	48.8	48.9	0.1	0.2%	48.1%	51.5	52.0	0.5	1.0%	48.1%	53.3	53.3	0.0	0.0%
49.4%	46.1	46.1	-0.1	-0.2%	49.4%	40.0	48.8	0.1	0.1%	49.4%	51.4	52.0	0.5	1.0%	49.4%	53.3	53.3	0.0	0.1%
50.6%	46.1	46.1	0.0	0.0%	50.6%	48.7	48.7	0.0	0.1%	50.6%	51.4	51.9	0.5	1.0%	50.6%	53.2	53.3	0.0	0.1%
51.9%	46.0	46.1	0.0	0.1%	51.9%	48.7	48.7	0.0	0.1%	51.9%	51.4	51.9	0.5	1.0%	51.9%	53.1	53.3	0.1	0.3%
53.1%	46.0	46.1	0.1	0.1%	53.1%	48.6	48.7	0.1	0.1%	53.1%	51.4	51.9	0.5	0.9%	53.1%	53.1	53.3	0.2	0.3%
54.3%	46.0	46.0	0.0	0.0%	54.3%	48.6	48.7	0.1	0.2%	54.3%	51.4	51.9	0.5	0.9%	54.3%	53.0	53.2	0.1	0.3%
55.6%	45.9	45.9	0.0	0.0%	55.6%	48.5	48.7	0.1	0.3%	55.6%	51.3	51.8	0.5	1.0%	55.6%	52.9	53.1	0.2	0.4%
56.8%	45.9	45.9	0.0	0.0%	56.8%	48.5	48.6	0.1	0.2%	56.8%	51.3	51.8	0.5	1.0%	56.8%	52.9	53.1	0.2	0.4%
58.0%	45.9	45.9	0.0	0.0%	58.0%	48.5	48.6	0.1	0.2%	58.0%	51.2	51.8	0.5	1.0%	58.0%	52.9	53.1	0.2	0.5%
59.3%	45.9	45.9	0.0	0.1%	59.3%	48.5	48.5	0.1	0.1%	59.3%	51.2	51.6	0.4	0.8%	59.3%	52.8	53.0	0.2	0.4%
60.5%	45.9	45.9	0.0	0.1%	60.5%	48.5	48.5	0.1	0.1%	60.5%	51.2	51.6	0.4	0.8%	60.5%	52.8	53.0	0.2	0.4%
61.7%	45.8	45.9	0.0	0.1%	61.7%	48.3	48.5	0.2	0.4%	61.7%	51.1	51.5	0.4	0.7%	61.7%	52.7	52.9	0.1	0.3%
63.0%	45.8	45.8	0.0	0.0%	63.0%	48.2	48.3	0.1	0.2%	63.0%	51.1	51.5	0.4	0.8%	63.0%	52.7	52.8	0.1	0.2%
64.2%	45.8	45.8	0.0	-0.1%	64.2%	48.2	48.2	0.0	-0.1%	64.2%	51.1	51.4	0.4	0.8%	64.2%	52.6	52.8	0.1	0.3%
65.4%	45.8	45.7	0.0	-0.1%	65.4%	48.2	48.2	0.0	0.0%	65.4%	50.9	51.4	0.5	1.0%	65.4%	52.6	52.8	0.1	0.3%
66.7%	45.8	45.7	-0.1	-0.1%	66.7%	48.2	48.1	0.0	-0.1%	66.7%	50.9	51.3	0.5	1.0%	66.7%	52.6	52.8	0.1	0.3%
	45.8 45.7	45.7 45.7				48.2 48.1	48.1 48.1							1.0%		52.6 52.6	52.8 52.7	0.2	
67.9%	45.7 45.5		0.0	0.0%	67.9%	48.0	48.0	-0.1 0.0	-0.1%	67.9% 69.1%	50.8	51.3	0.5		67.9%	52.5	52.7		0.3%
69.1%		45.6	0.0	0.1%	69.1%	48.0 47.8	48.0 47.9		0.0%	69.1%	50.8	51.3	0.5	0.9%	69.1%		52.6 52.5	0.1	0.2%
70.4%	45.5	45.5	0.1	0.2%	70.4%			0.0	0.1%	70.4%	50.6	51.3	0.6	1.2%	70.4%	52.4		0.2	0.3%
71.6%	45.3	45.3	0.0	0.0%	71.6%	47.8	47.8	0.0	0.1%	71.6%	50.6	51.3	0.6	1.2%	71.6%	52.3	52.5	0.2	0.5%
72.8%	45.3	45.2	-0.1	-0.2%	72.8%	47.7	47.8	0.0	0.1%	72.8%	50.6	51.2	0.7	1.3%	72.8%	52.3	52.5	0.3	0.5%
74.1%	45.1	45.2	0.1	0.1%	74.1%	47.7	47.7	0.0	0.0%	74.1%	50.4	51.2	0.8	1.6%	74.1%	52.1	52.5	0.3	0.6%
75.3%	45.0	45.1	0.1	0.1%	75.3%	47.5	47.7	0.2	0.3%	75.3%	50.4	51.2	0.8	1.5%	75.3%	52.1	52.3	0.2	0.4%
76.5%	45.0	45.1	0.1	0.1%	76.5%	47.5	47.7	0.2	0.4%	76.5%	50.4	51.1	0.7	1.4%	76.5%	52.1	52.2	0.2	0.3%
77.8%	45.0	45.0	0.0	0.1%	77.8%	47.4	47.4	0.0	0.0%	77.8%	50.3	51.0	0.8	1.5%	77.8%	52.0	52.2	0.2	0.4%
79.0%	44.9	45.0	0.1	0.1%	79.0%	47.3	47.4	0.0	0.0%	79.0%	50.2	50.7	0.5	0.9%	79.0%	51.9	52.2	0.3	0.6%
80.2%	44.8	44.9	0.1	0.2%	80.2%	47.3	47.3	0.0	0.1%	80.2%	50.2	50.6	0.4	0.9%	80.2%	51.8	52.2	0.3	0.6%
81.5%	44.8	44.8	0.0	0.1%	81.5%	47.3	47.3	0.0	0.1%	81.5%	50.1	50.5	0.4	0.9%	81.5%	51.8	52.1	0.3	0.7%
82.7%	44.8	44.8	0.0	0.1%	82.7%	47.2	47.3	0.1	0.1%	82.7%	50.0	50.5	0.5	1.0%	82.7%	51.6	52.0	0.4	0.7%
84.0%	44.8	44.8	0.0	0.1%	84.0%	47.2	47.2	0.0	0.1%	84.0%	50.0	50.4	0.5	0.8%	84.0%	51.5	51.9	0.4	0.7%
85.2%	44.6	44.0	0.0	0.1%	85.2%	47.2	47.2	0.0	0.0%	85.2%	49.9	50.4	0.4	0.5%	85.2%	51.5	51.9	0.4	
																			0.8%
86.4%	44.7	44.7	0.0	0.0%	86.4%	47.1	47.1	-0.1	-0.2%	86.4%	49.8	50.1	0.3	0.6%	86.4%	51.4	51.6	0.2	0.3%
87.7%	44.6	44.7	0.0	0.1%	87.7%	47.0	47.1	0.0	0.0%	87.7%	49.6	50.1	0.4	0.9%	87.7%	51.4	51.5	0.1	0.2%
88.9%	44.6	44.6	0.1	0.1%	88.9%	47.0	47.0	0.0	0.1%	88.9%	49.6	50.1	0.5	1.0%	88.9%	51.4	51.5	0.1	0.2%
90.1%	44.5	44.6	0.1	0.1%	90.1%	47.0	47.0	0.0	0.1%	90.1%	49.3	50.0	0.7	1.4%	90.1%	51.4	51.3	-0.1	-0.2%
91.4%	44.5	44.5	0.0	0.1%	91.4%	46.9	47.0	0.2	0.3%	91.4%	49.3	50.0	0.7	1.4%	91.4%	51.3	51.3	0.0	-0.1%
92.6%	44.4	44.5	0.1	0.2%	92.6%	46.8	46.8	0.0	0.0%	92.6%	49.2	49.8	0.6	1.2%	92.6%	51.2	51.3	0.0	0.0%
93.8%	44.4	44.3	-0.1	-0.1%	93.8%	46.8	46.8	0.0	0.0%	93.8%	49.2	49.8	0.7	1.3%	93.8%	51.1	51.2	0.1	0.2%
95.1%	44.2	44.2	0.0	0.0%	95.1%	46.5	46.5	0.0	0.0%	95.1%	49.1	49.2	0.1	0.2%	95.1%	51.1	51.1	0.0	0.0%
96.3%	44.2	44.2	0.1	0.1%	96.3%	46.4	46.4	0.0	0.1%	96.3%	48.9	49.2	0.3	0.5%	96.3%	51.0	51.1	0.1	0.2%
97.5%	44.1	44.2	0.1	0.2%	97.5%	46.1	46.2	0.0	0.1%	97.5%	48.8	48.9	0.3	0.1%	97.5%	50.6	50.9	0.1	0.6%
98.8%	44.1	44.1	0.0	0.0%	98.8%	46.1	46.1	0.1	0.1%	98.8%	48.7	48.7	0.0	0.0%	98.8%	50.5	50.4	-0.1	-0.2%
100.0%	43.4	43.4	0.0	0.0%	100.0%	45.6	45.6	0.0	0.0%	100.0%	47.8	47.8	0.0	0.0%	100.0%	50.4	50.4	0.0	-0.1%
100.0%	TO.#	73.4	0.0	0.070	100.076	40.U	70.0	0.0	0.070	100.0%	41.0	77.0	0.0	0.070	100.0%	JU.4	50.5	0.0	-0.170

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

August

September

Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance		Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative
Probability		Monthly Temperature	(DEG-F)	Difference (%)	Probability		Monthly Temperature	(DEG-F)	Difference (%)	Probabilit			(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F) 58.1	(DEG-F) 57.4	-0.7	-1.1%	(%) 0.0%	(DEG-F) 61.2	(DEG-F) 59.9	-1.3	-2.1%	0.0%	(DEG-F) 66.0	(DEG-F) 64.7	-1.3	0.00/	(%) 0.0%	(DEG-F) 66.8	(DEG-F) 65.5	-1.4	-2.0%
0.0% 1.2%	57.7	57.4	-0.7	-0.6%	1.2%	58.7	59.9	0.0	0.0%	1.2%	65.2	63.5	-1.8	-2.0% -2.7%	1.2%	65.0	63.9	-1.4	-1.6%
2.5%	56.6	56.4	-0.2	-0.4%	2.5%	58.7	58.2	-0.4	-0.7%	2.5%	64.5	62.6	-1.8	-2.9%	2.5%	64.9	62.9	-2.0	-3.1%
3.7%	56.6	56.3	-0.3	-0.5%	3.7%	58.5	58.2	-0.3	-0.5%	3.7%	63.1	58.5	-4.6	-7.4%	3.7%	64.9	62.8	-2.1	-3.3%
4.9%	56.5	56.1	-0.4	-0.8%	4.9%	58.2	58.0	-0.2	-0.4%	4.9%	60.2	57.2	-2.9	-4.9%	4.9%	63.9	62.4	-1.5	-2.4%
6.2% 7.4%	55.7 55.5	55.6 55.5	-0.1 0.0	-0.2%	6.2% 7.4%	58.1 58.1	57.8 57.6	-0.3 -0.5	-0.5% -0.9%	6.2% 7.4%	59.0 58.6	56.7 56.7	-2.2 -1.8	-3.7% -3.2%	6.2% 7.4%	63.5 63.4	62.0 61.6	-1.5 -1.7	-2.4% -2.7%
7.4% 8.6%	55.5 55.5	55.5 55.5	0.0	0.0%	7.4% 8.6%	58.1 57.8	57.b 57.2	-0.5	-0.9%	7.4% 8.6%	58.6 57.7	56.6	-1.8 -1.1	-3.2% -1.9%	8.6%	60.9	60.0	-1.7	-2.7% -1.5%
9.9%	55.0	55.2	0.2	0.3%	9.9%	56.9	56.6	-0.2	-0.4%	9.9%	57.2	56.5	-0.7	-1.3%	9.9%	60.6	59.2	-1.3	-2.2%
11.1%	54.9	54.9	0.1	0.1%	11.1%	56.5	56.6	0.1	0.2%	11.1%	57.0	56.4	-0.6	-1.0%	11.1%	59.3	58.8	-0.5	-0.8%
12.3%	54.7	54.8	0.1	0.2%	12.3%	56.4	55.7	-0.7	-1.2%	12.3%	56.8	56.2	-0.6	-1.0%	12.3%	59.3	58.7	-0.6	-1.0%
13.6% 14.8%	54.4 54.4	54.5 54.4	0.1	0.2%	13.6%	56.1 55.7	55.7 55.4	-0.4	-0.8% -0.6%	13.6% 14.8%	56.8 56.7	56.2 56.2	-0.6	-1.0%	13.6%	58.9 58.9	58.4 58.1	-0.5	-0.9%
16.0%	54.4	54.4	0.1	0.1%	14.8% 16.0%	55.7	55.2	-0.3 -0.4	-0.8%	16.0%	56.0	56.0	-0.6 0.0	-1.0% 0.0%	14.8% 16.0%	58.9	58.1	-0.9 -0.8	-1.5% -1.4%
17.3%	54.3	54.4	0.0	0.1%	17.3%	55.0	55.2	0.2	0.3%	17.3%	55.9	55.9	0.0	0.0%	17.3%	58.3	58.0	-0.4	-0.7%
18.5%	54.1	54.0	-0.1	-0.2%	18.5%	55.0	55.0	0.0	-0.1%	18.5%	55.8	55.9	0.0	0.1%	18.5%	58.3	57.6	-0.7	-1.2%
19.8%	54.1	54.0	-0.1	-0.2%	19.8%	55.0	55.0	0.0	-0.1%	19.8%	55.8	55.8	0.0	0.1%	19.8%	58.2	57.5	-0.6	-1.1%
21.0%	54.0 53.9	53.9 53.9	0.0 -0.1	-0.1% -0.1%	21.0% 22.2%	55.0 54.7	54.7 54.7	-0.2 0.0	-0.4% -0.1%	21.0% 22.2%	55.7 55.7	55.7 55.7	0.0	0.0%	21.0% 22.2%	58.1 57.8	57.2 57.1	-1.0 -0.7	-1.7% -1.3%
23.5%	53.9	53.9	-0.1	-0.1% -0.1%	23.5%	54.7 54.7	54.7 54.7	0.0	-0.1%	23.5%	55.7 55.7	55.7	0.0	0.1%	23.5%	57.8 57.8	57.1 57.0	-0.7	-1.3% -1.4%
24.7%	53.9	53.9	-0.1	-0.1%	24.7%	54.6	54.7	0.0	0.1%	24.7%	55.7	55.6	0.0	-0.1%	24.7%	57.4	57.0	-0.4	-0.8%
25.9%	53.9	53.8	-0.1	-0.1%	25.9%	54.5	54.7	0.1	0.2%	25.9%	55.6	55.6	0.0	-0.1%	25.9%	57.2	56.6	-0.6	-1.0%
27.2%	53.8	53.7	-0.1	-0.2%	27.2%	54.5	54.6	0.1	0.1%	27.2%	55.6	55.6	0.0	-0.1%	27.2%	57.1	56.6	-0.5	-0.9%
28.4%	53.8	53.7	-0.1	-0.1%	28.4%	54.5	54.5	0.0	-0.1%	28.4%	55.6	55.3	-0.2	-0.4%	28.4%	57.0	56.6	-0.4	-0.8%
29.6% 30.9%	53.7 53.7	53.7 53.7	0.0	-0.1% 0.0%	29.6% 30.9%	54.5 54.4	54.5 54.4	0.0	0.0%	29.6% 30.9%	55.6 55.4	55.2 55.1	-0.4 -0.3	-0.7% -0.5%	29.6% 30.9%	56.9 56.9	56.5 56.5	-0.4 -0.4	-0.7% -0.8%
32.1%	53.7	53.6	-0.1	-0.2%	32.1%	54.3	54.4	0.1	0.1%	32.1%	55.4	55.0	-0.4	-0.7%	32.1%	56.9	56.4	-0.5	-0.8%
33.3%	53.6	53.6	0.0	-0.1%	33.3%	54.3	54.4	0.1	0.1%	33.3%	55.4	55.0	-0.4	-0.7%	33.3%	56.8	56.4	-0.4	-0.8%
34.6%	53.6	53.5	-0.1	-0.2%	34.6%	54.3	54.3	-0.1	-0.1%	34.6%	55.4	55.0	-0.4	-0.7%	34.6%	56.6	56.3	-0.3	-0.5%
35.8% 37.0%	53.5 53.5	53.5 53.4	-0.1 -0.1	-0.1% -0.1%	35.8% 37.0%	54.3 54.3	54.2 54.2	-0.1 -0.1	-0.1% -0.2%	35.8% 37.0%	55.3 55.3	54.9 54.9	-0.4 -0.5	-0.8%	35.8% 37.0%	56.6 56.5	56.3 56.2	-0.3 -0.3	-0.5%
37.0%	53.5	53.4	-0.1	-0.1%	37.0%	54.3 54.3	54.2 54.2	-0.1	-0.2%	38.3%	55.3 55.3	54.9 54.9	-0.5	-0.9%	37.0%	56.5 56.5	56.2 56.2	-0.3	-0.5% -0.6%
39.5%	53.5	53.4	-0.1	-0.2%	39.5%	54.3	54.2	-0.1	-0.2%	39.5%	55.1	54.8	-0.2	-0.4%	39.5%	56.5	56.1	-0.4	-0.7%
40.7%	53.4	53.3	0.0	0.0%	40.7%	54.2	54.1	-0.1	-0.1%	40.7%	54.9	54.8	-0.1	-0.2%	40.7%	56.4	56.1	-0.4	-0.7%
42.0%	53.4	53.3	0.0	0.0%	42.0%	54.1	54.1	0.0	0.0%	42.0%	54.9	54.8	-0.1	-0.1%	42.0%	56.3	55.9	-0.4	-0.7%
43.2%	53.3	53.3	0.0	0.0%	43.2%	54.1	54.0	0.0	0.0%	43.2%	54.9	54.8	0.0	-0.1%	43.2%	56.3	55.9	-0.4	-0.7%
44.4% 45.7%	53.3 53.3	53.3 53.3	0.0	0.0%	44.4% 45.7%	54.0 53.9	54.0 53.9	-0.1 -0.1	-0.1% -0.1%	44.4% 45.7%	54.9 54.8	54.8 54.8	0.0	-0.1% -0.1%	44.4% 45.7%	56.3 56.2	55.9 55.8	-0.4 -0.5	-0.7% -0.8%
46.9%	53.2	53.3	0.0	0.1%	46.9%	53.9	53.9	0.0	-0.1%	46.9%	54.8	54.7	-0.1	-0.2%	46.9%	56.2	55.6	-0.6	-1.1%
48.1%	53.1	53.3	0.1	0.2%	48.1%	53.8	53.9	0.0	0.1%	48.1%	54.8	54.7	-0.1	-0.2%	48.1%	56.2	55.5	-0.7	-1.2%
49.4%	53.1	53.2	0.1	0.1%	49.4%	53.8	53.8	0.1	0.1%	49.4%	54.8	54.7	-0.1	-0.2%	49.4%	56.2	55.5	-0.7	-1.2%
50.6%	53.1	53.2	0.1	0.1%	50.6%	53.7	53.8	0.1	0.1%	50.6%	54.7	54.7	-0.1	-0.1%	50.6%	56.1	55.5	-0.6	-1.0%
51.9% 53.1%	53.1 53.1	53.2 53.2	0.1	0.1%	51.9% 53.1%	53.7 53.6	53.8 53.7	0.1	0.2%	51.9% 53.1%	54.7 54.7	54.7 54.6	-0.1 -0.2	-0.1% -0.3%	51.9% 53.1%	56.1 55.7	55.5 55.5	-0.6 -0.3	-1.0% -0.5%
54.3%	53.1	53.2	0.0	0.1%	54.3%	53.6	53.7	0.1	0.2%	54.3%	54.6	54.6	-0.2	-0.1%	54.3%	55.7	55.4	-0.3	-0.6%
55.6%	53.1	53.1	0.0	0.1%	55.6%	53.5	53.6	0.2	0.3%	55.6%	54.6	54.5	-0.1	-0.2%	55.6%	55.6	55.4	-0.2	-0.4%
56.8%	53.1	53.1	0.0	0.1%	56.8%	53.4	53.5	0.1	0.2%	56.8%	54.6	54.5	-0.1	-0.2%	56.8%	55.4	55.3	-0.2	-0.3%
58.0%	53.0	53.1	0.0	0.1%	58.0%	53.4	53.5	0.1	0.2%	58.0%	54.6	54.5	-0.1	-0.2%	58.0%	55.3	55.2	-0.1	-0.3%
59.3% 60.5%	53.0 53.0	53.0 53.0	0.0	0.0%	59.3% 60.5%	53.4 53.3	53.5 53.5	0.1	0.2%	59.3% 60.5%	54.6 54.5	54.4 54.4	-0.1 -0.1	-0.2% -0.2%	59.3% 60.5%	55.3 55.3	55.2 55.0	-0.1 -0.3	-0.3% -0.5%
61.7%	53.0	53.0	0.0	0.0%	61.7%	53.3	53.5	0.1	0.4%	61.7%	54.5	54.4	-0.1	-0.2%	61.7%	55.3	54.9	-0.3	-0.6%
63.0%	53.0	53.0	0.0	0.0%	63.0%	53.3	53.4	0.2	0.3%	63.0%	54.5	54.4	0.0	-0.1%	63.0%	55.2	54.9	-0.4	-0.7%
64.2%	53.0	53.0	0.0	0.0%	64.2%	53.2	53.4	0.2	0.3%	64.2%	54.4	54.4	0.0	0.0%	64.2%	55.1	54.8	-0.3	-0.5%
65.4%	52.9	52.9	0.0	0.0%	65.4%	53.2	53.4	0.1	0.3%	65.4%	54.3	54.4	0.0	0.1%	65.4%	55.0	54.8 54.7	-0.2	-0.4%
66.7% 67.9%	52.9 52.8	52.9 52.8	0.1	0.1%	66.7% 67.9%	53.2 53.2	53.4 53.3	0.1 0.1	0.2% 0.2%	66.7% 67.9%	54.3 54.3	54.3 54.3	0.0	0.0% -0.1%	66.7% 67.9%	55.0 54.9	54.7	-0.3 -0.2	-0.5% -0.4%
69.1%	52.7	52.7	0.0	0.0%	69.1%	53.2	53.3	0.1	0.2%	69.1%	54.3	54.2	0.0	-0.1%	69.1%	54.9	54.6	-0.2	-0.4%
70.4%	52.7	52.7	0.0	0.0%	70.4%	53.2	53.3	0.1	0.2%	70.4%	54.3	54.2	0.0	-0.1%	70.4%	54.8	54.6	-0.2	-0.4%
71.6%	52.7	52.7	0.0	0.0%	71.6%	53.2	53.2	0.1	0.2%	71.6%	54.3	54.2	-0.1	-0.1%	71.6%	54.8	54.5	-0.3	-0.5%
72.8% 74.1%	52.6 52.6	52.7 52.7	0.1	0.1%	72.8% 74.1%	53.1 53.1	53.2 53.2	0.1	0.2%	72.8% 74.1%	54.2 54.2	54.2 54.2	-0.1 0.0	-0.1% -0.1%	72.8% 74.1%	54.7 54.7	54.5 54.5	-0.2 -0.2	-0.4% -0.3%
75.3%	52.6	52.7	0.1	0.2%	75.3%	53.1	53.2	0.1	0.2%	75.3%	54.2	54.2	-0.1	-0.1%	75.3%	54.6	54.5	-0.2	-0.2%
76.5%	52.5	52.6	0.1	0.2%	76.5%	53.0	53.2	0.2	0.3%	76.5%	54.2	54.1	-0.1	-0.1%	76.5%	54.5	54.4	-0.1	-0.3%
77.8%	52.5	52.6	0.1	0.1%	77.8%	53.0	53.2	0.1	0.3%	77.8%	54.2	54.1	-0.1	-0.2%	77.8%	54.5	54.4	-0.2	-0.3%
79.0%	52.5	52.6	0.1	0.1%	79.0%	53.0	53.2	0.2	0.3%	79.0%	54.0	54.1	0.1	0.2%	79.0%	54.5	54.4	-0.2	-0.3%
80.2% 81.5%	52.5 52.5	52.6 52.5	0.0 0.1	0.1% 0.1%	80.2% 81.5%	53.0 53.0	53.1 53.0	0.1 0.1	0.2%	80.2% 81.5%	53.9 53.9	54.1 54.0	0.1 0.1	0.3%	80.2% 81.5%	54.5 54.4	54.3 54.2	-0.2 -0.2	-0.4% -0.4%
82.7%	52.4	52.5	0.1	0.3%	82.7%	52.9	53.0	0.1	0.1%	82.7%	53.9	53.9	0.0	0.1%	82.7%	54.4	54.2	-0.2	-0.3%
84.0%	52.3	52.4	0.1	0.2%	84.0%	52.9	53.0	0.1	0.2%	84.0%	53.8	53.9	0.0	0.1%	84.0%	54.3	54.1	-0.1	-0.2%
85.2%	52.3	52.3	0.0	0.1%	85.2%	52.9	53.0	0.1	0.2%	85.2%	53.8	53.9	0.1	0.1%	85.2%	54.2	54.0	-0.2	-0.3%
86.4%	52.2	52.2	0.0	0.1%	86.4%	52.9	53.0	0.1	0.1%	86.4%	53.7	53.9	0.1	0.2%	86.4%	54.1	54.0	-0.1	-0.3%
87.7% 88.9%	51.9 51.9	52.1 52.1	0.2	0.3%	87.7% 88.9%	52.9 52.9	52.9 52.9	0.0	0.0%	87.7% 88.9%	53.7 53.6	53.9 53.8	0.1	0.2%	87.7% 88.9%	54.1 54.0	54.0 53.7	-0.1 -0.4	-0.2% -0.7%
90.1%	51.9 51.9	52.1 52.1	0.1	0.2%	90.1%	52.9 52.7	52.9 52.8	0.0	0.0%	90.1%	53.5	53.8	0.3	0.5%	90.1%	54.0 54.0	53.7	-0.4	-0.7%
91.4%	51.8	52.0	0.1	0.2%	91.4%	52.7	52.8	0.1	0.2%	91.4%	53.5	53.6	0.1	0.3%	91.4%	53.9	53.5	-0.5	-0.9%
92.6%	51.8	51.9	0.1	0.1%	92.6%	52.6	52.8	0.2	0.4%	92.6%	53.4	53.4	0.0	0.0%	92.6%	53.8	53.4	-0.4	-0.7%
93.8%	51.7	51.9	0.2	0.4%	93.8%	52.4	52.5	0.1	0.2%	93.8%	53.4	53.4	0.1	0.1%	93.8%	53.6	53.3	-0.3	-0.5%
95.1%	51.7	51.7	0.0	0.0%	95.1%	52.4	52.4	0.1	0.1%	95.1%	53.1	53.3	0.2	0.4%	95.1%	53.4	53.2	-0.2	-0.3%
96.3% 97.5%	51.5 51.3	51.6 51.5	0.1	0.2%	96.3% 97.5%	52.3 52.1	52.4 52.2	0.0	0.1% 0.1%	96.3% 97.5%	53.1 52.8	53.1 53.0	0.0	0.1%	96.3% 97.5%	53.4 53.0	53.2 53.0	-0.2 0.1	-0.3% 0.1%
98.8%	51.2	51.5	0.2	0.4%	98.8%	52.1	52.2	-0.1	-0.1%	98.8%	52.7	52.9	0.3	0.5%	98.8%	52.0	52.1	0.1	0.1%
100.0%	51.1	51.2	0.1	0.2%	100.0%	52.0	52.0	0.0	0.0%	100.0%	52.5	52.7	0.2	0.3%	100.0%	51.9	52.0	0.1	0.2%

Table SQ-04-3a Sacramento River at Jellys Ferry, Monthly Temperature Long-term Average and Average by Water Year Type

Monthly Temperature (DEG-F) Analysis Period Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Long-term													
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
				Loi	ng-term								
Full Simulation Period ¹													
No Action Alternative	55.1	51.3	46.6	44.8	46.2	49.3	52.6	54.9	54.8	55.5	56.5	57.4	
Alternative A	54.7	51.1	46.9	45.0	46.2	49.3	53.0	55.0	54.9	55.5	56.3	57.0	
Difference	-0.5	-0.2	0.2	0.2	0.0	0.0	0.5	0.0	0.0	0.0	-0.3	-0.4	
Percent Difference ³	-0.8%	-0.4%	0.5%	0.5%	0.0%	0.1%	0.9%	0.0%	0.0%	0.0%	-0.5%	-0.79	
				Water Y	ear Types	2							
Wet (32%)													
No Action Alternative	54.5	51.7	46.7	44.8	45.9	48.4	51.8	54.8	54.8	55.5	55.8	55.3	
Alternative A	54.4	51.5	47.1	44.9	45.9	48.4	51.9	54.6	54.7	55.6	56.0	55.2	
Difference	-0.2	-0.2	0.4	0.1	0.0	0.0	0.1	-0.2	-0.1	0.1	0.1	-0.1	
Percent Difference	-0.3%	-0.4%	0.8%	0.3%	0.0%	0.1%	0.3%	-0.4%	-0.3%	0.2%	0.2%	-0.29	
Above Normal (15%)	3.00												
No Action Alternative	54.1	51.0	47.1	45.0	46.3	49.5	53.0	55.5	54.0	54.4	56.0	56.3	
Alternative A	53.7	50.9	47.5	45.2	46.3	49.6	53.3	55.2	54.2	54.6	56.0	56.3	
Difference	-0.4	-0.1	0.4	0.2	0.0	0.0	0.3	-0.3	0.2	0.2	0.1	0.0	
Percent Difference	-0.7%	-0.3%	0.8%	0.4%	0.0%	0.1%	0.5%	-0.5%	0.4%	0.3%	0.1%	0.09	
Below Normal (17%)													
No Action Alternative	53.8	50.7	46.9	44.6	45.9	49.2	53.0	55.0	54.4	54.7	55.5	57.0	
Alternative A	53.3	50.5	47.0	44.8	45.9	49.2	53.6	55.1	54.5	54.8	55.5	56.6	
Difference	-0.5	-0.2	0.1	0.2	0.0	0.0	0.6	0.2	0.1	0.1	0.0	-0.5	
Percent Difference	-0.9%	-0.4%	0.2%	0.4%	0.0%	0.0%	1.1%	0.3%	0.2%	0.1%	0.0%	-0.89	
Dry (22%)													
No Action Alternative	55.4	51.4	46.6	44.7	46.4	50.0	53.0	54.5	54.8	55.0	56.4	58.4	
Alternative A	54.7	51.1	46.6	45.1	46.4	50.0	53.7	54.8	54.9	54.9	56.0	57.8	
Difference	-0.7	-0.3	0.0	0.3	0.0	0.1	0.7	0.3	0.1	0.0	-0.4	-0.5	
Percent Difference	-1.2%	-0.6%	0.0%	0.8%	0.0%	0.1%	1.4%	0.5%	0.2%	-0.1%	-0.6%	-0.99	
Critical (15%)													
No Action Alternative	58.7	51.2	45.8	44.7	46.9	50.2	52.6	55.3	56.4	58.3	60.0	62.1	
Alternative A	57.8	50.9	46.0	45.0	47.0	50.3	53.4	55.6	56.3	57.8	58.4	60.9	
Difference	-0.8	-0.3	0.2	0.2	0.1	0.1	0.8	0.2	-0.1	-0.5	-1.6	-1.2	
Percent Difference	-1.4%	-0.5%	0.4%	0.5%	0.2%	0.2%	1.5%	0.4%	-0.1%	-0.9%	-2.7%	-1.99	



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

³ Relative difference of the monthly average

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

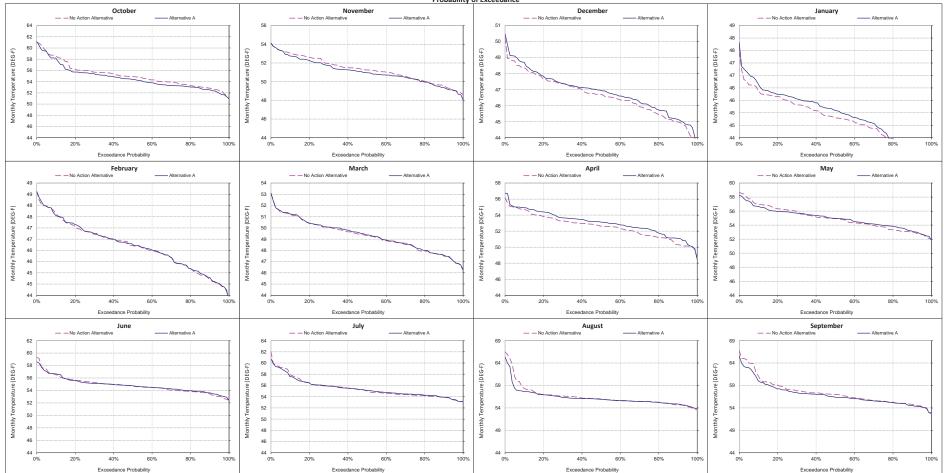


Table SO-04-3b Sacramento River at Jellys Ferry, Monthly Temperature Probability of Exceedanc

Decembe

Novembe

Octobe

January Percent Percent Percent Percent No Action Alternative Alternative A Absolute Relative Relative Relative Relative Exceedance Exceedance Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% 0.0% 61.0 61.1 0.2% 0.0% 54.1 0.0% 50.2 50.5 47.8 0.8% 1.2% 60.9 60.4 -0.4 -0.7% 1.2% 53.8 53.8 0.0 0.0% 1.2% 48.9 49.8 0.8 1.7% 1.2% 46.7 46.9 0.1 0.3% 2.5% 60.5 59.6 -1.3% 2.5% 53.6 53.6 0.1% 2.5% 48.9 49.1 0.4% 2.5% 46.3 46.8 0.9% 3.7% 3.7% 59.9 59.5 -0.4 -0.7% 3.7% 53.4 53.4 0.0 0.0% 3.7% 48.8 49.1 0.3 0.6% 46.3 46.7 0.4 0.8% 4.9% 59.5 59.4 0.0 0.0% 4.9% 53.3 53.3 0.0 0.0% 4.9% 48.8 49.1 0.3 0.6% 4.9% 46.1 46.6 0.4 0.9% 6.2% 6.2% 6.2% 6.2% 58.9 58.7 -0.2 -0.3% 53.3 53.3 0.0 0.0% 48.5 49.0 0.5 1.0% 46.1 46.5 0.3 0.7% 7.4% -0.8% 7.4% 52.9 -0.5% 7.4% 48.5 0.3 0.6% 7.4% 46.4 0.3 8.6% 8.6% 8.6% 8.6% 58.7 58.2 -0.5 -0.9% 53.2 52.9 -0.3 -0.5% 48.4 48.7 0.7% 46.1 46.3 0.5% 9.9% 11.1% 12.3% 9.9% -0.7% -0.6% 11.1% 12.3% 58.3 57.6 -0.7 -1.1% 11.1% 53.0 52.7 -0.3 -0.5% 11.1% 48.3 48.4 0.2 0.4% 45.8 46.0 0.2 0.5% 13.6% 13.6% 13.6% 13.6% 0.4% 58.0 57.0 -1.0 -1.7% 52 9 52.6 -0 2 -0.4% 48 1 48.2 0.1 0.3% 45.7 45.9 0.2 -2.4% 52.4 16.0% 16.0% 16.0% 16.0% 57.5 56.1 -1.4 -2.4% 52.8 52.4 -0.4 -0.8% 47.9 48.1 0.2 0.3% 45.7 45.8 0.1 0.3% 18.5% 18.5% -0.5% 18.5% 0.1% 18.5% 0.1 0.3% 56.3 55.7 -0.6 -1.0% 52.7 52.4 -0.3 47.9 47.9 0.1 45.7 45.8 19.8% 21.0% 56.3 56.1 -0.6 -0.4 -1.0% 52.3 52.2 -0.3 -0.4 19.8% 47.7 47.8 47.7 0.2 19.8% 21.0% 0.1 21.0% 47.7 55.7 -0.6% 52.6 -0.7% 0.1% 45.6 45.7 0.2% 22.2% 23.5% -0.7% -0.7% 22.2% 23.5% 52.1 -0.8% 22.2% 23.5% 22.2% 23.5% 45.7 0.2 52.0 55.6 -0.4 -0.5 47.5 47.7 56.0 52.5 -0.9% 0.2 0.3% 45.5 45.7 0.4% 24.7% 25.9% -0.7% -0.7% 24.7% 25.9% 24.7% 25.9% 24.7% 25.9% 45.7 45.6 56.0 52.0 -0.5 -0.5 -0.9% 47.5 47.7 45.5 0.2 0.4% 56.0 55.6 -0.4 52.5 52.0 -0.9% 47.5 47.6 0.1 0.1% 0.4% 45.5 27.2% 28.4% 27.2% 28.4% 56.0 55.5 -0.8% 27.2% 52.1 51.8 -0.5% 27.2% 47 A 45.4 45.6 0.2 55.8 55.5 -0.3 -0.6% 28.4% 52.0 51.8 -0.2 -0.4% 28.4% 47.4 47.4 0.0 0.1% 45.4 0.3 0.6% 45.6 29.6% 30.9% -0.5% -0.8% 29.6% 30.9% -0.4% -0.3% 29.6% 30.9% 29.6% 30.9% 17 A 0.0% 45.6 45.5 0.2 0.5% 45.3 47.4 47.4 32.1% 55.7 55.2 -0.4 -0.8% 32.1% 51.9 51.5 -0.4 -0.8% 32.1% 47.3 47.3 0.0 -0.1% 32.1% 45.3 45.5 0.2 0.5% 33.3% -0.8% 33.3% 51.4 -0.8% 33.3% 47.2 0.0 0.1% 33.3% 45.3 45.5 0.2 0.4% 34.6% 55.6 55.1 -0.5 -0.8% 34.6% 51.8 51.3 -0.4 -0.8% 34.6% 47.2 47.3 0.1% 34.6% 45.2 45.5 0.2 0.5% 35.8% -0.8% 35.8% 51.3 -0.3 35.8% 35.8% 55.6 -0.5% 0.1% 0.5% 37.0% 55.6 55.0 -0.6 -1.1% 37.0% 51.6 51.3 -0.3-0.5% 37.0% 47.1 47.2 0.1% 37.0% 45.2 45.5 0.3 0.6% 38.3% 55.5 -1.0% 38.3% 51.3 38.3% 47.1 47.2 38.3% 0.3 0.2% 45.5 0.8% 39.5% 55.4 54.9 -0.5 -0.9% 39.5% 51.5 51.3 -0.2 -0.5% 39.5% 47.1 47.1 0.2% 39.5% 45.1 45.4 0.3 0.7% 40.7% 55.2 54.8 -0.7% 40.7% 51.5 51.3 -0.2 -0.5% 40.7% 46.9 47.1 0.2 0.5% 40.7% 45.1 45.4 0.3 0.7% 42.0% 55.2 54.8 -0.4-0.7%42.0% 51.5 51.2 -0.2-0.5% 42.0% 46.8 47.1 0.3 0.7% 42.0% 45.1 45.3 0.2 0.5% -0.5% 43.2% 55.0 54.7 -0.3 -0.6% 43.2% 51.5 51.2 -0.3 43.2% 46.8 47.1 0.3 0.7% 43.2% 44.9 45.2 0.3 0.7% 44.4% -0.4 -0.8% 44.4% 51.4 51.1 -0.3 -0.5% 44.4% 46.8 47.1 0.3 0.6% 44.4% 44.9 45.2 0.3 0.7% 45.7% 45.7% 45.7% 55.0 54.5 -0.5 -0.8% 51.4 51.1 -0.3 -0.6% 46.8 47.0 0.3 0.6% 45.7% 44.9 45.2 0.3 0.7% 46.9% 55.0 54.5 -0.4-0.8% 46.9% 51.3 51.1 -0.5% 46.9% 46.7 47.0 0.3 0.7% 46.9% 44.9 45.2 0.3 0.7% 48.1% 49.4% 54.9 54.5 -0.5 -0.8% 48.1% 51.3 51.0 -0.3 -0.5% 48.1% 46.7 47.0 0.3 0.6% 48.1% 44 9 45.2 0.3 0.7% -0.9% 49.4% 51.0 -0.3-0.6% 49.4% 46.7 47.0 0.6% 49.4% 44.8 45.1 0.3 50.6% 50.6% 50.6% 54.9 54.4 -0.5 -0.9% 51.2 50.9 -0.3 -0.6% 46.7 46.9 0.2 0.5% 50.6% 44.8 45.1 0.3 0.6% 51.9% 54.3 -0.5-1.0% -1.1% 51.9% 50.9 -0.3 -0.4 -0.6% 46.6 46.9 0.7% 51.9% 53.1% 45.1 0.3 0.6% 53.1% 53.1% 53.1% 54.2 0.3 0.6% 54.8 -0.6 51.2 50.8 -0.8% 46.5 46.8 44.8 45.0 0.5% 55.6% 56.8% 55.6% 55.6% 55.6% 0.4% 54.6 54.0 -0.6 -1.1% 51.1 50.8 -0.3 -0.6% 46.5 46.8 0.2 0.5% 44.7 44.9 0.2 58.0% 58.0% 58.0% 54.5 53.9 -0.6 -1.1% 51.1 50.7 -0.3 -0.6% 46.4 46.7 0.2 0.5% 58.0% 44.7 44.9 0.2 0.4% 60.5% 60.5% 60.5% 54.3 53.8 -0.5 -1.0% 51.0 50.7 -0.3 -0.5% 46.3 46.6 0.3 0.6% 60.5% 44.6 44.8 0.2 0.5% -1.2% 61.7% 63.0% 63.0% 54.1 63.0% 63.0% 53.5 -0.5 -0.9% 50.9 50.6 -0.3 -0.6% 46.3 46.5 0.2 0.4% 44.5 44.7 0.2 0.5% 64.2% 65.4% 54.1 54.0 53.5 53.4 -1.0% -1.1% 64.2% 65.4% 50.6 50.6 -0.4% 64.2% 65.4% 64.2% 65.4% 44.5 44.5 0.2 -0.6 -0.1 -0.3% 0.2 44.7 0.4% 46.3 46.5 0.3% 50.7 66.7% 67.9% 54.0 53.9 -1.1% -1.1% 66.7% 67.9% 66.7% 67.9% 0.5% 66.7% 67.9% 53.4 53.4 -0.6 50.6 -0.3% 46.2 46.4 0.2 44.6 0.2 0.4% 50.7 0.2 -0.6 50.5 -0.1 44.6 -0.3% 46.1 46.4 44.4 0.5% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 50.5 44.4 44.6 0.2 53.3 -1.1% 53.9 -0.6 50.4 -0.1 -0.3% 45.9 46.2 0.3 0.6% 44.4 44.6 0.4% 50.6 71.6% 53.8 53.3 -0.5 -1.0% -1.0% 71.6% 50.4 -0.1% 71.6% 45.9 46.1 0.2 0.5% 71.6% 44.4 44.4 0.1 72.8% 53.8 53.3 -0.5 72.8% 50.4 50.3 -0.1 -0.2% 72.8% 45.8 46.1 0.3 0.7% 72.8% 44.2 44.4 0.3% -0.7% 74.1% 75.3% 74.1% 75.3% 74.1% 0.0% 74.1% 44.3 0.2 75.3% -0.1% 75.3% 45.8 0.2 0.5% 0.3% 76.5% 53.5 53.2 -0.3 -0.6% 76.5% 50.2 50.2 0.2% 76.5% 45.7 45.9 0.2 0.5% 76.5% 44.0 44.2 0.2 0.4% 77.8% -0.7% 77.8% 77.8% 0.3 0.7% 77.8% 0.0 -0.2% 45.6 44.0 0.0% 79.0% 53.4 53.1 -0.3 -0.6% 79.0% 50.1 50.0 -0.1 -0.2% 79.0% 45.5 45.8 0.2 0.5% 79.0% 43.9 44.0 0.1 0.1% 80.2% 53.3 -0.5% 80.2% 50.0 -0.1% 80.2% 80.2% 44.0 45.4 45.7 0.3 0.6% 43.9 0.1% 81.5% 53.2 53.0 -0.2-0.3% 81.5% 50.0 49.9 -0.1% 81.5% 45.4 45.7 0.7% 81.5% 43.7 43.9 0.2 0.5% 82.7% 53.2 -0.3% 82.7% 49.8 0.1% 82.7% 45.7 0.4 0.8% 82.7% 43.7 43.9 0.6% 84.0% 53.1 53.0 -0.1 -0.3% 84.0% 49.8 49.7 0.0 0.0% 84.0% 45.2 45.7 1.1% 84.0% 43.6 43.9 0.3 0.6% 85.2% 53.1 52.8 -0.3 -0.6% 85.2% 49.7 49.6 -0.2 -0.3% 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Table SQ-04-3b Sacramento River at Jellys Ferry, Monthly Temperature Probability of Exceedance

April

March

February

Percent Percent Percent Percent No Action Alternative Alternative A Absolute Relative Exceedance Relative Relative Relative Exceedance Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% 0.0% 48.6 48.6 0.0% 53.1 53.1 0.0% 56.2 56.7 0.6 1.0% 58.3 -0.8% 1.2% 48.2 48.4 0.1 0.2% 1.2% 52.4 52.4 0.0 -0.1% 1.2% 55.5 56.7 1.2 2.1% 1.2% 58.5 58.1 -0.4 -0.6% 2.5% 48.0 48.2 0.2% 2.5% 51.8 51.8 0.1% 2.5% 55.1 55.3 0.5% 2.5% 58.4 57.8 -1.1% 3.7% 3.7% 48.0 48.0 0.0 0.0% 3.7% 51.7 51.6 0.0 -0.1% 3.7% 55.0 55.2 0.1 0.2% 58.0 57.5 -0.5 -0.9% 4.9% 48.0 48.0 0.0 0.0% 4.9% 51.4 51.6 0.2 0.3% 4.9% 54.9 55.0 0.1% 4.9% 57.8 57.4 -0.3 -0.6% 6.2% 6.2% 6.2% 6.2% 47.9 47.9 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0.3 72.8% 45.4 45.4 0.0 72.8% 48.5 48.5 0.1 0.1% 72.8% 51.5 52.3 0.8 1.6% 72.8% 53.8 54.0 0.3 0.5% 0.0% 74.1% 75.3% 74.1% 75.3% 45.4 74.1% 48.4 74.1% 1.7% 53.8 0.2 45.4 75.3% 0.0% 75.3% 0.8 0.4% 48.2 76.5% 45.4 45.3 0.0 0.0% 76.5% 48.0 48.2 0.3% 76.5% 51.4 52.1 0.8 1.5% 76.5% 53.7 53.9 0.2 0.4% 77.8% 0.0% 77.8% 77.8% 1.5% 77.8% 0.5 45.3 0.4% 53.9 1.0% 79.0% 45.2 45.2 0.0 0.0% 79.0% 47.9 48.0 0.2% 79.0% 51.3 51.9 0.6 1.2% 79.0% 53.4 53.9 0.5 1.0% 80.2% 0.0% 80.2% 48.0 80.2% 80.2% 53.3 45.2 47.9 0.1% 51.2 51.7 1.1% 53.8 0.8% 81.5% 45.1 45.1 0.0 0.1% 81.5% 47.9 48.0 0.1% 81.5% 51.2 51.6 0.4 0.9% 81.5% 53.2 53.8 0.5 1.0% 82.7% 45.0 45.1 0.1 0.1% 82.7% 47.8 47.8 -0.1% 82.7% 51.2 0.4 0.9% 82.7% 53.2 53.6 0.4 0.7% 84.0% 45.0 45.1 0.1 0.2% 84.0% 47.8 47.8 0.0 0.0% 84.0% 51.1 51.2 0.2% 84.0% 53.1 53.6 0.5 0.9% 85.2% 44.9 45.0 0.1 0.2% 85.2% 47.7 47.7 0.0 0.0% 85.2% 51.0 51.2 0.2 0.4% 85.2% 53.1 53.6 0.5 0.9% 86.4% 44.9 44.9 0.1% 86.4% 47.7 47.7 -0.1% 86.4% 50.9 51.2 0.4% 86.4% 53.1 53.4 0.3 87.7% 44.9 44 9 0.0 0.0% 87.7% 47.6 47.7 0.0 0.0% 87.7% 50.6 51.2 0.5 1.0% 87.7% 53.1 53.3 0.2 0.4% 88.9% 44.8 0.0 0.1% 88.9% 47.6 47.6 0.0 0.0% 88.9% 50.3 51.1 0.8 1.6% 88.9% 53.0 53.2 0.2 0.3% 90.1% 44.7 44.8 0.1 0.2% 90.1% 47.5 47.6 0.1 0.2% 90.1% 50.3 51.1 0.8 1.5% 90.1% 53.0 53.1 0.1 0.2% 91.4% 44.6 91.4% 47.5 91.4% 50.2 91.4% 53.0 53.0 0.1 0.8 92.6% 92.6% 92.6% 44.6 44.6 0.0 0.1% 47.4 47.5 0.1 0.1% 50.1 50.8 1.3% 92.6% 52.8 53.0 0.4% 93.8% 44.5 0.0 47.2 47.2 50.8 93.8% 52.7 52.8 44.6 0.1% 93.8% 0.0 0.0% 93.8% 50.1 1.3% 0.1 0.2% 95.1% 95.1% 95.1% 95.1% 44.5 44.5 0.0 0.1% 47.0 47.0 0.0 0.0% 50.1 50.3 0.2 0.3% 52.7 52.6 -0.1 -0.2% 96.3% 44.4 0.1% 96.3% 46.8 46.9 0.1% 96.3% 97.5% 50.1 0.1% 96.3% 97.5% 52.5 0.1 0.2% 97.5% 97.5% 0.1 0.2% 44 4 444 0.0 0.0% 46.8 46.8 0.0 0.0% 50.0 50.1 0.2% 523 524 0.2% -0.2% 98.8% 52.4 100.0% 100.0% 100.0% 100.0% 43.7 43.7 0.0% 46.2 46.2 0.0% 48.5 48.5 0.0 0.0% 52.0 51.9 -0.1 -0.2%

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

August

September

Percent		June			Percent		July			Percent		August			Percent				
Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	59.3	58.6	-0.7	-1.2%	0.0%	62.0	60.7	-1.3	-2.0%	0.0%	66.5	65.3	-1.2	-1.8%	0.0%	66.8	65.6	-1.2	-1.8%
1.2%	59.1	58.4	-0.8	-1.3%	1.2%	59.9	59.9	0.0	0.0%	1.2%	65.9	64.0	-1.9	-2.8%	1.2%	65.1	64.0	-1.1	-1.7%
2.5%	57.8	57.7	0.0	-0.1%	2.5%	59.6	59.4	-0.3	-0.4%	2.5%	65.0	63.2	-1.8	-2.8%	2.5%	65.0	63.3	-1.7	-2.6%
3.7%	57.5	57.3	-0.2	-0.4%	3.7%	59.5	59.3	-0.2	-0.3%	3.7%	63.7	59.8	-3.9	-6.2%	3.7%	64.8	63.0	-1.8	-2.8%
4.9%	57.4	57.1	-0.4	-0.7%	4.9%	59.2	59.1	-0.1	-0.2%	4.9%	61.0	58.4	-2.6	-4.3%	4.9%	64.0	63.0	-1.0	-1.6%
6.2%	56.8	56.7	-0.1	-0.2%	6.2%	59.2	58.8	-0.4	-0.7%	6.2%	60.0	57.9	-2.1	-3.4%	6.2%	63.9	62.6	-1.4	-2.1%
7.4%	56.8	56.7	-0.1	-0.3%	7.4%	59.0	58.5	-0.5	-0.8%	7.4%	59.9	57.8	-2.0	-3.4%	7.4%	63.9	61.8	-2.1	-3.3%
8.6%	56.7	56.7	0.0	0.0%	8.6%	58.9	58.3	-0.6	-1.0%	8.6%	58.8	57.8	-1.0	-1.7%	8.6%	61.9	61.0	-0.9	-1.5%
9.9%	56.5	56.7	0.2	0.3%	9.9%	57.9	57.6	-0.4	-0.6%	9.9%	58.3	57.7	-0.7	-1.2%	9.9%	61.2	60.0	-1.2	-1.9%
11.1%	56.5	56.6	0.1	0.2%	11.1%	57.7	57.5	-0.2	-0.4%	11.1%	58.1	57.6	-0.5	-0.9%	11.1%	60.2	59.7	-0.5	-0.8%
12.3%	56.1	56.5	0.4	0.8%	12.3%	57.6	57.3	-0.3	-0.5%	12.3%	58.1	57.6	-0.5	-0.8%	12.3%	59.8	59.7	-0.1	-0.2%
13.6%	56.0	56.0	0.0	0.0%	13.6%	57.4	57.0	-0.4	-0.6%	13.6%	58.0	57.5	-0.5	-0.9%	13.6%	59.8	59.2	-0.6	-0.9%
14.8%	55.9	55.9	0.0	0.1%	14.8%	57.2	56.8	-0.4	-0.7%	14.8%	57.7	57.4	-0.3	-0.4%	14.8%	59.8	59.2	-0.6	-1.0%
16.0%	55.9	55.8	-0.1	-0.1%	16.0%	56.8	56.8	0.0	0.0%	16.0%	57.4	57.3	-0.1	-0.2%	16.0%	59.7	58.9	-0.7	-1.3%
17.3%	55.8	55.6	-0.1	-0.2%	17.3%	56.7	56.6	-0.1	-0.2%	17.3%	57.2	57.0	-0.2	-0.4%	17.3%	59.3	58.7	-0.5	-0.9%
18.5%	55.7	55.6	-0.1	-0.2%	18.5%	56.5	56.5	0.0	0.0%	18.5%	57.0	57.0	-0.1	-0.1%	18.5%	59.1	58.5	-0.6	-1.1%
19.8%	55.7	55.6	-0.1	-0.1%	19.8%	56.5	56.5	0.0	0.0%	19.8%	57.0	56.9	-0.1	-0.1%	19.8%	59.1	58.2	-0.9	-1.5%
21.0%	55.6	55.5	0.0	-0.1%	21.0%	56.2	56.2	-0.1	-0.1%	21.0%	56.9	56.9	0.0	-0.1%	21.0%	58.9	58.2	-0.6	-1.1%
22.2%	55.6	55.4	-0.2	-0.1%	22.2%	56.1	56.2	0.0	0.0%	22.2%	56.9	56.8	0.0	-0.1%	22.2%	58.8	58.0	-0.8	-1.3%
23.5%	55.5	55.3	-0.2	-0.4%	23.5%	56.0	56.1	0.0	0.1%	23.5%	56.9	56.8	-0.1	-0.1%	23.5%	58.6	58.0	-0.6	-1.1%
24.7%	55.4	55.3	-0.2	-0.2%	24.7%	56.0	56.1	0.1	0.2%	24.7%	56.9	56.7	-0.1	-0.3%	24.7%	58.1	57.9	-0.2	-0.3%
25.9%	55.4	55.2	-0.2	-0.4%	25.9%	56.0	56.1	0.1	0.2%	25.9%	56.7	56.7	-0.2	-0.1%		58.1	57.6	-0.4	-0.8%
27.2%	55.4 55.4	55.2	-0.2	-0.4%	25.9%	55.9	56.0	0.1	0.2%	27.2%	56.7	56.6	-0.1	-0.1%	25.9% 27.2%	58.0	57.6	-0.4	-0.7%
28.4%	55.4 55.3	55.2 55.2	-0.2	-0.4%	28.4%	55.9 55.9	56.0 56.0	0.1	0.2%	27.2%	56.7 56.6	56.5	-0.1	-0.2%	27.2%	58.0 58.0	57.5 57.5	-0.4	-0.7%
28.4%	55.3 55.3	55.2 55.1	-0.1	-0.3%		55.9 55.9	55.9	0.1			56.6 56.6	56.5 56.4	-0.2	-0.5%	28.4%	58.0 57.8	57.5 57.4	-0.6	
29.6%	55.3 55.3	55.1 55.1	-0.1 -0.1	-0.3%	29.6% 30.9%	55.9 55.9	55.9 55.9	0.0	0.0%	29.6% 30.9%	56.6 56.6	56.4 56.3	-0.3	-0.5% -0.6%	29.6%	57.8 57.8	57.4 57.3	-0.4 -0.5	-0.7%
30.9%	55.3 55.1	55.1 55.1	-0.1	-0.3%	30.9%	55.9 55.9	55.9 55.9	0.0	0.0%	30.9%	56.6 56.6	56.3 56.3	-0.3	-0.6%	30.9%	57.8 57.8	57.3 57.2	-0.5 -0.5	-0.9% -0.9%
32.1%	55.1 55.1	55.1 55.1			32.1%	55.9 55.9	55.9 55.8			32.1%		56.3 56.2			32.1%	57.8 57.6	57.2 57.2	-0.5	
33.3% 34.6%	55.1 55.1	55.1 55.1	0.0	0.0%	33.3% 34.6%	55.9 55.8	55.8 55.7	-0.1 -0.1	-0.1% -0.2%	33.3% 34.6%	56.6 56.5	56.2 56.1	-0.4 -0.4	-0.6% -0.6%	33.3% 34.6%	57.6 57.6	57.2 57.2	-0.4 -0.4	-0.7%
34.6%		55.1 55.0			34.6%					34.6%					34.6%	57.6 57.4	57.2 57.1	-0.4	-0.6% -0.5%
35.8%	55.0 55.0	55.0 55.0	0.0	0.0%	35.8%	55.7 55.7	55.6 55.6	-0.1 -0.1	-0.2% -0.2%	35.8%	56.5 56.4	56.1 56.1	-0.4 -0.3	-0.6% -0.6%	35.8%	57.4 57.4	57.1 57.1	-0.3	-0.5%
38.3%	55.0	55.0	0.0	0.1%	38.3%	55.6	55.5	-0.1	-0.2%	38.3%	56.4	56.1	-0.3	-0.6%	38.3%	57.3	57.1	-0.3	-0.5%
39.5%	55.0	55.0	0.0	0.0%	39.5%	55.5	55.5	0.0	0.0%	39.5%	56.2	56.1	-0.1	-0.3%	39.5%	57.3	57.1	-0.3	-0.5%
40.7%	55.0	54.9	-0.1	-0.1%	40.7%	55.5	55.5	0.0	-0.1%	40.7%	56.1	56.1	-0.1	-0.1%	40.7%	57.3	57.0	-0.3	-0.6%
42.0%	55.0	54.9	-0.1	-0.1%	42.0%	55.5	55.5	0.0	0.0%	42.0%	56.1	56.1	-0.1	-0.1%	42.0%	57.3	57.0	-0.3	-0.5%
43.2%	54.9	54.9	-0.1	-0.1%	43.2%	55.4	55.4	0.0	0.1%	43.2%	56.1	56.1	-0.1	-0.1%	43.2%	57.2	57.0	-0.2	-0.3%
44.4%	54.8	54.9	0.0	0.0%	44.4%	55.4	55.4	0.0	0.1%	44.4%	56.1	56.0	0.0	-0.1%	44.4%	57.1	56.9	-0.2	-0.4%
45.7%	54.8	54.8	0.0	0.0%	45.7%	55.2	55.3	0.0	0.1%	45.7%	56.1	56.0	0.0	-0.1%	45.7%	57.1	56.7	-0.4	-0.7%
46.9%	54.8	54.8	0.0	0.0%	46.9%	55.2	55.3	0.0	0.1%	46.9%	56.1	56.0	0.0	-0.1%	46.9%	57.1	56.6	-0.5	-0.9%
48.1%	54.8	54.8	0.0	0.0%	48.1%	55.2	55.2	0.0	0.0%	48.1%	56.0	56.0	-0.1	-0.1%	48.1%	57.0	56.5	-0.5	-0.8%
49.4%	54.7	54.8	0.1	0.2%	49.4%	55.1	55.1	0.1	0.1%	49.4%	56.0	56.0	-0.1	-0.1%	49.4%	57.0	56.4	-0.6	-1.0%
50.6%	54.7	54.7	0.1	0.1%	50.6%	55.0	55.1	0.1	0.2%	50.6%	55.9	55.9	0.0	0.0%	50.6%	57.0	56.4	-0.6	-1.1%
51.9%	54.6	54.7	0.0	0.1%	51.9%	54.8	55.1	0.3	0.5%	51.9%	55.8	55.9	0.0	0.0%	51.9%	56.9	56.3	-0.6	-1.1%
53.1%	54.6	54.6	0.0	0.0%	53.1%	54.7	55.0	0.3	0.5%	53.1%	55.8	55.8	0.0	0.0%	53.1%	56.8	56.3	-0.5	-0.8%
54.3%	54.6	54.6	0.0	0.0%	54.3%	54.7	54.9	0.2	0.4%	54.3%	55.8	55.8	0.0	0.0%	54.3%	56.7	56.3	-0.4	-0.7%
55.6%	54.6	54.6	0.0	-0.1%	55.6%	54.7	54.9	0.2	0.4%	55.6%	55.8	55.7	0.0	-0.1%	55.6%	56.6	56.3	-0.3	-0.6%
56.8%	54.6	54.5	-0.1	-0.1%	56.8%	54.7	54.8	0.1	0.2%	56.8%	55.7	55.7	0.0	-0.1%	56.8%	56.4	56.2	-0.2	-0.3%
58.0%	54.6	54.5	-0.1	-0.1%	58.0%	54.6	54.8	0.2	0.3%	58.0%	55.6	55.7	0.1	0.2%	58.0%	56.4	56.1	-0.3	-0.5%
59.3%	54.5	54.5	0.0	0.0%	59.3%	54.6	54.8	0.1	0.2%	59.3%	55.6	55.7	0.1	0.2%	59.3%	56.3	56.1	-0.2	-0.3%
60.5%	54.5	54.4	0.0	0.0%	60.5%	54.6	54.7	0.2	0.3%	60.5%	55.6	55.6	0.1	0.1%	60.5%	56.2	56.0	-0.2	-0.4%
61.7%	54.4	54.4	0.0	0.0%	61.7%	54.6	54.7	0.2	0.3%	61.7%	55.6	55.6	0.1	0.1%	61.7%	56.2	56.0	-0.1	-0.3%
63.0%	54.4	54.4	0.0	0.1%	63.0%	54.5	54.7	0.1	0.2%	63.0%	55.6	55.6	0.0	0.1%	63.0%	56.1	55.9	-0.2	-0.3%
64.2%	54.4	54.4	0.0	0.0%	64.2%	54.5	54.6	0.1	0.2%	64.2%	55.5	55.5	0.0	0.0%	64.2%	56.0	55.8	-0.2	-0.3%
65.4%	54.4	54.4	0.0	0.0%	65.4%	54.4	54.6	0.2	0.3%	65.4%	55.5	55.5	0.0	0.0%	65.4%	56.0	55.8	-0.2	-0.4%
66.7%	54.3	54.4	0.1	0.2%	66.7%	54.4	54.6	0.2	0.3%	66.7%	55.5	55.5	0.0	0.0%	66.7%	55.8	55.7	-0.1	-0.2%
67.9%	54.2	54.3	0.2	0.3%	67.9%	54.4	54.5	0.1	0.2%	67.9%	55.5	55.4	0.0	-0.1%	67.9%	55.8	55.6	-0.2	-0.3%
69.1%	54.0	54.3	0.2	0.4%	69.1%	54.4	54.5	0.1	0.2%	69.1%	55.5	55.4	0.0	0.0%	69.1%	55.6	55.6	0.0	-0.1%
70.4%	54.0	54.2	0.2	0.4%	70.4%	54.4	54.5	0.1	0.2%	70.4%	55.4	55.4	0.0	-0.1%	70.4%	55.6	55.5	-0.1	-0.1%
71.6%	54.0	54.2	0.2	0.4%	71.6%	54.4	54.5	0.1	0.2%	71.6%	55.4	55.4	0.0	0.0%	71.6%	55.6	55.5	-0.1	-0.1%
72.8%	54.0	54.2	0.2	0.4%	72.8%	54.4	54.4	0.1	0.2%	72.8%	55.4	55.4	0.0	0.0%	72.8%	55.6	55.4	-0.1	-0.2%
74.1%	54.0	54.1	0.1	0.3%	74.1%	54.3	54.4	0.1	0.2%	74.1%	55.4	55.4	0.0	0.0%	74.1%	55.5	55.4	-0.1	-0.2%
75.3%	53.9	54.1	0.2	0.3%	75.3%	54.2	54.4	0.2	0.3%	75.3%	55.4	55.4	0.0	0.0%	75.3%	55.5	55.4	-0.1	-0.2%
76.5%	53.9	54.0	0.1	0.3%	76.5%	54.2	54.4	0.2	0.4%	76.5%	55.4	55.3	-0.1	-0.1%	76.5%	55.4	55.4	0.0	0.0%
77.8%	53.9	54.0	0.1	0.1%	77.8%	54.2	54.4	0.2	0.3%	77.8%	55.3	55.3	0.0	0.0%	77.8%	55.3	55.2	-0.1	-0.2%
79.0%	53.9	54.0	0.1	0.2%	79.0%	54.2	54.3	0.1	0.2%	79.0%	55.3	55.3	0.0	0.0%	79.0%	55.3	55.2	-0.1	-0.2%
80.2%	53.8	54.0	0.1	0.3%	80.2%	54.2	54.3	0.1	0.2%	80.2%	55.3	55.2	0.0	-0.1%	80.2%	55.3	55.2	-0.1	-0.2%
81.5%	53.8	53.9	0.1	0.2%	81.5%	54.2	54.2	0.1	0.1%	81.5%	55.2	55.1	-0.1	-0.2%	81.5%	55.0	55.1	0.0	0.0%
82.7%	53.8	53.9	0.1	0.2%	82.7%	54.1	54.2	0.2	0.3%	82.7%	55.1	55.1	0.0	0.0%	82.7%	55.0	55.0	0.0	0.0%
84.0%	53.7	53.9	0.1	0.3%	84.0%	54.1	54.2	0.2	0.3%	84.0%	55.0	55.1	0.1	0.1%	84.0%	55.0	55.0	0.0	-0.1%
85.2%	53.7	53.9	0.2	0.4%	85.2%	54.0	54.2	0.2	0.3%	85.2%	55.0	55.0	0.1	0.1%	85.2%	55.0	55.0	0.0	-0.1%
86.4%	53.6	53.8	0.2	0.3%	86.4%	54.0	54.1	0.1	0.2%	86.4%	54.9	54.9	0.0	0.1%	86.4%	55.0	55.0	0.0	-0.1%
87.7%	53.6	53.7	0.1	0.2%	87.7%	54.0	54.0	0.0	-0.1%	87.7%	54.7	54.9	0.2	0.3%	87.7%	54.9	54.6	-0.3	-0.6%
88.9%	53.5	53.6	0.1	0.2%	88.9%	53.9	53.9	0.0	0.1%	88.9%	54.7	54.9	0.2	0.4%	88.9%	54.8	54.6	-0.3	-0.5%
90.1%	53.4	53.6	0.2	0.4%	90.1%	53.9	53.9	0.0	0.1%	90.1%	54.7	54.9	0.2	0.3%	90.1%	54.8	54.6	-0.2	-0.4%
91.4%	53.2	53.5	0.3	0.5%	91.4%	53.9	53.9	0.0	0.1%	91.4%	54.7	54.8	0.1	0.3%	91.4%	54.6	54.4	-0.3	-0.5%
92.6%	53.2	53.4	0.2	0.4%	92.6%	53.8	53.8	0.1	0.1%	92.6%	54.6	54.6	0.0	0.0%	92.6%	54.5	54.4	-0.1	-0.3%
93.8%	53.0	53.4	0.3	0.7%	93.8%	53.7	53.5	-0.2	-0.3%	93.8%	54.4	54.6	0.2	0.4%	93.8%	54.5	54.3	-0.2	-0.4%
95.1%	53.0	53.2	0.2	0.3%	95.1%	53.4	53.5	0.1	0.2%	95.1%	54.2	54.4	0.2	0.4%	95.1%	54.4	54.2	-0.2	-0.3%
96.3%	52.9	53.1	0.2	0.3%	96.3%	53.4	53.4	0.1	0.2%	96.3%	54.2	54.3	0.1	0.2%	96.3%	54.1	54.1	0.0	-0.1%
97.5%	52.7	53.0	0.4	0.7%	97.5%	53.2	53.2	-0.1	-0.2%	97.5%	53.9	54.1	0.2	0.4%	97.5%	54.0	53.8	-0.2	-0.4%
98.8%	52.6	52.9	0.3	0.6%	98.8%	53.2	53.1	0.0	-0.1%	98.8%	53.7	53.9	0.2	0.3%	98.8%	52.8	52.9	0.1	0.2%
100.0%	52.4	52.4	0.0	0.0%	100.0%	53.1	53.1	0.0	0.0%	100.0%	53.5	53.9	0.4	0.7%	100.0%	52.7	52.9	0.2	0.4%
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Table SQ-05-3a Sacramento River at Bend Bridge, Monthly Temperature Long-term Average and Average by Water Year Type

Monthly Temperature (DEG-F) Analysis Period Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep													
Analysis Period	Oct	Nov	Dec	Jan		, ,			Jun	Jul	Aug	Sen	
,					ng-term			,					
Full Simulation Period ¹													
No Action Alternative	55.2	51.1	46.4	44.7	46.2	49.4	52.8	55.4	55.5	56.2	57.2	57.8	
Alternative A	54.8	50.9	46.6	44.9	46.2	49.4	53.3	55.4	55.5	56.2	56.9	57.5	
Difference	-0.4	-0.2	0.2	0.2	0.0	0.0	0.5	0.0	0.0	0.0	-0.2	-0.4	
Percent Difference ³	-0.8%	-0.4%	0.5%	0.5%	0.1%	0.1%	0.9%	0.0%	0.0%	0.0%	-0.4%	-0.79	
				Water Y	ear Types	2							
Wet (32%)													
No Action Alternative	54.6	51.6	46.5	44.7	45.9	48.5	51.9	55.2	55.4	56.2	56.5	55.7	
Alternative A	54.4	51.4	46.9	44.9	45.9	48.5	52.1	55.0	55.3	56.3	56.6	55.6	
Difference	-0.2	-0.2	0.4	0.1	0.0	0.0	0.1	-0.2	-0.1	0.1	0.1	-0.1	
Percent Difference	-0.3%	-0.4%	0.8%	0.3%	0.0%	0.1%	0.3%	-0.4%	-0.3%	0.2%	0.2%	-0.29	
Above Normal (15%)													
No Action Alternative	54.2	50.9	46.9	44.9	46.2	49.6	53.2	56.0	54.7	55.1	56.6	56.8	
Alternative A	53.8	50.7	47.3	45.1	46.2	49.6	53.5	55.7	54.9	55.3	56.7	56.8	
Difference	-0.4	-0.1	0.4	0.2	0.0	0.0	0.3	-0.3	0.2	0.2	0.1	0.0	
Percent Difference	-0.7%	-0.3%	0.9%	0.4%	0.0%	0.1%	0.5%	-0.5%	0.4%	0.3%	0.1%	0.0%	
Below Normal (17%)													
No Action Alternative	53.9	50.6	46.7	44.5	45.8	49.3	53.3	55.5	55.0	55.5	56.2	57.6	
Alternative A	53.4	50.4	46.8	44.7	45.8	49.3	53.8	55.6	55.1	55.5	56.3	57.1	
Difference	-0.5	-0.2	0.1	0.2	0.0	0.0	0.6	0.2	0.1	0.1	0.0	-0.5	
Percent Difference	-0.9%	-0.4%	0.2%	0.4%	0.0%	0.0%	1.1%	0.3%	0.2%	0.1%	0.1%	-0.89	
Dry (22%)		,		,	,		,		,	,			
No Action Alternative	55.5	51.2	46.3	44.6	46.3	50.1	53.3	55.0	55.5	55.7	57.0	58.8	
Alternative A	54.8	51.0	46.3	44.9	46.3	50.1	54.1	55.3	55.6	55.6	56.7	58.3	
Difference	-0.6	-0.3	0.0	0.4	0.0	0.1	0.7	0.3	0.1	0.0	-0.3	-0.5	
Percent Difference	-1.1%	-0.5%	0.0%	0.8%	0.0%	0.1%	1.4%	0.6%	0.2%	-0.1%	-0.6%	-0.99	
Critical (15%)													
No Action Alternative	58.6	51.0	45.5	44.6	46.9	50.3	52.9	55.8	56.9	59.0	60.6	62.3	
Alternative A	57.8	50.7	45.7	44.8	47.0	50.4	53.7	56.1	56.9	58.5	59.0	61.2	
Difference	-0.8	-0.3	0.2	0.2	0.1	0.1	0.8	0.3	0.0	-0.5	-1.6	-1.1	
Percent Difference	-1.3%	-0.5%	0.4%	0.5%	0.2%	0.2%	1.5%	0.5%	-0.1%	-0.8%	-2.6%	-1.89	

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

3 Relative difference of the monthly average



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

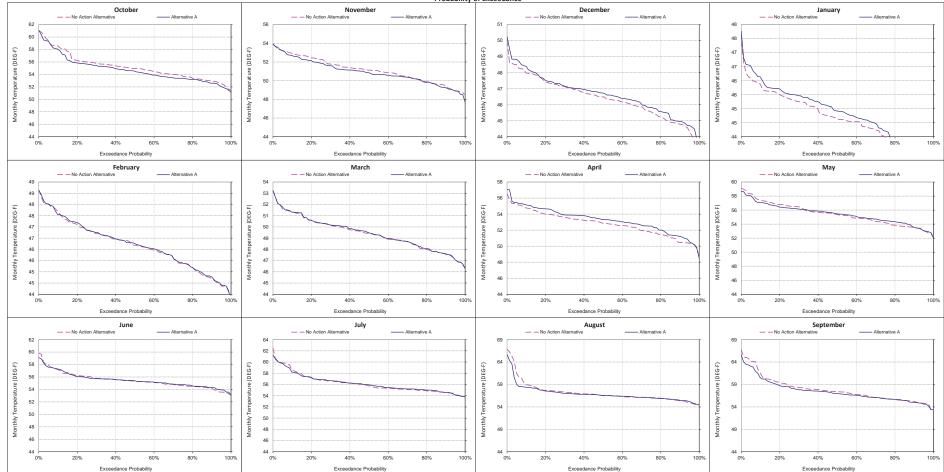


Table SQ-05-3b Sacramento River at Bend Bridge, Monthly Temperature Probability of Exceedance

Octobe Novembe January Percent Percent Percent Percent No Action Alternative Alternative A Absolute Relative Relative Relative Relative Exceedance Exceedance Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG.E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% 0.0% 60.9 61.1 0.2 0.3% 0.0% 53.9 53.9 0.0% 50.0 50.2 47.8 1.2% 60.8 60.4 -0.4 -0.7% 1.2% 53.7 53.7 0.0 0.0% 1.2% 48.6 49.5 0.9 1.8% 1.2% 46.7 46.8 0.1 0.3% 2.5% 60.4 59.5 -1.4% 2.5% 53.4 53.6 0.4% 2.5% 48.6 48.8 0.5% 2.5% 46.3 46.6 0.6% 3.7% 3.7% 59.8 59.4 -0.4 -0.6% 3.7% 53.3 53.3 0.0 -0.1% 3.7% 48.5 48.8 0.3 0.7% 46.1 46.6 0.4 0.9% 4.9% 59.5 59.4 -0.1 -0.2% 4.9% 53.2 53.2 0.0 -0.1% 4.9% 48.5 48.8 0.3 0.7% 4.9% 46.1 46.5 0.4 1.0% 6.2% 6.2% 6.2% 6.2% 58.8 58.8 0.0 0.0% 53.1 53.1 -0.1 -0.1% 48.3 48.7 0.4 0.9% 46.0 46.3 0.4 0.8% 7.4% -0.4-0.7% 7.4% 52.8 -0.3-0.6% 7.4% 48.2 0.3 0.5% 7.4% 46.0 46.3 0.3 0.6% 8.6% 8.6% 8.6% 8.6% 58.6 58.1 -0.5 -0.9% 53.0 52.7 -0.3 -0.5% 48.2 48.4 0.2 0.4% 45.9 46.1 0.5% 9.9% 11.1% 12.3% 9.9% -0.9% -0.5% 0.6% 11.1% 12.3% 58.2 57.7 -0.5 -0.8% 11.1% 52.9 52.6 -0.3 -0.5% 11.1% 48.0 48.2 0.2 0.4% 45.7 46.0 0.3 0.7% 13.6% 13.6% 13.6% -0.4% 13.6% 0.3% 58 1 57 1 -1.0 -1.7% 52.7 52.5 -0 2 47 9 48.0 0.1 0.3% 45.6 45.8 0.1 -2.4% 47.9 16.0% 16.0% 16.0% 16.0% 57.7 56.2 -1.5 -2.5% 52.7 52.2 -0.4 -0.8% 47.8 47.9 0.1 0.1% 45.6 45.7 0.1 0.3% 18.5% 18.5% -0.7% 18.5% 0.2% 18.5% 0.4% 56.3 55.9 -0.5 -0.8% 52.5 52.2 -0.3 47.6 47.7 0.1 45.5 45.7 0.2 19.8% 21.0% 56.3 56.2 55.9 55.8 -0.4 -0.4 -0.8% 19.8% 52.2 -0.3 -0.4 19.8% 47.5 0.1 19.8% 21.0% 0.2 21.0% 47.4 -0.6% 52.4 52.0 -0.8% 47.5 0.2% 45.5 45.6 0.4% 22.2% 23.5% -0.7% -0.6% 22.2% 23.5% 52.0 -0.8% 22.2% 23.5% 22.2% 23.5% 0.1 55.7 51.9 -0.4 56.1 -0.4 47.3 47.4 0.1 52.3 -0.8% 0.2% 45.4 45.5 0.3% 24.7% 25.9% -0.6% -0.7% 24.7% 25.9% 24.7% 25.9% 0.2% 24.7% 25.9% 45.5 45.5 56.0 51.9 -0.8% 47.3 47.3 45.4 0.2 0.4% 56.0 55.6 -0.4 52.3 51.8 -0.4 -0.8% 47.3 47.3 0.1 45.3 0.4% 27.2% 28.4% 27.2% 28.4% 55.9 55.6 -0.6% 27.2% 52.0 51.7 -0.7% 27.2% 47.2 45.3 45.5 0.2 55.9 -0.4 -0.8% 28.4% 51.8 51.6 -0.2 -0.3% 28.4% 47.2 47.2 0.1 0.1% 45.3 45.5 0.2 0.5% 29.6% 30.9% -0.6% 29.6% 30.9% -0.4% -0.3% 29.6% 30.9% 29.6% 30.9% 51.6 51.6 47 0.0 0.1% 45.5 45.5 0.2 45.2 0.5% 47.1 32.1% 55.7 55.3 -0.3 -0.6% 32.1% 51.7 51.4 -0.4 -0.7% 32.1% 47.1 47.1 -0.1% 32.1% 45.2 45.4 0.2 0.4% 33.3% -0.7% 33.3% 51.2 -0.8% 33.3% 0.0 0.0% 33.3% 45.4 0.2 0.4% 34.6% 55.6 -0.4 -0.7% 34.6% 51.6 51.2 -0.4 -0.8% 34.6% 47.0 47.0 0.1 0.2% 34.6% 45.1 45.4 0.3 0.7% 35.8% -0.7% 35.8% 51.2 -0.3 -0.5% 35.8% 35.8% 0.2 55.6 0.2% 45.3 0.5% 37.0% 55.5 55.2 -0.4-0.6% 37.0% 51.5 51.2 -0.3-0.6% 37.0% 46.9 47.0 0.2% 37.0% 45.1 45.3 0.2 0.5% 38.3% 55.5 -0.7% 38.3% 51.1 38.3% 47.0 38.3% 0.2 39.5% 55.4 55.0 -0.5 -0.8% 39.5% 51.4 51.1 -0.3 -0.5% 39.5% 46.8 47.0 0.2 0.4% 39.5% 45.0 45.3 0.2 0.5% 40.7% 55.3 54.9 -0.4 -0.8% 40.7% 51.4 51.1 -0.2 -0.5% 40.7% 46.7 46.9 0.2 0.5% 40.7% 44.8 45.2 0.4 0.9% 42.0% 55.3 54.8 -0.5-0.9% 42.0% 51.3 51.1 -0.2-0.4% 42.0% 46.7 46.9 0.2 0.5% 42.0% 44.8 45.2 0.3 0.8% -0.5% 43.2% 55.2 54.8 -0.4 -0.7% 43.2% 51.3 51.1 -0.2 43.2% 46.7 46.9 0.2 0.4% 43.2% 44.8 45.1 0.4 0.8% 44.4% -0.4 -0.7% 44.4% 51.3 51.0 -0.2 -0.4% 44.4% 46.6 46.8 0.4% 44.4% 44.8 45.1 0.4 0.8% 45.7% 45.7% 45.7% 55.2 54.6 -0.5 -1.0% 51.3 51.0 -0.3 -0.5% 46.6 46.8 0.2 0.5% 45.7% 44.7 45.1 0.3 0.8% 0.4 46.9% 55.0 54.6 -0.4-0.8% 46.9% 51.2 51.0 -0.2-0.4% 46.9% 46.5 46.8 0.3 0.6% 46.9% 44.7 45.1 0.8% 48.1% 49.4% 55.0 54.6 -0.4 -0.7% 48.1% 51.2 50.9 -0.3 -0.5% 48.1% 46.5 46.7 0.2 0.5% 48.1% 44.7 44 9 0.3 0.6% -0.4-0.7%49.4% 50.9 -0.3-0.5% 49.4% 46.5 0.5% 49.4% 44.7 44.9 0.3 0.6% 50.6% 50.6% 50.6% 54.9 54.4 -0.5 -1.0% 51.1 50.8 -0.3 -0.7% 46.5 46.7 0.2 0.5% 50.6% 44.6 44.9 0.3 0.6% 51.9% -0.6 -1.1% -1.1% 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Table SQ-05-3b
Sacramento River at Bend Bridge, Monthly Temperature
Probability of Exceedance

											of Exceedance									
The column	Doroont		February			Dornont		March			Doroont		April			Dorcont		May		
Table Property P		No Action Alternative	Alternative A		Relative		No Action Alternative	Alternative A		Relative		No Action Alternative	Alternative A		Relative		No Action Alternative	Alternative A		Relative
Section Column					Difference (%)	Probability									Difference (%)	Probability				
Second	(%)				0.40/	(%)				0.00/	(%)				4.00/	(%)				0.00/
Angle	1.2%				0.2%	1.2%					1.2%				2.2%	1.2%				
Color Colo	2.5%	48.1				2.5%				0.1%	2.5%					2.5%		58.1	-0.7	-1.1%
Column																				
Fig. 17																				
The column																				
10																			-0.4	
150				-0.1										0.4						-0.6%
Section Color Co																				
140																				
March Marc				0.1						0.2%	14.8%								-0.3	
1.00	16.0%			0.1	0.1%	16.0%		50.9	0.1	0.1%	16.0%	54.3	54.7	0.5		16.0%	57.0	56.7	-0.3	-0.6%
10																				
1																				
27 46																				
24.75	22.2%	47.0	47.1			22.2%					22.2%		54.6		1.3%				-0.4	
2.50, 44 46 0.0	23.5%										23.5%	53.9								
The color of the	24.7%			0.0		24.7%			0.0	0.1%	24.7%		54.3	0.5		24.7%			-0.3	-0.5%
24.00 44.00 44.00 40.0																				
200 467				0.0						0.1%	28.4%	53.7	53.9	0.2					-0.3	-0.6%
22 15 467	29.6%	46.7	46.8	0.0	0.1%	29.6%	50.2	50.2	0.0	0.0%	29.6%	53.6	53.9	0.3	0.5%	29.6%	56.5	56.2	-0.3	-0.5%
State March Marc	30.9%	46.7		0.0		30.9%			0.1		30.9%	53.6	53.9			30.9%		56.1	-0.3	
340% 460 460 00 00 00 00 00 00 00 00 00 00 00 00 0											32.1%									
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46.7% #6.4 #6.3				0.0						0.1%										
469% 46.4 46.3 O.1 O.1% 46.9% 46.5 42.7 O.1 O.3% 46.9% 53.1 O.3.4 O.7 O.7 M. 46.9% 55.5 S.5.0 O.1 O.2% 46.1% 46.2 O.3.5 M. 48.1% 53.0 S.3.4 O.4 O.7 M. 46.9% 55.5 S.5.0 O.1 O.2% 46.1% 46.2 O.3.5 M. 48.1% 53.0 S.3.4 O.4 O.7 M. 46.5 M. 48.1% 52.6 S.5.0 S.3.4 O.4 O.7 M. 46.5 M. 48.1% 52.6 S.5.0 S.3.4 O.4 O.7 M. 46.5 M. 48.1% 52.6 S.5.0 S.3.4 O.4 O.7 M. 46.5 M. 48.1% 52.6 S.5.0 S.3.4 O.4 O.7 M. 48.1% 52.6 M. 48.2 O.1 O.1 M. 56.6 M. 48.4 M. 49.5 O.1 O.2% 55.6 M. 48.2 O.1 O.7 M. 48.2 M. 48.2 O.1 O.1 M. 49.5 O.1 O.7 M. 48.2 M. 48.2 O.1 O.1 M. 49.5 O.1 O.7 M. 48.2 M. 48.2 O.1 O.1 M. 49.5 O.1 O.7 M. 48.2 M. 48.2 O.1 O.1 M. 49.5 O.1 O.7 M. 48.2 M. 48.2 O.1 O.1 O.2% 55.6 M. 48.2 M. 48.2 O.1 O.1 M. 49.5 O.1 O.1 M. 49.5 M. 48.2 M. 49.5 O.1 O.1 M. 49.5 M.										0.1%										
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\$31% 461 462 00 0.1% \$3.1% 463 403 00 0.0% \$3.1% \$2.8 \$3.3 0.5 1.0% \$5.3.5% \$5.4 0.1 0.2% \$4.2% \$4.5 0.0 0.0 0.0% \$4.2% \$4.5 0.0 0.0 0.0% \$4.2% \$4.5 0.0 0.0 0.0% \$4.2% \$4.2% \$4.5 0.0 0.0 0.0% \$4.2%																				
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$\begin{array}{cccccccccccccccccccccccccccccccccccc$																				
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95.1% 44.4 44.4 0.0 0.1% 95.1% 47.0 47.0 0.0 0.0% 95.1% 50.4 50.5 0.1 0.3% 95.1% 53.1 53.0 0.1 0.1% 96.3% 44.4 44.4 0.0 0.1% 96.3% 46.9 46.9 0.0 0.0% 96.3% 50.3 50.4 0.0 0.1% 96.3% 52.9 52.0 0.1 0.1% 97.5% 44.3 44.4 0.0 0.0% 97.5% 46.8 46.9 0.0 0.1% 97.5% 50.2 50.1 0.1 0.1% 97.5% 52.7 52.9 0.2 0.3% 98.8% 44.1 44.2 0.0 0.1% 98.8% 46.6 46.7 0.1 0.2% 98.8% 49.8 49.7 0.1 0.2% 98.8% 52.6 52.8 0.2 0.3%																				
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$97.5\% \qquad 44.3 \qquad 44.4 \qquad 0.0 \qquad 0.0\% \qquad 97.5\% \qquad 46.8 \qquad 46.9 \qquad 0.0 \qquad 0.1\% \qquad 97.5\% \qquad 50.2 \qquad 50.1 \qquad -0.1 \qquad -0.1\% \qquad 97.5\% \qquad 52.7 \qquad 52.9 \qquad 0.2 \qquad 0.3\% \qquad 0.3\% \qquad 0.1 \qquad -0.2\% \qquad 98.8\% \qquad 44.1 \qquad 44.2 \qquad 0.0 \qquad 0.1\% \qquad 98.8\% \qquad 46.6 \qquad 46.7 \qquad 0.1 \qquad 0.2\% \qquad 98.8\% \qquad 49.8 \qquad 49.7 \qquad -0.1 \qquad -0.2\% \qquad 98.8\% \qquad 52.6 \qquad 52.8 \qquad 0.2 \qquad 0.3\% \qquad 0.2\% \qquad 0.3\% \qquad 0.2\% \qquad 0.2\% \qquad 0.3\% \qquad 0.2\% \qquad 0.2$																				
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100.0% 43.6 43.6 0.0 0.0% 100.0% 46.3 46.3 0.0 0.0% 100.0% 48.5 48.5 0.0 0.0% 100.0% 52.1 52.0 -0.1 -0.2%																				
	100.0%	43.6	43.6	0.0	0.0%	100.0%	46.3	46.3	0.0	0.0%	100.0%	48.5	48.5	0.0	0.0%	100.0%	52.1	52.0	-0.1	-0.2%

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

August

September

	Percent		June			Percent		,			Percent		August			Percent				
Mark 1985		No Action Alternative	Alternative A	Absolute	Relative		No Action Alternative	Alternative A	Absolute	Relative		No Action Alternative	Alternative A	Absolute	Relative		No Action Alternative	Alternative A	Absolute	Relative
No.		Monthly Temperature	Monthly Temperature				Monthly Temperature	Monthly Temperature				Monthly Temperature	Monthly Temperature				Monthly Temperature	Monthly Temperature		
Color				(DEG-F)																
1				-0.7	-1.2%	0.0%			-1.2	-2.0%	0.0%			-1.2	-1.8%	0.0%			-1.1	-1.7%
1.00	1.2%	59.7	58.9	-0.8	-1.3%	1.2%	60.7	60.6	-0.1	-0.2%	1.2%	66.3	64.3	-1.9	-2.9%	1.2%	65.2	64.0	-1.1	-1.7%
Apr						2.5%					2.5%								-1.5	-2.3%
Section Sect					-0.4%		60.0					64.1			-5.5%				-1.5	
The																				
15																				-2.0%
10																				
11 12 12 13 14 15 15 15 15 15 15 15	8.6%			0.1						-1.0%	8.6%			-1.0					-0.9	-1.4%
12.5																				-1.7%
146. 146.	11.1%										11.1%					11.1%				-0.7%
Color Colo																				-0.2%
Section Column																				-0.8%
17.5																			-0.6	
18.00																				-1.1%
10																				
19											18.5%									
22.5 66.2 66.0 67.1 67.5																				
2000 201																				
24.75																				
25.00 25.1 25.0											23.5%									
27.										0.2%									-0.2	-0.3%
28.66 56.2 55.7 6.1 6.05 56.8	23.976					23.370				0.276	23.970				0.276	23.970			-0.5	-0.6%
20				-0.3		27.270		50.0 EG 7			27.2%							50.1	-0.3	-0.6%
330% 508 507 509 40% 1329% 508 508 507 509 40% 1329% 508 508 508 508 508 508 508 508 508 508																				-0.7 %
Str.	30.0%					30.0%				0.1%	20.0%					30.0%			-0.5	-0.6% -0.8%
SAME																				-0.9%
Section Sect																			-0.4	-0.7%
Section Sect										-0.1%		57.2								-0.7%
STATE STAT																				-0.6%
20.78 50.6 50.6 0.0 0.076 30.76 50.6 4.1 4.176 30.76 50.8 50.8 0.0 0.076 30.776 30.7 0.0 4.276 30.7 0.0 30.7	37.0%		55.7			37.0%			-0.1		37.0%	57.0								-0.6%
2007. 55.6 CO 0.07. 30.70. 55.7 CO 0.07. 30.70. 55.0 CO 0.07. 30.70. 30.		55.7		0.0	0.0%		56.4	56.3					56.8	-0.1	-0.2%	38.3%	57.9	57.5	-0.4	
40 PK 556 556 00	39.5%					39.5%			0.0		39.5%			-0.1		39.5%			-0.3	
40 / 40 / 553																				
427% 55.5 55.5 55.6 50.0 0.0% 42.5% 56.2 56.6 0.0 -4.1% 52.2% 56.6 0.0 -4.1% 52.2% 56.6 54.6 0.0 -4.5% 52.4 52.5 0.0 0.0 -1.1% 52.4 52.4 52.5 0.0 0.0 -1.1% 52.4 52.5 0.0 0.0 -1.1% 52.4 52.5 0.0 0.0				0.0				56.2	0.0	-0.1%	42.0%			-0.1					-0.2	-0.4%
44-00 55.4 55.5 0.1 0.1 0.1 0.1 44-00 56.0 56.1 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	43.2%					43.2%				-0.1%	43.2%			-0.1				57.4	-0.2	-0.4%
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44-96 55.3 55.4 0.1 0.2 0.2 0.5 0.2 0.2 0.5 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	48.1%	55.4	55.4	0.1	0.1%	48.1%	55.9	56.0	0.1	0.1%	48.1%	56.6	56.6	0.0	0.0%	48.1%	57.5	57.0	-0.4	-0.8%
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91.4% 53.9 54.0 0.2 0.3% 91.4% 54.5 54.6 0.1 0.1% 91.4% 55.3 55.4 0.1 0.2% 91.4% 55.0 55.0 0.1 0.2% 92.6% 54.9 54.9 54.0 0.2 0.3% 92.6% 54.5 54.5 0.0 0.0% 92.6% 55.3 55.4 0.1 0.2% 92.6% 54.9 54.9 54.9 54.9 93.8% 53.6 54.0 0.4 0.8% 93.8% 54.5 54.5 54.3 0.2 0.3% 93.8% 55.0 55.3 0.3 0.6% 93.8% 54.8 54.8 0.0 0.0% 95.1% 53.6 53.9 0.3 0.6% 95.1% 54.1 0.0 0.1% 95.1% 54.8 54.9 0.1 0.2% 96.3% 54.8 54.8 54.8 0.0 0.0% 96.3% 54.5 54.0 0.1 0.2% 96.3% 54.5 55.3 55.6 0.1 0.1% 95.3% 54.6 54.7 0.1 0.2% 96.3% 54.7 54.6 0.1 0.1% 97.5% 53.5 53.6 0.1 0.1% 97.5% 54.6 54.1 0.5 53.9 0.1 0.1% 97.5% 54.6 54.7 0.1 0.3% 97.5% 54.6 54.1 0.2 0.9% 98.8% 53.3 53.6 0.3 0.5% 98.8% 53.3 53.6 0.1 0.1% 98.8% 53.9 53.8 0.1 0.2% 98.8% 54.4 54.6 0.2 0.4% 98.8% 53.3 53.6 0.1 0.2%																				-0.3%
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93.8% 53.6 54.0 0.4 0.8% 93.8% 54.5 54.3 -0.2 -0.3% 93.8% 55.0 55.3 0.3 0.6% 93.8% 54.8 54.8 0.0 0.0% 95.1% 54.8 54.8 54.8 0.0 0.0% 96.3% 53.5 53.9 0.4 0.7% 96.3% 54.1 54.1 0.1 0.2% 96.3% 54.8 54.9 0.1 0.2% 96.3% 54.8 54.9 0.1 0.2% 96.3% 54.7 54.6 -0.2 -0.4% 96.3% 53.5 53.6 0.1 0.1% 97.5% 54.0 53.9 -0.1 -0.1% 97.5% 54.6 54.7 0.1 0.3% 97.5% 54.6 54.1 -0.5 -0.9% 96.8% 53.3 53.6 0.3 0.5% 98.8% 53.9 53.8 -0.1 -0.2% 98.8% 54.4 54.6 0.2 0.4% 98.8% 55.3 53.5 53.6 0.2 0.5% 98.8% 53.3 53.6 0.3 0.5%	92.6%										92.6%									-0.2%
96.3% 53.5 53.9 0.4 0.7% 96.3% 54.0 54.1 0.1 0.2% 96.3% 54.8 54.9 0.1 0.2% 96.3% 54.7 54.6 -0.1 -0.1% 97.5% 53.5 53.6 0.1 0.1% 97.5% 54.0 53.9 -0.1 -0.1% 97.5% 54.6 54.7 0.1 0.3% 97.5% 54.6 54.1 -0.5 -0.9% 98.8% 53.3 53.6 0.3 0.5% 98.8% 53.9 53.8 -0.1 -0.2% 98.8% 54.4 54.6 0.2 0.4% 98.8% 53.3 53.3 53.4 0.1 0.2%	93.8%	53.6		0.4	0.8%	93.8%	54.5	54.3		-0.3%	93.8%	55.0	55.3	0.3	0.6%	93.8%		54.8	0.0	0.0%
96.3% 53.5 53.9 0.4 0.7% 96.3% 54.0 54.1 0.1 0.2% 96.3% 54.8 54.9 0.1 0.2% 96.3% 54.7 54.6 -0.1 -0.1% 97.5% 53.5 53.6 0.1 0.1% 97.5% 54.0 53.9 -0.1 -0.1% 97.5% 54.6 54.7 0.1 0.3% 97.5% 54.6 54.1 -0.5 -0.9% 98.8% 53.3 53.6 0.3 0.5% 98.8% 53.9 53.8 -0.1 -0.2% 98.8% 54.4 54.6 0.2 0.4% 98.8% 53.3 53.3 53.4 0.1 0.2%																			-0.2	-0.4%
98.8% 53.3 53.6 0.3 0.5% 98.8% 53.9 53.8 -0.1 -0.2% 98.8% 54.4 54.6 0.2 0.4% 98.8% 53.3 53.4 0.1 0.2%	96.3%	53.5			0.7%	96.3%				0.2%	96.3%	54.8	54.9	0.1	0.2%	96.3%		54.6	-0.1	-0.1%
100.0% 53.1 53.1 0.0 0.0% 100.0% 53.8 53.8 -0.1 -0.1% 100.0% 54.2 54.6 0.4 0.7% 100.0% 53.1 53.4 0.2 0.4%																				
	100.0%	53.1	53.1	0.0	0.0%	100.0%	53.8	53.8	-0.1	-0.1%	100.0%	54.2	54.6	0.4	0.7%	100.0%	53.1	53.4	0.2	0.4%

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

						water ye thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Mav	Jun	Jul	Aua	Sep
, , , , , , , , , , , , , , , , , , , ,				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	55.4	51.0	46.1	44.5	46.2	49.7	53.4	56.4	57.1	57.9	58.8	58.9
Alternative A	55.0	50.8	46.3	44.7	46.3	49.7	53.8	56.5	57.1	57.9	58.6	58.6
Difference	-0.4	-0.2	0.2	0.2	0.0	0.0	0.5	0.1	0.0	0.0	-0.2	-0.3
Percent Difference ³	-0.7%	-0.4%	0.5%	0.5%	0.0%	0.1%	0.9%	0.1%	0.1%	0.0%	-0.3%	-0.5%
				Water Y	ear Types	2						
Vet (32%)												
No Action Alternative	54.8	51.4	46.2	44.6	45.9	48.7	52.3	56.1	56.9	57.9	58.2	56.7
Alternative A	54.7	51.2	46.5	44.8	46.0	48.7	52.5	55.9	56.8	58.1	58.3	56.7
Difference	-0.2	-0.2	0.4	0.1	0.0	0.0	0.1	-0.2	-0.2	0.2	0.2	0.0
Percent Difference	-0.3%	-0.4%	0.8%	0.3%	0.0%	0.1%	0.3%	-0.3%	-0.3%	0.3%	0.3%	-0.19
Above Normal (15%)												
No Action Alternative	54.5	50.7	46.5	44.8	46.3	49.8	53.7	57.1	56.4	56.9	58.3	58.0
Alternative A	54.2	50.6	46.9	45.0	46.3	49.9	54.0	56.8	56.6	57.0	58.4	58.1
Difference	-0.3	-0.1	0.4	0.2	0.0	0.0	0.3	-0.3	0.2	0.2	0.1	0.1
Percent Difference	-0.6%	-0.3%	0.8%	0.4%	0.0%	0.0%	0.5%	-0.5%	0.4%	0.3%	0.2%	0.2%
Below Normal (17%)												
No Action Alternative	54.2	50.4	46.4	44.3	45.8	49.6	53.9	56.5	56.7	57.2	57.9	58.9
Alternative A	53.8	50.3	46.5	44.5	45.9	49.6	54.5	56.7	56.8	57.3	58.0	58.5
Difference	-0.4	-0.2	0.1	0.2	0.0	0.0	0.6	0.2	0.1	0.1	0.1	-0.4
Percent Difference	-0.8%	-0.3%	0.2%	0.4%	0.0%	0.0%	1.0%	0.4%	0.2%	0.1%	0.1%	-0.79
Ory (22%)												
No Action Alternative	55.7	51.1	46.0	44.3	46.4	50.4	54.0	56.1	57.1	57.4	58.6	60.0
Alternative A	55.2	50.8	46.0	44.7	46.4	50.4	54.8	56.5	57.3	57.4	58.4	59.6
Difference	-0.5	-0.3	0.0	0.4	0.0	0.1	0.7	0.3	0.2	0.0	-0.3	-0.4
Percent Difference	-1.0%	-0.5%	0.0%	0.8%	0.0%	0.1%	1.4%	0.6%	0.3%	-0.1%	-0.4%	-0.79
Critical (15%)												
lo Action Alternative	58.6	50.7	45.2	44.3	47.0	50.8	53.6	56.9	58.4	60.5	62.0	63.1
Alternative A	57.9	50.5	45.3	44.6	47.1	50.8	54.4	57.2	58.4	60.0	60.5	62.1
Difference	-0.7	-0.3	0.2	0.2	0.1	0.1	0.8	0.3	0.0	-0.4	-1.5	-1.0
Percent Difference	-1.1%	-0.5%	0.4%	0.5%	0.2%	0.2%	1.5%	0.6%	0.0%	-0.7%	-2.4%	-1.69

1 Based on the 82-year simulation period

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



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

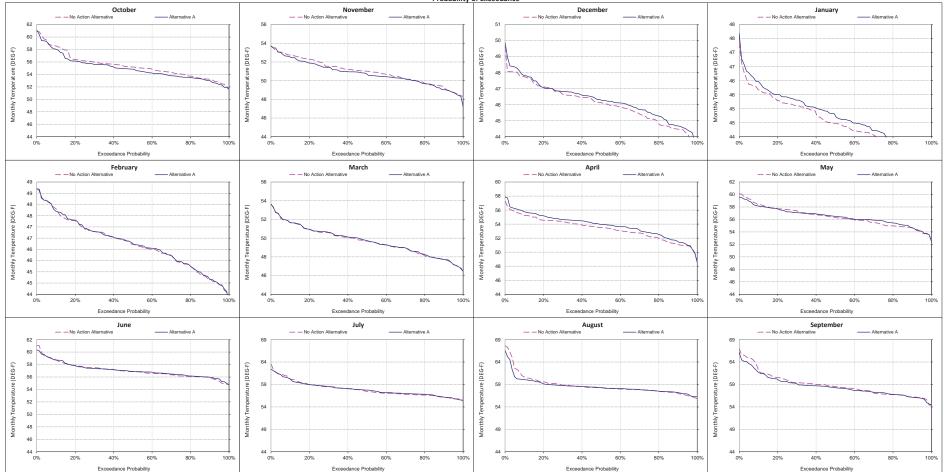


Table SQ-06-3b Sacramento River at Red Bluff, Monthly Temperature Probability of Exceedance

Octobe November January Percent Percent Percent Percent No Action Alternative Alternative A Absolute Relative Exceedance Relative Relative Relative Exceedance Difference Difference Difference Difference Monthly Temperature Difference (%) Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% 0.0% 60.9 61.1 0.3% 0.0% 53.7 53.7 0.1% 0.0% 49.6 49.9 47.7 1.2% 60.9 60.4 -0.4 -0.7% 1.2% 53.5 53.5 0.0 0.0% 1.2% 48.1 48.9 0.9 1.8% 1.2% 46.6 46.8 0.1 0.3% 2.5% 60.3 59.4 -1.4% 2.5% 53.2 53.5 0.5% 2.5% 48.1 48.4 0.7% 2.5% 46.3 46.6 0.6% 3.7% 3.7% 59.7 59.4 -0.3 -0.5% 3.7% 53.1 53.1 0.0 0.0% 3.7% 48.1 48.4 0.3 0.7% 46.1 46.3 0.3 0.6% 4.9% 59.5 59.3 -0.2 -0.4% 4.9% 53.1 53.0 0.0 -0.1% 4.9% 48.0 48.4 0.3 0.7% 4.9% 45.9 46.3 0.4 0.9% 6.2% 6.2% 6.2% 6.2% 58.8 58.9 0.1 0.2% 53.0 52.8 -0.3 -0.5% 48.0 48.3 0.3 0.5% 45.9 46.2 0.3 0.7% 7.4% -0.5% 7.4% 52.6 -0.3-0.5% 7.4% 47.8 0.6% 7.4% 45.8 46.1 0.3 0.6% 0.3 8.6% 8.6% 8.6% 8.6% 58.6 58.1 -0.5 -0.9% 52.8 52.6 -0.1 -0.3% 47.8 47 9 0.2% 45.8 46.0 0.4% 9.9% 11.1% 12.3% 9.9% -0.9% 11.1% 12.3% 58.4 57.9 -0.5 -0.8% 11.1% 52.7 52.5 -0.3 -0.5% 11.1% 47.7 47.8 0.1 0.2% 45.7 45.9 0.2 0.5% 13.6% 13.6% 13.6% 13.6% 0.3% 58.0 57.4 -0.6 -1.0% 52.6 522 -0 4 -0.7% 47.6 477 0.1 0.2% 45.6 45.7 0.2 -2.4% 47.3 16.0% 16.0% 16.0% 16.0% 57.9 56.5 -1.4 -2.4% 52.4 52.1 -0.4 -0.7% 47.3 47.5 0.2 0.4% 45.5 45.6 0.1 0.2% 18.5% 18.5% -0.7% 18.5% 18.5% 0.1 0.3% 56.4 56.2 -0.3 -0.5% 52.3 52.0 -0.4 47.2 47.1 0.0 0.0% 45.4 45.5 19.8% 21.0% 56.4 56.4 -0.3 -0.2 -0.5% -0.4% 51.9 51.9 -0.4 -0.4 19.8% 47.1 -0.1 -0.1 19.8% 21.0% 0.2 21.0% 47.0 56.1 52.2 -0.7% 47.1 -0.1% 45.3 45.5 0.5% 22.2% 23.5% 56.1 55.9 -0.3% 22.2% 23.5% -0.8% 22.2% 23.5% 22.2% 23.5% 45.4 -0.1 -0.1 0.2 51.8 -0.3 47.1 47.0 56.2 -0.3 -0.6% 52.1 -0.6% -0.1% 45.2 45.4 0.5% 24.7% 25.9% -0.6% 24.7% 25.9% -0.8% -0.7% 24.7% 25.9% 0.0% 24.7% 25.9% 56.2 51.6 47 N 47.0 45.2 45.4 0.2 56.1 55.8 -0.4 52.0 51.6 -0.4 46.8 0.1 45.2 0.5% 46.9 45.4 27.2% 28.4% 27.2% 28.4% 55.8 -0.6% 27.2% 51.4 -0.9% 27.2% 46.8 46.9 45.2 45.4 0.2 56.1 -0.3 -0.6% 28.4% 51.5 51.4 -0.1 -0.2% 28.4% 0.0 0.1% 0.2 0.5% 46.8 46.9 45.1 45.3 29.6% 30.9% -0.7% -0.5% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 51.4 51.4 -0.2% -0.2% 0.3% 45.3 45.3 0.2 46.8 0.4% 46.6 32.1% 55.9 55.6 -0.3 -0.5% 32.1% 51.5 51.2 -0.4 -0.7% 32.1% 46.6 46.8 0.2 0.5% 32.1% 45.1 45.3 0.2 0.5% 33.3% -0.2 -0.4% 33.3% 51.2 -0.7% 33.3% 46.6 0.2 0.4% 33.3% 45.2 0.2 0.4% 34.6% 55.8 55.6 -0.2 -0.3% 34.6% 51.5 51.2 -0.3 -0.6% 34.6% 46.6 46.8 0.2 0.5% 34.6% 45.0 45.1 0.1 0.2% 35.8% -0.4% 35.8% 51.0 35.8% 0.2 0.4% 35.8% 55.7 -0.6% 45.1 0.2% 37.0% 55.7 55.5 -0.2-0.3% 37.0% 51.3 51.0 -0.4 -0.7% 37.0% 46.5 46.7 0.2 0.3% 37.0% 45.0 45.1 0.1 0.2% 38.3% 55.7 38.3% 51.0 38.3% 38.3% 45.1 -0.6% 46.7 44.9 0.3% 39.5% 55.6 55.3 -0.4 -0.7% 39.5% 51.2 51.0 -0.3 -0.5% 39.5% 46.5 46.6 0.2 0.4% 39.5% 44.9 45.0 0.1 0.3% 40.7% 55.6 55.1 -0.5 -1.0% 40.7% 51.2 51.0 -0.3 -0.5% 40.7% 46.5 46.6 0.1 0.2% 40.7% 44.7 45.0 0.3 0.7% 42.0% 55.6 55.0 -0.6 -1.0% 42.0% 51.2 50.9 -0.2-0.5% 42.0% 46.5 46.6 0.2% 42.0% 44.7 45.0 0.3 0.6% 43.2% 55.5 55.0 -0.6 -1.0% 43.2% 51.1 50.9 -0.2 -0.4% 43.2% 46.4 46.6 0.1 0.2% 43.2% 44.6 45.0 0.3 0.7% 44.4% -0.5 -0.9% 44.4% 51.1 50.9 -0.2 -0.3% 44.4% 46.4 46.5 0.2% 44.4% 44.6 44.9 0.3 0.8% 45.7% 45.7% 45.7% 55.3 54.9 -0.4 -0.7% 51.1 50.9 -0.2 -0.4% 46.3 46.5 0.2 0.4% 45.7% 44.5 44.9 0.4 0.9% 46.9% 55.2 54.9 -0.6% 46.9% 51.0 50.8 -0.2-0.4% 46.9% 46.2 46.4 0.5% 46.9% 44.5 44.8 0.3 0.7% 0.4% 48.1% 49.4% 55.2 54.9 -0.3 -0.6% 48.1% 51.0 50.8 -0.2 -0.4% 48.1% 46.1 46.3 0.2 48.1% 44.5 44.8 0.3 0.8% -0.6% 49.4% 50.8 -0.2-0.4% 49.4% 46.1 46.3 0.4% 49.4% 44.5 44.8 0.4 0.8% 50.6% 50.6% 50.6% 55.2 54.8 -0.3 -0.6% 51.0 50.6 -0.4 -0.8% 46.1 46.3 0.2 0.3% 50.6% 44.5 44.7 0.2 0.5% 51.9% 54.6 54.6 -0.5-0.9% 51.9% 50.9 50.6 -0.4-0.7% 46.3 0.2 0.5% 51.9% 53.1% 44.6 0.2 0.4% 53.1% 53.1% 53.1% 55.0 0.4% -0.5 -0.9% 50.9 50.5 -0 4 -0.8% 46.0 46.2 44 4 446 0.4% 55.6% 56.8% 55.6% 55.6% 55.6% 55.0 54.4 -0.6 -1.0% 50.9 50.5 -0.4 -0.8% 46.0 46.2 0.3 0.6% 44.4 44.6 0.2 0.6% 58.0% 58.0% 58.0% 54.9 54.3 -0.7 -1.2% 50.7 50.4 -0.3 -0.6% 45.9 46.1 0.2 0.5% 58.0% 44.3 44.6 0.3 0.7% 60.5% 60.5% 60.5% 54.7 54.2 -0.5 -1.0% 50.7 50.4 -0.2 -0.5% 45.9 46.1 0.2 0.5% 60.5% 44.2 44.5 0.3 0.6% 61.7% -0.9% 61.7% 63.0% 63.0% 54.6 63.0% 63.0% 54.2 -0.4 -0.8% 50.5 50.4 -0.2 -0.3% 45.8 46.0 0.3 0.6% 44.2 44.5 0.3 0.6% 64.2% 65.4% 54.5 54.5 54.1 54.1 -0.7% -0.8% 64.2% 65.4% 50.3 64.2% 65.4% 45.8 45.7 64.2% 65.4% 44.2 44.2 0.3 -0.4 -0.2 45.9 0.3 44.4 0.6% 50.4 -0.3% 0.6% 66.7% 67.9% 54.5 54.4 66.7% 67.9% -0.3% -0.1% 66.7% 67.9% 45.8 45.8 0.5% 66.7% 67.9% 54.0 53.9 -0.5 -0.9% 50.4 50.3 -n 2 45.6 44.4 0.2 50.3 -0.5 0.3 44.1 44.4 -0.9% 50.3 -0.1 45.5 0.5% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 50.2 45.5 44.2 0.1 54.3 53.8 -1.0% 50.1 -0.6 0.0 -0.1% 45.4 45.7 0.3 0.7% 44.0 44.2 0.4% 50.2 71.6% 54.2 53.7 -0.4 -0.8% 71.6% 50.1 0.0% 71.6% 45.3 45.7 0.3 71.6% 44 0 442 0.2 72.8% 54.2 53.7 -0.4 -0.8% 72.8% 50.1 50.1 0.0 -0.1% 72.8% 45.3 45.7 0.4 0.8% 72.8% 44.0 44.2 0.2 0.5% -1.0% -0.8% 74.1% 75.3% 74.1% 75.3% 74.1% -0.1% 74.1% 0.9% 43.8 44.1 0.4 75.3% 75.3% 0.8% 0.0% 76.5% -0.5 -0.9% 76.5% 49.9 50.0 0.1% 76.5% 45.1 45.4 0.3 0.7% 76.5% 43.7 44.0 0.2 0.5% 77.8% -0.5% 77.8% 77.8% 0.3 77.8% 0.1 53.8 -0.2% 0.6% 43.8 0.2% 79.0% 53.7 -0.2 -0.4% 79.0% 49.8 49.7 -0.2 -0.3% 79.0% 45.0 45.3 0.3 0.7% 79.0% 43.7 43.8 0.0 0.1% 80.2% 53.7 -0.4% 80.2% 49.7 0.1% 80.2% 44.7 1.2% 80.2% 45.3 43.5 43.6 0.2% 81.5% 53.6 53.4 -0.2-0.4% 81.5% 49.6 49.6 0.0% 81.5% 44.7 45.2 1.2% 81.5% 43.5 43.6 0.0 0.1% 82.7% 53.5 53.4 -0.3% 82.7% 49.6 0.2% 82.7% 44.7 45.1 0.4 0.9% 82.7% 43.4 43.5 0.1 0.2% 84.0% 53.4 53.4 -0.1 -0.2% 84.0% 49.5 49.6 0.0 0.1% 84.0% 44.7 45.0 0.8% 84.0% 43.4 43.5 0.1 0.2% 85.2% 53.4 53.3 -0.1 -0.1% 85.2% 49.5 49.4 -0.1 -0.2% 85.2% 44.7 44.8 0.1 0.3% 85.2% 43.4 43.5 0.1 0.3% 86.4% 53.3 53.2 -0.2% 86.4% 49.5 49.2 -0.5% 86.4% 44.5 44.8 0.5% 86.4% 43.3 43.5 0.1 0.3% 87.7% 53.3 53.1 -0.2 -0.3% 87.7% 49 4 492 -0.2 -0.4% 87.7% 44.5 447 0.2 0.5% 87.7% 43.2 43.4 0.2 0.4% 88.9% 53.2 -0.2 -0.4% 88.9% 49.4 49.1 -0.4 -0.7% 88.9% 44.5 44.7 0.2 0.4% 88.9% 43.2 43.4 0.2 0.6% 90.1% 53.2 53.0 -0.2 -0.4% 90.1% 49.2 49.0 -0.2 -0.4% 90.1% 44.5 44.7 0.2 0.5% 90.1% 43.2 43.4 0.2 0.6% 91.4% 52.7 52.6 -0.8% 91.4% 49.0 0.1% 91.4% 44.5 44.6 91.4% 43.1 43.4 0.2 91.4% 92.6% 92.6% 52.9 -0.2 -0.4% 48.9 48.9 0.0 0.0% 44.4 44.6 0.1 0.3% 92.6% 43.1 43.4 0.6% 93.8% 52.5 48.8 0.1% 44.3 93.8% 0.2 52.9 -0.3-0.6% 93.8% 48.8 93.8% 44.5 0.2 0.6% 43.1 43.2 0.4% 95.1% 95.1% 95.1% 95.1% 52.7 52.4 -0.3 -0.6% 48.7 48.7 0.0 0.0% 44.2 44.4 0.2 0.6% 43.0 43.1 0.2 0.4% 96.3% 52.3 51.9 -0.4% 96.3% 48.6 48.6 -0.1% 96.3% 97.5% 43.9 44.3 0.5 1.1% 96.3% 97.5% 42.7 42.7 0.0 0.1% 97.5% 97.5% 0.6 0.2% 52.4 -0.5 -0.9% 48.6 48.4 -0 2 -0.3% 43.6 442 1.5% 42 6 427 -0.2% 98.8% 0.0% 100.0% 100.0% 100.0% 51.8 51.6 0.0 -0.3% 100.0% 48.3 47.2 -2.4% 42.2 42.4 0.5% 41.9 42.5 0.6 1.5%

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

									Probability	of Exceedance									
Percent		February			Percent		March			Percent		April			Percent		May		
Exceedance	No Action Alternative		Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative
Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
0.0%	(DEG-F) 48.7	(DEG-F) 48.7	0.0	-0.1%	(%) 0.0%	(DEG-F) 53.6	(DEG-F) 53.6	0.0	0.0%		(DEG-F) 57.3	(DEG-F) 57.9	0.6	1.1%	(%) 0.0%	(DEG-F) 60.1	(DEG-F) 59.6	-0.5	-0.8%
1.2%	48.6	48.7	0.1	0.2%	1.2%	53.3	53.3	0.0	-0.1%	1.2%	56.5	57.7	1.2	2.1%	1.2%	60.1	59.5	-0.6	-0.9%
2.5%	48.3	48.3	0.1	0.1%	2.5%	52.7	52.8	0.1	0.1%	2.5%	56.1	56.5	0.3	0.6%	2.5%	59.6	59.3	-0.3	-0.6%
3.7%	48.2 48.2	48.2 48.2	0.0	-0.1%	3.7% 4.9%	52.7 52.1	52.6 52.3	-0.1 0.2	-0.1% 0.3%	3.7% 4.9%	56.0 55.8	56.3 56.2	0.4	0.7%	3.7% 4.9%	59.6 59.3	59.2 59.0	-0.3 -0.3	-0.6% -0.6%
6.2%	48.1	48.1	0.0	0.1%	6.2%	52.0	52.3	0.2	0.0%	6.2%	55.7	56.1	0.4	0.7%	6.2%	59.2	58.8	-0.3	-0.7%
7.4%	48.0	48.0	0.0	0.0%	7.4%	51.9	52.0	0.0	0.1%	7.4%	55.5	56.0	0.5	0.9%	7.4%	58.7	58.4	-0.3	-0.6%
8.6% 9.9%	47.9 47.8	47.8 47.7	-0.1 -0.1	-0.2% -0.3%	8.6% 9.9%	51.9 51.7	51.9 51.7	0.0	0.0%	8.6% 9.9%	55.4 55.3	55.9 55.8	0.5 0.5	0.9%	8.6% 9.9%	58.6 58.4	58.2 58.2	-0.4	-0.7%
11.1%	47.6	47.7	0.0	0.1%	11.1%	51.7	51.7	0.0	0.0% 0.1%	11.1%	55.2	55.6	0.5	0.9%	11.1%	58.4	58.1	-0.2 -0.3	-0.4% -0.5%
12.3%	47.5	47.7	0.2	0.3%	12.3%	51.6	51.6	0.1	0.1%	12.3%	55.2	55.6	0.4	0.8%	12.3%	58.3	58.1	-0.2	-0.3%
13.6%	47.5	47.6	0.1	0.2%	13.6%	51.5	51.5	0.0	0.0%	13.6%	55.0	55.6	0.5	1.0%	13.6%	58.1	58.0	-0.1	-0.1%
14.8% 16.0%	47.4 47.3	47.5 47.4	0.2	0.4%	14.8% 16.0%	51.4 51.3	51.5 51.4	0.1	0.2%	14.8% 16.0%	55.0 55.0	55.6 55.5	0.6 0.5	1.0% 0.9%	14.8% 16.0%	58.0 57.9	57.9 57.9	-0.1 0.0	-0.2% 0.0%
17.3%	47.3	47.3	0.0	0.1%	17.3%	51.0	51.1	0.0	0.1%	17.3%	54.6	55.3	0.5	1.3%	17.3%	57.8	57.9	0.1	0.1%
18.5%	47.3	47.3	0.0	0.1%	18.5%	51.0	51.0	0.0	-0.1%	18.5%	54.6	55.2	0.6	1.1%	18.5%	57.8	57.8	0.0	0.0%
19.8%	47.3	47.3	0.0	0.1%	19.8%	51.0	51.0	0.0	0.0%	19.8%	54.6	55.2	0.6	1.2%	19.8%	57.7	57.8	0.1	0.1%
21.0% 22.2%	47.3 47.1	47.3 47.1	0.0	0.0%	21.0% 22.2%	50.9 50.8	50.9 50.8	0.0	0.1%	21.0% 22.2%	54.5 54.5	55.1 55.0	0.6 0.5	1.0% 0.8%	21.0% 22.2%	57.7 57.7	57.6 57.5	-0.1 -0.2	-0.2% -0.4%
23.5%	47.0	47.1	0.1	0.2%	23.5%	50.8	50.8	0.0	0.0%	23.5%	54.5	55.0	0.5	0.8%	23.5%	57.7	57.4	-0.3	-0.4%
24.7%	46.9	46.9	0.0	0.1%	24.7%	50.7	50.8	0.1	0.2%	24.7%	54.5	54.9	0.4	0.7%	24.7%	57.6	57.2	-0.4	-0.6%
25.9%	46.9	46.9	0.0	0.1%	25.9%	50.6	50.7	0.1	0.2%	25.9%	54.5	54.8	0.3	0.6%	25.9%	57.6	57.2	-0.3	-0.6%
27.2% 28.4%	46.9 46.8	46.8 46.8	0.0	-0.1% 0.0%	27.2% 28.4%	50.6 50.6	50.7 50.7	0.1 0.1	0.2%	27.2% 28.4%	54.5 54.4	54.8 54.7	0.3	0.6%	27.2% 28.4%	57.5 57.5	57.2 57.1	-0.3 -0.4	-0.5% -0.6%
29.6%	46.8	46.8	0.0	0.0%	29.6%	50.6	50.6	0.0	0.1%	29.6%	54.4	54.7	0.3	0.5%	29.6%	57.5	57.1	-0.4	-0.7%
30.9%	46.8	46.8	0.0	0.0%	30.9%	50.6	50.6	0.0	0.1%	30.9%	54.3	54.6	0.3	0.5%	30.9%	57.2	57.1	-0.2	-0.3%
32.1% 33.3%	46.8 46.8	46.8 46.8	0.0	0.0%	32.1% 33.3%	50.4 50.3	50.5 50.3	0.1 0.1	0.3%	32.1% 33.3%	54.2 54.2	54.6 54.6	0.4	0.8%	32.1% 33.3%	57.1 57.1	57.0 57.0	-0.1 -0.1	-0.1% -0.2%
34.6%	46.7	46.7	-0.1	-0.2%	34.6%	50.2	50.3	0.1	0.1%	34.6%	54.1	54.6	0.4	0.9%	34.6%	57.1	57.0	-0.1	-0.1%
35.8%	46.7	46.6	0.0	-0.1%	35.8%	50.2	50.3	0.1	0.2%	35.8%	54.0	54.6	0.5	0.9%	35.8%	56.9	57.0	0.1	0.2%
37.0%	46.6	46.6	0.0	0.0%	37.0%	50.1	50.3	0.1	0.3%	37.0%	54.0	54.5	0.5	0.9%	37.0%	56.9	57.0	0.1	0.2%
38.3% 39.5%	46.6 46.6	46.6 46.6	0.0	0.0%	38.3% 39.5%	50.1 50.1	50.2 50.1	0.1	0.2%	38.3% 39.5%	54.0 53.9	54.5 54.5	0.5 0.6	1.0%	38.3% 39.5%	56.8 56.8	56.9 56.9	0.1 0.2	0.2%
40.7%	46.5	46.5	0.0	0.0%	40.7%	50.1	50.1	0.0	0.0%	40.7%	53.8	54.4	0.6	1.2%	40.7%	56.7	56.8	0.1	0.2%
42.0%	46.5	46.5	0.0	0.1%	42.0%	50.0	50.1	0.1	0.1%	42.0%	53.8	54.4	0.6	1.1%	42.0%	56.7	56.8	0.1	0.2%
43.2% 44.4%	46.5 46.4	46.5 46.5	0.0	0.0%	43.2% 44.4%	50.0 49.9	50.1 50.0	0.1	0.2%	43.2% 44.4%	53.7 53.7	54.3 54.3	0.6	1.0%	43.2% 44.4%	56.7 56.7	56.8 56.7	0.1	0.1%
45.7%	46.4	46.4	0.0	-0.1%	45.7%	49.8	50.0	0.2	0.4%	45.7%	53.7	54.3 54.1	0.6	0.8%	45.7%	56.5	56.7	0.1	0.1%
46.9%	46.4	46.4	0.0	0.0%	46.9%	49.8	49.9	0.1	0.2%	46.9%	53.6	54.1	0.5	0.9%	46.9%	56.4	56.6	0.2	0.3%
48.1%	46.4	46.4	0.0	0.0%	48.1%	49.8	49.8	0.1	0.1%	48.1%	53.6	54.1	0.5	1.0%	48.1%	56.4	56.6	0.2	0.3%
49.4% 50.6%	46.2 46.2	46.3 46.2	0.1	0.1%	49.4% 50.6%	49.7 49.7	49.8 49.7	0.1 0.0	0.1%	49.4% 50.6%	53.5 53.5	54.0 54.0	0.5 0.5	0.9%	49.4% 50.6%	56.3 56.3	56.5 56.5	0.2 0.2	0.3% 0.4%
51.9%	46.2	46.2	0.0	0.1%	51.9%	49.6	49.6	0.0	0.0%	51.9%	53.5	53.9	0.4	0.8%	51.9%	56.2	56.4	0.2	0.4%
53.1%	46.1	46.2	0.1	0.1%	53.1%	49.6	49.6	0.0	0.0%	53.1%	53.4	53.9	0.4	0.8%	53.1%	56.2	56.4	0.2	0.4%
54.3%	46.1	46.2	0.0	0.1%	54.3%	49.5	49.5	0.0	0.0%	54.3%	53.4	53.9	0.5	0.9%	54.3%	56.2	56.4	0.2	0.4%
55.6% 56.8%	46.1 46.0	46.1 46.1	0.1	0.2%	55.6% 56.8%	49.4 49.4	49.4 49.3	0.0 -0.1	0.0% -0.2%	55.6% 56.8%	53.3 53.2	53.8 53.8	0.5 0.5	1.0%	55.6% 56.8%	56.1 56.1	56.3 56.2	0.2 0.1	0.4%
58.0%	46.0	46.1	0.0	0.1%	58.0%	49.4	49.3	0.0	-0.1%	58.0%	53.1	53.6	0.5	1.0%	58.0%	56.0	56.2	0.2	0.3%
59.3%	46.0	46.1	0.1	0.1%	59.3%	49.3	49.3	0.0	-0.1%	59.3%	53.1	53.6	0.6	1.1%	59.3%	56.0	56.1	0.1	0.2%
60.5% 61.7%	46.0 46.0	46.0 46.0	0.1	0.1%	60.5% 61.7%	49.2 49.1	49.3 49.2	0.0	0.1% 0.1%	60.5% 61.7%	53.0 53.0	53.6 53.6	0.6	1.1% 1.2%	60.5% 61.7%	55.9 55.9	56.0 56.0	0.1	0.2% 0.2%
63.0%	45.9	46.0	0.1	0.1%	63.0%	49.1	49.1	0.0	0.1%	63.0%	53.0	53.6	0.7	1.3%	63.0%	55.9	56.0	0.1	0.2%
64.2%	45.8	46.0	0.1	0.3%	64.2%	49.0	49.1	0.1	0.2%	64.2%	52.9	53.5	0.6	1.0%	64.2%	55.8	56.0	0.2	0.3%
65.4%	45.8	45.8	0.0	0.0%	65.4%	49.0	49.1	0.0	0.1%	65.4%	52.8	53.4	0.6	1.1%	65.4%	55.8	56.0	0.2	0.3%
66.7% 67.9%	45.8 45.8	45.8 45.8	0.0 -0.1	0.0% -0.2%	66.7% 67.9%	49.0 49.0	49.0 49.0	0.0	0.0%	66.7% 67.9%	52.8 52.8	53.4 53.4	0.6	1.2% 1.2%	66.7% 67.9%	55.8 55.6	56.0 56.0	0.2	0.3% 0.7%
69.1%	45.8	45.7	0.0	0.0%	69.1%	49.0	49.0	0.0	0.0%	69.1%	52.7	53.3	0.6	1.1%	69.1%	55.5	55.9	0.4	0.7%
70.4%	45.7	45.7	0.0	0.0%	70.4%	48.9	48.9	0.0	0.1%	70.4%	52.7	53.0	0.3	0.6%	70.4%	55.5	55.9	0.4	0.7%
71.6% 72.8%	45.5 45.5	45.6 45.5	0.0	0.1%	71.6% 72.8%	48.8 48.6	48.8 48.6	-0.1 0.0	-0.1% 0.1%	71.6% 72.8%	52.7 52.5	52.9 52.9	0.3 0.4	0.5%	71.6% 72.8%	55.4 55.4	55.9 55.9	0.4 0.5	0.8%
74.1%	45.4	45.5	0.0	0.1%	74.1%	48.6	48.6	0.0	0.1%	74.1%	52.3	52.8	0.5	1.0%	74.1%	55.1	55.8	0.7	1.3%
75.3%	45.4	45.5	0.0	0.1%	75.3%	48.5	48.6	0.1	0.1%	75.3%	52.2	52.8	0.6	1.1%	75.3%	55.1	55.7	0.6	1.1%
76.5% 77.8%	45.4 45.4	45.4 45.3	0.0	-0.1% -0.1%	76.5% 77.8%	48.4 48.3	48.6 48.4	0.2	0.4%	76.5% 77.8%	52.2 52.1	52.7 52.7	0.5 0.5	1.0%	76.5% 77.8%	55.0 55.0	55.6 55.5	0.6 0.5	1.1% 0.9%
77.8%	45.4 45.3	45.3 45.3	0.0	0.0%	77.8%	48.3	48.3	0.0	0.1%	79.0%	52.1	52.7	0.5	1.0%	77.8%	55.0	55.5 55.5	0.5	0.9%
80.2%	45.2	45.2	0.0	0.0%	80.2%	48.1	48.2	0.1	0.3%	80.2%	51.9	52.5	0.6	1.1%	80.2%	55.0	55.4	0.5	0.8%
81.5%	45.1	45.2	0.0	0.0%	81.5%	48.1	48.1	0.1	0.2%	81.5%	51.8	52.4	0.6	1.2%	81.5%	54.9	55.4	0.5	0.9%
82.7% 84.0%	45.0 45.0	45.1 45.0	0.1	0.2%	82.7% 84.0%	48.0 48.0	48.0 48.0	0.0	0.0%	82.7% 84.0%	51.7 51.5	52.1 52.0	0.4 0.5	0.8%	82.7% 84.0%	54.9 54.8	55.3 55.2	0.3 0.3	0.6%
85.2%	44.9	45.0	0.0	0.3%	85.2%	47.9	47.9	0.0	-0.1%	85.2%	51.5	51.9	0.5	0.9%	85.2%	54.8	55.2 55.1	0.3	0.5%
86.4%	44.8	44.9	0.0	0.1%	86.4%	47.8	47.8	0.0	0.0%	86.4%	51.3	51.8	0.4	0.9%	86.4%	54.8	55.1	0.3	0.5%
87.7%	44.8	44.8	0.0	0.1%	87.7%	47.8	47.8	0.0	0.0%	87.7%	51.3	51.7	0.5	0.9%	87.7%	54.8	55.1	0.3	0.6%
88.9% 90.1%	44.7 44.7	44.8 44.6	0.1	0.2% -0.1%	88.9% 90.1%	47.7 47.7	47.8 47.7	0.0	0.1%	88.9% 90.1%	51.2 51.1	51.7 51.5	0.5 0.4	1.0%	88.9% 90.1%	54.7 54.6	54.8 54.7	0.0	0.0%
91.4%	44.6	44.6	0.0	0.2%	91.4%	47.6	47.7	0.0	0.0%	91.4%	51.0	51.4	0.4	0.7%	91.4%	54.5	54.5	0.0	0.0%
92.6%	44.6	44.6	0.0	0.0%	92.6%	47.6	47.6	0.1	0.2%	92.6%	51.0	51.3	0.4	0.7%	92.6%	54.4	54.2	-0.2	-0.4%
93.8%	44.5	44.5	0.0	0.1%	93.8%	47.4	47.4	0.0	0.0%	93.8%	50.9	51.2	0.3	0.6%	93.8%	54.2	54.2	0.0	0.0%
95.1% 96.3%	44.4 44.4	44.4 44.4	0.0	0.0%	95.1% 96.3%	47.2 47.1	47.2 47.1	0.0	0.0%	95.1% 96.3%	50.9 50.8	51.0 50.9	0.1	0.1%	95.1% 96.3%	53.8 53.8	54.1 53.7	0.3	0.6%
97.5%	44.2	44.2	0.1	0.1%	97.5%	46.9	47.0	0.0	0.0%	97.5%	50.4	50.4	-0.1	-0.1%	97.5%	53.8	53.7	-0.1	-0.2%
98.8%	44.1	44.1	0.0	0.1%	98.8%	46.7	46.8	0.1	0.2%	98.8%	49.9	49.8	-0.1	-0.2%	98.8%	53.6	53.6	0.0	0.0%
100.0%	43.6	43.6	0.0	0.0%	100.0%	46.4	46.4	0.0	0.0%	100.0%	48.5	48.5	0.0	0.0%	100.0%	52.6	52.5	-0.1	-0.1%

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

August

September

Percent	No Action Alternative	Alternative A	Ab1-4-		Percent	No Action Alternation	Alta-mation A	Abashir		Percent	No Astron Altronolius	Alt	A h = = 1 - 4 =		Percent	No Action Alternation	Alt	Abarbas	
Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative
Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	61.1	60.3	-0.7	-1.2%	0.0%	63.6	62.4	-1.1	-1.8%	0.0%	67.6	66.6	-1.1	-1.6%	0.0%	67.0	66.1	-0.9	-1.3%
1.2%	61.0	60.2	-0.8	-1.4%	1.2%	62.4	62.1	-0.3	-0.5%	1.2%	67.3	65.2	-2.1	-3.1%	1.2%	65.6	64.5	-1.1	-1.7%
2.5%	59.9	59.6	-0.3	-0.5%	2.5%	61.8	61.8	0.0	0.0%	2.5%	66.3	64.5	-1.7	-2.6%	2.5%	65.5	64.2	-1.3	-2.1%
3.7%	59.5	59.6	0.2	0.3%	3.7%	61.4	61.4	0.0	0.1%	3.7%	65.0	62.3	-2.7	-4.1%	3.7%	65.1	64.1	-1.0	-1.5%
4.9%	59.4	59.4	0.0	0.0%	4.9%	61.3	61.2	0.0	-0.1%	4.9%	62.6	60.7	-1.9	-3.0%	4.9%	64.9	63.7	-1.2	-1.9%
6.2%	59.1	59.2	0.0	0.0%	6.2%	61.2	60.7	-0.4	-0.7%	6.2%	62.3	60.2	-2.1	-3.4%	6.2%	64.8	63.4	-1.4	-2.2%
7.4%	59.0	59.1	0.1	0.2%	7.4%	61.0	60.6	-0.3	-0.6%	7.4%	61.9	60.2	-1.7	-2.7%	7.4%	64.4	62.8	-1.6	-2.5%
8.6%	58.9	58.8	-0.1	-0.1%	8.6%	60.8	60.5	-0.3	-0.6%	8.6%	61.0	60.1	-0.9	-1.4%	8.6%	63.7	62.3	-1.4	-2.2%
9.9%	58.8	58.7	-0.1	-0.1%	9.9%	60.2	60.3	0.1	0.1%	9.9%	60.7	60.0	-0.6	-1.0%	9.9%	62.4	61.7	-0.7	-1.1%
11.1%	58.5	58.7	0.2	0.3%	11.1%	60.1	59.7	-0.4	-0.6%	11.1%	60.4	60.0	-0.4	-0.6%	11.1%	61.6	61.5	-0.1	-0.2%
12.3%	58.4	58.7	0.2	0.4%	12.3%	60.0	59.6	-0.5	-0.8%	12.3%	60.4	59.9	-0.5	-0.8%	12.3%	61.5	61.4	-0.1	-0.1%
13.6%	58.3	58.6	0.3	0.5%	13.6%	59.7	59.4	-0.3	-0.5%	13.6%	60.3	59.9	-0.4	-0.7%	13.6%	61.4	61.2	-0.3	-0.4%
14.8%	58.2	58.2	0.0	0.1%	14.8%	59.5	59.4 59.3	-0.1	-0.2%	14.8% 16.0%	60.0	59.8	-0.2	-0.4%	14.8%	61.3	60.6	-0.7 -0.7	-1.1%
16.0% 17.3%	58.2 58.0	58.0 58.0	-0.1 0.0	-0.2% 0.1%	16.0% 17.3%	59.4 59.3	59.3	-0.1 -0.2	-0.2% -0.4%	16.0%	60.0 59.8	59.6 59.6	-0.4 -0.2	-0.7% -0.3%	16.0% 17.3%	61.1 60.8	60.5 60.3	-0.7	-1.1% -0.8%
							59.1			18.5%									-0.6%
18.5% 19.8%	57.9 57.9	57.9 57.9	0.0	0.0%	18.5% 19.8%	59.2 59.0	59.1	-0.1 0.0	-0.2% 0.0%	18.5%	59.6 59.6	59.4 59.2	-0.2 -0.4	-0.4% -0.6%	18.5% 19.8%	60.6 60.5	60.3 60.2	-0.4 -0.3	-0.6%
21.0%	57.9 57.9	57.9	-0.2	-0.4%	21.0%	58.9	58.9	0.0	-0.1%	21.0%	59.5	59.2	-0.4	-0.8%	21.0%	60.5	59.8	-0.3	-1.2%
22.2%	57.7	57.6	-0.2	-0.4%	22.2%	58.9	58.9	0.0	0.0%	22.2%	59.3	59.0	-0.3	-0.5%	22.2%	60.2	59.7	-0.6	-0.9%
23.5%	57.7	57.6	-0.1	-0.2%	23.5%	58.8	58.8	-0.1	-0.1%	23.5%	59.3	59.0	-0.3	-0.5%	23.5%	60.2	59.7	-0.5	-0.9%
24.7%	57.5	57.5	0.0	0.0%	24.7%	58.7	58.8	0.1	0.2%	24.7%	59.2	58.9	-0.3	-0.5%	24.7%	60.0	59.7	-0.3	-0.5%
25.9%	57.5	57.4	-0.1	-0.2%	25.9%	58.5	58.7	0.1	0.3%	25.9%	59.2	58.9	-0.3	-0.6%	25.9%	59.9	59.4	-0.5	-0.9%
27.2%	57.5	57.4	-0.1	-0.2%	27.2%	58.5	58.7	0.2	0.3%	27.2%	59.1	58.8	-0.3	-0.5%	27.2%	59.5	59.4	-0.1	-0.3%
28.4%	57.5	57.4	-0.1	-0.2%	28.4%	58.5	58.6	0.2	0.2%	28.4%	59.1	58.8	-0.3	-0.5%	28.4%	59.4	59.3	-0.1	-0.2%
29.6%	57.5	57.3	-0.1	-0.2%	29.6%	58.5	58.5	0.0	0.1%	29.6%	58.8	58.8	-0.3	-0.5%	29.6%	59.4	59.3	-0.1	-0.2%
30.9%	57.5 57.5	57.3	-0.1	-0.3%	30.9%	58.5	58.5	0.0	0.1%	30.9%	58.8	58.7	-0.1	-0.1%	30.9%	59.4	58.9	-0.2	-0.8%
32.1%	57.4	57.3	-0.1	-0.2%	32.1%	58.5	58.4	-0.1	-0.1%	32.1%	58.8	58.7	-0.1	-0.2%	32.1%	59.3	58.9	-0.5	-0.8%
33.3%	57.4	57.3	-0.1	-0.1%	33.3%	58.4	58.2	-0.2	-0.3%	33.3%	58.8	58.7	-0.1	-0.2%	33.3%	59.3	58.8	-0.5	-0.8%
34.6%	57.3	57.3	0.0	0.0%	34.6%	58.3	58.2	0.0	-0.1%	34.6%	58.7	58.6	0.0	0.0%	34.6%	59.3	58.8	-0.5	-0.9%
35.8%	57.3	57.3	0.0	0.0%	35.8%	58.2	58.2	0.0	0.0%	35.8%	58.7	58.6	0.0	0.0%	35.8%	59.2	58.8	-0.5	-0.8%
37.0%	57.3	57.2	0.0	-0.1%	37.0%	58.1	58.2	0.1	0.1%	37.0%	58.6	58.6	0.0	0.0%	37.0%	59.2	58.7	-0.5	-0.8%
38.3%	57.2	57.2	0.0	-0.1%	38.3%	58.1	58.2	0.0	0.1%	38.3%	58.6	58.6	0.0	0.0%	38.3%	59.1	58.7	-0.4	-0.7%
39.5%	57.2	57.2	0.0	-0.1%	39.5%	58.1	58.1	0.0	0.0%	39.5%	58.6	58.6	0.0	0.0%	39.5%	59.0	58.7	-0.3	-0.5%
40.7%	57.1	57.1	0.0	0.0%	40.7%	58.0	58.1	0.1	0.1%	40.7%	58.6	58.6	0.0	0.0%	40.7%	59.0	58.7	-0.3	-0.5%
42.0%	57.1	57.1	0.0	0.0%	42.0%	58.0	58.0	0.1	0.1%	42.0%	58.4	58.5	0.1	0.2%	42.0%	59.0	58.6	-0.3	-0.6%
43.2%	57.0	57.1	0.1	0.1%	43.2%	57.9	57.9	0.0	0.0%	43.2%	58.3	58.5	0.1	0.2%	43.2%	59.0	58.6	-0.3	-0.5%
44.4%	57.0	57.0	0.1	0.1%	44.4%	57.9	57.9	0.0	0.0%	44.4%	58.3	58.4	0.1	0.2%	44.4%	59.0	58.6	-0.4	-0.6%
45.7%	57.0	57.0	0.1	0.1%	45.7%	57.8	57.9	0.0	0.1%	45.7%	58.3	58.4	0.1	0.2%	45.7%	58.8	58.6	-0.2	-0.3%
46.9%	57.0	57.0	0.0	0.1%	46.9%	57.7	57.8	0.1	0.3%	46.9%	58.3	58.4	0.1	0.2%	46.9%	58.7	58.4	-0.2	-0.4%
48.1%	56.9	56.9	0.1	0.1%	48.1%	57.6	57.8	0.1	0.2%	48.1%	58.3	58.3	0.0	0.0%	48.1%	58.6	58.4	-0.2	-0.4%
49.4%	56.9	56.9	0.0	0.0%	49.4%	57.5	57.7	0.3	0.5%	49.4%	58.3	58.3	0.0	0.0%	49.4%	58.5	58.3	-0.2	-0.3%
50.6%	56.8	56.9	0.1	0.1%	50.6%	57.5	57.7	0.3	0.5%	50.6%	58.2	58.3	0.0	0.0%	50.6%	58.5	58.3	-0.2	-0.4%
51.9%	56.8	56.9	0.1	0.1%	51.9%	57.4	57.6	0.3	0.5%	51.9%	58.2	58.2	-0.1	-0.1%	51.9%	58.4	58.2	-0.2	-0.3%
53.1%	56.8	56.9	0.0	0.1%	53.1%	57.3	57.6	0.3	0.5%	53.1%	58.2	58.1	-0.1	-0.1%	53.1%	58.4	58.2	-0.2	-0.3%
54.3%	56.8	56.8	0.1	0.1%	54.3%	57.2	57.5	0.3	0.6%	54.3%	58.2	58.1	0.0	0.0%	54.3%	58.3	58.1	-0.2	-0.3%
55.6%	56.8	56.8	0.1	0.1%	55.6%	57.2	57.5	0.3	0.6%	55.6%	58.1	58.1	0.0	0.0%	55.6%	58.3	58.1	-0.2	-0.4%
56.8%	56.6	56.8	0.2	0.3%	56.8%	57.1	57.2	0.1	0.2%	56.8%	58.1	58.1	0.0	0.1%	56.8%	58.2	58.0	-0.2	-0.4%
58.0%	56.6	56.8	0.2	0.3%	58.0%	57.1	57.2	0.2	0.3%	58.0%	58.1	58.1	0.1	0.1%	58.0%	58.2	57.9	-0.3	-0.5%
59.3%	56.6	56.8	0.2	0.4%	59.3%	57.0	57.2	0.2	0.3%	59.3%	58.0	58.1	0.1	0.2%	59.3%	58.1	57.7	-0.4	-0.8%
60.5%	56.6	56.7	0.2	0.3%	60.5%	57.0	57.2	0.2	0.3%	60.5%	58.0	58.1	0.1	0.2%	60.5%	58.0	57.6	-0.4	-0.7%
61.7%	56.6	56.7	0.1	0.2%	61.7%	57.0	57.2	0.2	0.3%	61.7%	57.9	58.1	0.1	0.2%	61.7%	57.9	57.6	-0.3	-0.5%
63.0%	56.6	56.6	0.1	0.2%	63.0%	57.0	57.1	0.1	0.2%	63.0%	57.9	58.0	0.1	0.2%	63.0%	57.7	57.6	-0.1	-0.2%
64.2%	56.5	56.6	0.1	0.2%	64.2%	57.0	57.1	0.1	0.1%	64.2%	57.9	58.0	0.0	0.1%	64.2%	57.7	57.5	-0.1	-0.3%
65.4%	56.5	56.6	0.1	0.2%	65.4%	57.0	57.1	0.1	0.2%	65.4%	57.9	57.9	0.0	0.1%	65.4%	57.7	57.5	-0.2	-0.3%
66.7%	56.5	56.6	0.1	0.1%	66.7%	56.9	57.1	0.1	0.3%	66.7%	57.9	57.9	0.0	0.1%	66.7%	57.6	57.5	-0.2	-0.3%
67.9%	56.4	56.6	0.1	0.2%	67.9%	56.9	57.0	0.2	0.3%	67.9%	57.9	57.9	0.0	0.0%	67.9%	57.6	57.4	-0.2	-0.3%
69.1% 70.4%	56.4 56.3	56.5 56.5	0.1 0.1	0.2%	69.1% 70.4%	56.8 56.8	57.0 57.0	0.2	0.4%	69.1% 70.4%	57.9 57.8	57.9 57.8	0.0	0.0%	69.1% 70.4%	57.4 57.0	57.3 57.3	-0.1 0.2	-0.2%
																			0.4%
71.6% 72.8%	56.3 56.2	56.4 56.4	0.1	0.2%	71.6% 72.8%	56.8 56.7	57.0 56.9	0.2	0.4%	71.6% 72.8%	57.8 57.7	57.8 57.8	-0.1 0.0	-0.1% 0.1%	71.6% 72.8%	57.0 56.9	57.2 57.2	0.2	0.4%
72.8%	56.2 56.2	56.4 56.4	0.2	0.4%	72.8%	56.7 56.7	56.9 56.9	0.2	0.4%	72.8% 74.1%	57.7 57.7	57.8 57.7	0.0	0.1%	72.8% 74.1%	56.9 56.9	57.2 57.2	0.3	0.5%
74.1% 75.3%	56.2 56.2	56.4 56.4	0.2	0.4%	74.1% 75.3%	56.7 56.7	56.9	0.2	0.3%	74.1% 75.3%	57.7 57.7	57.7 57.7	0.0	0.0%	74.1% 75.3%	56.9 56.8	57.2 57.1	0.3	0.5%
75.3% 76.5%	56.2 56.1	56.4 56.3	0.2	0.3%	75.3%	56.7 56.7	56.9 56.9	0.2	0.3%	75.3% 76.5%	57.7 57.7	57.7 57.6	0.0	0.0%	75.3% 76.5%	56.8 56.8	57.1 57.0	0.3	0.5%
77.8%	56.1	56.3	0.2	0.3%	77.8%	56.7	56.8	0.2	0.4%	77.8%	57.6	57.6	0.0	0.0%	77.8%	56.8	56.9	0.2	0.4%
79.0%	56.1	56.1	0.2	0.3%	77.8%	56.6	56.8	0.2	0.3%	77.6%	57.5	57.6	0.0	0.0%	77.8%	56.8	56.8	0.1	0.2%
80.2%	56.1	56.1	0.1	0.1%	80.2%	56.6	56.8	0.2	0.3%	80.2%	57.5	57.5	0.0	0.0%	80.2%	56.7	56.8	0.1	0.1%
81.5%	56.1	56.1	0.1	0.1%	81.5%	56.6	56.7	0.2	0.3%	81.5%	57.5 57.4	57.5	0.0	0.0%	81.5%	56.7	56.7	0.1	0.1%
82.7%	56.0	56.1	0.1	0.1%	82.7%	56.6	56.7	0.1	0.2%	82.7%	57.4	57.4	0.0	0.1%	82.7%	56.7	56.7	0.0	0.1%
84.0%	56.0	56.1	0.1	0.1%	84.0%	56.5	56.7	0.1	0.2%	84.0%	57.4	57.4	0.1	0.1%	84.0%	56.6	56.7	0.0	0.1%
85.2%	56.0	56.1	0.0	0.1%	85.2%	56.5	56.5	0.1	0.1%	85.2%	57.3	57.4	0.1	0.1%	85.2%	56.6	56.6	0.0	0.1%
86.4%	56.0	56.0	0.0	0.0%	86.4%	56.4	56.4	0.0	0.0%	86.4%	57.2	57.4	0.1	0.2%	86.4%	56.5	56.5	0.0	0.1%
87.7%	56.0	56.0	0.0	0.1%	87.7%	56.4	56.3	-0.1	-0.2%	87.7%	57.2	57.3	0.1	0.2%	87.7%	56.2	56.3	0.0	0.1%
88.9%	56.0	56.0	0.0	0.1%	88.9%	56.3	56.2	-0.1	-0.1%	88.9%	57.2	57.2	0.0	0.0%	88.9%	56.2	56.2	0.0	-0.1%
90.1%	55.9	56.0	0.1	0.1%	90.1%	56.3	56.2	-0.1	-0.1%	90.1%	56.9	57.2	0.2	0.4%	90.1%	56.2	56.1	-0.1	-0.1%
91.4%	55.7	55.9	0.2	0.2%	91.4%	56.1	56.1	0.1	0.1%	91.4%	56.9	57.1	0.2	0.4%	91.4%	56.2	56.1	-0.1	-0.1%
92.6%	55.6	55.7	0.2	0.3%	92.6%	56.0	56.1	0.0	0.1%	92.6%	56.8	56.9	0.1	0.2%	92.6%	56.1	56.0	-0.1	-0.1%
93.8%	55.5	55.7	0.2	0.4%	93.8%	55.9	56.1	0.2	0.4%	93.8%	56.6	56.9	0.3	0.5%	93.8%	56.1	56.0	-0.1	-0.1%
95.1%	55.3	55.7	0.4	0.7%	95.1%	55.8	55.8	0.0	0.1%	95.1%	56.5	56.8	0.3	0.5%	95.1%	56.0	55.9	-0.1	-0.2%
96.3%	55.0	55.3	0.3	0.5%	96.3%	55.8	55.8	0.0	0.0%	96.3%	56.3	56.5	0.2	0.4%	96.3%	55.9	55.7	-0.2	-0.4%
97.5%	55.0	55.2	0.3	0.5%	97.5%	55.8	55.6	-0.2	-0.3%	97.5%	56.2	56.3	0.1	0.1%	97.5%	55.6	55.0	-0.6	-1.1%
98.8%	54.9	55.0	0.1	0.2%	98.8%	55.7	55.5	-0.1	-0.2%	98.8%	56.0	56.3	0.3	0.5%	98.8%	54.5	54.6	0.2	0.3%
100.0%	54.8	54.8	0.0	0.0%	100.0%	55.6	55.4	-0.2	-0.3%	100.0%	55.9	56.3	0.4	0.7%	100.0%	54.3	54.5	0.2	0.3%

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

						thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Mav	Jun	Jul	Aua	Sep
				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	55.4	51.0	46.1	44.5	46.2	49.7	53.4	56.5	57.1	57.9	58.8	59.0
Alternative A	55.0	50.8	46.3	44.7	46.3	49.7	53.9	56.5	57.1	58.0	58.6	58.7
Difference	-0.4	-0.2	0.2	0.2	0.0	0.0	0.5	0.1	0.0	0.0	-0.2	-0.3
Percent Difference ³	-0.7%	-0.4%	0.5%	0.5%	0.0%	0.1%	0.9%	0.1%	0.1%	0.0%	-0.3%	-0.5%
				Water Y	ear Types	2						
Wet (32%)												
No Action Alternative	54.8	51.4	46.1	44.6	45.9	48.7	52.3	56.1	56.9	58.0	58.2	56.7
Alternative A	54.7	51.2	46.5	44.8	46.0	48.7	52.5	55.9	56.8	58.1	58.3	56.7
Difference	-0.2	-0.2	0.4	0.1	0.0	0.0	0.1	-0.2	-0.2	0.2	0.2	0.0
Percent Difference	-0.3%	-0.4%	0.8%	0.3%	0.0%	0.1%	0.3%	-0.3%	-0.3%	0.3%	0.3%	-0.19
Above Normal (15%)												
No Action Alternative	54.5	50.7	46.5	44.8	46.3	49.9	53.8	57.1	56.4	56.9	58.3	58.0
Alternative A	54.2	50.6	46.9	45.0	46.3	49.9	54.1	56.8	56.7	57.1	58.4	58.1
Difference	-0.3	-0.1	0.4	0.2	0.0	0.0	0.3	-0.3	0.2	0.2	0.1	0.1
Percent Difference	-0.6%	-0.3%	0.8%	0.4%	0.0%	0.0%	0.5%	-0.5%	0.4%	0.3%	0.2%	0.2%
Below Normal (17%)												
No Action Alternative	54.2	50.4	46.4	44.3	45.9	49.6	53.9	56.6	56.7	57.3	57.9	59.0
Allemative A	53.8	50.3	46.4	44.5	45.9	49.6	54.5	56.8	56.8	57.4	58.0	58.5
Difference	-0.4	-0.2	0.1	0.2	0.0	0.0	0.6	0.2	0.1	0.1	0.1	-0.4
Percent Difference	-0.8%	-0.3%	0.2%	0.4%	0.0%	0.0%	1.0%	0.4%	0.2%	0.1%	0.1%	-0.7%
Dry (22%)												
No Action Alternative	55.7	51.1	46.0	44.3	46.4	50.4	54.1	56.2	57.1	57.5	58.6	60.0
Alternative A	55.2	50.8	46.0	44.7	46.4	50.4	54.8	56.5	57.3	57.4	58.4	59.6
Difference	-0.5	-0.3	0.0	0.4	0.0	0.0	0.7	0.3	0.1	0.0	-0.3	-0.4
Percent Difference	-1.0%	-0.5%	0.0%	0.8%	0.0%	0.1%	1.4%	0.6%	0.3%	-0.1%	-0.4%	-0.7%
Critical (15%)		•			•							
No Action Alternative	58.6	50.7	45.2	44.3	47.1	50.8	53.7	56.9	58.4	60.5	62.0	63.1
Alternative A	58.0	50.5	45.3	44.6	47.1	50.9	54.5	57.2	58.4	60.1	60.5	62.1
Difference	-0.7	-0.3	0.2	0.2	0.1	0.1	0.8	0.3	0.0	-0.4	-1.5	-1.0
Percent Difference	-1.1%	-0.5%	0.4%	0.5%	0.2%	0.2%	1.5%	0.6%	0.0%	-0.7%	-2.4%	-1.69

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



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

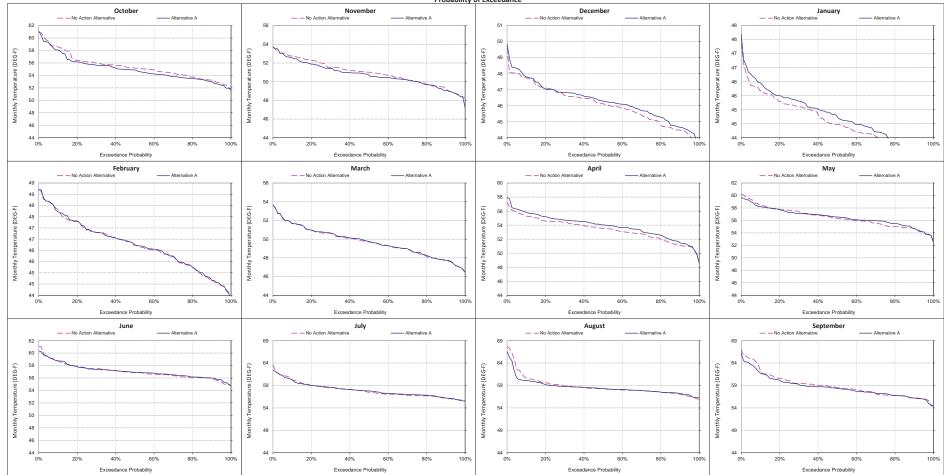


Table SO-07-3b Sacramento River below Red Bluff, Monthly Temperature Probability of Exceedanc

November

Octobe

January Percent Percent Percent Percent No Action Alternative Alternative A Absolute Relative Exceedance Relative Relative Relative Exceedance Difference Difference Difference Difference Monthly Temperature Difference (%) Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% 0.0% 60.9 61.1 0.3% 0.0% 53.7 53.7 0.1% 0.0% 49.6 49.8 47.7 1.2% 60.9 60.4 -0.4 -0.7% 1.2% 53.5 53.5 0.0 0.0% 1.2% 48.1 48.9 0.9 1.8% 1.2% 46.6 46.8 0.1 0.3% 2.5% 60.3 59.4 -1.4% 2.5% 53.2 53.5 0.5% 2.5% 48.1 48.4 0.7% 2.5% 46.3 46.6 0.6% 3.7% 3.7% 59.7 59.4 -0.3 -0.5% 3.7% 53.1 53.0 0.0 0.0% 3.7% 48.0 48.4 0.3 0.7% 46.1 46.3 0.3 0.6% 4.9% 59.5 59.3 -0.2 -0.4% 4.9% 53.1 53.0 0.0 -0.1% 4.9% 48.0 48.3 0.3 0.7% 4.9% 45.9 46.3 0.4 0.9% 6.2% 6.2% 6.2% 6.2% 58.8 58.9 0.1 0.2% 53.0 52.8 -0.2 -0.5% 48.0 48.3 0.3 0.5% 45.8 46.2 0.3 0.7% 7.4% -0.5% 7.4% 52.6 -0.3-0.5% 7.4% 47.8 0.6% 7.4% 45.8 46.1 0.3 0.6% 0.3 8.6% 8.6% 8.6% 8.6% 58.6 58.1 -0.5 -0.9% 52.8 52.6 -0.1 -0.3% 47.8 47 9 0.3% 45.8 46.0 0.4% 9.9% 11.1% 12.3% 9.9% -0.9% 11.1% 12.3% 58.4 57.9 -0.5 -0.9% 11.1% 52.7 52.5 -0.3 -0.5% 11.1% 47.7 47.8 0.1 0.2% 45.7 45.9 0.2 0.5% 13.6% 13.6% 13.6% -0.7% 13.6% 0.3% 58.0 57.4 -0.6 -1.0% 52.6 522 -0 4 47.6 477 0.1 0.2% 45.6 45.7 0.2 -2.3% 47.3 16.0% 16.0% 16.0% 16.0% 57.9 56.5 -1.4 -2.4% 52.4 52.1 -0.4 -0.7% 47.3 47.5 0.2 0.4% 45.5 45.6 0.1 0.2% 18.5% 18.5% -0.7% 18.5% 18.5% 0.1 0.3% 56.5 56.2 -0.3 -0.5% 52.3 52.0 -0.4 47.2 47.1 0.0 0.0% 45.4 45.5 19.8% 21.0% 56.4 56.4 -0.3 -0.3 -0.5% 51.9 51.9 -0.4 -0.4 19.8% 47.1 -0.1 -0.1 19.8% 21.0% 0.2 21.0% 56.1 -0.5% 52.2 -0.7% 47.1 47.0 -0.2% 45.3 45.5 0.5% 22.2% 23.5% 56.1 55.9 -0.3% 22.2% 23.5% -0.8% 22.2% 23.5% -0.1% -0.1% 22.2% 23.5% 45.4 -0.1 -0.1 0.2 51.8 -0.3 47.1 47.0 56.2 -0.3 -0.5% 52.1 -0.6% 45.2 45.4 0.5% 24.7% 25.9% -0.6% 24.7% 25.9% 24.7% 25.9% 0.0% 24.7% 25.9% 56.2 51.6 -0.8% 47 N 47.0 45.2 45.4 0.2 56.2 55.8 -0.4 51.6 -0.4 -0.8% 46.8 0.1 45.2 0.5% 52.0 46.9 45.4 27.2% 28.4% 27.2% 28.4% 55.8 -0.6% 27.2% 51.4 -0.9% 27.2% 46.8 46.8 45.2 45.4 0.2 56.1 -0.3 -0.6% 28.4% 51.5 51.4 -0.1 -0.2% 28.4% 0.0 0.1% 0.2 0.5% 46.8 46.8 45.1 45.3 29.6% 30.9% -0.6% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 51.4 51.4 -0.2% -0.3% 45.3 45.3 0.2 46.8 0.4% 0.4% 46.6 32.1% 55.9 55.6 -0.3 -0.5% 32.1% 51.5 51.2 -0.3 -0.7% 32.1% 46.6 46.8 0.2 0.5% 32.1% 45.1 45.3 0.2 0.4% 33.3% -0.2 -0.3% 33.3% 51.2 -0.7% 33.3% 46.6 0.2 0.5% 33.3% 45.2 0.2 0.4% 34.6% 55.8 -0.2 -0.3% 34.6% 51.5 51.2 -0.3 -0.6% 34.6% 46.6 46.8 0.2 0.5% 34.6% 45.0 45.1 0.1 0.2% 35.8% -0.3% 35.8% 51.0 35.8% 0.2 35.8% 55.8 -0.7% 0.4% 45.1 0.2% 37.0% 55.7 55.5 -0.2-0.3% 37.0% 51.3 51.0 -0.4 -0.7% 37.0% 46.5 46.7 0.2 0.3% 37.0% 45.0 45.1 0.1 0.2% 38.3% 55.7 38.3% 51.0 38.3% 38.3% 45.1 -0.6% 46.7 44.9 0.3% 39.5% 55.6 55.3 -0.4 -0.7% 39.5% 51.2 51.0 -0.3 -0.5% 39.5% 46.4 46.6 0.2 0.4% 39.5% 44.9 45.0 0.1 0.3% 40.7% 55.6 55.1 -1.0% 40.7% 51.2 51.0 -0.3 -0.5% 40.7% 46.4 46.6 0.1 0.2% 40.7% 44.7 45.0 0.3 0.7% 42.0% 55.6 55.0 -0.6 -1.0% 42.0% 51.2 50.9 -0.2-0.5% 42.0% 46.4 46.5 0.2% 42.0% 44.7 45.0 0.3 0.6% -0.4% 43.2% 55.6 55.0 -0.6 -1.0% 43.2% 51.1 50.9 -0.2 43.2% 46.4 46.5 0.1 0.2% 43.2% 44.6 45.0 0.3 0.7% 44.4% -0.5 -0.9% 44.4% 51.1 50.9 -0.2 -0.4% 44.4% 46.4 46.5 0.2% 44.4% 44.6 44.9 0.3 0.8% 45.7% 45.7% 45.7% 55.3 54.9 -0.4 -0.7% 51.1 50.9 -0.2 -0.3% 46.3 46.5 0.2 0.4% 45.7% 44.5 44.9 0.4 0.9% 46.9% 55.3 54.9 -0.6% 46.9% 51.1 50.8 -0.2-0.4% 46.9% 46.2 46.4 0.5% 46.9% 44.5 44.8 0.3 0.7% 0.4% 48.1% 55.2 54.9 -0.3 -0.6% 48.1% 51.0 50.8 -0.2 -0.4% 48.1% 46.1 46.3 0.2 48.1% 44.5 44.8 0.3 0.8% 49.4% -0.6% 49.4% 50.8 -0.2-0.4% 49.4% 46.1 46.3 0.4% 49.4% 44.5 44.8 0.3 0.8% 50.6% 50.6% 50.6% 55.2 54.8 -0.3 -0.6% 51.0 50.6 -0.4 -0.8% 46.1 46.3 0.2 0.4% 50.6% 44.5 44.7 0.2 0.5% 51.9% 55.1 55.1 54.6 54.6 -0.5-0.9% 51.9% 50.9 50.6 -0.4-0.7% 46.0 0.2 0.4% 51.9% 53.1% 44.6 0.2 0.4% 53.1% 53.1% 53.1% -0.5 -0.9% 50.9 50.5 -0 4 -0.8% 46.0 46.2 0.4% 44 4 446 0.4% 55.6% 56.8% 55.6% 55.6% 55.6% 55.0 54.5 -0.6 -1.0% 50.9 50.5 -0.4 -0.8% 46.0 46.2 0.3 0.5% 44.4 44.6 0.2 0.5% 58.0% 58.0% 58.0% 55.0 54.3 -0.7 -1.2% 50.7 50.4 -0.3 -0.6% 45.9 46.1 0.2 0.4% 58.0% 44.3 44.6 0.3 0.7% 60.5% 60.5% 60.5% 54.8 54.2 -0.5 -1.0% 50.7 50.4 -0.2 -0.5% 45.8 46.1 0.3 0.6% 60.5% 44.2 44.5 0.3 0.6% -0.9% 61.7% 63.0% 63.0% 54.6 63.0% 63.0% 54.2 -0.4 -0.8% 50.5 50.4 -0.1 -0.3% 45.8 46.0 0.3 0.6% 44.2 44.5 0.3 0.7% 64.2% 65.4% 54.6 54.5 54.2 54.1 -0.8% 64.2% 65.4% 50.3 64.2% 65.4% 64.2% 65.4% 44.2 44.1 0.3 -0.4 -0.2 45.9 0.3 44.4 0.6% -0.8% 50.4 -0.3% 45.6 0.6% 66.7% 67.9% 54.5 54.4 66.7% 67.9% -0.3% -0.1% 66.7% 67.9% 45.8 45.8 0.5% 66.7% 67.9% 54.0 53.9 -0.5 -0.9% 50.4 50.3 -n 2 45.6 44.4 0.2 50.3 -0.5 0.3 44.3 -0.9% 50.3 -0.1 45.5 44.1 0.5% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 45.5 44.2 0.1 54.4 53.8 -1.0% -0.6 50.1 0.0 -0.1% 45.4 45.7 0.3 0.7% 44.0 44.2 0.4% 50.2 71.6% 54.2 53.8 -0.4 -0.8% 71.6% 50.1 -0.1% 71.6% 45.3 45.7 0.8% 71.6% 44 0 442 0.2 72.8% 54.2 53.7 -0.4 -0.8% 72.8% 50.1 50.1 0.0 -0.1% 72.8% 45.3 45.7 0.4 0.8% 72.8% 44.0 44.2 0.2 0.5% -1.0% -0.8% 74.1% 75.3% 74.1% 75.3% 74.1% -0.1% 74.1% 0.9% 43.8 44.1 0.4 75.3% 75.3% 0.8% 0.0% 76.5% -0.5 -0.9% 76.5% 49.9 49.9 0.1% 76.5% 45.1 45.4 0.3 0.7% 76.5% 43.7 44.0 0.2 0.5% 77.8% -0.5% 77.8% 77.8% 0.3 77.8% 0.1 53.8 -0.2% 0.6% 43.8 0.2% 79.0% 53.7 -0.2 -0.4% 79.0% 49.9 49.7 -0.2 -0.3% 79.0% 45.0 45.3 0.3 0.7% 79.0% 43.7 43.8 0.0 0.1% 80.2% 53.7 -0.4% 80.2% 49.7 0.1% 80.2% 44.7 1.2% 80.2% 45.3 43.5 43.6 0.2% 81.5% 53.7 53.4 -0.2-0.5% 81.5% 49.6 49.6 0.0% 81.5% 44.7 45.2 1.2% 81.5% 43.5 43.5 0.0 0.1% 82.7% 53.5 53.4 -0.2% 82.7% 49.6 0.2% 82.7% 44.7 45.1 0.4 0.9% 82.7% 43.4 43.5 0.1 0.2% 84.0% 53.4 53.4 -0.1 -0.1% 84.0% 49.5 49.6 0.0 0.1% 84.0% 44.7 45.0 0.8% 84.0% 43.4 43.5 0.1 0.2% 85.2% 53.4 53.3 -0.1 -0.1% 85.2% 49.5 49.4 -0.1 -0.2% 85.2% 44.6 44.8 0.1 0.3% 85.2% 43.4 43.5 0.1 0.3% 86.4% 53.2 -0.2% 86.4% 49.5 49.2 -0.5% 86.4% 44.5 44.8 0.5% 86.4% 43.3 43.5 0.1 0.3% 87.7% 53.3 53.1 -0.2 -0.4% 87.7% 49 4 492 -0.2 -0.4% 87.7% 44.5 447 0.2 0.5% 87.7% 43.2 43.4 0.2 0.4% 88.9% 53.3 -0.2 -0.4% 88.9% 49.4 49.1 -0.4 -0.8% 88.9% 44.5 44.7 0.2 0.4% 88.9% 43.2 43.4 0.2 0.6% 90.1% 53.3 53.0 -0.2 -0.4% 90.1% 49.2 49.0 -0.2 -0.4% 90.1% 44.5 44.7 0.2 0.4% 90.1% 43.2 43.4 0.2 0.6% 91.4% 52.7 52.6 -0.8% 91.4% 49.0 0.1% 91.4% 44.4 44.6 91.4% 43.1 43.4 0.3 92.6% 92.6% 92.6% 52.9 -0.2 -0.4% 48 9 48.9 0.0 0.0% 44.4 44.6 0.1 0.3% 92.6% 43.1 43.4 0.6% 93.8% 48.8 0.1% 44.3 93.8% 0.2 52.9 52.6 -0.3-0.6% 93.8% 48.8 93.8% 44.5 0.2 0.6% 43.1 43.2 0.4% 95.1% 95.1% 95.1% 95.1% 52.7 52.4 -0.3 -0.6% 48.8 48.7 0.0 0.0% 44.2 44.4 0.2 0.5% 43.0 43.1 0.2 0.3% 96.3% 52.3 -0.3% 96.3% 48.6 48.6 -0.1% 96.3% 97.5% 43.8 44.3 0.5 1.1% 96.3% 97.5% 42.7 42.7 0.0 0.1% 97.5% 52.0 97.5% 0.6 0.2% 52.4 -0.5 -0.9% 48.6 48 4 -n 2 -0.3% 43.6 442 1.4% 42.6 427 -0.2% 0.0% 98.8% 0.0% 100.0% 100.0% 100.0% 51.8 51.6 0.0 -0.3% 100.0% 48.3 47.2 -2.4% 42.1 42.4 0.5% 41.9 42.5 0.6 1.5%

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

February	Percent Exceedance Probability (%) 0.0% 1.2% 2.5% 3.7% 4.9% 6.2% 7.4% 8.6% 9.9% 11.1% 12.3% 13.6% 14.8% 16.0% 17.3% 18.5% 19.8	Monthly Temperatur (DEC-F) 60.1 59.7 59.6 59.4 59.2 58.8 58.7 58.4 58.3 58.1 58.1 58.1	Monthly Temperature (DEG-F) 59.7 59.5 59.3 59.3 59.0 58.8 58.4 58.3 58.2 58.1 58.1 58.1	Absolute Difference (DEG-F) -0.5 -0.6 -0.3 -0.4 -0.4 -0.2 -0.3 -0.2	Relative Difference (%) -0.8% -0.9% -0.5% -0.6% -0.7% -0.6% -0.7% -0.4% -0.55%
Probability Monthly Temperature Monthl	Exceedance Probability (%) 0.0% 1.2% 2.5% 4.9% 6.2% 7.4% 8.6% 9.9% 11.1% 12.3% 13.6% 14.8% 16.0% 17.3% 18.5% 18.5%	Monthly Temperature (DEG-F) 60.1 60.1 59.7 59.6 59.4 59.2 58.8 58.7 58.4 58.4 58.4 58.3 58.1 58.1	Monthly Temperature (DEG-F) 59.7 59.5 59.3 59.3 59.0 58.8 58.4 58.3 58.2 58.1 58.1 58.1	- Difference (DEG-F) -0.5 -0.6 -0.3 -0.4 -0.4 -0.3 -0.4 -0.2 -0.3	-0.8% -0.9% -0.5% -0.5% -0.6% -0.7% -0.6% -0.7% -0.4%
Probability Monthly Temperature Monthl	(%) 0.0% 1.2% 2.5% 3.7% 4.9% 6.2% 7.4% 8.6% 12.3% 13.6% 14.8% 16.0% 17.3% 18.5% 19.8%	(DEG-F) 60.1 60.1 59.7 59.6 59.4 59.2 58.8 58.7 58.4 58.4 58.3 58.1 58.1 58.1	(DEG-F) 59.7 59.5 59.3 59.3 59.0 58.8 58.4 58.3 58.2 58.1 58.1	(DEG-F) -0.5 -0.6 -0.3 -0.3 -0.4 -0.4 -0.3 -0.4 -0.2 -0.3	-0.8% -0.9% -0.5% -0.5% -0.6% -0.7% -0.6% -0.77% -0.4%
(3) (bt-1) (bt-1	0.0% 1.2% 2.5% 3.7% 4.9% 6.2% 6.2% 9.9% 11.1% 12.3% 16.0% 14.8% 16.0% 17.3% 18.5%	60.1 60.1 59.7 59.6 59.4 59.2 58.8 58.7 58.4 58.4 58.3 58.1 58.1 58.1	59.7 59.5 59.3 59.3 59.0 58.8 58.4 58.3 58.2 58.1 58.1	-0.5 -0.6 -0.3 -0.3 -0.4 -0.4 -0.3 -0.4 -0.2 -0.3 -0.2	-0.9% -0.5% -0.5% -0.6% -0.7% -0.6% -0.7% -0.4%
1.2% 48.6 48.7 0.1 0.1% 1.2% 53.4 53.3 0.0 -0.1% 1.2% 56.6 57.8 1.2 2.1% 2.5% 48.3 48.3 0.1 0.1% 2.5% 52.8 52.8 52.8 0.1 0.1% 2.5% 56.2 56.5 0.4 0.6% 3.7% 48.2 48.2 0.0 -0.1% 3.7% 52.7 52.7 -0.1 -0.1% 3.7% 56.0 56.4 0.4 0.7% 4.9% 48.2 48.2 0.0 0.0% 4.9% 52.2 52.3 0.2 0.3% 4.9% 55.9 56.3 0.4 0.7% 6.2% 48.1 48.1 0.0 0.1% 6.2% 52.0 52.0 0.0 0.0% 6.2% 55.7 56.2 0.5 0.9% 7.4% 48.0 46.1 0.0 0.0% 7.4% 52.0 52.0 0.0 0.0% 6.2% 55.7 56.2 0.5 0.9% 8.6% 47.9 47.8 -0.1 -0.2% 8.6% 51.9 51.9 0.0 0.0% 8.6% 55.5 56.0 0.5 0.9% 9.9% 47.8 47.7 -0.1 -0.2% 9.9% 51.7 51.7 0.0 0.0% 8.6% 55.5 56.0 0.5 0.9% 11.1% 47.7 47.7 0.0 0.0% 11.1% 51.6 51.7 0.0 0.1% 11.1% 55.3 55.7 0.5 0.9% 12.3% 47.5 47.7 0.2 0.3% 12.3% 51.6 51.6 0.1 0.1% 11.1% 55.3 55.7 0.5 0.9% 12.3% 47.5 47.7 0.2 0.3% 12.3% 51.6 51.6 0.1 0.1% 12.3% 55.2 55.6 0.4 0.7% 13.6% 47.4 47.5 0.2 0.4% 14.8% 51.5 51.5 0.1 0.2% 14.8% 55.1 55.6 0.5 1.0% 14.8% 47.4 47.5 0.2 0.4% 14.8% 51.5 51.5 0.1 0.2% 14.8% 55.1 55.6 0.5 1.0% 16.0% 55.0 55.5 0.5 0.9% 14.8% 47.4 47.5 0.2 0.4% 14.8% 51.5 51.5 0.1 0.2% 14.8% 55.1 55.6 0.5 1.0% 16.0% 55.0 55.5 0.5 0.9% 16.0% 15.3 51.4 0.0 0.0% 16.0% 55.0 55.5 0.5 0.9% 16.0% 55.0 55.5 0.5 0.9%	2.5% 3.7% 4.9% 6.2% 7.4% 8.6% 9.9% 11.19% 12.3% 13.6% 14.8% 16.0% 17.3% 18.5%	60.1 59.7 59.6 59.4 59.2 58.8 58.7 58.4 58.4 58.3 58.1 58.1	59.5 59.3 59.3 59.0 58.8 58.4 58.3 58.2 58.1 58.1	-0.6 -0.3 -0.3 -0.4 -0.4 -0.3 -0.4 -0.2 -0.3 -0.2	-0.9% -0.5% -0.5% -0.6% -0.7% -0.6% -0.7% -0.4%
3.7% 48.2 48.2 0.0 -0.1% 3.7% 52.7 52.7 -0.1 -0.1% 3.7% 56.0 56.4 0.4 0.7% 4.9% 48.2 48.2 0.0 0.0% 4.9% 52.2 52.3 0.2 0.3% 4.9% 55.9 56.3 0.4 0.7% 6.2% 48.1 48.1 0.0 0.1% 6.2% 52.0 52.0 0.0 0.0% 6.2% 55.7 56.2 0.5 0.9% 7.4% 48.0 48.1 0.0 0.0% 7.4% 52.0 52.0 0.0 0.0% 7.4% 55.6 56.1 0.5 0.9% 8.6% 47.9 47.8 -0.1 -0.2% 8.6% 51.9 51.9 0.0 0.0% 8.6% 55.5 56.0 0.5 0.9% 9.9% 47.8 47.7 -0.1 -0.2% 9.9% 51.7 51.7 0.0 0.0% 8.6% 55.5 56.0 0.5 0.9% 11.1% 47.7 47.7 0.0 0.0% 11.1% 51.6 51.7 0.0 0.1% 11.1% 55.3 55.7 0.5 0.9% 12.3% 51.6 51.6 0.1 0.1% 11.1% 55.3 55.7 0.5 0.9% 12.3% 47.5 47.7 0.2 0.3% 12.3% 51.6 51.6 0.1 0.1% 12.3% 55.2 55.6 0.4 0.7% 13.6% 47.5 47.6 0.1 0.2% 13.6% 51.5 51.6 0.0 0.0 0.0% 13.6% 55.1 55.6 0.6 1.0% 14.8% 47.4 47.5 0.2 0.4% 14.8% 51.5 51.5 51.5 0.1 0.2% 14.8% 55.1 55.6 0.5 0.5 0.9% 14.8% 47.4 47.3 47.4 0.0 0.0% 16.0% 51.3 51.4 0.0 0.0% 16.0% 55.0 55.5 0.5 0.9%	3.7% 4.9% 6.2% 7.4% 8.6% 9.9% 11.1% 12.3% 13.6% 14.8% 16.0% 17.3% 18.5% 19.8%	59.6 59.4 59.2 58.8 58.7 58.4 58.4 58.3 58.1 58.1 57.9	59.3 59.0 58.8 58.4 58.3 58.2 58.1 58.1	-0.3 -0.4 -0.4 -0.3 -0.4 -0.2 -0.3 -0.2	-0.5% -0.6% -0.7% -0.6% -0.7% -0.4%
4.9% 48.2 48.2 0.0 0.0% 4.9% 52.2 52.3 0.2 0.3% 4.9% 55.9 56.3 0.4 0.7% 62.9% 48.1 48.1 0.0 0.1% 6.2% 52.0 52.0 0.0 0.0% 6.2% 55.7 56.2 0.5 0.9% 7.4% 48.0 48.1 0.0 0.0% 7.4% 52.0 52.0 0.0 0.1% 7.4% 55.6 56.1 0.5 0.9% 8.6% 47.9 47.8 -0.1 -0.2% 8.6% 51.9 51.9 51.9 0.0 0.0% 8.6% 55.5 56.0 0.5 0.9% 9.9% 47.8 47.7 47.7 -0.1 -0.2% 9.9% 51.7 51.7 0.0 0.0% 9.9% 55.3 55.8 0.5 0.9% 11.1% 47.7 47.7 0.0 0.0% 11.1% 51.6 51.7 0.0 0.1% 11.1% 55.3 55.7 0.5 0.9% 12.3% 47.5 47.7 0.2 0.3% 12.3% 51.6 51.6 51.6 0.1 0.1% 12.3% 55.2 55.6 0.4 0.7% 13.6% 47.5 47.6 0.1 0.2% 13.6% 51.5 51.6 0.0 0.0% 13.6% 55.1 55.6 0.6 1.0% 14.8% 47.4 47.5 0.2 0.4% 14.8% 51.5 51.5 51.5 0.1 0.2% 14.8% 55.1 55.6 0.5 1.0% 16.0% 47.3 47.4 0.0 0.0% 16.0% 51.3 51.4 0.0 0.1% 16.0% 55.0 55.5 55.5 55.5 0.5 0.9%	4.9% 6.2% 7.4% 8.6% 9.9% 11.1% 12.3% 13.6% 14.8% 16.0% 17.3% 18.5% 19.8%	59.4 59.2 58.8 58.7 58.4 58.4 58.3 58.1 58.1	59.0 58.8 58.4 58.3 58.2 58.1 58.1	-0.4 -0.4 -0.3 -0.4 -0.2 -0.3 -0.2	-0.6% -0.7% -0.6% -0.7% -0.4%
6.2% 48.1 48.1 0.0 0.1% 6.2% 52.0 52.0 0.0 0.0% 6.2% 55.7 58.2 0.5 0.9% 7.4% 48.0 48.1 0.0 0.0% 7.4% 52.0 52.0 0.0 0.1% 7.4% 55.6 56.1 0.5 0.9% 8.6% 47.9 47.8 -0.1 -0.2% 9.9% 51.9 51.9 0.0 0.0% 8.6% 56.5 56.5 56.0 0.5 0.9% 9.9% 11.1% 47.7 47.7 0.0 0.0% 11.1% 51.6 51.7 0.0 0.0% 9.9% 55.3 55.8 0.5 0.9% 11.1% 47.7 47.7 0.0 0.0% 12.3% 51.6 51.6 0.1 0.1% 11.1% 55.3 55.7 0.5 0.9% 12.3% 51.6 51.6 0.1 0.1% 12.3% 55.2 55.6 0.4 0.7% 13.6% 47.5 47.6 0.1 0.2% 13.6% 51.5 51.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	6.2% 7.4% 8.6% 9.9% 11.1% 12.3% 13.6% 14.8% 16.0% 17.3% 18.5% 19.8%	59.2 58.8 58.7 58.4 58.4 58.3 58.1 58.1 57.9	58.8 58.4 58.3 58.2 58.1 58.1 58.0	-0.4 -0.3 -0.4 -0.2 -0.3 -0.2	-0.7% -0.6% -0.7% -0.4%
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	7.4% 8.6% 9.9% 11.1% 12.3% 13.6% 14.8% 16.0% 17.3% 18.5% 19.8%	58.7 58.4 58.4 58.3 58.1 58.1 57.9	58.4 58.3 58.2 58.1 58.1 58.0	-0.3 -0.4 -0.2 -0.3 -0.2	-0.6% -0.7% -0.4%
9.9% 47.8 47.7 47.7 0.0 0.0% 9.9% 51.7 51.7 0.0 0.0% 9.9% 55.3 55.8 0.5 0.9% 11.1% 47.7 47.7 0.0 0.0% 11.1% 51.6 51.7 0.0 0.1% 11.1% 55.3 55.7 0.5 0.9% 12.3% 47.5 47.7 0.2 0.3% 12.3% 51.6 51.6 0.1 0.1% 12.3% 55.2 55.6 0.4 0.7% 13.6% 47.5 47.6 0.1 0.2% 13.6% 51.5 51.6 0.0 0.0% 13.6% 55.1 55.6 0.6 1.0% 14.8% 47.4 47.5 0.2 0.4% 14.8% 51.5 51.5 0.1 0.2% 14.8% 55.1 55.6 0.5 1.0% 16.0% 47.3 47.4 0.0 0.0% 16.0% 51.3 51.4 0.0 0.1% 16.0% 55.0 55.5 0.5 0.9%	9.9% 11.1% 12.3% 13.6% 14.8% 16.0% 17.3% 18.5% 19.8%	58.4 58.4 58.3 58.1 58.1 57.9	58.2 58.1 58.1 58.0	-0.2 -0.3 -0.2	-0.4%
11.1% 47.7 47.7 0.0 0.0% 11.1% 51.6 51.7 0.0 0.1% 11.1% 55.3 55.7 0.5 0.9% 12.3% 47.5 47.7 0.2 0.3% 12.3% 51.6 51.6 0.1 0.1% 12.3% 55.2 55.6 0.4 0.7% 13.6% 47.5 47.6 0.1 0.2% 13.6% 51.5 51.6 0.0 0.0% 13.6% 55.1 55.6 0.6 1.0% 14.8% 47.4 47.5 0.2 0.4% 14.8% 51.5 51.5 0.1 0.2% 14.8% 55.1 55.6 0.5 1.0% 16.0% 47.3 47.4 0.0 0.0% 16.0% 51.3 51.4 0.0 0.1% 16.0% 55.0 55.5 0.5 0.9%	11.1% 12.3% 13.6% 14.8% 16.0% 17.3% 18.5% 19.8%	58.4 58.3 58.1 58.1 57.9	58.1 58.1 58.0	-0.3 -0.2	
12.3% 47.5 47.7 0.2 0.3% 12.3% 51.6 51.6 0.1 0.1% 12.3% 55.2 55.6 0.4 0.7% 13.6% 47.5 47.6 0.1 0.2% 13.6% 51.5 51.6 0.0 0.0% 13.6% 55.1 55.6 0.6 1.0% 14.8% 47.4 47.5 0.2 0.4% 14.8% 51.5 51.5 0.1 0.2% 14.8% 55.1 55.6 0.5 1.0% 16.0% 47.3 47.4 0.0 0.0% 16.0% 51.3 51.4 0.0 0.1% 16.0% 55.0 55.5 0.5 0.9%	12.3% 13.6% 14.8% 16.0% 17.3% 18.5% 19.8%	58.3 58.1 58.1 57.9	58.1 58.0	-0.2	
14.8% 47.4 47.5 0.2 0.4% 14.8% 51.5 51.5 0.1 0.2% 14.8% 55.1 55.6 0.5 1.0% 16.0% 47.3 47.4 0.0 0.0% 16.0% 51.3 51.4 0.0 0.1% 16.0% 55.0 55.5 0.5 0.9%	14.8% 16.0% 17.3% 18.5% 19.8%	58.1 57.9			-0.3%
16.0% 47.3 47.4 0.0 0.0% 16.0% 51.3 51.4 0.0 0.1% 16.0% 55.0 55.5 0.5 0.9%	16.0% 17.3% 18.5% 19.8%	57.9		-0.1	-0.2%
	17.3% 18.5% 19.8%		58.0 57.9	-0.1 0.0	-0.2% 0.0%
17.3% 47.3 47.3 0.1 0.1% 17.3% 51.0 51.1 0.0 0.1% 17.3% 54.7 55.4 0.7 1.3%	19.8%	57.8	57.9	0.1	0.1%
18.5% 47.3 47.3 0.0 0.1% 18.5% 51.0 51.0 0.0 -0.1% 18.5% 54.7 55.3 0.6 1.1%		57.8	57.8	0.0	0.1%
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		57.8 57.7	57.8 57.6	0.1 -0.1	0.1% -0.1%
21.0% 47.1 47.1 0.0 0.1% 21.0% 50.8 50.8 0.0 0.0% 22.2% 54.6 55.0 0.4 0.8%	22.2%	57.7	57.5	-0.1	-0.1%
23.5% 47.0 47.1 0.1 0.2% 23.5% 50.8 50.8 0.0 0.0% 23.5% 54.5 55.0 0.4 0.8%	23.5%	57.7	57.5	-0.2	-0.4%
24.7% 46.9 46.9 0.0 0.1% 24.7% 50.7 50.8 0.1 0.2% 24.7% 54.5 54.9 0.4 0.7% 55.9% 46.9 46.9 0.0 0.1% 25.9% 50.6 50.8 0.1 0.2% 25.9% 54.5 54.9 0.3 0.6%	24.7% 25.9%	57.6 57.6	57.3 57.3	-0.4 -0.3	-0.6% -0.6%
25.9% 46.9 46.9 0.0 0.1% 25.9% 50.6 50.7 0.1 0.2% 25.9% 54.5 54.9 0.3 0.6% 27.2% 46.9 46.8 0.0 0.1% 27.2% 50.6 50.7 0.1 0.2% 27.2% 54.5 54.8 0.3 0.6%	25.9%	57.6 57.5	57.3 57.3	-0.3	-0.5%
28.4% 46.8 46.8 0.0 0.0% 28.4% 50.6 50.7 0.1 0.1% 28.4% 54.4 54.8 0.3 0.6%	28.4%	57.5	57.1	-0.4	-0.7%
29.6% 46.8 46.8 0.0 0.0% 29.6% 50.6 50.7 0.0 0.1% 29.6% 54.4 54.7 0.3 0.6%	29.6%	57.5	57.1	-0.4	-0.6%
30.9% 46.8 46.8 0.0 0.0% 30.9% 50.6 50.6 0.0 0.1% 30.9% 54.4 54.7 0.3 0.5% 32.1% 46.8 46.8 0.0 0.0% 32.1% 50.4 50.5 0.1 0.3% 32.1% 54.2 54.6 0.4 0.7%	30.9% 32.1%	57.3 57.2	57.1 57.1	-0.2 -0.1	-0.3% -0.1%
33.3% 46.8 46.8 0.0 -0.1% 33.3% 50.3 50.3 0.1 0.1% 33.3% 54.2 54.6 0.4 0.7%	33.3%	57.1	57.1	-0.1	-0.1%
34.6% 46.7 46.7 -0.1 -0.2% 34.6% 50.3 50.3 0.0 0.1% 34.6% 54.1 54.6 0.5 0.9%	34.6%	57.1	57.0	-0.1	-0.2%
\$5.8% 46.7 46.6 0.0 -0.1% \$5.8% 50.2 50.3 0.1 0.2% \$5.8% 54.1 54.6 0.5 0.9% \$7.0% 46.6 46.6 0.0 0.0% \$7.0% 50.2 50.3 0.1 0.3% \$7.0% 54.1 54.6 0.5 0.9%	35.8% 37.0%	56.9 56.9	57.0 57.0	0.1	0.2%
37.0% 40.0 40.0 0.0 0.0% 37.0% 50.2 50.3 0.1 0.2% 38.3% 54.1 54.5 0.5 1.0% 38.3% 46.6 46.6 0.0 0.0% 38.3% 50.1 50.2 0.1 0.2% 38.3% 54.0 54.5 0.5 1.0%	38.3%	56.9	57.0	0.1	0.2%
39.5% 46.6 46.6 0.0 0.0% 39.5% 50.1 50.2 0.0 0.1% 39.5% 53.9 54.5 0.6 1.0%	39.5%	56.8	57.0	0.1	0.3%
40.7% 46.5 46.5 0.0 0.0% 40.7% 50.1 50.1 0.0 0.0% 40.7% 53.9 54.5 0.6 1.2%	40.7%	56.8	56.9	0.1	0.2%
420% 46.5 46.5 0.0 0.1% 42.2% 50.0 50.1 0.1 0.2% 42.2% 53.9 54.4 0.6 1.1% 43.2% 46.5 46.5 0.0 0.0% 43.2% 50.0 50.1 0.1 0.2% 43.2% 58.8 54.3 0.5 1.0%	42.0% 43.2%	56.7 56.7	56.9 56.8	0.1 0.1	0.2%
44.4% 46.4 46.5 0.0 0.0% 44.4% 49.9 50.1 0.2 0.3% 44.4% 53.7 54.3 0.6 1.1%	44.4%	56.7	56.8	0.1	0.1%
45.7% 46.4 46.4 0.0 -0.1% 45.7% 49.8 50.0 0.2 0.3% 45.7% 53.7 54.2 0.5 0.8%	45.7%	56.6	56.7	0.1	0.2%
46.9% 46.4 46.4 0.0 0.0% 46.9% 49.8 49.9 0.1 0.2% 46.9% 53.7 54.1 0.5 0.9% 48.1% 46.4 46.4 0.0 0.0% 48.1% 49.8 49.9 0.1 0.2% 48.1% 53.6 54.1 0.5 0.9%	46.9% 48.1%	56.5 56.4	56.7 56.6	0.2	0.3%
49.4% 46.2 46.3 0.1 0.1% 49.4% 49.7 49.8 0.1 0.1% 49.4% 55.6 54.0 0.5 0.9%	49.4%	56.4	56.6	0.2	0.3%
50.6% 46.2 46.2 0.0 0.0% 50.6% 49.7 49.7 0.0 0.0% 50.6% 53.5 54.0 0.5 0.9%	50.6%	56.3	56.5	0.2	0.4%
51.9% 46.2 46.2 0.0 0.0% 51.9% 49.6 49.6 0.0 0.0% 51.9% 53.5 54.0 0.4 0.8% 53.1% 46.1 46.2 0.1 0.1% 53.1% 49.6 49.6 0.0 0.0% 53.1% 53.5 53.9 0.4 0.8%	51.9% 53.1%	56.3 56.2	56.5 56.4	0.2	0.4%
53.1% 46.1 46.2 0.1 0.1% 53.1% 49.5 49.5 0.0 0.0% 54.3% 53.4 53.9 0.5 0.9% 54.3% 46.1 46.2 0.0 0.1% 54.3% 49.5 49.5 0.0 0.0% 54.3% 53.4 53.9 0.5 0.9%	54.3%	56.2	56.4 56.4	0.2	0.4%
55.6% 46.1 46.1 0.1 0.2% 55.6% 49.5 49.4 0.0 -0.1% 55.6% 53.4 53.9 0.5 1.0%	55.6%	56.2	56.4	0.2	0.3%
56.8% 46.0 46.1 0.0 0.1% 56.8% 49.4 49.3 -0.1 -0.2% 56.8% 53.3 53.8 0.5 1.0%	56.8%	56.1	56.2	0.1	0.2%
58.0% 46.0 46.1 0.0 0.1% 58.0% 49.4 49.3 0.0 -0.1% 58.0% 53.2 53.7 0.5 1.0% 59.3% 46.0 46.1 0.0 0.1% 59.3% 49.3 49.3 0.0 -0.1% 59.3% 53.1 53.7 0.6 1.1%	58.0% 59.3%	56.0 56.0	56.2 56.1	0.2 0.1	0.3%
60.5% 46.0 46.0 0.1 0.1% 60.5% 49.3 49.3 0.0 0.1% 60.5% 53.1 53.7 0.6 1.1%	60.5%	56.0	56.1	0.1	0.2%
61.7% 46.0 46.0 0.1 0.1% 61.7% 49.1 49.2 0.1 0.1% 61.7% 53.0 53.7 0.7 1.2%	61.7%	55.9	56.1	0.1	0.2%
63.0% 45.9 46.0 0.1 0.1% 63.0% 49.1 49.2 0.0 0.0% 63.0% 53.0 53.6 0.7 1.3% 64.2% 45.8 46.0 0.1 0.3% 64.2% 49.1 49.1 0.1 0.1% 64.2% 52.9 53.5 0.6 1.1%	63.0% 64.2%	55.9 55.9	56.1 56.0	0.1	0.2%
65.4% 45.8 45.8 0.0 0.0% 65.4% 49.0 49.1 0.0 0.1% 65.4% 52.9 53.4 0.6 1.1%	65.4%	55.9	56.0	0.2	0.3%
66.7% 45.8 45.8 0.0 0.0% 66.7% 49.0 49.0 0.0 0.0% 66.7% 52.8 53.4 0.6 1.1%	66.7%	55.9	56.0	0.2	0.3%
67.9% 45.8 45.8 -0.1 -0.2% 67.9% 49.0 49.0 0.0 0.0% 67.9% 52.8 53.4 0.6 1.1% 69.1% 48.8 45.7 0.0 -0.1% 69.1% 69.0 49.0 0.0 0.0% 69.1% 52.8 53.4 0.6 1.1%	67.9% 69.1%	55.6 55.6	56.0 56.0	0.4 0.4	0.7%
65.176 45.5 45.7 0.0 0.0% 70.4% 45.9 0.0 0.0% 70.4% 52.8 53.1 0.3 0.6% 70.4% 55.7 45.7 0.0 0.0% 70.4% 48.9 48.9 0.0 0.0% 70.4% 52.8 53.1 0.3 0.6%	70.4%	55.6	55.9	0.4	0.7%
71.6% 45.6 45.6 0.0 0.1% 71.6% 48.8 48.8 -0.1 -0.2% 71.6% 52.7 52.9 0.3 0.5%	71.6%	55.5	55.9	0.4	0.8%
72.8% 45.5 45.5 0.0 0.0% 72.8% 48.6 48.6 0.0 0.1% 72.8% 52.5 52.9 0.4 0.7% 74.1% 45.4 45.5 0.0 0.1% 74.1% 48.6 48.6 0.0 0.0% 74.1% 52.3 52.8 0.5 1.0%	72.8% 74.1%	55.4 55.2	55.9 55.9	0.5 0.7	0.9% 1.3%
74.17% 40.4 40.5 0.0 0.1% 75.3% 45.6 0.1 0.0% 75.3% 45.5 45.6 0.1 0.0% 75.3% 52.3 52.8 0.6 1.1%	74.1% 75.3%	55.2 55.1	55.9 55.8	0.7	1.1%
76.5% 45.4 45.4 0.0 -0.1% 76.5% 48.4 48.6 0.2 0.4% 76.5% 52.2 52.7 0.5 1.0%	76.5%	55.0	55.7	0.6	1.1%
77.8% 45.4 45.3 0.0 -0.1% 77.8% 48.3 48.4 0.0 0.0% 77.8% 52.2 52.7 0.5 1.0% 79.0% 45.3 45.3 0.0 0.0% 79.0% 48.3 48.3 0.1 0.1% 79.0% 52.2 52.6 0.5 0.9%	77.8% 79.0%	55.0 55.0	55.6 55.5	0.5	0.9%
79.0% 40.3 40.3 0.0 0.0% 79.0% 48.3 48.3 0.1 0.1% 79.0% 52.2 52.6 0.5 0.9% 80.2% 45.2 45.2 0.0 0.0% 80.2% 48.1 48.2 0.1 0.3% 80.2% 51.9 52.5 0.6 1.2%	79.0% 80.2%	55.0 55.0	55.5 55.5	0.5	0.9%
81.5% 45.2 45.2 0.0 0.0% 81.5% 48.1 48.1 0.1 0.2% 81.5% 51.8 52.4 0.6 1.2%	81.5%	55.0	55.5	0.5	0.9%
82.7% 45.0 45.1 0.1 0.2% 82.7% 48.0 48.0 0.0 0.0% 82.7% 51.7 52.2 0.4 0.8%	82.7%	55.0	55.3	0.3	0.6%
84.0% 45.0 45.0 0.0 0.0% 84.0% 48.0 48.0 0.0 0.0% 84.0% 51.6 52.1 0.5 0.9% 85.2% 44.9 45.0 0.1 0.3% 85.2% 47.9 47.9 0.0 -0.1% 85.2% 51.5 51.9 0.5 0.9%	84.0% 85.2%	54.9 54.9	55.2 55.2	0.3	0.6%
86.4% 44.8 44.9 0.0 0.1% 86.4% 47.8 47.9 0.0 0.0% 86.4% 51.3 51.8 0.5 0.9%	86.4%	54.8	55.1	0.3	0.5%
87.7% 44.8 44.8 0.0 0.0% 87.7% 47.8 47.8 0.0 0.0% 87.7% 51.3 51.8 0.5 1.0%	87.7%	54.8	55.1	0.3	0.5%
88.9% 44.7 44.8 0.1 0.2% 88.9% 47.7 47.8 0.0 0.1% 88.9% 51.2 51.7 0.5 0.9% 90.1% 44.7 44.7 0.0 0.1% 90.1% 47.7 47.7 0.0 0.0% 90.1% 51.1 51.5 0.4 0.7%	88.9%	54.8 54.7	54.8 54.7	0.0	0.0%
90.1% 44.7 44.7 0.0 -0.1% 90.1% 47.7 47.7 0.0 0.0% 90.1% 51.1 51.5 0.4 0.7% 91.4% 44.6 44.6 0.1 0.2% 91.4% 47.6 47.7 0.1 0.2% 91.4% 51.0 51.4 0.3 0.7%	90.1% 91.4%	54.7 54.5	54.7 54.5	0.0	0.0%
92.6% 44.6 44.6 0.0 0.0% 92.6% 47.6 47.6 0.1 0.2% 92.6% 51.0 51.4 0.4 0.7%	92.6%	54.4	54.2	-0.2	-0.4%
93.8% 44.5 44.5 0.0 0.1% 93.8% 47.4 47.4 0.0 0.0% 93.8% 50.9 51.2 0.3 0.5%	93.8%	54.2	54.2	0.0	0.0%
95.1% 44.4 44.4 0.0 0.0% 95.1% 47.2 47.2 0.0 0.0% 95.1% 50.9 51.0 0.1 0.1% 96.3% 44.4 44.4 0.0 0.1% 96.3% 47.1 47.1 0.0 0.0% 96.3% 50.8 50.9 0.1 0.2%	95.1%	53.8 53.8	54.2 53.8	0.3	0.6%
97.5% 44.2 44.2 0.1 0.1% 97.5% 46.9 47.0 0.0 0.0% 97.5% 50.4 50.4 -0.1 -0.1%	97.5%	53.8	53.7	-0.1	-0.2%
98.8% 44.1 44.1 0.0 0.1% 98.8% 46.7 46.8 0.1 0.2% 98.8% 49.9 49.8 -0.1 -0.2%	98.8%	53.7	53.6	0.0	0.0%
100.0% 43.6 43.6 0.0 0.0% 100.0% 46.5 46.5 0.0 0.0% 100.0% 48.5 48.5 0.0 0.0%	100.0%	52.6	52.5	-0.1	-0.1%

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

									Probability	of Exceedance									
Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative
Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)
0.0%	(DEG-F) 61.1	(DEG-F) 60.3	-0.7	-1.2%		(DEG-F) 63.6	(DEG-F) 62.4	-1.1	-1.8%	(%) 0.0%	(DEG-F) 67.6	(DEG-F) 66.6	-1.1	-1.6%	0.0%	(DEG-F) 67.0	(DEG-F) 66.2	-0.9	-1.3%
1.2%	61.0	60.2	-0.8	-1.4%	1.2%	62.4	62.1	-0.3	-0.5%	1.2%	67.3	65.2	-2.1	-3.1%	1.2%	65.6	64.5	-1.2	-1.8%
2.5%	59.9	59.7	-0.3	-0.5%	2.5%	61.8	61.8	0.0	0.1%	2.5%	66.3	64.5	-1.8	-2.7%	2.5%	65.6	64.2	-1.3	-2.0%
3.7%	59.5 59.4	59.7 59.4	0.2	0.3%	3.7% 4.9%	61.4 61.3	61.4 61.3	0.1	0.1%	3.7%	65.0 62.6	62.3 60.8	-2.7 -1.9	-4.1% -3.0%	3.7% 4.9%	65.2 64.9	64.2 63.7	-1.0 -1.2	-1.5% -1.9%
6.2%	59.1	59.2	0.0	0.0%	6.2%	61.2	60.7	-0.4	-0.7%	6.2%	62.4	60.3	-2.1	-3.4%	6.2%	64.9	63.4	-1.4	-2.2%
7.4%	59.0	59.1	0.1	0.2%	7.4%	61.0	60.6	-0.3	-0.6%	7.4%	61.9	60.2	-1.7	-2.7%	7.4%	64.4	62.9	-1.6	-2.4%
8.6% 9.9%	58.9 58.8	58.8 58.7	-0.1 -0.1	-0.2% -0.1%	8.6% 9.9%	60.9 60.2	60.5 60.3	-0.3 0.1	-0.6% 0.1%	8.6% 9.9%	61.0 60.7	60.1 60.1	-0.9 -0.6	-1.4% -1.0%	8.6% 9.9%	63.8 62.4	62.3 61.8	-1.5 -0.6	-2.4% -1.0%
11.1%	58.6	58.7	0.2	0.3%	11.1%	60.1	59.8	-0.3	-0.6%	11.1%	60.5	60.1	-0.4	-0.7%	11.1%	61.6	61.5	-0.1	-0.2%
12.3%	58.5	58.7	0.2	0.4%	12.3%	60.0	59.6	-0.5	-0.8%	12.3%	60.4	59.9	-0.5	-0.8%	12.3%	61.6	61.5	-0.1	-0.1%
13.6%	58.3	58.6	0.3	0.5%	13.6%	59.7	59.5	-0.3	-0.5%	13.6%	60.3	59.9	-0.4	-0.7%	13.6%	61.5	61.2	-0.3	-0.4%
14.8% 16.0%	58.2 58.2	58.2 58.0	0.0 -0.1	0.0% -0.2%	14.8% 16.0%	59.6 59.4	59.4 59.3	-0.2 -0.1	-0.3% -0.2%	14.8% 16.0%	60.1 60.0	59.8 59.6	-0.2 -0.4	-0.4% -0.7%	14.8% 16.0%	61.4 61.2	60.6 60.5	-0.7 -0.7	-1.2% -1.1%
17.3%	58.0	58.0	0.0	0.0%	17.3%	59.4	59.2	-0.1	-0.3%	17.3%	59.8	59.6	-0.4	-0.7%	17.3%	60.8	60.4	-0.4	-0.7%
18.5%	57.9	57.9	0.0	0.0%	18.5%	59.2	59.1	-0.2	-0.3%	18.5%	59.7	59.4	-0.2	-0.4%	18.5%	60.7	60.3	-0.4	-0.6%
19.8%	57.9	57.9	0.0	0.0%	19.8%	59.0	59.0	0.0	0.0%	19.8%	59.6	59.2	-0.4	-0.7%	19.8%	60.6	60.2	-0.4	-0.6%
21.0%	57.9 57.7	57.7 57.6	-0.2 -0.1	-0.3% -0.1%	21.0%	59.0 58.9	58.9 58.9	0.0	-0.1%	21.0% 22.2%	59.5 59.3	59.1 59.0	-0.5 -0.3	-0.8% -0.5%	21.0%	60.6 60.2	59.9 59.7	-0.7 -0.5	-1.1% -0.9%
23.5%	57.7	57.6	-0.1	-0.2%	23.5%	58.9	58.8	-0.1	-0.1%	23.5%	59.3	59.0	-0.3	-0.5%	23.5%	60.2	59.7	-0.5	-0.9%
24.7%	57.6	57.6	0.0	0.0%	24.7%	58.7	58.8	0.1	0.2%	24.7%	59.2	58.9	-0.3	-0.5%	24.7%	60.0	59.7	-0.3	-0.5%
25.9% 27.2%	57.5 57.5	57.4 57.4	-0.1 -0.1	-0.1% -0.1%	25.9% 27.2%	58.6 58.5	58.8 58.7	0.2 0.2	0.3%	25.9% 27.2%	59.2 59.1	58.9 58.8	-0.3 -0.3	-0.6% -0.5%	25.9% 27.2%	60.0 59.6	59.4 59.4	-0.5 -0.1	-0.9% -0.2%
28.4%	57.5 57.5	57.4	-0.1	-0.1%	28.4%	58.5	58.6	0.2	0.2%	28.4%	59.1	58.8	-0.3	-0.5%	28.4%	59.5	59.4	-0.1	-0.1%
29.6%	57.5	57.4	-0.1	-0.2%	29.6%	58.5	58.6	0.0	0.1%	29.6%	58.9	58.8	-0.1	-0.1%	29.6%	59.4	59.3	-0.1	-0.2%
30.9%	57.5	57.4	-0.1	-0.3%	30.9%	58.5	58.5	0.0	0.0%	30.9%	58.8	58.8	-0.1	-0.1%	30.9%	59.4	58.9	-0.5	-0.8%
32.1% 33.3%	57.5 57.4	57.3 57.3	-0.1 -0.1	-0.2% -0.1%	32.1% 33.3%	58.5 58.4	58.5 58.3	0.0 -0.2	-0.1% -0.3%	32.1% 33.3%	58.8 58.8	58.7 58.7	-0.1 -0.1	-0.2% -0.2%	32.1% 33.3%	59.4 59.4	58.9 58.9	-0.5 -0.5	-0.8% -0.8%
34.6%	57.3	57.3	0.0	0.0%	34.6%	58.3	58.3	0.0	-0.1%	34.6%	58.7	58.7	0.0	0.0%	34.6%	59.3	58.8	-0.5	-0.9%
35.8%	57.3	57.3	0.0	-0.1%	35.8%	58.2	58.2	0.0	0.0%	35.8%	58.7	58.6	0.0	0.0%	35.8%	59.3	58.8	-0.5	-0.8%
37.0% 38.3%	57.3 57.3	57.2 57.2	0.0 -0.1	0.0%	37.0% 38.3%	58.1 58.1	58.2 58.2	0.0	0.1%	37.0% 38.3%	58.6 58.6	58.6 58.6	0.0	0.0%	37.0% 38.3%	59.3 59.2	58.8 58.7	-0.5 -0.5	-0.8% -0.8%
39.5%	57.2	57.2	0.0	-0.1%	39.5%	58.1	58.1	0.0	0.0%	39.5%	58.6	58.6	0.0	0.0%	39.5%	59.1	58.7	-0.3	-0.6%
40.7%	57.2	57.1	0.0	0.0%	40.7%	58.0	58.1	0.1	0.1%	40.7%	58.6	58.6	0.0	0.0%	40.7%	59.0	58.7	-0.3	-0.6%
42.0%	57.1	57.1	0.0	0.0%	42.0%	58.0	58.0	0.1	0.1%	42.0%	58.4	58.5	0.1	0.2%	42.0%	59.0	58.7	-0.3	-0.6%
43.2% 44.4%	57.0 57.0	57.1 57.1	0.1	0.1%	43.2% 44.4%	58.0 57.9	57.9 57.9	0.0	0.0%	43.2% 44.4%	58.4 58.3	58.5 58.5	0.1 0.1	0.2%	43.2% 44.4%	59.0 59.0	58.7 58.6	-0.3 -0.4	-0.6% -0.6%
45.7%	57.0	57.1	0.1	0.1%	45.7%	57.9	57.9	0.0	0.0%	45.7%	58.3	58.5	0.1	0.2%	45.7%	58.8	58.6	-0.1	-0.2%
46.9%	57.0	57.0	0.0	0.1%	46.9%	57.7	57.8	0.2	0.3%	46.9%	58.3	58.4	0.1	0.2%	46.9%	58.7	58.5	-0.3	-0.5%
48.1% 49.4%	56.9 56.9	57.0 56.9	0.1	0.1% 0.1%	48.1% 49.4%	57.7 57.5	57.8 57.8	0.1	0.2%	48.1% 49.4%	58.3 58.3	58.3 58.3	0.0	0.0%	48.1% 49.4%	58.7 58.5	58.5 58.4	-0.2 -0.1	-0.4% -0.2%
50.6%	56.9	56.9	0.0	0.1%	50.6%	57.5 57.5	57.8	0.3	0.5%	50.6%	58.3	58.3	0.0	0.1%	50.6%	58.5	58.3	-0.1	-0.3%
51.9%	56.9	56.9	0.0	0.1%	51.9%	57.4	57.7	0.3	0.5%	51.9%	58.3	58.2	-0.1	-0.1%	51.9%	58.4	58.2	-0.2	-0.3%
53.1% 54.3%	56.8 56.8	56.9 56.9	0.0	0.0%	53.1% 54.3%	57.4 57.2	57.7 57.5	0.3	0.5%	53.1% 54.3%	58.2 58.2	58.2 58.2	-0.1	-0.1%	53.1% 54.3%	58.4 58.3	58.2 58.2	-0.2	-0.3%
54.3% 55.6%	56.8	56.8	0.1	0.1%	54.3%	57.2 57.2	57.5 57.5	0.3	0.5%	54.3%	58.2 58.1	58.2 58.2	0.0	0.0%	54.3% 55.6%	58.3	58.2	-0.1 -0.2	-0.2% -0.3%
56.8%	56.6	56.8	0.2	0.3%	56.8%	57.2	57.3	0.1	0.2%	56.8%	58.1	58.1	0.1	0.1%	56.8%	58.2	58.0	-0.2	-0.4%
58.0%	56.6	56.8	0.2	0.3%	58.0%	57.1	57.3	0.2	0.3%	58.0%	58.1	58.1	0.1	0.1%	58.0%	58.2	57.9	-0.3	-0.5%
59.3% 60.5%	56.6 56.6	56.8 56.8	0.2	0.4%	59.3% 60.5%	57.1 57.1	57.2 57.2	0.2	0.3%	59.3% 60.5%	58.0 58.0	58.1 58.1	0.1 0.1	0.2%	59.3% 60.5%	58.1 58.1	57.8 57.7	-0.4 -0.4	-0.7% -0.7%
61.7%	56.6	56.7	0.2	0.3%	61.7%	57.1	57.2	0.2	0.3%	61.7%	58.0	58.1	0.1	0.2%	61.7%	58.0	57.7	-0.4	-0.7%
63.0%	56.6	56.7	0.1	0.2%	63.0%	57.0	57.2	0.1	0.2%	63.0%	57.9	58.0	0.1	0.1%	63.0%	57.7	57.6	-0.1	-0.2%
64.2%	56.5	56.6 56.6	0.1	0.2%	64.2%	57.0	57.1	0.1	0.1%	64.2%	57.9	58.0	0.0	0.1%	64.2%	57.7 57.7	57.5	-0.2	-0.3%
65.4% 66.7%	56.5 56.5	56.6	0.1	0.2% 0.1%	65.4% 66.7%	57.0 56.9	57.1 57.1	0.1	0.2%	65.4% 66.7%	57.9 57.9	58.0 57.9	0.0	0.1%	65.4% 66.7%	57.7	57.5 57.5	-0.2 -0.2	-0.3% -0.4%
67.9%	56.4	56.6	0.1	0.2%	67.9%	56.9	57.1	0.2	0.3%	67.9%	57.9	57.9	0.0	0.0%	67.9%	57.6	57.5	-0.1	-0.2%
69.1%	56.4	56.5	0.1	0.2%	69.1%	56.8	57.0	0.2	0.4%	69.1%	57.9	57.9	0.0	0.0%	69.1%	57.5	57.4	-0.1	-0.1%
70.4% 71.6%	56.3 56.3	56.5 56.4	0.1	0.2%	70.4% 71.6%	56.8 56.8	57.0 57.0	0.2	0.4%	70.4% 71.6%	57.8 57.8	57.8 57.8	0.0 -0.1	0.0%	70.4% 71.6%	57.0 57.0	57.3 57.3	0.2	0.4%
72.8%	56.2	56.4	0.2	0.4%	72.8%	56.8	57.0	0.2	0.4%	72.8%	57.7	57.8	0.0	0.1%	72.8%	56.9	57.2	0.3	0.5%
74.1%	56.2	56.4	0.2	0.4%	74.1%	56.7	56.9	0.2	0.3%	74.1%	57.7	57.8	0.0	0.0%	74.1%	56.9	57.2	0.3	0.5%
75.3% 76.5%	56.2 56.1	56.4 56.3	0.2	0.3%	75.3% 76.5%	56.7 56.7	56.9 56.9	0.2	0.3%	75.3% 76.5%	57.7 57.7	57.7 57.6	0.0	0.0%	75.3% 76.5%	56.8 56.8	57.2 57.0	0.3 0.2	0.6%
77.8%	56.1	56.3	0.2	0.3%	77.8%	56.7	56.9	0.2	0.4%	77.8%	57.6	57.6	0.0	0.0%	77.8%	56.8	56.9	0.2	0.4%
79.0%	56.1	56.2	0.1	0.1%	79.0%	56.7	56.9	0.2	0.3%	79.0%	57.5	57.6	0.1	0.1%	79.0%	56.8	56.8	0.1	0.1%
80.2% 81.5%	56.1 56.1	56.2 56.1	0.1 0.1	0.1% 0.1%	80.2% 81.5%	56.7 56.6	56.9 56.8	0.2 0.1	0.3%	80.2% 81.5%	57.5 57.4	57.5 57.4	0.0	0.0%	80.2% 81.5%	56.8 56.7	56.8 56.7	0.0	0.1%
81.5%	56.1	56.1	0.1	0.1%	81.5% 82.7%	56.6	56.8	0.1	0.2%	81.5%	57.4 57.4	57.4 57.4	0.0	0.0%	81.5% 82.7%	56.7 56.7	56.7	0.0	0.0%
84.0%	56.1	56.1	0.1	0.1%	84.0%	56.6	56.7	0.2	0.3%	84.0%	57.4	57.4	0.1	0.1%	84.0%	56.6	56.7	0.1	0.1%
85.2%	56.0	56.1	0.0	0.1%	85.2%	56.5	56.5	0.1	0.1%	85.2%	57.3	57.4	0.1	0.2%	85.2%	56.6	56.6	0.0	0.1%
86.4% 87.7%	56.0 56.0	56.1 56.0	0.0	0.0%	86.4% 87.7%	56.4 56.4	56.4 56.3	0.0 -0.1	0.0%	86.4% 87.7%	57.3 57.3	57.4 57.3	0.1	0.2% 0.2%	86.4% 87.7%	56.5 56.3	56.5 56.3	0.0	0.1% 0.1%
88.9%	56.0	56.0	0.0	0.0%	88.9%	56.3	56.2	-0.1	-0.2%	88.9%	57.3	57.3 57.3	0.1	0.2%	88.9%	56.2	56.2	0.0	-0.1%
90.1%	55.9	56.0	0.1	0.2%	90.1%	56.3	56.2	-0.1	-0.1%	90.1%	57.0	57.2	0.2	0.4%	90.1%	56.2	56.2	0.0	-0.1%
91.4%	55.8	55.9	0.2	0.3%	91.4%	56.1	56.1	0.1	0.1%	91.4%	56.9	57.1	0.2	0.4%	91.4%	56.2	56.1	-0.1	-0.2%
92.6% 93.8%	55.6 55.6	55.8 55.8	0.2	0.3%	92.6% 93.8%	56.1 55.9	56.1 56.1	0.0 0.2	0.1%	92.6% 93.8%	56.8 56.6	57.0 56.9	0.1	0.2%	92.6% 93.8%	56.1 56.1	56.0 56.0	-0.1 -0.1	-0.1% -0.1%
95.1%	55.3	55.7	0.4	0.7%	95.1%	55.8	55.9	0.0	0.1%	95.1%	56.6	56.9	0.3	0.5%	95.1%	56.0	55.9	-0.1	-0.2%
96.3%	55.0	55.3	0.3	0.5%	96.3%	55.8	55.8	0.0	0.0%	96.3%	56.3	56.5	0.2	0.4%	96.3%	55.9	55.7	-0.2	-0.4%
97.5% 98.8%	55.0 54.9	55.2 55.0	0.3 0.1	0.5% 0.2%	97.5% 98.8%	55.8 55.7	55.6 55.6	-0.2 -0.1	-0.3% -0.2%	97.5% 98.8%	56.3 56.0	56.3 56.3	0.1	0.1% 0.5%	97.5% 98.8%	55.6 54.5	55.0 54.7	-0.6 0.2	-1.1% 0.3%
100.0%	54.9 54.8	55.0	0.1	0.2%	100.0%	55.7 55.6	55.6 55.4	-0.1	-0.2%	100.0%	55.9	56.3 56.3	0.3	0.5%	100.0%	54.5 54.3	54.7 54.5	0.2	0.3%
.00.078	21.0		5.0	2.370	100.070	23.0		U.E.	2.370	100.070	20.0	20.0	J	270	100.070	51.0	- 1.0		2.270

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

					Mon	thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
•				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	56.4	50.9	45.5	44.4	46.8	50.8	55.2	59.5	60.6	61.7	62.4	61.4
Alternative A	56.2	50.7	45.7	44.6	46.8	50.9	55.7	59.6	60.6	61.8	62.3	61.3
Difference	-0.3	-0.2	0.1	0.1	0.0	0.1	0.5	0.2	0.0	0.0	-0.1	-0.2
Percent Difference ³	-0.4%	-0.3%	0.3%	0.3%	0.1%	0.1%	0.8%	0.3%	0.0%	0.0%	-0.2%	-0.39
					ear Types							
Vet (32%)												
No Action Alternative	55.8	51.2	45.6	44.7	46.4	49.6	53.8	59.0	60.6	62.0	61.9	59.0
Alternative A	55.6	51.1	45.9	44.8	46.4	49.7	53.9	58.8	60.3	62.1	62.1	59.0
Difference	-0.1	-0.2	0.3	0.1	0.0	0.0	0.1	-0.1	-0.3	0.1	0.2	0.0
Percent Difference	-0.2%	-0.3%	0.6%	0.2%	0.1%	0.1%	0.3%	-0.2%	-0.4%	0.2%	0.3%	0.0%
Above Normal (15%)												
No Action Alternative	55.7	50.5	45.9	44.8	46.8	50.8	55.4	60.2	60.3	60.8	62.0	60.7
Alternative A	55.5	50.4	46.2	44.9	46.8	50.9	55.7	60.0	60.5	60.9	62.2	61.0
Difference	-0.2	-0.1	0.3	0.1	0.0	0.1	0.3	-0.2	0.2	0.1	0.2	0.3
Percent Difference	-0.3%	-0.2%	0.6%	0.3%	0.0%	0.1%	0.5%	-0.4%	0.3%	0.2%	0.3%	0.5%
Below Normal (17%)												
No Action Alternative	55.5	50.5	45.8	44.2	46.3	50.8	55.9	59.7	60.2	61.2	61.7	61.9
Alternative A	55.2	50.4	45.8	44.3	46.3	50.9	56.4	60.0	60.4	61.2	61.9	61.6
Difference	-0.3	-0.1	0.0	0.1	0.0	0.1	0.6	0.3	0.2	0.1	0.2	-0.3
Percent Difference	-0.6%	-0.2%	0.0%	0.3%	0.1%	0.2%	1.0%	0.6%	0.3%	0.1%	0.3%	-0.6%
Dry (22%)												
No Action Alternative	56.7	51.0	45.5	44.1	46.9	51.6	56.2	59.3	60.7	61.2	62.1	62.7
Alternative A	56.4	50.8	45.5	44.4	47.0	51.7	56.9	59.7	60.9	61.1	62.0	62.5
Difference	-0.3	-0.2	0.0	0.3	0.0	0.1	0.6	0.4	0.2	0.0	-0.1	-0.2
Percent Difference	-0.5%	-0.4%	0.0%	0.6%	0.0%	0.2%	1.1%	0.8%	0.4%	-0.1%	-0.2%	-0.39
Critical (15%)												
No Action Alternative	59.0	50.6	44.8	44.3	47.8	52.2	55.8	59.8	61.4	63.7	65.1	64.8
Alternative A	58.6	50.4	44.9	44.4	47.8	52.3	56.7	60.3	61.5	63.4	63.7	64.2
Difference	-0.4	-0.2	0.1	0.2	0.1	0.1	0.9	0.5	0.0	-0.3	-1.4	-0.7
Percent Difference	-0.7%	-0.4%	0.2%	0.4%	0.2%	0.2%	1.6%	0.8%	0.1%	-0.4%	-2.2%	-1.09

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

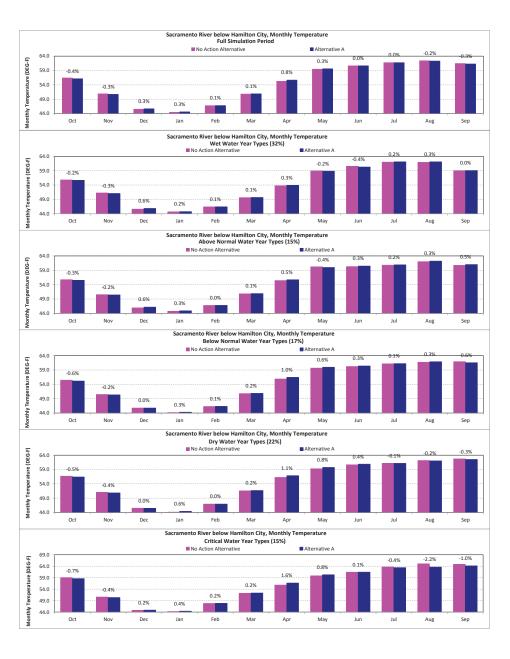


Figure SQ-08-3b Sacramento River below Hamilton City, Monthly Temperature Probability of Exceedance

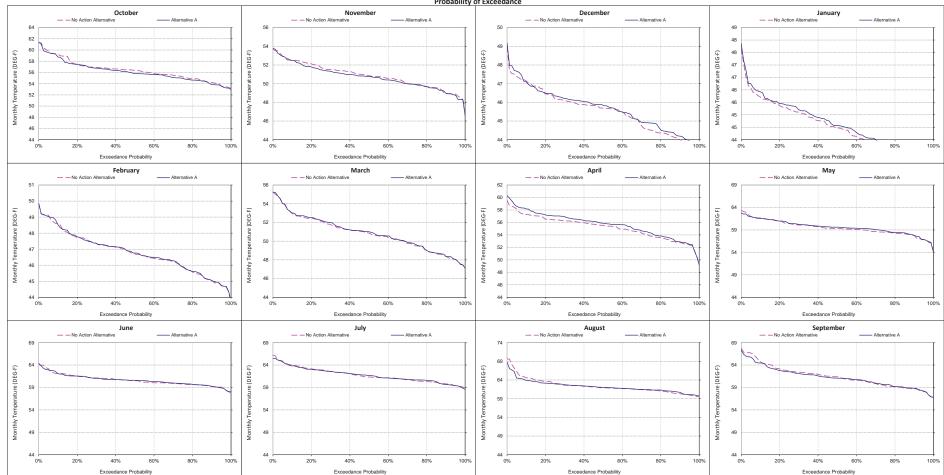


Table SO-08-3b Sacramento River below Hamilton City, Monthly Temperature Probability of Exceedance

Novembe

Octobe

January Percent Percent Percent Percent No Action Alternative Alternative A Absolute Relative Relative Relative Relative Exceedance Exceedance Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG-F) (DEG.E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) 0.0% 61.3 61.4 0.1 0.2% 0.0% 53.7 53.8 0.2% 0.0% 49.0 49.2 0.4% 47.9 0.4% 1.2% 61.3 61.0 -0.3 -0.4% 1.2% 53.5 53.7 0.1 0.3% 1.2% 47.7 48.0 0.3 0.6% 1.2% 47.1 47.2 0.1 0.3% 2.5% 60.4 59.8 -0.9% 2.5% 53.5 53.3 -0.4% 2.5% 47.5 48.0 0.9% 2.5% 46.5 46.8 0.6% 3.7% 3.7% 60.1 59.7 -0.4 -0.7% 3.7% 53.2 53.1 -0.1 -0.3% 3.7% 47.5 47.7 0.2 0.4% 46.2 46.3 0.1 0.2% 4.9% 59.8 59.5 -0.3 -0.5% 4.9% 53.0 52.9 0.0 -0.1% 4.9% 47.4 47.7 0.3 0.6% 4.9% 46.1 46.3 0.2 0.4% 6.2% 6.2% 6.2% 6.2% 59.4 59.4 0.0 0.0% 52.8 52.8 0.0 0.0% 47.3 47.6 0.3 0.6% 45.9 46.1 0.2 0.4% 7.4% 59.3 -0.1% 7.4% 52.5 -0.2-0.4% 7.4% 47.2 0.5% 7.4% 45.9 46.0 0.1 0.3% -0.1 8.6% 8.6% 8.6% 8.6 · . 9.9% 11.1% 12.3% 8.6% 59.3 59.3 0.0 0.0% 52.6 52.5 0.0 -0.1% 47.2 47 1 -0.2% -0.1% 45.8 46.0 0.4% 9.9% -0.9% 0.5% 11.1% 12.3% 59.0 58.7 -0.3 -0.5% 11.1% 52.5 52.5 0.0 -0.1% 11.1% 47.0 47.0 -0.1 -0.2% 45.6 45.9 0.2 0.5% 13.6% 13.6% 13.6% -0.5% 0.1% 58.9 57.8 -11 -1 9% 52.4 522 -0 2 46.9 46.9 0.0 -0.1% 45.6 45.7 0.0 -2.0% 16.0% 16.0% 16.0% 16.0% 58.1 57.6 -0.5 -0.9% 52.3 51.9 -0.4 -0.7% 46.9 46.6 -0.2 -0.5% 45.5 45.6 0.0 0.1% 18.5% 57.5 18.5% -0.6% 18.5% 18.5% 0.1 0.2% 57.5 -0.1 -0.1% 52.2 51.9 -0.3 46.7 46.6 -0.2 -0.3% 45.4 45.5 19.8% 21.0% 57.4 57.2 57.5 57.4 0.2% 51.8 51.7 -0.3 -0.3 19.8% 0.0 0.1% 19.8% 21.0% 0.1 0.1 21.0% 0.2% 52.0 -0.7% 46.4 46.5 45.3 45.4 0.3% 22.2% 23.5% 57.2 57.2 0.1 0.2% 22.2% 23.5% 22.2% 23.5% 22.2% 23.5% 45.4 0.1 57.3 51.6 -0.4 0.1 0.2% 52.0 -0.8% 46.4 46.5 0.1% 45.3 45.4 0.2% 24.7% 25.9% 57.0 57.0 0.3% 24.7% 25.9% 24.7% 25.9% 24.7% 25.9% 45.4 45.4 0.1 51.5 51.4 -0.3 -0.2 -0.5% 46.2 46.3 45.2 0.2 0.4% 51.6 -0.4% 46.3 0.1 0.3% 45.2 0.4% 56.9 46.2 27.2% 28.4% 27.2% 28.4% 57.0 56.9 -0.1% 27.2% 51.4 -n 2 -0.3% 27.2% 46.1 46.3 45.2 45.4 0.2 56.9 -0.1 -0.2% 28.4% 51.5 51.3 -0.2 -0.3% 28.4% 46.1 0.1 0.3% 0.2 0.5% 46.3 45.1 45.3 29.6% 30.9% -0.2% -0.3% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 56.9 56.9 51.3 51.3 -0.2 -0.2 -0.3% -0.5% 0.2% 45.2 45.2 0.1 0.3% 45.1 32.1% 56.8 -0.1 -0.2% 32.1% 51.5 51.2 -0.3 -0.6% 32.1% 46.0 46.2 0.3% 32.1% 45.0 45.2 0.1 0.3% 33.3% -0.2 -0.3% 33.3% 51.2 -0.3 -0.5% 33.3% 46.0 0.1 0.2% 33.3% 45.2 0.1 0.3% 34.6% 56.8 -0.2 -0.3% 34.6% 51.4 51.1 -0.3 -0.6% 34.6% 46.0 46.1 0.3% 34.6% 44.9 45.1 0.2 0.4% 35.8% -0.3% 35.8% 51.1 35.8% 0.2 35.8% 0.1 56.7 -0.5% 0.4% 0.3% 37.0% 56.7 56.4 -0.3-0.5% 37.0% 51.4 51.1 -0.3-0.6% 37.0% 45.9 46.1 0.2 0.5% 37.0% 44.9 45.0 0.1 0.2% 38.3% 56.6 -0.4% 38.3% 51.0 38.3% 38.3% 44.9 44.8 0.3% 39.5% 56.6 56.4 -0.3 -0.5% 39.5% 51.3 51.0 -0.3 -0.7% 39.5% 45.9 46.1 0.2 0.4% 39.5% 44.8 44.9 0.1 0.3% 40.7% 56.6 56.3 -0.5% 40.7% 51.3 51.0 -0.3 -0.6% 40.7% 45.9 46.0 0.2 0.3% 40.7% 44.8 44.9 0.1 0.3% 42.0% 56.6 56.3 -0.3-0.5% 42.0% 51.2 50.9 -0.2-0.4% 42.0% 45.8 46.0 0.2 0.4% 42.0% 44.8 44.8 0.1 0.2% 43.2% 56.5 56.2 -0.3 -0.5% 43.2% 51.1 50.9 -0.2 -0.4% 43.2% 45.8 46.0 0.1 0.3% 43.2% 44.7 44.8 0.1 0.2% 44.4% 56.5 -0.3 -0.6% 44.4% 51.0 50.8 -0.2 -0.4% 44.4% 45.8 45.9 0.2% 44.4% 44.6 44.8 0.2 0.4% 45.7% 45.7% 45.7% 56.5 56.2 -0.3 -0.6% 51.0 50.8 -0.2 -0.3% 45.8 45.9 0.1 0.2% 45.7% 44.6 44.8 0.2 0.4% -0.8% 0.1 46.9% 56.5 56.0 -0.446.9% 51.0 50.8 -0.2-0.3% 46.9% 45.8 45.9 0.1% 46.9% 44.5 44.6 0.2% 48.1% 49.4% 0.4% 56.5 56.0 -0.5 -0.8% 48.1% 50.9 50.8 -0.1 -0.2% 48.1% 45.7 45.9 0.2 48.1% 44.5 44.6 0.0 0.1% 56.4 -0.6-1.0% 49.4% 50.8 -0.2% 49.4% 45.7 0.4% 49.4% 44.5 44.6 0.1 0.2% 50.6% 50.6% 50.6% 50.6% 56.4 55.8 -0.6 -1.0% 50.8 50.8 -0.1 -0.2% 45.7 45.8 0.1 0.3% 44.5 44.6 0.1 0.2% 51.9% 56.3 56.2 55.8 55.8 -0.6 -1.0% 51.9% 50.8 50.7 -0.1-0.2% 45.8 0.1 0.3% 51.9% 53.1% 44.6 0.1 0.2% 53.1% 53.1% 0.3% 53.1% -0.4 -0.1 0.1% -0.8% 50.8 50.7 -0.2% 45.7 45.7 44 4 445 55.6% 56.8% 55.6% 55.6% 55.6% 0.2% 56.0 55.7 -0.3 -0.6% 50.8 50.6 -0.1 -0.3% 45.6 45.7 0.0 0.1% 44.4 44.5 0.1 58.0% 58.0% 58.0% 56.0 55.6 -0.4 -0.7% 50.6 50.4 -0.2 -0.5% 45.6 45.5 -0.1 -0.2% 58.0% 44.2 44.4 0.2 0.6% 60.5% 60.5% 60.5% 55.7 55.6 -0.1 -0.2% 50.6 50.4 -0.2 -0.3% 45.5 45.5 0.0 0.0% 60.5% 44.1 44.3 0.1 0.3% 61.7% -0.2% 61.7% 63.0% 63.0% 55.7 63.0% 63.0% 0.1 55.6 -0.2 -0.3% 50.5 50.3 -0.2 -0.4% 45.3 45.4 0.1 0.3% 44.0 44.2 0.3% 64.2% 65.4% 55.6 55.4 -0.2% -0.4% 64.2% 65.4% 50.3 50.2 -0.3% -0.4% 64.2% 65.4% 45.2 45.1 64.2% 65.4% 44.0 43.9 0.1 55.6 -0.2 -0.2 45.2 0.0 44.1 0.3% 50.4 0.1% 66.7% 67.9% -0.5% -0.6% 66.7% 67.9% 66.7% 67.9% 45.1 45.1 66.7% 67.9% 55.6 55.3 55.3 -0.3 50.4 50.2 50.1 -0.2 -0.4% 45.1 0.0 0.0% 43.9 44 1 0.2 0.3% 55.6 -0.3 -0.2 0.0 50.2 44.1 -0.3% 45.1 0.0% 43.8 0.5% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 55.1 55.1 -0 8º/ 50.0 -0.1% 44 Q 43.8 44.1 0.3 55.4 -0.3 -0.6% 50.0 50.0 0.0 0.0% 44.7 44.9 0.2 0.5% 43.7 44.0 0.6% 71.6% 55.4 55.0 -0.4 -0.7% -0.6% 71.6% 50.0 0.0% 71.6% 44 6 44 9 0.3 71.6% 439 0.2 72.8% 55.4 55.0 -0.3 72.8% 50.0 50.0 0.0 0.0% 72.8% 44.6 44.9 0.3 0.7% 72.8% 43.7 43.9 0.2 0.4% -0.6% -0.5% 74.1% 75.3% 74.1% 75.3% 74.1% 49.9 74.1% 44.5 0.9% 43.9 0.2 75.3% -0.1% 75.3% 43.9 0.5% 76.5% 55.1 -0.4 -0.6% 76.5% 49.9 49.8 -0.1% 76.5% 44.4 44.9 0.4 1.0% 76.5% 43.5 43.8 0.3 0.7% 77.8% -0.3% 77.8% 77.8% 1.0% 77.8% 0.3 0.7% -0.2 49.8 0.0% 0.5 43.8 79.0% 54.9 -0.2 -0.4% 79.0% 49.7 49.7 0.0 -0.1% 79.0% 44.4 44.6 0.3 0.6% 79.0% 43.5 43.8 0.3 0.7% 80.2% -0.4% 80.2% 49.7 80.2% 44.4 80.2% 43.7 54.9 54.6 49.7 0.0% 44.5 0.3% 43.5 0.5% 81.5% 54.9 54.6 -0.2-0.4% 81.5% 49.7 49.6 -0.2% 81.5% 44.4 44.5 0.3% 81.5% 43.4 43.6 0.2 0.4% 82.7% 82.7% 54.9 54.5 -0.6% 82.7% 49.5 -0.1% 44.3 44.5 0.3% 82.7% 43.4 43.5 0.0 0.1% 84.0% 54.7 -0.1 -0.2% 84.0% 49.6 49.5 -0.1% 84.0% 44.3 44.4 0.3% 84.0% 43.3 43.4 0.1 0.3% 85.2% 54.6 54.5 -0.1 -0.3% 85.2% 49.6 49.5 0.0 -0.1% 85.2% 44.2 44.4 0.2 0.5% 85.2% 43.2 43.4 0.1 0.3% 86.4% 54.5 0.1% 86.4% 49.5 49.3 -0.4% 86.4% 44.1 44.4 0.6% 86.4% 43.2 43.3 0.2 0.4% 87.7% 54.3 54.3 0.0 0.1% 87.7% 49.4 493 -0.1 -0.1% 87.7% 44 1 443 0.1 0.3% 87.7% 43.1 433 0.2 0.4% 88.9% 54.2 54.0 -0.2 -0.4% 88.9% 49.0 49.2 0.2 0.3% 88.9% 44.1 44.2 0.1 0.3% 88.9% 43.1 43.3 0.1 0.3% 90.1% 54.2 53.9 -0.3 -0.6% 90.1% 49.0 48.9 0.0 -0.1% 90.1% 44.0 44.2 0.2 0.5% 90.1% 43.1 43.2 0.1 0.2% 91.4% 53.8 53.8 -0.6% 91.4% 48.9 91.4% 43.9 91.4% 42.9 43.1 0.2 92.6% 92.6% 92.6% 54.0 -0.2 -0.4% 48 9 48 9 0.0 0.1% 43.8 44.0 0.3 0.6% 92.6% 42 9 429 0.0% 93.8% -0.3% 48.8 93.8% 42.8 0.0 54.0 53.8 -0.293.8% 48.9 -0.1-0.2% 93.8% 43.7 44.0 0.3 0.6% 42.8 0.0% 95.1% 95.1% 95.1% 95.1% 53.5 53.6 0.1 0.1% 48.9 48.8 -0.1 -0.2% 43.7 43.9 0.2 0.5% 42.7 42.7 0.0 0.1% 96.3% 53.3 -0.3% 96.3% 48.3 -0.7% 96.3% 97.5% 43.5 43.8 0.3 0.6% 96.3% 97.5% 42.5 42.7 0.2 0.5% 97.5% 97.5% 0.2% 53.4 53.2 -0 2 -0.4% 48 5 483 -0 2 -0.4% 43.5 435 -0.1% 42 4 425 -0.2% 0.0% 98.8% 42.2 0.0% 100.0% 100.0% 100.0% 100.0% 53.2 53.0 0.0 -0.4% 47.5 46.5 -0.9 -2.0% 41.7 41.9 0.1 0.3% 41.6 42.1 0.5 1.1%

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

					-				Probability	of Exceedance									
Percent		February			Percent		March			Percent		April			Percent		May		
Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative
Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)
0.0%	49.8	49.9	0.0	0.1%	0.0%	55.3	55.2	0.0	0.0%	0.0%	59.5	60.3	0.8	1.3%	0.0%	63.3	62.8	-0.6	-0.9%
1.2%	49.2	49.2	0.0	0.0%	1.2%	55.0	55.2	0.2	0.4%	1.2%	58.7	59.9	1.2	2.0%	1.2%	63.1	62.6	-0.5	-0.8%
2.5% 3.7%	49.1 49.1	49.2 49.1	0.0	0.1%	2.5% 3.7%	54.8 54.6	54.9 54.5	0.1	0.1% -0.1%	2.5% 3.7%	58.6 58.4	59.4 58.9	0.8 0.5	1.4% 0.9%	2.5% 3.7%	62.9 62.4	62.5 62.1	-0.4 -0.3	-0.6% -0.5%
4.9%	49.1	49.0	-0.1	-0.2%	4.9%	54.1	54.0	0.0	0.0%	4.9%	58.2	58.6	0.5	0.5%	4.9%	62.4	62.0	0.3	0.1%
6.2%	48.9	49.0	0.1	0.3%	6.2%	53.9	54.0	0.1	0.2%	6.2%	57.7	58.4	0.8	1.3%	6.2%	61.8	61.8	0.1	0.1%
7.4%	48.7	49.0	0.2	0.5%	7.4%	53.5	53.4	-0.1	-0.1%	7.4%	57.5	58.3	0.9	1.5%	7.4%	61.6	61.8	0.1	0.2%
8.6% 9.9%	48.6 48.6	48.8 48.5	0.2 -0.1	0.5% -0.1%	8.6% 9.9%	53.2 53.0	53.2 53.0	0.0	0.1% 0.1%	8.6% 9.9%	57.3 57.3	58.3 58.2	1.0 0.9	1.7%	8.6% 9.9%	61.6 61.5	61.6 61.6	0.1 0.1	0.1%
11.1%	48.5	48.3	-0.2	-0.3%	11.1%	52.8	53.0	0.2	0.4%	11.1%	57.3	58.2	0.9	1.6%	11.1%	61.4	61.6	0.1	0.2%
12.3%	48.2	48.2	0.0	0.0%	12.3%	52.7	52.7	0.0	0.1%	12.3%	57.1	57.8	0.7	1.2%	12.3%	61.4	61.5	0.1	0.1%
13.6% 14.8%	48.1 48.1	48.2 48.2	0.1	0.2% 0.2%	13.6% 14.8%	52.7 52.6	52.7 52.7	0.0	0.1%	13.6% 14.8%	57.1 57.1	57.7 57.5	0.7	1.2%	13.6% 14.8%	61.4 61.3	61.4 61.4	0.0	-0.1% 0.1%
16.0%	47.9	48.0	0.1	0.1%	16.0%	52.5	52.7	0.2	0.4%	16.0%	57.0	57.5	0.4	0.8%	16.0%	61.3	61.3	0.1	0.2%
17.3%	47.9	47.9	0.0	0.1%	17.3%	52.5	52.6	0.1	0.2%	17.3%	57.0	57.4	0.4	0.6%	17.3%	61.1	61.2	0.1	0.1%
18.5% 19.8%	47.8 47.7	47.9 47.8	0.1 0.1	0.1% 0.1%	18.5% 19.8%	52.4 52.4	52.6 52.5	0.1	0.2%	18.5% 19.8%	56.9 56.5	57.4 57.2	0.5 0.7	0.8% 1.2%	18.5% 19.8%	61.0 61.0	61.1 61.0	0.1	0.1% -0.1%
21.0%	47.7	47.7	0.0	0.1%	21.0%	52.4	52.5	0.1	0.2%	21.0%	56.5	57.1	0.6	1.1%	21.0%	61.0	61.0	0.0	0.0%
22.2%	47.7	47.7	0.0	-0.1%	22.2%	52.4	52.4	0.0	0.0%	22.2%	56.5	57.1	0.6	1.1%	22.2%	60.6	61.0	0.4	0.6%
23.5%	47.7 47.6	47.6 47.6	-0.1	-0.2%	23.5%	52.3	52.3 52.3	0.0	0.0%	23.5%	56.5 56.4	57.1	0.6	1.0%	23.5% 24.7%	60.5	60.8	0.3	0.5%
24.7% 25.9%	47.5 47.5	47.5 47.5	-0.1 -0.1	-0.1% -0.1%	24.7% 25.9%	52.1 52.1	52.3 52.2	0.1	0.2%	24.7% 25.9%	56.4 56.4	57.0 57.0	0.7 0.7	1.2% 1.2%	25.9%	60.5 60.3	60.5 60.4	0.0	0.0%
27.2%	47.4	47.5	0.0	0.1%	27.2%	51.9	52.1	0.2	0.4%	27.2%	56.4	57.0	0.7	1.2%	27.2%	60.2	60.4	0.2	0.3%
28.4%	47.4	47.4	0.0	0.0%	28.4%	51.8	52.0	0.2	0.4%	28.4%	56.3	57.0	0.7	1.2%	28.4%	60.1	60.4	0.2	0.4%
29.6% 30.9%	47.4 47.3	47.4 47.3	0.0	0.0%	29.6% 30.9%	51.8 51.7	52.0 52.0	0.2	0.4% 0.5%	29.6% 30.9%	56.3 56.2	57.0 56.8	0.7 0.5	1.3% 1.0%	29.6% 30.9%	60.1 60.1	60.3 60.2	0.2 0.1	0.3% 0.1%
30.9%	47.3	47.3	0.0	0.0%	30.9%	51.7	52.0	0.3	0.5%	30.9%	56.2	56.7	0.5	0.8%	30.9%	60.1	60.2	0.1	0.1%
33.3%	47.2	47.3	0.0	0.1%	33.3%	51.4	51.6	0.1	0.3%	33.3%	56.2	56.7	0.5	0.8%	33.3%	60.1	60.1	0.1	0.1%
34.6%	47.2	47.3	0.0	0.0%	34.6%	51.4	51.6	0.1	0.3%	34.6%	56.2	56.6	0.4	0.7%	34.6%	60.1	60.1	0.0	0.0%
35.8% 37.0%	47.2 47.2	47.2 47.2	-0.1 0.0	-0.1% -0.1%	35.8% 37.0%	51.4 51.3	51.4 51.3	0.0	0.0% -0.1%	35.8% 37.0%	56.1 56.1	56.5 56.5	0.4 0.4	0.8%	35.8% 37.0%	59.9 59.8	60.0 60.0	0.1 0.1	0.1% 0.2%
38.3%	47.2	47.2	0.0	0.0%	38.3%	51.2	51.3	0.0	0.0%	38.3%	56.0	56.4	0.4	0.8%	38.3%	59.7	60.0	0.1	0.3%
39.5%	47.2	47.1	0.0	0.0%	39.5%	51.2	51.2	0.0	0.0%	39.5%	56.0	56.4	0.4	0.7%	39.5%	59.7	59.9	0.1	0.2%
40.7%	47.1	47.1	0.0	0.0%	40.7%	51.1	51.2	0.0	0.1%	40.7%	55.9	56.3 56.2	0.3	0.6%	40.7%	59.7	59.8	0.2	0.3%
42.0% 43.2%	47.1 47.0	47.1 47.1	0.0	0.1% 0.2%	42.0% 43.2%	51.1 51.1	51.1 51.1	0.0	0.0%	42.0% 43.2%	55.8 55.8	56.2 56.2	0.4	0.7%	42.0% 43.2%	59.5 59.5	59.8 59.8	0.3	0.4%
44.4%	47.0	47.0	0.0	0.1%	44.4%	51.1	51.1	0.0	0.1%	44.4%	55.7	56.2	0.5	0.9%	44.4%	59.4	59.7	0.3	0.5%
45.7%	46.9	46.9	0.0	-0.1%	45.7%	51.0	51.1	0.1	0.1%	45.7%	55.7	56.2	0.5	0.8%	45.7%	59.4	59.7	0.3	0.5%
46.9%	46.9	46.9 46.8	0.0	0.0%	46.9% 48.1%	51.0 50.9	51.1 51.0	0.0	0.1%	46.9%	55.7	56.1 55.9	0.4	0.7%	46.9% 48.1%	59.4 59.3	59.6 59.6	0.3	0.4%
48.1% 49.4%	46.8 46.7	46.8	0.1	0.2%	49.4%	50.9	51.0	0.1	0.3%	48.1% 49.4%	55.6 55.6	55.9	0.4	0.7%	49.4%	59.3	59.6	0.3	0.5% 0.5%
50.6%	46.7	46.8	0.1	0.2%	50.6%	50.8	51.0	0.2	0.3%	50.6%	55.5	55.9	0.4	0.7%	50.6%	59.3	59.6	0.3	0.5%
51.9%	46.7	46.7	0.1	0.2%	51.9%	50.6	50.9	0.3	0.5%	51.9%	55.4	55.8	0.4	0.7%	51.9%	59.3	59.6	0.3	0.5%
53.1% 54.3%	46.7 46.6	46.6 46.6	0.0	-0.1% 0.0%	53.1% 54.3%	50.6 50.6	50.8 50.6	0.2	0.3%	53.1% 54.3%	55.4 55.4	55.8 55.7	0.4	0.6%	53.1% 54.3%	59.2 59.2	59.5 59.5	0.3	0.5%
55.6%	46.6	46.6	0.0	0.0%	55.6%	50.5	50.6	0.0	0.1%	55.6%	55.4	55.7	0.3	0.5%	55.6%	59.2	59.4	0.3	0.4%
56.8%	46.5	46.5	0.1	0.1%	56.8%	50.5	50.6	0.1	0.1%	56.8%	55.3	55.7	0.3	0.6%	56.8%	59.2	59.4	0.3	0.4%
58.0%	46.5	46.5	0.0	0.1%	58.0%	50.5	50.6	0.1	0.2%	58.0%	55.0	55.7	0.7	1.3%	58.0%	59.2	59.4	0.2	0.4%
59.3% 60.5%	46.4 46.4	46.5 46.5	0.0	0.1%	59.3% 60.5%	50.5 50.3	50.6 50.6	0.1	0.2%	59.3% 60.5%	55.0 54.9	55.6 55.6	0.7	1.2%	59.3% 60.5%	59.1 59.1	59.4 59.4	0.3	0.5%
61.7%	46.4	46.5	0.1	0.2%	61.7%	50.3	50.3	0.0	0.0%	61.7%	54.9	55.6	0.7	1.2%	61.7%	59.1	59.4	0.3	0.4%
63.0%	46.4	46.5	0.1	0.2%	63.0%	50.2	50.2	0.0	0.1%	63.0%	54.8	55.4	0.6	1.0%	63.0%	59.0	59.4	0.3	0.6%
64.2% 65.4%	46.3 46.3	46.4 46.4	0.0	0.1%	64.2% 65.4%	50.2 50.1	50.2 50.1	0.1	0.1% 0.1%	64.2% 65.4%	54.7 54.6	55.3 55.0	0.6 0.4	1.1%	64.2% 65.4%	59.0 58.9	59.3 59.3	0.3 0.4	0.5% 0.7%
66.7%	46.3	46.4	0.0	0.1%	66.7%	50.1	50.1	0.0	0.1%	66.7%	54.6	54.8	0.4	0.7%	66.7%	58.9	59.3	0.4	0.6%
67.9%	46.3	46.3	0.0	0.1%	67.9%	50.0	50.1	0.0	0.1%	67.9%	54.5	54.8	0.3	0.6%	67.9%	58.7	59.2	0.5	0.8%
69.1%	46.2	46.3	0.0	0.1%	69.1%	49.8	49.9	0.2	0.3%	69.1%	54.5	54.8	0.3	0.5%	69.1%	58.7	59.2	0.5	0.9%
70.4% 71.6%	46.2 46.1	46.3 46.2	0.0	0.1%	70.4% 71.6%	49.8 49.7	49.8	0.1	0.1%	70.4% 71.6%	54.2 54.2	54.6 54.5	0.4	0.8%	70.4% 71.6%	58.6 58.6	59.1 59.0	0.4	0.7%
72.8%	46.1	46.1	0.0	-0.1%	72.8%	49.7	49.8	0.1	0.2%	72.8%	54.1	54.5	0.4	0.7%	72.8%	58.5	58.9	0.4	0.7%
74.1%	45.9	45.9	0.0	0.0%	74.1%	49.5	49.7	0.2	0.4%	74.1%	53.8	54.3	0.5	0.9%	74.1%	58.5	58.8	0.3	0.5%
75.3% 76.5%	45.8 45.7	45.9 45.8	0.1	0.1% 0.1%	75.3% 76.5%	49.5 49.4	49.6 49.5	0.1	0.1% 0.1%	75.3% 76.5%	53.8 53.7	54.3 54.0	0.5 0.3	0.9%	75.3% 76.5%	58.5 58.5	58.7 58.7	0.3 0.2	0.5% 0.3%
76.5%	45.7 45.7	45.8 45.7	0.0	0.1%	76.5% 77.8%	49.4 49.4	49.5 49.5	0.0	0.1%	76.5% 77.8%	53.7	54.0 53.9	0.3	0.6%	76.5% 77.8%	58.5 58.4	58.7 58.5	0.2	0.3%
79.0%	45.7	45.7	0.0	0.0%	79.0%	49.1	49.1	0.0	0.1%	79.0%	53.6	53.8	0.2	0.4%	79.0%	58.3	58.5	0.1	0.3%
80.2%	45.6	45.6	0.0	0.1%	80.2%	49.0	49.0	0.0	0.0%	80.2%	53.5	53.8	0.3	0.6%	80.2%	58.3	58.4	0.1	0.3%
81.5% 82.7%	45.5 45.5	45.6 45.5	0.1	0.2%	81.5% 82.7%	48.8 48.8	48.9 48.8	0.0	0.1%	81.5% 82.7%	53.4 53.3	53.7 53.7	0.3 0.3	0.5%	81.5% 82.7%	58.2 58.2	58.4 58.4	0.2	0.4%
84.0%	45.5 45.4	45.5	0.1	0.2%	84.0%	46.6	48.8	0.0	0.0%	84.0%	53.3	53.6	0.3	0.6%	84.0%	58.2	58.4	0.2	0.4%
85.2%	45.3	45.3	0.0	0.0%	85.2%	48.6	48.7	0.1	0.1%	85.2%	53.0	53.4	0.5	0.9%	85.2%	58.1	58.3	0.2	0.4%
86.4%	45.2	45.2	0.0	0.0%	86.4%	48.6	48.7	0.1	0.2%	86.4%	52.9	53.3	0.4	0.7%	86.4%	58.0	58.2	0.2	0.3%
87.7% 88.9%	45.2 45.1	45.1 45.1	0.0	-0.1% 0.1%	87.7% 88.9%	48.6 48.5	48.6 48.6	0.0	0.1% 0.3%	87.7% 88.9%	52.9 52.8	53.0 52.9	0.1 0.1	0.1% 0.2%	87.7% 88.9%	58.0 57.9	58.0 58.0	0.1 0.1	0.1% 0.2%
90.1%	45.0	45.0	0.0	0.1%	90.1%	48.4	48.4	0.0	0.0%	90.1%	52.8	52.9	0.1	0.2%	90.1%	57.9 57.7	57.8	0.0	0.2%
91.4%	44.9	45.0	0.1	0.1%	91.4%	48.2	48.4	0.1	0.3%	91.4%	52.7	52.8	0.1	0.3%	91.4%	57.1	57.6	0.5	0.9%
92.6%	44.9	44.9	0.1	0.1%	92.6%	48.2	48.3	0.2	0.4%	92.6%	52.5	52.8	0.2	0.5%	92.6%	57.1	57.5	0.4	0.8%
93.8% 95.1%	44.9 44.7	44.9 44.7	0.0	0.1% 0.1%	93.8% 95.1%	48.1 48.0	48.1 48.0	0.0	0.0%	93.8% 95.1%	52.5 52.4	52.6 52.5	0.1 0.1	0.2% 0.2%	93.8% 95.1%	56.9 56.9	56.9 56.8	-0.1 0.0	-0.1% 0.0%
96.3%	44.7	44.7	0.0	0.0%	96.3%	47.8	47.8	0.0	0.0%	96.3%	52.3	52.5	0.1	0.4%	96.3%	56.7	56.7	0.0	0.1%
97.5%	44.6	44.7	0.0	0.1%	97.5%	47.5	47.6	0.1	0.1%	97.5%	51.5	51.4	0.0	-0.1%	97.5%	56.4	56.3	-0.2	-0.3%
98.8%	44.3 43.7	44.3 43.7	0.0	0.1%	98.8%	47.5 47.1	47.5 47.1	0.0	0.0%	98.8%	50.5 49.2	50.5 49.2	0.0	-0.1%	98.8%	56.2 54.2	56.1 54.2	-0.1 0.0	-0.3%
100.0%	43.1	43.1	0.0	0.0%	100.0%	47.1	47.1	0.0	0.0%	100.0%	49.2	49.2	0.0	0.0%	100.0%	54.2	54.2	0.0	0.0%

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

									Probability	of Exceedance									
Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative
Probability	Monthly Temperature		Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
0.0%	(DEG-F) 64.0	(DEG-F) 64.4	0.3	0.5%	(%) 0.0%	(DEG-F) 66.2	(DEG-F) 65.5	-0.7	4.40/		(DEG-F) 69.7	(DEG-F) 68.7	-0.9	-1.3%		(DEG-F) 67.8	(DEG-F) 67.3	-0.5	0.70/
1.2%	64.0	63.8	-0.2	-0.2%	1.2%	66.0	65.5 65.5	-0.7	-1.1% -0.9%	1.2%	69.7	67.1	-0.9	-1.3% -3.7%	1.2%	66.9	66.4	-0.5	-0.7% -0.6%
2.5%	63.9	63.3	-0.7	-1.0%	2.5%	65.0	65.1	0.1	0.2%	2.5%	68.1	66.7	-1.5	-2.2%	2.5%	66.8	66.0	-0.9	-1.3%
3.7%	63.4	63.0	-0.4	-0.7%	3.7%	65.0	65.0	0.0	0.0%	3.7%	67.2	66.3	-0.9	-1.3%	3.7%	66.8	65.8	-1.0	-1.5%
4.9%	63.2	62.9	-0.3	-0.5%	4.9%	64.7	64.9	0.2	0.4%	4.9%	66.3	64.5	-1.8	-2.7%	4.9%	66.7	65.8	-0.9	-1.3%
6.2% 7.4%	62.5 62.3	62.8 62.7	0.3	0.5%	6.2% 7.4%	64.5 64.2	64.3 64.2	-0.2 0.0	-0.2% 0.1%	6.2% 7.4%	65.3 65.0	64.4 64.4	-0.9 -0.6	-1.4% -0.9%	6.2% 7.4%	66.5 65.9	65.4 64.6	-1.1 -1.3	-1.6% -2.0%
8.6%	62.2	62.6	0.4	0.7%	8.6%	64.1	63.9	-0.2	-0.3%	8.6%	64.9	64.2	-0.7	-1.1%	8.6%	65.3	64.5	-0.8	-1.3%
9.9%	62.1	62.1	-0.1	-0.1%	9.9%	64.0	63.8	-0.2	-0.3%	9.9%	64.6	63.9	-0.7	-1.1%	9.9%	64.8	64.5	-0.3	-0.4%
11.1%	62.1	62.0	-0.1	-0.2%	11.1%	63.9	63.8	-0.1	-0.1%	11.1%	64.5	63.8	-0.7	-1.1%	11.1%	64.4	64.4	0.0	0.1%
12.3% 13.6%	62.1 62.0	62.0 61.7	-0.1 -0.3	-0.2% -0.5%	12.3% 13.6%	63.8 63.7	63.6 63.5	-0.2 -0.3	-0.3% -0.4%	12.3% 13.6%	64.5 64.2	63.8 63.6	-0.7 -0.7	-1.1% -1.1%	12.3% 13.6%	64.3 64.2	64.2 63.6	-0.1 -0.6	-0.1% -0.9%
14.8%	62.0	61.6	-0.3	-0.6%	14.8%	63.6	63.4	-0.2	-0.3%	14.8%	64.0	63.5	-0.7	-0.6%	14.8%	64.1	63.3	-0.7	-1.1%
16.0%	61.8	61.6	-0.2	-0.3%	16.0%	63.4	63.3	-0.1	-0.1%	16.0%	63.9	63.5	-0.4	-0.6%	16.0%	64.0	63.3	-0.7	-1.1%
17.3%	61.7	61.6	-0.1	-0.2%	17.3%	63.3	63.1	-0.2	-0.3%	17.3%	63.8	63.3	-0.6	-0.9%	17.3%	63.3	63.1	-0.2	-0.3%
18.5% 19.8%	61.7 61.6	61.5 61.5	-0.1 0.0	-0.2% 0.0%	18.5% 19.8%	63.2 63.2	63.1 63.1	-0.2 -0.1	-0.3% -0.1%	18.5% 19.8%	63.7 63.7	63.2 63.2	-0.5 -0.5	-0.8% -0.8%	18.5% 19.8%	63.2 63.2	63.0 62.8	-0.3 -0.4	-0.4% -0.6%
21.0%	61.4	61.5	0.0	0.1%	21.0%	63.1	63.0	-0.1	-0.2%	21.0%	63.6	63.1	-0.5	-0.8%	21.0%	63.0	62.7	-0.4	-0.4%
22.2%	61.4	61.5	0.1	0.2%	22.2%	63.0	62.9	-0.1	-0.1%	22.2%	63.6	63.1	-0.5	-0.8%	22.2%	62.8	62.6	-0.2	-0.4%
23.5%	61.4	61.5	0.1	0.1%	23.5%	62.9	62.9	0.0	0.0%	23.5%	63.4	63.0	-0.4	-0.6%	23.5%	62.8	62.5	-0.3	-0.5%
24.7%	61.3	61.4	0.0	0.1%	24.7%	62.9	62.8	-0.1	-0.2%	24.7%	63.1	63.0	-0.1	-0.2%	24.7%	62.6	62.5	-0.2	-0.3%
25.9% 27.2%	61.2 61.2	61.2 61.1	0.0	0.0%	25.9% 27.2%	62.9 62.7	62.7 62.7	-0.2 -0.1	-0.3% -0.1%	25.9% 27.2%	63.1 63.0	62.9 62.9	-0.2 -0.1	-0.3% -0.1%	25.9% 27.2%	62.6 62.6	62.4 62.3	-0.1 -0.2	-0.2% -0.4%
28.4%	61.1	61.1	-0.1	-0.2%	28.4%	62.7	62.6	-0.1	-0.1%	28.4%	62.8	62.9	0.1	0.2%	28.4%	62.4	62.2	-0.2	-0.4%
29.6%	61.1	61.0	-0.1	-0.2%	29.6%	62.6	62.6	0.0	0.0%	29.6%	62.6	62.8	0.2	0.2%	29.6%	62.4	62.2	-0.2	-0.4%
30.9%	61.1 61.1	61.0 61.0	-0.1	-0.1% -0.1%	30.9% 32.1%	62.5 62.4	62.6 62.4	0.1	0.1%	30.9%	62.6 62.6	62.7 62.6	0.1	0.2%	30.9% 32.1%	62.4 62.3	62.0 62.0	-0.4	-0.6%
32.1% 33.3%	61.0	60.9	-0.1 -0.2	-0.1%	32.1%	62.4	62.4	0.0	0.0%	32.1% 33.3%	62.5	62.6	0.1	0.1%	32.1%	62.3	62.0	-0.4 -0.4	-0.6% -0.7%
34.6%	61.0	60.8	-0.2	-0.3%	34.6%	62.4	62.4	0.0	0.0%	34.6%	62.5	62.6	0.0	0.0%	34.6%	62.2	61.8	-0.3	-0.5%
35.8%	61.0	60.8	-0.2	-0.4%	35.8%	62.3	62.3	0.0	0.0%	35.8%	62.5	62.6	0.0	0.1%	35.8%	62.1	61.8	-0.3	-0.4%
37.0%	61.0	60.8	-0.2	-0.3%	37.0%	62.3	62.3	0.0	0.0%	37.0%	62.5	62.5	0.0	0.0%	37.0%	62.1	61.8	-0.3	-0.4%
38.3% 39.5%	61.0 60.8	60.8 60.8	-0.2 0.0	-0.3% 0.0%	38.3% 39.5%	62.2 62.1	62.2 62.1	-0.1 0.0	-0.1% 0.1%	38.3% 39.5%	62.5 62.4	62.4 62.3	0.0 -0.1	0.0%	38.3% 39.5%	62.0 62.0	61.8 61.7	-0.3 -0.3	-0.4% -0.5%
40.7%	60.8	60.7	-0.1	-0.1%	40.7%	61.9	62.1	0.0	0.2%	40.7%	62.4	62.3	-0.1	-0.1%	40.7%	61.8	61.5	-0.3	-0.5%
42.0%	60.7	60.7	0.0	0.0%	42.0%	61.8	62.0	0.2	0.3%	42.0%	62.4	62.3	-0.1	-0.1%	42.0%	61.7	61.4	-0.3	-0.6%
43.2%	60.7	60.7	0.0	0.0%	43.2%	61.8	61.9	0.1	0.2%	43.2%	62.2	62.3	0.1	0.2%	43.2%	61.6	61.4	-0.3	-0.5%
44.4%	60.7	60.7 60.7	0.0	0.0%	44.4%	61.6	61.9 61.8	0.3	0.4%	44.4%	62.2 62.1	62.2 62.2	0.1 0.1	0.1%	44.4%	61.5	61.3 61.2	-0.3	-0.4%
45.7% 46.9%	60.6 60.6	60.6	0.0	0.0%	45.7% 46.9%	61.6 61.5	61.8	0.3	0.4%	45.7% 46.9%	62.1	62.1	0.0	0.1%	45.7% 46.9%	61.5 61.5	61.1	-0.3 -0.3	-0.4% -0.5%
48.1%	60.6	60.6	0.0	0.1%	48.1%	61.3	61.8	0.4	0.7%	48.1%	61.9	62.1	0.1	0.2%	48.1%	61.4	61.1	-0.3	-0.5%
49.4%	60.5	60.6	0.1	0.1%	49.4%	61.3	61.7	0.3	0.6%	49.4%	61.9	62.0	0.1	0.2%	49.4%	61.4	61.1	-0.3	-0.5%
50.6%	60.5	60.6	0.1	0.2%	50.6%	61.3	61.7	0.3	0.5%	50.6%	61.9	62.0	0.1	0.2%	50.6%	61.4	61.1	-0.3	-0.5%
51.9% 53.1%	60.5 60.2	60.6 60.5	0.1	0.1%	51.9% 53.1%	61.3 61.2	61.6 61.5	0.3	0.5% 0.5%	51.9% 53.1%	61.9 61.8	62.0 62.0	0.1	0.2%	51.9% 53.1%	61.2 61.0	61.1 61.1	-0.1 0.1	-0.2% 0.1%
54.3%	60.2	60.5	0.3	0.5%	54.3%	61.2	61.4	0.2	0.3%	54.3%	61.8	61.9	0.1	0.2%	54.3%	60.9	61.0	0.1	0.1%
55.6%	60.2	60.5	0.3	0.5%	55.6%	61.2	61.2	0.0	0.0%	55.6%	61.8	61.9	0.1	0.2%	55.6%	60.8	60.9	0.1	0.2%
56.8%	60.2	60.5	0.3	0.5%	56.8%	61.2	61.1	0.0	-0.1%	56.8%	61.8	61.8	0.1	0.1%	56.8%	60.7	60.9	0.2	0.4%
58.0% 59.3%	60.1 60.1	60.3 60.3	0.3 0.3	0.4%	58.0% 59.3%	61.1 61.1	61.1 61.1	0.0	0.0%	58.0% 59.3%	61.8 61.7	61.8 61.8	0.1 0.1	0.1%	58.0% 59.3%	60.7 60.6	60.8 60.8	0.2	0.3% 0.4%
60.5%	60.0	60.3	0.3	0.5%	60.5%	61.1	61.1	0.0	0.0%	60.5%	61.7	61.8	0.1	0.1%	60.5%	60.6	60.7	0.2	0.3%
61.7%	60.0	60.3	0.3	0.5%	61.7%	61.1	61.0	-0.1	-0.1%	61.7%	61.7	61.7	0.0	0.0%	61.7%	60.6	60.7	0.2	0.3%
63.0%	60.0	60.2	0.2	0.4%	63.0%	61.1	61.0	-0.1	-0.2%	63.0%	61.7	61.7	0.0	0.0%	63.0%	60.5	60.7	0.2	0.3%
64.2% 65.4%	60.0 60.0	60.2 60.1	0.2	0.3%	64.2% 65.4%	61.0 61.0	60.9 60.9	-0.1 0.0	-0.1% -0.1%	64.2% 65.4%	61.7 61.6	61.6 61.6	0.0 0.1	0.0%	64.2% 65.4%	60.4 60.3	60.6 60.4	0.2	0.3% 0.1%
66.7%	60.0	60.1	0.1	0.2%	66.7%	60.9	60.9	0.0	0.1%	66.7%	61.5	61.6	0.1	0.1%	66.7%	60.3	60.2	0.1	0.1%
67.9%	60.0	60.1	0.1	0.2%	67.9%	60.8	60.9	0.1	0.1%	67.9%	61.5	61.5	0.1	0.1%	67.9%	60.0	60.2	0.2	0.3%
69.1%	59.9	60.0	0.1	0.2%	69.1%	60.7	60.8	0.1	0.1%	69.1%	61.5	61.5	0.0	0.1%	69.1%	59.9	60.0	0.1	0.2%
70.4% 71.6%	59.9 59.9	59.9 59.9	0.1	0.1%	70.4%	60.7 60.7	60.8	0.1	0.1%	70.4% 71.6%	61.4 61.3	61.5 61.5	0.1 0.1	0.1%	70.4% 71.6%	59.8 59.6	59.9 59.9	0.1	0.2%
71.6%	59.9 59.8	59.9 59.9	0.1	0.1%	71.6% 72.8%	60.7	60.7	0.1	0.1%	71.6%	61.3	61.5	0.1	0.2%	71.6%	59.6 59.6	59.9 59.7	0.3	0.5%
74.1%	59.8	59.9	0.1	0.2%	74.1%	60.5	60.7	0.2	0.3%	74.1%	61.3	61.4	0.2	0.2%	74.1%	59.5	59.7	0.1	0.2%
75.3%	59.7	59.8	0.2	0.3%	75.3%	60.4	60.7	0.3	0.4%	75.3%	61.2	61.3	0.1	0.1%	75.3%	59.3	59.6	0.3	0.5%
76.5%	59.7	59.8	0.2	0.3%	76.5%	60.4	60.7	0.3	0.4%	76.5%	61.2	61.3	0.1	0.1%	76.5%	59.2	59.6	0.4	0.7%
77.8% 79.0%	59.6 59.6	59.8 59.8	0.1 0.2	0.2%	77.8% 79.0%	60.4 60.4	60.7 60.7	0.3	0.5% 0.5%	77.8% 79.0%	61.2 61.1	61.3 61.3	0.1 0.2	0.2%	77.8% 79.0%	59.2 59.2	59.5 59.3	0.3	0.5%
80.2%	59.6	59.6	0.0	0.0%	80.2%	60.3	60.5	0.3	0.4%	80.2%	61.0	61.3	0.2	0.5%	80.2%	59.1	59.2	0.0	0.1%
81.5%	59.6	59.6	0.0	0.0%	81.5%	60.3	60.5	0.2	0.4%	81.5%	61.0	61.1	0.2	0.3%	81.5%	59.1	59.2	0.1	0.1%
82.7%	59.6	59.6	0.0	0.0%	82.7%	60.2	60.5	0.3	0.4%	82.7%	60.9	61.1	0.2	0.3%	82.7%	59.1	59.1	0.1	0.1%
84.0%	59.5 59.5	59.6 59.6	0.0	0.1%	84.0%	60.1 60.1	60.4 60.3	0.3 0.1	0.5%	84.0%	60.7	61.1 61.0	0.4	0.6%	84.0%	58.9 58.8	59.1 59.0	0.2 0.1	0.3%
85.2% 86.4%	59.5 59.4	59.6 59.5	0.1	0.1%	85.2% 86.4%	60.0	59.9	-0.1	0.2% -0.1%	85.2% 86.4%	60.6 60.5	61.0	0.4	0.6%	85.2% 86.4%	58.8	59.0 58.9	0.1	0.2%
87.7%	59.4	59.5	0.1	0.2%	87.7%	59.9	59.8	-0.1	-0.1%	87.7%	60.4	60.9	0.5	0.8%	87.7%	58.8	58.9	0.1	0.1%
88.9%	59.3	59.3	0.0	0.0%	88.9%	59.9	59.7	-0.2	-0.3%	88.9%	60.3	60.8	0.5	0.8%	88.9%	58.7	58.8	0.1	0.2%
90.1%	59.3	59.2	-0.1	-0.1%	90.1%	59.8	59.6	-0.2	-0.3%	90.1%	60.3	60.7	0.4	0.7%	90.1%	58.7	58.8	0.1	0.2%
91.4% 92.6%	59.1 59.1	59.2 59.1	0.0	0.1%	91.4% 92.6%	59.8 59.7	59.6 59.5	-0.2 -0.2	-0.3% -0.3%	91.4% 92.6%	60.2 60.2	60.3 60.2	0.1	0.2% 0.0%	91.4% 92.6%	58.6 58.5	58.8 58.4	0.2 -0.1	0.3% -0.3%
93.8%	59.1	59.0	-0.1	-0.2%	93.8%	59.7	59.5	0.0	-0.1%	93.8%	60.1	60.1	0.0	0.0%	93.8%	58.5	58.3	-0.1	-0.2%
95.1%	59.1	58.9	-0.2	-0.3%	95.1%	59.4	59.4	0.0	0.0%	95.1%	59.9	60.1	0.1	0.2%	95.1%	58.2	58.1	-0.1	-0.1%
96.3%	58.8	58.8	0.0	0.0%	96.3%	59.3	59.3	0.0	0.0%	96.3%	59.8	60.0	0.2	0.3%	96.3%	58.0	58.0	0.0	0.0%
97.5%	58.4	58.3	-0.1	-0.1%	97.5%	59.2	59.1	-0.1	-0.1%	97.5%	59.7	60.0	0.4	0.6%	97.5%	57.3	57.3	0.0	0.0%
98.8% 100.0%	58.1 57.6	58.1 58.0	-0.1 0.5	-0.1% 0.8%	98.8% 100.0%	59.1 58.8	58.9 58.6	-0.3 -0.3	-0.5% -0.5%	98.8% 100.0%	59.6 59.6	59.8 59.7	0.3	0.4%	98.8% 100.0%	57.0 56.8	56.9 56.8	-0.1 0.0	-0.1% 0.0%
100.0%	0.10	36.0	0.0	0.070	100.0%	36.6	56.0	*0.5	*0.576	100.0%	59.0	J9.1	0.1	U.Z /0	100.0%	30.6	30.0	0.0	0.076

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

		Long	tom Ave	age and r	werage by		erature (DI	EC E)				
Analysis Desired	0-4	Marri	D			, ,		,	li un	16.4		c
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period ¹				LOI	ng-term							
No Action Alternative	57.3	51.0	45.3	44.4	47.0	51.4	56.7	61.9	64.0	65.5	65.7	63.4
Alternative A	57.1	50.8	45.4	44.5	47.0	51.5	57.1	62.0	63.6	65.1	65.6	63.3
Difference												
Percent Difference ³	-0.2	-0.1	0.1	0.1	0.0	0.1	0.4	0.2	-0.4	-0.4	-0.1	-0.1
reiceili billeleilice	-0.3%	-0.3%	0.1%	0.1%	0.0% ear Types	0.2%	0.7%	0.2%	-0.6%	-0.6%	-0.1%	-0.19
				water r	ear rypes							
Wet (32%)	56.6	51.3	45.4	44.7	46.6	50.2	54.8	61.0	63.8	65.9	65.4	60.9
No Action Alternative	56.5	51.3	45.4 45.5	44.7		50.2	54.8 54.9		63.2	65.6	65.6	61.0
Alternative A Difference					46.6			60.9				
	-0.1	-0.2	0.2	0.0	0.0	0.0	0.2	-0.1	-0.6	-0.3	0.2	0.0
Percent Difference	-0.2%	-0.3%	0.3%	0.0%	0.0%	0.1%	0.3%	-0.1%	-0.9%	-0.4%	0.3%	0.1%
Above Normal (15%)												
lo Action Alternative	56.8	50.6	45.7	44.8	46.9	51.3	56.8	62.7	64.0	64.7	65.5	62.8
Alternative A	56.7	50.5	45.8	44.8	46.9	51.4	57.1	62.5	63.7	64.3	65.7	63.2
Difference	-0.1	-0.1	0.1	0.0	0.0	0.1	0.3	-0.2	-0.3	-0.4	0.2	0.3
Percent Difference	-0.2%	-0.2%	0.3%	0.1%	0.0%	0.1%	0.5%	-0.2%	-0.5%	-0.6%	0.3%	0.5%
Below Normal (17%)												
No Action Alternative	56.6	50.7	45.5	44.2	46.5	51.5	57.6	62.3	63.7	65.0	65.2	64.1
Alternative A	56.3	50.6	45.5	44.2	46.5	51.6	58.2	62.7	63.5	64.6	65.4	63.8
Difference	-0.3	-0.1	0.0	0.0	0.0	0.1	0.6	0.4	-0.2	-0.4	0.1	-0.3
Percent Difference	-0.5%	-0.2%	-0.1%	0.0%	0.0%	0.2%	1.1%	0.6%	-0.3%	-0.6%	0.2%	-0.59
Ory (22%)												
No Action Alternative	57.6	51.2	45.3	44.1	47.3	52.2	58.1	62.0	64.2	64.9	65.4	64.7
Allemative A	57.5	51.0	45.3	44.3	47.2	52.4	58.9	62.4	64.0	64.5	65.3	64.6
Difference	-0.1	-0.2	0.0	0.2	-0.1	0.1	0.8	0.4	-0.3	-0.5	-0.1	-0.1
Percent Difference	-0.2%	-0.4%	-0.1%	0.4%	-0.1%	0.2%	1.3%	0.7%	-0.4%	-0.7%	-0.1%	-0.19
Critical (15%)												
No Action Alternative	59.6	50.7	44.7	44.3	48.2	53.1	57.8	62.3	64.3	66.8	67.8	66.2
Alternative A	59.3	50.5	44.7	44.4	48.2	53.2	58.1	62.6	64.0	66.3	66.4	65.7
Difference	-0.2	-0.2	0.0	0.1	0.0	0.1	0.3	0.3	-0.3	-0.5	-1.3	-0.5
Percent Difference	-0.4%	-0.4%	0.1%	0.3%	0.0%	0.2%	0.5%	0.5%	-0.5%	-0.7%	-2.0%	-0.89

1 Based on the 82-year simulation period

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



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

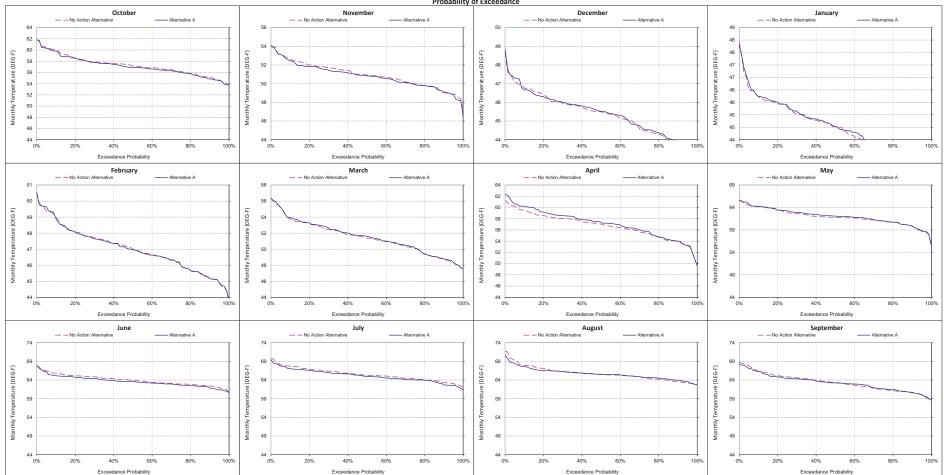


Table SQ-09-3b Sacramento River at Delevan, Monthly Temperature Probability of Exceedance

January

Novembe

Octobe

Percent Percent Percent Percent No Action Alternative Alternative A Absolute Relative Relative Relative Relative Exceedance Exceedance Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG-F) (DEG.E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% 0.0% 61.8 61.8 0.0 0.0% 0.0% 53.9 0.3% 0.0% 48.7 48.8 0.4% 47.8 -0.2% 1.2% 61.8 61.7 -0.1 -0.1% 1.2% 53.9 53.9 0.0 0.0% 1.2% 47.6 47.8 0.2 0.4% 1.2% 47.4 47.4 0.0 0.0% 2.5% 60.7 60.4 -0.4% 2.5% 53.9 53.6 -0.5% 2.5% 47.5 47.5 -0.1-0.1% 2.5% 46.7 46.9 0.5% 3.7% 3.7% 60.7 60.4 -0.2 -0.4% 3.7% 53.2 53.2 0.0 0.0% 3.7% 47.3 47.4 0.1 0.2% 46.5 46.6 0.1 0.1% 4.9% 60.5 60.3 -0.2 -0.3% 4.9% 53.1 53.1 0.0 0.0% 4.9% 47.1 47.3 0.5% 4.9% 46.0 46.3 0.3 0.7% 6.2% 6.2% 6.2% 6.2% 60.3 60.2 -0.2 -0.3% 53.0 53.0 0.0 0.0% 47.1 47.3 0.2 0.5% 46.0 46.0 0.0 0.1% 7.4% 60.0 -0.3% 7.4% 52.7 -0.3% 7.4% 46.9 0.3 0.7% 7.4% 46.0 46.0 0.0 0.0% 8.6% 8.6% 8.6% 8.6 · . 9.9% 11.1% 12.3% 8.6% 60.2 59.9 -0.3 -0.5% 52.8 52.6 -0.2 -0.3% 46.9 46.8 -0.3% 45.8 45.8 0.0% 9.9% -0.4% -0.4% -0.2% 0.0% 11.1% 12.3% 59.9 59.6 -0.3 -0.4% 11.1% 52.5 52.4 -0.1 -0.2% 11.1% 46.7 46.7 -0.1 -0.2% 45.6 45.7 0.1 0.2% 13.6% 13.6% 13.6% -0 9% 0.2% 59.3 58.9 -0.5 -0.8% 52.4 519 -0.5 46.7 46.6 -0.1 -0.3% 45.6 45.7 0.1 16.0% 16.0% 16.0% 16.0% 59.1 58.8 -0.3 -0.6% 52.3 51.9 -0.4 -0.7% 46.5 46.4 -0.2 -0.3% 45.6 45.6 0.0 0.0% 18.5% 0.2% 18.5% -0.5% 18.5% 18.5% 0.0% 58.6 58.7 0.1 52.1 51.9 -0.2 46.5 46.3 -0.2 -0.4% 45.5 45.5 0.0 19.8% 21.0% 58.6 58.3 0.1 0.1% 19.8% 51.8 51.8 -0.2 -0.2 19.8% -0.1 -0.1 19.8% 21.0% 0.1 58.4 52.0 -0.3% 46.4 46.2 -0.2% 45.4 45.4 0.0% 22.2% 23.5% 0.1 22.2% 23.5% -0.2% 22.2% 23.5% -0.1% 0.2% 22.2% 23.5% 45.4 0.0 51.8 58.2 0.1 58.3 0.2% 51.9 -0.1 -0.2% 46.1 45.4 45.4 0.0% 46.2 24.7% 25.9% 0.1% 24.7% 25.9% 24.7% 25.9% 0.2% 24.7% 25.9% 45.4 45.2 58.1 58.2 58.1 0.1 51.7 46.0 45.3 0.1 -0.1 58.0 51.8 51.6 -0.2 -0.5% 46.1 0.1 45.3 -0.1% 46.0 27.2% 28.4% 27.2% 28.4% 27.2% 28.4% 58.0 -0.1% 27.2% 51.6 -0.5% 46 N 45.2 45.2 57.9 -0.1 -0.2% 28.4% 51.7 51.5 -0.2 -0.4% 0.0 0.0% 0.1 0.2% 46.0 46.0 45.1 45.2 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 57.9 57.8 -0.2% -0.1% 51.5 51.4 -0.3 -0.3 -0.5% -0.5% 0.1% 45.1 45.1 0.1 0.2% 45.9 45.0 32.1% 57.8 -0.1% 32.1% 51.6 51.3 -0.3 -0.6% 32.1% 45.9 45.9 0.1% 32.1% 45.0 45.0 0.0 0.0% 33.3% 57.7 -0.2% 33.3% 51.3 -0.3 -0.6% 33.3% 45.9 0.0 0.1% 33.3% 45.0 0.1 0.1% 34.6% 57.7 -0.1 -0.2% 34.6% 51.5 51.3 -0.2 -0.5% 34.6% 45.9 45.9 0.0 0.1% 34.6% 44.9 44.9 0.0 0.0% 35.8% 57.7 -0.2% 35.8% 51.3 -0.5% 35.8% 35.8% 44.9 0.1% 0.1% 37.0% -0.1 -0.2% 37.0% 51.5 51.3 -0.2-0.4% 37.0% 45.8 45.9 0.1% 37.0% 44.8 44.9 0.0 0.1% 38.3% 57.6 57.5 -0.1% 38.3% 51.2 38.3% 38.3% 44.8 0.0 0.0% 44.8 39.5% 57.6 57.4 -0.1 -0.2% 39.5% 51.4 51.2 -0.2 -0.4% 39.5% 45.8 45.8 0.2% 39.5% 44.8 44.8 0.0 0.1% 40.7% 57.6 57.4 -0.3% 40.7% 51.4 51.1 -0.3 -0.5% 40.7% 45.7 45.8 0.1 0.2% 40.7% 44.8 0.1 0.1% 42.0% 57.6 57.4 -0.2-0.3% 42.0% 51.2 51.1 -0.3% 42.0% 45.7 45.8 0.2% 42.0% 44.7 44.8 0.0 0.1% 0.0% 43.2% 57.5 57.2 -0.3 -0.5% 43.2% 51.1 51.0 0.0 43.2% 45.6 45.7 0.2 0.4% 43.2% 44.7 44.8 0.1 0.1% 44.4% -0.7% 44.4% 51.0 50.9 -0.2% 44.4% 45.6 45.7 0.3% 44.4% 44.7 44.7 0.0 0.0% 45.7% 45.7% 45.7% 57.5 57.1 -0.4 -0.6% 51.0 50.9 -0.1 -0.1% 45.5 45.7 0.1 0.3% 45.7% 44.7 44.7 0.0 0.0% 46.9% 57.4 57.0 -0.9% 46.9% 51.0 50.9 -0.2% 46.9% 45.5 45.6 0.2% 46.9% 44.6 44.7 0.0 0.0% 48.1% 49.4% 57.4 56.9 -0.5 -0.8% 48.1% 51.0 50.9 -0.1 -0.2% 48.1% 45.5 45.6 0.0 0.1% 48.1% 44.6 44.6 0.1 0.1% -0.5% 49.4% 50.9 -0.2% 49.4% 45.5 49.4% 44.5 44.5 0.0 0.0% 50.6% 50.6% 50.6% 50.6% 57.1 56.9 -0.2 -0.4% 50.9 50.8 -0.1 -0.2% 45.5 45.5 0.0 0.1% 44.5 44.5 0.0 0.0% 51.9% -0.2-0.4% 51.9% 50.9 50.8 -0.1% 45.4 0.2% 51.9% 53.1% 44.4 -0.1 -0.1 53.1% 53.1% 53.1% 57.0 56.8 -0.2 -0.1 0.0 -0.3% 50.9 50.8 -0.1% 45.4 45.4 44 5 444 -0.2% 55.6% 56.8% 55.6% 55.6% 55.6% 57.0 56.8 -0.2 -0.3% 50.8 50.7 0.0 -0.1% 45.4 45.4 0.0 0.1% 44.3 44.4 0.1 0.1% 58.0% 58.0% 58.0% 56.8 56.7 -0.1 -0.2% 50.7 50.6 -0.1 -0.2% 45.3 45.3 0.1 0.1% 58.0% 44.2 44.4 0.2 0.4% 60.5% 60.5% 60.5% 56.8 56.6 -0.2 -0.4% 50.7 50.5 -0.1 -0.2% 45.2 45.3 0.1 0.3% 60.5% 44.1 44.3 0.2 0.5% -0.4% 61.7% 443 63.0% 63.0% 63.0% 56.8 -0.1 0.1 63.0% 0.1 56.5 -0.3 -0.5% 50.6 50.5 -0.2% 45.1 45.1 0.2% 44.0 44.2 0.3% 64.2% 65.4% 56.4 56.4 -0.5% -0.4% 64.2% 65.4% 50.3 50.2 -0.4% -0.6% 64.2% 65.4% 0.0% 64.2% 65.4% 44.0 43.9 0.2 56.6 -0.2 -0.3 45.0 44.8 -0.2 43.9 -0.1% 50.5 66.7% 67.9% 56.5 56.5 -0.2% -0.3% 66.7% 67.9% 66.7% 67.9% 66.7% 67.9% 50.2 50.2 -0.5% 44 9 -0.1 0.0 -0.2% 43.9 43.8 -0.1 -0.1 -0.1% -0.2 -0.2 44.8 44.8 56.3 50.4 -0.5% -0.1% 43.9 43.8 -0.2% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% -0.3% -0.1% 44.7 43.8 137 56.2 50.1 0.2 0.5% 43.7 0.1 56.5 -0.3 -0.5% 50.2 -0.1 -0.2% 44.5 44.7 43.7 0.1% 71.6% 56.3 56.2 -0.2% 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0.3 0.8%

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

April

March

February

Percent Percent Percent Percent No Action Alternative Alternative A Absolute Relative Relative Exceedance Relative Relative Exceedance Difference Difference Difference Difference Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) 0.0% 50.5 0.0 0.0% 0.0% 56.4 56.3 0.0% 61.3 62.3 1.7% 65.6 65.7 0.2% 0.1% 1.2% 49.9 49.8 -0.1 -0.3% 1.2% 56.0 56.1 0.1 1.2% 60.9 62.2 1.3 2.2% 1.2% 65.5 65.3 -0.2 -0.3% 2.5% 49.7 49.7 -0.1% 2.5% 55.6 56.0 0.6% 2.5% 60.4 61.6 2.5% 64.9 65.2 0.5% 3.7% 3.7% 49.6 49.7 0.1 0.1% 3.7% 55.6 55.5 0.0 -0.1% 3.7% 60.3 61.0 0.7 1.2% 64.7 65.2 0.5 0.8% 4.9% 49.4 49.7 0.3 0.5% 4.9% 55.2 55.2 0.0 -0.1% 4.9% 60.3 60.6 0.6% 4.9% 64.6 64.9 0.3 0.5% 6.2% 6.2% 6.2% 6.2% 49.3 49.4 0.1 0.1% 54.9 54.9 0.0 0.1% 60.0 60.6 0.6 0.9% 64.4 64.3 -0.1 -0.1% 7.4% 49.3 49.4 0.0 0.1% 7.4% 54.3 54.0 -0.2% 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74.1% 74.1% 0.6% 0.0 0.0% 75.3% 0.1% 75.3% 0.3 76.5% 45.8 45.9 0.0 0.1% 76.5% 50.0 50.0 0.1% 76.5% 55.1 55.1 0.0 -0.1% 76.5% 60.8 60.9 0.1 77.8% 0.0% 77.8% 77.8% 0.2 0.3% 77.8% 0.1 0.1% 45.8 49.8 0.0% 60.8 60.9 79.0% 45.8 45.8 0.0 0.0% 79.0% 49.5 49.5 0.0 0.0% 79.0% 54.8 54.8 0.0 0.0% 79.0% 60.8 60.8 0.0 0.0% 80.2% 0.0% 80.2% 49.4 80.2% 0.0% 80.2% 0.0 45.7 49.4 -0.1% 54.7 0.0 0.0% 81.5% 45.6 45.6 0.0 0.1% 81.5% 49.2 49.3 0.1% 81.5% 54.5 54.7 0.3% 81.5% 60.7 60.7 0.0 0.0% 82.7% 82.7% 45.6 45.6 0.1% 82.7% 49.2 -0.1% 54.3 54.6 0.3 0.5% 82.7% 60.7 60.6 -0.1 -0.2% 84.0% 45.6 45.6 0.0 0.1% 84.0% 49.1 49.1 0.0 -0.1% 84.0% 54.2 54.3 0.2 0.3% 84.0% 60.4 60.3 -0.1 -0.1% 85.2% 45.5 45.5 -0.1 -0.1% 85.2% 49.0 49.1 0.0 0.1% 85.2% 54.1 54.3 0.2 0.4% 85.2% 60.2 60.2 0.0 0.0% 86.4% 45.4 45.4 -0.1% 86.4% 48.9 49.0 0.2% 86.4% 54.1 54.2 0.1% 86.4% 60.2 60.2 0.0 0.1% 87.7% 45.3 45.3 0.0 0.1% 87.7% 48 9 48 9 0.0 0.0% 87.7% 54.0 54.1 0.1 0.2% 87.7% 60.1 60.1 0.0 0.0% 88.9% 45.3 45.3 0.0 0.0% 88.9% 48.8 48.9 0.1 0.2% 88.9% 54.0 54.0 0.0 0.1% 88.9% 60.0 60.0 0.0 0.0% 90.1% 45.1 45.2 0.0 0.0% 90.1% 48.7 48.8 0.0 0.1% 90.1% 53.9 54.0 0.1 0.3% 90.1% 59.8 59.9 0.0 0.0% 91.4% 91.4% 48.6 48.7 91.4% 0.4% 91.4% 59.5 59.5 0.1 91.4% 92.6% 0.1% 92.6% 45.1 45.1 0.0 0.0% 48.6 48.6 0.0 53.5 53.5 0.0 0.0% 92.6% 59.0 59.2 0.4% 93.8% 0.0 48.6 93.8% 59.0 0.2 45.1 45.1 0.1% 93.8% 48.5 0.3% 93.8% 53.3 53.3 0.0 0.0% 59.1 0.3% 95.1% 95.1% 95.1% 95.1% 44.9 44.9 0.0 0.0% 48.3 48.3 0.0 0.0% 53.1 53.2 0.1 0.2% 58.9 58.7 -0.2 -0.4% 96.3% 44.7 0.1 96.3% 48.1 48.1 0.0% 96.3% 97.5% 52.9 0.1 0.3% 96.3% 97.5% 58.7 0.0 -0.1 0.0% 97.5% 0.1% 97.5% -0.3% 44 6 447 48 N 48.0 0.0 0.1% 51 9 51 9 0.0% 58.6 58.5 0.0% 47.7 0.0% 98.8% 100.0% 100.0% 100.0% 100.0% 43.8 43.8 0.0 0.0% 47.6 47.6 0.0 0.0% 49.5 49.5 0.0 0.0% 55.5 55.5 0.0 0.0%

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

August

September

Percent					Percent		,			Percent		August			Percent				
Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	67.6	67.9	0.3	0.4%	0.0%	69.7	69.4	-0.3	-0.4%	(%)	71.7	70.7	-1.1	-1.5%	0.0%	68.7	68.3	-0.5	-0.7%
1.2%	67.5	67.1	-0.4	-0.7%	1.2%	69.6	68.6	-1.0	-1.5%	1.2%	71.5	69.7	-1.8	-2.5%	1.2%	68.5	68.0	-0.5	-0.7%
2.5%	66.7	66.7	0.0	0.0%	2.5%	68.7	68.3	-0.3	-0.5%	2.5%	69.9	68.8	-1.1	-1.5%	2.5%	68.3	67.9	-0.4	-0.5%
3.7%	66.6	66.3	-0.2	-0.4%	3.7%	68.4	68.2	-0.3	-0.4%	3.7%	69.7	68.7	-1.0	-1.4%	3.7%	68.2	67.6	-0.6	-0.9%
4.9%	66.4	66.2	-0.2	-0.3%	4.9%	68.1	67.7	-0.3	-0.5%	4.9%	69.3	68.5	-0.8	-1.2%	4.9%	67.8	67.1	-0.8	-1.1%
6.2%	66.4	65.4	-1.0	-1.4%	6.2%	67.9	67.6	-0.2	-0.4%	6.2%	68.9	68.0	-0.9	-1.3%	6.2%	67.4	67.0	-0.3	-0.5%
7.4%	65.9	65.4	-0.6	-0.9%	7.4%	67.8	67.5	-0.3	-0.4%	7.4%	68.2	67.8	-0.4	-0.5%	7.4%	67.0	66.5	-0.5	-0.7%
8.6%	65.8	65.2	-0.7	-1.0%	8.6%	67.8	67.1	-0.6	-1.0%	8.6%	68.0	67.6	-0.4	-0.5%	8.6%	66.6	66.5	-0.2	-0.2%
9.9%	65.8	65.1	-0.7	-1.1%	9.9%	67.7	67.0	-0.6	-0.9%	9.9%	67.9	67.6	-0.4	-0.5%	9.9%	66.3	66.2	-0.1	-0.1%
11.1%	65.8	65.1	-0.7	-1.0%	11.1%	67.6	66.9	-0.7	-1.1%	11.1%	67.9	67.6	-0.4	-0.5%	11.1%	66.3	66.2	-0.1	-0.1%
12.3%	65.7	65.0	-0.7	-1.0%	12.3%	67.6	66.9	-0.7	-1.0%	12.3%	67.9	67.2	-0.6	-1.0%	12.3%	66.1	65.7	-0.4	-0.6%
13.6%	65.5	65.0	-0.4	-0.7%	13.6%	67.5	66.8	-0.7	-1.1%	13.6%	67.8	67.1	-0.7	-1.0%	13.6%	66.0	65.5	-0.5	-0.8%
14.8%	65.3	65.0	-0.3	-0.5%	14.8%	67.5	66.8	-0.7	-1.0%	14.8%	67.7	66.8	-0.9	-1.3%	14.8%	66.0	65.5	-0.6	-0.9%
16.0%	65.3	65.0	-0.3	-0.5%	16.0%	67.1	66.8	-0.4	-0.5%	16.0%	67.3	66.8	-0.5	-0.7%	16.0%	65.7	65.0	-0.7	-1.0%
17.3%	65.2	65.0	-0.2	-0.3%	17.3%	67.1	66.7	-0.4	-0.5%	17.3%	67.2	66.6	-0.6	-0.9%	17.3%	65.4	65.0	-0.4	-0.6%
18.5%	65.2	64.9	-0.3	-0.5%	18.5%	67.0	66.6	-0.4	-0.6%	18.5%	67.1	66.6	-0.6	-0.8%	18.5%	65.3	64.9	-0.3	-0.5%
19.8%	65.1	64.7	-0.4	-0.6%	19.8%	66.9	66.6	-0.3	-0.5%	19.8%	67.1	66.6	-0.6	-0.8%	19.8%	65.2	64.8	-0.4	-0.6%
21.0%	65.1	64.7	-0.4	-0.7%	21.0%	66.8	66.5	-0.3	-0.4%	21.0%	67.0	66.5	-0.5	-0.7%	21.0%	65.1	64.8	-0.3	-0.5%
22.2%	65.1	64.6	-0.4	-0.7%	22.2%	66.7	66.4	-0.2	-0.4%	22.2%	66.9	66.5	-0.5	-0.7%	22.2%	65.0	64.8	-0.2	-0.3%
23.5%	65.1	64.6	-0.5	-0.8%	23.5%	66.7	66.3	-0.3	-0.5%	23.5%	66.6	66.4	-0.1	-0.2%	23.5%	65.0	64.5	-0.4	-0.7%
24.7%	65.0	64.5	-0.6	-0.9%	24.7%	66.7	66.2	-0.4	-0.7%	24.7%	66.5	66.4	0.0	-0.1%	24.7%	64.9	64.4	-0.5	-0.7%
25.9%	64.9	64.4	-0.5	-0.7%	25.9%	66.6	66.2	-0.4	-0.7%	25.9%	66.4	66.4	0.0	0.0%	25.9%	64.8	64.4	-0.4	-0.6%
27.2%	64.9	64.4	-0.5	-0.7%	27.2%	66.4	66.2	-0.2	-0.3%	27.2%	66.4	66.4	0.0	0.0%	27.2%	64.7	64.4	-0.4	-0.6%
28.4%	64.9	64.4	-0.5	-0.7%	28.4%	66.4	66.1	-0.3	-0.5%	28.4%	66.3	66.3	0.0	0.0%	28.4%	64.7	64.3	-0.4	-0.6%
29.6%	64.9	64.4	-0.5	-0.7%	29.6%	66.4	66.0	-0.4	-0.5%	29.6%	66.3	66.2	-0.1	-0.1%	29.6%	64.7	64.3	-0.3	-0.5%
30.9%	64.8	64.4	-0.5	-0.7%	30.9%	66.4	65.9	-0.5	-0.7%	30.9%	66.2	66.2	-0.1	-0.1%	30.9%	64.5	64.3	-0.3	-0.4%
32.1%	64.6	64.3	-0.3	-0.5%	32.1%	66.4	65.8	-0.5	-0.8%	32.1%	66.2	66.1	0.0	-0.1%	32.1%	64.5	64.2	-0.3	-0.4%
33.3%	64.6	64.1	-0.5	-0.8%	33.3%	66.3	65.7	-0.6	-0.8%	33.3%	66.2	66.1	-0.1	-0.1%	33.3%	64.4	64.2	-0.1	-0.2%
34.6%	64.5	64.1	-0.4	-0.6%	34.6%	66.1	65.7	-0.4	-0.6%	34.6%	66.1	66.1	-0.1	-0.1%	34.6%	64.3	64.1	-0.2	-0.3%
35.8%	64.5	64.0	-0.5	-0.7%	35.8%	66.0	65.7	-0.3	-0.5%	35.8%	66.1	66.0	-0.1	-0.2%	35.8%	64.3	64.1	-0.2	-0.3%
37.0%	64.4	63.9	-0.5	-0.8%	37.0%	65.9	65.7	-0.2	-0.3%	37.0%	66.0	65.9	-0.1	-0.2%	37.0%	64.2	64.0	-0.2	-0.4%
38.3%	64.4	63.9	-0.5	-0.8%	38.3%	65.9	65.6	-0.2	-0.3%	38.3%	66.0	65.8	-0.2	-0.2%	38.3%	64.0	64.0	0.0	0.0%
39.5%	64.4	63.9	-0.4	-0.7%	39.5%	65.8	65.6	-0.2	-0.3%	39.5%	65.9	65.8	-0.1	-0.1%	39.5%	64.0	63.9	-0.1	-0.1%
40.7%	64.2	63.8	-0.4	-0.7%	40.7%	65.8	65.6	-0.2	-0.3%	40.7%	65.9	65.8	0.0	-0.1%	40.7%	63.9	63.6	-0.3	-0.5%
42.0%	64.2	63.7	-0.5	-0.8%	42.0%	65.7	65.5	-0.1	-0.2%	42.0%	65.8	65.7	-0.1	-0.1%	42.0%	63.8	63.5	-0.3	-0.5%
43.2%	64.2	63.7	-0.5	-0.8%	43.2%	65.6	65.3	-0.3	-0.4%	43.2%	65.8	65.7	-0.1	-0.1%	43.2%	63.7	63.5	-0.3	-0.4%
44.4%	64.1	63.6	-0.5	-0.8%	44.4%	65.5	65.3	-0.1	-0.2%	44.4%	65.8	65.7	-0.1	-0.2%	44.4%	63.6	63.5	-0.2	-0.2%
45.7%	64.1	63.6	-0.5	-0.8%	45.7%	65.4	65.2	-0.2	-0.3%	45.7%	65.7	65.6	0.0	0.0%	45.7%	63.5	63.4	-0.1	-0.2%
46.9%	64.1	63.6	-0.5	-0.8%	46.9%	65.4	65.2	-0.2	-0.3%	46.9%	65.5	65.6	0.0	0.1%	46.9%	63.5	63.3	-0.2	-0.3%
48.1%	64.0	63.6	-0.4	-0.6%	48.1%	65.4	65.0	-0.3	-0.5%	48.1%	65.5	65.5	0.0	0.0%	48.1%	63.4	63.3	-0.1	-0.2%
49.4%	63.9	63.6	-0.3	-0.5%	49.4%	65.3	65.0	-0.3	-0.4%	49.4%	65.5	65.5	0.0	0.1%	49.4%	63.4	63.2	-0.1	-0.2%
50.6%	63.9	63.6	-0.3	-0.4%	50.6%	65.2	64.9	-0.3	-0.5%	50.6%	65.5	65.5	0.0	0.0%	50.6%	63.3	63.2	-0.1	-0.1%
51.9%	63.8	63.4	-0.4	-0.6%	51.9%	65.2	64.9	-0.3	-0.5%	51.9%	65.4	65.5	0.1	0.1%	51.9%	63.2	63.2	0.0	0.0%
53.1%	63.8	63.4	-0.4	-0.6%	53.1%	65.2	64.9	-0.3	-0.5%	53.1%	65.4	65.4	0.1	0.1%	53.1%	63.2	63.2	0.0	0.0%
54.3%	63.7	63.3	-0.4	-0.7%	54.3%	65.2	64.8	-0.4	-0.6%	54.3%	65.4	65.4	0.1	0.1%	54.3%	63.0	63.1	0.1	0.2%
55.6%	63.7	63.3	-0.4	-0.7%	55.6%	65.2	64.8	-0.4	-0.5%	55.6%	65.3	65.4	0.1	0.2%	55.6%	62.9	63.0	0.1	0.2%
56.8%	63.6	63.2	-0.3	-0.5%	56.8%	65.1	64.8	-0.3	-0.5%	56.8%	65.3	65.4	0.1	0.2%	56.8%	62.8	63.0	0.1	0.2%
58.0%	63.5	63.2	-0.2	-0.4%	58.0%	65.1	64.6	-0.5	-0.8%	58.0%	65.3	65.4	0.1	0.2%	58.0%	62.8	63.0	0.2	0.3%
59.3%	63.4	63.2	-0.2	-0.3%	59.3%	65.1	64.5	-0.5	-0.8%	59.3%	65.3	65.4	0.1	0.2%	59.3%	62.8	62.9	0.1	0.2%
60.5%	63.4	63.2	-0.2	-0.3%	60.5%	65.0	64.5	-0.5	-0.7%	60.5%	65.2	65.3	0.2	0.2%	60.5%	62.5	62.9	0.4	0.7%
61.7%	63.3	63.2	-0.2	-0.3%	61.7%	65.0	64.4	-0.5	-0.8%	61.7%	65.1	65.2	0.1	0.2%	61.7%	62.5	62.9	0.4	0.6%
63.0%	63.3	63.1	-0.1	-0.2%	63.0%	64.9	64.4	-0.4	-0.7%	63.0%	65.1	65.2	0.0	0.1%	63.0%	62.4	62.8	0.5	0.7%
64.2%	63.2	63.1	-0.1	-0.2%	64.2%	64.9	64.4	-0.5	-0.8%	64.2%	65.1	65.1	-0.1	-0.1%	64.2%	62.3	62.8	0.4	0.7%
65.4%	63.2	63.0	-0.2	-0.4%	65.4%	64.8	64.3	-0.5	-0.7%	65.4%	65.1	65.1	0.0	-0.1%	65.4%	62.3	62.6	0.4	0.6%
66.7%	63.1	62.9	-0.2	-0.3%	66.7%	64.7	64.3	-0.4	-0.6%	66.7%	65.0	65.0	0.0	0.0%	66.7%	62.2	62.6	0.4	0.6%
67.9%	63.1	62.9	-0.2	-0.3%	67.9%	64.6	64.3	-0.3	-0.4%	67.9%	65.0	65.0	0.0	0.0%	67.9%	62.2	62.2	0.0	0.0%
69.1%	63.1	62.9	-0.2	-0.3%	69.1%	64.5	64.1	-0.3	-0.5%	69.1%	65.0	64.9	-0.1	-0.1%	69.1%	61.8	62.0	0.2	0.3%
70.4%	63.1	62.9	-0.2	-0.2%	70.4%	64.5	64.1	-0.3	-0.5%	70.4%	64.8	64.8	0.0	0.0%	70.4%	61.8	61.9	0.1	0.2%
71.6%	63.0	62.8	-0.2	-0.3%	71.6%	64.5	64.1	-0.4	-0.6%	71.6%	64.8	64.7	0.0	0.0%	71.6%	61.6	61.8	0.2	0.3%
72.8%	62.9	62.7	-0.2	-0.4%	72.8%	64.4	64.0	-0.4	-0.6%	72.8%	64.4	64.7	0.3	0.4%	72.8%	61.5	61.7	0.1	0.2%
74.1%	62.9	62.7	-0.3	-0.4%	74.1%	64.4	64.0	-0.4	-0.6%	74.1%	64.4	64.7	0.3	0.5%	74.1%	61.5	61.6	0.1	0.2%
75.3%	62.9	62.6	-0.3	-0.4%	75.3%	64.3	64.0	-0.3	-0.4%	75.3%	64.3	64.7	0.3	0.5%	75.3%	61.5	61.6	0.1	0.2%
76.5%	62.9	62.6	-0.3	-0.5%	76.5%	64.2	64.0	-0.2	-0.4%	76.5%	64.3	64.6	0.4	0.6%	76.5%	61.4	61.5	0.1	0.2%
77.8%	62.9	62.6	-0.3	-0.5%	77.8%	64.2	64.0	-0.2	-0.3%	77.8%	64.3	64.6	0.3	0.5%	77.8%	61.2	61.5	0.2	0.4%
79.0%	62.8	62.5	-0.3	-0.5%	79.0%	64.1	64.0	-0.2	-0.2%	79.0%	64.2	64.6	0.3	0.5%	79.0%	61.2	61.5	0.3	0.4%
80.2%	62.8	62.5	-0.3	-0.5%	80.2%	64.1	63.9	-0.1	-0.2%	80.2%	64.2	64.5	0.2	0.3%	80.2%	61.2	61.4	0.3	0.4%
81.5%	62.8	62.5	-0.4	-0.6%	81.5%	63.9	63.9	0.0	0.0%	81.5%	64.2	64.4	0.2	0.3%	81.5%	61.0	61.4	0.3	0.6%
82.7%	62.7	62.4	-0.3	-0.5%	82.7%	63.9	63.9	0.0	0.0%	82.7%	64.1	64.3	0.2	0.2%	82.7%	61.0	61.2	0.2	0.3%
84.0%	62.6	62.3	-0.3	-0.4%	84.0%	63.9	63.7	-0.2	-0.3%	84.0%	63.9	64.3	0.4	0.6%	84.0%	60.9	61.0	0.1	0.2%
85.2%	62.6	62.2	-0.4	-0.6%	85.2%	63.9	63.5	-0.3	-0.5%	85.2%	63.9	64.2	0.3	0.5%	85.2%	60.9	61.0	0.1	0.1%
86.4%	62.5	62.2	-0.3	-0.5%	86.4%	63.7	63.3	-0.4	-0.6%	86.4%	63.8	64.1	0.2	0.4%	86.4%	60.9	60.9	0.1	0.1%
87.7%	62.5	62.2	-0.3	-0.4%	87.7%	63.7	63.1	-0.6	-0.9%	87.7%	63.6	64.0	0.4	0.6%	87.7%	60.8	60.8	0.0	0.1%
88.9%	62.4	62.2	-0.2	-0.3%	88.9%	63.4	63.1	-0.3	-0.4%	88.9%	63.6	64.0	0.4	0.7%	88.9%	60.6	60.8	0.1	0.2%
90.1%	62.4	61.8	-0.6	-0.9%	90.1%	63.3	62.6	-0.7	-1.1%	90.1%	63.5	63.9	0.4	0.6%	90.1%	60.6	60.7	0.1	0.2%
91.4%	62.4	61.7	-0.6	-1.0%	91.4%	63.2	62.6	-0.6	-0.9%	91.4%	63.4	63.9	0.4	0.7%	91.4%	60.5	60.4	0.0	-0.1%
92.6%	62.1	61.6	-0.5	-0.8%	92.6%	63.2	62.6	-0.6	-0.9%	92.6%	63.4	63.7	0.3	0.5%	92.6%	60.4	60.4	0.0	0.0%
93.8%	62.0	61.4	-0.6	-1.0%	93.8%	63.1	62.5	-0.6	-0.9%	93.8%	63.2	63.6	0.4	0.7%	93.8%	60.3	60.2	-0.1	-0.2%
95.1%	62.0	61.3	-0.6	-1.0%	95.1%	63.1	62.5	-0.6	-0.9%	95.1%	63.2	63.6	0.4	0.6%	95.1%	59.9	60.1	0.2	0.3%
96.3%	61.6	61.3	-0.3	-0.5%	96.3%	62.7	62.4	-0.2	-0.4%	96.3%	63.1	63.2	0.0	0.1%	96.3%	59.7	59.6	-0.1	-0.1%
97.5%	61.5	61.1	-0.4	-0.6%	97.5%	62.7	62.1	-0.6	-0.9%	97.5%	63.1	63.0	-0.1	-0.2%	97.5%	59.2	59.5	0.3	0.6%
98.8%	61.5	61.0	-0.4	-0.7%	98.8%	62.4	61.8	-0.6	-1.0%	98.8%	63.0	62.7	-0.2	-0.4%	98.8%	59.0	59.0	0.0	0.1%
100.0%	60.5	60.6	0.1	0.2%	100.0%	62.0	61.3	-0.7	-1.1%	100.0%	62.8	62.7	-0.1	-0.1%	100.0%	59.0	58.6	-0.4	-0.7%
.00.070	50.0	23.0	J.,		100.070		20	2.1		100.070			J. 1		100.070	20.0	23.0	5.1	270

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

					Mont		erature (DI	G-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Mav	Jun	Jul	Aua	Sep
					ng-term			,				
Full Simulation Period ¹												
No Action Alternative	57.3	51.0	45.3	44.4	47.0	51.4	56.7	61.9	64.0	65.5	65.8	63.4
Alternative A	57.2	50.8	45.4	44.5	47.0	51.5	57.1	62.0	63.6	65.1	65.7	63.3
Difference	-0.1	-0.1	0.1	0.1	0.0	0.1	0.4	0.1	-0.4	-0.4	-0.1	-0.1
Percent Difference ³	-0.2%	-0.2%	0.1%	0.1%	0.0%	0.2%	0.7%	0.2%	-0.6%	-0.6%	-0.1%	-0.19
					ear Types ²							
Wet (32%)												
No Action Alternative	56.6	51.3	45.4	44.7	46.6	50.2	54.8	61.0	63.8	65.9	65.4	61.0
Alternative A	56.5	51.1	45.5	44.7	46.6	50.2	54.9	60.9	63.2	65.6	65.6	61.0
Difference	-0.1	-0.1	0.2	0.0	0.0	0.0	0.2	-0.1	-0.6	-0.3	0.2	0.1
Percent Difference	-0.2%	-0.3%	0.3%	0.1%	0.0%	0.1%	0.3%	-0.1%	-0.9%	-0.4%	0.3%	0.19
Above Normal (15%)												
No Action Alternative	56.8	50.6	45.7	44.8	46.9	51.3	56.8	62.7	64.0	64.7	65.5	62.9
Alternative A	56.7	50.5	45.9	44.8	46.9	51.4	57.1	62.5	63.7	64.3	65.7	63.2
Difference	-0.1	-0.1	0.2	0.0	0.0	0.1	0.3	-0.2	-0.3	-0.4	0.2	0.3
Percent Difference	-0.1%	-0.1%	0.3%	0.1%	0.0%	0.1%	0.6%	-0.2%	-0.5%	-0.6%	0.3%	0.5%
Below Normal (17%)												
No Action Alternative	56.6	50.7	45.5	44.2	46.5	51.5	57.6	62.3	63.7	65.1	65.3	64.1
Alternative A	56.3	50.6	45.5	44.2	46.5	51.6	58.2	62.7	63.6	64.7	65.4	63.8
Difference	-0.2	-0.1	0.0	0.0	0.0	0.1	0.6	0.4	-0.2	-0.4	0.1	-0.3
Percent Difference	-0.4%	-0.2%	-0.1%	0.0%	0.0%	0.3%	1.1%	0.6%	-0.3%	-0.6%	0.2%	-0.59
Dry (22%)												
No Action Alternative	57.6	51.2	45.3	44.1	47.3	52.3	58.2	62.0	64.3	65.0	65.4	64.7
Alternative A	57.5	51.0	45.3	44.3	47.2	52.4	58.9	62.4	64.0	64.5	65.4	64.7
Difference	-0.1	-0.2	0.0	0.2	-0.1	0.1	0.8	0.4	-0.3	-0.5	-0.1	-0.1
Percent Difference	-0.2%	-0.3%	-0.1%	0.4%	-0.1%	0.2%	1.3%	0.6%	-0.4%	-0.7%	-0.1%	-0.19
Critical (15%)		•	•	•		•	•	•	•	•		
No Action Alternative	59.6	50.7	44.7	44.3	48.2	53.1	57.8	62.4	64.3	66.8	67.8	66.3
Alternative A	59.4	50.5	44.7	44.4	48.2	53.2	58.1	62.6	64.0	66.3	66.5	65.8
Difference	-0.2	-0.2	0.0	0.1	0.0	0.1	0.3	0.3	-0.3	-0.5	-1.3	-0.5
Percent Difference	-0.3%	-0.3%	0.1%	0.3%	0.0%	0.2%	0.5%	0.4%	-0.5%	-0.7%	-2.0%	-0.79

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



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

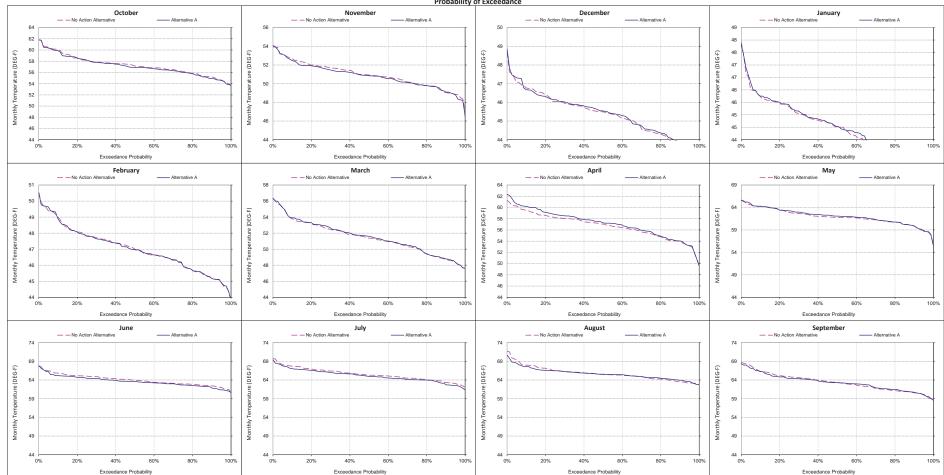


Table SQ-10-3b Sacramento River below Delevan, Monthly Temperature Probability of Exceedance

Marte Mart			October					November					December					January		
	Percent	No Action Alternative	Alternative A	Absolute	Dolativo	Percent	No Action Alternative	Alternative A	Absolute	Dolativo	Percent	No Action Alternative	Alternative A	Absolute	Dolativo	Percent	No Action Alternative	Alternative A	Absolute	Dolativo
Dec		Monthly Tomporature	Monthly Tomporature					Monthly Tomporature				Monthly Tomporature	Monthly Tomporature				Monthly Tomporature	Monthly Tomporature		
The column The				(DEG-F)	Difference (76)				(DEG-F)	Difference (76)				(DEG-F)	Difference (76)				(DEG-F)	Dillerence (76)
Property				0.0	0.0%				0.2	0.3%				0.2	0.4%				-0.1	-0.2%
10	1 2%				0.0%	1.2%				0.0%	1.2%					1.2%				0.2%
10																				
100											3.7%		47.4				46.5			0.1%
Section Column																				
The Col	6.2%	60.4	60.2	-0.1	-0.2%	6.2%	53.0	53.0	0.0	0.0%	6.2%	47.1	47.3	0.2	0.5%	6.2%	46.0	46.0	0.0	
Section Sect											7.4%									0.0%
10		60.2	59.9		-0.4%					-0.3%					-0.3%					
14	9.9%		59.9	-0.2	-0.3%	9.9%	52.7	52.5	-0.2	-0.4%	9.9%	46.8	46.7	-0.1	-0.2%	9.9%	45.7	45.8	0.0	0.0%
15	11.1%	59.9	59.6	-0.3	-0.4%	11.1%	52.5	52.4	-0.1	-0.2%	11.1%	46.7	46.7		-0.2%	11.1%	45.6	45.7	0.1	
140		59.4	59.0	-0.4	-0.7%	12.3%	52.5		-0.2	-0.4%	12.3%	46.7		-0.1	-0.2%	12.3%			0.1	0.1%
145	13.6%	59.3	58.9	-0.4	-0.7%	13.6%	52.4	52.0	-0.4	-0.8%	13.6%	46.7	46.6	-0.1	-0.3%	13.6%	45.6	45.7	0.1	0.2%
15		59.2	58.9	-0.3	-0.6%	14.8%	52.4	51.9	-0.4		14.8%	46.6	46.5	-0.1	-0.2%	14.8%	45.6	45.6		0.1%
This Green Color	16.0%	59.1	58.9	-0.3	-0.5%	16.0%	52.3	51.9	-0.4	-0.7%		46.5	46.4	-0.1	-0.3%	16.0%	45.6	45.6	0.0	0.0%
150																				
2.00																				0.0%
22.5 53.5 54.6 0.1 0.25 2.25 51.8 0.1 0.25 0.1 0.25 0.2																				0.2%
20	21.0%	58.4	58.5			21.0%	52.0	51.9	-0.1		21.0%	46.4	46.3				45.4	45.4	0.0	
247, 541 542 541 542 543 545 547 545 547 545 547 546 547 548																				
2.50 2.50 2.51 2.51 2.55 2.52																				
27.00																				
24.00 27.0											25.9%									
200 17		58.0	57.9	-0.1						-0.5%	27.2%								0.0	0.0%
200. 27 27 27 27 27 27 27 2																			0.1	0.2%
22 10		57.9								-0.5%				0.1						0.2%
1.53 1.57																				0.2%
3400 977 978 978 011 025 913 012 015 913 02 000 000 000 000 000 000 000 000 000																				
1.00 1.00																				0.1%
370% 97 97 97 97 97 97 97 97 97 97 97 97 97																				
\$2.00		57.7	57.0	-0.1		33.6%	51.5				35.6%									0.1%
250 575 575 576 574 522 525 514 512 522 523 525 526																				
407% 576 575 - 0.1 -0.0% 407% 514 512 - 0.2 -0.4% 507% 407 408 0.1 -0.0% 407% 40.2 - 0.1 -0.0% 40.2 - 0.0 -	30.5%			-0.0				51.3	-0.2	-0.476	30.5%			0.0					0.0	0.1%
Company Comp																				
42% 97.5 97.3 9.3 9.9% 92.5 91.1 91.1 91.1 0.0 0.0% 42% 466 457 9.2 0.4% 42% 44.2 4.4 0.1 0.7% 42% 42.7 4.4 0.1 0.7% 42% 42.7 4.4 0.1 0.7% 42% 42.7 4.4 0.1 0.7% 42% 42.7 4.4 0.1 0.7% 42% 42.7 4.4 0.1 0.7 4.7 4.4 0.1 0.7 4.7											40.776									0.1%
440% 975 972 0-33 0-27% 44-7% 910 910 910 0-0 0-0 10 15 44-77 0-0 0 07% 44-77 0-0 0 07% 44-77 0-0 0 07% 44-77 0-0 0 07% 44-77 0-0 0 07% 44-77 0-0 0 07% 44-77 0-0 0 07% 44-77 0-0 0 07% 44-77 0-0 0 07% 44-77 0-0 0 07% 44-77 0-0 0 07% 44-77 0-0 0 07% 44-77 0-0 0 07% 44-77 0-0 0 07% 44-77 0-0 0 07% 44-77 0-0 0 07% 44-77 0-0 0 07% 44-77 0-0 0 07% 44-77 0-0 0 07% 44-77 0-0 0 0 07% 44-77 0-0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0																				
45/h 57/5 57/1 -0.4 -0.0 h 42/h 57/5 51.0 59/8 -0.1 -0.1 h 43/h 45/h 57/5 51.0 59/8 -0.1 -0.1 h 43/h 45/h 45/h 45/h 45/h 45/h 45/h 45/h 45	44.4%																			
## 40% 575 570 0.5 0.0% 4.0% 4.0% 510 50.0 0.1 0.2% 4.0% 4.55 4.56 0.1 0.2% 4.0% 4.46 4.47 0.0 0.0% 4.0% 4.0% 5.0 0.0 0.0% 4.0% 4.0% 4.0% 4.0% 4.0% 5.0 0.0 0.0% 5.00% 5.0 0.0 0.1 0.2% 5.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	45.7%	57.5	57.1	-0.4		45.7%		50.9	-0.1	-0.1%	45.7%		45.7	0.1		45.7%	44.7	44.7	0.0	0.0%
48.1% 57.4 56.9 0.4 0.9% 48.1% 51.0 50.9 0.1 0.2% 48.1% 44.5 44.5 0.0 0.1% 48.1% 44.6 0.1 0.7% 69.6 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.																				0.0%
40-6 FI				-0.4						-0.2%										0.1%
59.6% 57.1 58.8 0.2 0.4% 50.0% 50.0 50.8 0.1 0.2% 50.0% 44.5 44.5 0.1 0.0% 50.0% 50.0% 50.0 50.0% 50.0																				
\$199, \$71, \$69, \$02, \$0.396, \$51.996, \$50.9\$ \$50.8\$ \$0.1 \$0.196, \$51.996, \$45.4\$ \$45.5\$ \$0.1 \$0.276, \$51.996, \$44.5\$ \$44.4\$ \$0.1 \$0.196, \$51.996, \$45.5\$ \$0.1 \$0.276, \$51.996, \$45.5\$ \$45.5\$ \$0.1 \$0.276, \$51.996, \$45.5\$ \$45.5\$ \$45.5\$ \$45.5\$ \$44.4\$ \$44.4\$ \$0.1 \$0.196, \$55.996, \$50.8\$ \$50.8\$ \$0.8\$ \$0.8\$ \$0.0 \$0.0 \$0.096, \$56.996, \$45.2\$ \$45.3\$ \$45.4\$ \$0.0 \$0.176, \$56.996, \$44.3\$ \$44.4\$ \$0.2 \$0.176, \$56.996, \$50.8\$ \$0.8\$ \$0.8\$ \$0.0 \$0.0 \$0.096, \$56.996, \$45.3\$ \$45.4\$ \$0.0 \$0.176, \$56.996, \$44.2\$ \$44.4\$ \$0.2 \$0.276, \$56.996, \$45.2\$ \$45.3\$ \$0.0 \$0.0 \$0.796, \$56.996, \$45.2\$ \$45.3\$ \$0.0 \$0.0 \$0.796, \$56.996, \$45.2\$ \$45.2\$ \$0.0 \$0.0 \$0.796, \$56.996, \$45.2\$ \$45.2\$ \$0.0 \$0.0 \$0.796, \$56.996, \$45.2\$ \$45.2\$ \$0.0 \$0.0 \$0.796, \$56.996, \$45.2\$ \$45.2\$ \$0.1 \$0.2766, \$56.996, \$45.2\$ \$45.2\$ \$0.1 \$0.2766, \$56.996, \$45.2\$ \$45.2\$ \$0.1 \$0.2766, \$56.996, \$45.2\$ \$45.2\$ \$0.1 \$0.2766, \$56.996, \$45.2\$ \$45.2\$ \$0.1 \$0.2766, \$56.996, \$45.2\$ \$45.2\$ \$0.1 \$0.2766, \$56.996, \$45.2\$ \$45.2\$ \$0.1 \$0.2766, \$56.996, \$45.2\$ \$45.2\$ \$0.1 \$0.2766, \$56.996, \$45.2\$ \$45.2\$ \$0.1 \$0.2766, \$45.2\$ \$45.2\$ \$0.1 \$0.2766, \$45.2\$ \$0.1 \$0.2766, \$45.2\$ \$45.2\$ \$0.1			56.9				50.9	50.8	-0.1				45.5				44.5	44.5		
\$31% \$70 \$60 \$0.2 \$0.3% \$53.1% \$50.9 \$50.8 \$0.1 \$0.1% \$53.1% \$45.4 \$46.4 \$0.0 \$0.1% \$53.1% \$44.5 \$44.4 \$0.1 \$0.2% \$60.8 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$																				-0.1%
54.9% 57.0 56.9 -0.2 -0.3% 54.3% 50.8 50.8 50.8 0.0 -0.1% 54.3% 45.4 45.4 0.0 0.1% 55.8% 43.3 44.4 0.0 0.1% 55.8% 45.3 45.4 0.0 0.1 0.2% 55.8% 45.3 45.4 0.0 0.1 0.2% 55.8% 45.3 45.4 0.0 0.1 0.2% 55.8% 45.3 45.4 0.0 0.1 0.2% 55.8% 45.3 45.4 0.0 0.1 0.2% 55.8% 45.3 45.4 0.0 0.1 0.2% 55.8% 45.3 0.1 0.2% 55.8% 45.3 45.4 0.1 0.2% 55.8% 45.3 45.4 0.1 0.2% 55.8% 45.3 45.4 0.1 0.2% 55.8% 45.3 45.4 0.1 0.2% 55.8% 45.3 45.4 0.1 0.2% 55.8% 45.3 45.4 0.1 0.2% 55.8% 45.3 45.4 0.1 0.2% 55.8% 45.3 45.4 0.1 0.2% 55.8% 45.3 45.4 0.1 0.2% 55.8% 45.3 45.4 0.1 0.2% 55.8% 45.3 45.4 0.1 0.2% 55.8% 45.3 45.4 0.1 0.2% 55.8% 45.3 45.4 0.1 0.2% 55.8% 45.3 45.4 0.1 0.2% 55.8% 45.3 45.4 0.1 0.2% 55.8% 45.3 45.3 0.1 0.3% 55.8% 45.3 45.4 0.1 0.2% 55.8% 45.3 45.3 0.1 0.3% 55.8% 45.3 45.4 0.1 0.2% 55.8% 45.8 0.1 0.2% 55.8 55.8 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	53.1%	57.0	56.9	-0.2	-0.3%	53.1%	50.9	50.8	-0.1	-0.1%	53.1%	45.4	45.4	0.0	0.1%	53.1%	44.5	44.4	-0.1	-0.2%
56.9% 56.9 56.8 0.1 -0.1% 56.8% 50.9 50.0 50.0 -0.1 -0.2% 56.8% 45.3 45.4 0.0 0.1% 56.8% 44.2 44.4 0.2 0.3% 56.8% 56.8 56.8 56.8 56.7 0.1 -0.2% 56.8% 56.8 56.8 56.8 0.2 0.4% 56.8% 56.8 56.8 56.8 56.8 56.8 56.8 56.8 56.8	54.3%	57.0	56.9	-0.2		54.3%	50.8	50.8	0.0	-0.1%	54.3%	45.4	45.4	0.0		54.3%	44.4	44.4		0.1%
58.0% 58.8 56.7				-0.1							55.6%									0.1%
59.3% 56.8 56.7 -0.1 -0.2% 59.3% 50.7 50.5 -0.2 -0.4% 59.3% 45.2 45.3 -0.1 0.3% 59.3% 44.2 44.3 0.1 0.2% 59.3% 56.8 56.8 -0.2 -0.4% 56.8 56.8 -0.2 -0.4% 56.8 56.8 -0.2 -0.4% 56.8 56.8 -0.2 -0.4% 56.8 56.8 -0.2 -0.4% 56.8 56.8 -0.2 -0.2% 56.8 56.8 -0.2 -0.2% 56.8 56.8 -0.2 -0.2% 56.8 56.8 -0.2 -0.2% 56.8 56.8 -0.2 -0.2% 56.8 56.8 -0.2 -0.2% 56.8 56.8 -0.2 -0.2% 56.8 56.8 -0.2 -0.2% 56.8 56.8 -0.2 -0.2% 56.8 56.8 -0.2 -0.2% 56.8 56.8 -0.2 -0.2% 56.8 56.8 56.8 -0.2 -0.2% 56.8 56.8 56.8 -0.2 -0.2% 56.8 56.8 56.8 56.8 56.8 56.8 56.8 56.8	56.8%	56.9	56.8	-0.1	-0.1%	56.8%	50.8	50.6	-0.1	-0.2%		45.3	45.4	0.0	0.1%	56.8%				
60.5% 56.8 56.6 -0.2 -0.4% 60.5% 50.7 50.5 -0.1 -0.2% 60.5% 45.2 45.3 0.1 0.3% 60.5% 44.1 44.3 0.2 0.5% 61.7% 56.8 56.6 -0.2 -0.4% 61.7% 50.6 50.5 -0.1 -0.2% 61.7% 45.1 45.2 0.1 0.3% 61.7% 44.1 44.3 0.2 0.5% 68.9% 56.8 56.8 56.8 56.8 56.8 50.3 1.0 0.1 0.2% 56.8 56.8 56.8 56.8 56.8 50.3 1.0 0.1 0.2% 56.8 56.8 56.8 56.8 56.8 56.8 56.8 56.8											58.0%									0.4%
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96.3% 54.4 54.4 0.0 0.1% 96.3% 48.8 48.3 -0.5 -1.0% 96.3% 43.4 43.6 0.2 0.4% 96.3% 42.4 42.4 0.1 0.2% 97.5% 54.3 53.9 -0.4 -0.7% 97.5% 48.5 48.3 -0.2 -0.5% 97.5% 43.2 43.5 0.3 0.7% 97.5% 42.2 42.0 -0.1 -0.3% 98.8% 53.9 53.8 -0.1 -0.2% 98.8% 48.4 48.2 -0.1 -0.3% 98.8% 43.0 42.6 -0.4 -1.0% 98.8% 41.8 41.8 0.0 0.1%		54.6					48.8		-0.1		95.1%	43.4	43.6					42.6		
98.8% 53.9 53.8 -0.1 -0.2% 98.8% 48.4 48.2 -0.1 -0.3% 98.8% 43.0 42.6 -0.4 -1.0% 98.8% 41.8 41.8 0.0 0.1%	96.3%	54.4		0.0	0.1%	96.3%	48.8		-0.5	-1.0%	96.3%	43.4	43.6	0.2	0.4%	96.3%		42.4	0.1	0.2%
98.8% 53.9 53.8 -0.1 -0.2% 98.8% 48.4 48.2 -0.1 -0.3% 98.8% 43.0 42.6 -0.4 -1.0% 98.8% 41.8 41.8 0.0 0.1%	97.5%									-0.5%										-0.3%
100.0% 53.9 53.7 0.0 -0.4% 100.0% 47.1 46.5 -0.7 -1.4% 100.0% 41.6 41.7 0.1 0.2% 100.0% 41.5 41.8 0.3 0.8%																				0.1%
	100.0%	53.9	53.7	0.0	-0.4%	100.0%	47.1	46.5	-0.7	-1.4%	100.0%	41.6	41.7	0.1	0.2%	100.0%	41.5	41.8	0.3	0.8%

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

							March		Probability	y of Exceedance									
Percent		February			Percent					Percent		April			Percent		May		
Exceedance	No Action Alternative		Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative
Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)
0.0%	50.5	50.5	0.0	0.0%	0.0%	56.4	56.3	0.0	0.0%	0.0%	61.3	62.3	1.0	1.7%	0.0%	65.6	65.7	0.1	0.1%
1.2%	49.9	49.8	-0.1	-0.3%	1.2%	56.0	56.0	0.0	0.0%	1.2%	60.9	62.2	1.3	2.1%	1.2%	65.5	65.3	-0.2	-0.3%
2.5% 3.7%	49.7 49.6	49.7 49.7	0.0 0.1	-0.1% 0.1%	2.5% 3.7%	55.6 55.6	56.0 55.5	0.3	0.6% -0.1%	2.5% 3.7%	60.4 60.3	61.6 61.0	1.2 0.7	2.0% 1.2%	2.5% 3.7%	64.9 64.7	65.2 65.2	0.3 0.5	0.5% 0.7%
4.9%	49.4	49.6	0.1	0.5%	4.9%	55.2	55.2	0.0	-0.1%	4.9%	60.3	60.6	0.4	0.6%	4.9%	64.6	64.8	0.3	0.4%
6.2%	49.3	49.4	0.1	0.1%	6.2%	54.9	54.9	0.0	0.1%	6.2%	60.0	60.6	0.5	0.9%	6.2%	64.4	64.4	-0.1	-0.1%
7.4% 8.6%	49.3 49.2	49.4 49.3	0.0 0.1	0.1%	7.4% 8.6%	54.4 54.0	54.3 54.0	-0.1 0.0	-0.2% 0.0%	7.4% 8.6%	59.7 59.6	60.3 60.3	0.6 0.6	1.1% 1.1%	7.4% 8.6%	64.4 64.2	64.3 64.3	0.0	-0.1% 0.0%
9.9%	49.2	48.9	-0.1	-0.2%	9.9%	53.8	53.9	0.0	0.0%	9.9%	59.5	60.2	0.6	1.1%	9.9%	64.2	64.3	0.0	0.0%
11.1%	48.8	48.7	-0.2	-0.3%	11.1%	53.7	53.9	0.2	0.3%	11.1%	59.4	60.1	0.7	1.1%	11.1%	64.2	64.2	0.0	0.1%
12.3%	48.6	48.5	0.0	-0.1%	12.3%	53.5	53.7	0.2	0.4%	12.3%	59.2	60.0	0.8	1.4%	12.3%	64.2	64.2	0.0	0.0%
13.6% 14.8%	48.4 48.4	48.5 48.4	0.1	0.2%	13.6% 14.8%	53.4 53.4	53.7 53.5	0.3	0.6%	13.6% 14.8%	59.1 59.1	60.0	0.9	1.5%	13.6% 14.8%	64.1 64.0	64.1 63.9	0.0 -0.1	0.0% -0.2%
16.0%	48.3	48.2	-0.1	-0.2%	16.0%	53.4	53.4	0.0	0.0%	16.0%	58.7	59.7	0.9	1.6%	16.0%	63.9	63.9	0.0	0.0%
17.3%	48.2	48.2	0.0	0.0%	17.3%	53.4	53.3	-0.1	-0.1%	17.3%	58.7	59.7	1.0	1.7%	17.3%	63.8	63.9	0.0	0.1%
18.5% 19.8%	48.2 48.1	48.1 48.1	0.0	0.0%	18.5% 19.8%	53.3 53.3	53.3 53.3	0.0	0.0%	18.5% 19.8%	58.6 58.6	59.2 59.2	0.6	1.0% 0.9%	18.5% 19.8%	63.7 63.6	63.8 63.4	0.1 -0.2	-0.3%
21.0%	48.1	48.0	-0.1	-0.2%	21.0%	53.1	53.1	0.1	0.1%	21.0%	58.5	59.1	0.6	1.0%	21.0%	63.4	63.4	0.0	-0.1%
22.2%	48.0	48.0	-0.1	-0.2%	22.2%	53.1	53.1	0.0	0.1%	22.2%	58.4	59.0	0.6	1.0%	22.2%	63.4	63.4	0.0	0.0%
23.5% 24.7%	47.9 47.8	47.9 47.8	0.0	0.0%	23.5% 24.7%	52.9 52.9	53.1 53.0	0.1	0.3%	23.5% 24.7%	58.3 58.2	58.9 58.8	0.6	1.0%	23.5% 24.7%	63.0 62.9	63.4	0.4	0.6%
25.9%	47.8	47.8	0.0	-0.1%	25.9%	52.8	52.9	0.1	0.2%	25.9%	58.2	58.7	0.5	0.9%	25.9%	62.8	63.2	0.3	0.5%
27.2%	47.8	47.8	0.0	-0.1%	27.2%	52.6	52.9	0.3	0.6%	27.2%	58.1	58.6	0.5	0.8%	27.2%	62.8	63.1	0.3	0.5%
28.4%	47.8	47.7	0.0	-0.1%	28.4%	52.6	52.8	0.2	0.5%	28.4%	58.1	58.6	0.5	0.8%	28.4%	62.7	63.0	0.3	0.4%
29.6% 30.9%	47.7 47.7	47.7 47.6	0.0 -0.1	-0.1% -0.1%	29.6% 30.9%	52.5 52.4	52.7 52.5	0.2	0.5% 0.2%	29.6% 30.9%	58.1 58.1	58.5 58.5	0.5	0.8%	29.6% 30.9%	62.6 62.6	63.0 62.9	0.3	0.5% 0.5%
32.1%	47.6	47.6	0.0	0.0%	32.1%	52.4	52.4	0.1	0.1%	32.1%	58.1	58.5	0.4	0.8%	32.1%	62.6	62.8	0.2	0.3%
33.3%	47.6	47.6	-0.1	-0.1%	33.3%	52.3	52.4	0.1	0.2%	33.3%	58.0	58.4	0.4	0.7%	33.3%	62.5	62.8	0.2	0.4%
34.6% 35.8%	47.6 47.6	47.6 47.5	-0.1 -0.1	-0.1% -0.2%	34.6% 35.8%	52.3 52.3	52.3 52.2	0.1	0.1% -0.1%	34.6% 35.8%	57.9 57.9	58.4 58.2	0.4	0.8%	34.6% 35.8%	62.5 62.3	62.6 62.5	0.1 0.2	0.2%
37.0%	47.5	47.5	-0.1	-0.2%	37.0%	52.1	52.1	0.0	0.1%	37.0%	57.9	58.0	0.4	0.7%	37.0%	62.1	62.5	0.4	0.6%
38.3%	47.4	47.4	0.0	0.0%	38.3%	52.0	52.1	0.1	0.2%	38.3%	57.7	57.9	0.2	0.4%	38.3%	62.1	62.5	0.4	0.6%
39.5%	47.4 47.3	47.4 47.4	0.0	0.0%	39.5%	51.8 51.8	52.0 52.0	0.2	0.5%	39.5%	57.5 57.4	57.9 57.8	0.4	0.7%	39.5% 40.7%	62.1 62.0	62.5 62.5	0.4	0.7%
40.7% 42.0%	47.3 47.3	47.4	0.0	0.1%	40.7% 42.0%	51.8 51.8	52.0	0.2	0.3%	40.7% 42.0%	57.4 57.4	57.8 57.8	0.4	0.7%	40.7%	62.0	62.5	0.4	0.7%
43.2%	47.3	47.2	-0.1	-0.3%	43.2%	51.7	51.8	0.0	0.1%	43.2%	57.4	57.8	0.4	0.7%	43.2%	62.0	62.3	0.4	0.6%
44.4%	47.3	47.1	-0.1	-0.3%	44.4%	51.7	51.7	0.1	0.1%	44.4%	57.3	57.7	0.4	0.6%	44.4%	61.9	62.3	0.4	0.6%
45.7% 46.9%	47.2 47.2	47.1 47.0	-0.1 -0.1	-0.2% -0.3%	45.7% 46.9%	51.6 51.6	51.7 51.7	0.1 0.1	0.2%	45.7% 46.9%	57.2 57.2	57.6 57.5	0.3	0.6%	45.7% 46.9%	61.9 61.9	62.3 62.2	0.4	0.6%
48.1%	47.2	47.0	-0.1	-0.3%	48.1%	51.5	51.7	0.1	0.4%	48.1%	57.2	57.5	0.3	0.6%	48.1%	61.8	62.1	0.3	0.5%
49.4%	47.0	47.0	-0.1	-0.2%	49.4%	51.4	51.6	0.2	0.5%	49.4%	57.0	57.4	0.3	0.5%	49.4%	61.8	62.1	0.3	0.5%
50.6% 51.9%	47.0 47.0	47.0 47.0	0.0	0.0%	50.6% 51.9%	51.4 51.4	51.6 51.5	0.2	0.5%	50.6%	57.0 56.8	57.2 57.2	0.2	0.3%	50.6% 51.9%	61.8 61.8	62.1 62.0	0.3	0.5%
53.1%	47.0	47.0	0.0 -0.1	-0.1%	53.1%	51.4 51.3	51.5 51.4	0.1	0.3%	51.9% 53.1%	56.8	57.2 57.2	0.4	0.7%	51.9%	61.8	62.0	0.3	0.4%
54.3%	46.8	46.8	0.0	0.1%	54.3%	51.2	51.4	0.2	0.3%	54.3%	56.7	57.2	0.5	0.9%	54.3%	61.7	62.0	0.2	0.4%
55.6%	46.7	46.7	0.0	0.0%	55.6%	51.1	51.3	0.1	0.3%	55.6%	56.6	57.2	0.6	1.0%	55.6%	61.7	62.0	0.2	0.4%
56.8% 58.0%	46.7 46.6	46.7 46.7	0.1 0.1	0.1%	56.8% 58.0%	51.1 51.0	51.2 51.0	0.1	0.2%	56.8% 58.0%	56.5 56.5	57.1 57.0	0.5 0.5	0.9%	56.8% 58.0%	61.7 61.7	62.0 61.9	0.2	0.4%
59.3%	46.6	46.6	0.0	0.0%	59.3%	51.0	51.0	0.0	0.1%	59.3%	56.4	57.0	0.5	0.9%	59.3%	61.7	61.9	0.2	0.4%
60.5%	46.6	46.6	0.0	0.0%	60.5%	50.9	51.0	0.1	0.1%	60.5%	56.4	56.7	0.3	0.6%	60.5%	61.7	61.8	0.2	0.3%
61.7%	46.6	46.6	0.0	0.0%	61.7%	50.9	51.0	0.1	0.1%	61.7%	56.3	56.6	0.3	0.6%	61.7%	61.6	61.8	0.2	0.3%
63.0% 64.2%	46.6 46.6	46.6 46.6	0.0	0.0%	63.0% 64.2%	50.9 50.7	50.9 50.9	0.0	0.0%	63.0% 64.2%	56.3 56.1	56.5 56.4	0.2	0.3%	63.0% 64.2%	61.5 61.5	61.8 61.8	0.3	0.5%
65.4%	46.5	46.5	0.0	0.0%	65.4%	50.7	50.7	0.1	0.1%	65.4%	56.0	56.3	0.3	0.5%	65.4%	61.4	61.7	0.2	0.4%
66.7%	46.5	46.5	0.0	0.0%	66.7%	50.6	50.6	0.0	0.0%	66.7%	56.0	56.3	0.3	0.5%	66.7%	61.4	61.5	0.2	0.2%
67.9% 69.1%	46.4 46.3	46.4 46.4	0.0	0.0%	67.9% 69.1%	50.5 50.5	50.6 50.6	0.1 0.1	0.2%	67.9% 69.1%	55.9 55.8	56.3 56.0	0.4	0.7%	67.9% 69.1%	61.3 61.3	61.5 61.4	0.2	0.3%
70.4%	46.3	46.3	0.0	0.1%	70.4%	50.3	50.6	0.1	0.2%	70.4%	55.6	55.9	0.2	0.6%	70.4%	61.3	61.3	0.2	0.0%
71.6%	46.3	46.3	0.0	0.0%	71.6%	50.3	50.4	0.2	0.3%	71.6%	55.6	55.8	0.3	0.5%	71.6%	61.2	61.2	0.0	0.0%
72.8% 74.1%	46.2 46.2	46.2 46.2	0.0	-0.1% -0.1%	72.8% 74.1%	50.2 50.2	50.3 50.3	0.1	0.3%	72.8% 74.1%	55.5 55.4	55.8 55.8	0.3	0.6%	72.8% 74.1%	61.1 61.0	61.1	0.0	0.0%
74.1% 75.3%	46.2 45.9	46.2 45.9	0.0	-0.1% 0.0%	74.1% 75.3%	50.2 50.0	50.3 50.1	0.2	0.3%	74.1% 75.3%	55.4 55.3	55.8 55.6	0.3	0.6%	74.1% 75.3%	61.0 60.9	61.1 61.0	0.0	0.0%
76.5%	45.8	45.9	0.0	0.1%	76.5%	50.0	50.0	0.1	0.1%	76.5%	55.1	55.3	0.1	0.2%	76.5%	60.8	60.9	0.1	0.1%
77.8%	45.8	45.8	0.0	0.0%	77.8%	49.7	49.8	0.0	0.1%	77.8%	54.8	55.1	0.3	0.5%	77.8%	60.8	60.9	0.1	0.2%
79.0% 80.2%	45.8 45.7	45.8 45.6	0.0	0.0%	79.0% 80.2%	49.5 49.4	49.5 49.4	0.0 -0.1	0.0% -0.1%	79.0% 80.2%	54.8 54.7	55.0 54.8	0.2	0.3%	79.0% 80.2%	60.8 60.7	60.8 60.8	0.0	0.0%
80.2% 81.5%	45.7 45.6	45.6 45.6	0.0	0.0%	80.2% 81.5%	49.4 49.2	49.4 49.3	-0.1 0.0	-0.1% 0.1%	80.2% 81.5%	54.7 54.5	54.8 54.7	0.1	0.2%	80.2% 81.5%	60.7 60.7	60.8	0.0	0.1%
82.7%	45.6	45.6	0.0	0.1%	82.7%	49.2	49.2	0.0	-0.1%	82.7%	54.3	54.6	0.3	0.5%	82.7%	60.7	60.6	-0.1	-0.2%
84.0%	45.6	45.6	0.0	0.1%	84.0%	49.1	49.1	0.0	0.0%	84.0%	54.2	54.3	0.2	0.3%	84.0%	60.4	60.3	-0.1	-0.1%
85.2% 86.4%	45.5 45.4	45.5 45.4	0.0	-0.1% -0.1%	85.2% 86.4%	49.0 48.9	49.1 49.0	0.0	0.1% 0.2%	85.2% 86.4%	54.1 54.1	54.3 54.2	0.2	0.4%	85.2% 86.4%	60.2 60.2	60.2 60.2	0.0	0.1%
87.7%	45.4 45.3	45.4 45.3	0.0	0.1%	87.7%	48.9	48.9	0.0	0.2%	87.7%	54.0	54.1	0.1	0.2%	87.7%	60.1	60.1	0.0	0.1%
88.9%	45.3	45.3	0.0	0.0%	88.9%	48.8	48.9	0.1	0.2%	88.9%	54.0	54.1	0.0	0.1%	88.9%	60.1	60.1	0.0	0.0%
90.1%	45.1	45.2	0.0	0.0%	90.1%	48.7	48.8	0.0	0.1%	90.1%	53.9	54.0	0.2	0.3%	90.1%	59.8	59.9	0.0	0.0%
91.4% 92.6%	45.1 45.1	45.1 45.1	0.0	0.0%	91.4% 92.6%	48.6 48.6	48.7 48.6	0.1	0.3%	91.4% 92.6%	53.7 53.5	53.9 53.5	0.2	0.4%	91.4% 92.6%	59.5 59.0	59.5 59.3	0.0	0.1%
93.8%	45.1	45.1	0.0	0.1%	93.8%	48.5	48.6	0.0	0.1%	93.8%	53.3	53.3	0.0	0.0%	93.8%	59.0	59.1	0.2	0.4%
95.1%	44.9	44.9	0.0	0.0%	95.1%	48.3	48.3	0.0	0.0%	95.1%	53.1	53.3	0.1	0.2%	95.1%	58.9	58.7	-0.2	-0.4%
96.3%	44.7	44.7	0.1	0.1%	96.3%	48.1	48.1	0.0	0.0%	96.3%	52.9	53.1	0.1	0.3%	96.3%	58.7	58.7	0.0	0.0%
97.5% 98.8%	44.6 44.4	44.7 44.3	0.1	0.1%	97.5% 98.8%	48.0 47.7	48.0 47.7	0.0	0.1%	97.5% 98.8%	51.9 50.8	51.9 50.8	0.0	0.0% -0.1%	97.5% 98.8%	58.6 58.0	58.5 57.9	-0.1 -0.1	-0.3% -0.2%
100.0%	43.8	43.8	0.0	0.0%	100.0%	47.6	47.6	0.0	0.0%	100.0%	49.5	49.5	0.0	0.0%	100.0%	55.5	55.5	0.0	0.0%

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

August

September

Percent		June			Percent		July			Percent		August			Percent				
Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)
(%)	(DEG-E)	(DEG-E)	(DEG-F)		(%)	(DEG-E)	(DEG-E)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-E)	(DEG-E)	(DEG-F)	
0.0%	67.6	67.9	0.2	0.4%		69.7	69.4	-0.3	-0.4%	0.0%	71.7	70.7	-1.1	-1.5%	0.0%	68.7	68.4	-0.4	-0.6%
1.2%	67.6	67.1	-0.4	-0.7%	1.2%	69.6	68.6	-1.1	-1.6%	1.2%	71.5	69.7	-1.8	-2.5%	1.2%	68.5	68.0	-0.5	-0.7%
2.5%	66.7	66.7	0.0	0.0%	2.5%	68.7	68.4	-0.3	-0.5%	2.5%	69.9	68.8	-1.1	-1.6%	2.5%	68.3	68.0	-0.3	-0.5%
3.7%	66.6	66.3	-0.3	-0.4%	3.7%	68.5	68.2	-0.3	-0.4%	3.7%	69.7	68.7	-1.0	-1.4%	3.7%	68.2	67.6	-0.6	-0.9%
4.9%	66.4	66.3	-0.2	-0.3%	4.9%	68.1	67.8	-0.3	-0.5%	4.9%	69.3	68.5	-0.8	-1.1%	4.9%	67.8	67.1	-0.7	-1.0%
6.2%	66.4	65.4	-1.0	-1.4%	6.2%	67.9	67.7	-0.2	-0.3%	6.2%	68.9	68.1	-0.9	-1.3%	6.2%	67.4	67.1	-0.3	-0.4%
7.4%	66.0	65.4	-0.6	-0.9%	7.4%	67.9	67.5	-0.3	-0.5%	7.4%	68.2	67.8	-0.4	-0.5%	7.4%	67.0	66.6	-0.4	-0.6%
8.6%	65.9	65.2	-0.7	-1.0%	8.6%	67.8	67.2	-0.6	-1.0%	8.6%	68.0	67.6	-0.4	-0.5%	8.6%	66.6	66.5	-0.1	-0.2%
9.9%	65.9	65.2	-0.7	-1.1%	9.9%	67.7	67.0	-0.6	-0.9%	9.9%	68.0	67.6	-0.4	-0.5%	9.9%	66.3	66.3	-0.1	-0.1%
11.1%	65.8	65.1	-0.6	-1.0%	11.1%	67.6	66.9	-0.7	-1.0%	11.1%	68.0	67.6	-0.4	-0.5%	11.1%	66.3	66.2	-0.1	-0.1%
12.3%	65.7	65.1	-0.7	-1.0%	12.3%	67.6	66.9	-0.7	-1.0%	12.3%	67.9	67.2	-0.7	-1.0%	12.3%	66.1	65.8	-0.3	-0.5%
13.6%	65.5	65.0	-0.4	-0.7%	13.6%	67.6	66.9	-0.7	-1.0%	13.6%	67.8	67.2	-0.7	-1.0%	13.6%	66.0	65.5	-0.5	-0.8%
14.8%	65.4	65.0	-0.3	-0.5%	14.8%	67.5	66.8	-0.7	-1.0%	14.8%	67.7	66.9	-0.9	-1.3%	14.8%	66.0	65.5	-0.6	-0.8%
16.0%	65.3	65.0	-0.3	-0.5%	16.0%	67.1	66.8	-0.4	-0.5%	16.0%	67.3	66.8	-0.5	-0.7%	16.0%	65.7	65.0	-0.6	-1.0%
17.3%	65.2	65.0	-0.2	-0.3%	17.3%	67.1	66.7	-0.4	-0.6%	17.3%	67.3	66.7	-0.6	-0.9%	17.3%	65.4	65.0	-0.4	-0.6%
18.5%	65.2	64.9	-0.3	-0.5%	18.5%	67.0	66.6	-0.4	-0.6%	18.5%	67.2	66.6	-0.6	-0.8%	18.5%	65.3	64.9	-0.3	-0.5%
19.8%	65.1	64.8	-0.4	-0.6%	19.8%	67.0	66.6	-0.3	-0.5%	19.8%	67.1	66.6	-0.5	-0.8%	19.8%	65.2	64.8	-0.4	-0.6%
21.0%	65.1	64.7	-0.4	-0.6%	21.0%	66.8	66.5	-0.3	-0.4%	21.0%	67.0	66.5	-0.5	-0.7%	21.0%	65.1	64.8	-0.3	-0.4%
22.2%	65.1	64.7	-0.4	-0.7%	22.2%	66.7	66.4	-0.2	-0.4%	22.2%	67.0	66.5	-0.5	-0.7%	22.2%	65.0	64.8	-0.2	-0.3%
23.5%	65.1	64.6	-0.5	-0.8%	23.5%	66.7	66.3	-0.4	-0.6%	23.5%	66.6	66.5	-0.1	-0.2%	23.5%	65.0	64.5	-0.4	-0.7%
24.7%	65.1	64.5	-0.6	-0.9%	24.7%	66.7	66.2	-0.5	-0.7%	24.7%	66.5	66.4	-0.1	-0.1%	24.7%	64.9	64.4	-0.5	-0.8%
25.9%	64.9	64.5	-0.5	-0.7%	25.9%	66.7	66.2	-0.5	-0.7%	25.9%	66.4	66.4	0.0	0.0%	25.9%	64.8	64.4	-0.4	-0.6%
27.2%	64.9	64.5	-0.5	-0.7%	27.2%	66.4	66.2	-0.2	-0.3%	27.2%	66.4	66.4	0.0	0.0%	27.2%	64.8	64.4	-0.4	-0.6%
28.4%	64.9	64.4	-0.5	-0.7%	28.4%	66.4	66.1	-0.3	-0.5%	28.4%	66.3	66.3	0.0	0.0%	28.4%	64.8	64.4	-0.4	-0.6%
29.6%	64.9	64.4	-0.5	-0.7%	29.6%	66.4	66.0	-0.4	-0.5%	29.6%	66.3	66.2	-0.1	-0.2%	29.6%	64.7	64.3	-0.3	-0.5%
30.9%	64.9	64.4	-0.5	-0.7%	30.9%	66.4	65.9	-0.5	-0.7%	30.9%	66.3	66.2	-0.1	-0.1%	30.9%	64.6	64.3	-0.3	-0.4%
32.1%	64.6	64.3	-0.4	-0.5%	32.1%	66.4	65.8	-0.5	-0.8%	32.1%	66.2	66.2	0.0	0.0%	32.1%	64.5	64.3	-0.2	-0.4%
33.3%	64.6	64.1	-0.5	-0.7%	33.3%	66.3	65.8	-0.5	-0.8%	33.3%	66.2	66.1	-0.1	-0.1%	33.3%	64.4	64.3	-0.1	-0.2%
34.6%	64.5	64.1	-0.5	-0.7%	34.6%	66.2	65.8	-0.4	-0.6%	34.6%	66.1	66.1	-0.1	-0.1%	34.6%	64.4	64.1	-0.2	-0.3%
35.8%	64.5	64.1	-0.5	-0.7%	35.8%	66.0	65.7	-0.3	-0.5%	35.8%	66.1	66.0	-0.1	-0.1%	35.8%	64.3	64.1	-0.2	-0.3%
37.0%	64.4	64.0	-0.5	-0.7%	37.0%	65.9	65.7	-0.2	-0.3%	37.0%	66.1	65.9	-0.1	-0.2%	37.0%	64.2	64.0	-0.2	-0.4%
38.3%	64.4	64.0	-0.5	-0.7%	38.3%	65.9	65.6	-0.2	-0.4%	38.3%	66.0	65.9	-0.2	-0.2%	38.3%	64.0	64.0	0.0	0.0%
39.5%	64.4	63.9	-0.4	-0.7%	39.5%	65.9	65.6	-0.2	-0.4%	39.5%	65.9	65.9	-0.1	-0.1%	39.5%	64.0	63.9	-0.1	-0.1%
40.7%	64.3	63.8	-0.5	-0.7%	40.7%	65.8	65.6	-0.2	-0.3%	40.7%	65.9	65.8	0.0	-0.1%	40.7%	63.9	63.6	-0.3	-0.5%
42.0%	64.2	63.7	-0.5	-0.8%	42.0%	65.7	65.6	-0.1	-0.2%	42.0%	65.8	65.7	-0.1	-0.1%	42.0%	63.8	63.5	-0.3	-0.4%
43.2%	64.2	63.7	-0.5	-0.8%	43.2%	65.6	65.4	-0.3	-0.4%	43.2%	65.8	65.7	-0.1	-0.1%	43.2%	63.7	63.5	-0.3	-0.4%
44.4%	64.2	63.6	-0.5	-0.8%	44.4%	65.5	65.3	-0.1	-0.2%	44.4%	65.8	65.7	-0.1	-0.1%	44.4%	63.6	63.5	-0.2	-0.3%
45.7%	64.2	63.6	-0.5	-0.8%	45.7%	65.5	65.3	-0.2	-0.3%	45.7%	65.7	65.7	0.0	0.0%	45.7%	63.5	63.4	-0.1	-0.2%
46.9%	64.1	63.6	-0.5	-0.8%	46.9%	65.4	65.2	-0.2	-0.3%	46.9%	65.6	65.6	0.0	0.1%	46.9%	63.5	63.3	-0.2	-0.3%
48.1%	64.0	63.6	-0.4	-0.6%	48.1%	65.4	65.1	-0.3	-0.5%	48.1%	65.5	65.6	0.0	0.0%	48.1%	63.4	63.3	-0.1	-0.2%
49.4%	64.0	63.6	-0.3	-0.5%	49.4%	65.3	65.0	-0.3	-0.4%	49.4%	65.5	65.5	0.0	0.1%	49.4%	63.4	63.3	-0.1	-0.2%
50.6%	63.9	63.6	-0.3	-0.4%	50.6%	65.3	65.0	-0.3	-0.5%	50.6%	65.5	65.5	0.0	0.1%	50.6%	63.3	63.2	-0.1	-0.1%
51.9%	63.9	63.5	-0.4	-0.6%	51.9%	65.3	65.0	-0.3	-0.5%	51.9%	65.4	65.5	0.1	0.1%	51.9%	63.2	63.2	0.0	0.0%
53.1%	63.8	63.4	-0.4	-0.6%	53.1%	65.3	64.9	-0.3	-0.5%	53.1%	65.4	65.5	0.1	0.1%	53.1%	63.2	63.2	0.0	0.0%
54.3%	63.7	63.3	-0.4	-0.6%	54.3%	65.2	64.8	-0.4	-0.6%	54.3%	65.4	65.5	0.1	0.1%	54.3%	63.0	63.1	0.1	0.2%
55.6%	63.7	63.3	-0.4	-0.7%	55.6%	65.2	64.8	-0.4	-0.6%	55.6%	65.4	65.5	0.1	0.1%	55.6%	62.9	63.1	0.2	0.3%
56.8%	63.6	63.3	-0.3	-0.5%	56.8%	65.1	64.8	-0.3	-0.5%	56.8%	65.3	65.4	0.1	0.2%	56.8%	62.8	63.0	0.2	0.3%
58.0%	63.5	63.3	-0.2	-0.3%	58.0%	65.1	64.6	-0.5	-0.8%	58.0%	65.3	65.4	0.1	0.2%	58.0%	62.8	63.0	0.2	0.3%
59.3%	63.4	63.2	-0.2	-0.3%	59.3%	65.1	64.6	-0.5	-0.8%	59.3%	65.3	65.4	0.1	0.2%	59.3%	62.8	63.0	0.2	0.3%
60.5%	63.4	63.2	-0.2	-0.3%	60.5%	65.0	64.5	-0.5	-0.8%	60.5%	65.2	65.4	0.2	0.3%	60.5%	62.5	62.9	0.4	0.7%
61.7%	63.3	63.2	-0.2	-0.3%	61.7%	65.0	64.5	-0.5	-0.8%	61.7%	65.2	65.3	0.1	0.2%	61.7%	62.5	62.9	0.4	0.6%
63.0%	63.3	63.2	-0.1	-0.2%	63.0%	64.9	64.4	-0.5	-0.7%	63.0%	65.2	65.2	0.0	0.1%	63.0%	62.4	62.8	0.5	0.7%
64.2%	63.3	63.1	-0.1	-0.2%	64.2%	64.9	64.4	-0.5	-0.7%	64.2%	65.1	65.1	-0.1	-0.1%	64.2%	62.3	62.8	0.5	0.7%
65.4%	63.2	63.0	-0.2	-0.4%	65.4%	64.8	64.4	-0.5	-0.7%	65.4%	65.1	65.1	-0.1	-0.1%	65.4%	62.3	62.7	0.4	0.6%
66.7%	63.2	63.0	-0.2	-0.3%	66.7%	64.7	64.3	-0.4	-0.6%	66.7%	65.0	65.0	0.0	0.0%	66.7%	62.3	62.7	0.4	0.7%
67.9%	63.1	63.0	-0.2	-0.3%	67.9%	64.6	64.3	-0.3	-0.4%	67.9%	65.0	65.0	-0.1	-0.1%	67.9%	62.2	62.3	0.0	0.0%
69.1%	63.1	63.0	-0.2	-0.3%	69.1%	64.5	64.2	-0.3	-0.5%	69.1%	65.0	64.9	-0.1	-0.1%	69.1%	61.9	62.1	0.2	0.3%
70.4%	63.1	63.0	-0.2	-0.2%	70.4%	64.5	64.2	-0.3	-0.5%	70.4%	64.9	64.9	0.0	0.0%	70.4%	61.8	61.9	0.1	0.2%
71.6%	63.0	62.8	-0.2	-0.3%	71.6%	64.5	64.1	-0.4	-0.6%	71.6%	64.8	64.8	0.0	0.0%	71.6%	61.6	61.8	0.2	0.4%
72.8%	63.0	62.7	-0.2	-0.4%	72.8%	64.4	64.1	-0.4	-0.6%	72.8%	64.4	64.7	0.3	0.4%	72.8%	61.6	61.7	0.1	0.2%
74.1%	63.0	62.7	-0.3	-0.4%	74.1%	64.4	64.0	-0.4	-0.6%	74.1%	64.4	64.7	0.3	0.5%	74.1%	61.6	61.7	0.1	0.2%
75.3%	62.9	62.7	-0.3	-0.4%	75.3%	64.3	64.0	-0.3	-0.4%	75.3%	64.3	64.7	0.3	0.5%	75.3%	61.5	61.7	0.1	0.2%
76.5%	62.9	62.6	-0.3	-0.5%	76.5%	64.3	64.0	-0.3	-0.4%	76.5%	64.3	64.6	0.4	0.6%	76.5%	61.4	61.6	0.2	0.3%
77.8%	62.9	62.6	-0.3	-0.5%	77.8%	64.2	64.0	-0.2	-0.3%	77.8%	64.3	64.6	0.3	0.5%	77.8%	61.2	61.5	0.3	0.4%
79.0%	62.9	62.5	-0.3	-0.5%	79.0%	64.2	64.0	-0.2	-0.3%	79.0%	64.3	64.6	0.3	0.5%	79.0%	61.2	61.5	0.3	0.4%
80.2%	62.8	62.5	-0.3	-0.5%	80.2%	64.1	64.0	-0.1	-0.2%	80.2%	64.3	64.5	0.2	0.4%	80.2%	61.2	61.5	0.3	0.4%
81.5%	62.8	62.5	-0.4	-0.6%	81.5%	63.9	63.9	0.0	0.0%	81.5%	64.2	64.4	0.2	0.3%	81.5%	61.0	61.4	0.3	0.6%
82.7%	62.7	62.4	-0.3	-0.5%	82.7%	63.9	63.9	0.0	0.0%	82.7%	64.2	64.3	0.2	0.2%	82.7%	61.0	61.2	0.2	0.3%
84.0%	62.6	62.4	-0.3	-0.4%	84.0%	63.9	63.7	-0.2	-0.3%	84.0%	63.9	64.3	0.4	0.6%	84.0%	61.0	61.1	0.1	0.2%
85.2%	62.6	62.3	-0.4	-0.6%	85.2%	63.9	63.6	-0.3	-0.5%	85.2%	63.9	64.2	0.3	0.5%	85.2%	60.9	61.0	0.1	0.2%
86.4%	62.5	62.2	-0.3	-0.4%	86.4%	63.7	63.3	-0.4	-0.6%	86.4%	63.9	64.1	0.2	0.4%	86.4%	60.9	61.0	0.1	0.1%
87.7%	62.5	62.2	-0.3	-0.4%	87.7%	63.7	63.2	-0.6	-0.9%	87.7%	63.7	64.0	0.4	0.6%	87.7%	60.8	60.8	0.1	0.1%
88.9%	62.4	62.2	-0.2	-0.4%	88.9%	63.4	63.1	-0.3	-0.4%	88.9%	63.6	64.0	0.4	0.7%	88.9%	60.7	60.8	0.1	0.2%
90.1%	62.4	61.8	-0.6	-0.9%	90.1%	63.3	62.7	-0.7	-1.1%	90.1%	63.5	63.9	0.4	0.6%	90.1%	60.6	60.7	0.1	0.2%
91.4%	62.4	61.8	-0.6	-1.0%	91.4%	63.3	62.7	-0.6	-0.9%	91.4%	63.5	63.9	0.5	0.7%	91.4%	60.5	60.5	0.0	0.0%
92.6%	62.2	61.7	-0.5	-0.8%	92.6%	63.2	62.6	-0.6	-0.9%	92.6%	63.4	63.7	0.3	0.5%	92.6%	60.4	60.4	0.0	0.0%
93.8%	62.0	61.4	-0.6	-1.0%	93.8%	63.1	62.6	-0.6	-0.9%	93.8%	63.2	63.7	0.4	0.7%	93.8%	60.3	60.2	-0.1	-0.2%
95.1%	62.0	61.4	-0.6	-1.0%	95.1%	63.1	62.5	-0.6	-0.9%	95.1%	63.2	63.6	0.4	0.6%	95.1%	60.0	60.1	0.2	0.3%
96.3%	61.6	61.3	-0.3	-0.5%	96.3%	62.7	62.5	-0.2	-0.4%	96.3%	63.2	63.2	0.1	0.1%	96.3%	59.7	59.6	-0.1	-0.1%
97.5%	61.5	61.2	-0.3	-0.5%	97.5%	62.7	62.1	-0.6	-0.9%	97.5%	63.1	63.0	-0.1	-0.2%	97.5%	59.2	59.6	0.4	0.6%
98.8%	61.5	61.0	-0.4	-0.7%	98.8%	62.4	61.8	-0.6	-1.0%	98.8%	63.0	62.8	-0.3	-0.4%	98.8%	59.0	59.0	0.1	0.1%
100.0%	60.6	60.6	0.1	0.1%	100.0%	62.0	61.3	-0.7	-1.1%	100.0%	62.8	62.7	-0.1	-0.1%	100.0%	59.0	58.6	-0.4	-0.7%

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

					Mon	thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Loi	ng-term	-		-		-		
Full Simulation Period ¹												
No Action Alternative	58.3	51.1	45.2	44.4	47.2	51.9	57.7	63.7	67.6	70.3	70.1	65.7
Alternative A	58.1	51.1	45.2	44.4	47.2	52.0	57.9	63.8	67.3	69.6	69.7	65.4
Difference	-0.1	-0.1	0.0	0.1	0.0	0.1	0.2	0.1	-0.3	-0.7	-0.4	-0.2
Percent Difference ³	-0.2%	-0.1%	0.1%	0.2%	0.1%	0.2%	0.3%	0.1%	-0.5%	-1.0%	-0.5%	-0.39
				Water Y	ear Types	2						
Wet (32%)												
No Action Alternative	57.6	51.3	45.2	44.7	46.8	50.6	55.4	62.5	67.1	70.7	70.0	63.5
Alternative A	57.4	51.2	45.3	44.7	46.8	50.6	55.5	62.5	66.7	70.1	70.1	63.3
Difference	-0.2	-0.1	0.1	0.0	0.0	0.1	0.1	0.0	-0.4	-0.6	0.0	-0.1
Percent Difference	-0.3%	-0.2%	0.2%	0.1%	0.1%	0.1%	0.2%	-0.1%	-0.6%	-0.9%	0.1%	-0.29
Above Normal (15%)												
No Action Alternative	58.0	50.7	45.5	44.8	47.0	51.7	57.6	64.4	67.9	69.8	70.1	65.4
Alternative A	57.9	50.7	45.6	44.8	47.1	51.8	57.8	64.3	67.6	68.8	69.9	65.5
Difference	-0.1	0.0	0.1	0.1	0.0	0.1	0.2	-0.1	-0.3	-1.0	-0.2	0.1
Percent Difference	-0.1%	0.0%	0.3%	0.2%	0.1%	0.3%	0.3%	-0.1%	-0.5%	-1.4%	-0.3%	0.2%
Below Normal (17%)												
No Action Alternative	57.7	51.0	45.3	44.2	46.7	51.9	58.6	64.2	67.7	70.1	69.8	66.5
Alternative A	57.4	50.9	45.3	44.2	46.7	52.1	58.9	64.5	67.4	69.0	69.5	66.0
Difference	-0.3	-0.1	0.0	0.1	0.1	0.2	0.3	0.3	-0.3	-1.1	-0.3	-0.4
Percent Difference	-0.5%	-0.1%	0.0%	0.1%	0.1%	0.4%	0.5%	0.4%	-0.4%	-1.5%	-0.4%	-0.69
Dry (22%)												
No Action Alternative	58.6	51.4	45.2	44.0	47.4	52.6	59.4	64.2	68.2	69.9	69.7	67.0
Alternative A	58.5	51.4	45.2	44.1	47.5	52.8	59.7	64.4	67.9	69.2	69.2	66.7
Difference	-0.1	-0.1	0.0	0.1	0.0	0.2	0.3	0.2	-0.3	-0.7	-0.5	-0.2
Percent Difference	-0.1%	-0.1%	-0.1%	0.3%	0.1%	0.3%	0.5%	0.2%	-0.5%	-1.0%	-0.7%	-0.39
Critical (15%)												
No Action Alternative	60.1	50.9	44.7	44.1	48.4	53.6	59.3	64.4	67.5	70.7	71.1	67.8
Alternative A	60.0	50.8	44.7	44.2	48.5	53.7	59.5	64.6	67.3	70.3	69.7	67.3
Difference	-0.1	-0.1	0.0	0.1	0.1	0.1	0.2	0.2	-0.2	-0.4	-1.3	-0.5
Percent Difference	-0.2%	-0.2%	0.1%	0.2%	0.2%	0.2%	0.4%	0.3%	-0.3%	-0.5%	-1.9%	-0.79

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



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

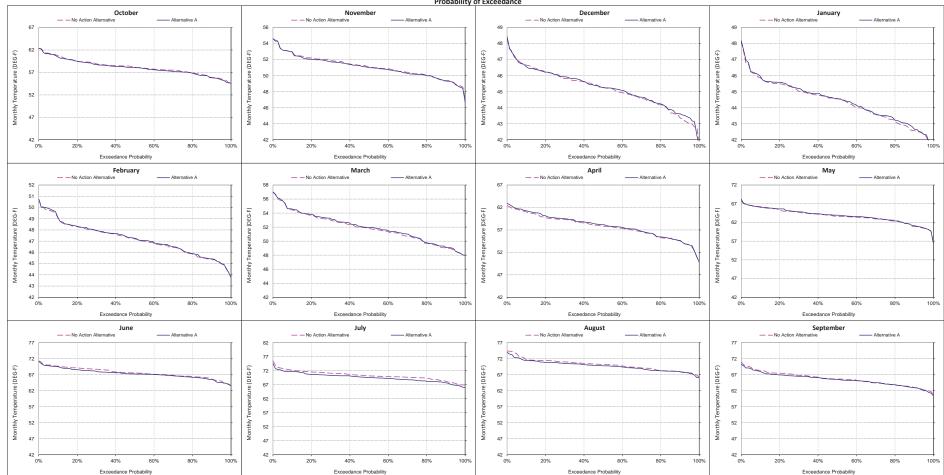


Table SQ-11-3b Sacramento River at Knights Landing, Monthly Temperature Probability of Exceedance

		October					November					December					January		
Percent	No Action Alternative	Alternative A	Absolute	Relative	Percent	No Action Alternative	Alternative A	Absolute	Relative	Percent	No Action Alternative	Alternative A	Absolute	Relative	Percent	No Action Alternative	Alternative A	Absolute	Relative
Exceedance Probability		Monthly Temperature	Difference	Difference (%)	Exceedance Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Exceedance Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Exceedance Probability		Monthly Temperature	Difference	Difference (%)
	(DEG-F)	(DEG-F)	(DEG-F)	Difference (%)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (%)	(%)	(DEG-F)	(DEG-E)	(DEG-F)	Difference (%)	(%)	(DFG-F)	(DEG-F)	(DEG-F)	Difference (%)
0.0%	62.3	62.3	0.0	0.0%	0.0%	(DEG-F) 54.6	(DEG-F) 54.6	0.0	0.1%	0.0%	48.3	(DEG-F) 48.4	0.2	0.3%	0.0%	(DEG-F) 48.1	48.2	0.1	0.1%
1.2%	62.3	62.2	-0.1	-0.2%	1.2%	54.5	54.3	-0.1	-0.3%	1.2%	47.7	47.7	0.0	0.1%	1.2%	47.5	47.6	0.1	0.1%
2.5%	61.7	61.4	-0.1	-0.6%	2.5%	54.3	54.3	0.0	0.0%	2.5%	47.5	47.5	-0.1	-0.2%	2.5%	46.8	47.0	0.1	0.4%
3.7%	61.3	61.2	-0.1	-0.2%	3.7%	53.5	53.4	0.0	-0.1%	3.7%	47.2	47.3	0.1	0.2%	3.7%	46.7	46.8	0.1	0.2%
4.9%	61.3	61.2	-0.1	-0.2%	4.9%	53.2	53.2	0.0	0.0%	4.9%	47.0	47.0	0.0	0.0%	4.9%	46.2	46.3	0.0	0.1%
6.2%	61.2	61.0	-0.1	-0.2%	6.2%	53.1	53.1	0.0	0.0%	6.2%	46.9	46.8	-0.1	-0.2%	6.2%	46.1	46.2	0.1	0.1%
7.4%	61.0	61.0	0.0	-0.1%	7.4%	53.1	53.1	0.0	0.0%	7.4%	46.8	46.8	0.0	-0.1%	7.4%	46.1	46.1	0.0	0.0%
8.6%	61.0	60.8	-0.2	-0.3%	8.6%	53.0	53.0	0.0	0.0%	8.6%	46.7	46.7	0.0	-0.1%	8.6%	45.9	46.1	0.2	0.4%
9.9%	60.7	60.4	-0.3	-0.5%	9.9%	53.0	53.0	-0.1	-0.1%	9.9%	46.7	46.6	-0.1	-0.2%	9.9%	45.9	46.0	0.1	0.2%
11.1%	60.5	60.2	-0.4	-0.6%	11.1%	52.6	52.5	-0.1	-0.2%	11.1%	46.6	46.5	-0.2	-0.3%	11.1%	45.7	45.7	0.0	0.0%
12.3%	60.4	60.2	-0.2	-0.3%	12.3%	52.5	52.5	0.0	0.0%	12.3%	46.6	46.4	-0.1	-0.3%	12.3%	45.7	45.7	0.0	0.0%
13.6%	60.1	60.0	-0.1	-0.2%	13.6%	52.5	52.4	-0.1	-0.1%	13.6%	46.5	46.4	0.0	0.0%	13.6%	45.6	45.6	0.1	0.1%
14.8%	60.0	60.0	0.0	0.0%	14.8%	52.4	52.3	-0.1	-0.2%	14.8%	46.5	46.4	-0.1	-0.2%	14.8%	45.6	45.6	0.0	0.1%
16.0%	59.8	59.9	0.0	0.1%	16.0%	52.4	52.2	-0.2	-0.4%	16.0%	46.4	46.4	0.0	-0.1%	16.0%	45.5	45.6	0.1	0.1%
17.3%	59.8	59.8	0.1	0.2%	17.3%	52.2	52.1	-0.1	-0.3%	17.3%	46.3	46.3	0.0	0.0%	17.3%	45.5	45.6	0.1	0.2%
18.5%	59.7	59.6	-0.1 0.1	-0.2%	18.5%	52.2	52.1	-0.2	-0.3%	18.5%	46.3	46.3	0.0	-0.1%	18.5%	45.5	45.6	0.1	0.2%
19.8%	59.4	59.6		0.2%	19.8%	52.2	52.1	-0.2	-0.3%	19.8%	46.2	46.2	0.0	0.0%	19.8%	45.5	45.6	0.1	0.2%
21.0%	59.4	59.4	0.0	0.0%	21.0%	52.2	52.0	-0.2	-0.3%	21.0%	46.2	46.2	0.0	0.1%	21.0%	45.5	45.6	0.1	0.2%
22.2%	59.4	59.3	0.0	0.0%	22.2%	52.1	52.0	-0.1	-0.2%	22.2%	46.2	46.2	0.0	0.0%	22.2%	45.4	45.5	0.1	0.2%
23.5%	59.3	59.2	-0.1	-0.2%	23.5%	52.1	52.0	-0.1	-0.2%	23.5%	46.1	46.2	0.0	0.0%	23.5%	45.4	45.5	0.1	0.2%
24.7%	59.3	59.2	-0.1	-0.2%	24.7%	52.1	52.0	-0.1	-0.2%	24.7%	46.1	46.1	0.0	0.0%	24.7%	45.4	45.3	0.0	-0.1%
25.9%	59.3	59.1	-0.2	-0.3%	25.9%	52.0	51.9	-0.1	-0.2%	25.9%	46.1	46.1	0.0	0.0%	25.9%	45.4	45.3	-0.1	-0.1%
27.2%	59.2	59.1	-0.1	-0.2%	27.2%	52.0	51.9	-0.1	-0.3%	27.2%	46.0	45.9	-0.1	-0.2%	27.2%	45.2	45.3	0.0	0.0%
28.4%	59.2	58.9	-0.3	-0.5%	28.4%	52.0	51.8	-0.2	-0.5%	28.4%	45.8	45.9	0.1	0.2%	28.4%	45.2	45.2	0.1	0.1%
29.6%	59.0	58.8	-0.2	-0.3%	29.6%	52.0	51.7	-0.2	-0.4%	29.6%	45.8	45.9	0.1	0.2%	29.6%	45.0	45.2	0.2	0.4%
30.9%	58.8	58.7	-0.1	-0.2%	30.9%	51.8	51.7	-0.1	-0.3%	30.9%	45.8	45.9	0.1	0.2%	30.9%	45.0	45.2	0.2	0.4%
32.1%	58.8	58.7	-0.1	-0.2%	32.1%	51.8	51.7	-0.1	-0.2%	32.1%	45.8	45.9	0.0	0.1%	32.1%	45.0	45.0	0.1	0.1%
33.3%	58.8	58.7	-0.1	-0.2%	33.3%	51.8	51.7	-0.1	-0.3%	33.3%	45.7	45.8	0.1	0.2%	33.3%	44.9	45.0	0.1	0.1%
34.6%	58.7	58.6	-0.1	-0.2%	34.6%	51.8	51.6	-0.1	-0.3%	34.6%	45.7	45.8	0.1	0.3%	34.6%	44.9	44.9	0.0	0.1%
35.8% 37.0%	58.6 58.6	58.5 58.4	-0.1 -0.2	-0.1%	35.8% 37.0%	51.8	51.6	-0.2 0.0	-0.4% 0.1%	35.8%	45.7 45.7	45.8 45.8	0.1	0.2%	35.8% 37.0%	44.9 44.8	44.9 44.9	0.0	0.1%
				-0.3%		51.5	51.5			37.0%				0.2%				0.0	0.1%
38.3%	58.6	58.4	-0.2	-0.3%	38.3%	51.5	51.5	0.0	0.0%	38.3%	45.7	45.7	0.1	0.1%	38.3%	44.8	44.9	0.1	0.2%
39.5%	58.6	58.3	-0.2	-0.4%	39.5%	51.5	51.4	-0.1	-0.1%	39.5%	45.6	45.6	0.0	0.0%	39.5%	44.8	44.9	0.1	0.2%
40.7% 42.0%	58.5 58.5	58.3 58.3	-0.2 -0.2	-0.3% -0.3%	40.7% 42.0%	51.4 51.4	51.4 51.3	-0.1 -0.1	-0.1% -0.1%	40.7% 42.0%	45.6 45.5	45.6 45.5	0.0 -0.1	0.1% -0.1%	40.7% 42.0%	44.8 44.7	44.9 44.8	0.1	0.2%
43.2%	58.5 58.5	58.3 58.3	-0.2			51.4 51.3	51.3 51.3	-0.1	-0.1% -0.1%	43.2%			-0.1		43.2%	44.7 44.7	44.8 44.7	0.0	
44.4%	58.4	58.3	-0.2	-0.3% -0.3%	43.2% 44.4%	51.3	51.3	0.0	-0.1%	44.4%	45.5 45.5	45.4 45.4	0.0	-0.2% -0.1%	44.4%	44.7	44.7	0.0	0.0%
45.7%	58.4	58.2	-0.2	-0.4%	45.7%	51.2	51.3	0.0	0.0%	45.7%	45.4	45.4 45.4	0.0	-0.1%	45.7%	44.7	44.7	0.0	0.1%
46.9%	58.4	58.1	-0.3	-0.5%	46.9%	51.2	51.1	-0.1	-0.3%	46.9%	45.4	45.4	0.0	-0.1%	46.9%	44.6	44.6	0.0	0.1%
48.1%	58.3	58.1	-0.3	-0.4%	48.1%	51.2	51.1	-0.1	-0.3%	48.1%	45.3	45.3	0.0	0.1%	48.1%	44.6	44.6	0.0	0.0%
49.4%	58.3	58.1	-0.2	-0.4%	49.4%	51.1	51.0	-0.1	-0.2%	49.4%	45.3	45.3	0.0	0.0%	49.4%	44.6	44.6	0.0	0.0%
50.6%	58.1	58.1	0.0	-0.1%	50.6%	51.0	51.0	-0.1	-0.1%	50.6%	45.3	45.2	0.0	0.0%	50.6%	44.5	44.5	0.0	0.0%
51.9%	58.1	58.0	0.0	-0.1%	51.9%	51.0	51.0	-0.1	-0.1%	51.9%	45.2	45.2	0.0	0.0%	51.9%	44.5	44.5	0.0	0.0%
53.1%	58.1	58.0	-0.1	-0.1%	53.1%	51.0	50.9	-0.1	-0.1%	53.1%	45.2	45.2	0.0	0.0%	53.1%	44.5	44.4	-0.1	-0.2%
54.3%	57.9	57.9	0.0	-0.1%	54.3%	51.0	50.9	-0.1	-0.1%	54.3%	45.2	45.2	0.0	0.0%	54.3%	44.4	44.4	0.0	0.1%
55.6%	57.9	57.9	-0.1	-0.1%	55.6%	50.9	50.9	-0.1	-0.1%	55.6%	45.1	45.2	0.1	0.1%	55.6%	44.3	44.4	0.1	0.2%
56.8%	57.9	57.7	-0.2	-0.3%	56.8%	50.9	50.8	-0.1	-0.1%	56.8%	45.0	45.2	0.1	0.3%	56.8%	44.2	44.4	0.1	0.3%
58.0%	57.9	57.6	-0.2	-0.4%	58.0%	50.9	50.8	-0.1	-0.1%	58.0%	45.0	45.1	0.2	0.4%	58.0%	44.1	44.2	0.1	0.2%
59.3%	57.7	57.6	-0.1	-0.2%	59.3%	50.9	50.8	-0.1	-0.2%	59.3%	44.9	45.1	0.2	0.3%	59.3%	44.0	44.2	0.2	0.4%
60.5%	57.7	57.6	-0.1	-0.2%	60.5%	50.9	50.7	-0.1	-0.3%	60.5%	44.9	45.1	0.1	0.3%	60.5%	44.0	44.1	0.1	0.3%
61.7%	57.7	57.5	-0.1	-0.2%	61.7%	50.7	50.7	-0.1	-0.1%	61.7%	44.9	45.0	0.1	0.3%	61.7%	44.0	44.1	0.1	0.2%
63.0%	57.6	57.4	-0.2	-0.3%	63.0%	50.7	50.6	-0.1	-0.3%	63.0%	44.8	44.9	0.1	0.1%	63.0%	44.0	44.0	0.1	0.2%
64.2%	57.6	57.4	-0.2	-0.3%	64.2%	50.6	50.6	0.0	-0.1%	64.2%	44.8	44.8	0.0	0.0%	64.2%	43.9	43.9	0.0	-0.1%
65.4%	57.6	57.4	-0.2	-0.3%	65.4%	50.5	50.5	0.0	0.0%	65.4%	44.7	44.8	0.0	0.1%	65.4%	43.8	43.9	0.0	0.1%
66.7%	57.6	57.4	-0.2	-0.3%	66.7%	50.5	50.5	-0.1	-0.1%	66.7%	44.7	44.8	0.1	0.1%	66.7%	43.8	43.8	0.0	0.0%
67.9%	57.5	57.3	-0.2	-0.3%	67.9%	50.5	50.4	-0.1	-0.3%	67.9%	44.7	44.7	0.0	0.0%	67.9%	43.6	43.8	0.1	0.3%
69.1%	57.5	57.3	-0.2	-0.4%	69.1%	50.4	50.3	-0.1	-0.2%	69.1%	44.6	44.7	0.1	0.2%	69.1%	43.6	43.6	0.0	0.0%
70.4%	57.5	57.2	-0.3	-0.5%	70.4%	50.4	50.3	-0.1	-0.3%	70.4%	44.6	44.6	0.1	0.2%	70.4%	43.6	43.6	0.0	0.1%
71.6%	57.5	57.2	-0.3	-0.5%	71.6%	50.4	50.2	-0.2	-0.4%	71.6%	44.6	44.6	0.1	0.1%	71.6%	43.5	43.5	0.0	0.1%
72.8%	57.4	57.1	-0.3	-0.5%	72.8%	50.3	50.2	-0.1	-0.1%	72.8%	44.4	44.5	0.1	0.2%	72.8%	43.5	43.5	0.0	0.1%
74.1%	57.2	57.1	0.0	-0.1%	74.1%	50.2	50.2	-0.1	-0.1%	74.1%	44.4	44.5	0.0	0.0%	74.1%	43.4	43.5	0.1	0.2%
75.3%	57.2	57.1	-0.1	-0.1%	75.3%	50.2	50.2	-0.1	-0.1%	75.3%	44.4	44.4	0.0	0.1%	75.3%	43.4	43.5	0.1	0.2%
76.5%	57.1	57.1	-0.1	-0.2%	76.5%	50.2	50.1	-0.1	-0.2%	76.5%	44.3	44.3	0.0	0.1%	76.5%	43.3	43.5	0.2	0.4%
77.8%	57.1	57.0	0.0	-0.1%	77.8%	50.2	50.1	-0.1	-0.1%	77.8%	44.2	44.3	0.0	0.1%	77.8%	43.3	43.4	0.2	0.4%
79.0%	57.0	56.9	0.0	-0.1%	79.0%	50.1	50.1	0.0	-0.1%	79.0%	44.2	44.3	0.1	0.2%	79.0%	43.3	43.4	0.1	0.2%
80.2%	56.9	56.8	-0.1	-0.2%	80.2%	50.1	50.0	-0.1	-0.2%	80.2%	44.2	44.2	0.1	0.1%	80.2%	43.1	43.2	0.1	0.2%
81.5% 82.7%	56.8 56.7	56.6 56.4	-0.2	-0.3% -0.5%	81.5% 82.7%	50.0 49.9	50.0 49.9	0.0	0.0%	81.5%	44.2 44.1	44.1 44.0	0.0	0.0%	81.5% 82.7%	43.0 43.0	43.2 43.1	0.2	0.4%
82.7% 84.0%	56.7 56.6	56.4 56.4	-0.3 -0.3	-0.5% -0.4%	82.7% 84.0%	49.9 49.7	49.9 49.8	0.0	0.1%	82.7% 84.0%	44.1 43.9	44.0 43.9	0.0	-0.1% 0.0%	82.7% 84.0%	43.0 42.9	43.1 43.1	0.1	0.3%
84.0% 85.2%		56.4 56.3		-0.4%	84.0% 85.2%		49.8 49.7	0.1	0.2%	84.0% 85.2%				0.5%	85.2%	42.9 42.9	43.1		0.3%
85.2% 86.4%	56.5 56.4	56.3 56.3	-0.2	-0.3%	85.2% 86.4%	49.7 49.6	49.7	-0.1		85.2% 86.4%	43.7 43.7	43.9 43.8	0.2	0.5%	85.2% 86.4%	42.9 42.8	43.0	0.1	0.3%
86.4% 87.7%	56.4 56.3	56.3 56.3	-0.1 0.0	-0.2%	86.4% 87.7%	49.6 49.4	49.5 49.5	-0.1	-0.1% 0.2%	85.4% 87.7%	43.7	43.8	0.2 0.1	0.4%	86.4% 87.7%	42.8 42.6	43.0 42.9	0.2	0.4%
88.9%	56.0	55.8	-0.1	-0.1%	88.9%	49.4	49.5 49.4	0.1	0.2%	88.9%	43.6	43.7	0.1	0.2%	88.9%	42.6	42.9	0.3	0.6%
90.1%	55.9	55.8	-0.1	-0.2%	90.1%	49.4	49.4	0.1	0.1%	90.1%	43.3	43.6	0.1	0.6%	90.1%	42.6	42.7	0.3	0.6%
91.4%	55.8	55.8	-0.1	-0.1%	91.4%	49.3	49.4	0.1	0.1%	91.4%	43.3	43.5	0.3	0.5%	91.4%	42.5	42.6	0.1	0.2%
92.6%	55.8	55.7	-0.1	-0.1%	92.6%	49.2	49.3	0.0	0.1%	92.6%	43.2	43.5	0.2	0.8%	92.6%	42.5	42.5	0.0	0.0%
93.8%	55.7	55.5	-0.1	-0.3%	93.8%	49.2	49.1	-0.1	-0.1%	93.8%	43.1	43.4	0.4	0.8%	93.8%	42.4	42.5	0.0	0.1%
95.1%	55.5	55.3	-0.2	-0.3%	95.1%	48.9	48.9	-0.1	-0.1%	95.1%	43.0	43.4	0.4	0.8%	95.1%	42.4	42.3	-0.1	-0.1%
96.3%	55.5	55.2	-0.2	-0.4%	96.3%	48.8	48.7	-0.1	-0.1%	96.3%	43.0	43.2	0.4	0.4%	96.3%	42.2	42.3	0.1	0.3%
97.5%	55.2	54.8	-0.4	-0.7%	97.5%	48.7	48.5	-0.2	-0.4%	97.5%	42.8	43.1	0.3	0.8%	97.5%	41.9	41.9	0.0	0.0%
98.8%	54.7	54.7	0.0	0.0%	98.8%	48.6	48.4	-0.2	-0.3%	98.8%	42.8	42.3	-0.5	-1.2%	98.8%	41.3	41.6	0.3	0.6%
100.0%	54.7	54.6	0.0	-0.1%	100.0%	47.1	46.7	-0.4	-0.8%	100.0%	41.5	41.6	0.0	0.1%	100.0%	41.3	41.3	0.0	0.0%
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Table SQ-11-3b Sacramento River at Knights Landing, Monthly Temperature Probability of Exceedance

April

March

February

Percent		reditiary			Percent		March			Percent		Aprii			Percent		Iviay		
Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	50.7	50.7	0.0	0.0%	0.0%	57.0	57.0	0.0	-0.1%	0.0%	62.4	62.9	0.5	0.8%	0.0%	67.7	68.2	0.5	0.7%
1.2%	50.1	50.0	-0.1	-0.2%	1.2%	56.7	56.7	-0.1	-0.1%	1.2%	62.2	62.7	0.5	0.8%	1.2%	67.1	67.2	0.1	0.2%
2.5%	50.0	50.0	0.0	0.0%	2.5%	56.1	56.2	0.1	0.2%	2.5%	61.8	62.3	0.5	0.7%	2.5%	66.8	66.9	0.1	0.2%
3.7%	49.8	50.0	0.2	0.4%	3.7%	55.8	56.0	0.2	0.3%	3.7%	61.7	62.0	0.2	0.4%	3.7%	66.7	66.6	0.0	0.0%
4.9%	49.8	49.9	0.1	0.3%	4.9%	55.8	55.8	0.0	-0.1%	4.9%	61.6	61.7	0.1	0.2%	4.9%	66.6	66.6	0.0	0.0%
6.2%	49.7	49.8	0.1	0.3%	6.2%	55.4	55.4	0.0	0.1%	6.2%	61.5	61.7	0.2	0.3%	6.2%	66.3	66.4	0.1	0.2%
7.4%	49.6	49.7	0.1	0.2%	7.4%	54.7	54.6	-0.1	-0.2%	7.4%	61.2	61.6	0.4	0.7%	7.4%	66.3	66.3	0.0	0.0%
8.6%	49.5	49.6	0.2	0.4%	8.6%	54.6	54.6	0.0	0.1%	8.6%	61.2	61.4	0.2	0.3%	8.6%	66.3	66.2	-0.1	-0.2%
9.9%	49.1	49.1	0.0	-0.1%	9.9%	54.4	54.6	0.1	0.3%	9.9%	61.0	61.3	0.3	0.4%	9.9%	66.3	66.1	-0.2	-0.3%
11.1%	48.7	48.8	0.0	0.0%	11.1%	54.4	54.5	0.1	0.1%	11.1%	60.9	61.1	0.3	0.4%	11.1%	66.1	66.0	-0.1	-0.2%
12.3%	48.6	48.7	0.1	0.2%	12.3%	54.2	54.5	0.3	0.5%	12.3%	60.7	61.0	0.3	0.4%	12.3%	66.1	65.9	-0.1	-0.2%
13.6%	48.5	48.5	0.0	0.0%	13.6%	54.1	54.2	0.0	0.1%	13.6%	60.7	60.9	0.2	0.4%	13.6%	66.0	65.8	-0.2	-0.3%
14.8%	48.5	48.5	0.0	0.1%	14.8%	54.0	54.0	0.0	0.0%	14.8%	60.5	60.8	0.3	0.5%	14.8%	65.8	65.8	0.0	0.0%
16.0%	48.5	48.5	0.0	-0.1%	16.0%	54.0	54.0	0.0	0.0%	16.0%	60.5	60.8	0.3	0.5%	16.0%	65.7	65.8	0.1	0.2%
17.3%	48.3	48.4	0.1	0.2%	17.3%	53.9	53.9	0.0	0.0%	17.3%	59.9	60.7	0.7	1.2%	17.3%	65.7	65.7	0.0	0.1%
18.5%	48.3	48.4	0.1	0.2%	18.5%	53.8	53.9	0.1	0.2%	18.5%	59.9	60.2	0.3	0.5%	18.5%	65.6	65.7	0.0	0.1%
19.8%	48.3	48.3	0.0	-0.1%	19.8%	53.6	53.8	0.2	0.3%	19.8%	59.7	60.2	0.5	0.8%	19.8%	65.3	65.6	0.4	0.6%
21.0%	48.3	48.3	0.0	-0.1%	21.0%	53.6	53.8	0.1	0.2%	21.0%	59.7	59.9	0.3	0.5%	21.0%	65.1	65.6	0.5	0.8%
22.2%	48.2	48.2	0.0	0.0%	22.2%	53.5	53.5	0.0	0.1%	22.2%	59.5	59.8	0.3	0.5%	22.2%	65.0	65.6	0.6	1.0%
23.5%	48.1	48.2	0.1	0.2%	23.5%	53.3	53.5	0.2	0.4%	23.5%	59.5	59.8	0.3	0.4%	23.5%	65.0	65.1	0.1	0.2%
24.7% 25.9%	48.1 48.1	48.2 48.1	0.1	0.3%	24.7% 25.9%	53.2	53.4 53.4	0.2	0.4%	24.7% 25.9%	59.5	59.7 59.6	0.2	0.4%	24.7% 25.9%	65.0 65.0	65.1 65.1	0.1 0.1	0.2%
	48.0		0.0	0.0%		53.2					59.4					64.9			0.1%
27.2%	48.0 48.0	48.1	0.0	0.0%	27.2%	53.2	53.3	0.1	0.3%	27.2%	59.4 59.4	59.6	0.2	0.3%	27.2%		65.0	0.1	0.1%
28.4%		48.0	0.0	0.1%	28.4%	53.1	53.3	0.2	0.4%	28.4%		59.6	0.2	0.3%	28.4%	64.9	64.9 64.9	0.0	0.0%
29.6% 30.9%	48.0 47.9	48.0 47.9	0.0	0.0%	29.6% 30.9%	53.1 52.9	53.3 53.1	0.2	0.4%	29.6% 30.9%	59.4 59.3	59.5 59.5	0.1	0.2%	29.6% 30.9%	64.7 64.7	64.9 64.8	0.1	0.2%
30.9%	47.9 47.8	47.9 47.9	0.0	0.0%	30.9%	52.9 52.9	53.1	0.2	0.4%	30.9%	59.3 59.3	59.5 59.4	0.2	0.3%	30.9%	64.7	64.8	0.2	0.3%
33.3%	47.8	47.9 47.9	0.0	0.1%	33.3%	52.7	52.8	0.2	0.4%	33.3%	59.2	59.4	0.1	0.2%	33.3%	64.5	64.7	0.3	0.4%
34.6%	47.8	47.8	0.0	0.2%	34.6%	52.7	52.8	0.1	0.2%	34.6%	59.2	59.3	0.2	0.3%	34.6%	64.4	64.5	0.2	0.3%
35.8%	47.7	47.7	0.0	0.1%	35.8%	52.7	52.7	0.1	0.2%	35.8%	58.7	58.9	0.2	0.4%	35.8%	64.4	64.4	0.1	0.1%
37.0%	47.7	47.7	0.0	0.0%	37.0%	52.6	52.7	0.1	0.1%	37.0%	58.7	58.9	0.2	0.4%	37.0%	64.3	64.4	0.1	0.1%
38.3%	47.7	47.7	0.0	0.1%	38.3%	52.5	52.7	0.1	0.4%	38.3%	58.6	58.8	0.2	0.3%	38.3%	64.3	64.4	0.1	0.2%
39.5%	47.7	47.7	0.0	0.1%	39.5%	52.3	52.6	0.3	0.6%	39.5%	58.6	58.8	0.3	0.4%	39.5%	64.2	64.4	0.1	0.2%
40.7%	47.6	47.7	0.1	0.2%	40.7%	52.3	52.4	0.1	0.2%	40.7%	58.5	58.7	0.2	0.4%	40.7%	64.1	64.3	0.2	0.2%
42.0%	47.5	47.6	0.1	0.2%	42.0%	52.3	52.4	0.1	0.3%	42.0%	58.4	58.7	0.2	0.4%	42.0%	64.1	64.3	0.1	0.2%
43.2%	47.5	47.6	0.1	0.2%	43.2%	52.0	52.3	0.3	0.6%	43.2%	58.2	58.6	0.4	0.6%	43.2%	64.1	64.1	0.0	0.0%
44.4%	47.5	47.5	0.0	0.1%	44.4%	52.0	52.1	0.2	0.3%	44.4%	58.1	58.5	0.4	0.6%	44.4%	64.0	64.1	0.1	0.1%
45.7%	47.4	47.4	0.0	-0.1%	45.7%	52.0	52.1	0.1	0.3%	45.7%	58.1	58.3	0.3	0.5%	45.7%	63.9	64.0	0.1	0.2%
46.9%	47.3	47.3	0.0	0.1%	46.9%	52.0	52.0	0.1	0.1%	46.9%	58.1	58.3	0.2	0.4%	46.9%	63.8	64.0	0.2	0.3%
48.1%	47.3	47.3	0.0	0.0%	48.1%	51.9	52.0	0.1	0.1%	48.1%	58.0	58.2	0.2	0.4%	48.1%	63.7	64.0	0.3	0.4%
49.4%	47.2	47.3	0.0	0.1%	49.4%	51.9	52.0	0.1	0.2%	49.4%	57.8	58.1	0.3	0.6%	49.4%	63.7	63.9	0.3	0.4%
50.6%	47.2	47.2	0.1	0.1%	50.6%	51.8	52.0	0.2	0.3%	50.6%	57.8	58.1	0.3	0.6%	50.6%	63.6	63.9	0.3	0.5%
51.9%	47.2	47.1	-0.1	-0.1%	51.9%	51.7	51.9	0.2	0.4%	51.9%	57.8	57.9	0.1	0.2%	51.9%	63.6	63.9	0.3	0.4%
53.1%	47.0	47.1	0.1	0.1%	53.1%	51.7	51.9	0.2	0.4%	53.1%	57.8	57.8	0.0	0.1%	53.1%	63.6	63.8	0.2	0.4%
54.3%	47.0	47.1	0.1	0.1%	54.3%	51.7	51.8	0.1	0.2%	54.3%	57.7	57.8	0.1	0.1%	54.3%	63.6	63.7	0.2	0.3%
55.6%	47.0	47.1	0.1	0.2%	55.6%	51.6	51.8	0.2	0.4%	55.6%	57.6	57.8	0.2	0.3%	55.6%	63.5	63.7	0.2	0.2%
56.8%	46.9	47.0	0.1	0.3%	56.8%	51.5	51.6	0.1	0.2%	56.8%	57.5	57.7	0.2	0.4%	56.8%	63.5	63.7	0.2	0.3%
58.0%	46.9	47.0	0.1	0.2%	58.0%	51.4	51.6	0.2	0.3%	58.0%	57.4	57.7	0.3	0.5%	58.0%	63.5	63.7	0.2	0.3%
59.3%	46.9	47.0	0.1	0.2%	59.3%	51.4	51.6	0.2	0.3%	59.3%	57.4	57.6	0.2	0.4%	59.3%	63.4	63.6	0.2	0.3%
60.5%	46.7	46.8	0.1	0.1%	60.5%	51.3	51.4	0.2	0.3%	60.5%	57.3	57.5	0.2	0.3%	60.5%	63.4	63.6	0.2	0.3%
61.7%	46.7	46.8	0.1	0.2%	61.7%	51.2	51.4	0.2	0.3%	61.7%	57.2	57.3	0.2	0.3%	61.7%	63.3	63.6	0.3	0.5%
63.0%	46.7	46.8	0.1	0.2%	63.0%	51.2	51.4	0.2	0.3%	63.0%	57.1	57.3	0.2	0.3%	63.0%	63.3	63.5	0.2	0.4%
64.2%	46.7	46.7	0.1	0.1%	64.2%	51.2	51.3	0.2	0.3%	64.2%	57.0	57.2	0.2	0.4%	64.2%	63.3	63.4	0.2	0.3%
65.4%	46.7	46.7	0.1	0.1%	65.4%	51.2	51.2	0.0	0.1%	65.4%	57.0	57.2	0.2	0.4%	65.4%	63.2	63.4	0.2	0.2%
66.7%	46.6	46.7	0.1	0.2%	66.7%	51.0	51.2	0.2	0.4%	66.7%	56.8	57.2	0.4	0.7%	66.7%	63.2	63.4	0.1	0.2%
67.9%	46.5	46.6	0.1	0.2%	67.9%	50.8	51.1	0.3	0.5%	67.9%	56.8	57.0	0.2	0.4%	67.9%	63.2	63.3	0.2	0.2%
69.1%	46.5	46.5	0.1	0.2%	69.1%	50.7	51.0	0.3	0.6%	69.1%	56.7	56.8	0.1	0.2%	69.1%	63.2	63.0	-0.2	-0.3%
70.4%	46.4	46.5	0.1	0.1%	70.4%	50.7	51.0	0.3	0.6%	70.4%	56.5	56.7	0.1	0.2%	70.4%	63.1	63.0	-0.2	-0.3%
71.6%	46.4	46.5	0.0	0.1%	71.6%	50.7	50.8	0.1	0.2%	71.6%	56.4	56.5	0.1	0.2%	71.6%	63.0	62.9	-0.1	-0.2%
72.8%	46.3	46.4	0.0	0.1%	72.8%	50.5	50.6	0.1	0.2%	72.8%	56.3	56.4	0.1	0.2%	72.8%	63.0	62.9	-0.1	-0.1%
74.1%	46.3	46.3	0.0	0.0%	74.1%	50.4	50.6 50.5	0.2	0.3%	74.1%	56.3	56.3	0.0	0.0%	74.1%	62.8	62.8	0.0	-0.1%
75.3% 76.5%	46.1 46.0	46.1 46.0	0.1 0.1	0.1%	75.3% 76.5%	50.4 50.4	50.5 50.4	0.1	0.2%	75.3% 76.5%	56.2 56.0	56.3 56.1	0.0	0.1%	75.3% 76.5%	62.8 62.7	62.8 62.7	0.0	-0.1% 0.0%
76.5%	45.0 45.9	46.0		0.1%	76.5% 77.8%	50.4 49.9	50.4		0.1%	76.5%		55.6	0.1	0.2%	76.5%	62.7	62.7	-0.2	-0.3%
77.8%	45.9 45.9	46.0 45.9	0.1	0.2%	77.8%	49.9 49.7	50.0 49.8	0.1	0.2%	77.8%	55.5 55.4	55.6 55.4	0.1	0.2%	77.8%	62.7	62.4	-0.2	-0.3%
79.0% 80.2%	45.9 45.8	45.9 45.9	0.0	0.0%	79.0% 80.2%	49.7	49.8	0.1	0.3%	79.0% 80.2%	55.4	55.4 55.4	0.1	0.1%	79.0% 80.2%	62.6	62.4	-0.2	-0.4%
80.2% 81.5%	45.8 45.8	45.9 45.8	0.1	0.2%	80.2% 81.5%	49.7 49.6	49.8	0.1	0.1%	80.2%	55.3 55.2	55.4 55.4	0.2	0.3%	80.2%	62.4	62.3	-0.2	-0.4%
82.7%	45.6 45.6	45.8	0.0	0.1%	82.7%	49.6	49.7	0.0	0.1%	82.7%	55.2	55.3	0.2	0.4%	82.7%	62.2	62.1	-0.1	-0.1%
84.0%	45.6	45.6	0.2	0.4%	84.0%	49.5	49.6	0.1	0.1%	84.0%	55.2	55.2	0.0	0.0%	84.0%	62.1	62.0	-0.1	-0.1%
85.2%	45.5	45.6	0.0	0.1%	85.2%	49.4	49.5	0.1	0.1%	85.2%	55.1	55.1	0.0	0.1%	85.2%	61.7	61.8	0.1	0.1%
86.4%	45.5	45.5	0.0	0.0%	86.4%	49.2	49.3	0.1	0.1%	86.4%	54.9	54.9	0.1	0.1%	86.4%	61.7	61.7	0.0	0.0%
87.7%	45.4	45.5	0.1	0.1%	87.7%	49.1	49.3	0.1	0.4%	87.7%	54.8	54.9	0.1	0.2%	87.7%	61.6	61.6	0.0	0.0%
88.9%	45.4	45.4	0.0	0.0%	88.9%	49.1	49.3	0.2	0.5%	88.9%	54.7	54.7	0.0	0.0%	88.9%	60.9	61.2	0.0	0.4%
90.1%	45.3	45.4	0.1	0.2%	90.1%	49.0	49.1	0.2	0.1%	90.1%	54.5	54.7	0.0	0.2%	90.1%	60.9	61.1	0.3	0.3%
91.4%	45.3	45.4	0.0	0.1%	91.4%	49.0	49.1	0.1	0.1%	91.4%	54.2	54.2	0.0	0.0%	91.4%	60.9	61.0	0.1	0.2%
92.6%	45.3	45.2	0.0	-0.1%	92.6%	48.9	49.0	0.1	0.2%	92.6%	53.9	53.9	0.0	0.0%	92.6%	60.8	60.9	0.1	0.2%
93.8%	45.1	45.2	0.1	0.1%	93.8%	48.8	49.0	0.2	0.4%	93.8%	53.8	53.8	0.0	-0.1%	93.8%	60.8	60.6	-0.2	-0.4%
95.1%	45.0	45.0	0.0	0.1%	95.1%	48.6	48.6	0.0	0.0%	95.1%	53.6	53.6	0.0	0.0%	95.1%	60.5	60.5	0.0	-0.1%
96.3%	44.9	44.9	0.1	0.2%	96.3%	48.4	48.4	0.0	0.1%	96.3%	53.1	53.4	0.3	0.6%	96.3%	60.4	60.3	-0.1	-0.2%
97.5%	44.5	44.6	0.0	0.1%	97.5%	48.3	48.3	0.0	0.0%	97.5%	52.3	52.3	0.0	0.0%	97.5%	60.1	60.1	0.0	0.0%
98.8%	44.2	44.2	0.0	-0.1%	98.8%	48.0	48.0	0.0	0.0%	98.8%	50.9	50.9	0.0	0.0%	98.8%	59.7	59.6	-0.1	-0.2%
100.0%	43.8	43.8	0.0	0.0%	100.0%	48.0	48.0	0.0	0.0%	100.0%	49.8	49.8	0.0	0.0%	100.0%	56.5	56.5	0.0	0.0%

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

Fig. Section Property										Probability	of Exceedance									
	Percent		June			Percent		July			Percent		August			Percent		September		
Second Column Second Colum	Exceedance				Relative	Exceedance				Relative	Exceedance					Exceedance				Relative
No. 1971 1971 1971 1972 1	Probability				Difference (%)	Probability				Difference (%)	Probability				Difference (%)	Probability				Difference (%)
10	(%)				0.20/	(%)		(DEG-F)		1 29/		(DEG-F)			0.69/	(%)				1.09/
April																				-0.5%
April	2.5%				-0.1%	2.5%					2.5%				-1.3%	2.5%				-0.7%
Column C																				-0.8%
Apr. Col.				-0.2						-1.2%										
Column																				-0.2%
10	8.6%	69.7		-0.1	-0.2%	8.6%	72.3	71.7	-0.6	-0.8%	8.6%	72.3	71.5	-0.7	-1.0%	8.6%			-0.2	-0.3%
12.5																				-0.5%
1.00											11.1%									-0.9%
140, 03 06 0.5											13.6%									-0.7%
120. 631 627 63 679. 1756 7756 7757 732 732 632 1250 774 775 632 632 632 633 635 637 1250 735 632 632 632 632 632 632 632 632 632 632																				-0.7%
18.00				-0.3		16.0%		71.2	-0.5		16.0%	71.4	71.2	-0.3					-0.4	-0.6%
100																				-0.6%
1																				
22.5				-0.6		21.0%			-0.8	-1.1%	21.0%	71.4	70.9	-0.5					-0.6	-0.8%
2470	22.2%	69.0	68.4	-0.6	-0.9%	22.2%	71.5		-0.9	-1.2%	22.2%	71.4	70.8	-0.5	-0.7%	22.2%	67.4	66.8	-0.6	-0.9%
250.00 68.5 68.5 68.5 68.5 68.5 71.3 70.5 68.5																23.5%				-0.9%
22.50																				-0.8%
24.00																				-0.9%
20 10 20 20 20 20 20 20																				-0.4%
21	29.6%			-0.6		29.6%	71.1			-1.1%	29.6%			-0.5	-0.7%	29.6%			-0.3	-0.4%
SASP 686																				-0.4%
340b 08																			-0.2	-0.4% -0.3%
370% 0.04				-0.8							34.6%									-0.4%
980% 678 676 403 404% 930% 934 405% 930% 933 681 402 404 405% 930% 933 681 402 404 405% 930% 935 681 402 404 405% 930% 935 681 402 404 405% 930% 935 681 402 404 405% 930% 935 681 402 404 405% 930% 935 681 402 404 405% 930% 935 681 402 404 405% 930% 935 681 402 404 405% 930% 935 681 402 404 405% 930% 935 681 402 404 405% 930% 935 681 402 404 405% 930% 935 681 402 404 405% 930% 935 681 402 404 405% 930% 935 681 402 404 405% 930% 935 681 402 402 404 405% 930% 935 681 402 402 402 402 402 402 402 402 402 402				-0.7							35.8%									-0.3%
3975. 679 676 4.32 - 0.45 355% 772 772 - 0.6 -0.0% 30.5% 773 772 - 0.6 -0.0% 30.5% 773 772 - 0.6 -0.0% 30.5% 773 772 - 0.6 -0.0% 30.5% 773 772 - 0.6 -0.0% 30.5% 773 772 - 0.6 -0.0% 30.5% 773 772 - 0.0 -0.0 -0.0% 30.5% 773 772 - 0.0 -0.0 -0.0% 30.5% 773 774 770 0.0 -0.0 -0.0% 30.5% 773 774 770 0.0 -0.0 -0.0% 30.5% 773 774 770 0.0 -0.0 -0.0% 30.5% 773 774 770 0.0 -0.0 -0.0% 30.5% 773 774 770 0.0 -0.0 -0.0% 30.5% 773 774 770 0.0 -0.0 -0.0% 30.5% 773 774 770 0.0 -0.0 -0.0% 30.5% 774 770 0.0 -0.0 -0.0% 30.5% 774 770 0.0 -0.0 -0.0% 30.5% 774 774 774 774 774 774 774 774 774 77																				-0.4%
4075 678 678 622 626 627 700 68 4975 607	38.3%			-0.3							38.3%	70.7	70.3	-0.4					-0.2	-0.4%
Color Colo																				
4376 677 674 0.3 0.4% 4378 755 888 0.6 0.00 0.00 0.00 0.00 0.00 0.00 0																				-0.1%
467% 677 673 44 409% 467% 703 698 40													70.0							-0.2%
46% 676 673 673 630 -05% 465% 703 697 -0.6 -0.9% 46.9% 703 69.0 -0.4 -0.9% 46.9% 65.7 65.8 -0.1 0.2 46.9% 675 672 0.3 -0.5% 46.5% 702 69.6 -0.9% 50.9% 703 69.8 -0.4 -0.9% 50.9% 703 69.8 -0.4 -0.9% 50.9% 703 69.8 -0.4 -0.9% 50.9% 703 69.8 -0.4 -0.9% 50.9% 703 69.8 -0.4 -0.9% 50.9% 703 69.8 -0.4 -0.9% 50.9% 703 69.8 -0.9% 50.9% 703 69.8 -0.4 -0.9% 50.9% 703 69.8 -0.4 -0.9% 50.9% 703 69.8 -0.9% 50.9% 703 6																				-0.2%
481% 67.6 67.2 -0.3 -0.5% -0.5% -0.5% -0.6 -0.9% -0.6% -0.9% -0.6% -0.9% -0.6% -0.9% -0.0% -																				-0.2%
40.4% 07.5 07.2 0.3 -0.07% 49.0% 70.2 00.6 0.6 0.05% 49.4% 70.2 00.8 0.05% 49.4% 70.2 00.8 0.05% 49.5% 60.6 05.5 0.1 0.02% 60.05																				-0.2%
\$6.0% \$7.5 \$7.2 \$9.4 \$0.2% \$5.0% \$70.1 \$9.5 \$0.0% \$0.0% \$5.0% \$70.2 \$9.7 \$0.5 \$0.2% \$5.0% \$6.6 \$6.5 \$0.1 \$0.2 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0																				-0.2%
\$3.1% 67.5 67.2 -0.3 -0.4% 54.5% 70.0 69.4 -0.6 -0.9% 54.5% 70.0 69.4 -0.6 -0.9% 54.5% 70.0 69.6 -0.4 -0.6% 70.0 69.6 -0.4 -0.6% 70.0 69.6				-0.4																-0.2%
54.9%	51.9%			-0.3						-0.9%				-0.4		51.9%			-0.3	-0.4%
556% 67.3 67.2 0.2 0.2% 55.6% 70.0 69.4 -0.6 -0.9% 55.6% 70.0 69.6 -0.4 -0.5% 55.6% 65.5 65.2 -0.3 -0.9 -0.5% 56.6% 67.2 67.1 -0.1 -0.1% -0.1% 56.6% 69.9 69.4 -0.6 -0.9% 56.6% 70.0 69.6 -0.4 -0.5% 55.6% 65.6 65.2 -0.3 -0.4 -0.5% 56.6% 69.8 -0.4 -0.5% 56.6% 69.8 -0.4 -0.5% 56.6% 69.8 -0.4 -0.5% 56.6% 69.8 -0.4 -0.5% 56.6% 69.8 -0.4 -0.5% 56.6% 69.8 -0.4 -0.5% 56.6% 69.8 -0.4 -0.5% 56.6% 69.8 -0.4 -0.5% 56.6% 69.8 -0.4 -0.5% -0.	53.1%			-0.3		53.1%			-0.6		53.1%			-0.4		53.1%			-0.3	-0.4% -0.4%
56 8% 67.2 67.1 0.1 0.2% 56.9% 68.9 68.9 68.4 0.6 0.9% 56.9% 70.0 68.6 0.4 0.0% 56.9% 65.4 65.2 0.3 0.4 0.6 58.9% 68.8 68.2 68.2 68.2 68.2 68.2 68.2 68.2																				-0.5%
99.3% 67.1 67.1 0.1 0.1% 59.3% 69.9 69.2 0.6 0.9% 59.3% 69.8 69.5 -0.3 0.9% 69.8 69.5 -0.3 0.9% 69.8 69.5 -0.3 0.9% 69.8 69.5 -0.3 0.9% 69.8 69.5 -0.3 0.9% 69.8 69.5 -0.3 0.9% 69.8 69.5 -0.3 0.9% 69.8 69.5 -0.3 0.9% 69.8 69.5 -0.3 0.9% 69.8 69.5 -0.3 0.9% 69.8 69.5 -0.3 0.9% 69.8 69.5 -0.3 0.9% 69.8 69.5 -0.3 0.9% 69.8 69.3 0.9% 69.8 69.8 0.9% 69.8 69.8 0.9% 69.8	56.8%	67.2	67.1	-0.1		56.8%		69.4	-0.6		56.8%		69.6	-0.4		56.8%	65.4	65.2	-0.3	-0.4%
60.5% 67.1 67.0 -0.1 -0.1% 60.5% 69.8 69.2 -0.6 -0.9% 60.7 69.4 -0.3 -0.4% 60.5% 65.1 65.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0																				-0.4%
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$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	85.2%	66.2	65.9	-0.3	-0.5%	85.2%	68.9	68.0	-0.8	-1.2%	85.2%	68.1	68.1	-0.1	-0.1%	85.2%	63.4	63.4	0.0	-0.1%
88.9% 65.9 65.5 -0.4 -0.6% 88.9% 68.5 67.7 -0.8 -1.1% 88.9% 68.0 68.0 0.0 0.0 0.0% 88.9% 63.2 63.0 -0.2 -0.3 90.1% 65.6 65.5 -0.1 -0.2% 90.1% 68.2 67.6 -0.6 -0.8% 90.1% 67.9 67.9 0.0 0.0% 90.1% 62.9 82.9 0.0 0.0% 91.4% 65.3 65.2 -0.1 -0.1% 91.4% 67.9 67.5 -0.4 -0.6% 91.4% 67.8 67.7 -0.1 -0.2% 91.4% 62.8 62.9 0.1 0.1* 92.6% 65.2 64.7 -0.5 -0.8% 92.6% 67.9 67.1 -0.8 -1.1% 92.6% 67.7 67.7 -0.1 -0.2% 91.4% 62.8 62.8 62.6 -0.2 -0.3 93.6% 65.1 64.6 -0.5 -0.7% 93.8% 67.6 66.9 -0.7 -1.0% 93.8% 67.7 67.7 67.7 -0.1 -0.1% 93.8% 62.5 62.8 62.6 -0.2 -0.3 95.1% 65.0 64.5 -0.4 -0.7% 95.1% 67.5 66.8 -0.6 -1.0% 95.1% 67.5 67.4 -0.1 -0.2% 95.1% 62.0 62.2 62.0 -0.2 -0.3 95.3% 64.3 64.4 0.2 0.3% 96.3% 67.0 66.7 -0.2 -0.3% 96.3% 67.5 67.3 -0.2 -0.4% 96.3% 62.1 62.0 -0.2 -0.3 97.5% 64.2 64.2 0.0 -0.1% 97.5% 66.9 66.5 -0.5 -0.7% 97.5% 67.3 66.8 0.4 -0.6% 97.5% 61.9 61.4 -0.5 -0.8 98.8% 64.1 63.9 -0.2 -0.2% 98.8% 66.9 66.1 -0.8 -1.2% 98.8% 66.8 66.1 -0.7 -1.1% 98.8% 61.7 61.2 -0.5 -0.8														-0.1						-0.3%
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$\begin{array}{cccccccccccccccccccccccccccccccccccc$	91.4%	65.3	65.2	-0.1	-0.1%	91.4%	67.9	67.5	-0.4	-0.6%	91.4%	67.8	67.7	-0.1	-0.2%	91.4%	62.8	62.9	0.1	0.1%
95.1% 65.0 64.5 -0.4 -0.7% 95.1% 67.5 66.8 -0.6 -1.0% 95.1% 67.5 67.4 -0.1 -0.2% 95.1% 62.2 62.0 -0.2 -0.4 96.3% 64.4 0.2 0.3% 96.3% 67.0 66.7 -0.2 -0.3% 96.3% 67.5 67.3 -0.2 -0.4% 96.3% 62.1 62.0 -0.2 -0.3% 97.5% 64.2 64.2 0.0 -0.1% 97.5% 66.9 66.5 -0.5 -0.7% 97.5% 67.3 66.8 -0.4 -0.6% 97.5% 61.9 61.4 -0.5 -0.8 98.8% 64.1 63.9 -0.2 -0.2% 98.8% 66.9 66.1 -0.8 -1.2% 98.8% 66.8 66.1 -0.7 -1.1% 98.8% 61.7 61.2 -0.5 -0.8				-0.5																-0.3%
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100.0% 63.5 63.5 0.0 -0.1% 100.0% 66.8 65.9 -0.9 -1.4% 100.0% 66.1 66.0 -0.1 -0.1% 100.0% 60.8 60.4 -0.4 -0.7	98.8%	64.1	63.9	-0.2	-0.2%	98.8%	66.9	66.1	-0.8	-1.2%	98.8%	66.8	66.1	-0.7	-1.1%	98.8%	61.7	61.2	-0.5	-0.8%
	100.0%	63.5	63.5	0.0	-0.1%	100.0%	66.8	65.9	-0.9	-1.4%	100.0%	66.1	66.0	-0.1	-0.1%	100.0%	60.8	60.4	-0.4	-0.7%

Table SQ-12-3a
Sacramento River at American River, Monthly Temperature
Long-term Average and Average by Water Year Type

					Mon	thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	61.0	53.2	45.9	45.0	49.6	54.4	60.6	66.0	70.2	72.2	71.8	67.9
Alternative A	60.9	53.1	45.9	45.0	49.7	54.5	60.7	66.0	70.2	71.9	71.6	67.7
Difference	-0.2	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	-0.3	-0.2	-0.2
Percent Difference ³	-0.3%	-0.1%	0.1%	0.1%	0.1%	0.2%	0.1%	0.0%	0.0%	-0.4%	-0.3%	-0.39
				Water Y	ear Types	2						
Net (32%)												
No Action Alternative	60.5	53.7	46.4	45.8	49.5	53.3	58.5	64.2	68.8	72.3	71.7	66.0
Alternative A	60.3	53.7	46.5	45.9	49.5	53.3	58.5	64.2	68.7	72.1	71.7	65.8
Difference	-0.2	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	0.0	-0.2
Percent Difference	-0.3%	-0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.3%	0.0%	-0.39
Above Normal (15%)												
No Action Alternative	60.4	52.1	45.7	45.1	49.4	54.0	60.5	66.2	70.4	71.3	70.9	66.9
Alternative A	60.2	52.0	45.7	45.2	49.4	54.0	60.5	66.2	70.4	70.8	70.8	66.9
Difference	-0.2	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.4	-0.1	0.0
Percent Difference	-0.4%	-0.1%	0.1%	0.1%	0.0%	0.1%	0.1%	0.0%	0.0%	-0.6%	-0.1%	0.0%
Below Normal (17%)												
No Action Alternative	60.8	53.1	45.9	44.3	48.9	54.5	61.0	66.0	70.4	71.8	71.9	69.3
Alternative A	60.5	53.2	45.9	44.4	48.9	54.7	61.0	66.0	70.5	71.7	71.8	68.9
Difference	-0.2	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	-0.2	-0.1	-0.4
Percent Difference	-0.4%	0.1%	0.0%	0.1%	0.1%	0.3%	0.0%	0.1%	0.1%	-0.2%	-0.2%	-0.69
Ory (22%)												
No Action Alternative	61.2	53.1	45.8	44.1	49.6	55.1	61.9	67.2	71.5	71.9	71.4	69.0
Alternative A	61.1	53.1	45.9	44.2	49.6	55.3	62.1	67.3	71.4	71.6	71.2	68.8
Difference	-0.1	0.0	0.1	0.0	0.0	0.2	0.2	0.1	-0.1	-0.4	-0.2	-0.2
Percent Difference	-0.2%	0.0%	0.2%	0.0%	0.1%	0.3%	0.3%	0.1%	-0.1%	-0.5%	-0.3%	-0.39
Critical (15%)												
No Action Alternative	62.9	52.9	44.7	44.7	50.8	55.9	62.8	67.6	70.6	73.6	73.3	69.9
Alternative A	62.8	52.8	44.8	44.8	51.0	56.1	62.8	67.6	70.6	73.4	72.5	69.6
Difference	-0.1	-0.1	0.0	0.1	0.1	0.2	0.1	0.0	0.0	-0.2	-0.8	-0.2
Percent Difference	-0.1%	-0.1%	0.1%	0.3%	0.2%	0.3%	0.1%	0.0%	0.0%	-0.3%	-1.1%	-0.39

1 Based on the 82-year simulation period

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



Figure SQ-12-3b

Sacramento River at American River, Monthly Temperature

Probability of Exceedance

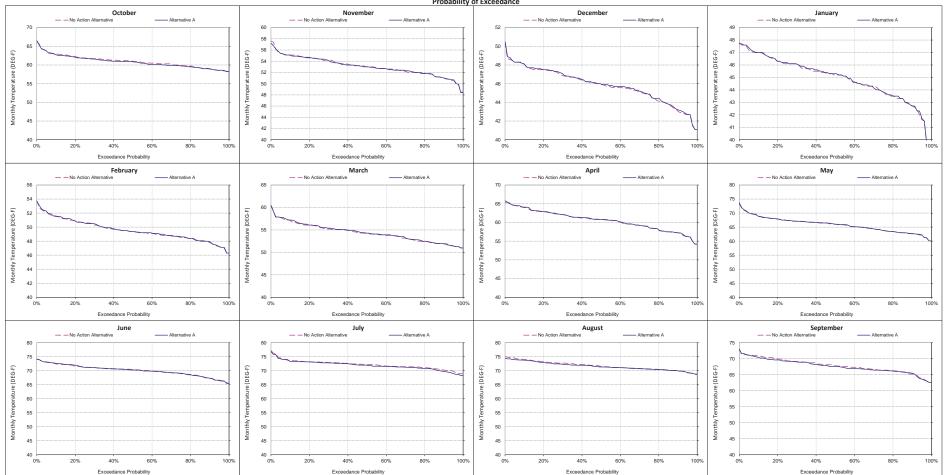


Table SO-12-3b Sacramento River at American River, Monthly Temperature Probability of Exceedance

Novembe

Octobe

January Percent Percent Percent Percent No Action Alternative Alternative A Absolute Relative Relative Relative Relative Exceedance Exceedance Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG.E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% 0.0% 66.2 66.5 0.3 0.5% 0.0% 57.6 57.2 -0.4 -0.7% 50.4 50.5 0.2% 47.7 -0.2% 1.2% 65.6 65.3 -0.3 -0.5% 1.2% 57.4 56.8 -0.6 -1.0% 1.2% 48.7 48.9 0.2 0.4% 1.2% 47.6 47.7 0.1 0.2% 2.5% 64.4 64.3 -0.2% 2.5% 56.2 56.2 0.0% 2.5% 48.6 48.8 0.4% 2.5% 47.6 47.6 0.0% 3.7% 3.7% 64.1 64.1 0.0 0.0% 3.7% 55.7 55.8 0.1 0.2% 3.7% 48.5 48.5 0.0 0.0% 47.5 47.6 0.1 0.2% 4.9% 63.8 63.8 0.0 0.0% 4.9% 55.4 55.4 0.0 0.0% 4.9% 48.3 48.3 0.0 0.0% 4.9% 47.2 47.4 0.2 0.4% 6.2% 6.2% 6.2% 6.2% 63.4 63.2 -0.2 -0.3% 55.3 55.3 0.0 0.0% 48.3 48.3 0.0 0.0% 47.1 47.2 0.1 0.2% 7.4% 63.2 63.1 -0.1 -0.1 -0.2% -0.2% 7.4% -0.2% 7.4% 48.3 -0.1 0.0% 7.4% 47.0 47.1 0.1 0.2% 8.6% 8.6% 8.6% 8.6 · . 9.9% 11.1% 12.3% 8.6% 63.0 55.1 55.1 0.0 0.0% 48 3 48.2 -0.2% 47.0 47.0 0.0% 9.9% -0.3% 0.0% 0.0% 0.0% 11.1% 12.3% 62.9 62.6 -0.3 -0.5% 11.1% 55.1 54.9 -0.2 -0.4% 11.1% 47.8 47.8 0.0 0.0% 47.0 47.0 0.0 0.0% 13.6% 13.6% 13.6% 0.0% 62.8 62.6 -0 2 -0.3% 55.0 549 -0.1 -0.2% 47.6 477 0.1 0.2% 46.8 46.8 0.0 54.8 47.5 16.0% 16.0% 16.0% 16.0% 62.6 62.4 -0.2 -0.3% 54.8 54.8 0.0 0.0% 47.5 47.6 0.1 0.2% 46.6 46.6 0.0 0.0% 18.5% 18.5% 54.7 0.2% 18.5% 0.2% 18.5% 0.0% 62.4 62.2 -0.2 -0.3% 54.6 0.1 47.5 47.6 0.1 46.5 46.5 0.0 19.8% 21.0% 62.3 62.1 -0.2 -0.2 -0.3% 19.8% 54.7 54.6 19.8% 21.0% 47.5 47.5 47.5 0.0 0.0% 19.8% 21.0% 0.0 61.9 -0.3% 54.6 0.0 0.0% 47.5 46.3 46.3 0.0% 22.2% 23.5% -0.2% -0.2% 22.2% 23.5% -0.2% 22.2% 23.5% 22.2% 23.5% 46.2 61.9 -0.1 54.5 0.0 0.0 47.4 47.4 61.8 54.5 0.0 0.0% 0.0% 46.1 46.2 0.2% 24.7% 25.9% 61.9 61.8 -0.2% -0.2% 24.7% 25.9% 24.7% 25.9% 24.7% 25.9% 46.2 46.1 54.4 0.0% 47.3 17.1 0.2% 0.1 0.2% 61.7 -0.1 54.4 54.4 0.0 0.0% 47.3 47.3 0.0 46.1 0.0% 0.0% 27.2% 28.4% 27.2% 28.4% 27.2% 28.4% -0.2% 27.2% 54.2 -n 2 -0.4% 47 2 46.1 46.1 0.0 61.7 61.6 -0.1 -0.2% 28.4% 54.3 54.2 -0.2% 47.0 47.2 0.2 0.4% 46.1 46.1 0.0 0.0% -0.1 29.6% 30.9% -0.2% -0.3% 29.6% 30.9% 29.6% 30.9% 0.4% 29.6% 30.9% 54.2 53.9 0.0 0.0% 0.0 0.0% -0.6% 46.8 46.0 32.1% -0.2 -0.3% 32.1% 53.8 -0.3 -0.6% 32.1% 46.8 46.8 0.0% 32.1% 45.8 45.9 0.1 0.2% 33.3% 61.6 -0.3 -0.5% 33.3% 53.8 53.7 -0.2% 33.3% 0.1 0.2% 33.3% 45.7 45.9 0.2 0.4% 34.6% 61.4 -0.1 -0.2% 34.6% 53.7 53.7 0.0 0.0% 34.6% 46.7 46.7 0.0 0.0% 34.6% 45.7 45.8 0.1 0.2% 35.8% -0.3% 35.8% 35.8% 0.0% 35.8% 61.4 53.6 0.0% 0.0 45.7 0.0% 37.0% 61.4 -0.3-0.5% 37.0% 53.6 53.4 -0.2 -0.4% 37.0% 46.6 46.6 0.0 0.0% 37.0% 45.6 45.7 0.1 0.2% 38.3% 61.3 61.1 -0.3% 38.3% 53.4 38.3% 0.2% 38.3% 45.7 -0.2% 39.5% 61.3 -0.3 -0.5% 39.5% 53.5 53.3 -0.2 -0.4% 39.5% 46.4 46.5 0.2% 39.5% 45.5 45.6 0.1 0.2% 40.7% 61.3 61.0 -0.3 -0.5% 40.7% 53.4 53.3 -0.1 -0.2% 40.7% 46.4 46.4 0.0 0.0% 40.7% 45.5 45.6 0.1 0.2% 42.0% 61.2 61.0 -0.2-0.3% 42.0% 53.3 53.3 0.0% 42.0% 46.2 46.2 0.0 0.0% 42.0% 45.4 45.5 0.1 0.2% 43.2% 61.2 61.0 -0.2 -0.3% 43.2% 53.2 53.3 0.1 0.2% 43.2% 46.2 46.2 0.0 0.0% 43.2% 45.4 45.5 0.1 0.2% 44.4% 61.2 60.9 -0.3 -0.5% 44.4% 53.2 53.2 0.0 0.0% 44.4% 46.1 46.2 0.1 0.2% 44.4% 45.4 45.4 0.0 0.0% 45.7% 45.7% 45.7% 61.2 60.9 -0.3 -0.5% 53.2 53.2 0.0 0.0% 46.1 46.1 0.0 0.0% 45.7% 45.3 45.4 0.1 0.2% 46.9% 61.2 60.9 -0.5% 46.9% 53.2 53.1 -0.2% 46.9% 46.0 46.1 0.2% 46.9% 45.3 45.3 0.0 0.0% 48.1% 49.4% 61.0 60.9 -0.1 -0.2% 48.1% 53.2 53.0 -0.2 -0.4% 48.1% 46.0 46.0 0.0 0.0% 48.1% 45.3 45.3 0.0 0.0% 61.0 -0.2% 49.4% 53.0 53.0 0.0% 49.4% 45.9 0.2% 49.4% 45.2 45.3 0.1 0.2% 50.6% 50.6% 50.6% 61.0 60.8 -0.2 -0.3% 53.0 53.0 0.0 0.0% 45.9 45.9 0.0 0.0% 50.6% 45.2 45.3 0.1 0.2% -0.2% -0.5% -0.3% 51.9% 60.9 51.9% 52.9 -0.2% 45.8 45.9 0.1 0.2% 51.9% 53.1% 45.2 45.2 0.0% 53.1% 53.1% 53.1% -0.3 0.0 60.9 60.6 53.0 529 -0.1 -0.2% 45.7 45.9 45.2 45.2 0.0% 55.6% 56.8% 55.6% 55.6% 55.6% 0.0% 60.6 60.5 -0.1 -0.2% 52.8 52.7 -0.1 -0.2% 45.6 45.8 0.2 0.4% 45.1 45.1 0.0 58.0% 58.0% 0.0% 58.0% 60.5 60.2 -0.3 -0.5% 52.7 52.7 0.0 45.6 45.7 0.1 0.2% 58.0% 44.8 44.9 0.1 0.2% 60.5% 60.5% 60.5% 60.5 60.1 -0.4 -0.7% 52.6 52.6 0.0 0.0% 45.6 45.7 0.1 0.2% 60.5% 44.6 44.6 0.0 0.0% 61.7% 61.7% 52.5 44 5 63.0% 63.0% 63.0% 63.0% 60.4 60.1 -0.3 -0.5% 52.6 52.5 -0.1 -0.2% 45.5 45.6 0.1 0.2% 44.5 44.5 0.0 0.0% 64.2% 65.4% 60.1 -0.3% 64.2% 65.4% 52.4 52.4 64.2% 65.4% 45.5 45.4 0.2% 64.2% 65.4% 0.0 60.3 -0.3 -0.1 45.5 0.1 44.4 44.4 -0.5% 52.5 -0.2% 0.0% 66.7% 67.9% 60.3 60.3 -0.5% -0.7% 66.7% 67.9% 66.7% 67.9% 45.5 45.3 66.7% 67.9% -0.3 52.4 0.0% 45.3 0.4% 44.4 0.1 0.2% -0.4 52.4 0.0 52.3 0.1 44.3 44.3 59.9 0.2% 45.3 0.0% 0.0% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% -0.2% 0.0% 69.1% 70.4% -0.7% 52.4 45.3 -0.1 0.0 44.3 44.3 59.9 52.3 44.3 -0.2 60.1 -0.2 -0.3% 52.1 0.2 0.4% 45.2 45.2 44.1 -0.5% 71.6% 59.9 -0.2% -0.3% 71.6% 52.3 0.6% 71.6% 45.1 45.0 -0.1 0.1 -0.2% 0.2% 71.6% 44 2 44 0 -0.2 -0.5% 72.8% 60.0 59.8 -0.2 72.8% 52.0 52.2 0.2 0.4% 72.8% 44.9 45.0 72.8% 44.0 44.0 0.0 0.0% 74.1% 75.3% -0.2% -0.3% 74.1% 75.3% 74.1% 0.2% 74.1% 0.0% 43.9 43.9 0.0 0.0% 75.3% 75.3% -0.1 43.8 76.5% 59.8 -0.2% 76.5% 51.9 52.0 0.2% 76.5% 44.4 44.5 0.2% 76.5% 43.6 43.7 0.1 0.2% 77.8% -0.3% 77.8% 0.4% 77.8% 0.0 0.0% 77.8% 0.0 59.8 52.0 43.6 0.0% 79.0% 59.7 59.5 -0.2 -0.3% 79.0% 51.8 51.8 0.0 0.0% 79.0% 44.2 44.4 0.2 0.5% 79.0% 43.5 43.6 0.1 0.2% 80.2% -0.3% 80.2% 51.8 80.2% 44.1 44.4 80.2% 43.5 59.7 0.0% 0.3 0.7% 43.5 0.0% 81.5% 59.5 59.4 -0.2% 81.5% 51.8 51.8 0.0% 81.5% 44.1 44.1 0.0 0.0% 81.5% 43.4 43.5 0.1 0.2% 82.7% 82.7% 59.4 -0.2% 82.7% 51.8 0.2% 44.0 44.0 0.0 0.0% 82.7% 43.3 43.5 0.5% 84.0% 59.3 59.3 0.0 0.0% 84.0% 51.7 51.7 0.0% 84.0% 43.9 43.9 0.0 0.0% 84.0% 43.3 43.3 0.0 0.0% 85.2% 59.2 59.2 0.0 0.0% 85.2% 51.2 51.3 0.1 0.2% 85.2% 43.7 43.8 0.1 0.2% 85.2% 43.3 43.3 0.0 0.0% 86.4% 59.0 -0.2% 86.4% 51.2 0.0% 86.4% 43.6 43.7 0.2% 86.4% 43.0 43.0 0.0 0.0% 87.7% 59 1 59.0 -0.1 -0.2% 87.7% 51.2 512 0.0 0.0% 87.7% 43.4 43.5 0.1 0.2% 87.7% 42.9 43.0 0.1 0.2% 88.9% 59.1 59.0 -0.1 -0.2% 88.9% 51.1 51.1 0.0 0.0% 88.9% 43.3 43.3 0.0 0.0% 88.9% 42.8 42.8 0.0 0.0% 90.1% 59.0 58.9 -0.1 -0.2% 90.1% 51.0 51.0 0.0 0.0% 90.1% 43.0 43.2 0.2 0.5% 90.1% 42.7 42.7 0.0 0.0% 91.4% 58.8 -0.2% 91.4% 50.9 91.4% 42.9 43.1 91.4% 42.6 42.7 -0.1 91.4% 92.6% 0.0% 92.6% 58.7 58.7 0.0 0.0% 50.8 50.8 0.0 42 9 43.0 0.1 0.2% 92.6% 42.4 423 -0.2% 93.8% 0.0 50.7 42.7 93.8% 42.3 58.6 58.6 0.0% 93.8% 50.6 0.2% 93.8% 42.8 0.2% 42.0 0.3 0.7% 95.1% 95.1% 95.1% 95.1% 58.5 58.6 0.1 0.2% 50.6 50.7 0.1 0.2% 42.7 42.7 0.0 0.0% 41.6 41.7 0.1 0.2% 96.3% 58.6 0.1 0.2% 96.3% 50.2 50.0 -0.2-0.4% 96.3% 97.5% 42.6 0.2% 96.3% 97.5% 41.5 41.5 0.0 0.0% -0.1 97.5% 58.5 0.2% 97.5% 0.0 0.0% 58.4 49 9 499 0.0% 41 6 415 -0.2% 39.7 39.7 -0.2% 0.0% 98.8% 0.0% 100.0% 100.0% 100.0% 100.0% 58.3 58.2 -0.1 -0.2% 48.5 48.4 -0.2% 41.1 41.1 0.0 0.0% 39.3 39.3 0.0 0.0%

Table SQ-12-3b
Sacramento River at American River, Monthly Temperature
Probability of Exceedance

		February					March					April					May		
Percent	No Action Alternative	Alternative A	Absolute		Percent	No Action Alternative	Alternative A	Absolute		Percent	No Action Alternative	Alternative A	Absolute		Percent	No Action Alternative	Alternative A	Absolute	
Exceedance			Difference	Relative															
Probability		Monthly Temperature	(DEG-F)	Difference (%)	Probability		Monthly Temperature	(DEG-F)	Difference (%)	Probability		Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	53.8	53.7	-0.1	-0.2%	0.0%	60.5	60.4	-0.1	-0.2%	0.0%	65.4	65.8	0.4	0.6%	0.0%	73.4	73.7	0.3	0.4%
1.2%	52.8	53.1	0.3	0.6%	1.2%	59.3	59.2	-0.1	-0.2%	1.2%	65.4	65.4	0.0	0.0%	1.2%	71.9	72.0	0.1	0.1%
2.5%	52.5	52.6	0.1	0.2%	2.5%	57.9	57.9	0.0	0.0%	2.5%	65.2	65.0	-0.2	-0.3%	2.5%	71.0	71.2	0.2	0.3%
3.7%	52.3	52.4	0.1	0.2%	3.7%	57.8	57.9	0.1	0.2%	3.7%	64.6	64.7	0.1	0.2%	3.7%	70.6	70.8	0.2	0.3%
4.9%	52.2	52.3	0.1	0.2%	4.9%	57.8	57.8	0.0	0.0%	4.9%	64.6	64.6	0.0	0.0%	4.9%	70.1	70.0	-0.1	-0.1%
6.2%	51.9	51.9	0.0	0.0%	6.2%	57.5	57.8	0.3	0.5%	6.2%	64.4	64.5	0.1	0.2%	6.2%	69.7	69.9	0.2	0.3%
7.4%	51.7	51.9	0.2	0.4%	7.4%	57.3	57.5	0.2	0.3%	7.4%	64.3	64.5	0.2	0.3%	7.4%	69.6	69.7	0.1	0.1%
8.6%	51.6	51.6	0.0	0.0%	8.6%	57.2	57.3	0.1	0.2%	8.6%	64.1	64.2	0.1	0.2%	8.6%	69.4	69.6	0.2	0.3%
9.9%	51.5	51.6	0.1	0.2%	9.9%	57.2	57.2	0.0	0.0%	9.9%	64.0	64.1	0.1	0.2%	9.9%	68.9	68.9	0.0	0.0%
11.1%	51.5	51.5	0.0	0.0%	11.1%	56.7	57.2	0.5	0.9%	11.1%	63.9	64.1	0.2	0.3%	11.1%	68.8	68.7	-0.1	-0.1%
12.3%	51.3	51.5	0.2	0.4%	12.3%	56.7	57.0	0.3	0.5%	12.3%	63.6	64.0	0.4	0.6%	12.3%	68.6	68.4	-0.2	-0.3%
13.6%	51.2	51.3	0.1	0.2%	13.6%	56.5	56.7	0.2	0.4%	13.6%	63.2	63.3	0.1	0.2%	13.6%	68.4	68.4	0.0	0.0%
14.8%	51.2	51.2	0.0	0.0%	14.8%	56.4	56.5	0.1	0.2%	14.8%	63.2	63.2	0.0	0.0%	14.8%	68.3	68.3	0.0	0.0%
16.0%	51.1	51.2	0.1	0.2%	16.0%	56.2	56.4	0.2	0.4%	16.0%	63.0	63.1	0.1	0.2%	16.0%	68.1	68.2	0.1	0.1%
17.3%	51.0	51.2	0.2	0.4%	17.3%	56.1	56.3	0.2	0.4%	17.3%	63.0	63.1	0.1	0.2%	17.3%	68.1	68.2	0.1	0.1%
18.5%	51.0	51.0	0.0	0.0%	18.5%	56.1	56.3	0.2	0.4%	18.5%	62.9	63.0	0.1	0.2%	18.5%	67.9	68.1	0.2	0.3%
19.8%	50.9	50.9	0.0	0.0%	19.8%	56.1	56.1	0.0	0.0%	19.8%	62.9	63.0	0.1	0.2%	19.8%	67.9	67.9	0.0	0.0%
21.0%	50.9	50.7	-0.2	-0.4%	21.0%	56.1	56.1	0.0	0.0%	21.0%	62.8	62.9	0.1	0.2%	21.0%	67.8	67.8	0.0	0.0%
22.2%	50.7	50.7	0.0	0.0%	22.2%	56.0	56.0	0.0	0.0%	22.2%	62.7	62.8	0.1	0.2%	22.2%	67.6	67.5	-0.1	-0.1%
23.5%	50.7	50.7	0.0	0.0%	23.5%	55.9	56.0	0.1	0.2%	23.5%	62.6	62.6	0.0	0.0%	23.5%	67.6	67.5	-0.1	-0.1%
24.7%	50.6	50.6	0.0	0.0%	24.7%	55.7	55.9	0.2	0.4%	24.7%	62.5	62.5	0.0	0.0%	24.7%	67.4	67.4	0.0	0.0%
25.9%	50.6	50.5	-0.1	-0.2%	25.9%	55.5	55.6	0.1	0.2%	25.9%	62.5	62.3	-0.2	-0.3%	25.9%	67.3	67.4	0.1	0.1%
27.2%	50.6	50.5	-0.1	-0.2%	27.2%	55.4	55.5	0.1	0.2%	27.2%	62.3	62.3	0.0	0.0%	27.2%	67.2	67.3	0.1	0.1%
28.4%	50.5	50.5	0.0	0.0%	28.4%	55.3	55.5	0.2	0.4%	28.4%	62.1	62.2	0.1	0.2%	28.4%	67.2	67.1	-0.1	-0.1%
29.6%	50.3	50.5	0.2	0.4%	29.6%	55.2	55.4	0.2	0.4%	29.6%	62.1	62.1	0.0	0.0%	29.6%	67.1	67.1	0.0	0.0%
30.9%	50.3	50.4	0.1	0.2%	30.9%	55.2	55.4	0.2	0.4%	30.9%	62.0	62.1	0.1	0.2%	30.9%	67.1	67.1	0.0	0.0%
32.1%	50.2	50.2	0.0	0.0%	32.1%	55.1	55.3	0.2	0.4%	32.1%	61.9	61.9	0.0	0.0%	32.1%	67.1	67.0	-0.1	-0.1%
33.3%	50.1	50.1	0.0	0.0%	33.3%	55.1	55.2	0.1	0.2%	33.3%	61.6	61.7	0.1	0.2%	33.3%	67.0	67.0	0.0	0.0%
34.6%	50.0	50.0	0.0	0.0%	34.6%	55.1	55.1	0.0	0.0%	34.6%	61.5	61.5	0.0	0.0%	34.6%	66.9	66.9	0.0	0.0%
35.8%	49.9	49.9	0.0	0.0%	35.8%	55.1	55.1	0.0	0.0%	35.8%	61.4	61.4	0.0	0.0%	35.8%	66.9	66.8	-0.1	-0.1%
37.0%	49.8	49.9	0.1	0.2%	37.0%	55.1	55.1	0.0	0.0%	37.0%	61.4	61.4	0.0	0.0%	37.0%	66.8	66.7	-0.1	-0.1%
38.3%	49.8	49.9	0.1	0.2%	38.3%	55.0	55.1	0.1	0.2%	38.3%	61.3	61.4	0.1	0.2%	38.3%	66.8	66.7	-0.1	-0.1%
39.5%	49.7	49.8	0.1	0.2%	39.5%	54.9	55.0	0.1	0.2%	39.5%	61.2	61.3	0.1	0.2%	39.5%	66.8	66.7	-0.1	-0.1%
40.7%	49.7	49.7	0.0	0.0%	40.7%	54.9	54.9	0.0	0.0%	40.7%	61.2	61.3	0.1	0.2%	40.7%	66.7	66.6	-0.1	-0.1%
42.0%	49.6	49.6	0.0	0.0%	42.0%	54.7	54.9	0.2	0.4%	42.0%	61.2	61.3	0.1	0.2%	42.0%	66.6	66.5	-0.1	-0.2%
43.2%	49.6	49.6	0.0	0.0%	43.2%	54.6	54.9	0.3	0.5%	43.2%	61.1	61.2	0.1	0.2%	43.2%	66.6	66.5	-0.1	-0.2%
44.4%	49.5	49.5	0.0	0.0%	44.4%	54.5	54.7	0.2	0.4%	44.4%	60.9	61.1	0.2	0.3%	44.4%	66.5	66.5	0.0	0.0%
45.7%	49.5	49.5	0.0	0.0%	45.7%	54.4	54.6	0.2	0.4%	45.7%	60.9	60.9	0.0	0.0%	45.7%	66.5	66.5	0.0	0.0%
46.9%	49.5	49.5	0.0	0.0%	46.9%	54.3	54.4	0.1	0.2%	46.9%	60.8	60.9	0.1	0.2%	46.9%	66.2	66.4	0.2	0.3%
48.1%	49.4	49.4	0.0	0.0%	48.1%	54.3	54.4	0.1	0.2%	48.1%	60.8	60.9	0.1	0.2%	48.1%	66.2	66.3	0.1	0.2%
49.4%	49.4	49.4	0.0	0.0%	49.4%	54.2	54.3	0.1	0.2%	49.4%	60.8	60.8	0.0	0.0%	49.4%	66.1	66.1	0.0	0.0%
50.6%	49.3	49.4	0.1	0.2%	50.6%	54.2	54.3	0.1	0.2%	50.6%	60.8	60.8	0.0	0.0%	50.6%	66.0	66.0	0.0	0.0%
51.9%	49.3	49.3	0.0	0.0%	51.9%	54.1	54.2	0.1	0.2%	51.9%	60.7	60.8	0.1	0.2%	51.9%	65.9	66.0	0.1	0.2%
53.1%	49.2	49.3	0.1	0.2%	53.1%	54.1	54.1	0.0	0.0%	53.1%	60.6	60.7	0.1	0.2%	53.1%	65.9	65.9	0.0	0.0%
54.3%	49.2	49.2	0.0	0.0%	54.3%	54.0	54.1	0.1	0.2%	54.3%	60.6	60.6	0.0	0.0%	54.3%	65.8	65.9	0.1	0.2%
55.6%	49.2	49.2	0.0	0.0%	55.6%	54.0	54.1	0.1	0.2%	55.6%	60.6	60.6	0.0	0.0%	55.6%	65.7	65.9	0.2	0.3%
56.8%	49.2	49.2	0.0	0.0%	56.8%	53.9	54.0	0.1	0.2%	56.8%	60.5	60.5	0.0	0.0%	56.8%	65.7	65.7	0.0	0.0%
58.0%	49.1	49.2	0.1	0.2%	58.0%	53.9	53.9	0.0	0.0%	58.0%	60.5	60.5	0.0	0.0%	58.0%	65.2	65.2	0.0	0.0%
59.3%	49.1	49.2	0.1	0.2%	59.3%	53.8	53.9	0.1	0.2%	59.3%	60.1	60.2	0.1	0.2%	59.3%	65.1	65.2	0.1	0.2%
60.5%	49.1	49.1	0.0	0.0%	60.5%	53.8	53.9	0.1	0.2%	60.5%	60.0	60.1	0.1	0.2%	60.5%	65.1	65.1	0.0	0.0%
61.7%	49.0	49.1	0.1	0.2%	61.7%	53.8	53.9	0.1	0.2%	61.7%	59.6	59.9	0.3	0.5%	61.7%	65.0	65.1	0.1	0.2%
63.0%	49.0	49.1	0.1	0.2%	63.0%	53.8	53.8	0.0	0.0%	63.0%	59.6	59.7	0.1	0.2%	63.0%	65.0	65.0	0.0	0.0%
64.2%	48.9	49.0	0.1	0.2%	64.2%	53.7	53.7	0.0	0.0%	64.2%	59.6	59.6	0.0	0.0%	64.2%	64.9	65.0	0.1	0.2%
65.4%	48.8	49.0	0.2	0.4%	65.4%	53.6	53.7	0.1	0.2%	65.4%	59.6	59.6	0.0	0.0%	65.4%	64.8	64.9	0.1	0.2%
66.7%	48.8	48.9	0.1	0.2%	66.7%	53.5	53.6	0.1	0.2%	66.7%	59.5	59.5	0.0	0.0%	66.7%	64.6	64.7	0.1	0.2%
67.9%	48.8	48.8	0.0	0.0%	67.9%	53.2	53.5	0.3	0.6%	67.9%	59.3	59.3	0.0	0.0%	67.9%	64.6	64.6	0.0	0.0%
69.1%	48.8	48.8	0.0	0.0%	69.1%	53.2	53.5	0.3	0.6%	69.1%	59.3	59.3	0.0	0.0%	69.1%	64.5	64.5	0.0	0.0%
70.4%	48.7	48.8	0.1	0.2%	70.4%	53.1	53.1	0.0	0.0%	70.4%	59.2	59.2	0.0	0.0%	70.4%	64.3	64.3	0.0	0.0%
71.6%	48.7	48.7	0.0	0.0%	71.6%	53.1	53.0	-0.1	-0.2%	71.6%	59.1	59.1	0.0	0.0%	71.6%	64.2	64.2	0.0	0.0%
72.8%	48.7	48.7	0.0	0.0%	72.8%	52.9	52.9	0.0	0.0%	72.8%	59.1	59.0	-0.1	-0.2%	72.8%	64.2	64.2	0.0	0.0%
74.1%	48.6	48.7	0.1	0.2%	74.1%	52.8	52.9	0.1	0.2%	74.1%	59.0	58.9	-0.1	-0.2%	74.1%	63.9	63.9	0.0	0.0%
75.3%	48.5	48.6	0.1	0.2%	75.3%	52.6	52.8	0.2	0.4%	75.3%	58.5	58.5	0.0	0.0%	75.3%	63.8	63.8	0.0	0.0%
76.5%	48.5	48.6	0.1	0.2%	76.5%	52.5	52.8	0.3	0.6%	76.5%	58.4	58.5	0.1	0.2%	76.5%	63.6	63.6	0.0	0.0%
77.8%	48.5	48.5	0.0	0.0%	77.8%	52.5	52.7	0.2	0.4%	77.8%	58.4	58.4	0.0	0.0%	77.8%	63.6	63.5	-0.1	-0.2%
79.0%	48.4	48.4	0.0	0.0%	79.0%	52.4	52.5	0.1	0.2%	79.0%	58.4	58.4	0.0	0.0%	79.0%	63.5	63.5	0.0	0.0%
80.2%	48.4	48.4	0.0	0.0%	80.2%	52.4	52.5	0.1	0.2%	80.2%	57.8	57.9	0.1	0.2%	80.2%	63.4	63.4	0.0	0.0%
81.5%	48.4	48.3	-0.1	-0.2%	81.5%	52.4	52.4	0.0	0.0%	81.5%	57.7	57.7	0.0	0.0%	81.5%	63.3	63.3	0.0	0.0%
82.7%	48.2	48.1	-0.1	-0.2%	82.7%	52.2	52.3	0.1	0.2%	82.7%	57.6	57.7	0.1	0.2%	82.7%	63.1	63.1	0.0	0.0%
84.0%	48.1	48.1	0.0	0.0%	84.0%	52.1	52.2	0.1	0.2%	84.0%	57.5	57.5	0.0	0.0%	84.0%	63.0	63.0	0.0	0.0%
85.2%	48.1	48.0	-0.1	-0.2%	85.2%	52.0	52.1	0.1	0.2%	85.2%	57.5	57.5	0.0	0.0%	85.2%	63.0	63.0	0.0	0.0%
86.4%	48.1	48.0	-0.1	-0.2%	86.4%	52.0	52.0	0.0	0.0%	86.4%	57.4	57.5	0.1	0.2%	86.4%	62.9	63.0	0.1	0.2%
87.7%	48.0	48.0	0.0	0.0%	87.7%	52.0	52.0	0.0	0.0%	87.7%	57.4	57.4	0.0	0.0%	87.7%	62.7	62.9	0.2	0.3%
88.9%	47.9	48.0	0.1	0.2%	88.9%	52.0	52.0	0.0	0.0%	88.9%	57.3	57.3	0.0	0.0%	88.9%	62.7	62.7	0.0	0.0%
90.1%	47.8	47.9	0.1	0.2%	90.1%	51.9	51.9	0.0	0.0%	90.1%	57.2	57.2	0.0	0.0%	90.1%	62.6	62.7	0.1	0.2%
91.4%	47.6	47.6	0.0	0.0%	91.4%	51.7	51.9	0.2	0.4%	91.4%	57.2	57.2	0.0	0.0%	91.4%	62.5	62.6	0.1	0.2%
92.6%	47.4	47.5	0.1	0.2%	92.6%	51.6	51.6	0.0	0.0%	92.6%	56.5	56.8	0.3	0.5%	92.6%	62.5	62.5	0.0	0.0%
93.8%	47.3	47.4	0.1	0.2%	93.8%	51.6	51.5	-0.1	-0.2%	93.8%	56.3	56.3	0.0	0.0%	93.8%	62.2	62.5	0.3	0.5%
95.1%	47.2	47.2	0.0	0.0%	95.1%	51.4	51.4	0.0	0.0%	95.1%	56.2	56.2	0.0	0.0%	95.1%	62.1	62.2	0.1	0.2%
96.3%	47.1	47.1	0.0	0.0%	96.3%	51.3	51.3	0.0	0.0%	96.3%	56.1	56.1	0.0	0.0%	96.3%	61.3	61.3	0.0	0.0%
97.5%	47.0	47.1	0.1	0.2%	97.5%	51.3	51.3	0.0	0.0%	97.5%	55.0	55.0	0.0	0.0%	97.5%	61.2	61.2	0.0	0.0%
98.8%	46.3	46.3	0.0	0.0%	98.8%	51.0	51.0	0.0	0.0%	98.8%	54.2	54.2	0.0	0.0%	98.8%	60.1	60.1	0.0	0.0%
100.0%	46.3	46.3	0.0	0.0%	100.0%	51.0	51.0	0.0	0.0%	100.0%	54.2	54.2	0.0	0.0%	100.0%	60.1	60.1	0.0	0.0%

Table SQ-12-3b
Sacramento River at American River, Monthly Temperature
Probability of Exceedance

									Probability	of Exceedance	,								
Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative		Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative		Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative
Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)
0.0%	(DEG-F) 74.2	(DEG-F) 74.0	-0.2	-0.3%	(%) 0.0%	(DEG-F) 77.2	(DEG-F) 76.8	-0.4	-0.5%		(DEG-F) 75.0	(DEG-F) 74.3	-0.7	-0.9%		(DEG-F) 73.1	(DEG-F) 72.9	-0.2	-0.3%
1.2%	73.9	73.9	0.0	0.0%	1.2%	76.2	75.8	-0.4	-0.5%	1.2%	74.8	74.2	-0.6	-0.8%	1.2%	71.4	71.6	0.2	0.3%
2.5%	73.5	73.4	-0.1	-0.1%	2.5%	76.1	75.8	-0.3	-0.4%	2.5%	74.7	74.2	-0.5	-0.7%	2.5%	71.3	71.6	0.3	0.4%
3.7%	73.1	73.1	0.0	0.0%	3.7%	74.8	74.4	-0.4	-0.5%	3.7%	74.7	74.0	-0.7	-0.9%	3.7%	71.3	71.2	-0.1	-0.1%
4.9% 6.2%	73.0 72.9	73.1 73.0	0.1	0.1% 0.1%	4.9% 6.2%	74.5 74.2	74.2 74.0	-0.3 -0.2	-0.4% -0.3%	4.9% 6.2%	74.5 74.2	73.9 73.8	-0.6 -0.4	-0.8% -0.5%	4.9% 6.2%	71.1 71.1	71.1 70.9	0.0 -0.2	0.0% -0.3%
7.4%	72.8	72.8	0.0	0.1%	7.4%	74.2	74.0	0.0	0.0%	7.4%	74.1	73.8	-0.4	-0.5%	7.4%	71.0	70.9	-0.2	-0.3%
8.6%	72.7	72.8	0.1	0.1%	8.6%	73.7	74.0	0.3	0.4%	8.6%	74.1	73.8	-0.3	-0.4%	8.6%	71.0	70.6	-0.4	-0.6%
9.9%	72.4	72.6	0.2	0.3%	9.9%	73.6	73.3	-0.3	-0.4%	9.9%	74.0	73.7	-0.3	-0.4%	9.9%	70.8	70.4	-0.4	-0.6%
11.1% 12.3%	72.3	72.6 72.5	0.3	0.4%	11.1% 12.3%	73.6 73.5	73.3 73.3	-0.3 -0.2	-0.4%	11.1%	74.0 73.9	73.7 73.5	-0.3	-0.4% -0.5%	11.1% 12.3%	70.8 70.6	70.2	-0.6 -0.4	-0.8%
13.6%	72.2 72.2	72.4	0.3	0.4%	13.6%	73.5	73.2	-0.2	-0.3% -0.4%	12.3% 13.6%	73.7	73.5	-0.4 -0.2	-0.5%	13.6%	70.4	70.2 70.1	-0.4	-0.6% -0.4%
14.8%	72.2	72.2	0.0	0.0%	14.8%	73.4	73.2	-0.2	-0.3%	14.8%	73.5	73.4	-0.2	-0.1%	14.8%	70.3	69.8	-0.5	-0.7%
16.0%	72.1	72.2	0.1	0.1%	16.0%	73.3	73.2	-0.1	-0.1%	16.0%	73.4	73.2	-0.2	-0.3%	16.0%	70.3	69.7	-0.6	-0.9%
17.3%	72.0	72.2	0.2	0.3%	17.3%	73.2	73.2	0.0	0.0%	17.3%	73.4	73.1	-0.3	-0.4%	17.3%	70.3	69.7	-0.6	-0.9%
18.5% 19.8%	71.9 71.6	72.1 71.9	0.2	0.3%	18.5% 19.8%	73.2 73.1	73.1 73.1	-0.1 0.0	-0.1% 0.0%	18.5% 19.8%	73.3 73.2	72.9 72.9	-0.4 -0.3	-0.5% -0.4%	18.5% 19.8%	70.0 69.9	69.6 69.6	-0.4 -0.3	-0.6% -0.4%
21.0%	71.5	71.9	0.3	0.6%	21.0%	73.1	73.1	0.0	0.0%	21.0%	73.2	72.8	-0.4	-0.5%	21.0%	69.9	69.6	-0.3	-0.4%
22.2%	71.5	71.5	0.0	0.0%	22.2%	73.1	73.0	-0.1	-0.1%	22.2%	72.9	72.7	-0.2	-0.3%	22.2%	69.8	69.3	-0.5	-0.7%
23.5%	71.3	71.4	0.1	0.1%	23.5%	73.1	73.0	-0.1	-0.1%	23.5%	72.9	72.7	-0.2	-0.3%	23.5%	69.7	69.3	-0.4	-0.6%
24.7%	71.2	71.2	0.0	0.0%	24.7%	73.1	72.9	-0.2	-0.3%	24.7%	72.8	72.5	-0.3	-0.4%	24.7%	69.3	69.2	-0.1	-0.1%
25.9% 27.2%	71.2 71.2	71.2 71.2	0.0	0.0%	25.9% 27.2%	73.0 73.0	72.8 72.8	-0.2 -0.2	-0.3% -0.3%	25.9% 27.2%	72.8 72.7	72.4 72.4	-0.4 -0.3	-0.5% -0.4%	25.9% 27.2%	69.3 69.2	69.2 69.1	-0.1 -0.1	-0.1% -0.1%
28.4%	71.1	71.1	0.0	0.0%	28.4%	73.0	72.8	-0.2	-0.3%	28.4%	72.7	72.4	-0.3	-0.4%	28.4%	69.1	69.1	0.0	0.0%
29.6%	71.1	71.1	0.0	0.0%	29.6%	72.9	72.8	-0.1	-0.1%	29.6%	72.7	72.3	-0.4	-0.6%	29.6%	69.1	69.0	-0.1	-0.1%
30.9%	71.0	71.0	0.0	0.0%	30.9%	72.9	72.7	-0.2	-0.3%	30.9%	72.7	72.2	-0.5	-0.7%	30.9%	69.1	68.9	-0.2	-0.3%
32.1% 33.3%	70.9 70.9	71.0 70.9	0.1	0.1%	32.1% 33.3%	72.9 72.9	72.7 72.6	-0.2 -0.3	-0.3% -0.4%	32.1% 33.3%	72.6 72.6	72.1 72.1	-0.5 -0.5	-0.7% -0.7%	32.1% 33.3%	69.1 68.9	68.9 68.9	-0.2 0.0	-0.3% 0.0%
33.3%	70.9	70.9	-0.1	-0.1%	33.3%	72.9	72.6	-0.3	-0.4%	33.3%	72.5	72.1	-0.5	-0.7%	33.3%	68.9	68.9	0.0	0.0%
35.8%	70.8	70.8	0.0	0.0%	35.8%	72.8	72.5	-0.3	-0.4%	35.8%	72.4	72.0	-0.4	-0.6%	35.8%	68.9	68.8	-0.1	-0.1%
37.0%	70.8	70.7	-0.1	-0.1%	37.0%	72.7	72.5	-0.2	-0.3%	37.0%	72.2	72.0	-0.2	-0.3%	37.0%	68.7	68.4	-0.3	-0.4%
38.3%	70.8	70.7	-0.1	-0.1%	38.3%	72.6	72.5	-0.1	-0.1%	38.3%	72.2	71.9	-0.3	-0.4%	38.3%	68.7	68.3	-0.4	-0.6%
39.5% 40.7%	70.7 70.7	70.6 70.6	-0.1 -0.1	-0.1% -0.1%	39.5% 40.7%	72.6 72.5	72.5 72.4	-0.1 -0.1	-0.1% -0.1%	39.5% 40.7%	72.2 72.2	71.9 71.9	-0.3 -0.3	-0.4% -0.4%	39.5% 40.7%	68.7 68.3	68.2 68.1	-0.5 -0.2	-0.7% -0.3%
42.0%	70.6	70.6	0.0	0.0%	42.0%	72.4	72.3	-0.1	-0.1%	42.0%	72.2	71.9	-0.3	-0.4%	42.0%	68.3	68.0	-0.2	-0.4%
43.2%	70.6	70.5	-0.1	-0.1%	43.2%	72.4	72.1	-0.3	-0.4%	43.2%	72.0	71.8	-0.2	-0.3%	43.2%	68.2	67.9	-0.3	-0.4%
44.4%	70.6	70.5	-0.1	-0.1%	44.4%	72.4	72.1	-0.3	-0.4%	44.4%	71.9	71.8	-0.1	-0.1%	44.4%	68.1	67.8	-0.3	-0.4%
45.7%	70.5	70.4	-0.1	-0.1%	45.7%	72.3	72.0	-0.3	-0.4%	45.7%	71.9	71.6	-0.3	-0.4%	45.7%	68.1	67.8	-0.3	-0.4%
46.9% 48.1%	70.5 70.5	70.4 70.3	-0.1 -0.2	-0.1% -0.3%	46.9% 48.1%	72.3 72.2	72.0 72.0	-0.3 -0.2	-0.4% -0.3%	46.9% 48.1%	71.9 71.8	71.5 71.4	-0.4 -0.4	-0.6% -0.6%	46.9% 48.1%	68.1 68.1	67.6 67.6	-0.5 -0.5	-0.7% -0.7%
49.4%	70.4	70.3	-0.2	-0.1%	49.4%	72.2	72.0	-0.2	-0.3%	49.4%	71.6	71.3	-0.4	-0.4%	49.4%	67.8	67.6	-0.2	-0.3%
50.6%	70.3	70.2	-0.1	-0.1%	50.6%	72.2	71.8	-0.4	-0.6%	50.6%	71.5	71.3	-0.2	-0.3%	50.6%	67.7	67.6	-0.1	-0.1%
51.9%	70.3	70.2	-0.1	-0.1%	51.9%	72.2	71.8	-0.4	-0.6%	51.9%	71.4	71.3	-0.1	-0.1%	51.9%	67.7	67.5	-0.2	-0.3%
53.1% 54.3%	70.2 70.2	70.2 70.1	0.0 -0.1	0.0%	53.1% 54.3%	72.1 72.1	71.6 71.6	-0.5 -0.5	-0.7% -0.7%	53.1% 54.3%	71.4 71.3	71.3 71.2	-0.1 -0.1	-0.1% -0.1%	53.1% 54.3%	67.6 67.6	67.4 67.2	-0.2 -0.4	-0.3% -0.6%
55.6%	70.1	69.9	-0.1	-0.1%	55.6%	72.0	71.6	-0.4	-0.6%	55.6%	71.2	71.2	0.0	0.0%	55.6%	67.5	67.1	-0.4	-0.6%
56.8%	70.1	69.9	-0.2	-0.3%	56.8%	71.8	71.6	-0.2	-0.3%	56.8%	71.1	71.2	0.1	0.1%	56.8%	67.5	66.9	-0.6	-0.9%
58.0%	70.0	69.9	-0.1	-0.1%	58.0%	71.8	71.5	-0.3	-0.4%	58.0%	71.1	71.1	0.0	0.0%	58.0%	67.3	66.9	-0.4	-0.6%
59.3%	70.0	69.8	-0.2	-0.3%	59.3%	71.7	71.5	-0.2	-0.3%	59.3%	71.1	71.1	0.0	0.0%	59.3%	67.3	66.9	-0.4	-0.6%
60.5% 61.7%	69.8 69.8	69.8 69.7	0.0 -0.1	0.0%	60.5% 61.7%	71.6 71.6	71.5 71.4	-0.1 -0.2	-0.1% -0.3%	60.5% 61.7%	71.1 71.0	71.0 71.0	-0.1 0.0	-0.1% 0.0%	60.5% 61.7%	67.3 67.2	66.9 66.9	-0.4 -0.3	-0.6% -0.4%
63.0%	69.8	69.7	-0.1	-0.1%	63.0%	71.6	71.4	-0.2	-0.3%	63.0%	71.0	71.0	0.0	0.0%	63.0%	67.2	66.8	-0.4	-0.6%
64.2%	69.7	69.7	0.0	0.0%	64.2%	71.5	71.4	-0.1	-0.1%	64.2%	71.0	70.9	-0.1	-0.1%	64.2%	66.9	66.8	-0.1	-0.1%
65.4%	69.6	69.5	-0.1	-0.1%	65.4%	71.5	71.3	-0.2	-0.3%	65.4%	70.9	70.8	-0.1	-0.1%	65.4%	66.9	66.7	-0.2	-0.3%
66.7% 67.9%	69.5 69.4	69.4 69.3	-0.1 -0.1	-0.1% -0.1%	66.7% 67.9%	71.5 71.4	71.3 71.3	-0.2 -0.1	-0.3% -0.1%	66.7% 67.9%	70.9 70.8	70.8 70.8	-0.1 0.0	-0.1% 0.0%	66.7% 67.9%	66.9 66.8	66.7 66.5	-0.2 -0.3	-0.3% -0.4%
69.1%	69.3	69.3	0.0	0.0%	69.1%	71.4	71.3	-0.1	-0.1%	69.1%	70.8	70.8	0.0	0.1%	69.1%	66.7	66.5	-0.3	-0.4%
70.4%	69.3	69.2	-0.1	-0.1%	70.4%	71.4	71.2	-0.2	-0.3%	70.4%	70.7	70.8	0.1	0.1%	70.4%	66.7	66.4	-0.3	-0.4%
71.6%	69.2	69.2	0.0	0.0%	71.6%	71.4	71.2	-0.2	-0.3%	71.6%	70.6	70.7	0.1	0.1%	71.6%	66.5	66.4	-0.1	-0.2%
72.8%	69.1	69.2	0.1	0.1%	72.8%	71.4	71.1	-0.3	-0.4%	72.8%	70.6	70.6	0.0	0.0%	72.8%	66.4	66.4	0.0	0.0%
74.1%	69.1 69.1	69.1 68.9	0.0	0.0%	74.1%	71.3	71.1	-0.2	-0.3%	74.1%	70.5	70.6	0.1	0.1%	74.1%	66.4 66.4	66.4 66.3	0.0	0.0%
75.3% 76.5%	68.9	68.9	-0.2 0.0	-0.3% 0.0%	75.3% 76.5%	71.3 71.3	71.1 70.9	-0.2 -0.4	-0.3% -0.6%	75.3% 76.5%	70.5 70.5	70.6 70.5	0.1 0.0	0.1%	75.3% 76.5%	66.4	66.3	-0.1 -0.1	-0.2% -0.2%
77.8%	68.7	68.7	0.0	0.0%	77.8%	71.2	70.9	-0.3	-0.4%	77.8%	70.5	70.4	-0.1	-0.1%	77.8%	66.3	66.2	-0.1	-0.2%
79.0%	68.7	68.5	-0.2	-0.3%	79.0%	71.1	70.8	-0.3	-0.4%	79.0%	70.5	70.4	-0.1	-0.1%	79.0%	66.3	66.2	-0.1	-0.2%
80.2%	68.6	68.5	-0.1	-0.1%	80.2%	71.1	70.8	-0.3	-0.4%	80.2%	70.4	70.4	0.0	0.0%	80.2%	66.2	66.1	-0.1	-0.2%
81.5% 82.7%	68.4 68.4	68.2 68.2	-0.2 -0.2	-0.3% -0.3%	81.5% 82.7%	71.0 70.9	70.8 70.7	-0.2 -0.2	-0.3% -0.3%	81.5% 82.7%	70.4 70.4	70.4 70.3	0.0 -0.1	0.0% -0.1%	81.5% 82.7%	66.2 66.0	66.0 66.0	-0.2 0.0	-0.3% 0.0%
84.0%	68.2	68.1	-0.2	-0.1%	84.0%	70.8	70.7	-0.2	-0.3%	84.0%	70.4	70.3	0.1	0.1%	84.0%	65.9	65.9	0.0	0.0%
85.2%	68.1	68.0	-0.1	-0.1%	85.2%	70.7	70.4	-0.3	-0.4%	85.2%	70.2	70.1	-0.1	-0.1%	85.2%	65.9	65.8	-0.1	-0.2%
86.4%	67.8	67.8	0.0	0.0%	86.4%	70.6	70.1	-0.5	-0.7%	86.4%	70.1	70.1	0.0	0.0%	86.4%	65.8	65.7	-0.1	-0.2%
87.7%	67.6	67.4	-0.2	-0.3%	87.7%	70.5	70.0	-0.5	-0.7%	87.7%	70.0	70.1	0.1	0.1%	87.7%	65.3	65.6	0.3	0.5%
88.9% 90.1%	67.4 67.2	67.4 67.3	0.0	0.0%	88.9% 90.1%	70.3 70.2	69.8 69.7	-0.5 -0.5	-0.7% -0.7%	88.9% 90.1%	70.0 69.9	70.1 69.9	0.1	0.1%	88.9% 90.1%	65.2 65.2	65.6 65.4	0.4	0.6%
90.1%	67.2	67.3	-0.1	-0.1%	90.1%	70.2	69.6	-0.5	-0.7%	90.1%	69.9	69.8	-0.1	-0.1%	90.1%	65.0	65.2	0.2	0.3%
92.6%	66.7	66.6	-0.1	-0.1%	92.6%	70.0	69.4	-0.6	-0.9%	92.6%	69.7	69.8	0.1	0.1%	92.6%	64.7	64.4	-0.3	-0.5%
93.8%	66.6	66.6	0.0	0.0%	93.8%	70.0	69.2	-0.8	-1.1%	93.8%	69.5	69.6	0.1	0.1%	93.8%	64.0	63.8	-0.2	-0.3%
95.1%	66.6	66.4	-0.2	-0.3%	95.1%	69.7	68.9	-0.8	-1.1%	95.1%	69.4	69.2	-0.2	-0.3%	95.1%	63.9	63.6	-0.3	-0.5%
96.3% 97.5%	66.4 66.4	66.3 66.3	-0.1 -0.1	-0.2% -0.2%	96.3% 97.5%	69.2 68.9	68.7 68.6	-0.5 -0.3	-0.7% -0.4%	96.3% 97.5%	69.1 69.1	69.2 69.0	0.1 -0.1	0.1% -0.1%	96.3% 97.5%	63.5 63.0	63.3 63.0	-0.2 0.0	-0.3% 0.0%
98.8%	65.6	65.4	-0.1	-0.3%	98.8%	68.9	68.3	-0.5	-0.4%	98.8%	68.6	68.8	0.1	0.3%	98.8%	62.7	62.6	-0.1	-0.2%
100.0%	65.6	65.4	-0.2	-0.3%	100.0%	68.9	68.3	-0.6	-0.9%	100.0%	68.6	68.8	0.2	0.3%	100.0%	62.7	62.6	-0.1	-0.2%

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

•		,	,		Mon	thly Temp	erature (DI	EG-F)			,	
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	60.6	52.4	45.6	44.8	49.5	54.2	60.5	66.0	70.3	72.1	71.6	67.6
Alternative A	60.5	52.4	45.6	44.9	49.5	54.3	60.6	66.1	70.2	71.6	71.4	67.4
Difference	-0.2	0.0	0.1	0.0	0.0	0.1	0.1	0.1	-0.1	-0.5	-0.1	-0.2
Percent Difference ³	-0.3%	0.0%	0.1%	0.1%	0.1%	0.2%	0.1%	0.1%	-0.1%	-0.7%	-0.2%	-0.39
				Water Y	ear Types	2						
Wet (32%)												
No Action Alternative	60.1	52.9	46.1	45.8	49.5	53.1	58.4	64.3	69.3	72.4	71.5	65.4
Alternative A	59.9	52.8	46.2	45.8	49.5	53.1	58.4	64.3	69.1	72.0	71.7	65.2
Difference	-0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.2	-0.4	0.2	-0.2
Percent Difference	-0.3%	-0.1%	0.2%	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.2%	-0.5%	0.2%	-0.39
Above Normal (15%)												
No Action Alternative	60.1	51.4	45.4	44.9	49.3	53.8	60.4	66.4	70.5	71.2	70.6	66.5
Alternative A	59.9	51.4	45.5	45.0	49.3	53.9	60.5	66.4	70.4	70.5	70.6	66.5
Difference	-0.3	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	-0.8	0.1	0.0
Percent Difference	-0.4%	0.1%	0.1%	0.1%	0.0%	0.1%	0.0%	0.0%	-0.1%	-1.1%	0.1%	0.0%
Below Normal (17%)												
No Action Alternative	60.5	52.3	45.6	44.2	48.9	54.3	61.0	66.4	70.5	72.2	71.6	69.2
Alternative A	60.2	52.4	45.6	44.2	48.9	54.5	61.0	66.4	70.5	71.4	71.6	68.9
Difference	-0.3	0.0	0.0	0.0	0.0	0.2	0.0	0.1	0.0	-0.7	-0.1	-0.3
Percent Difference	-0.5%	0.1%	0.1%	0.0%	0.1%	0.3%	0.0%	0.1%	0.0%	-1.0%	-0.1%	-0.59
Dry (22%)												
No Action Alternative	60.8	52.4	45.5	44.0	49.4	54.9	61.8	67.0	71.3	71.7	71.1	68.8
Alternative A	60.7	52.4	45.6	44.0	49.4	55.1	62.0	67.2	71.2	71.1	70.8	68.6
Difference	-0.1	0.0	0.1	0.0	0.0	0.2	0.2	0.2	-0.1	-0.5	-0.3	-0.3
Percent Difference	-0.2%	0.1%	0.1%	0.1%	0.1%	0.4%	0.4%	0.2%	-0.2%	-0.7%	-0.4%	-0.49
Critical (15%)		•	•			•	•	•			•	
No Action Alternative	62.3	52.4	44.6	44.5	50.4	55.5	62.5	67.3	70.2	73.2	73.1	69.7
Alternative A	62.2	52.3	44.7	44.6	50.5	55.7	62.6	67.3	70.1	72.9	72.2	69.5
Difference	-0.1	0.0	0.1	0.1	0.1	0.2	0.2	0.0	-0.1	-0.3	-0.9	-0.2
Percent Difference	-0.1%	-0.1%	0.1%	0.2%	0.2%	0.4%	0.3%	0.0%	-0.2%	-0.4%	-1.2%	-0.39

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



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

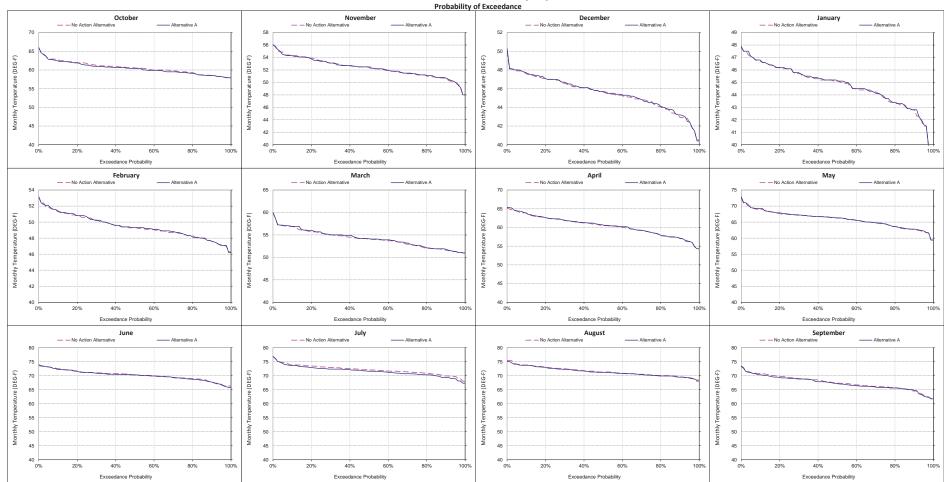


Table SQ-13-3b Sacramento River at Feather River, Monthly Temperature Probability of Exceedance

Poster P				
	Absolute	Absolute	ute	
Sect		Difference		Relative
100, 100	e (DEG-F) DI	(DEG-F)	-F) Differen	erence (%)
1.5% 646 848 1.00 0.00 0.00 1.2% 677 558 0.1 0.20 0.00 1.2% 675 475 475 1.2% 675 1.2% 675 475 1.2% 675	0.1	0.1	. 0.2	0.2%
2.50	0.0			0.0%
1.7% 62 62 62 62 62 62 62 62 62 62 62 62 62	0.0			0.0%
4Ph	0.3			0.6%
427. 62	0.0			0.0%
7.00	0.0	0.0	0.0	0.0%
BRN C2 C2 C3 C3 C5 C5 C5 C5 C5 C5	0.0			0.0%
90% 927 024 033 -0.0% 190% 94-3 S43 00 0 0.0% 190% 95-3 S43 00 0 0.0% 190% 95-3 S45 00 0 0 0.0% 190% 95-3 S45 00 0 0 0.0% 190% 95-3 S45 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0			0.0%
1270 C23 C2 C3 C2 C3 C2 C3 C2 C3 C2 C3 C2 C3 C4 C4 C5 C4	0.1			0.2%
1270 C23 C2 C3 C2 C3 C2 C3 C2 C3 C2 C3 C2 C3 C4 C4 C5 C4	0.0	0.0	0.0	0.0%
1470 622 623 0.0 0.0 0.0 1420 624 624 624 624 624 624 624 624 624 624	0.0	0.0	0.0	0.0%
1470 622 623 0.0 0.0 0.0 1470 624 624 625 0.0 0.0 0.0 1470 624 624 624 624 624 624 624 624 624 624	0.0	0.0	0.0	0.0%
172% 622 620 42 42 43% 742 641 642 43% 742 641 642 643 643 643 643 643 643 643 643 643 643	0.0			0.0%
1896 820 819 0.1 42% 1896 830 540 0.1 1.02% 1895 471 472 0.2 0.6 % 1896 442 442 1997 1997 1997 1997 1997 1997 1997 199	0.0			0.0%
1906. 020	0.1			0.2%
22.06	0.0			0.0%
22.56	0.0			0.0%
2.25% 919	0.1			0.2%
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Table SQ-13-3b Sacramento River at Feather River, Monthly Temperature Probability of Exceedance

										Probability	of Exceedance									
The column	Doroont		February			Doroont		March			Doroont		April			Doroont		May		
		No Action Alternative	Alternative A		Relative		No Action Alternative	Alternative A		Relative		No Action Alternative	Alternative A		Relative		No Action Alternative	Alternative A		Relative
Section Sect		Monthly Temperature	Monthly Temperature				Monthly Temperature	Monthly Temperature				Monthly Temperature	Monthly Temperature			Probability	Monthly Temperature	Monthly Temperature		
The column The	(%)					(%)					(%)					(%)				
240	0.0%				-0.2%	0.0%				-0.2%	0.0%					0.0%				0.7%
1.00																				
Color						3.7%				0.2%	3.7%					3.7%				0.6%
The 11		51.9										64.5			-0.2%		70.0			
The column																				
15																				
14 15 15 15 15 15 15 15																				
15																				
140. 011 011 02 000 440. 021 02 011 020 000 440. 021 021 020 021 020 021 020 020 020 020																				
March School Sc				0.1						1.2%	13.6%			0.1	0.2%				-0.2	-0.3%
17. 18.																				
1.00	16.0%	51.0	51.1	0.1		16.0%			0.1	0.2%	16.0%	62.9		0.1	0.2%	16.0%			0.0	0.0%
10 10 10 10 10 10 10 10																				
27. 00.5																				
200.				0.0	0.0%	21.0%										21.0%				
24.75 546 557 61 62.5 62.5 63.6 63.																				
2.50, 5.50	23.5%								0.1		23.5%									
272 603	24.7%			0.1		24.7%			0.3	0.5%	24.7%		62.3	0.0		24.7%	67.4		0.1	0.1%
24.00 50.0																				
200. 50.	28.4%	50.3		0.0							28.4%	62.2	62.1	-0.1					-0.1	
22 10	29.6%	50.3	50.2	-0.1	-0.2%	29.6%	55.0	55.1	0.1	0.2%	29.6%	62.0	61.9	-0.1	-0.2%	29.6%	67.3	67.2	-0.1	-0.1%
State Stat	30.9%	50.2		0.0		30.9%			0.0		30.9%					30.9%				
Math											32.1%									
300% 989 489																				
970h 608 608 00 000 005 970h 608 608 00 005 005 005 005 005 005 005 005 00											35.8%									
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407% 486 486 00 00 00% 407% 595 540 04 07% 407% 612 613 01 00% 407% 607 607 00 00% 100% 100% 100% 100% 100% 100%				0.0		38.3%			0.3	0.5%	38.3%			0.1	0.2%	38.3%				0.0%
40% 405 406 01 0.7% 42.7% 54.4 54.8 54.8 54.8 0.2 0.4% 42.7% 61.2 0.1 0.7% 42.7% 67.7 66.7 66.7 66.7 66.7 66.7 66.7 6																				
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49-5, 49-3 49-3 49-3 0.0 0/h, 49-8, 54-1 54-2 0.1 0.2h, 49-4, 69-6 60.7 0.1 0.2h, 49-4, 69-5 66-3 0.0 0.0h, 49-8, 69-3 0.0 0.0h, 49-8, 69-9,																				
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$\begin{array}{cccccccccccccccccccccccccccccccccccc$	81.5%	48.1	48.1	0.0	0.0%	81.5%	52.0	52.1	0.1	0.2%	81.5%	57.7	57.8	0.1	0.2%	81.5%	63.5	63.4	-0.1	-0.2%
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	100.0%	46.3	46.2	-0.1	-0.2%	100.0%	51.0	51.0	0.0	0.0%	100.0%	54.3	54.3	0.0	0.0%	100.0%	59.4	59.4	0.0	0.0%

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

August

September

Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (70)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (10)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (70)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (10)
0.0%	73.5	73.9	0.4	0.5%	0.0%	76.9	76.7	-0.2	-0.3%	0.0%	75.4	75.1	-0.3	-0.4%	0.0%	73.5	73.3	-0.2	-0.3%
1.2%	73.4	73.5	0.1	0.1%	1.2%	76.0	76.2	0.2	0.3%	1.2%	75.4	75.0	-0.4	-0.5%	1.2%	72.9	72.6	-0.3	-0.4%
2.5%	73.3	73.4	0.1	0.1%	2.5%	75.3	75.0	-0.3	-0.4%	2.5%	75.3	74.5	-0.8	-1.1%	2.5%	71.5	71.4	-0.1	-0.1%
3.7%	73.2	73.2	0.0	0.0%	3.7%	74.7	74.9	0.2	0.3%	3.7%	74.4	74.1	-0.3	-0.4%	3.7%	71.1	71.4	0.3	0.4%
4.9%	73.1	73.1	0.0	0.0%	4.9%	74.7	74.3	-0.4	-0.5%	4.9%	74.1	74.1	0.0	0.0%	4.9%	71.1	71.1	0.0	0.0%
6.2%	73.0	73.0	0.0	0.0%	6.2%	74.7	74.0	-0.7	-0.9%	6.2%	74.0	73.8	-0.2	-0.3%	6.2%	70.9	70.8	-0.1	-0.1%
7.4%	72.8	72.6	-0.2	-0.3%	7.4%	74.5	73.8	-0.7	-0.9%	7.4%	74.0	73.7	-0.3	-0.4%	7.4%	70.9	70.7	-0.2	-0.3%
8.6%	72.7	72.5	-0.2	-0.3%	8.6%	73.9	73.7	-0.2	-0.3%	8.6%	73.8	73.7	-0.1	-0.1%	8.6%	70.7	70.4	-0.3	-0.4%
9.9%	72.5	72.2	-0.3	-0.4%	9.9%	73.8	73.6	-0.2	-0.3%	9.9%	73.8	73.7	-0.1	-0.1%	9.9%	70.7	70.3	-0.4	-0.6%
11.1%	72.4	72.2	-0.2	-0.3%	11.1%	73.8	73.6	-0.2	-0.3%	11.1%	73.8	73.7	-0.1	-0.1%	11.1%	70.7	70.2	-0.5	-0.7%
12.3%	72.3	72.1	-0.2	-0.3%	12.3%	73.8	73.6	-0.2	-0.3%	12.3%	73.7	73.6	-0.1	-0.1%	12.3%	70.6	70.0	-0.6	-0.8%
13.6%	72.1	72.1	0.0	0.0%	13.6%	73.8	73.3	-0.5	-0.7%	13.6%	73.4	73.5	0.1	0.1%	13.6%	70.4	70.0	-0.4	-0.6%
14.8%	72.1	72.0	-0.1	-0.1%	14.8%	73.7	73.3	-0.4	-0.5%	14.8%	73.4	73.2	-0.2	-0.3%	14.8%	70.3	69.8	-0.5	-0.7%
16.0%	71.8	72.0	0.2	0.3%	16.0%	73.6	73.1	-0.5	-0.7%	16.0%	73.4	73.1	-0.3	-0.4%	16.0%	70.1	69.6	-0.5	-0.7%
17.3%	71.8	72.0	0.2	0.3%	17.3%	73.5	73.1	-0.4	-0.5%	17.3%	73.3	73.1	-0.2	-0.3%	17.3%	70.0	69.5	-0.5	-0.7%
18.5%	71.6	71.7	0.1	0.1%	18.5%	73.5	73.0	-0.5	-0.7%	18.5%	73.2	73.0	-0.2	-0.3%	18.5%	69.9	69.5	-0.4	-0.6%
19.8%	71.5	71.7	0.2	0.3%	19.8%	73.5	72.9	-0.6	-0.8%	19.8%	73.0	73.0	0.0	0.0%	19.8%	69.7	69.4	-0.3	-0.4%
21.0%	71.5	71.3	-0.2	-0.3%	21.0%	73.4	72.8	-0.6	-0.8%	21.0%	73.0	72.7	-0.3	-0.4%	21.0%	69.7	69.2	-0.5	-0.7%
22.2%	71.3	71.2	-0.1	-0.1%	22.2%	73.4	72.7	-0.7	-1.0%	22.2%	72.9	72.6	-0.3	-0.4%	22.2%	69.7	69.2	-0.5	-0.7%
23.5%	71.2	71.1	-0.1	-0.1%	23.5%	73.3	72.6	-0.7	-1.0%	23.5%	72.7	72.6	-0.1	-0.1%	23.5%	69.5	69.2	-0.3	-0.4%
24.7%	71.2	71.1	-0.1	-0.1%	24.7%	73.1	72.5	-0.6	-0.8%	24.7%	72.7	72.6	-0.1	-0.1%	24.7%	69.4	69.0	-0.4	-0.6%
25.9%	71.1	71.1	0.0	0.0%	25.9%	73.1	72.5	-0.6	-0.8%	25.9%	72.6	72.4	-0.2	-0.3%	25.9%	69.3	69.0	-0.3	-0.4%
27.2%	71.1	71.1	0.0	0.0%	27.2%	73.1	72.5	-0.6	-0.8%	27.2%	72.6	72.3	-0.3	-0.4%	27.2%	69.2	69.0	-0.2	-0.3%
28.4%	71.0	71.0	0.0	0.0%	28.4%	72.9	72.4	-0.5	-0.7%	28.4%	72.6	72.3	-0.3	-0.4%	28.4%	69.1	68.9	-0.2	-0.3%
29.6%	71.0	70.9	-0.1	-0.1%	29.6%	72.9	72.3	-0.6	-0.8%	29.6%	72.5	72.2	-0.3	-0.4%	29.6%	69.0	68.8	-0.2	-0.3%
30.9%	71.0	70.8	-0.2	-0.3%	30.9%	72.9	72.3	-0.6	-0.8%	30.9%	72.4	72.2	-0.2	-0.3%	30.9%	68.9	68.8	-0.1	-0.1%
32.1%	71.0	70.8	-0.2	-0.3%	32.1%	72.9	72.3	-0.6	-0.8%	32.1%	72.3	72.2	-0.1	-0.1%	32.1%	68.9	68.8	-0.1	-0.1%
33.3% 34.6%	70.8	70.7	-0.1	-0.1%	33.3%	72.8	72.3	-0.5	-0.7%	33.3% 34.6%	72.2	72.1	-0.1	-0.1%	33.3%	68.7	68.8 68.8	0.1	0.1%
	70.8	70.7	-0.1	-0.1%	34.6%	72.8	72.3	-0.5	-0.7%		72.1	72.0	-0.1 -0.3	-0.1%	34.6%	68.7		0.1	0.1%
35.8% 37.0%	70.8	70.5	-0.3 -0.2	-0.4%	35.8%	72.6	72.3	-0.3	-0.4%	35.8% 37.0%	72.1	71.8 71.7		-0.4%	35.8% 37.0%	68.6 68.5	68.7 68.5	0.1	0.1%
	70.7	70.5		-0.3%	37.0%	72.6	72.2	-0.4	-0.6%		72.0		-0.3	-0.4%		68.5	68.0	0.0 -0.5	0.0%
38.3% 39.5%	70.7 70.7	70.5 70.5	-0.2 -0.2	-0.3%	38.3% 39.5%	72.5	72.2 72.2	-0.3 -0.3	-0.4%	38.3% 39.5%	71.8	71.7 71.7	-0.1	-0.1%	38.3% 39.5%	68.5	67.9	-0.5	-0.7%
				-0.3%		72.5			-0.4%		71.8		-0.1	-0.1%		68.3	67.8		-0.9%
40.7% 42.0%	70.7 70.7	70.4 70.4	-0.3 -0.3	-0.4% -0.4%	40.7% 42.0%	72.5 72.4	72.0 72.0	-0.5 -0.4	-0.7% -0.6%	40.7% 42.0%	71.7 71.6	71.6 71.5	-0.1 -0.1	-0.1% -0.1%	40.7% 42.0%	68.2	67.8	-0.5 -0.4	-0.7% -0.6%
43.2%	70.7	70.4	-0.3	-0.4%	43.2%	72.4	71.9	-0.5	-0.7%	43.2%	71.6	71.3	-0.1	-0.4%	43.2%	67.9	67.8	-0.4	-0.1%
44.4%	70.6	70.4	-0.2	-0.4%	44.4%	72.3	71.9	-0.4	-0.6%	44.4%	71.6	71.3	-0.3	-0.4%	44.4%	67.9	67.7	-0.1	-0.1%
45.7%	70.6	70.4	-0.2	-0.3%	45.7%	72.3	71.9	-0.4	-0.6%	45.7%	71.5	71.3	-0.2	-0.3%	45.7%	67.8	67.6	-0.2	-0.3%
46.9%	70.4	70.4	0.0	0.0%	46.9%	72.1	71.7	-0.4	-0.6%	46.9%	71.4	71.2	-0.2	-0.3%	46.9%	67.6	67.5	-0.1	-0.1%
48.1%	70.4	70.4	-0.1	-0.1%	48.1%	72.1	71.7	-0.4	-0.6%	48.1%	71.3	71.2	-0.2	-0.1%	48.1%	67.5	67.3	-0.2	-0.1%
49.4%	70.3	70.3	0.0	0.0%	49.4%	72.1	71.6	-0.5	-0.7%	49.4%	71.3	71.2	-0.1	-0.1%	49.4%	67.5	67.2	-0.3	-0.4%
50.6%	70.2	70.3	0.1	0.1%	50.6%	72.0	71.6	-0.4	-0.6%	50.6%	71.3	71.2	-0.1	-0.1%	50.6%	67.3	67.1	-0.2	-0.3%
51.9%	70.2	70.2	0.0	0.0%	51.9%	72.0	71.6	-0.4	-0.6%	51.9%	71.3	71.1	-0.2	-0.3%	51.9%	67.3	67.0	-0.3	-0.4%
53.1%	70.1	70.1	0.0	0.0%	53.1%	72.0	71.5	-0.5	-0.7%	53.1%	71.3	71.1	-0.2	-0.3%	53.1%	67.2	66.9	-0.3	-0.4%
54.3%	70.1	70.1	0.0	0.0%	54.3%	71.8	71.5	-0.3	-0.4%	54.3%	71.2	71.0	-0.2	-0.3%	54.3%	67.2	66.9	-0.3	-0.4%
55.6%	70.1	70.0	-0.1	-0.1%	55.6%	71.8	71.5	-0.3	-0.4%	55.6%	71.1	71.0	-0.1	-0.1%	55.6%	67.2	66.7	-0.5	-0.7%
56.8%	70.1	70.0	-0.1	-0.1%	56.8%	71.8	71.4	-0.4	-0.6%	56.8%	71.0	70.9	-0.1	-0.1%	56.8%	67.0	66.6	-0.4	-0.6%
58.0%	70.1	69.9	-0.2	-0.3%	58.0%	71.7	71.3	-0.4	-0.6%	58.0%	71.0	70.8	-0.2	-0.3%	58.0%	66.9	66.5	-0.4	-0.6%
59.3%	70.0	69.9	-0.1	-0.1%	59.3%	71.7	71.3	-0.4	-0.6%	59.3%	70.9	70.8	-0.1	-0.1%	59.3%	66.7	66.4	-0.3	-0.4%
60.5%	69.9	69.9	0.0	0.0%	60.5%	71.6	71.1	-0.5	-0.7%	60.5%	70.8	70.8	0.0	0.0%	60.5%	66.7	66.4	-0.3	-0.4%
61.7%	69.9	69.7	-0.2	-0.3%	61.7%	71.6	71.1	-0.5	-0.7%	61.7%	70.8	70.7	-0.1	-0.1%	61.7%	66.6	66.3	-0.3	-0.5%
63.0%	69.8	69.7	-0.1	-0.1%	63.0%	71.6	71.0	-0.6	-0.8%	63.0%	70.7	70.7	0.0	0.0%	63.0%	66.5	66.2	-0.3	-0.5%
64.2%	69.8	69.7	-0.1	-0.1%	64.2%	71.6	70.9	-0.7	-1.0%	64.2%	70.7	70.7	0.0	0.0%	64.2%	66.4	66.2	-0.2	-0.3%
65.4%	69.6	69.7	0.1	0.1%	65.4%	71.5	70.9	-0.6	-0.8%	65.4%	70.7	70.7	0.0	0.0%	65.4%	66.4	66.2	-0.2	-0.3%
66.7%	69.6	69.6	0.0	0.0%	66.7%	71.5	70.8	-0.7	-1.0%	66.7%	70.6	70.6	0.0	0.0%	66.7%	66.3	66.1	-0.2	-0.3%
67.9%	69.5	69.6	0.1	0.1%	67.9%	71.4	70.7	-0.7	-1.0%	67.9%	70.5	70.5	0.0	0.0%	67.9%	66.2	66.1	-0.1	-0.2%
69.1%	69.4	69.5	0.1	0.1%	69.1%	71.4	70.7	-0.7	-1.0%	69.1%	70.5	70.4	-0.1	-0.1%	69.1%	66.2	66.0	-0.2	-0.3%
70.4%	69.4	69.2	-0.2	-0.3%	70.4%	71.3	70.7	-0.6	-0.8%	70.4%	70.5	70.4	-0.1	-0.1%	70.4%	66.1	65.9	-0.2	-0.3%
71.6%	69.3	69.2	-0.1	-0.1%	71.6%	71.2	70.7	-0.5	-0.7%	71.6%	70.4	70.3	-0.1	-0.1%	71.6%	66.1	65.8	-0.3	-0.5%
72.8%	69.2	69.2	0.0	0.0%	72.8%	71.2	70.6	-0.6	-0.8%	72.8%	70.3	70.2	-0.1	-0.1%	72.8%	66.1	65.8	-0.3	-0.5%
74.1%	69.2	69.1	-0.1	-0.1%	74.1%	71.1	70.6	-0.5	-0.7%	74.1%	70.3	70.2	-0.1	-0.1%	74.1%	66.0	65.7	-0.3	-0.5%
75.3%	69.2	69.0	-0.2	-0.3%	75.3%	71.1	70.5	-0.6	-0.8%	75.3%	70.2	70.1	-0.1	-0.1%	75.3%	66.0	65.7	-0.3	-0.5%
76.5%	69.0	68.9	-0.1	-0.1%	76.5%	71.1	70.4	-0.7	-1.0%	76.5%	70.2	70.1	-0.1	-0.1%	76.5%	65.9	65.7	-0.2	-0.3%
77.8%	69.0	68.8	-0.2	-0.3%	77.8%	71.0	70.4	-0.6	-0.8%	77.8%	70.1	70.0	-0.1	-0.1%	77.8%	65.8	65.6	-0.2	-0.3%
79.0%	69.0	68.8	-0.2	-0.3%	79.0%	70.9	70.3	-0.6	-0.8%	79.0%	70.1	69.9	-0.2	-0.3%	79.0%	65.8	65.6	-0.2	-0.3%
80.2%	69.0	68.7	-0.3	-0.4%	80.2%	70.8	70.3	-0.5	-0.7%	80.2%	70.1	69.9	-0.2	-0.3%	80.2%	65.8	65.6	-0.2	-0.3%
81.5%	68.9	68.7	-0.2	-0.3%	81.5%	70.8	70.3	-0.5	-0.7%	81.5%	70.0	69.9	-0.1	-0.1%	81.5%	65.5	65.6	0.1	0.2%
82.7%	68.8	68.6	-0.2	-0.3%	82.7%	70.6	70.2	-0.4	-0.6%	82.7%	70.0	69.9	-0.1	-0.1%	82.7%	65.5	65.5	0.0	0.0%
84.0%	68.8	68.4	-0.4	-0.6%	84.0%	70.6	70.1	-0.5	-0.7%	84.0%	70.0	69.9	-0.1	-0.1%	84.0%	65.4	65.3	-0.1	-0.2%
85.2%	68.6	68.4	-0.2	-0.3%	85.2%	70.5	69.9	-0.6	-0.9%	85.2%	69.9	69.9	0.0	0.0%	85.2%	65.2	65.3	0.1	0.2%
86.4%	68.6	68.2	-0.4	-0.6%	86.4%	70.4	69.8 69.4	-0.6	-0.9%	86.4%	69.9	69.8	-0.1	-0.1%	86.4%	65.2	65.1	-0.1	-0.2%
87.7%	68.2	68.0	-0.2	-0.3%	87.7%	70.2		-0.8	-1.1%	87.7%	69.9	69.6	-0.3	-0.4%	87.7%	64.8	65.1	0.3	0.5%
88.9%	67.8	67.8	0.0	0.0%	88.9%	69.9 69.9	69.3 69.3	-0.6	-0.9%	88.9%	69.7	69.5	-0.2	-0.3%	88.9%	64.6 64.5	65.1 64.7	0.5	0.8%
90.1%	67.7	67.7	0.0	0.0%	90.1%			-0.6	-0.9%	90.1%	69.5	69.5	0.0	0.0%	90.1%			0.2	0.3%
91.4% 92.6%	67.3 67.3	67.5 67.1	0.2 -0.2	0.3%	91.4% 92.6%	69.9 69.8	69.3 69.0	-0.6 -0.8	-0.9%	91.4% 92.6%	69.5 69.4	69.5 69.3	0.0	0.0% -0.1%	91.4% 92.6%	64.5 63.8	64.6 63.5	0.1	0.2%
		67.1				69.8	68.9		-1.1%		69.4	69.3	-0.1					-0.3	-0.5%
93.8% 95.1%	67.2 66.9	67.1 66.7	-0.1 -0.2	-0.1% -0.3%	93.8% 95.1%	69.7 69.7	68.9 68.9	-0.8 -0.8	-1.1% -1.1%	93.8% 95.1%	69.4 69.3	69.3 69.1	-0.1 -0.2	-0.1% -0.3%	93.8% 95.1%	63.5 63.0	63.2 62.7	-0.3 -0.3	-0.5% -0.5%
95.1% 96.3%	66.4	66.3		-0.3%	95.1% 96.3%	69.7	68.9	-0.8			69.3	68.9		-0.3%	95.1% 96.3%	62.6	62.4		-0.5%
96.3%	66.3	66.0	-0.1 -0.3	-0.2% -0.5%	96.3%	68.9	68.1	-0.9	-1.3% -1.2%	96.3% 97.5%	69.1	68.8	-0.2 0.1	-0.3% 0.1%	96.3%	62.4	62.3	-0.2 -0.1	-0.3%
97.5%	66.3	65.8	-0.5	-0.5%	97.5%	68.0	67.3	-0.8	-1.2%	97.5%	68.0	68.4	0.1	0.1%	97.5%	61.8	61.7	-0.1	-0.2%
100.0%	66.3	65.8	-0.5	-0.8%	100.0%	68.0	67.3			100.0%	68.0	68.4			100.0%	61.8	61.7	-0.1	-0.2%
100.0%	00.3	00.0	*0.0	*0.070	100.0%	00.0	07.3	-0.7	-1.0%	100.0%	00.0	00.4	0.4	0.6%	100.0%	01.0	01.7	*0.1	*0.270

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

•					Mon	thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	61.2	53.2	45.8	45.0	49.7	54.5	60.7	66.2	70.4	72.5	72.0	68.1
Alternative A	61.0	53.1	45.9	45.0	49.7	54.6	60.8	66.2	70.4	72.2	71.9	67.9
Difference	-0.2	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	-0.3	-0.2	-0.2
Percent Difference ³	-0.3%	-0.1%	0.1%	0.1%	0.1%	0.2%	0.1%	0.0%	0.0%	-0.4%	-0.2%	-0.3%
				Water Y	ear Types	2						
Vet (32%)												
No Action Alternative	60.7	53.8	46.4	45.9	49.5	53.4	58.6	64.4	69.0	72.6	72.0	66.2
Alternative A	60.5	53.7	46.5	45.9	49.5	53.4	58.6	64.4	68.9	72.4	72.0	66.1
Difference	-0.2	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	0.0	-0.2
Percent Difference	-0.3%	-0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.3%	0.0%	-0.39
Above Normal (15%)												
No Action Alternative	60.5	52.1	45.6	45.1	49.5	54.1	60.6	66.4	70.6	71.5	71.1	67.1
Alternative A	60.3	52.0	45.7	45.2	49.5	54.1	60.6	66.4	70.6	71.1	71.0	67.1
Difference	-0.2	-0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.4	0.0	0.0
Percent Difference	-0.3%	-0.1%	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	-0.6%	0.0%	0.0%
Below Normal (17%)												
No Action Alternative	60.9	53.1	45.9	44.3	49.0	54.6	61.2	66.2	70.7	72.1	72.2	69.4
Alternative A	60.7	53.2	45.9	44.3	49.0	54.8	61.1	66.2	70.7	71.9	72.0	69.1
Difference	-0.2	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	-0.2	-0.1	-0.4
Percent Difference	-0.4%	0.1%	0.1%	0.1%	0.1%	0.3%	0.0%	0.0%	0.1%	-0.2%	-0.2%	-0.5%
Dry (22%)												
No Action Alternative	61.4	53.2	45.8	44.2	49.7	55.3	62.0	67.3	71.7	72.2	71.6	69.1
Alternative A	61.3	53.2	45.9	44.2	49.7	55.5	62.2	67.4	71.7	71.8	71.4	68.9
Difference	-0.1	0.0	0.1	0.0	0.1	0.2	0.2	0.1	0.0	-0.3	-0.2	-0.2
Percent Difference	-0.2%	-0.1%	0.2%	0.0%	0.1%	0.4%	0.3%	0.1%	-0.1%	-0.5%	-0.3%	-0.3%
Critical (15%)												
No Action Alternative	63.0	52.9	44.7	44.8	51.0	56.1	62.9	67.7	70.9	73.9	73.4	70.0
Alternative A	62.9	52.9	44.8	44.8	51.1	56.2	62.9	67.8	70.9	73.6	72.7	69.7
Difference	-0.1	-0.1	0.0	0.1	0.1	0.2	0.0	0.0	0.0	-0.2	-0.7	-0.2
Percent Difference	-0.1%	-0.1%	0.1%	0.2%	0.2%	0.3%	0.1%	0.0%	0.0%	-0.3%	-1.0%	-0.49

1 Based on the 82-year simulation period

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



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

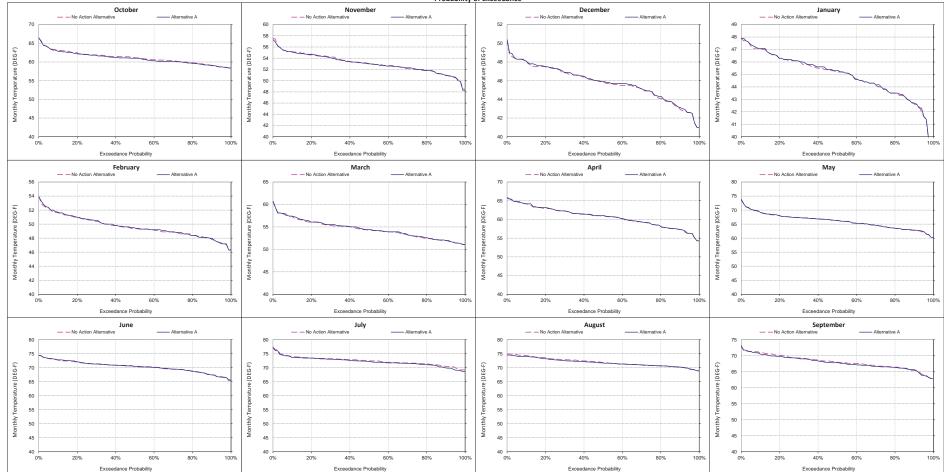


Table SQ-14-3b Sacramento River at Freeport, Monthly Temperature Probability of Exceedance

								ou.	Probability o	f Exceedance	aturo								
Percent		October			Percent		November			Percent		December			Percent		January		
Exceedance	No Action Alternative		Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative
Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)
0.0%	66.3	66.5	0.2	0.3%	0.0%	57.6	57.3	-0.3	-0.5%	0.0%	50.3	50.4	0.1	0.2%	0.0%	47.9	47.9	0.0	0.0%
1.2%	65.7	65.4	-0.3	-0.5%	1.2%	57.4	56.9	-0.5	-0.9%	1.2%	48.8	49.0	0.2	0.4%	1.2%	47.7	47.9	0.2	0.4%
2.5% 3.7%	64.5 64.3	64.4 64.3	-0.1 0.0	-0.2% 0.0%	2.5% 3.7%	56.2 55.9	56.2 55.9	0.0	0.0%	2.5% 3.7%	48.6 48.4	48.9 48.5	0.3	0.6%	2.5% 3.7%	47.7 47.6	47.7 47.6	0.0	0.0%
4.9%	63.9	63.9	0.0	0.0%	4.9%	55.4	55.5	0.1	0.2%	4.9%	48.4	48.3	-0.1	-0.2%	4.9%	47.3	47.4	0.1	0.2%
6.2%	63.5	63.4	-0.1	-0.2%	6.2%	55.4	55.4	0.0	0.0%	6.2%	48.3	48.3	0.0	0.0%	6.2%	47.1	47.3	0.2	0.4%
7.4% 8.6%	63.4 63.3	63.2 63.2	-0.2 -0.1	-0.3% -0.2%	7.4% 8.6%	55.2 55.2	55.2 55.2	0.0	0.0%	7.4% 8.6%	48.3 48.3	48.3 48.2	0.0 -0.1	0.0% -0.2%	7.4% 8.6%	47.1 47.1	47.2 47.1	0.1	0.2%
9.9%	63.1	62.9	-0.1	-0.3%	9.9%	55.2	55.1	-0.1	-0.2%	9.9%	48.1	48.1	0.0	0.0%	9.9%	47.1	47.1	0.0	0.0%
11.1%	63.1	62.8	-0.3	-0.5%	11.1%	55.1	55.0	-0.1	-0.2%	11.1%	47.9	47.8	-0.1	-0.2%	11.1%	47.0	47.1	0.1	0.2%
12.3% 13.6%	63.0 63.0	62.7 62.7	-0.3 -0.3	-0.5% -0.5%	12.3% 13.6%	55.1 55.1	54.9 54.8	-0.2 -0.3	-0.4% -0.5%	12.3% 13.6%	47.6 47.5	47.8 47.8	0.2	0.4%	12.3% 13.6%	47.0 46.8	47.1 46.8	0.1	0.2%
14.8%	62.9	62.6	-0.3	-0.5%	14.8%	55.1	54.8	-0.3	-0.5%	14.8%	47.5 47.5	47.7	0.3	0.6%	14.8%	46.7	46.6	0.0	0.0%
16.0%	62.8	62.6	-0.2	-0.3%	16.0%	54.9	54.8	-0.1	-0.2%	16.0%	47.5	47.6	0.1	0.2%	16.0%	46.6	46.6	0.0	0.0%
17.3% 18.5%	62.5 62.5	62.5 62.3	0.0	0.0%	17.3% 18.5%	54.8 54.6	54.7 54.7	-0.1 0.1	-0.2%	17.3%	47.5 47.5	47.6 47.6	0.1	0.2%	17.3% 18.5%	46.5 46.5	46.6 46.5	0.1	0.2%
18.5%	62.5	62.3	-0.2 -0.3	-0.3%	18.5%	54.b 54.6	54.7 54.7	0.1	0.2% 0.2%	18.5% 19.8%	47.5 47.5	47.6 47.5	0.1	0.2%	18.5%	46.5 46.3	46.5 46.3	0.0	0.0%
21.0%	62.2	62.1	-0.1	-0.2%	21.0%	54.6	54.7	0.1	0.2%	21.0%	47.4	47.5	0.1	0.2%	21.0%	46.3	46.3	0.0	0.0%
22.2%	62.1	62.1	0.0	0.0%	22.2%	54.6	54.5	-0.1	-0.2%	22.2%	47.4	47.4	0.0	0.0%	22.2%	46.2	46.2	0.0	0.0%
23.5% 24.7%	62.1 62.0	62.0 62.0	-0.1 0.0	-0.2% 0.0%	23.5% 24.7%	54.5 54.4	54.4 54.4	-0.1 0.0	-0.2% 0.0%	23.5% 24.7%	47.3 47.3	47.4 47.3	0.1	0.2%	23.5% 24.7%	46.2 46.1	46.2 46.2	0.0	0.0%
25.9%	62.0	61.9	-0.1	-0.2%	25.9%	54.4	54.3	-0.1	-0.2%	25.9%	47.2	47.3	0.0	0.2%	25.9%	46.1	46.2	0.1	0.2%
27.2%	61.9	61.8	-0.1	-0.2%	27.2%	54.4	54.3	-0.1	-0.2%	27.2%	47.2	47.2	0.0	0.0%	27.2%	46.1	46.1	0.0	0.0%
28.4%	61.9	61.8	-0.1	-0.2%	28.4%	54.3	54.2	-0.1	-0.2%	28.4%	46.9	47.1	0.2	0.4%	28.4%	46.1	46.1	0.0	0.0%
29.6% 30.9%	61.9 61.8	61.8 61.6	-0.1 -0.2	-0.2% -0.3%	29.6% 30.9%	54.3 54.2	54.1 54.0	-0.2 -0.2	-0.4% -0.4%	29.6% 30.9%	46.9 46.8	46.9 46.9	0.0	0.0%	29.6% 30.9%	46.1 46.0	46.1 46.0	0.0	0.0%
32.1%	61.8	61.6	-0.2	-0.3%	32.1%	54.2	53.9	-0.2	-0.4%	32.1%	46.7	46.9	0.1	0.4%	32.1%	45.8	46.0	0.0	0.4%
33.3%	61.8	61.6	-0.2	-0.3%	33.3%	53.8	53.7	-0.1	-0.2%	33.3%	46.7	46.8	0.1	0.2%	33.3%	45.8	45.9	0.1	0.2%
34.6%	61.7	61.5	-0.2	-0.3%	34.6%	53.8	53.7	-0.1	-0.2%	34.6%	46.6	46.6	0.0	0.0%	34.6%	45.8	45.8	0.0	0.0%
35.8% 37.0%	61.6 61.5	61.4 61.3	-0.2 -0.2	-0.3% -0.3%	35.8% 37.0%	53.7 53.6	53.6 53.6	-0.1 0.0	-0.2% 0.0%	35.8% 37.0%	46.6 46.5	46.6 46.6	0.0	0.0%	35.8% 37.0%	45.7 45.6	45.8 45.8	0.1	0.2%
38.3%	61.5	61.3	-0.2	-0.3%	38.3%	53.6	53.4	-0.2	-0.4%	38.3%	46.5	46.5	0.0	0.0%	38.3%	45.6	45.7	0.1	0.2%
39.5%	61.5	61.2	-0.3	-0.5%	39.5%	53.4	53.4	0.0	0.0%	39.5%	46.4	46.5	0.1	0.2%	39.5%	45.5	45.6	0.1	0.2%
40.7%	61.5	61.2	-0.3	-0.5%	40.7%	53.4	53.3	-0.1	-0.2%	40.7%	46.4	46.4	0.0	0.0%	40.7%	45.5	45.6	0.1	0.2%
42.0% 43.2%	61.5 61.4	61.1 61.1	-0.4 -0.3	-0.7% -0.5%	42.0% 43.2%	53.3 53.3	53.3 53.3	0.0	0.0%	42.0% 43.2%	46.2 46.1	46.2 46.2	0.0	0.0%	42.0% 43.2%	45.5 45.4	45.6 45.6	0.1 0.2	0.2%
44.4%	61.4	61.1	-0.3	-0.5%	44.4%	53.3	53.2	-0.1	-0.2%	44.4%	46.1	46.1	0.0	0.0%	44.4%	45.4	45.4	0.0	0.0%
45.7%	61.4	61.1	-0.3	-0.5%	45.7%	53.2	53.2	0.0	0.0%	45.7%	46.0	46.0	0.0	0.0%	45.7%	45.4	45.4	0.0	0.0%
46.9% 48.1%	61.4 61.2	61.1 61.0	-0.3 -0.2	-0.5% -0.3%	46.9% 48.1%	53.2 53.2	53.1 53.1	-0.1 -0.1	-0.2% -0.2%	46.9% 48.1%	46.0 46.0	46.0 45.9	0.0 -0.1	0.0% -0.2%	46.9% 48.1%	45.3 45.3	45.4 45.3	0.1	0.2%
49.4%	61.2	61.0	-0.2	-0.3%	49.4%	53.1	53.0	-0.1	-0.2%	49.4%	45.8	45.9 45.9	0.1	0.2%	49.4%	45.3 45.2	45.3	0.0	0.0%
50.6%	61.1	61.0	-0.1	-0.2%	50.6%	53.0	53.0	0.0	0.0%	50.6%	45.8	45.9	0.1	0.2%	50.6%	45.2	45.3	0.1	0.2%
51.9%	61.1	61.0	-0.1	-0.2%	51.9%	53.0	52.9	-0.1	-0.2%	51.9%	45.7	45.8	0.1	0.2%	51.9%	45.2	45.2	0.0	0.0%
53.1% 54.3%	60.9 60.9	60.9 60.6	-0.3	0.0%	53.1% 54.3%	52.9 52.9	52.9 52.9	0.0	0.0%	53.1% 54.3%	45.7 45.7	45.8 45.7	0.1	0.2%	53.1% 54.3%	45.2 45.1	45.2 45.1	0.0	0.0%
55.6%	60.8	60.6	-0.2	-0.3%	55.6%	52.9	52.7	-0.2	-0.4%	55.6%	45.6	45.7	0.1	0.2%	55.6%	45.1	45.1	0.0	0.0%
56.8%	60.7	60.5	-0.2	-0.3%	56.8%	52.8	52.7	-0.1	-0.2%	56.8%	45.6	45.7	0.1	0.2%	56.8%	45.0	45.0	0.0	0.0%
58.0%	60.6	60.4	-0.2	-0.3%	58.0%	52.7	52.7	0.0	0.0%	58.0%	45.5	45.7	0.2	0.4%	58.0%	44.8 44.7	44.9	0.1	0.2%
59.3% 60.5%	60.6 60.6	60.3 60.3	-0.3 -0.3	-0.5% -0.5%	59.3% 60.5%	52.7 52.7	52.6 52.6	-0.1 -0.1	-0.2% -0.2%	59.3% 60.5%	45.5 45.5	45.7 45.7	0.2	0.4%	59.3% 60.5%	44.7	44.6 44.6	-0.1 0.0	-0.2% 0.0%
61.7%	60.5	60.2	-0.3	-0.5%	61.7%	52.7	52.6	-0.1	-0.2%	61.7%	45.5	45.7	0.2	0.4%	61.7%	44.5	44.5	0.0	0.0%
63.0%	60.5	60.2	-0.3	-0.5%	63.0%	52.6	52.5	-0.1	-0.2%	63.0%	45.5	45.6	0.1	0.2%	63.0%	44.5	44.5	0.0	0.0%
64.2%	60.5 60.5	60.2	-0.3	-0.5%	64.2%	52.5	52.5 52.5	0.0	0.0%	64.2%	45.5	45.6	0.1	0.2%	64.2%	44.4 44.4	44.4 44.4	0.0	0.0%
65.4% 66.7%	60.4	60.2 60.1	-0.3 -0.3	-0.5% -0.5%	65.4% 66.7%	52.5 52.4	52.5	0.0	0.0%	65.4% 66.7%	45.4 45.3	45.5 45.5	0.1	0.2%	65.4% 66.7%	44.4	44.4	0.0	0.0%
67.9%	60.4	60.1	-0.3	-0.5%	67.9%	52.3	52.4	0.1	0.2%	67.9%	45.3	45.3	0.0	0.0%	67.9%	44.3	44.3	0.0	0.0%
69.1%	60.4	60.1	-0.3	-0.5%	69.1%	52.2	52.3	0.1	0.2%	69.1%	45.2	45.2	0.0	0.0%	69.1%	44.3	44.3	0.0	0.0%
70.4% 71.6%	60.3 60.2	60.1 60.1	-0.2 -0.1	-0.3% -0.2%	70.4% 71.6%	52.1 52.1	52.3 52.3	0.2	0.4%	70.4% 71.6%	45.1 45.0	45.1 44.9	-0.1	0.0%	70.4% 71.6%	44.2 44.2	44.1 44.0	-0.1 -0.2	-0.2%
71.6%	60.1	60.0	-0.1	-0.2%	71.6%	52.1 52.0	52.3 52.2	0.2	0.4%	71.6%	45.0 44.9	44.9 44.9	-0.1	0.0%	71.6%	44.2 44.0	44.0 44.0	0.0	0.0%
74.1%	60.1	60.0	-0.1	-0.2%	74.1%	52.0	52.1	0.1	0.2%	74.1%	44.9	44.9	0.0	0.0%	74.1%	43.9	43.8	-0.1	-0.2%
75.3%	60.0	59.9	-0.1	-0.2%	75.3%	52.0	52.0	0.0	0.0%	75.3%	44.9	44.8	-0.1	-0.2%	75.3%	43.8	43.8	0.0	0.0%
76.5% 77.8%	60.0 59.9	59.8 59.7	-0.2 -0.2	-0.3% -0.3%	76.5% 77.8%	51.8 51.8	52.0 52.0	0.2	0.4%	76.5% 77.8%	44.4 44.3	44.5 44.4	0.1	0.2%	76.5% 77.8%	43.6 43.5	43.6 43.5	0.0	0.0%
79.0%	59.9	59.7	-0.2	-0.3%	79.0%	51.8	51.8	0.0	0.0%	79.0%	44.1	44.3	0.1	0.5%	79.0%	43.5	43.5	0.0	0.0%
80.2%	59.8	59.6	-0.2	-0.3%	80.2%	51.8	51.8	0.0	0.0%	80.2%	44.1	44.3	0.2	0.5%	80.2%	43.5	43.5	0.0	0.0%
81.5%	59.7 59.7	59.6	-0.1	-0.2%	81.5%	51.8	51.8	0.0	0.0%	81.5%	44.0	44.0	0.0	0.0%	81.5%	43.4	43.5	0.1	0.2%
82.7% 84.0%	59.7 59.5	59.5 59.4	-0.2 -0.1	-0.3% -0.2%	82.7% 84.0%	51.7 51.6	51.8 51.6	0.1	0.2%	82.7% 84.0%	43.9 43.8	43.8 43.8	-0.1 0.0	-0.2% 0.0%	82.7% 84.0%	43.3 43.3	43.4 43.4	0.1 0.1	0.2%
85.2%	59.5	59.3	-0.2	-0.3%	85.2%	51.3	51.3	0.0	0.0%	85.2%	43.7	43.8	0.1	0.2%	85.2%	43.2	43.2	0.0	0.0%
86.4%	59.3	59.2	-0.1	-0.2%	86.4%	51.2	51.3	0.1	0.2%	86.4%	43.5	43.6	0.1	0.2%	86.4%	43.0	43.0	0.0	0.0%
87.7% 88.9%	59.3 59.2	59.2 59.1	-0.1 -0.1	-0.2% -0.2%	87.7% 88.9%	51.2 51.1	51.2 51.1	0.0	0.0%	87.7% 88.9%	43.3 43.3	43.4 43.2	-0.1	-0.2%	87.7% 88.9%	42.9 42.8	42.9 42.7	0.0 -0.1	-0.2%
88.9% 90.1%	59.2 59.1	59.1 59.0	-0.1 -0.1	-0.2% -0.2%	88.9% 90.1%	51.1 51.0	51.1 50.9	-0.1	-0.2%	88.9% 90.1%	43.3 42.9	43.2 43.1	-0.1 0.2	-0.2% 0.5%	88.9% 90.1%	42.8 42.6	42.7 42.7	-0.1 0.1	-0.2% 0.2%
91.4%	59.0	59.0	0.0	0.0%	91.4%	50.8	50.9	0.1	0.2%	91.4%	42.8	43.0	0.2	0.5%	91.4%	42.6	42.6	0.0	0.0%
92.6%	58.8	58.9	0.1	0.2%	92.6%	50.8	50.8	0.0	0.0%	92.6%	42.8	42.9	0.1	0.2%	92.6%	42.4	42.3	-0.1	-0.2%
93.8% 95.1%	58.7 58.7	58.7 58.7	0.0	0.0%	93.8% 95.1%	50.6 50.5	50.7 50.6	0.1 0.1	0.2%	93.8% 95.1%	42.6 42.6	42.6 42.6	0.0	0.0%	93.8% 95.1%	42.0 41.6	42.3 41.6	0.3	0.7%
95.1% 96.3%	58.7 58.6	58.7 58.6	0.0	0.0%	95.1% 96.3%	50.5 50.2	50.6 50.0	-0.1	-0.4%	95.1% 96.3%	42.6 42.5	42.6 42.5	0.0	0.0%	95.1% 96.3%	41.6 41.4	41.6	0.0	0.0%
97.5%	58.5	58.6	0.1	0.2%	97.5%	49.9	49.9	0.0	0.0%	97.5%	41.5	41.5	0.0	0.0%	97.5%	39.7	39.7	0.0	0.0%
98.8%	58.4	58.4	0.0	0.0%	98.8%	48.5	48.3	-0.2	-0.4%	98.8%	41.0	41.0	0.0	0.0%	98.8%	39.2	39.2	0.0	0.0%
100.0%	58.4	58.4	0.0	0.0%	100.0%	48.5	48.3	-0.2	-0.4%	100.0%	41.0	41.0	0.0	0.0%	100.0%	39.2	39.2	0.0	0.0%

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

									Probability	of Exceedance									
Percent		February			Percent		March			Percent		April			Percent		May		
Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative
Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)
0.0%	(DEG-F) 54.0	(DEG-F) 53.9	-0.1	-0.2%	0.0%	(DEG-F) 60.7	(DEG-F) 60.7	0.0	0.0%		(DEG-F) 65.6	(DEG-F) 65.9	0.3	0.5%	(%) 0.0%	(DEG-F) 73.7	(DEG-F) 73.9	0.2	0.3%
1.2%	53.0	53.3	0.3	0.6%	1.2%	59.5	59.4	-0.1	-0.2%	1.2%	65.5	65.5	0.0	0.0%	1.2%	72.3	72.3	0.0	0.0%
2.5%	52.6	52.8	0.2	0.4%	2.5%	58.2	58.1	-0.1	-0.2%	2.5%	65.4	65.2	-0.2	-0.3%	2.5%	71.1	71.2	0.1	0.1%
3.7%	52.4	52.5	0.1	0.2%	3.7%	58.0	58.1	0.1	0.2%	3.7%	64.9	64.8	-0.1	-0.2%	3.7%	70.8	71.0	0.2	0.3%
4.9% 6.2%	52.4 52.0	52.4 52.0	0.0	0.0%	4.9% 6.2%	58.0 57.7	58.0 58.0	0.0	0.0%	4.9% 6.2%	64.8 64.5	64.8 64.8	0.0	0.0%	4.9% 6.2%	70.4 69.9	70.3 70.1	-0.1 0.2	-0.1% 0.3%
7.4%	51.7	52.0	0.3	0.6%	7.4%	57.5	57.6	0.1	0.2%	7.4%	64.4	64.5	0.1	0.2%	7.4%	69.8	69.9	0.1	0.1%
8.6%	51.7	51.8	0.1	0.2%	8.6%	57.4	57.4	0.0	0.0%	8.6%	64.3	64.3	0.0	0.0%	8.6%	69.6	69.8	0.2	0.3%
9.9%	51.6	51.7	0.1	0.2%	9.9%	57.4	57.4	0.0	0.0%	9.9%	64.2	64.2	0.0	0.0%	9.9%	69.2	69.2	0.0	0.0%
11.1% 12.3%	51.6 51.4	51.6 51.6	0.0	0.0%	11.1% 12.3%	56.9 56.8	57.3 57.1	0.4	0.7%	11.1% 12.3%	64.0 63.8	64.2 64.2	0.2	0.3%	11.1% 12.3%	69.0 68.8	68.9 68.7	-0.1 -0.1	-0.1% -0.1%
13.6%	51.3	51.4	0.2	0.4%	13.6%	56.6	56.8	0.3	0.4%	13.6%	63.3	63.4	0.4	0.2%	13.6%	68.6	68.6	0.0	0.0%
14.8%	51.3	51.3	0.0	0.0%	14.8%	56.6	56.7	0.1	0.2%	14.8%	63.3	63.4	0.1	0.2%	14.8%	68.4	68.6	0.2	0.3%
16.0%	51.2	51.2	0.0	0.0%	16.0%	56.3	56.6	0.3	0.5%	16.0%	63.3	63.2	-0.1	-0.2%	16.0%	68.3	68.4	0.1	0.1%
17.3% 18.5%	51.1 51.0	51.2 51.1	0.1 0.1	0.2% 0.2%	17.3% 18.5%	56.2 56.1	56.4 56.4	0.2	0.4%	17.3% 18.5%	63.2 63.0	63.2 63.2	0.0 0.2	0.0%	17.3% 18.5%	68.3 68.1	68.4 68.3	0.1	0.1%
19.8%	51.0	51.0	0.0	0.0%	19.8%	56.1	56.1	0.0	0.0%	19.8%	63.0	63.2	0.2	0.3%	19.8%	68.1	68.0	-0.1	-0.1%
21.0%	51.0	50.9	-0.1	-0.2%	21.0%	56.1	56.1	0.0	0.0%	21.0%	62.9	63.1	0.2	0.3%	21.0%	67.8	67.8	0.0	0.0%
22.2%	50.8	50.8	0.0	0.0%	22.2%	56.1	56.1	0.0	0.0%	22.2%	62.9	62.9	0.0	0.0%	22.2%	67.7	67.7	0.0	0.0%
23.5% 24.7%	50.7 50.7	50.8 50.7	0.1	0.2% 0.0%	23.5% 24.7%	56.0 55.8	56.1 56.0	0.1	0.2%	23.5% 24.7%	62.8 62.6	62.8 62.6	0.0	0.0%	23.5% 24.7%	67.7 67.6	67.6 67.6	-0.1 0.0	-0.1% 0.0%
25.9%	50.7	50.6	-0.1	-0.2%	25.9%	55.6	55.8	0.2	0.4%	25.9%	62.4	62.4	0.0	0.0%	25.9%	67.5	67.5	0.0	0.0%
27.2%	50.6	50.6	0.0	0.0%	27.2%	55.5	55.6	0.1	0.2%	27.2%	62.4	62.3	-0.1	-0.2%	27.2%	67.5	67.4	-0.1	-0.1%
28.4%	50.5	50.6	0.1	0.2%	28.4%	55.5	55.6	0.1	0.2%	28.4%	62.3	62.3	0.0	0.0%	28.4%	67.4	67.4	0.0	0.0%
29.6% 30.9%	50.4 50.4	50.5 50.5	0.1	0.2% 0.2%	29.6% 30.9%	55.4 55.3	55.5 55.5	0.1	0.2%	29.6% 30.9%	62.3 62.2	62.3 62.2	0.0	0.0%	29.6% 30.9%	67.3 67.3	67.4 67.3	0.1	0.1%
32.1%	50.4	50.2	0.0	0.0%	32.1%	55.2	55.5	0.2	0.5%	32.1%	62.0	62.1	0.0	0.0%	32.1%	67.2	67.2	0.0	0.0%
33.3%	50.1	50.1	0.0	0.0%	33.3%	55.2	55.3	0.1	0.2%	33.3%	61.7	61.8	0.1	0.2%	33.3%	67.2	67.2	0.0	0.0%
34.6%	50.0	50.0	0.0	0.0%	34.6%	55.2	55.3	0.1	0.2%	34.6%	61.6	61.6	0.0	0.0%	34.6%	67.1	67.2	0.1	0.1%
35.8% 37.0%	50.0 49.9	50.0 50.0	0.0	0.0%	35.8% 37.0%	55.2 55.2	55.2 55.2	0.0	0.0%	35.8% 37.0%	61.6 61.5	61.6 61.6	0.0	0.0%	35.8% 37.0%	67.1 67.0	67.0 67.0	-0.1 0.0	-0.1% 0.0%
38.3%	49.8	50.0	0.2	0.4%	38.3%	55.1	55.2	0.1	0.2%	38.3%	61.4	61.5	0.1	0.2%	38.3%	67.0	66.9	-0.1	-0.1%
39.5%	49.8	49.8	0.0	0.0%	39.5%	55.1	55.1	0.0	0.0%	39.5%	61.4	61.5	0.1	0.2%	39.5%	67.0	66.9	-0.1	-0.1%
40.7%	49.8	49.8	0.0	0.0%	40.7%	55.0	55.0	0.0	0.0%	40.7%	61.4	61.4	0.0	0.0%	40.7%	66.9	66.8	-0.1	-0.1%
42.0% 43.2%	49.7 49.6	49.7 49.7	0.0	0.0%	42.0% 43.2%	54.9 54.7	55.0 55.0	0.1	0.2% 0.5%	42.0% 43.2%	61.3 61.3	61.4 61.4	0.1 0.1	0.2%	42.0% 43.2%	66.8 66.8	66.7 66.7	-0.1 -0.1	-0.1% -0.1%
44.4%	49.6	49.6	0.0	0.0%	44.4%	54.6	54.8	0.2	0.4%	44.4%	61.0	61.2	0.1	0.3%	44.4%	66.7	66.7	0.0	0.0%
45.7%	49.6	49.6	0.0	0.0%	45.7%	54.5	54.7	0.2	0.4%	45.7%	61.0	61.0	0.0	0.0%	45.7%	66.6	66.6	0.0	0.0%
46.9%	49.5	49.6	0.1	0.2%	46.9%	54.4	54.5	0.1	0.2%	46.9%	61.0	61.0	0.0	0.0%	46.9%	66.4	66.5	0.1	0.2%
48.1% 49.4%	49.4 49.4	49.5 49.5	0.1 0.1	0.2% 0.2%	48.1% 49.4%	54.4 54.3	54.4 54.4	0.0 0.1	0.0%	48.1% 49.4%	61.0 60.9	61.0 61.0	0.0 0.1	0.0%	48.1% 49.4%	66.4 66.4	66.4 66.3	0.0 -0.1	0.0% -0.2%
50.6%	49.4	49.4	0.0	0.2%	50.6%	54.3	54.4	0.1	0.2%	50.6%	60.9	61.0	0.1	0.2%	50.6%	66.2	66.3	0.1	0.2%
51.9%	49.3	49.4	0.1	0.2%	51.9%	54.2	54.3	0.1	0.2%	51.9%	60.8	60.8	0.0	0.0%	51.9%	66.1	66.1	0.0	0.0%
53.1%	49.3	49.3	0.0	0.0%	53.1%	54.2	54.2	0.0	0.0%	53.1%	60.7	60.8	0.1	0.2%	53.1%	66.0	66.0	0.0	0.0%
54.3% 55.6%	49.3 49.3	49.3 49.3	0.0	0.0%	54.3% 55.6%	54.1 54.1	54.2 54.2	0.1 0.1	0.2%	54.3% 55.6%	60.7 60.7	60.7 60.7	0.0	0.0%	54.3% 55.6%	66.0 65.9	66.0 66.0	0.0 0.1	0.0%
56.8%	49.3	49.3	0.0	0.0%	56.8%	54.1	54.1	0.0	0.2%	56.8%	60.6	60.6	0.0	0.0%	56.8%	65.8	65.8	0.0	0.0%
58.0%	49.2	49.2	0.0	0.0%	58.0%	53.9	54.0	0.1	0.2%	58.0%	60.6	60.5	-0.1	-0.2%	58.0%	65.4	65.4	0.0	0.0%
59.3%	49.2	49.2	0.0	0.0%	59.3%	53.9	53.9	0.0	0.0%	59.3%	60.2	60.3	0.1	0.2%	59.3%	65.3	65.4	0.1	0.2%
60.5% 61.7%	49.1 49.1	49.2 49.2	0.1 0.1	0.2%	60.5% 61.7%	53.9 53.9	53.9 53.9	0.0	0.0%	60.5% 61.7%	60.1 59.8	60.2	0.1 0.2	0.2%	60.5% 61.7%	65.3 65.3	65.3 65.3	0.0	0.0%
63.0%	49.0	49.2	0.1	0.4%	63.0%	53.8	53.9	0.0	0.0%	63.0%	59.7	59.8	0.2	0.2%	63.0%	65.3	65.3	0.0	0.0%
64.2%	48.9	49.1	0.2	0.4%	64.2%	53.8	53.9	0.1	0.2%	64.2%	59.7	59.8	0.1	0.2%	64.2%	65.1	65.1	0.0	0.0%
65.4%	48.9	49.1	0.2	0.4%	65.4%	53.7	53.9	0.2	0.4%	65.4%	59.7	59.6	-0.1	-0.2%	65.4%	65.1	65.1	0.0	0.0%
66.7% 67.9%	48.9 48.9	49.0 48.9	0.1	0.2% 0.0%	66.7% 67.9%	53.5 53.4	53.7 53.5	0.2	0.4%	66.7% 67.9%	59.6 59.4	59.6 59.5	0.0	0.0%	66.7% 67.9%	64.8 64.7	64.9 64.7	0.1	0.2%
69.1%	48.9	48.9	0.0	0.0%	69.1%	53.3	53.5	0.1	0.4%	69.1%	59.4	59.4	0.0	0.0%	69.1%	64.7	64.7	0.0	0.0%
70.4%	48.8	48.9	0.1	0.2%	70.4%	53.2	53.2	0.0	0.0%	70.4%	59.3	59.3	0.0	0.0%	70.4%	64.5	64.5	0.0	0.0%
71.6%	48.8	48.8	0.0	0.0%	71.6%	53.1	53.1	0.0	0.0%	71.6%	59.2	59.2	0.0	0.0%	71.6%	64.4	64.4	0.0	0.0%
72.8% 74.1%	48.7 48.6	48.8 48.8	0.1	0.2%	72.8% 74.1%	53.0 52.9	53.0 53.0	0.0	0.0%	72.8% 74.1%	59.2 59.1	59.1 59.1	-0.1 0.0	-0.2% 0.0%	72.8% 74.1%	64.3 64.1	64.3 64.0	0.0 -0.1	0.0% -0.2%
75.3%	48.6	48.6	0.0	0.4%	75.3%	52.7	52.9	0.1	0.4%	75.3%	58.6	58.7	0.0	0.2%	75.3%	64.0	64.0	0.0	0.0%
76.5%	48.6	48.6	0.0	0.0%	76.5%	52.6	52.9	0.3	0.6%	76.5%	58.6	58.6	0.0	0.0%	76.5%	63.8	63.8	0.0	0.0%
77.8%	48.6 48.6	48.6	0.0	0.0%	77.8% 79.0%	52.6	52.8 52.6	0.2	0.4%	77.8%	58.5 58.5	58.5 58.5	0.0	0.0%	77.8% 79.0%	63.7 63.7	63.7 63.6	0.0	0.0%
79.0% 80.2%	48.6 48.4	48.4 48.4	-0.2 0.0	-0.4% 0.0%	79.0% 80.2%	52.5 52.4	52.6 52.6	0.1	0.2%	79.0% 80.2%	58.5 57.9	58.0	0.0	0.0%	79.0% 80.2%	63.5	63.5	-0.1	-0.2% 0.0%
81.5%	48.4	48.4	0.0	0.0%	81.5%	52.4	52.4	0.0	0.0%	81.5%	57.9	57.9	0.0	0.2%	81.5%	63.4	63.4	0.0	0.0%
82.7%	48.3	48.2	-0.1	-0.2%	82.7%	52.3	52.4	0.1	0.2%	82.7%	57.7	57.8	0.1	0.2%	82.7%	63.3	63.4	0.1	0.2%
84.0%	48.2	48.1	-0.1	-0.2%	84.0%	52.1	52.2	0.1	0.2%	84.0%	57.6	57.7	0.1	0.2%	84.0%	63.1	63.1	0.0	0.0%
85.2% 86.4%	48.2 48.1	48.1 48.1	-0.1 0.0	-0.2% 0.0%	85.2% 86.4%	52.1 52.1	52.2 52.1	0.1	0.2%	85.2% 86.4%	57.6 57.6	57.6 57.6	0.0	0.0%	85.2% 86.4%	63.1 63.1	63.1 63.1	0.0	0.0%
87.7%	48.0	48.1	0.0	0.0%	87.7%	52.0	52.1	0.0	0.2%	87.7%	57.5	57.5	0.0	0.0%	87.7%	62.9	63.1	0.0	0.3%
88.9%	48.0	48.0	0.0	0.0%	88.9%	52.0	52.1	0.1	0.2%	88.9%	57.4	57.4	0.0	0.0%	88.9%	62.8	62.9	0.1	0.2%
90.1%	47.8	48.0	0.2	0.4%	90.1%	52.0	52.0	0.0	0.0%	90.1%	57.3	57.3	0.0	0.0%	90.1%	62.8	62.9	0.1	0.2%
91.4% 92.6%	47.7 47.5	47.7 47.5	0.0	0.0%	91.4% 92.6%	51.8 51.6	52.0 51.7	0.2	0.4%	91.4% 92.6%	57.2 56.6	57.2 56.9	0.0	0.0%	91.4% 92.6%	62.7 62.6	62.8 62.7	0.1 0.1	0.2% 0.2%
92.6%	47.5 47.4	47.5 47.4	0.0	0.0%	92.6%	51.6 51.6	51.7	0.1	0.2%	92.6%	56.3	56.3	0.3	0.5%	92.6%	62.3	62.7	0.1	0.2%
95.1%	47.3	47.2	-0.1	-0.2%	95.1%	51.4	51.4	0.0	0.0%	95.1%	56.3	56.3	0.0	0.0%	95.1%	62.2	62.3	0.1	0.2%
96.3%	47.2	47.2	0.0	0.0%	96.3%	51.4	51.4	0.0	0.0%	96.3%	56.2	56.2	0.0	0.0%	96.3%	61.4	61.5	0.1	0.2%
97.5% 98.8%	47.1 46.4	47.2 46.3	0.1 -0.1	0.2% -0.2%	97.5% 98.8%	51.3 51.1	51.3 51.1	0.0	0.0%	97.5% 98.8%	55.1 54.3	55.1 54.3	0.0	0.0%	97.5% 98.8%	61.3 60.3	61.3 60.3	0.0	0.0%
100.0%	46.4 46.4	46.3 46.3	-0.1	-0.2% -0.2%	100.0%	51.1 51.1	51.1 51.1	0.0	0.0%	100.0%	54.3	54.3 54.3	0.0	0.0%	100.0%	60.3	60.3	0.0	0.0%
.00.070			J.,		100.070			5.0	2.370	100.070	-1.0	2.1.0	3.0	0.070	100.070	20.0	- 5.0	5.0	

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

August

September

Percent		June			Percent		,			Percent		August			Percent		September		
Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	74.4	74.3	-0.1	-0.1%	0.0%	77.4	77.0	-0.4	-0.5%	0.0%	74.9	74.5	-0.4	-0.5%	0.0%	73.2	72.9	-0.3	-0.4%
1.2%	74.3	74.2	-0.1	-0.1%	1.2%	76.4	76.1	-0.3	-0.4%	1.2%	74.9	74.5	-0.4	-0.5%	1.2%	71.6	71.8	0.2	0.3%
2.5%	73.7	73.6	-0.1	-0.1%	2.5%	76.3	76.0	-0.3	-0.4%	2.5%	74.8	74.4	-0.4	-0.5%	2.5%	71.5	71.7	0.2	0.3%
3.7%	73.5	73.5	0.0	0.0%	3.7%	75.0	74.6	-0.4	-0.5%	3.7%	74.8	74.3	-0.5	-0.7%	3.7%	71.3	71.4	0.1	0.1%
4.9%	73.3	73.3	0.0	0.0%	4.9%	74.7	74.5	-0.2	-0.3%	4.9%	74.7	74.1	-0.6	-0.8%	4.9%	71.3	71.3	0.0	0.0%
6.2%	73.1	73.3	0.2	0.3%	6.2%	74.6	74.2	-0.4	-0.5%	6.2%	74.4	74.0	-0.4	-0.5%	6.2%	71.3	71.0	-0.3	-0.4%
7.4%	73.1	73.1	0.0	0.0%	7.4%	74.3	74.2	-0.1	-0.1%	7.4%	74.4	74.0	-0.4	-0.5%	7.4%	71.2	70.9	-0.3	-0.4%
8.6%	72.9	73.0	0.1	0.1%	8.6%	74.0	74.2	0.2	0.3%	8.6%	74.3	73.9	-0.4	-0.5%	8.6%	71.2	70.9	-0.3	-0.4%
9.9%	72.7	72.8	0.1	0.1%	9.9%	73.9	73.6	-0.3	-0.4%	9.9%	74.3	73.9	-0.4	-0.5%	9.9%	70.9	70.5	-0.4	-0.6%
11.1%	72.5	72.8	0.3	0.4%	11.1%	73.9	73.6	-0.3	-0.4%	11.1%	74.2	73.9	-0.3	-0.4%	11.1%	70.9	70.4	-0.5	-0.7%
12.3%	72.4	72.7	0.3	0.4%	12.3%	73.8	73.6	-0.2	-0.3%	12.3%	74.1	73.8	-0.3	-0.4%	12.3%	70.7	70.4	-0.3	-0.4%
13.6%	72.4	72.6	0.2	0.3%	13.6%	73.8	73.5	-0.3	-0.4%	13.6%	73.9	73.8	-0.1	-0.1%	13.6%	70.6	70.2	-0.4	-0.6%
14.8%	72.4	72.5	0.1	0.1%	14.8%	73.7	73.5	-0.2	-0.3%	14.8%	73.8	73.7	-0.1	-0.1%	14.8%	70.6	70.0	-0.6	-0.8%
16.0%	72.4	72.5	0.1	0.1%	16.0%	73.6	73.4	-0.2	-0.3%	16.0%	73.7	73.5	-0.2	-0.3%	16.0%	70.5	69.9	-0.6	-0.9%
17.3%	72.3	72.4	0.1	0.1%	17.3%	73.6	73.4	-0.2	-0.3%	17.3%	73.6	73.4	-0.2	-0.3%	17.3%	70.3	69.9	-0.4	-0.6%
18.5%	72.1	72.4	0.3	0.4%	18.5%	73.5	73.4	-0.1	-0.1%	18.5%	73.6	73.2	-0.4	-0.5%	18.5%	70.1	69.8	-0.3	-0.4%
19.8%	72.0	72.1	0.1	0.1%	19.8%	73.4	73.4	0.0	0.0%	19.8%	73.6	73.2	-0.4	-0.5%	19.8%	70.1	69.8	-0.3	-0.4%
21.0%	71.9	72.0	0.1	0.1%	21.0%	73.4	73.4	0.0	0.0%	21.0%	73.3	73.1	-0.2	-0.3%	21.0%	70.1	69.8	-0.3	-0.4%
22.2%	71.7	71.8	0.1	0.1%	22.2%	73.3	73.3	0.0	0.0%	22.2%	73.3	72.9	-0.4	-0.5%	22.2%	69.9	69.5	-0.4	-0.6%
23.5%	71.6	71.7	0.1	0.1%	23.5%	73.3	73.3	0.0	0.0%	23.5%	73.1	72.9	-0.2	-0.3%	23.5%	69.9	69.4	-0.5	-0.7%
24.7%	71.5	71.5	0.0	0.0%	24.7%	73.3	73.1	-0.2	-0.3%	24.7%	73.1	72.8	-0.3	-0.4%	24.7%	69.5	69.4	-0.1	-0.1%
25.9%	71.4	71.5	0.1	0.1%	25.9%	73.3	73.1	-0.2	-0.3%	25.9%	73.0	72.7	-0.3	-0.4%	25.9%	69.4	69.3	-0.1	-0.1%
27.2%	71.4	71.4	0.0	0.0%	27.2%	73.3	73.1	-0.2	-0.3%	27.2%	73.0	72.6	-0.4	-0.5%	27.2%	69.3	69.3	0.0	0.0%
28.4%	71.4	71.3	-0.1	-0.1%	28.4%	73.2	73.0	-0.2	-0.3%	28.4%	72.9	72.6	-0.3	-0.4%	28.4%	69.3	69.3	0.0	0.0%
29.6%	71.3	71.3	0.0	0.0%	29.6%	73.2	73.0	-0.2	-0.3%	29.6%	72.9	72.5	-0.4	-0.5%	29.6%	69.3	69.1	-0.2	-0.3%
30.9%	71.3	71.3	0.0	0.0%	30.9%	73.2	73.0	-0.2	-0.3%	30.9%	72.8	72.4	-0.4	-0.5%	30.9%	69.2	69.0	-0.2	-0.3%
32.1%	71.1	71.3	0.2	0.3%	32.1%	73.1	72.9	-0.2	-0.3%	32.1%	72.8	72.4	-0.4	-0.5%	32.1%	69.2	69.0	-0.2	-0.3%
33.3%	71.1	71.1	0.0	0.0%	33.3%	73.1	72.9	-0.2	-0.3%	33.3%	72.7	72.4	-0.3	-0.4%	33.3%	69.1	69.0	-0.1	-0.1%
34.6%	71.1	71.1	0.0	0.0%	34.6%	73.0	72.9	-0.2	-0.1%	34.6%	72.7	72.3	-0.4	-0.6%	34.6%	69.0	68.9	-0.1	-0.1%
35.8%	71.0	71.0	0.0	0.0%	35.8%	73.0	72.8	-0.2	-0.3%	35.8%	72.7	72.2	-0.5	-0.7%	35.8%	68.9	68.8	-0.1	-0.1%
37.0%	71.0	70.9	-0.1	-0.1%	37.0%	73.0	72.8	-0.2	-0.3%	37.0%	72.5	72.2	-0.3	-0.4%	37.0%	68.9	68.5	-0.4	-0.6%
38.3%	71.0	70.9	-0.1	-0.1%	38.3%	72.9	72.7	-0.2	-0.3%	38.3%	72.5	72.2	-0.3	-0.4%	38.3%	68.7	68.5	-0.2	-0.3%
39.5%	70.9	70.9	0.0	0.0%	39.5%	72.9	72.6	-0.3	-0.4%	39.5%	72.4	72.2	-0.2	-0.3%	39.5%	68.7	68.5	-0.2	-0.3%
40.7%	70.9	70.8	-0.1	-0.1%	40.7%	72.8	72.5	-0.3	-0.4%	40.7%	72.4	72.1	-0.3	-0.4%	40.7%	68.4	68.2	-0.2	-0.3%
42.0%	70.9	70.8	-0.1	-0.1%	42.0%	72.8	72.5	-0.3	-0.4%	42.0%	72.3	72.0	-0.3	-0.4%	42.0%	68.4	68.2	-0.2	-0.3%
43.2%	70.8	70.8	0.0	0.0%	43.2%	72.8	72.4	-0.4	-0.5%	43.2%	72.3	72.0	-0.3	-0.4%	43.2%	68.3	68.0	-0.3	-0.4%
44.4%	70.8	70.7	-0.1	-0.1%	44.4%	72.6	72.4	-0.2	-0.3%	44.4%	72.2	72.0	-0.2	-0.3%	44.4%	68.3	67.9	-0.4	-0.6%
45.7%	70.8	70.6	-0.2	-0.3%	45.7%	72.6	72.4	-0.2	-0.3%	45.7%	72.1	71.8	-0.3	-0.4%	45.7%	68.3	67.9	-0.4	-0.6%
46.9%	70.8	70.6	-0.2	-0.3%	46.9%	72.6	72.3	-0.3	-0.4%	46.9%	72.1	71.8	-0.3	-0.4%	46.9%	68.2	67.8	-0.4	-0.6%
48.1%	70.7	70.6	-0.1	-0.1%	48.1%	72.6	72.3	-0.3	-0.4%	48.1%	72.0	71.7	-0.3	-0.4%	48.1%	68.2	67.8	-0.4	-0.6%
49.4%	70.5	70.5	0.0	0.0%	49.4%	72.4	72.2	-0.2	-0.3%	49.4%	71.9	71.7	-0.2	-0.3%	49.4%	68.0	67.8	-0.2	-0.3%
50.6%	70.5	70.4	-0.1	-0.1%	50.6%	72.4	72.2	-0.2	-0.3%	50.6%	71.7	71.6	-0.1	-0.1%	50.6%	67.9	67.8	-0.1	-0.1%
51.9%	70.5	70.3	-0.2	-0.3%	51.9%	72.4	72.0	-0.4	-0.6%	51.9%	71.7	71.6	-0.1	-0.1%	51.9%	67.9	67.6	-0.3	-0.4%
53.1%	70.4	70.3	-0.1	-0.1%	53.1%	72.4	71.9	-0.5	-0.7%	53.1%	71.6	71.6	0.0	0.0%	53.1%	67.8	67.5	-0.3	-0.4%
54.3%	70.4	70.3	-0.1	-0.1%	54.3%	72.4	71.9	-0.5	-0.7%	54.3%	71.6	71.5	-0.1	-0.1%	54.3%	67.8	67.5	-0.3	-0.4%
55.6%	70.4	70.2	-0.2	-0.3%	55.6%	72.3	71.9	-0.4	-0.6%	55.6%	71.6	71.5	-0.1	-0.1%	55.6%	67.6	67.3	-0.3	-0.4%
56.8%	70.3	70.2	-0.1	-0.1%	56.8%	72.1	71.8	-0.3	-0.4%	56.8%	71.4	71.4	0.0	0.0%	56.8%	67.6	67.2	-0.4	-0.6%
58.0%	70.3	70.2	-0.1	-0.1%	58.0%	71.9	71.8	-0.1	-0.1%	58.0%	71.3	71.3	0.0	0.0%	58.0%	67.5	67.2	-0.3	-0.4%
59.3%	70.2	70.1	-0.1	-0.1%	59.3%	71.9	71.7	-0.2	-0.3%	59.3%	71.3	71.3	0.0	0.0%	59.3%	67.5	67.2	-0.3	-0.4%
60.5%	70.2	70.1	-0.1	-0.1%	60.5%	71.9	71.7	-0.2	-0.3%	60.5%	71.3	71.3	0.0	0.0%	60.5%	67.5	67.1	-0.4	-0.6%
61.7%	70.1	70.1	0.0	0.0%	61.7%	71.8	71.7	-0.1	-0.1%	61.7%	71.3	71.2	-0.1	-0.1%	61.7%	67.5	67.1	-0.4	-0.6%
63.0%	70.1	69.9	-0.2	-0.3%	63.0%	71.8	71.7	-0.1	-0.1%	63.0%	71.2	71.2	0.0	0.0%	63.0%	67.4	67.0	-0.4	-0.6%
64.2%	69.8	69.8	0.0	0.0%	64.2%	71.8	71.7	-0.1	-0.1%	64.2%	71.2	71.2	0.0	0.0%	64.2%	67.3	67.0	-0.3	-0.4%
65.4%	69.8	69.6	-0.2	-0.3%	65.4%	71.8	71.6	-0.2	-0.3%	65.4%	71.1	71.1	0.0	0.0%	65.4%	67.1	67.0	-0.1	-0.1%
66.7%	69.8	69.6	-0.2	-0.3%	66.7%	71.8	71.6	-0.2	-0.3%	66.7%	71.1	71.1	0.0	0.0%	66.7%	67.1	67.0	-0.1	-0.1%
67.9%	69.6	69.6	0.0	0.0%	67.9%	71.7	71.6	-0.1	-0.1%	67.9%	71.1	71.0	-0.1	-0.1%	67.9%	67.0	66.7	-0.3	-0.4%
69.1%	69.5	69.5	0.0	0.0%	69.1%	71.7	71.5	-0.2	-0.3%	69.1%	71.0	71.0	0.0	0.0%	69.1%	67.0	66.7	-0.3	-0.4%
70.4%	69.5	69.4	-0.1	-0.1%	70.4%	71.7	71.5	-0.2	-0.3%	70.4%	70.9	71.0	0.1	0.1%	70.4%	66.8	66.6	-0.2	-0.3%
71.6%	69.4	69.4	0.0	0.0%	71.6%	71.6	71.5	-0.1	-0.1%	71.6%	70.8	70.9	0.1	0.1%	71.6%	66.7	66.6	-0.1	-0.1%
72.8%	69.4	69.4	0.0	0.0%	72.8%	71.6	71.4	-0.2	-0.3%	72.8%	70.8	70.9	0.1	0.1%	72.8%	66.7	66.5	-0.2	-0.3%
74.1%	69.3	69.4	0.1	0.1%	74.1%	71.6	71.4	-0.2	-0.3%	74.1%	70.8	70.8	0.0	0.0%	74.1%	66.7	66.5	-0.2	-0.3%
75.3%	69.3	69.2	-0.1	-0.1%	75.3%	71.6	71.3	-0.3	-0.4%	75.3%	70.8	70.8	0.0	0.0%	75.3%	66.6	66.5	-0.1	-0.2%
76.5%	69.0	69.0	0.0	0.0%	76.5%	71.5	71.2	-0.3	-0.4%	76.5%	70.7	70.8	0.1	0.1%	76.5%	66.6	66.5	-0.1	-0.2%
77.8%	69.0	69.0	0.0	0.0%	77.8%	71.4	71.1	-0.3	-0.4%	77.8%	70.7	70.7	0.0	0.0%	77.8%	66.5	66.4	-0.1	-0.2%
79.0%	68.9	68.8	-0.1	-0.1%	79.0%	71.4	71.1	-0.3	-0.4%	79.0%	70.7	70.6	-0.1	-0.1%	79.0%	66.4	66.4	0.0	0.0%
80.2%	68.8	68.7	-0.1	-0.1%	80.2%	71.4	71.0	-0.4	-0.6%	80.2%	70.7	70.6	-0.1	-0.1%	80.2%	66.4	66.3	-0.1	-0.2%
81.5%	68.6	68.5	-0.1	-0.1%	81.5%	71.2	71.0	-0.2	-0.3%	81.5%	70.6	70.6	0.0	0.0%	81.5%	66.4	66.2	-0.2	-0.3%
82.7%	68.6	68.4	-0.2	-0.3%	82.7%	71.1	70.9	-0.2	-0.3%	82.7%	70.6	70.6	0.0	0.0%	82.7%	66.2	66.1	-0.1	-0.2%
84.0%	68.3	68.3	0.0	0.0%	84.0%	71.1	70.9	-0.2	-0.3%	84.0%	70.5	70.5	0.0	0.0%	84.0%	66.1	66.1	0.0	0.0%
85.2%	68.3	68.2	-0.1	-0.1%	85.2%	71.0	70.7	-0.3	-0.4%	85.2%	70.4	70.4	0.0	0.0%	85.2%	66.1	66.0	-0.1	-0.2%
86.4%	68.0	68.0	0.0	0.0%	86.4%	70.9	70.3	-0.6	-0.8%	86.4%	70.3	70.4	0.1	0.1%	86.4%	66.0	65.8	-0.2	-0.3%
87.7%	67.7	67.6	-0.1	-0.1%	87.7%	70.7	70.3	-0.4	-0.6%	87.7%	70.3	70.3	0.0	0.0%	87.7%	65.5	65.7	0.2	0.3%
88.9%	67.6	67.5	-0.1	-0.1%	88.9%	70.6	70.1	-0.5	-0.7%	88.9%	70.3	70.2	-0.1	-0.1%	88.9%	65.4	65.7	0.3	0.5%
90.1%	67.4	67.4	0.0	0.0%	90.1%	70.4	69.9	-0.5	-0.7%	90.1%	70.2	70.2	0.0	0.0%	90.1%	65.4	65.6	0.2	0.3%
91.4%	67.4	67.3	-0.1	-0.1%	91.4%	70.4	69.8	-0.6	-0.9%	91.4%	70.1	70.1	0.0	0.0%	91.4%	65.2	65.3	0.1	0.2%
92.6%	66.9	66.8	-0.1	-0.1%	92.6%	70.3	69.8	-0.5	-0.7%	92.6%	69.9	70.0	0.1	0.1%	92.6%	64.9	64.6	-0.3	-0.5%
93.8%	66.8	66.7	-0.1	-0.1%	93.8%	70.3	69.4	-0.9	-1.3%	93.8%	69.7	69.9	0.2	0.3%	93.8%	64.2	63.9	-0.3	-0.5%
95.1%	66.8	66.6	-0.2	-0.3%	95.1%	69.9	69.1	-0.8	-1.1%	95.1%	69.7	69.4	-0.3	-0.4%	95.1%	64.1	63.8	-0.3	-0.5%
96.3%	66.6	66.5	-0.1	-0.2%	96.3%	69.5	69.1	-0.4	-0.6%	96.3%	69.3	69.4	0.1	0.1%	96.3%	63.8	63.6	-0.2	-0.3%
97.5%	66.6	66.5	-0.1	-0.2%	97.5%	69.2	68.9	-0.3	-0.4%	97.5%	69.3	69.2	-0.1	-0.1%	97.5%	63.2	63.2	0.0	0.0%
98.8%	65.7	65.5	-0.2	-0.3%	98.8%	69.2	68.6	-0.6	-0.9%	98.8%	68.8	68.9	0.1	0.1%	98.8%	62.9	62.8	-0.1	-0.2%
100.0%	65.7	65.5	-0.2	-0.3%	100.0%	69.2	68.6	-0.6	-0.9%	100.0%	68.8	68.9	0.1	0.1%	100.0%	62.9	62.8	-0.1	-0.2%

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

					Mon	thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	ng-term							
ull Simulation Period ¹												
No Action Alternative	54.0	52.6	48.9	47.6	48.5	49.9	51.4	55.5	57.6	61.0	60.5	55.4
Alternative A	54.0	52.5	48.8	47.6	48.4	49.8	51.4	55.6	57.6	61.0	60.5	55.3
Difference	0.0	-0.1	-0.2	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1
Percent Difference ³	0.1%	-0.2%	-0.3%	0.0%	-0.1%	-0.1%	0.1%	0.1%	-0.1%	0.0%	0.0%	-0.29
				Water Y	ear Types	2						
Vet (32%)												
No Action Alternative	53.2	52.2	48.9	47.8	47.8	48.6	50.5	54.8	57.3	61.2	60.7	54.4
Alternative A	53.4	52.2	48.8	47.8	47.8	48.6	50.5	54.8	57.2	61.2	60.6	54.5
Difference	0.1	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0	-0.1	0.0	-0.1	0.0
Percent Difference	0.2%	0.0%	-0.2%	0.0%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	0.0%
Above Normal (15%)												
No Action Alternative	53.3	52.0	48.8	47.5	48.1	48.8	51.5	55.7	57.8	60.7	59.8	54.5
Alternative A	53.4	52.0	48.6	47.5	48.1	48.7	51.5	55.7	57.6	60.7	59.9	54.4
Difference	0.1	0.0	-0.2	0.0	0.0	-0.1	0.0	0.0	-0.2	0.0	0.1	-0.1
Percent Difference	0.2%	0.0%	-0.5%	0.0%	0.0%	-0.2%	0.0%	0.0%	-0.3%	0.0%	0.2%	-0.19
Below Normal (17%)												
No Action Alternative	53.8	52.3	48.5	47.5	48.4	50.3	52.0	55.9	57.8	60.8	59.9	55.6
Alternative A	54.0	52.4	48.4	47.4	48.5	50.1	52.1	56.0	57.7	60.8	60.1	55.5
Difference	0.2	0.0	0.0	-0.1	0.0	-0.2	0.1	0.0	-0.2	0.0	0.1	-0.1
Percent Difference	0.3%	0.0%	-0.1%	-0.1%	0.1%	-0.5%	0.1%	0.0%	-0.3%	0.0%	0.2%	-0.29
Dry (22%)												
No Action Alternative	54.3	52.8	49.0	47.5	48.9	51.1	51.9	55.7	57.7	60.8	60.2	55.9
Alternative A	54.4	52.7	48.8	47.5	48.9	51.2	52.0	55.8	57.8	60.8	59.9	55.8
Difference	0.2	0.0	-0.2	-0.1	0.0	0.1	0.0	0.1	0.1	0.0	-0.4	-0.2
Percent Difference	0.4%	-0.1%	-0.4%	-0.1%	0.0%	0.3%	0.0%	0.2%	0.2%	0.0%	-0.6%	-0.39
Critical (15%)												
No Action Alternative	56.2	54.0	49.5	47.4	49.2	51.3	51.5	55.9	57.7	61.6	61.8	57.2
Alternative A	55.5	53.2	49.2	47.5	49.1	51.1	51.6	56.0	57.8	61.5	62.1	56.9
Difference	-0.6	-0.8	-0.3	0.1	-0.1	-0.2	0.1	0.1	0.1	-0.1	0.3	-0.3
Percent Difference	-1.1%	-1.5%	-0.6%	0.1%	-0.3%	-0.5%	0.3%	0.3%	0.1%	-0.1%	0.5%	-0.59

1 Based on the 82-year simulation period

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



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

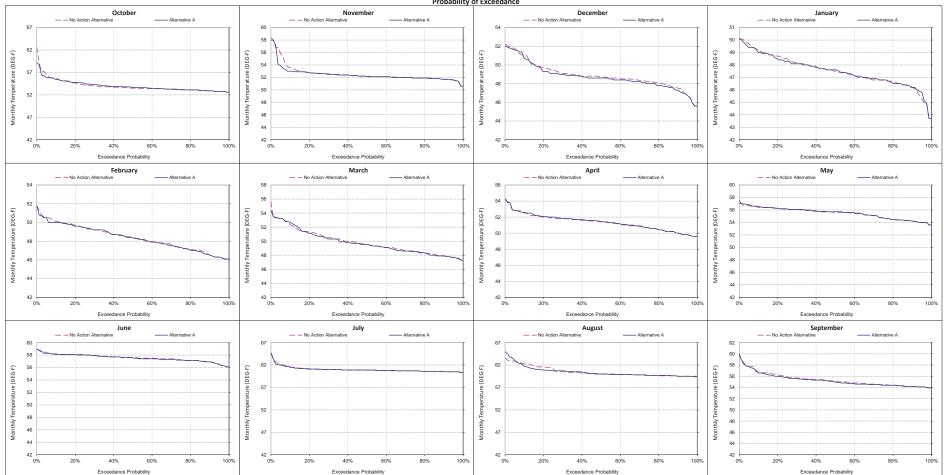


Table SQ-15-3b Feather River below Fish Barrier Dam, Monthly Temperature Probability of Exceedance

Octobe Novembe January Percent Percent Percent Percent No Action Alternative Alternative A Absolute Relative Relative Relative Relative Exceedance Exceedance Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG-F) (DEG₂E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) 0.0% 62.6 59.2 -3.4 -5.4% 0.0% 58.4 -0.4 -0.7% 0.0% 52.2 52.0 -0.4% 50.1 50.1 0.0% 1.2% 59.1 58.7 -0.4 -0.7% 1.2% 58.0 58.0 0.0 0.0% 1.2% 52.1 51.9 -0.2 -0.4% 1.2% 50.1 50.0 -0.1 -0.2% 2.5% 57.3 56.4 -1.6% 2.5% 56.8 57.2 0.7% 2.5% 51.9 51.8 -0.2% 2.5% 50.0 49.8 -0.4% 3.7% 3.7% 57.2 56.3 -0.9 -1.6% 3.7% 56.8 54.1 -2.7 -4.8% 3.7% 51.8 51.7 -0.1 -0.2% 49.8 49.6 -0.2 -0.4% 4.9% 56.6 55.9 -0.7 -1.2% 4.9% 55.9 53.9 -3.6% 4.9% 51.8 51.6 -0.2 -0.4% 4.9% 49.7 49.4 -0.3 -0.6% 6.2% 6.2% 6.2% 6.2% 56.0 55.8 -0.2 -0.4% 55.3 53.5 -1.8 -3.3% 51.5 51.6 0.1 0.2% 49.5 49.4 -0.1 -0.2% 7.4% 0.0% 7.4% 53.3 -1.0 -1.8% 7.4% 0.4% 7.4% 49.4 49.4 0.0 0.0% 8.6% 8.6% 8.6% 8.6 · . 9.9% 11.1% 12.3% 8.6% 55.8 55.7 -0.1 53.7 53.0 -0.7 -1.3% 51.1 51.4 0.3 0.6% 49 3 493 0.0% 9.9% -0.5% -0.6% -0.4% 11.1% 12.3% 55.5 55.4 -0.1 -0.2% 11.1% 53.4 53.0 -0.4 -0.7% 11.1% 51.0 50.6 -0.4 -0.8% 49.1 49.0 -0.1 -0.2% 13.6% 13.6% 13.6% 55.2 55.1 -0.1 -0.2% 53.1 529 -0 2 -0.4% 50.3 50.1 -0.2 -0.4% 49 0 48 9 -0.1 -0.2% 16.0% 16.0% 16.0% 16.0% 55.0 55.1 0.1 0.2% 52.9 52.9 0.0 0.0% 49.9 49.9 0.0 0.0% 48.8 48.8 0.0 0.0% 18.5% 0.2% 18.5% -0.2% 18.5% 18.5% -0.4% 54.7 54.8 0.1 52.9 52.8 -0.1 49.8 49.7 -0.1 -0.2% 48.8 48.6 -0.2 19.8% 21.0% 54.7 54.4 54.8 54.8 0.2% 52.8 52.7 19.8% 21.0% -0.4 -0.4 -0.8% 19.8% 21.0% 48.5 -0.2 -0.3 0.1 21.0% 52.7 0.0 0.0% 49.7 49.3 -0.8% 48.7 48.4 -0.6% 22.2% 23.5% 54.4 54.3 54.7 54.7 0.6% 22.2% 23.5% 52.7 0.0% 22.2% 23.5% -0.3 -0.4 -0.6% 22.2% 23.5% 48.4 -0.2 -0.2 0.4 52.7 0.7% 52.7 0.0 0.0% 49.5 49.1 -0.8% 48.5 48.3 -0.4% 24.7% 25.9% 0.7% 24.7% 25.9% 24.7% 25.9% 24.7% 25.9% 54.2 54.2 0.4 52.6 4Q 5 -0.4 -0.3 -0.8% 48.5 48.3 -0.2 -0.1 -0.4% 54.4 52.6 52.6 0.0 49.4 49.1 48.3 0.0% -0.6% 48.4 -0.2% 27.2% 28.4% 0.6% 27.2% 28.4% 27.2% 28.4% 27.2% 52.6 52.6 0.0% 49 3 -0.2 -0.4% 48 3 48 1 -0.2 54.1 54.1 54.4 0.3 28.4% 52.6 52.6 0.0 0.0% -0.2 -0.4% 48.2 48.1 -0.1 -0.2% 49.2 49.0 29.6% 30.9% 0.6% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 52.5 52.5 -0.2% 0.0% -0.1 -0.1 -0.2% -0.2% 48.1 -0.2% 0.0% 0.0 49.1 48.1 49.0 32.1% 53.9 54.2 0.3 0.6% 32.1% 52.5 52.5 0.0% 32.1% 49.1 48.9 -0.2 -0.4% 32.1% 48.1 48.1 0.0 0.0% 33.3% 0.4 0.7% 33.3% 52.5 0.0% 33.3% 49.0 -0.1 -0.2% 33.3% 48.0 -0.1 -0.2% 34.6% 53.8 0.2 0.4% 34.6% 52.4 52.5 0.2% 34.6% 49.0 48.9 -0.1 -0.2% 34.6% 48.0 48.0 0.0 0.0% 35.8% 0.4% 35.8% 52.4 35.8% -0.1 -0.2% 35.8% 53.8 0.0% 49.0 48.9 0.0% 37.0% 53.8 0.2 0.4% 37.0% 52.4 52.4 0.0% 37.0% 48.9 48.9 0.0 0.0% 37.0% 47.9 47.9 0.0 0.0% 38.3% 53.8 53.9 0.2% 38.3% 52.4 38.3% -0.2% 38.3% 47.9 0.1 48.8 -0.1 47.9 39.5% 53.7 53.9 0.2 0.4% 39.5% 52.4 52.4 0.0 0.0% 39.5% 48.8 48.8 0.0 0.0% 39.5% 47.8 47.9 0.1 0.2% 40.7% 53.7 53.9 0.2 0.4% 40.7% 52.4 52.4 0.0 0.0% 40.7% 48.8 48.7 -0.1 -0.2% 40.7% 47.8 47.8 0.0 0.0% 42.0% 53.7 53.9 0.2 0.4% 42.0% 52.3 52.3 0.0% 42.0% 48.8 48.7 -0.1 -0.2%42.0% 47.7 47.7 0.0 0.0% 43.2% 53.7 53.9 0.2 0.4% 43.2% 52.3 52.3 0.0 0.0% 43.2% 48.8 48.6 -0.2 -0.4% 43.2% 47.7 47.7 0.0 0.0% 44.4% 0.2 0.4% 44.4% 52.3 52.3 0.0% 44.4% 48.8 48.6 -0.2 -0.4% 44.4% 47.7 47.7 0.0 0.0% 45.7% 45.7% 45.7% 53.6 53.8 0.2 0.4% 52.2 52.2 0.0 0.0% 48.8 48.6 -0.2 -0.4% 45.7% 47.6 47.6 0.0 0.0% 0.0 46.9% 53.6 53.8 0.2 0.4% 46.9% 52.2 52.2 0.0% 46.9% 48.8 48.6 -0.2 -0.4% 46.9% 47.6 47.6 0.0% 48.1% 49.4% 53.5 53.8 0.3 0.6% 48.1% 52.2 52.2 0.0 0.0% 48.1% 48.8 48.6 -0.2 -0.4% 48.1% 47.6 47.6 0.0 0.0% 53.7 0.2 0.4% 49.4% 52.2 0.0% 49.4% 48.7 48.6 -0.1-0.2%49.4% 47.5 47.6 0.1 0.2% 50.6% 50.6% 50.6% 50.6% 53.5 53.7 0.2 0.4% 52.2 52.1 -0.1 -0.2% 48.7 48.6 -0.1 -0.2% 47.5 47.6 0.1 0.2% 51.9% 0.2 0.4% 51.9% 0.0 0.0% 48.7 48.6 -0.1 -0.1 -0.2% 51.9% 53.1% 47.5 0.2% 53.1% 53.1% 53.1% 53.4 0.0 53.6 52 1 52.1 0.0 0.0% 48.7 48.6 -0.2% 47 4 47.4 0.0% 55.6% 56.8% 55.6% 55.6% 55.6% 0.2% 53.4 53.6 0.2 0.4% 52.1 52.1 0.0 0.0% 48.6 48.5 -0.1 -0.2% 47.3 47.4 0.1 58.0% 0.2% 58.0% 58.0% 53.4 53.5 0.1 52.1 52.1 0.0 0.0% 48.6 48.4 -0.2 -0.4% 58.0% 47.2 47.3 0.1 0.2% 60.5% 60.5% 60.5% 53.4 53.4 0.0 0.0% 52.1 52.1 0.0 0.0% 48.5 48.4 -0.1 -0.2% 60.5% 47.1 47.1 0.0 0.0% 61.7% 47 1 63.0% 63.0% 63.0% 53.4 -0.1 63.0% 0.1 53.4 0.0 0.0% 52.1 52.0 -0.1 -0.2% 48.5 48.4 -0.2% 47.0 47.1 0.2% 64.2% 65.4% 53.4 53.4 0.1 64.2% 65.4% 64.2% 65.4% -0.2 -0.4% -0.4% 64.2% 65.4% 47.0 47.0 0.0 53.3 52.0 0.0 48.3 47.0 0.0% 0.2% 52.0 0.0% 48.5 66.7% 67.9% 53.3 53.3 0.0% 66.7% 67.9% 66.7% 67.9% 66.7% 67.9% 53.3 53.3 52.0 0.0% 48.4 48.2 -0.2 -0.2 -0.4% 46.9 47.0 0.1 0.2% 0.0 52.0 52.0 0.0 0.0% 48.4 48.2 -0.4% 46.9 46.9 0.0% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 0.2% 52.0 18.4 -0.2 -0.1 -0.4% 46.0 0.1 53.3 0.1 53.2 0.2% 52.0 52.0 0.0 0.0% 48.3 48.2 -0.2% 46.8 46.9 0.2% 71.6% 53.2 53.3 0.1 0.2% 0.4% 71.6% 52.0 0.0% 71.6% 48 3 48 1 -0.2 -0.2 -0.4% 71.6% 46.8 46.9 0.1 0.2% 72.8% 53.1 53.3 72.8% 52.0 52.0 0.0 0.0% 72.8% 48.3 48.1 -0.4% 72.8% 46.8 46.8 0.0 -0.4% -0.4% 74.1% 75.3% 74.1% 75.3% 0.1 0.2% 74.1% 0.0% 74.1% -0.2 -0.2 46.8 46.8 0.0 0.0% 75.3% 0.0% 75.3% 48.2 76.5% 53.1 53.2 0.1 0.2% 76.5% 51.9 51.9 0.0% 76.5% 48.2 48.0 -0.2 -0.4% 76.5% 46.7 46.8 0.1 0.2% 77.8% 0.0% 77.8% 77.8% -0.1 77.8% 0.0% -0.2% 0.0% 79.0% 53.1 53.1 0.0 0.0% 79.0% 51.9 51.9 0.0 0.0% 79.0% 48.1 47.8 -0.3 -0.6% 79.0% 46.7 46.6 -0.1 -0.2% 80.2% 53.1 53.1 0.0% 80.2% 51.9 80.2% 48.0 80.2% 46.5 -0.2 51.9 0.0% 47.8 -0.2 -0.4% -0.4% 81.5% 53.1 53.1 0.0 0.0% 81.5% 51.9 51.9 0.0% 81.5% 48.0 47.8 -0.2-0.4% 81.5% 46.6 46.5 -0.1-0.2%82.7% 53.1 53.1 0.0% 82.7% 51.8 -0.2% 82.7% 47.7 -0.3 -0.6% 82.7% 46.5 0.0% 84.0% 53.0 53.1 0.1 0.2% 84.0% 51.9 51.8 -0.2% 84.0% 47.8 47.7 -0.1 -0.2% 84.0% 46.5 46.5 0.0 0.0% 85.2% 53.0 53.0 0.0 0.0% 85.2% 51.8 51.8 0.0 0.0% 85.2% 47.8 47.6 -0.2 -0.4% 85.2% 46.4 46.4 0.0 0.0% 86.4% 53.0 53.0 0.0% 86.4% 51.8 0.0% 86.4% 47.7 47.6 -0.1 -0.2% 86.4% 46.4 46.4 0.0 0.0% 87.7% 52.9 53.0 0.1 0.2% 87.7% 51.8 51.8 0.0 0.0% 87.7% 47.6 47.5 -0.1 -0.2% 87.7% 46.3 46.4 0.1 0.2% 88.9% 52.9 52.9 0.0 0.0% 88.9% 51.8 51.7 -0.1 -0.2% 88.9% 47.6 47.3 -0.3 -0.6% 88.9% 46.2 46.3 0.1 0.2% 90.1% 52.9 52.9 0.0 0.0% 90.1% 51.7 51.7 0.0 0.0% 90.1% 47.5 47.3 -0.2 -0.4% 90.1% 46.2 46.2 0.0 0.0% 91.4% 52.9 52.8 0.2% 91.4% 91.4% 47.5 -0.4 -0.1 -0.8% 91.4% 46.2 0.1 92.6% 92.6% 92.6% 52.8 0.0 0.0% 51.7 51.7 0.0 0.0% 47 1 47.0 -0.2% 92.6% 45.9 46.0 0.2% 93.8% 52.8 0.0 51.6 93.8% 52.8 0.0% 93.8% 51.7 -0.1-0.2% 93.8% 46.9 46.9 0.0 0.0% 45.5 45.9 0.4 0.9% 95.1% 95.1% 95.1% 95.1% 52.8 52.8 0.0 0.0% 51.6 51.6 0.0 0.0% 46.7 46.7 0.0 0.0% 45.3 45.8 0.5 1.1% 96.3% 52.8 52.8 0.0% 96.3% 97.5% 51.5 51.4 0.2% 96.3% 97.5% 46.5 0.0 0.0% 96.3% 97.5% 44.9 45.1 0.2 0.4% 97.5% 0.1 0.0% 52.8 0.0 0.0% 51.3 0.2% 45.9 45.9 0.0 0.0% 44 9 449 0.0% 0.0% 98.8% 0.0% 100.0% 100.0% 100.0% 100.0% 52.6 52.6 0.0 0.0% 50.6 50.6 0.0% 45.6 45.6 0.0 0.0% 43.7 43.7 0.0 0.0%

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

									Probability	of Exceedance	.,,								
Percent		February			Percent		March			Percent		April			Percent		May		
Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative
Probability	Monthly Temperature		Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature		Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature		Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature		Difference (DEG-F)	Difference (%)
0.0%	(DEG-F) 51.8	(DEG-F) 51.8	0.0	0.0%	(%) 0.0%	(DEG-F) 55.6	(DEG-F) 54.4	-1.2	0.00/	(%)	(DEG-F) 54.3	(DEG-F) 54.3	0.0	0.00/		(DEG-F) 57.1	(DEG-F) 57.5	0.4	0.70/
1.2%	51.8 51.3	51.8 50.8	-0.5	-1.0%	1.2%	55.6 53.4	54.4	-1.2 0.1	-2.2% 0.2%	1.2%	54.3 53.9	54.3	-0.1	0.0%	1.2%	57.1 57.0	57.5 57.0	0.4	0.7% 0.0%
2.5%	50.8	50.7	-0.1	-0.2%	2.5%	53.3	53.4	0.1	0.2%	2.5%	53.8	53.8	0.0	0.0%	2.5%	56.7	57.0	0.3	0.5%
3.7%	50.6	50.5	-0.1	-0.2%	3.7%	53.3	53.3	0.0	0.0%	3.7%	53.0	52.9	-0.1	-0.2%	3.7%	56.7	56.9	0.2	0.4%
4.9%	50.5	50.5	0.0	0.0%	4.9%	53.2	53.2	0.0	0.0%	4.9%	52.9	52.8	-0.1	-0.2%	4.9%	56.7	56.9	0.2	0.4%
6.2% 7.4%	50.5 50.4	50.0 50.0	-0.5 -0.4	-1.0% -0.8%	6.2% 7.4%	53.2 52.9	53.2 52.8	0.0 -0.1	0.0%	6.2% 7.4%	52.8 52.8	52.8 52.7	0.0 -0.1	0.0%	6.2% 7.4%	56.6 56.6	56.7 56.6	0.1	0.2%
8.6%	50.3	50.0	-0.3	-0.6%	8.6%	52.8	52.8	0.0	0.0%	8.6%	52.8	52.6	-0.2	-0.4%	8.6%	56.6	56.6	0.0	0.0%
9.9%	50.1	50.0	-0.1	-0.2%	9.9%	52.4	52.7	0.3	0.6%	9.9%	52.5	52.6	0.1	0.2%	9.9%	56.4	56.6	0.2	0.4%
11.1%	50.1	50.0	-0.1	-0.2%	11.1%	52.2	52.5	0.3	0.6%	11.1%	52.5	52.5	0.0	0.0%	11.1%	56.4	56.5	0.1	0.2%
12.3% 13.6%	50.0 50.0	50.0 49.9	0.0 -0.1	0.0%	12.3% 13.6%	51.9 51.8	52.3 52.1	0.4	0.8%	12.3% 13.6%	52.3 52.2	52.5 52.5	0.2	0.4%	12.3% 13.6%	56.4 56.4	56.4 56.4	0.0	0.0%
14.8%	49.9	49.9	0.0	0.2%	13.6%	51.6	52.1	0.3	0.6%	14.8%	52.2	52.5	0.3	0.6%	14.8%	56.4 56.4	56.4 56.4	0.0	0.0%
16.0%	49.9	49.8	-0.1	-0.2%	16.0%	51.5	51.4	-0.1	-0.2%	16.0%	52.2	52.2	0.0	0.0%	16.0%	56.4	56.4	0.0	0.0%
17.3%	49.9	49.8	-0.1	-0.2%	17.3%	51.4	51.4	0.0	0.0%	17.3%	52.1	52.2	0.1	0.2%	17.3%	56.3	56.4	0.1	0.2%
18.5%	49.8	49.7	-0.1	-0.2%	18.5%	51.4	51.3	-0.1	-0.2%	18.5%	52.1	52.1	0.0	0.0%	18.5%	56.3	56.3	0.0	0.0%
19.8% 21.0%	49.7 49.7	49.6 49.6	-0.1 -0.1	-0.2% -0.2%	19.8% 21.0%	51.3 51.3	51.1 51.1	-0.2 -0.2	-0.4% -0.4%	19.8% 21.0%	52.0 52.0	52.1 52.1	0.1 0.1	0.2% 0.2%	19.8% 21.0%	56.2 56.2	56.3 56.2	0.1	0.2%
22.2%	49.6	49.6	0.0	0.0%	22.2%	51.2	50.9	-0.3	-0.6%	22.2%	52.0	52.0	0.0	0.0%	22.2%	56.2	56.2	0.0	0.0%
23.5%	49.5	49.5	0.0	0.0%	23.5%	51.1	50.8	-0.3	-0.6%	23.5%	51.9	52.0	0.1	0.2%	23.5%	56.1	56.2	0.1	0.2%
24.7%	49.4	49.5	0.1	0.2%	24.7%	50.9	50.7	-0.2	-0.4%	24.7%	51.9	52.0	0.1	0.2%	24.7%	56.1	56.2	0.1	0.2%
25.9% 27.2%	49.3 49.3	49.4 49.4	0.1 0.1	0.2%	25.9% 27.2%	50.9 50.7	50.7 50.6	-0.2 -0.1	-0.4% -0.2%	25.9% 27.2%	51.8 51.8	52.0 51.9	0.2	0.4%	25.9% 27.2%	56.1 56.1	56.1 56.1	0.0	0.0%
28.4%	49.3	49.4	0.0	0.2%	28.4%	50.7	50.6	-0.1	-0.4%	28.4%	51.8	51.9	0.1	0.2%	28.4%	56.1	56.1	0.0	0.0%
29.6%	49.2	49.2	0.0	0.0%	29.6%	50.5	50.3	-0.2	-0.4%	29.6%	51.8	51.8	0.0	0.0%	29.6%	56.1	56.1	0.0	0.0%
30.9%	49.2	49.2	0.0	0.0%	30.9%	50.5	50.3	-0.2	-0.4%	30.9%	51.8	51.8	0.0	0.0%	30.9%	56.1	56.1	0.0	0.0%
32.1%	49.2 49.2	49.2 49.2	0.0	0.0%	32.1%	50.4	50.3 50.3	-0.1	-0.2%	32.1%	51.8	51.8	0.0	0.0%	32.1%	56.0 56.0	56.1 56.1	0.1	0.2%
33.3% 34.6%	49.2	49.2 49.2	0.0	0.0%	33.3% 34.6%	50.3 50.3	50.3	0.0	0.0%	33.3% 34.6%	51.7 51.7	51.8 51.8	0.1	0.2%	33.3% 34.6%	55.9	56.1 56.0	0.1	0.2%
35.8%	49.0	49.1	0.1	0.2%	35.8%	50.3	49.9	-0.4	-0.8%	35.8%	51.7	51.7	0.0	0.0%	35.8%	55.9	56.0	0.1	0.2%
37.0%	48.9	49.0	0.1	0.2%	37.0%	50.2	49.9	-0.3	-0.6%	37.0%	51.7	51.7	0.0	0.0%	37.0%	55.9	56.0	0.1	0.2%
38.3%	48.8	48.8	0.0	0.0%	38.3%	50.0	49.9	-0.1	-0.2%	38.3%	51.7	51.7	0.0	0.0%	38.3%	55.8	55.9	0.1	0.2%
39.5% 40.7%	48.7 48.7	48.7 48.7	0.0	0.0%	39.5% 40.7%	50.0 49.9	49.8 49.8	-0.2 -0.1	-0.4% -0.2%	39.5% 40.7%	51.6 51.6	51.7 51.7	0.1 0.1	0.2%	39.5% 40.7%	55.8 55.8	55.9 55.8	0.1	0.2%
42.0%	48.7	48.7	0.0	0.0%	42.0%	49.9	49.8	-0.1	-0.2%	42.0%	51.6	51.6	0.0	0.2%	42.0%	55.8	55.8	0.0	0.0%
43.2%	48.7	48.6	-0.1	-0.2%	43.2%	49.9	49.7	-0.2	-0.4%	43.2%	51.6	51.6	0.0	0.0%	43.2%	55.7	55.8	0.1	0.2%
44.4%	48.6	48.6	0.0	0.0%	44.4%	49.8	49.7	-0.1	-0.2%	44.4%	51.5	51.6	0.1	0.2%	44.4%	55.7	55.8	0.1	0.2%
45.7%	48.6	48.5	-0.1	-0.2%	45.7%	49.7	49.7	0.0	0.0%	45.7%	51.5	51.6	0.1	0.2%	45.7%	55.7	55.7	0.0	0.0%
46.9% 48.1%	48.5 48.5	48.4 48.4	-0.1 -0.1	-0.2% -0.2%	46.9% 48.1%	49.7 49.6	49.5 49.5	-0.2 -0.1	-0.4% -0.2%	46.9% 48.1%	51.5 51.5	51.6 51.5	0.1 0.0	0.2%	46.9% 48.1%	55.7 55.7	55.7 55.7	0.0	0.0%
49.4%	48.4	48.4	0.0	0.0%	49.4%	49.5	49.5	0.0	0.0%	49.4%	51.4	51.5	0.0	0.0%	49.4%	55.6	55.7	0.0	0.0%
50.6%	48.4	48.3	-0.1	-0.2%	50.6%	49.5	49.5	0.0	0.0%	50.6%	51.4	51.4	0.0	0.0%	50.6%	55.6	55.7	0.1	0.2%
51.9%	48.3	48.3	0.0	0.0%	51.9%	49.4	49.4	0.0	0.0%	51.9%	51.4	51.4	0.0	0.0%	51.9%	55.6	55.7	0.1	0.2%
53.1% 54.3%	48.3 48.2	48.2 48.2	-0.1 0.0	-0.2%	53.1% 54.3%	49.3 49.3	49.3 49.3	0.0	0.0%	53.1% 54.3%	51.3 51.3	51.4 51.3	0.1	0.2%	53.1% 54.3%	55.6 55.6	55.7 55.6	0.1	0.2%
55.6%	48.1	48.2	0.0	0.0%	55.6%	49.3	49.3	0.0	0.0%	55.6%	51.3	51.3	0.0	0.0%	55.6%	55.6	55.6	0.0	0.0%
56.8%	48.0	48.1	0.1	0.2%	56.8%	49.2	49.2	0.0	0.0%	56.8%	51.2	51.3	0.1	0.2%	56.8%	55.6	55.6	0.0	0.0%
58.0%	47.9	48.0	0.1	0.2%	58.0%	49.2	49.2	0.0	0.0%	58.0%	51.2	51.2	0.0	0.0%	58.0%	55.5	55.6	0.1	0.2%
59.3%	47.9	48.0	0.1	0.2%	59.3%	49.1	49.1	0.0	0.0%	59.3%	51.1	51.2	0.1	0.2%	59.3%	55.5	55.6	0.1	0.2%
60.5% 61.7%	47.9 47.9	47.9 47.9	0.0	0.0%	60.5% 61.7%	49.1 49.1	49.1 49.0	0.0	0.0%	60.5% 61.7%	51.1 51.0	51.1 51.1	0.0	0.0%	60.5% 61.7%	55.4 55.4	55.5 55.5	0.1	0.2%
63.0%	47.9	47.8	-0.1	-0.2%	63.0%	49.1	49.0	-0.1	-0.2% -0.4%	63.0%	51.0	51.1	0.1	0.2%	63.0%	55.4	55.5	0.1	0.2%
64.2%	47.8	47.8	0.0	0.0%	64.2%	49.0	48.8	-0.2	-0.4%	64.2%	51.0	51.0	0.0	0.0%	64.2%	55.3	55.4	0.1	0.2%
65.4%	47.7	47.8	0.1	0.2%	65.4%	48.9	48.7	-0.2	-0.4%	65.4%	50.9	51.0	0.1	0.2%	65.4%	55.2	55.2	0.0	0.0%
66.7%	47.6	47.7	0.1	0.2%	66.7%	48.8	48.7	-0.1	-0.2%	66.7%	50.9	51.0	0.1	0.2%	66.7%	55.2	55.2	0.0	0.0%
67.9% 69.1%	47.6 47.5	47.7 47.7	0.1 0.2	0.2% 0.4%	67.9% 69.1%	48.8 48.7	48.6 48.6	-0.2 -0.1	-0.4% -0.2%	67.9% 69.1%	50.9 50.9	50.9 50.9	0.0	0.0%	67.9% 69.1%	55.2 55.1	55.2 55.1	0.0	0.0%
70.4%	47.5 47.5	47.5	0.2	0.4%	70.4%	48.6	48.6	0.0	0.0%	70.4%	50.9	50.9	0.0	0.0%	70.4%	55.1	55.1	0.0	0.0%
71.6%	47.4	47.5	0.1	0.2%	71.6%	48.6	48.6	0.0	0.0%	71.6%	50.8	50.8	0.0	0.0%	71.6%	55.0	55.1	0.1	0.2%
72.8%	47.4	47.4	0.0	0.0%	72.8%	48.6	48.5	-0.1	-0.2%	72.8%	50.7	50.7	0.0	0.0%	72.8%	54.8	54.8	0.0	0.0%
74.1%	47.3	47.4	0.1	0.2%	74.1%	48.6	48.5	-0.1	-0.2%	74.1%	50.7	50.7	0.0	0.0%	74.1%	54.7	54.8 54.7	0.1	0.2%
75.3% 76.5%	47.3 47.2	47.3 47.2	0.0	0.0%	75.3% 76.5%	48.5 48.4	48.5 48.5	0.0	0.0%	75.3% 76.5%	50.6 50.6	50.6 50.6	0.0	0.0%	75.3% 76.5%	54.7 54.6	54.7 54.6	0.0	0.0%
77.8%	47.2	47.2	0.0	0.0%	77.8%	48.3	48.4	0.1	0.2%	77.8%	50.6	50.6	0.0	0.0%	77.8%	54.6	54.6	0.0	0.0%
79.0%	47.2	47.1	-0.1	-0.2%	79.0%	48.3	48.4	0.1	0.2%	79.0%	50.5	50.5	0.0	0.0%	79.0%	54.5	54.5	0.0	0.0%
80.2%	47.1	47.0	-0.1	-0.2%	80.2%	48.3	48.3	0.0	0.0%	80.2%	50.4	50.4	0.0	0.0%	80.2%	54.5	54.5	0.0	0.0%
81.5%	47.1	47.0	-0.1	-0.2%	81.5%	48.3	48.2	-0.1	-0.2%	81.5%	50.4	50.4	0.0	0.0%	81.5%	54.5	54.4	-0.1	-0.2%
82.7% 84.0%	47.0 47.0	47.0 46.9	0.0 -0.1	0.0%	82.7% 84.0%	48.2 48.1	48.0 48.0	-0.2 -0.1	-0.4% -0.2%	82.7% 84.0%	50.3 50.2	50.3 50.2	0.0	0.0%	82.7% 84.0%	54.4 54.4	54.4 54.4	0.0	0.0%
85.2%	47.0	46.9	-0.1	-0.2%	85.2%	48.1	48.0	-0.1	-0.2%	85.2%	50.2	50.2	0.0	0.0%	85.2%	54.4	54.4	0.0	0.0%
86.4%	46.9	46.7	-0.2	-0.4%	86.4%	48.0	47.9	-0.1	-0.2%	86.4%	50.2	50.2	0.0	0.0%	86.4%	54.3	54.3	0.0	0.0%
87.7%	46.9	46.6	-0.3	-0.6%	87.7%	47.9	47.9	0.0	0.0%	87.7%	50.2	50.2	0.0	0.0%	87.7%	54.3	54.3	0.0	0.0%
88.9% 90.1%	46.6 46.5	46.6 46.5	0.0	0.0%	88.9% 90.1%	47.9 47.9	47.9 47.9	0.0	0.0%	88.9% 90.1%	50.0 50.0	50.0 50.0	0.0	0.0%	88.9% 90.1%	54.3 54.2	54.3 54.2	0.0	0.0%
90.1%	46.5 46.4	46.5 46.4	0.0	0.0%	90.1%	47.9 47.8	47.9	0.0	0.0%	90.1%	50.0 49.9	50.0 49.9	0.0	0.0%	90.1%	54.2 54.2	54.2	0.0	0.0%
92.6%	46.3	46.3	0.0	0.0%	92.6%	47.8	47.8	0.0	0.0%	92.6%	49.8	49.8	0.0	0.0%	92.6%	54.1	54.1	0.0	0.0%
93.8%	46.3	46.3	0.0	0.0%	93.8%	47.7	47.7	0.0	0.0%	93.8%	49.8	49.8	0.0	0.0%	93.8%	54.0	54.0	0.0	0.0%
95.1%	46.3	46.3	0.0	0.0%	95.1%	47.7	47.7	0.0	0.0%	95.1%	49.8	49.8	0.0	0.0%	95.1%	54.0	54.0	0.0	0.0%
96.3% 97.5%	46.2 46.1	46.2 46.1	0.0	0.0%	96.3% 97.5%	47.6 47.6	47.6 47.5	0.0 -0.1	0.0%	96.3% 97.5%	49.7 49.6	49.7 49.6	0.0	0.0%	96.3% 97.5%	54.0 54.0	54.0 54.0	0.0	0.0%
97.5%	46.1 46.1	46.1 46.1	0.0	0.0%	97.5%	47.6 47.3	47.5 47.3	-0.1	-0.2%	97.5%	49.6 49.6	49.6 49.6	0.0	0.0%	97.5%	54.0 53.6	54.0	0.0	0.0%
100.0%	46.1	46.1	0.0	0.0%	100.0%	47.3	47.3	0.0	0.0%	100.0%	49.6	49.6	0.0	0.0%	100.0%	53.6	53.6	0.0	0.0%

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

August

September

Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)	Dilitaranaa (70)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (10)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (70)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (70)
0.0%	59.0	58.9	-0.1	-0.2%	0.0%	64.7	64.7	0.0	0.0%	0.0%	63.6	65.0	1.4	2.2%	0.0%	60.0	59.9	-0.1	-0.2%
1.2%	58.7	58.8	0.1	0.2%	1.2%	63.1	63.4	0.3	0.5%	1.2%	63.1	64.5	1.4	2.2%	1.2%	58.7	58.9	0.2	0.3%
2.5%	58.5	58.6	0.1	0.2%	2.5%	62.8	62.2	-0.6	-1.0%	2.5%	62.9	63.8	0.9	1.4%	2.5%	58.1	58.3	0.2	0.3%
3.7%	58.5	58.3	-0.2	-0.3%	3.7%	62.4	62.1	-0.3	-0.5%	3.7%	62.9	63.6	0.7	1.1%	3.7%	57.9	57.8	-0.1	-0.2%
4.9%	58.4	58.3	-0.2	-0.2%	4.9%	62.3	62.0	-0.3	-0.5%	4.9%	62.9	63.1	0.2	0.3%	4.9%	57.7	57.8	0.1	0.2%
6.2%	58.3	58.3	0.0	0.0%	6.2%	62.1	61.9	-0.2	-0.3%	6.2%	62.7	62.6	-0.1	-0.2%	6.2%	57.7	57.5	-0.2	-0.3%
						61.9	61.7									57.7	57.4		
7.4%	58.3	58.2	-0.1	-0.2%	7.4%			-0.2	-0.3%	7.4%	62.6	62.4	-0.2	-0.3%	7.4%			-0.3	-0.5%
8.6%	58.2	58.2	0.0	0.0%	8.6%	61.9	61.7	-0.2	-0.3%	8.6%	62.4	62.2	-0.2	-0.3%	8.6%	56.8	57.1	0.3	0.5%
9.9%	58.2	58.1	-0.1	-0.2%	9.9%	61.6	61.5	-0.1	-0.2%	9.9%	62.3	61.7	-0.6	-1.0%	9.9%	56.8	56.6	-0.2	-0.4%
11.1%	58.2	58.1	-0.1	-0.2%	11.1%	61.5	61.5	0.0	0.0%	11.1%	62.2	61.6	-0.6	-1.0%	11.1%	56.7	56.6	-0.1	-0.2%
12.3%	58.1	58.1	0.0	0.0%	12.3%	61.5	61.3	-0.2	-0.3%	12.3%	62.2	61.5	-0.7	-1.1%	12.3%	56.7	56.5	-0.2	-0.4%
13.6%	58.1	58.1	0.0	0.0%	13.6%	61.4	61.3	-0.1	-0.2%	13.6%	62.0	61.2	-0.8	-1.3%	13.6%	56.6	56.4	-0.2	-0.4%
14.8%	58.1	58.1	0.0	0.0%	14.8%	61.3	61.2	-0.1	-0.2%	14.8%	61.9	61.2	-0.7	-1.1%	14.8%	56.6	56.3	-0.3	-0.5%
16.0%	58.1	58.1	0.0	0.0%	16.0%	61.3	61.2	-0.1	-0.2%	16.0%	61.7	61.0	-0.7	-1.1%	16.0%	56.5	56.2	-0.3	-0.5%
17.3%	58.1	58.1	0.0	0.0%	17.3%	61.3	61.2	-0.1	-0.2%	17.3%	61.6	61.0	-0.6	-1.0%	17.3%	56.4	56.2	-0.2	-0.4%
18.5%	58.1	58.1	0.0	0.0%	18.5%	61.2	61.1	-0.1	-0.2%	18.5%	61.6	61.0	-0.6	-1.0%	18.5%	56.4	56.0	-0.4	-0.7%
19.8%	58.1	58.1	0.0	0.0%	19.8%	61.2	61.1	-0.1	-0.2%	19.8%	61.5	60.9	-0.6	-1.0%	19.8%	56.2	56.0	-0.2	-0.4%
21.0%	58.1	58.0	-0.1	-0.2%	21.0%	61.1	61.1	0.0	0.0%	21.0%	61.5	60.9	-0.6	-1.0%	21.0%	56.2	55.9	-0.3	-0.5%
22.2%	58.1	58.0	-0.1	-0.2%	22.2%	61.1	61.1	0.0	0.0%	22.2%	61.5	60.8	-0.7	-1.1%	22.2%	56.1	55.9	-0.2	-0.4%
23.5%	58.1	58.0	-0.1	-0.2%	23.5%	61.1	61.1	0.0	0.0%	23.5%	61.4	60.8	-0.6	-1.0%	23.5%	56.0	55.8	-0.2	-0.4%
	58.1	58.0				61.0	61.1					60.7				55.9	55.8		
24.7%			-0.1	-0.2%	24.7%			0.1	0.2%	24.7%	61.3		-0.6	-1.0%	24.7%			-0.1	-0.2%
25.9%	58.0	58.0	0.0	0.0%	25.9%	61.0	61.1	0.1	0.2%	25.9%	60.6	60.7	0.1	0.2%	25.9%	55.8	55.6	-0.2	-0.4%
27.2%	58.0	58.0	0.0	0.0%	27.2%	61.0	61.0	0.0	0.0%	27.2%	60.6	60.7	0.1	0.2%	27.2%	55.8	55.6	-0.2	-0.4%
28.4%	58.0	57.9	-0.1	-0.2%	28.4%	61.0	61.0	0.0	0.0%	28.4%	60.6	60.7	0.1	0.2%	28.4%	55.7	55.6	-0.1	-0.2%
29.6%	58.0	57.9	-0.1	-0.2%	29.6%	61.0	61.0	0.0	0.0%	29.6%	60.5	60.7	0.2	0.3%	29.6%	55.7	55.6	-0.1	-0.2%
30.9%	57.9	57.9	0.0	0.0%	30.9%	61.0	61.0	0.0	0.0%	30.9%	60.5	60.7	0.2	0.3%	30.9%	55.7	55.5	-0.2	-0.4%
32.1%	57.9	57.8	-0.1	-0.2%	32.1%	61.0	61.0	0.0	0.0%	32.1%	60.3	60.6	0.3	0.5%	32.1%	55.6	55.5	-0.1	-0.2%
33.3%	57.9	57.8	-0.1	-0.2%	33.3%	61.0	61.0	0.0	0.0%	33.3%	60.3	60.6	0.3	0.5%	33.3%	55.6	55.4	-0.2	-0.4%
34.6%	57.8	57.8	0.0	0.0%	34.6%	61.0	61.0	0.0	0.0%	34.6%	60.3	60.6	0.3	0.5%	34.6%	55.5	55.4	-0.1	-0.2%
35.8%	57.8	57.8	0.0	0.0%	35.8%	61.0	61.0	0.0	0.0%	35.8%	60.3	60.5	0.2	0.3%	35.8%	55.5	55.4	-0.1	-0.2%
37.0%	57.8	57.7	-0.1	-0.2%	37.0%	60.9	60.9	0.0	0.0%	37.0%	60.3	60.5	0.2	0.3%	37.0%	55.5	55.4	-0.1	-0.2%
38.3%	57.8	57.7	-0.1	-0.2%	38.3%	60.9	60.9	0.0	0.0%	38.3%	60.3	60.5	0.2	0.3%	38.3%	55.5	55.3	-0.2	-0.4%
39.5%	57.7	57.7	0.0	0.0%	39.5%	60.9	60.9	0.0	0.0%	39.5%	60.2	60.5	0.2	0.5%	39.5%	55.4	55.3	-0.2	-0.4%
40.7%	57.7	57.7	0.0	0.0%	40.7%	60.9	60.9	0.0	0.0%	40.7%	60.2	60.3	0.1	0.2%	40.7%	55.4	55.3	-0.1	-0.2%
42.0%	57.7	57.7	0.0	0.0%	42.0%	60.9	60.9	0.0		42.0%	60.2	60.3	0.1		40.7%	55.4	55.3	-0.1	-0.2%
42.0%	57.7	57.7	0.0			60.9	60.9	0.0	0.0%					0.2%		55.4	55.3	-0.1	-0.2%
43.2%			0.0	0.0%	43.2%				0.0%	43.2%	60.1	60.2	0.1	0.2%	43.2%			-0.1	-0.2%
44.4%	57.6	57.6	0.0	0.0%	44.4%	60.9	60.9	0.0	0.0%	44.4%	60.1	60.1	0.0	0.0%	44.4%	55.3	55.2	-0.1	-0.2%
45.7%	57.6	57.6	0.0	0.0%	45.7%	60.9	60.9	0.0	0.0%	45.7%	60.1	60.1	0.0	0.0%	45.7%	55.2	55.2	0.0	0.0%
46.9%	57.6	57.6	0.0	0.0%	46.9%	60.9	60.9	0.0	0.0%	46.9%	60.1	60.0	-0.1	-0.2%	46.9%	55.2	55.1	-0.1	-0.2%
48.1%	57.6	57.6	0.0	0.0%	48.1%	60.9	60.9	0.0	0.0%	48.1%	60.1	60.0	-0.1	-0.2%	48.1%	55.2	55.1	-0.1	-0.2%
49.4%	57.6	57.6	0.0	0.0%	49.4%	60.9	60.9	0.0	0.0%	49.4%	60.1	60.0	-0.1	-0.2%	49.4%	55.1	55.0	-0.1	-0.2%
50.6%	57.6	57.5	-0.1	-0.2%	50.6%	60.9	60.9	0.0	0.0%	50.6%	60.0	60.0	0.0	0.0%	50.6%	55.1	54.9	-0.2	-0.4%
51.9%	57.6	57.5	-0.1	-0.2%	51.9%	60.9	60.9	0.0	0.0%	51.9%	60.0	60.0	0.0	0.0%	51.9%	55.0	54.9	-0.1	-0.2%
53.1%	57.5	57.4	-0.1	-0.2%	53.1%	60.9	60.9	0.0	0.0%	53.1%	60.0	60.0	0.0	0.0%	53.1%	55.0	54.8	-0.2	-0.4%
54.3%	57.5	57.4	-0.1	-0.2%	54.3%	60.8	60.9	0.1	0.2%	54.3%	60.0	59.9	-0.1	-0.2%	54.3%	55.0	54.8	-0.2	-0.4%
55.6%	57.5	57.4	-0.1	-0.2%	55.6%	60.8	60.8	0.0	0.0%	55.6%	60.0	59.9	-0.1	-0.2%	55.6%	55.0	54.8	-0.2	-0.4%
56.8%	57.5	57.4	-0.1	-0.2%	56.8%	60.8	60.8	0.0	0.0%	56.8%	60.0	59.9	-0.1	-0.2%	56.8%	54.9	54.7	-0.2	-0.4%
58.0%	57.5	57.4	-0.1	-0.2%	58.0%	60.8	60.8	0.0	0.0%	58.0%	59.9	59.9	0.0	0.0%	58.0%	54.8	54.7	-0.1	-0.2%
59.3%	57.5	57.4	-0.1	-0.2%	59.3%	60.8	60.8	0.0	0.0%	59.3%	59.9	59.9	0.0	0.0%	59.3%	54.8	54.7	-0.1	-0.2%
60.5%	57.5	57.4	-0.1	-0.2%	60.5%	60.8	60.8	0.0	0.0%	60.5%	59.9	59.9	0.0	0.0%	60.5%	54.8	54.6	-0.2	-0.4%
61.7%	57.5	57.4	-0.1	-0.2%	61.7%	60.8	60.8	0.0	0.0%	61.7%	59.9	59.9	0.0	0.0%	61.7%	54.8	54.6	-0.2	-0.4%
63.0%	57.4	57.4	0.0	0.0%	63.0%	60.7	60.8	0.1	0.2%	63.0%	59.9	59.9	0.0	0.0%	63.0%	54.7	54.6	-0.1	-0.2%
64.2%	57.4	57.3	-0.1	-0.2%	64.2%	60.7	60.8	0.1	0.2%	64.2%	59.9	59.9	0.0	0.0%	64.2%	54.7	54.6	-0.1	-0.2%
65.4%	57.4	57.3	-0.1	-0.2%	65.4%	60.7	60.7	0.0	0.0%	65.4%	59.9	59.9	0.0	0.0%	65.4%	54.7	54.6	-0.1	-0.2%
66.7%	57.4	57.3	-0.1	-0.2%	66.7%	60.7	60.7	0.0	0.0%	66.7%	59.8	59.8	0.0	0.0%	66.7%	54.6	54.6	0.0	0.0%
67.9%	57.4	57.3	-0.1	-0.2%	67.9%	60.7	60.7	0.0	0.0%	67.9%	59.8	59.8	0.0	0.0%	67.9%	54.6	54.5	-0.1	-0.2%
69.1%	57.4	57.3	-0.1	-0.2%	69.1%	60.7	60.7	0.0	0.0%	69.1%	59.8	59.8	0.0	0.0%	69.1%	54.6	54.5	-0.1	-0.2%
70.4%	57.4	57.3	-0.1	-0.2%	70.4%	60.7	60.7	0.0	0.0%	70.4%	59.8	59.8	0.0	0.0%	70.4%	54.6	54.5	-0.1	-0.2%
71.6%	57.4	57.3	-0.1	-0.2%	71.6%	60.7	60.7	0.0	0.0%	71.6%	59.8	59.8	0.0	0.0%	71.6%	54.5	54.5	0.0	0.0%
72.8%	57.3	57.2	-0.1	-0.2%	72.8%	60.7	60.7	0.0	0.0%	72.8%	59.7	59.8	0.1	0.2%	72.8%	54.5	54.5	0.0	0.0%
74.1%	57.3	57.2	-0.1	-0.2%	74.1%	60.7	60.7	0.0	0.0%	74.1%	59.7	59.7	0.0	0.0%	74.1%	54.5	54.4	-0.1	-0.2%
75.3%	57.2	57.2	0.0	0.0%	75.3%	60.7	60.7	0.0	0.0%	75.3%	59.7	59.7	0.0	0.0%	75.3%	54.5	54.4	-0.1	-0.2%
76.5%	57.2	57.2	0.0	0.0%	76.5%	60.7	60.7	0.0	0.0%	76.5%	59.7	59.7	0.0	0.0%	76.5%	54.5	54.4	-0.1	-0.2%
77.8%	57.1	57.1	0.0	0.0%	77.8%	60.7	60.6		-0.2%	77.8%		59.7	0.0	0.0%	77.8%	54.4	54.4	0.0	0.0%
77.8%	57.1 57.1	57.1 57.1	0.0	0.0%	77.8%	60.7	60.6	-0.1 0.0	-0.2% 0.0%	77.8%	59.7 59.7	59.7 59.7	0.0	0.0%	77.8%	54.4 54.4	54.4 54.4	0.0	0.0%
80.2%	57.1	57.1	0.0	0.0%	80.2%	60.6	60.6	0.0	0.0%	80.2%	59.6	59.7	0.1	0.2%	80.2%	54.4	54.4	0.0	0.0%
81.5%	57.1	57.1	0.0	0.0%	81.5%	60.6	60.6	0.0	0.0%	81.5%	59.6	59.7	0.1	0.2%	81.5%	54.4	54.4	0.0	0.0%
82.7%	57.1	57.1	0.0	0.0%	82.7%	60.6	60.6	0.0	0.0%	82.7%	59.6	59.7	0.1	0.2%	82.7%	54.3	54.3	0.0	0.0%
84.0%	57.1	57.1	0.0	0.0%	84.0%	60.6	60.6	0.0	0.0%	84.0%	59.6	59.7	0.1	0.2%	84.0%	54.3	54.3	0.0	0.0%
85.2%	57.1	57.0	-0.1	-0.2%	85.2%	60.6	60.6	0.0	0.0%	85.2%	59.6	59.7	0.1	0.2%	85.2%	54.2	54.3	0.1	0.2%
86.4%	57.0	57.0	0.0	0.0%	86.4%	60.6	60.6	0.0	0.0%	86.4%	59.6	59.6	0.0	0.0%	86.4%	54.2	54.2	0.0	0.0%
87.7%	57.0	56.9	-0.1	-0.2%	87.7%	60.6	60.6	0.0	0.0%	87.7%	59.6	59.6	0.0	0.0%	87.7%	54.2	54.2	0.0	0.0%
88.9%	56.9	56.9	0.0	0.0%	88.9%	60.6	60.6	0.0	0.0%	88.9%	59.5	59.6	0.1	0.2%	88.9%	54.2	54.2	0.0	0.0%
90.1%	56.9	56.9	0.0	0.0%	90.1%	60.5	60.5	0.0	0.0%	90.1%	59.5	59.5	0.0	0.0%	90.1%	54.2	54.2	0.0	0.0%
91.4%	56.9	56.8	-0.1	-0.2%	91.4%	60.5	60.5	0.0	0.0%	91.4%	59.5	59.5	0.0	0.0%	91.4%	54.2	54.2	0.0	0.0%
92.6%	56.7	56.7	0.0	0.0%	92.6%	60.5	60.5	0.0	0.0%	92.6%	59.5	59.5	0.0	0.0%	92.6%	54.2	54.1	-0.1	-0.2%
93.8%	56.7	56.6	-0.1	-0.2%	93.8%	60.5	60.5	0.0	0.0%	93.8%	59.5 59.5	59.5 59.5	0.0	0.0%	93.8%	54.2 54.1	54.1	0.0	0.0%
95.1%	56.7 56.5	56.5	-0.1	0.0%	95.1%	60.5	60.5	0.0		95.1%	59.5 59.5	59.5 59.5	0.0	0.0%	93.8%	54.1 54.1	54.1 54.1	0.0	
									0.0%										0.0%
96.3%	56.3	56.3	0.0	0.0%	96.3%	60.5	60.5	0.0	0.0%	96.3%	59.5	59.5	0.0	0.0%	96.3%	54.1	54.1	0.0	0.0%
97.5%	56.3	56.3	0.0	0.0%	97.5%	60.5	60.5	0.0	0.0%	97.5%	59.5	59.4	-0.1	-0.2%	97.5%	54.1	54.0	-0.1	-0.2%
98.8%	56.1	56.1	0.0	0.0%	98.8%	60.4	60.3	-0.1	-0.2%	98.8%	59.5	59.4	-0.1	-0.2%	98.8%	53.9	53.9	0.0	0.0%
100.0%	56.1	56.1	0.0	0.0%	100.0%	60.4	60.3	-0.1	-0.2%	100.0%	59.5	59.4	-0.1	-0.2%	100.0%	53.9	53.9	0.0	0.0%

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

					Mon	thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	g-term							
Full Simulation Period ¹												
No Action Alternative	58.8	53.0	47.1	46.5	49.7	53.0	56.5	62.2	67.0	68.7	68.7	62.8
Alternative A	58.8	53.0	47.0	46.5	49.6	52.9	56.5	62.0	67.1	68.7	68.8	62.8
Difference	0.0	-0.1	-0.1	0.0	0.0	-0.1	0.0	-0.1	0.1	0.0	0.1	0.0
Percent Difference ³	0.0%	-0.1%	-0.3%	0.1%	-0.1%	-0.2%	0.0%	-0.2%	0.1%	0.0%	0.1%	0.0%
				Water Y	ear Types	2						
Vet (32%)												
No Action Alternative	58.4	53.1	47.3	47.1	49.0	51.2	55.0	60.5	65.5	69.4	69.5	60.8
Alternative A	58.6	53.1	47.3	47.2	48.9	51.2	55.0	60.5	65.5	69.4	70.0	60.7
Difference	0.2	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	-0.1
Percent Difference	0.3%	0.0%	-0.2%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.7%	-0.2%
Above Normal (15%)												
No Action Alternative	58.4	51.9	46.7	46.6	49.4	52.6	57.1	62.7	67.3	67.6	67.3	61.3
Alternative A	58.5	51.9	46.6	46.6	49.4	52.2	57.1	62.7	67.5	67.6	67.6	61.2
Difference	0.1	0.0	-0.1	0.0	0.0	-0.3	0.0	0.0	0.2	-0.1	0.4	-0.2
Percent Difference	0.2%	0.0%	-0.3%	0.0%	0.0%	-0.6%	0.0%	0.0%	0.3%	-0.1%	0.5%	-0.3%
Below Normal (17%)												
No Action Alternative	59.4	53.1	46.5	46.2	49.6	53.7	57.4	62.6	67.4	68.0	68.0	65.2
Alternative A	59.5	53.1	46.4	46.1	49.6	53.6	57.4	62.6	67.5	68.0	68.3	65.0
Difference	0.1	0.0	0.0	-0.1	0.0	-0.1	0.0	-0.1	0.1	0.0	0.3	-0.1
Percent Difference	0.2%	0.0%	-0.1%	-0.2%	0.0%	-0.2%	0.1%	-0.1%	0.2%	0.0%	0.5%	-0.2%
Dry (22%)												
No Action Alternative	59.1	53.2	47.5	45.7	50.1	54.5	57.3	62.9	68.1	67.9	67.5	63.8
Alternative A	59.1	53.2	47.2	45.7	50.1	54.3	57.4	62.7	68.2	68.0	67.3	64.1
Difference	0.0	0.1	-0.3	0.0	0.0	-0.1	0.1	-0.1	0.1	0.1	-0.2	0.4
Percent Difference	0.0%	0.1%	-0.6%	0.0%	0.0%	-0.3%	0.1%	-0.2%	0.2%	0.1%	-0.3%	0.6%
Critical (15%)												
No Action Alternative	59.2	53.8	47.4	46.2	50.8	53.9	57.0	63.3	67.7	70.2	70.6	64.1
Alternative A	58.5	53.2	47.3	46.4	50.6	54.0	56.8	62.7	67.8	70.0	69.7	64.0
Difference	-0.7	-0.5	-0.1	0.2	-0.1	0.1	-0.3	-0.6	0.2	-0.2	-0.9	-0.1
Percent Difference	-1.2%	-1.0%	-0.3%	0.5%	-0.2%	0.1%	-0.5%	-0.9%	0.3%	-0.3%	-1.3%	-0.19

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



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

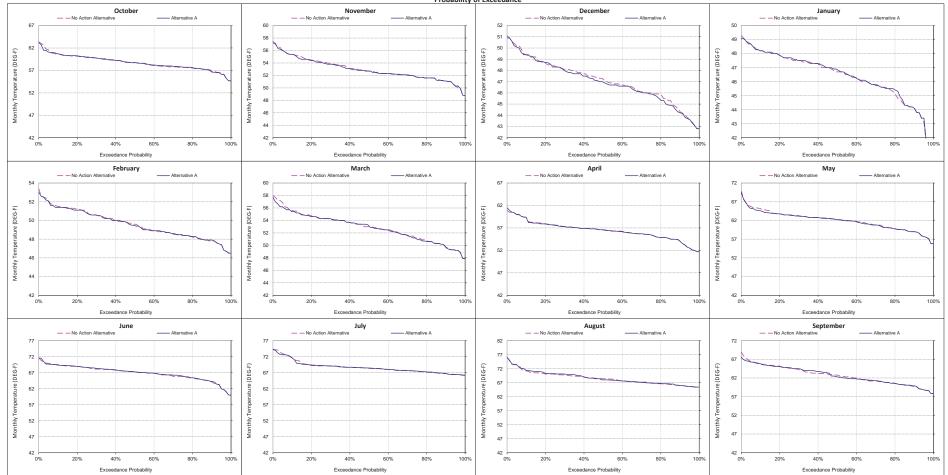


Table SQ-16-3b

Feather River below Thermalito Afterbay, Monthly Temperature Probability of Exceedance

-		October					November					December					January		
Percent	No Action Alternative	Alternative A	Absolute		Percent	No Action Alternative	Alternative A	Absolute		Percent	No Action Alternative	Alternative A	Absolute		Percent	No Action Alternative	Alternative A	Absolute	
Exceedance			Difference	Relative	Exceedance			Difference	Relative	Exceedance			Difference	Relative	Exceedance			Difference	Relative
Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	63.4	63.2	-0.2	-0.3%	0.0%	57.5	57.2	-0.3	-0.5%	0.0%	51.1	50.9	-0.2	-0.4%	0.0%	49.3	49.1	-0.2	-0.4%
1.2%	63.0	62.7	-0.3	-0.5%	1.2%	57.0	57.2	0.2	0.4%	1.2%	50.9	50.9	0.0	0.0%	1.2%	49.1	49.1	0.0	0.0%
2.5%	62.7	61.5	-1.2	-1.9%	2.5%	56.6	56.4	-0.2	-0.4%	2.5%	50.6	50.6	0.0	0.0%	2.5%	48.9	48.9	0.0	0.0%
3.7%	61.8	61.5	-0.3	-0.5%	3.7%	56.5	56.2	-0.3	-0.5%	3.7%	50.4	50.2	-0.2	-0.4%	3.7%	48.8	48.7	-0.1	-0.2%
4.9%	61.6	61.1	-0.5	-0.8%	4.9%	56.0	56.0	0.0	0.0%	4.9%	50.2	50.1	-0.1	-0.2%	4.9%	48.7	48.7	0.0	0.0%
6.2%	61.0	61.0	0.0	0.0%	6.2%	55.8	55.8	0.0	0.0%	6.2%	50.2	50.0	-0.2	-0.4%	6.2%	48.5	48.5	0.0	0.0%
7.4%	60.8	61.0	0.2	0.3%	7.4%	55.5	55.5	0.0	0.0%	7.4%	49.9	49.6	-0.3	-0.6%	7.4%	48.4	48.3	-0.1	-0.2%
8.6%	60.7	60.9	0.2	0.3%	8.6%	55.4	55.4	0.0	0.0%	8.6%	49.5	49.4	-0.1	-0.2%	8.6%	48.2	48.3	0.1	0.2%
9.9%	60.6	60.7	0.1	0.2%	9.9%	55.4	55.4	0.0	0.0%	9.9%	49.4	49.4	0.0	0.0%	9.9%	48.2	48.2	0.0	0.0%
11.1%	60.6	60.6	0.0	0.0%	11.1%	55.3	55.3	0.0	0.0%	11.1%	49.3	49.4	0.1	0.2%	11.1%	48.2	48.2	0.0	0.0%
12.3%	60.5	60.4	-0.1	-0.2%	12.3%	55.3 55.2	55.0 55.0	-0.2	-0.4%	12.3%	49.3	49.4	-0.1	-0.2%	12.3%	48.1	48.1	0.0	0.0%
13.6%	60.3	60.4	0.1	0.2%	13.6%	55.1	54.7	-0.4	-0.7%	13.6%	49.2	49.2	0.0	0.0%	13.6%	48.1	48.1	0.0	0.0%
14.8%	60.3	60.3	0.0	0.0%	14.8%	55.0	54.6	-0.4	-0.7%	14.8%	49.2	48.9	-0.3	-0.6%	14.8%	48.1	48.1	0.0	0.0%
16.0%	60.3	60.3	0.0	0.0%	16.0%	54.8	54.6	-0.2	-0.4%	16.0%	48.9	48.8	-0.1	-0.2%	16.0%	48.1	48.0	-0.1	-0.2%
17.3%	60.2	60.3	0.1	0.2%	17.3%	54.6	54.6	0.0	0.0%	17.3%	48.8	48.8	0.0	0.0%	17.3%	48.0	48.0	0.0	0.0%
18.5%	60.2	60.3	0.1	0.2%	18.5%	54.6	54.5	-0.1	-0.2%	18.5%	48.7	48.8	0.1	0.2%	18.5%	48.0	48.0	0.0	0.0%
19.8%	60.2	60.3	0.1	0.2%	19.8%	54.5	54.4	-0.1	-0.2%	19.8%	48.7	48.7	0.0	0.0%	19.8%	47.9	47.9	0.0	0.0%
21.0%	60.1	60.2	0.1	0.2%	21.0%	54.4	54.4	0.0	0.0%	21.0%	48.5	48.7	0.2	0.4%	21.0%	47.8	47.8	0.0	0.0%
22.2%	60.1	60.1	0.0	0.0%	22.2%	54.4	54.2	-0.2	-0.4%	22.2%	48.5	48.6	0.1	0.2%	22.2%	47.7	47.7	0.0	0.0%
23.5%	60.0	60.1	0.1	0.2%	23.5%	54.3	54.1	-0.2	-0.4%	23.5%	48.3	48.4	0.1	0.2%	23.5%	47.7	47.7	0.0	0.0%
24.7%	60.0	59.9	-0.1	-0.2%	24.7%	54.2	54.1	-0.1	-0.2%	24.7%	48.3	48.4	0.1	0.2%	24.7%	47.6	47.7	0.1	0.2%
25.9%	60.0	59.9	-0.1	-0.2%	25.9%	54.1	54.0	-0.1	-0.2%	25.9%	48.3	48.3	0.0	0.0%	25.9%	47.6	47.7	0.1	0.2%
27.2%	59.9	59.9	0.0	0.0%	27.2%	54.1	53.9	-0.2	-0.4%	27.2%	48.2	48.3	0.1	0.2%	27.2%	47.5	47.6	0.1	0.2%
28.4%	59.8	59.9	0.1	0.2%	28.4%	54.0	53.8	-0.2	-0.4%	28.4%	48.2	48.2	0.0	0.0%	28.4%	47.5	47.6	0.1	0.2%
29.6%	59.8	59.8	0.0	0.0%	29.6%	53.9	53.8	-0.1	-0.2%	29.6%	48.1	48.0	-0.1	-0.2%	29.6%	47.5	47.5	0.0	0.0%
30.9%	59.7	59.7	0.0	0.0%	30.9%	53.8	53.8	0.0	0.0%	30.9%	48.1	47.9	-0.1	-0.4%	30.9%	47.5	47.5	0.0	0.0%
30.9%	59.7 59.6	59.7 59.6	0.0	0.0%	30.9%	53.8	53.6	-0.1	-0.2%	32.1%	46.1	47.9 47.8	-0.2	-0.6%	30.9%	47.5 47.4	47.5 47.5	0.0	0.2%
33.3%	59.5	59.6	0.0	0.0%	33.3%	53.7	53.6	-0.1	-0.2%	33.3%	48.0	47.8	-0.3	-0.4%	33.3%	47.4	47.5	0.1	
33.3%	59.5 59.4	59.6 59.6	0.1	0.2%	33.3%	53.7	53.b 53.6	-0.1	-0.2%	33.3%	48.0 48.0	47.8 47.7		-0.4%	33.3%	47.4 47.4	47.5 47.4	0.1	0.2%
													-0.3						
35.8%	59.4	59.4	0.0	0.0%	35.8%	53.6	53.4	-0.2	-0.4%	35.8%	47.9	47.7	-0.2	-0.4%	35.8%	47.4	47.3	-0.1	-0.2%
37.0%	59.3	59.4	0.1	0.2%	37.0%	53.6	53.3	-0.3	-0.6%	37.0%	47.8	47.7	-0.1	-0.2%	37.0%	47.3	47.3	0.0	0.0%
38.3%	59.3	59.4	0.1	0.2%	38.3%	53.4	53.1	-0.3	-0.6%	38.3%	47.8	47.7	-0.1	-0.2%	38.3%	47.3	47.3	0.0	0.0%
39.5%	59.2	59.3	0.1	0.2%	39.5%	53.1	53.1	0.0	0.0%	39.5%	47.7	47.5	-0.2	-0.4%	39.5%	47.3	47.3	0.0	0.0%
40.7%	59.2	59.2	0.0	0.0%	40.7%	53.1	53.0	-0.1	-0.2%	40.7%	47.7	47.5	-0.2	-0.4%	40.7%	47.3	47.2	-0.1	-0.2%
42.0%	59.2	59.2	0.0	0.0%	42.0%	53.1	52.9	-0.2	-0.4%	42.0%	47.5	47.4	-0.1	-0.2%	42.0%	47.0	47.2	0.2	0.4%
43.2%	59.0	59.1	0.1	0.2%	43.2%	53.1	52.9	-0.2	-0.4%	43.2%	47.5	47.3	-0.2	-0.4%	43.2%	47.0	47.1	0.1	0.2%
44.4%	59.0	58.9	-0.1	-0.2%	44.4%	52.9	52.8	-0.1	-0.2%	44.4%	47.5	47.3	-0.2	-0.4%	44.4%	47.0	47.0	0.0	0.0%
45.7%	58.9	58.8	-0.1	-0.2%	45.7%	52.9	52.8	-0.1	-0.2%	45.7%	47.4	47.1	-0.3	-0.6%	45.7%	47.0	47.0	0.0	0.0%
46.9%	58.8	58.8	0.0	0.0%	46.9%	52.8	52.8	0.0	0.0%	46.9%	47.4	47.1	-0.3	-0.6%	46.9%	46.9	47.0	0.1	0.2%
48.1%	58.8	58.7	-0.1	-0.2%	48.1%	52.8	52.7	-0.1	-0.2%	48.1%	47.3	47.0	-0.3	-0.6%	48.1%	46.8	46.9	0.1	0.2%
49.4%	58.8	58.7	-0.1	-0.2%	49.4%	52.7	52.7	0.0	0.0%	49.4%	47.3	47.0	-0.3	-0.6%	49.4%	46.7	46.9	0.2	0.4%
50.6%	58.7	58.7	0.0	0.0%	50.6%	52.7	52.7	0.0	0.0%	50.6%	47.1	46.9	-0.2	-0.4%	50.6%	46.7	46.8	0.1	0.2%
51.9%	58.7	58.6	-0.1	-0.2%	51.9%	52.7	52.5	-0.2	-0.4%	51.9%	47.0	46.8	-0.2	-0.4%	51.9%	46.7	46.7	0.0	0.0%
53.1%	58.6	58.6	0.0	0.0%	53.1%	52.5	52.5	0.0	0.0%	53.1%	46.9	46.7	-0.2	-0.4%	53.1%	46.7	46.7	0.0	0.0%
54.3%	58.6	58.6	0.0	0.0%	54.3%	52.5	52.4	-0.1	-0.2%	54.3%	46.9	46.7	-0.2	-0.4%	54.3%	46.5	46.6	0.1	0.2%
55.6%	58.6	58.4	-0.2	-0.3%	55.6%	52.4	52.3	-0.1	-0.2%	55.6%	46.8	46.7	-0.1	-0.2%	55.6%	46.5	46.5	0.0	0.0%
56.8%	58.3	58.4	0.2	0.2%	56.8%	52.4	52.3	0.0	0.0%	56.8%	46.8	46.7	-0.1	-0.2%	56.8%	46.4	46.4	0.0	0.0%
						52.3	52.3 52.3												
58.0%	58.2	58.3	0.1	0.2%	58.0%			0.0	0.0%		46.8	46.6	-0.2	-0.4%	58.0%	46.3	46.4	0.1	0.2%
59.3%	58.1	58.2	0.1	0.2%	59.3%	52.3	52.3	0.0	0.0%	59.3%	46.7	46.6	-0.1	-0.2%	59.3%	46.3	46.3	0.0	0.0%
60.5%	58.1	58.2	0.1	0.2%	60.5%	52.3	52.3	0.0	0.0%	60.5%	46.7	46.6	-0.1	-0.2%	60.5%	46.3	46.2	-0.1	-0.2%
61.7%	58.0	58.1	0.1	0.2%	61.7%	52.3	52.2	-0.1	-0.2%	61.7%	46.6	46.6	0.0	0.0%	61.7%	46.1	46.1	0.0	0.0%
63.0%	58.0	58.1	0.1	0.2%	63.0%	52.2	52.2	0.0	0.0%	63.0%	46.6	46.6	0.0	0.0%	63.0%	46.0	46.1	0.1	0.2%
64.2%	57.9	58.1	0.2	0.3%	64.2%	52.2	52.2	0.0	0.0%	64.2%	46.6	46.5	-0.1	-0.2%	64.2%	46.0	46.1	0.1	0.2%
65.4%	57.9	58.0	0.1	0.2%	65.4%	52.2	52.1	-0.1	-0.2%	65.4%	46.5	46.3	-0.2	-0.4%	65.4%	46.0	46.0	0.0	0.0%
66.7%	57.9	58.0	0.1	0.2%	66.7%	52.1	52.1	0.0	0.0%	66.7%	46.3	46.2	-0.1	-0.2%	66.7%	45.9	45.9	0.0	0.0%
67.9%	57.8	58.0	0.2	0.3%	67.9%	52.1	52.1	0.0	0.0%	67.9%	46.2	46.1	-0.1	-0.2%	67.9%	45.8	45.8	0.0	0.0%
69.1%	57.8	58.0	0.2	0.3%	69.1%	52.1	52.1	0.0	0.0%	69.1%	46.1	46.1	0.0	0.0%	69.1%	45.8	45.8	0.0	0.0%
70.4%	57.8	57.9	0.1	0.2%	70.4%	52.1	52.0	-0.1	-0.2%	70.4%	46.1	46.0	-0.1	-0.2%	70.4%	45.8	45.7	-0.1	-0.2%
71.6%	57.8	57.9	0.1	0.2%	71.6%	52.0	52.0	0.0	0.0%	71.6%	46.0	46.0	0.0	0.0%	71.6%	45.7	45.7	0.0	0.0%
72.8%	57.7	57.9	0.2	0.3%	72.8%	52.0	52.0	0.0	0.0%	72.8%	46.0	46.0	0.0	0.0%	72.8%	45.6	45.6	0.0	0.0%
74.1%	57.7	57.8	0.1	0.2%	74.1%	51.8	51.8	0.0	0.0%	74.1%	46.0	45.9	-0.1	-0.2%	74.1%	45.6	45.6	0.0	0.0%
75.3%	57.7	57.7	0.0	0.0%	75.3%	51.7	51.7	0.0	0.0%	75.3%	46.0	45.9	-0.1	-0.2%	75.3%	45.6	45.5	-0.1	-0.2%
76.5%	57.7	57.7	0.0	0.0%	76.5%	51.7	51.7	0.0	0.0%	76.5%	45.9	45.8	-0.1	-0.2%	76.5%	45.5	45.5	0.0	0.0%
77.8%	57.6	57.7	0.1	0.2%	77.8%	51.7	51.7	0.0	0.0%	77.8%	45.9	45.7	-0.2	-0.4%	77.8%	45.4	45.5	0.1	0.2%
79.0%	57.6	57.7	0.1	0.2%	79.0%	51.6	51.6	0.0	0.0%	79.0%	45.9	45.5	-0.2	-0.4%	79.0%	45.3	45.5	0.1	0.4%
80.2% 81.5%	57.5 57.5	57.6 57.4	0.1 -0.1	0.2% -0.2%	80.2% 81.5%	51.6 51.6	51.6 51.6	0.0	0.0%	80.2% 81.5%	45.8 45.5	45.3 45.3	-0.5 -0.2	-1.1% -0.4%	80.2% 81.5%	45.1 44.8	45.4 45.3	0.3	0.7% 1.1%
							51.6 51.6									44.8 44.7			
82.7%	57.4	57.4	0.0	0.0%	82.7%	51.6		0.0	0.0%	82.7%	45.5	45.0	-0.5	-1.1%	82.7%		44.9 44.7	0.2	0.4%
84.0%	57.4	57.4	0.0	0.0%	84.0%	51.6	51.6	0.0	0.0%	84.0%	45.3	44.9	-0.4	-0.9%	84.0%	44.5		0.2	0.4%
85.2%	57.3	57.3	0.0	0.0%	85.2%	51.3	51.2	-0.1	-0.2%	85.2%	45.3	44.9	-0.4	-0.9%	85.2%	44.3	44.3	0.0	0.0%
86.4%	57.3	57.2	-0.1	-0.2%	86.4%	51.3	51.2	-0.1	-0.2%	86.4%	44.9	44.8	-0.1	-0.2%	86.4%	44.3	44.3	0.0	0.0%
87.7%	57.2	57.2	0.0	0.0%	87.7%	51.2	51.2	0.0	0.0%	87.7%	44.8	44.5	-0.3	-0.7%	87.7%	44.2	44.2	0.0	0.0%
88.9%	57.2	57.0	-0.2	-0.3%	88.9%	51.2	51.1	-0.1	-0.2%	88.9%	44.6	44.3	-0.3	-0.7%	88.9%	44.2	44.2	0.0	0.0%
90.1%	56.8	56.6	-0.2	-0.4%	90.1%	51.1	51.1	0.0	0.0%	90.1%	44.3	44.2	-0.1	-0.2%	90.1%	44.1	44.1	0.0	0.0%
91.4%	56.8	56.6	-0.2	-0.4%	91.4%	51.0	51.0	0.0	0.0%	91.4%	44.1	44.2	0.1	0.2%	91.4%	43.8	43.8	0.0	0.0%
92.6%	56.6	56.5	-0.1	-0.2%	92.6%	51.0	51.0	0.0	0.0%	92.6%	44.0	43.8	-0.2	-0.5%	92.6%	43.8	43.8	0.0	0.0%
93.8%	56.5	56.5	0.0	0.0%	93.8%	50.6	50.6	0.0	0.0%	93.8%	43.8	43.7	-0.1	-0.2%	93.8%	43.4	43.4	0.0	0.0%
95.1%	56.5	56.1	-0.4	-0.7%	95.1%	50.2	50.3	0.1	0.2%	95.1%	43.6	43.6	0.0	0.0%	95.1%	43.1	43.4	0.3	0.7%
96.3%	56.1	56.1	0.0	0.0%	96.3%	50.1	50.3	0.1	0.4%	96.3%	43.4	43.3	-0.1	-0.2%	96.3%	41.6	41.7	0.1	0.2%
97.5%	55.2	55.2	0.0	0.0%	97.5%	49.9	49.9	0.0	0.0%	97.5%	43.1	43.1	0.0	0.0%	97.5%	41.4	41.4	0.0	0.0%
98.8%	54.7	54.7	0.0	0.0%	98.8%	48.8	48.8	0.0	0.0%	98.8%	42.8	42.8	0.0	0.0%	98.8%	41.2	41.3	0.0	0.2%
100.0%	54.7	54.7	0.0	0.0%	100.0%	48.8	48.8	0.0	0.0%	100.0%	42.8	42.8	0.0	0.0%	100.0%	41.2	41.3	0.1	0.2%
100.0%	J4.1	J+.1	0.0	0.070	100.078	TO.0	70.0	0.0	0.070	100.0%	42.0	74.0	0.0	0.070	100.0%	71.4	71.3	V. I	U.Z./0

Table SQ-16-3b

Feather River below Thermalito Afterbay, Monthly Temperature Probability of Exceedance

-		February					March					April					May		
Percent	No Action Alternative	Alternative A	Absolute		Percent	No Action Alternative	Alternative A	Absolute		Percent	No Action Alternative	Alternative A	Absolute		Percent	No Action Alternative	Alternative A	Absolute	
Exceedance			Difference	Relative	Exceedance			Difference	Relative	Exceedance			Difference	Relative	Exceedance			Difference	Relative
Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	53.4	53.0	-0.4	-0.7%	0.0%	58.0	57.7	-0.3	-0.5%	0.0%	60.9	61.5	0.6	1.0%	0.0%	69.9	69.5	-0.4	-0.6%
1.2%	52.6	52.6	0.0	0.0%	1.2%	57.7	57.0	-0.7	-1.2%	1.2%	60.5	60.9	0.4	0.7%	1.2%	67.7	67.7	0.0	0.0%
2.5%	52.5	52.5	0.0	0.0%	2.5%	57.3	56.7	-0.6	-1.0%	2.5%	60.5	60.5	0.0	0.0%	2.5%	66.7	66.7	0.0	0.0%
3.7%	52.4	52.2	-0.2	-0.4%	3.7%	57.2	56.2	-1.0	-1.7%	3.7%	60.3	60.4	0.1	0.2%	3.7%	66.0	65.7	-0.3	-0.5%
4.9%	52.1	52.1	0.0	0.0%	4.9%	56.9	56.2	-0.7	-1.2%	4.9%	60.0	60.0	0.0	0.0%	4.9%	65.8	65.2	-0.6	-0.9%
6.2%	51.8	51.6	-0.2	-0.4%	6.2%	56.2	55.9	-0.3	-0.5%	6.2%	59.9	60.0	0.1	0.2%	6.2%	65.4	65.2	-0.2	-0.3%
7.4%	51.7	51.6	-0.1	-0.2%	7.4%	56.1	55.7	-0.4	-0.7%	7.4%	59.7	59.6	-0.1	-0.2%	7.4%	65.4	64.8	-0.6	-0.9%
8.6%	51.6	51.4	-0.2	-0.4%	8.6%	55.7	55.7	0.0	0.0%	8.6%	59.4	59.4	0.0	0.0%	8.6%	65.3	64.7	-0.6	-0.9%
9.9%	51.5	51.4	-0.1	-0.2%	9.9%	55.6	55.4	-0.2	-0.4%	9.9%	59.4	59.4	0.0	0.0%	9.9%	65.2	64.6	-0.6	-0.9%
11.1%	51.5	51.4	-0.1	-0.2%	11.1%	55.5	55.4	-0.2	-0.2%	11.1%	58.4	58.2	-0.2	-0.3%	11.1%	64.8	64.4	-0.4	-0.6%
12.3%	51.4	51.4	0.0	0.2%	12.3%	55.5	55.4 55.2	-0.1	-0.5%	12.3%	58.3	58.2	-0.2	-0.3%	12.3%	64.8	64.1	-0.4	-0.6%
13.6%	51.4	51.4	0.0	0.0%	13.6%	55.2	55.2	0.0	0.0%	13.6%	58.2	58.1	-0.1	-0.2%	13.6%	64.7	64.1	-0.6	-0.9%
14.8%	51.4	51.3	-0.1	-0.2%	14.8%	55.0	54.9	-0.1	-0.2%	14.8%	58.2	58.1	-0.1	-0.2%	14.8%	64.6	64.0	-0.6	-0.9%
16.0%	51.4	51.3	-0.1	-0.2%	16.0%	54.9	54.9	0.0	0.0%	16.0%	58.1	58.1	0.0	0.0%	16.0%	64.0	63.9	-0.1	-0.2%
17.3%	51.3	51.2	-0.1	-0.2%	17.3%	54.9	54.8	-0.1	-0.2%	17.3%	58.1	57.9	-0.2	-0.3%	17.3%	63.9	63.9	0.0	0.0%
18.5%	51.3	51.1	-0.2	-0.4%	18.5%	54.9	54.8	-0.1	-0.2%	18.5%	58.1	57.9	-0.2	-0.3%	18.5%	63.8	63.8	0.0	0.0%
19.8%	51.2	51.1	-0.1	-0.2%	19.8%	54.8	54.6	-0.2	-0.4%	19.8%	57.9	57.9	0.0	0.0%	19.8%	63.8	63.8	0.0	0.0%
21.0%	51.2	51.1	-0.1	-0.2%	21.0%	54.6	54.6	0.0	0.0%	21.0%	57.9	57.8	-0.1	-0.2%	21.0%	63.7	63.7	0.0	0.0%
22.2%	51.1	51.1	0.0	0.0%	22.2%	54.6	54.6	0.0	0.0%	22.2%	57.7	57.7	0.0	0.0%	22.2%	63.5	63.5	0.0	0.0%
23.5%	51.1	51.0	-0.1	-0.2%	23.5%	54.5	54.4	-0.1	-0.2%	23.5%	57.7	57.7	0.0	0.0%	23.5%	63.5	63.5	0.0	0.0%
24.7%	51.0	50.8	-0.2	-0.4%	24.7%	54.3	54.3	0.0	0.0%	24.7%	57.7	57.6	-0.1	-0.2%	24.7%	63.5	63.5	0.0	0.0%
25.9%	50.7	50.7	0.0	0.0%	25.9%	54.3	54.3	0.0	0.0%	25.9%	57.6	57.5	-0.1	-0.2%	25.9%	63.5	63.3	-0.2	-0.3%
27.2%	50.6	50.6	0.0	0.0%	27.2%	54.3	54.3	0.0	0.0%	27.2%	57.6	57.4	-0.2	-0.3%	27.2%	63.3	63.3	0.0	0.0%
28.4%	50.6	50.6	0.0	0.0%	28.4%	54.3	54.3	0.0	0.0%	28.4%	57.4	57.3	-0.1	-0.2%	28.4%	63.3	63.2	-0.1	-0.2%
29.6%	50.6	50.6	0.0	0.0%	29.6%	54.2	54.3	0.1	0.2%	29.6%	57.3	57.3	0.0	0.0%	29.6%	63.3	63.2	-0.1	-0.2%
30.9%	50.5	50.5	0.0	0.0%	30.9%	54.1	54.2	0.1	0.2%	30.9%	57.3	57.2	-0.1	-0.2%	30.9%	63.2	63.1	-0.1	-0.2%
32.1%	50.5	50.5 50.5	0.0	0.0%	30.9%	54.1	54.2 54.1	0.1	0.2%	32.1%	57.2	57.2 57.2	0.0	0.0%	32.1%	63.1	63.1	0.0	0.0%
33.3%	50.5	50.3		-0.2%	33.3%	54.0	54.1	0.1	0.2%	33.3%	57.2	57.2 57.2	0.0	0.0%	33.3%	63.1	63.0	-0.1	
33.3%	50.4 50.3	50.3 50.2	-0.1	-0.2%	33.3%	54.0 54.0	54.1 54.0	0.1	0.2%	33.3%	57.2 57.1	57.2 57.1	0.0	0.0%	33.3%	63.1	63.0	-0.1 0.0	-0.2% 0.0%
			-0.1																
35.8%	50.2	50.2	0.0	0.0%	35.8%	54.0	54.0	0.0	0.0%	35.8%	57.1	57.1	0.0	0.0%	35.8%	62.8	62.8	0.0	0.0%
37.0%	50.2	50.2	0.0	0.0%	37.0%	54.0	54.0	0.0	0.0%	37.0%	57.0	57.0	0.0	0.0%	37.0%	62.8	62.8	0.0	0.0%
38.3%	50.2	50.0	-0.2	-0.4%	38.3%	53.8	53.7	-0.1	-0.2%	38.3%	56.9	56.9	0.0	0.0%	38.3%	62.8	62.8	0.0	0.0%
39.5%	50.0	50.0	0.0	0.0%	39.5%	53.7	53.7	0.0	0.0%	39.5%	56.9	56.9	0.0	0.0%	39.5%	62.8	62.8	0.0	0.0%
40.7%	49.9	50.0	0.1	0.2%	40.7%	53.6	53.6	0.0	0.0%	40.7%	56.9	56.9	0.0	0.0%	40.7%	62.7	62.7	0.0	0.0%
42.0%	49.9	50.0	0.1	0.2%	42.0%	53.6	53.6	0.0	0.0%	42.0%	56.9	56.9	0.0	0.0%	42.0%	62.7	62.6	-0.1	-0.2%
43.2%	49.9	49.9	0.0	0.0%	43.2%	53.4	53.5	0.1	0.2%	43.2%	56.8	56.8	0.0	0.0%	43.2%	62.7	62.6	-0.1	-0.2%
44.4%	49.9	49.9	0.0	0.0%	44.4%	53.4	53.4	0.0	0.0%	44.4%	56.8	56.8	0.0	0.0%	44.4%	62.6	62.5	-0.1	-0.2%
45.7%	49.8	49.8	0.0	0.0%	45.7%	53.4	53.4	0.0	0.0%	45.7%	56.8	56.8	0.0	0.0%	45.7%	62.6	62.5	-0.1	-0.2%
46.9%	49.7	49.6	-0.1	-0.2%	46.9%	53.1	53.4	0.3	0.6%	46.9%	56.7	56.7	0.0	0.0%	46.9%	62.5	62.4	-0.1	-0.2%
48.1%	49.7	49.5	-0.2	-0.4%	48.1%	53.0	53.4	0.4	0.8%	48.1%	56.6	56.6	0.0	0.0%	48.1%	62.4	62.4	0.0	0.0%
49.4%	49.6	49.5	-0.1	-0.2%	49.4%	53.0	53.3	0.3	0.6%	49.4%	56.6	56.6	0.0	0.0%	49.4%	62.4	62.2	-0.2	-0.3%
50.6%	49.6	49.4	-0.2	-0.4%	50.6%	53.0	52.9	-0.1	-0.2%	50.6%	56.6	56.5	-0.1	-0.2%	50.6%	62.2	62.2	0.0	0.0%
51.9%	49.4	49.4	0.0	0.0%	51.9%	52.9	52.9	0.0	0.0%	51.9%	56.5	56.4	-0.1	-0.2%	51.9%	62.2	62.1	-0.1	-0.2%
53.1%	49.4	49.2	-0.2	-0.4%	53.1%	52.9	52.7	-0.2	-0.4%	53.1%	56.4	56.4	0.0	0.0%	53.1%	62.1	62.0	-0.1	-0.2%
54.3%	49.1	49.0	-0.2	-0.2%	54.3%	52.7	52.7	0.0	0.0%	54.3%	56.4	56.3	-0.1	-0.2%	54.3%	62.0	61.9	-0.1	-0.2%
55.6%	49.1	49.0	-0.1	-0.2%	55.6%	52.7	52.6	-0.1	-0.2%	55.6%	56.3	56.3	0.0	0.0%	55.6%	62.0	61.9	-0.1	-0.2%
56.8%	49.0	49.0	0.0	0.0%	56.8%	52.7	52.6	0.0	0.0%	56.8%	56.3	56.3	0.0	0.0%	56.8%	61.9	61.9	0.0	0.0%
						52.5	52.5												
58.0%	48.9	49.0	0.1	0.2%	58.0%			0.0	0.0%		56.3	56.2	-0.1	-0.2%	58.0%	61.9	61.8	-0.1	-0.2%
59.3%	48.9	48.9	0.0	0.0%	59.3%	52.5	52.5	0.0	0.0%	59.3%	56.3	56.2	-0.1	-0.2%	59.3%	61.8	61.8	0.0	0.0%
60.5%	48.9	48.9	0.0	0.0%	60.5%	52.5	52.4	-0.1	-0.2%	60.5%	56.2	56.1	-0.1	-0.2%	60.5%	61.7	61.5	-0.2	-0.3%
61.7%	48.8	48.9	0.1	0.2%	61.7%	52.4	52.2	-0.2	-0.4%	61.7%	56.1	56.0	-0.1	-0.2%	61.7%	61.6	61.4	-0.2	-0.3%
63.0%	48.8	48.9	0.1	0.2%	63.0%	52.2	52.2	0.0	0.0%	63.0%	55.9	56.0	0.1	0.2%	63.0%	61.5	61.2	-0.3	-0.5%
64.2%	48.8	48.8	0.0	0.0%	64.2%	52.2	52.1	-0.1	-0.2%	64.2%	55.9	55.9	0.0	0.0%	64.2%	61.4	61.1	-0.3	-0.5%
65.4%	48.7	48.8	0.1	0.2%	65.4%	52.0	52.0	0.0	0.0%	65.4%	55.8	55.8	0.0	0.0%	65.4%	61.1	61.1	0.0	0.0%
66.7%	48.7	48.7	0.0	0.0%	66.7%	51.8	51.8	0.0	0.0%	66.7%	55.8	55.8	0.0	0.0%	66.7%	61.1	61.0	-0.1	-0.2%
67.9%	48.7	48.7	0.0	0.0%	67.9%	51.8	51.7	-0.1	-0.2%	67.9%	55.7	55.7	0.0	0.0%	67.9%	61.0	60.8	-0.2	-0.3%
69.1%	48.6	48.6	0.0	0.0%	69.1%	51.7	51.7	0.0	0.0%	69.1%	55.7	55.7	0.0	0.0%	69.1%	60.8	60.8	0.0	0.0%
70.4%	48.5	48.6	0.1	0.2%	70.4%	51.6	51.5	-0.1	-0.2%	70.4%	55.6	55.7	0.1	0.2%	70.4%	60.8	60.8	0.0	0.0%
71.6%	48.5	48.5	0.0	0.0%	71.6%	51.5	51.4	-0.1	-0.2%	71.6%	55.6	55.6	0.0	0.0%	71.6%	60.8	60.7	-0.1	-0.2%
72.8%	48.4	48.5	0.1	0.2%	72.8%	51.5	51.2	-0.3	-0.6%	72.8%	55.6	55.6	0.0	0.0%	72.8%	60.7	60.4	-0.3	-0.5%
74.1%	48.4	48.5	0.1	0.2%	74.1%	51.2	51.2	0.0	0.0%	74.1%	55.5	55.5	0.0	0.0%	74.1%	60.2	60.1	-0.1	-0.2%
75.3%	48.4	48.4	0.0	0.0%	75.3%	51.2	50.9	-0.3	-0.6%	75.3%	55.4	55.4	0.0	0.0%	75.3%	60.1	60.1	0.0	0.0%
76.5%	48.4	48.4	0.0	0.0%	76.5%	51.1	50.9	-0.2	-0.4%	76.5%	55.2	55.2	0.0	0.0%	76.5%	60.1	60.0	-0.1	-0.2%
77.8%	48.3	48.4	0.1	0.2%	77.8%	50.9	50.7	-0.2	-0.4%	77.8%	55.0	55.0	0.0	0.0%	77.8%	60.0	60.0	0.0	0.0%
79.0%	48.3	48.3	0.0	0.2%	79.0%	50.9	50.7	-0.2	-0.4%	79.0%	54.9	54.9	0.0	0.0%	79.0%	60.0	59.8	-0.2	-0.3%
																59.8	59.7		
80.2% 81.5%	48.2 48.2	48.3 48.3	0.1 0.1	0.2% 0.2%	80.2% 81.5%	50.7 50.6	50.6 50.6	-0.1 0.0	-0.2% 0.0%	80.2% 81.5%	54.9 54.9	54.9 54.9	0.0	0.0%	80.2% 81.5%	59.8 59.6	59.7	-0.1 0.0	-0.2% 0.0%
82.7%	48.1	48.1	0.0	0.0%	82.7%	50.6	50.6	0.0	0.0%	82.7%	54.8	54.8	0.0	0.0%	82.7%	59.6	59.6	0.0	0.0%
84.0%	48.1	48.0	-0.1	-0.2%	84.0%	50.4	50.3	-0.1	-0.2%	84.0%	54.7	54.7	0.0	0.0%	84.0%	59.5	59.5	0.0	0.0%
85.2%	47.9	48.0	0.1	0.2%	85.2%	50.3	50.3	0.0	0.0%	85.2%	54.5	54.5	0.0	0.0%	85.2%	59.5	59.5	0.0	0.0%
86.4%	47.9	47.9	0.0	0.0%	86.4%	50.3	50.3	0.0	0.0%	86.4%	54.5	54.5	0.0	0.0%	86.4%	59.2	59.2	0.0	0.0%
87.7%	47.9	47.9	0.0	0.0%	87.7%	50.2	50.2	0.0	0.0%	87.7%	54.5	54.5	0.0	0.0%	87.7%	59.0	59.0	0.0	0.0%
88.9%	47.8	47.9	0.1	0.2%	88.9%	50.1	50.1	0.0	0.0%	88.9%	54.4	54.4	0.0	0.0%	88.9%	59.0	59.0	0.0	0.0%
90.1%	47.8	47.9	0.1	0.2%	90.1%	49.7	49.6	-0.1	-0.2%	90.1%	54.0	54.0	0.0	0.0%	90.1%	59.0	59.0	0.0	0.0%
91.4%	47.8	47.8	0.0	0.0%	91.4%	49.6	49.4	-0.2	-0.4%	91.4%	53.5	53.5	0.0	0.0%	91.4%	58.9	58.9	0.0	0.0%
92.6%	47.6	47.6	0.0	0.0%	92.6%	49.3	49.3	0.0	0.0%	92.6%	53.2	53.2	0.0	0.0%	92.6%	58.6	58.6	0.0	0.0%
93.8%	47.5	47.5	0.0	0.0%	93.8%	49.3	49.3	0.0	0.0%	93.8%	52.7	52.7	0.0	0.0%	93.8%	57.9	57.9	0.0	0.0%
95.1%	47.4	47.4	0.0	0.0%	95.1%	49.3	49.2	-0.1	-0.2%	95.1%	52.5	52.5	0.0	0.0%	95.1%	57.7	57.7	0.0	0.0%
96.3%	46.8	46.8	0.0	0.0%	96.3%	49.2	49.2	0.0	0.0%	96.3%	52.1	52.1	0.0	0.0%	96.3%	57.5	57.5	0.0	0.0%
97.5%	46.7	46.7	0.0	0.0%	97.5%	48.9	48.8	-0.1	-0.2%	97.5%	52.0	52.0	0.0	0.0%	97.5%	57.1	57.1	0.0	0.0%
98.8%	46.5	46.5	0.0	0.0%	98.8%	47.9	47.9	0.0	0.0%	98.8%	51.7	51.7	0.0	0.0%	98.8%	55.8	55.8	0.0	0.0%
100.0%	46.5	46.5	0.0	0.0%	100.0%	47.9	47.9	0.0	0.0%	100.0%	51.7	51.7	0.0	0.0%	100.0%	55.8	55.8	0.0	0.0%
100.0%	70.0	TU.U	0.0	0.070	100.076	T1.5	₹7.5	0.0	0.070	100.0%	91.7	91.7	0.0	0.070	100.0%	30.0	JJ.0	0.0	0.070

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

August

September

Percent Percent Percent Percent No Action Alternative Alternative A Absolute Relative Relative Relative Relative Exceedance Exceedance Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG-F) (DEG.E) (DEG-F) (DEG-F) (%) (DEG-F) ____(%) (DEG-F) (%) 0.0% (DEG-F) 0.0% 71.6 71.6 0.0% 0.0% 74.3 74.2 -0.1% 0.0% 76.1 76.0 -0.1 -0.1% 69.0 67.6 -2.0% 1.2% 70.8 71.5 0.7 1.0% 1.2% 74.2 74.0 -0.2 -0.3% 1.2% 74.8 75.0 0.2 0.3% 1.2% 67.9 66.9 -1.0 -1.5% 2.5% 70.3 0.2 0.3% 2.5% 74.0 -1.1% 2.5% 73.6 73.7 0.1% 2.5% 67.3 66.6 -1.0% 3.7% 3.7% 70.0 69.7 -0.3 -0.4% 3.7% 73.3 72.7 -0.6 -0.8% 3.7% 73.4 73.5 0.1 0.1% 66.8 66.5 -0.3 -0.4% 4.9% 69.9 69.7 -0.2 -0.3% 4.9% 73.0 72.6 -0.4 -0.5% 4.9% 73.4 73.4 0.0% 4.9% 66.4 66.3 -0.1 -0.2% 6.2% 6.2% 6.2% 6.2% 69.8 69.6 -0.2 -0.3% 72.6 72.6 0.0 0.0% 73.2 72.5 -0.7 -1.0% 66.4 66.2 -0.2 -0.3% 7.4% 69.6 0.1 0.1% 7.4% 72.5 0.2 0.3% 7.4% 71.9 0.3% 7.4% 66.0 66.1 0.1 0.2% 8.6% 8.6% 8.6% 8.6% 69.5 69.5 0.0 72.2 72.2 0.0% 71.2 72.0 0.8 1.1% 65.8 66.0 0.3% 9.9% 11.1% 12.3% 0.3% 0.0% 11.1% 12.3% 69.3 69.3 0.0 0.0% 11.1% 71.0 71.1 0.1 0.1% 11.1% 71.0 71.3 0.3 0.4% 65.7 65.5 -0.2 -0.3% 13.6% 13.6% 13.6% 13.6% -0.1 -0.1 69 1 693 0.2 0.3% 70.7 69.9 -0 R -1 1% 70.5 71.1 0.6 0.9% 65.5 65.4 -0.2% 16.0% 16.0% 16.0% 16.0% 69.0 69.2 0.2 0.3% 69.8 69.6 -0.2 -0.3% 70.5 71.0 0.5 0.7% 65.4 65.2 -0.2 -0.3% 18.5% 0.1% 18.5% -0.1% 18.5% 18.5% 69.0 69.1 0.1 69.6 69.5 -0.1 70.3 70.8 0.5 0.7% 65.3 65.1 -0.2 -0.3% 19.8% 21.0% 69.0 68.9 -0.1 0.0 -0.1% 19.8% 0.3 19.8% 21.0% -0.1 -0.1 0.2 21.0% 68.9 69.2 69.4 0.3% 70.1 70.3 0.3% 65.0 64.9 -0.2% 22.2% 23.5% 0.0% 22.2% 23.5% 0.1% 22.2% 23.5% 22.2% 23.5% 64 9 -0.1 0.0 0.0 0.2 0.1 68.7 68.7 0.0% 69.3 0.3% 70.1 0.1% 64.8 64.8 0.0% 69.1 70.2 24.7% 25.9% 0.0% 24.7% 25.9% 24.7% 25.9% 24.7% 25.9% 68.7 0.0 69.2 0.1% 0.2 0.3% 68.5 69.1 0.1 0.1% 69.9 0.2 0.3% 64.6 64.7 68.6 69.2 70.1 0.2% 27.2% 28.4% 27.2% 28.4% 27.2% 28.4% 68.3 0.3% 27.2% 69.2 0.1% 69.8 64.5 68.2 68.5 0.3 0.4% 28.4% 69.1 0.0 0.0% 70.1 0.3 0.4% 64.4 64.5 0.1 0.2% 69.1 69.8 29.6% 30.9% 0.4% 29.6% 30.9% 29.6% 30.9% 0.0 29.6% 30.9% 0.6% 0.2 64.4 0.6% 0.0% 69.6 32.1% 68.1 68.2 0.1 0.1% 32.1% 69.1 69.0 -0.1% 32.1% 69.6 70.0 0.4 0.6% 32.1% 64.0 64.1 0.1 0.2% 33.3% 0.1 0.1% 33.3% 69.0 0.0 0.0% 33.3% 69.4 0.5 0.7% 33.3% 0.4 0.6% 34.6% 68.0 0.1 0.1% 34.6% 69.0 68.8 -0.2 -0.3% 34.6% 69.4 69.9 0.5 0.7% 34.6% 63.6 64.0 0.4 0.6% 35.8% 0.1% 35.8% 35.8% 0.4 0.6% 35.8% 0.6 -0.1% 0.9% 0.7 37.0% 68.0 0.0 0.0% 37.0% 68.8 68.7 -0.1% 37.0% 69.3 69.5 0.2 0.3% 37.0% 63.3 64.0 1.1% 38.3% 67.9 0.1% 38.3% 68.7 38.3% 38.3% 0.9% 0.0% 0.3 63.3 39.5% 67.8 0.1 0.1% 39.5% 68.7 68.7 0.0 0.0% 39.5% 69.0 69.2 0.2 0.3% 39.5% 63.2 63.7 0.5 0.8% 40.7% 67.7 67.8 0.1 0.1% 40.7% 68.7 68.7 0.0 0.0% 40.7% 68.9 68.9 0.0 0.0% 40.7% 63.2 63.7 0.5 0.8% 42.0% 67.6 67.7 0.1 0.1% 42.0% 68.6 68.7 0.1% 42.0% 68.7 68.7 0.0 0.0% 42.0% 63.2 63.6 0.4 0.6% 0.5% 43.2% 67.6 67.6 0.0 0.0% 43.2% 68.6 68.6 0.0 0.0% 43.2% 68.7 68.6 -0.1 -0.1% 43.2% 63.2 63.5 0.3 44.4% 67.5 0.0% 44.4% 68.5 68.6 0.1% 44.4% 68.7 68.6 -0.1 -0.1% 44.4% 63.2 63.4 0.2 0.3% 45.7% 45.7% 45.7% 67.5 67.5 0.0 0.0% 68.5 68.6 0.1 0.1% 68.6 68.4 -0.2 -0.3% 45.7% 62.9 63.3 0.4 0.6% -0.4 46.9% 67.4 67.4 0.0% 46.9% 68.5 68.5 0.0% 46.9% 68.5 68.4 -0.1 -0.1% 46.9% 62.9 62.5 -0.6% 48.1% 49.4% 67.3 67.4 0.1 0.1% 48.1% 68.4 68.5 0.1 0.1% 48.1% 68.5 68.4 -0.1 -0.1% 48.1% 62.8 62.5 -0.3 -0.5% 67.3 67.3 0.0% 49.4% 68.4 68.5 49.4% 68.4 68.0 -0.4-0.6% 49.4% 62.8 62.4 -0.4-0.6% 50.6% 50.6% 50.6% 50.6% 67.2 67.2 0.0 0.0% 68.3 68.4 0.1 0.1% 68.4 68.0 -0.4 -0.6% 62.7 62.2 -0.5 -0.8% 51.9% 67.1 67.1 0.0% 51.9% 68.4 0.1% 68.4 68.0 -0.4 -0.3 -0.6% 51.9% 53.1% 62.4 62.2 -0.2 -0.4 -0.3% 53.1% 53.1% 53.1% 0.0 0.0% 67.1 68.3 68.3 0.0 68.3 68.0 -0.4% 62.4 62.0 -0.6% 55.6% 56.8% 55.6% 55.6% 55.6% -0.4 -0.4 67.0 67.0 0.0 0.0% 68.2 68.3 0.1 0.1% 68.2 67.8 -0.4 -0.6% 62.3 61.9 -0.6% 58.0% 58.0% 0.1% 58.0% 66.8 66.9 0.1 0.1% 68.0 68.1 0.1 67.7 67.7 0.0 0.0% 58.0% 62.1 61.8 -0.3 -0.5% 60.5% 60.5% 60.5% 66.8 66.8 0.0 0.0% 68.0 68.0 0.0 0.0% 67.7 67.6 -0.1 -0.1% 60.5% 62.0 61.7 -0.3 -0.5% 61.7% 63.0% 63.0% 63.0% 0.0% 63.0% 66.4 66.5 0.1 0.2% 67.9 67.9 0.0 67.5 67.5 0.0 0.0% 61.6 61.6 0.0 0.0% 64.2% 65.4% 66.5 66.4 0.2 64.2% 65.4% -0.1% -0.1% 64.2% 65.4% -0.1% -0.1% 64.2% 65.4% 61.6 61.5 0.2 -0.1 -0.1 66.3 67.7 -0.1 67.4 67.3 61.3 0.3% 0.2% 67.8 66.7% 67.9% 0.0% 66.7% 67.9% 66.7% 67.9% 67.3 67.2 0.0% 66.7% 67.9% 66.3 67.7 -0.1% 61.4 0.2 0.3% 66.2 0.0 67.7 -0.1 67.7 0.0 66.3 0.0% 67.3 61.2 61.4 0.3% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 0.5% 67.7 0.1 66.2 0.4 67.6 -0.1 -0.1% 65.8 0.6% 67.6 0.0 0.0% 67.2 67.1 61.2 61.3 0.2% 71.6% 65.8 0.4 0.6% 71.6% 67.6 0.0% 71.6% 67.2 67.0 -0.2 -0.3 -0.3% 71.6% 61.2 0.2 72.8% 65.8 66.2 0.4 72.8% 67.6 67.6 0.0 0.0% 72.8% 67.2 66.9 -0.4% 72.8% 61.0 61.1 0.1 0.2% 0.3% 74.1% 75.3% 74.1% 75.3% 74.1% 0.0% 74.1% -0.1 -0.1 -0.1% -0.1% 0.0 0.0% 75.3% 0.0% 75.3% 66.9 76.5% 65.5 0.2 0.3% 76.5% 67.3 67.4 0.1% 76.5% 66.8 66.8 0.0% 76.5% 60.8 60.8 0.0 0.0% 77.8% 0.5% 77.8% 67.3 77.8% 0.1 0.1% 77.8% -0.1 0.0% 66.7 60.7 60.6 -0.2% 79.0% 65.4 65.4 0.0 0.0% 79.0% 67.2 67.3 0.1 0.1% 79.0% 66.6 66.8 0.3% 79.0% 60.7 60.6 -0.1 -0.2% 80.2% 65.3 0.2% 80.2% 67.2 80.2% 80.2% 0.0% 66.7 0.1 0.2% 60.5 0.0% 81.5% 65.1 65.3 0.2 0.3% 81.5% 67.1 67.2 0.1% 81.5% 66.5 66.6 0.2% 81.5% 60.4 60.4 0.0 0.0% 82.7% 65.0 0.2% 82.7% 67.2 0.3% 82.7% 66.6 0.2% 82.7% 60.3 -0.1 -0.2% 84.0% 65.0 65.0 0.0 0.0% 84.0% 66.9 67.0 0.1% 84.0% 66.4 66.6 0.3% 84.0% 60.2 60.2 0.0 0.0% 85.2% 64.8 64.8 0.0 0.0% 85.2% 66.9 67.0 0.1 0.1% 85.2% 66.3 66.5 0.2 0.3% 85.2% 60.2 60.1 -0.1 -0.2% 86.4% 0.1 0.2% 86.4% 66.8 66.9 0.1% 86.4% 66.3 66.5 0.3% 86.4% 60.2 60.1 -0.1 -0.2% 87.7% 64.6 64.6 0.0 0.0% 87.7% 66.8 66.9 0.1 0.1% 87.7% 66.2 66.1 -0.1 -0.2% 87.7% 60.0 60.1 0.1 0.2% 88.9% 64.4 64.4 0.0 0.0% 88.9% 66.7 66.8 0.1% 88.9% 66.0 66.1 0.1 0.2% 88.9% 59.8 59.9 0.1 0.2% 90.1% 64.0 64.2 0.2 0.3% 90.1% 66.7 66.7 0.0 0.0% 90.1% 66.0 66.0 0.0 0.0% 90.1% 59.7 59.9 0.2 0.3% 91.4% 0.5 0.8% 91.4% 66.5 91.4% 65.9 91.4% 59.5 59.7 0.2 -0.1 92.6% 92.6% 92.6% 63.4 63.4 0.0% 66.4 66.5 0.1 0.2% 65.9 65.8 -0.2% 92.6% 59 1 59.1 0.0% 93.8% 0.1 65.7 93.8% 0.0 63.2 63.3 0.2% 93.8% 66.4 66.5 0.2% 93.8% 65.7 0.0% 59.0 59.0 0.0% 95.1% 95.1% 95.1% 95.1% 61.9 61.9 0.0 0.0% 66.4 66.4 0.0 0.0% 65.7 65.6 -0.1 -0.2% 58.8 58.8 0.0 0.0% 96.3% 0.0% 96.3% 97.5% 66.4 0.0% 96.3% 97.5% 65.6 -0.1 -0.1 -0.2% 96.3% 97.5% 58.7 0.0 0.0% 97.5% 0.0 0.0% 61.0 61.0 0.0 0.0% 66.4 66.3 -0.1 -0.2% 65.5 65.4 -0.2% 58.6 58.6 0.0% -0.2% 98.8% 0.0% 100.0% 100.0% 100.0% 100.0% 60.0 60.0 0.0 0.0% 66.3 66.2 -0.2% 65.4 65.4 0.0 0.0% 57.8 57.8 0.0 0.0%

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

					Mon	thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	g-term							
ull Simulation Period ¹												
No Action Alternative	61.3	52.5	46.2	45.8	50.2	54.6	60.7	66.4	71.4	73.2	72.6	68.6
Alternative A	61.3	52.5	46.1	45.8	50.2	54.6	60.7	66.5	71.4	73.2	72.6	68.5
Difference	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Percent Difference ³	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.2%
				Water Y	ear Types							
Vet (32%)												
No Action Alternative	60.7	52.8	46.6	46.6	50.0	53.4	58.6	64.5	69.7	73.4	72.9	66.7
Alternative A	60.8	52.8	46.5	46.6	50.0	53.3	58.6	64.5	69.6	73.5	73.1	66.6
Difference	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.2	-0.1
Percent Difference	0.2%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.3%	-0.29
Above Normal (15%)												
No Action Alternative	60.5	51.4	46.0	46.0	50.2	54.4	60.5	66.4	71.4	72.1	71.0	66.8
Alternative A	60.6	51.5	45.9	46.0	50.2	54.3	60.5	66.4	71.3	72.1	71.2	66.6
Difference	0.1	0.0	-0.2	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0	0.2	-0.1
Percent Difference	0.2%	0.0%	-0.3%	0.0%	0.0%	-0.2%	0.0%	0.0%	-0.1%	0.0%	0.2%	-0.2%
Below Normal (17%)												
No Action Alternative	61.3	52.5	45.8	45.4	49.7	55.0	60.8	66.6	71.7	72.7	71.9	70.0
Alternative A	61.4	52.5	45.8	45.4	49.7	54.9	60.8	66.6	71.5	72.7	72.1	69.9
Difference	0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	-0.1
Percent Difference	0.2%	0.0%	0.0%	-0.2%	0.0%	-0.1%	0.0%	0.0%	-0.2%	0.0%	0.2%	-0.2%
Ory (22%)												
No Action Alternative	61.6	52.7	46.3	44.8	50.2	55.4	62.0	67.7	72.9	72.8	72.1	70.2
Alternative A	61.7	52.8	46.2	44.8	50.2	55.4	62.0	67.9	73.0	72.8	71.7	70.0
Difference	0.1	0.1	-0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	-0.3	-0.2
Percent Difference	0.2%	0.1%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	-0.5%	-0.2%
Critical (15%)	,	,	,	,		,	,			,	,	
No Action Alternative	62.6	52.6	45.7	45.3	51.1	55.8	63.1	68.1	72.3	74.9	74.7	70.3
Alternative A	62.5	52.6	45.9	45.4	51.0	55.8	63.2	68.1	72.4	74.8	74.5	70.1
Difference	-0.1	-0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	-0.1	-0.2	-0.2
Percent Difference	-0.2%	-0.2%	0.3%	0.2%	-0.1%	0.0%	0.1%	0.1%	0.0%	-0.2%	-0.3%	-0.39

1 Based on the 82-year simulation period

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



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

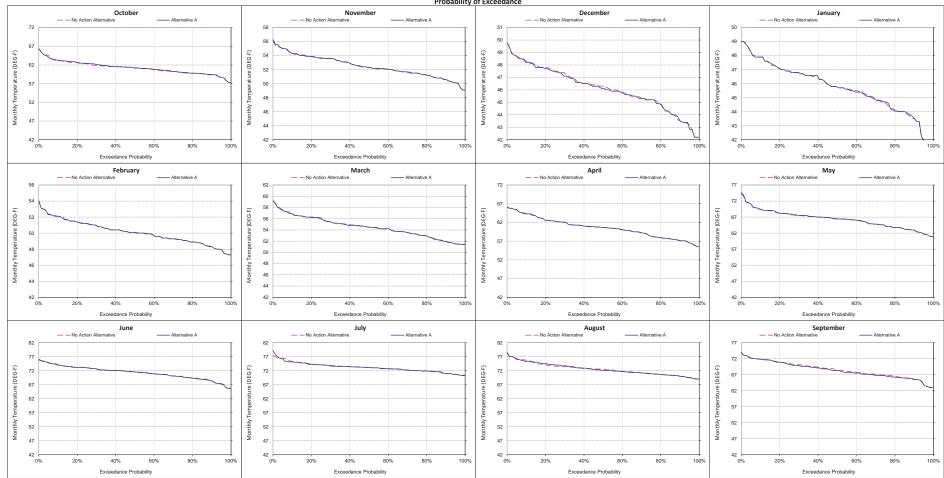


Table SQ-17-3b Feather River at the Mouth, Monthly Temperature Probability of Exceedance

								-	Probability	of Exceedance	uie								
Percent		October			Percent		November			Percent		December			Percent		January		
Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative
Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)
0.0%	(DEG-F) 66.4	(DEG-F) 66.4	0.0	0.0%	(%) 0.0%	(DEG-F) 56.1	(DEG-F) 56.3	0.2	0.4%	(%) 0.0%	(DEG-F) 49.8	(DEG-F) 49.8	0.0	0.0%	0.0%	(DEG-F) 49.0	(DEG-F) 49.0	0.0	0.0%
1.2%	65.5	65.5	0.0	0.0%	1.2%	55.5	55.6	0.1	0.2%	1.2%	49.4	49.4	0.0	0.0%	1.2%	49.0	49.0	0.0	0.0%
2.5%	64.8	64.7	-0.1	-0.2%	2.5%	55.3	55.6	0.3	0.5%	2.5%	48.9	48.9	0.0	0.0%	2.5%	48.9	48.8	-0.1	-0.2%
3.7% 4.9%	64.6 64.6	64.6 64.1	0.0 -0.5	0.0%	3.7%	55.2 55.0	55.2 55.0	0.0	0.0%	3.7% 4.9%	48.9 48.7	48.8 48.7	-0.1	-0.2%	3.7% 4.9%	48.6 48.2	48.6 48.3	0.0	0.0%
6.2%	63.6	63.7	0.1	0.2%	6.2%	54.8	55.0	0.0	0.4%	6.2%	48.6	48.5	-0.1	-0.2%	6.2%	48.0	48.0	0.0	0.0%
7.4%	63.5	63.6	0.1	0.2%	7.4%	54.8	54.9	0.1	0.2%	7.4%	48.5	48.5	0.0	0.0%	7.4%	48.0	47.9	-0.1	-0.2%
8.6% 9.9%	63.2 63.2	63.4 63.3	0.2	0.3%	8.6% 9.9%	54.5 54.3	54.5 54.3	0.0	0.0%	8.6%	48.5 48.3	48.4 48.2	-0.1 -0.1	-0.2% -0.2%	8.6% 9.9%	47.9 47.9	47.9 47.9	0.0	0.0%
9.9%	63.2	63.2	0.1	0.2%	9.9%	54.3 54.2	54.3 54.3	0.0	0.0%	9.9% 11.1%	48.3 48.2	48.2 48.2	-0.1	-0.2%	9.9%	47.9 47.9	47.9 47.9	0.0	0.0%
12.3%	63.1	63.1	0.0	0.0%	12.3%	54.2	54.3	0.1	0.2%	12.3%	48.1	48.2	0.1	0.2%	12.3%	47.6	47.6	0.0	0.0%
13.6%	63.0	63.1	0.1	0.2%	13.6%	54.2	54.1	-0.1	-0.2%	13.6%	48.1	48.1	0.0	0.0%	13.6%	47.6	47.6	0.0	0.0%
14.8% 16.0%	62.9 62.7	63.0 62.9	0.1	0.2%	14.8% 16.0%	54.1 54.1	54.0 54.0	-0.1 -0.1	-0.2% -0.2%	14.8% 16.0%	48.0 47.9	47.8 47.8	-0.2 -0.1	-0.4% -0.2%	14.8% 16.0%	47.4 47.3	47.5 47.4	0.1 0.1	0.2%
17.3%	62.7	62.9	0.2	0.3%	17.3%	54.0	53.9	-0.1	-0.2%	17.3%	47.8	47.8	0.0	0.0%	17.3%	47.3	47.3	0.0	0.2%
18.5%	62.7	62.9	0.2	0.3%	18.5%	53.9	53.9	0.0	0.0%	18.5%	47.8	47.8	0.0	0.0%	18.5%	47.2	47.2	0.0	0.0%
19.8% 21.0%	62.7 62.6	62.7 62.5	0.0 -0.1	0.0%	19.8% 21.0%	53.9 53.9	53.9 53.8	0.0 -0.1	0.0% -0.2%	19.8% 21.0%	47.8 47.8	47.7 47.7	-0.1 -0.1	-0.2% -0.2%	19.8% 21.0%	47.1 47.0	47.1 47.0	0.0	0.0%
22.2%	62.5	62.5	0.0	0.2%	21.0%	53.9	53.8	0.0	0.2%	21.0%	47.6	47.6	-0.1	-0.2%	21.0%	47.0	47.0	0.0	0.0%
23.5%	62.4	62.5	0.1	0.2%	23.5%	53.7	53.7	0.0	0.0%	23.5%	47.6	47.5	-0.1	-0.2%	23.5%	46.9	46.9	0.0	0.0%
24.7%	62.3	62.4	0.1	0.2%	24.7%	53.7	53.6	-0.1	-0.2%	24.7%	47.5	47.5	0.0	0.0%	24.7%	46.9	46.9	0.0	0.0%
25.9% 27.2%	62.3 62.1	62.4 62.3	0.1	0.2%	25.9% 27.2%	53.7 53.6	53.6 53.6	-0.1 0.0	-0.2% 0.0%	25.9% 27.2%	47.4 47.4	47.5 47.4	0.1	0.2%	25.9% 27.2%	46.9 46.8	46.8 46.8	-0.1 0.0	-0.2% 0.0%
28.4%	61.9	62.3	0.2	0.6%	28.4%	53.6	53.6	0.0	0.0%	28.4%	47.4	47.4	-0.1	-0.2%	28.4%	46.8	46.8	0.0	0.0%
29.6%	61.8	62.2	0.4	0.6%	29.6%	53.6	53.6	0.0	0.0%	29.6%	47.4	47.1	-0.3	-0.6%	29.6%	46.8	46.8	0.0	0.0%
30.9% 32.1%	61.8 61.8	62.1 62.0	0.3	0.5%	30.9% 32.1%	53.5 53.5	53.6 53.5	0.1	0.2%	30.9% 32.1%	47.2 47.1	47.1 47.0	-0.1 -0.1	-0.2% -0.2%	30.9% 32.1%	46.8 46.7	46.7 46.7	-0.1 0.0	-0.2% 0.0%
33.3%	61.7	61.9	0.2	0.3%	33.3%	53.3	53.3	0.0	0.0%	33.3%	47.0	46.9	-0.1	-0.2%	33.3%	46.6	46.6	0.0	0.0%
34.6%	61.7	61.9	0.2	0.3%	34.6%	53.2	53.3	0.1	0.2%	34.6%	47.0	46.9	-0.1	-0.2%	34.6%	46.6	46.6	0.0	0.0%
35.8%	61.6	61.8	0.2	0.3%	35.8%	53.1	53.1	0.0	0.0%	35.8%	46.8	46.6	-0.2	-0.4%	35.8%	46.6	46.6	0.0	0.0%
37.0% 38.3%	61.6 61.6	61.6 61.6	0.0	0.0%	37.0% 38.3%	53.1 53.0	53.1 53.1	0.0	0.0%	37.0% 38.3%	46.6 46.6	46.6 46.6	0.0	0.0%	37.0% 38.3%	46.5 46.5	46.6 46.6	0.1	0.2% 0.2%
39.5%	61.5	61.6	0.0	0.2%	39.5%	53.0	53.0	0.0	0.2%	39.5%	46.5	46.5	0.0	0.0%	39.5%	46.5	46.6	0.1	0.2%
40.7%	61.5	61.6	0.1	0.2%	40.7%	52.8	52.8	0.0	0.0%	40.7%	46.5	46.5	0.0	0.0%	40.7%	46.3	46.3	0.0	0.0%
42.0% 43.2%	61.5 61.4	61.5 61.5	0.0	0.0%	42.0% 43.2%	52.7 52.6	52.7 52.6	0.0	0.0%	42.0% 43.2%	46.5 46.5	46.5 46.4	0.0 -0.1	0.0% -0.2%	42.0% 43.2%	46.3 46.2	46.3 46.2	0.0	0.0%
43.2%	61.4	61.5	0.1	0.2%	43.2%	52.6	52.6	0.0	0.0%	43.2%	46.5 46.4	46.3	-0.1	-0.2%	43.2%	46.0	46.2	0.0	0.0%
45.7%	61.4	61.4	0.0	0.0%	45.7%	52.4	52.5	0.1	0.2%	45.7%	46.4	46.3	-0.1	-0.2%	45.7%	45.9	45.9	0.0	0.0%
46.9%	61.4	61.4	0.0	0.0%	46.9%	52.4	52.4	0.0	0.0%	46.9%	46.4	46.3	-0.1	-0.2%	46.9%	45.8	45.8	0.0	0.0%
48.1% 49.4%	61.3 61.2	61.4 61.2	0.1	0.2%	48.1% 49.4%	52.4 52.3	52.4 52.3	0.0	0.0%	48.1% 49.4%	46.3 46.3	46.2 46.1	-0.1 -0.2	-0.2% -0.4%	48.1% 49.4%	45.8 45.8	45.8 45.8	0.0	0.0%
50.6%	61.2	61.2	0.0	0.0%	50.6%	52.3	52.3	0.0	0.0%	50.6%	46.2	46.1	-0.2	-0.4%	50.6%	45.7	45.7	0.0	0.0%
51.9%	61.1	61.2	0.1	0.2%	51.9%	52.2	52.2	0.0	0.0%	51.9%	46.2	46.0	-0.2	-0.4%	51.9%	45.7	45.7	0.0	0.0%
53.1% 54.3%	61.0 61.0	61.1 61.1	0.1	0.2%	53.1% 54.3%	52.2 52.1	52.2 52.2	0.0	0.0%	53.1% 54.3%	46.1 46.0	46.0 45.9	-0.1 -0.1	-0.2% -0.2%	53.1% 54.3%	45.7 45.7	45.7 45.6	0.0 -0.1	0.0%
55.6%	61.0	61.1	0.1	0.2%	55.6%	52.1	52.2	0.1	0.2%	55.6%	46.0	45.9	-0.1	-0.2%	55.6%	45.6	45.6	0.0	0.0%
56.8%	60.9	61.0	0.1	0.2%	56.8%	52.1	52.2	0.1	0.2%	56.8%	46.0	45.9	-0.1	-0.2%	56.8%	45.6	45.5	-0.1	-0.2%
58.0%	60.9	61.0	0.1	0.2%	58.0%	52.1	52.1	0.0	0.0%	58.0%	45.9	45.9	0.0	0.0%	58.0%	45.5	45.5	0.0	0.0%
59.3% 60.5%	60.8 60.7	60.9 60.8	0.1 0.1	0.2%	59.3% 60.5%	52.1 52.0	52.1 52.0	0.0	0.0%	59.3% 60.5%	45.9 45.8	45.8 45.7	-0.1 -0.1	-0.2% -0.2%	59.3% 60.5%	45.5 45.5	45.4 45.4	-0.1 -0.1	-0.2% -0.2%
61.7%	60.5	60.8	0.3	0.5%	61.7%	52.0	52.0	0.0	0.0%	61.7%	45.7	45.6	-0.1	-0.2%	61.7%	45.4	45.4	0.0	0.0%
63.0%	60.5	60.7	0.2	0.3%	63.0%	51.9	51.9	0.0	0.0%	63.0%	45.6	45.6	0.0	0.0%	63.0%	45.3	45.4	0.1	0.2%
64.2% 65.4%	60.4 60.4	60.6 60.6	0.2 0.2	0.3%	64.2% 65.4%	51.8 51.8	51.8 51.8	0.0	0.0%	64.2% 65.4%	45.5 45.5	45.6 45.5	0.1	0.2%	64.2% 65.4%	45.3 45.2	45.2 45.1	-0.1 -0.1	-0.2% -0.2%
66.7%	60.4	60.5	0.1	0.2%	66.7%	51.7	51.7	0.0	0.0%	66.7%	45.5	45.5	0.0	0.0%	66.7%	45.1	45.1	0.0	0.0%
67.9%	60.3	60.5	0.2	0.3%	67.9%	51.7	51.7	0.0	0.0%	67.9%	45.5	45.4	-0.1	-0.2%	67.9%	45.1	45.0	-0.1	-0.2%
69.1% 70.4%	60.2 60.2	60.3 60.2	0.1	0.2%	69.1% 70.4%	51.7 51.7	51.7 51.6	0.0 -0.1	0.0% -0.2%	69.1% 70.4%	45.4 45.3	45.3 45.3	-0.1 0.0	-0.2% 0.0%	69.1% 70.4%	45.0 44.9	44.9 44.8	-0.1 -0.1	-0.2% -0.2%
70.4%	60.2	60.2	0.0	0.0%	70.4%	51.7	51.5	-0.1	-0.2%	70.4%	45.3 45.2	45.3	0.0	0.0%	70.4%	44.9	44.8	0.0	0.2%
72.8%	60.1	60.1	0.0	0.0%	72.8%	51.5	51.5	0.0	0.0%	72.8%	45.2	45.2	0.0	0.0%	72.8%	44.8	44.7	-0.1	-0.2%
74.1%	59.9 59.9	60.1 60.0	0.2	0.3%	74.1% 75.3%	51.5 51.5	51.5 51.5	0.0	0.0%	74.1%	45.2 45.2	45.2 45.2	0.0	0.0%	74.1% 75.3%	44.7 44.6	44.7 44.7	0.0	0.0%
75.3% 76.5%	59.9	60.0	0.1	0.2%	76.5%	51.5	51.5	0.0	0.0%	75.3% 76.5%	45.2	45.2 45.2	0.0	0.0%	76.5%	44.6	44.7	0.1	0.2% 0.5%
77.8%	59.8	59.9	0.1	0.2%	77.8%	51.4	51.3	-0.1	-0.2%	77.8%	45.1	44.9	-0.2	-0.4%	77.8%	44.2	44.2	0.0	0.0%
79.0%	59.8	59.8	0.0	0.0%	79.0%	51.3	51.3	0.0	0.0%	79.0%	45.0	44.9	-0.1	-0.2%	79.0%	44.1	44.2	0.1	0.2%
80.2% 81.5%	59.8 59.8	59.8 59.8	0.0	0.0%	80.2% 81.5%	51.2 51.2	51.2 51.2	0.0	0.0%	80.2% 81.5%	44.8 44.4	44.8 44.5	0.0	0.0% 0.2%	80.2% 81.5%	44.0 44.0	44.1 44.0	0.1 0.0	0.2%
82.7%	59.8	59.8	0.0	0.0%	82.7%	51.0	51.0	0.0	0.0%	82.7%	44.3	44.3	0.0	0.0%	82.7%	44.0	44.0	0.0	0.0%
84.0%	59.7	59.7	0.0	0.0%	84.0%	50.9	50.9	0.0	0.0%	84.0%	44.3	44.3	0.0	0.0%	84.0%	44.0	44.0	0.0	0.0%
85.2% 86.4%	59.7 59.5	59.6 59.6	-0.1 0.1	-0.2% 0.2%	85.2% 86.4%	50.8 50.8	50.8 50.8	0.0	0.0%	85.2% 86.4%	44.0 44.0	44.1 44.0	0.1	0.2%	85.2% 86.4%	43.9 43.8	44.0 43.9	0.1 0.1	0.2% 0.2%
85.4%	59.5 59.4	59.5 59.5	0.1	0.2%	85.4%	50.8	50.8	0.0	0.0%	86.4% 87.7%	44.0	44.0 44.0	0.0	0.0%	86.4% 87.7%	43.8	43.9	0.1	0.2%
88.9%	59.4	59.5	0.1	0.2%	88.9%	50.6	50.6	0.0	0.0%	88.9%	43.6	43.8	0.2	0.5%	88.9%	43.5	43.7	0.2	0.5%
90.1%	59.3	59.4	0.1	0.2%	90.1%	50.5	50.6	0.1	0.2%	90.1%	43.5	43.5	0.0	0.0%	90.1%	43.5	43.5	0.0	0.0%
91.4% 92.6%	59.3 59.1	59.4 59.3	0.1 0.2	0.2%	91.4% 92.6%	50.4 50.3	50.4 50.3	0.0	0.0%	91.4% 92.6%	43.4 43.4	43.4 43.4	0.0	0.0%	91.4% 92.6%	43.3 43.3	43.3 43.3	0.0	0.0%
93.8%	58.8	58.8	0.2	0.0%	93.8%	50.2	50.2	0.0	0.0%	93.8%	43.3	43.4	0.1	0.2%	93.8%	42.2	42.2	0.0	0.0%
95.1%	58.6	58.7	0.1	0.2%	95.1%	50.1	50.1	0.0	0.0%	95.1%	43.2	42.8	-0.4	-0.9%	95.1%	41.9	42.0	0.1	0.2%
96.3% 97.5%	58.5 57.8	58.5 57.8	0.0	0.0%	96.3% 97.5%	50.1 49.4	50.1 49.4	0.0	0.0%	96.3% 97.5%	42.8 42.2	42.8 42.2	0.0	0.0%	96.3% 97.5%	41.6 41.0	41.6 41.0	0.0	0.0%
98.8%	57.3	57.3	0.0	0.0%	98.8%	49.4	49.4	0.0	0.0%	98.8%	42.2	42.2	0.0	0.0%	98.8%	41.0	41.0	0.0	0.0%
100.0%	57.3	57.3	0.0	0.0%	100.0%	49.1	49.1	0.0	0.0%	100.0%	42.2	42.2	0.0	0.0%	100.0%	41.0	41.0	0.0	0.0%

Table SQ-17-3b

Feather River at the Mouth, Monthly Temperature

Probability of Exceedance

May

March

February

Percent		rebluary		-	Percent					Percent		Aprii			Percent				
Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)				(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)		
0.0%	54.1	54.0	-0.1	-0.2%	0.0%	59.2	59.2	0.0	0.0%	0.0%	66.1	66.2	0.1	0.2%	0.0%	74.4	74.6	0.2	0.3%
1.2%	53.1	53.1	0.0	0.0%	1.2%	58.8	58.7	-0.1	-0.2%	1.2%	65.8	65.8	0.0	0.0%	1.2%	73.5	73.9	0.4	0.5%
2.5%	53.0	53.0	0.0	0.0%	2.5%	58.1	58.0	-0.1	-0.2%	2.5%	65.8	65.8	0.0	0.0%	2.5%	71.7	71.7	0.0	0.0%
3.7%	52.9	52.8	-0.1	-0.2%	3.7%	57.9	57.8	-0.1	-0.2%	3.7%	65.6	65.5	-0.1	-0.2%	3.7%	71.4	71.5	0.1	0.1%
4.9%	52.4	52.3	-0.1	-0.2%	4.9%	57.6	57.5	-0.1	-0.2%	4.9%	65.5	65.5	0.0	0.0%	4.9%	71.2	71.2	0.0	0.0%
6.2%	52.3	52.3	0.0	0.0%	6.2%	57.3	57.3	0.0	0.0%	6.2%	64.8	64.8	0.0	0.0%	6.2%	70.1	70.1	0.0	0.0%
7.4%	52.2	52.2	0.0	0.0%	7.4%	57.2	57.2	0.0	0.0%	7.4%	64.6	64.6	0.0	0.0%	7.4%	69.9	69.9	0.0	0.0%
8.6%	52.2	52.1	-0.1	-0.2%	8.6%	57.2	56.9	-0.3	-0.5%	8.6%	64.3	64.6	0.3	0.5%	8.6%	69.5	69.8	0.3	0.4%
9.9%	52.1	52.1	0.0	0.0%	9.9%	57.1	56.9	-0.2	-0.4%	9.9%	64.3	64.3	0.0	0.0%	9.9%	69.4	69.5	0.1	0.1%
11.1%	52.1	52.1	0.0	0.0%	11.1%	56.6	56.6	0.0	0.0%	11.1%	64.3	64.3	0.0	0.0%	11.1%	69.2	69.2	0.0	0.0%
12.3%	52.1	51.8	-0.3	-0.6%	12.3%	56.6	56.6	0.0	0.0%	12.3%	64.0	64.3	0.3	0.5%	12.3%	69.1	69.1	0.0	0.0%
13.6%	51.7	51.7	0.0	0.0%	13.6%	56.6	56.5	-0.1	-0.2%	13.6%	63.9	64.0	0.1	0.2%	13.6%	69.1	69.1	0.0	0.0%
14.8%	51.6	51.7	0.1	0.2%	14.8%	56.5	56.5	0.0	0.0%	14.8%	63.8	63.8	0.0	0.0%	14.8%	69.0	69.1	0.1	0.1%
16.0%	51.5	51.5	0.0	0.0%	16.0%	56.4	56.4	0.0	0.0%	16.0%	63.3	63.3	0.0	0.0%	16.0%	68.9	69.1	0.2	0.3%
17.3%	51.5	51.5	0.0	0.0%	17.3%	56.3	56.3	0.0	0.0%	17.3%	63.2	63.2	0.0	0.0%	17.3%	68.6	68.9	0.3	0.4%
18.5%	51.5	51.5	0.0	0.0%	18.5%	56.3	56.3	0.0	0.0%	18.5%	63.1	63.1	0.0	0.0%	18.5%	68.4	68.5	0.1	0.1%
19.8%	51.4	51.4	0.0	0.0%	19.8%	56.3	56.2	-0.1	-0.2%	19.8%	62.6	62.6	0.0	0.0%	19.8%	68.2	68.2	0.0	0.0%
21.0%	51.3	51.3	0.0	0.0%	21.0%	56.3	56.2	-0.1	-0.2%	21.0%	62.6	62.6	0.0	0.0%	21.0%	68.2	68.2	0.0	0.0%
22.2%	51.3	51.2	-0.1	-0.2%	22.2%	56.2	56.2	0.0	0.0%	22.2%	62.5	62.5	0.0	0.0%	22.2%	68.1	68.1	0.0	0.0%
23.5%	51.2	51.2	0.0	0.0%	23.5%	56.2	56.2	0.0	0.0%	23.5%	62.4	62.4	0.0	0.0%	23.5%	68.1	68.1	0.0	0.0%
24.7%	51.2	51.2	0.0	0.0%	24.7%	56.2	56.0	-0.2	-0.4%	24.7%	62.4	62.4	0.0	0.0%	24.7%	67.9	68.0	0.1	0.1%
25.9%	51.2	51.1	-0.1	-0.2%	25.9%	56.0	55.8	-0.2	-0.4%	25.9%	62.2	62.2	0.0	0.0%	25.9%	67.7	67.9	0.2	0.3%
27.2%	51.0	51.1	0.1	0.2%	27.2%	55.7	55.6	-0.1	-0.2%	27.2%	62.1	62.2	0.1	0.2%	27.2%	67.7	67.7	0.0	0.0%
28.4%	51.0	51.0	0.0	0.0%	28.4%	55.5	55.5	0.0	0.0%	28.4%	62.1	62.1	0.0	0.0%	28.4%	67.5	67.7	0.2	0.3%
29.6%	51.0	51.0	0.0	0.0%	29.6%	55.5	55.5	0.0	0.0%	29.6%	62.1	62.1	0.0	0.0%	29.6%	67.5	67.6	0.1	0.1%
30.9%	50.8	50.8	0.0	0.0%	30.9%	55.3	55.3	0.0	0.0%	30.9%	61.9	61.9	0.0	0.0%	30.9%	67.5	67.5	0.0	0.0%
32.1%	50.8	50.8	0.0	0.0%	32.1%	55.2	55.2	0.0	0.0%	32.1%	61.4	61.4	0.0	0.0%	32.1%	67.4	67.5	0.1	0.1%
33.3%	50.7	50.7	0.0	0.0%	33.3%	55.2	55.2	0.0	0.0%	33.3%	61.4	61.4	0.0	0.0%	33.3%	67.4	67.5	0.1	0.1%
34.6%	50.6	50.6	0.0	0.0%	34.6%	55.2	55.1	-0.1	-0.2%	34.6%	61.3	61.3	0.0	0.0%	34.6%	67.2	67.4	0.2	0.3%
35.8%	50.6	50.6	0.0	0.0%	35.8%	55.1	55.1	0.0	0.0%	35.8%	61.3	61.3	0.0	0.0%	35.8%	67.2	67.2	0.0	0.0%
37.0%	50.4	50.4	0.0	0.0%	37.0%	55.1	55.0	-0.1	-0.2%	37.0%	61.3	61.3	0.0	0.0%	37.0%	67.2	67.2	0.0	0.0%
38.3%	50.4	50.4	0.0	0.0%	38.3%	55.0	54.9	-0.1	-0.2%	38.3%	61.2	61.2	0.0	0.0%	38.3%	67.1	67.1	0.0	0.0%
39.5%	50.4	50.4	0.0	0.0%	39.5%	55.0	54.8	-0.2	-0.4%	39.5%	61.1	61.1	0.0	0.0%	39.5%	67.0	67.0	0.0	0.0%
40.7%	50.4	50.4	0.0	0.0%	40.7%	54.9	54.8	-0.1	-0.2%	40.7%	61.0	61.0	0.0	0.0%	40.7%	67.0	67.0	0.0	0.0%
42.0%	50.4	50.4	0.0	0.0%	42.0%	54.9	54.8	-0.1	-0.2%	42.0%	60.9	60.9	0.0	0.0%	42.0%	67.0	67.0	0.0	0.0%
43.2%	50.3	50.3	0.0	0.0%	43.2%	54.7	54.8	0.1	0.2%	43.2%	60.9	60.9	0.0	0.0%	43.2%	66.9	66.9	0.0	0.0%
44.4%	50.2	50.2	0.0	0.0%	44.4%	54.7	54.8	0.1	0.2%	44.4%	60.9	60.9	0.0	0.0%	44.4%	66.9	66.9	0.0	0.0%
45.7%	50.2	50.2	0.0	0.0%	45.7%	54.7	54.7	0.0	0.0%	45.7%	60.8	60.8	0.0	0.0%	45.7%	66.8	66.8	0.0	0.0%
46.9%	50.1	50.1	0.0	0.0%	46.9%	54.6	54.7	0.1	0.2%	46.9%	60.8	60.8	0.0	0.0%	46.9%	66.6	66.7	0.1	0.2%
48.1%	50.1	50.1	0.0	0.0%	48.1%	54.6	54.6	0.0	0.0%	48.1%	60.8	60.8	0.0	0.0%	48.1%	66.5	66.6	0.1	0.2%
49.4%	50.1	50.1	0.0	0.0%	49.4%	54.5	54.5	0.0	0.0%	49.4%	60.7	60.7	0.0	0.0%	49.4%	66.4	66.5	0.1	0.2%
50.6%	50.1	50.0	-0.1	-0.2%	50.6%	54.5	54.5	0.0	0.0%	50.6%	60.6	60.6	0.0	0.0%	50.6%	66.4	66.4	0.0	0.0%
51.9%	50.0	50.0	0.0	0.0%	51.9%	54.4	54.4	0.0	0.0%	51.9%	60.6	60.6	0.0	0.0%	51.9%	66.4	66.4	0.0	0.0%
53.1%	50.0	50.0	0.0	0.0%	53.1%	54.4	54.4	0.0	0.0%	53.1%	60.5	60.5	0.0	0.0%	53.1%	66.4	66.4	0.0	0.0%
54.3%	50.0	50.0	0.0	0.0%	54.3%	54.3	54.4	0.1	0.2%	54.3%	60.5	60.5	0.0	0.0%	54.3%	66.4	66.3	-0.1	-0.2%
55.6%	50.0	49.9	-0.1	-0.2%	55.6%	54.2	54.2	0.0	0.0%	55.6%	60.4	60.4	0.0	0.0%	55.6%	66.3	66.2	-0.1	-0.2%
56.8%	49.9	49.9	0.0	0.0%	56.8%	54.2	54.2	0.0	0.0%	56.8%	60.3	60.3	0.0	0.0%	56.8%	66.2	66.2	0.0	0.0%
58.0%	49.9	49.9	0.0	0.0%	58.0%	54.2	54.2	0.0	0.0%	58.0%	60.2	60.3	0.1	0.2%	58.0%	66.2	66.1	-0.1	-0.2%
59.3%	49.8	49.8	0.0	0.0%	59.3%	54.2	54.2	0.0	0.0%	59.3%	60.0	60.2	0.2	0.3%	59.3%	66.1	66.1	0.0	0.0%
60.5%	49.6	49.6	0.0	0.0%	60.5%	54.2	54.2	0.0	0.0%	60.5%	60.0	60.0	0.0	0.0%	60.5%	66.0	66.0	0.0	0.0%
61.7%	49.6	49.6	0.0	0.0%	61.7%	53.9	53.9	0.0	0.0%	61.7%	59.9	59.9	0.0	0.0%	61.7%	65.8	66.0	0.2	0.3%
63.0%	49.6	49.6	0.0	0.0%	63.0%	53.8	53.8	0.0	0.0%	63.0%	59.9	59.9	0.0	0.0%	63.0%	65.7	65.7	0.0	0.0%
64.2%	49.4	49.4	0.0	0.0%	64.2%	53.7	53.7	0.0	0.0%	64.2%	59.7	59.8	0.1	0.2%	64.2%	65.6	65.6	0.0	0.0%
65.4%	49.4	49.4	0.0	0.0%	65.4%	53.7	53.7	0.0	0.0%	65.4%	59.5	59.5	0.0	0.0%	65.4%	65.3	65.3	0.0	0.0%
66.7%	49.4	49.4	0.0	0.0%	66.7%	53.7	53.7	0.0	0.0%	66.7%	59.5	59.5	0.0	0.0%	66.7%	64.9	64.9	0.0	0.0%
67.9%	49.3	49.3	0.0	0.0%	67.9%	53.6	53.7	0.1	0.2%	67.9%	59.5	59.5	0.0	0.0%	67.9%	64.9	64.9	0.0	0.0%
69.1%	49.3	49.3	0.0	0.0%	69.1%	53.6	53.6	0.0	0.0%	69.1%	59.3	59.4	0.1	0.2%	69.1%	64.8	64.8	0.0	0.0%
70.4%	49.3	49.3	0.0	0.0%	70.4%	53.5	53.5	0.0	0.0%	70.4%	59.2	59.2	0.0	0.0%	70.4%	64.8	64.8	0.0	0.0%
71.6%	49.2	49.3	0.1	0.2%	71.6%	53.4	53.4	0.0	0.0%	71.6%	59.1	59.1	0.0	0.0%	71.6%	64.7	64.7	0.0	0.0%
72.8%	49.2	49.2	0.0	0.0%	72.8%	53.4	53.3	-0.1	-0.2%	72.8%	58.9	58.9	0.0	0.0%	72.8%	64.6	64.6	0.0	0.0%
74.1%	49.1	49.2	0.1	0.2%	74.1%	53.3	53.3	0.0	0.0%	74.1%	58.4	58.4	0.0	0.0%	74.1%	64.6	64.6	0.0	0.0%
75.3%	49.1	49.1	0.0	0.0%	75.3%	53.2	53.2	0.0	0.0%	75.3%	58.3	58.3	0.0	0.0%	75.3%	64.1	64.1	0.0	0.0%
76.5%	49.1	49.1	0.0	0.0%	76.5%	53.0	53.0	0.0	0.0%	76.5%	58.1	58.1	0.0	0.0%	76.5%	64.0	64.0	0.0	0.0%
77.8%	49.0	49.0	0.0	0.0%	77.8%	53.0	53.0	0.0	0.0%	77.8%	58.1	58.1	0.0	0.0%	77.8%	64.0	64.0	0.0	0.0%
79.0%	48.9	48.9	0.0	0.0%	79.0%	53.0	53.0	0.0	0.0%	79.0%	58.0	58.0	0.0	0.0%	79.0%	63.8	63.8	0.0	0.0%
80.2%	48.9	48.9	0.0	0.0%	80.2%	52.9	52.9	0.0	0.0%	80.2%	57.9	57.9	0.0	0.0%	80.2%	63.8	63.8	0.0	0.0%
81.5%	48.9	48.9	0.0	0.0%	81.5%	52.7	52.7	0.0	0.0%	81.5%	57.8	57.8	0.0	0.0%	81.5%	63.7	63.7	0.0	0.0%
82.7%	48.8	48.8	0.0	0.0%	82.7%	52.6	52.6	0.0	0.0%	82.7%	57.8	57.8	0.0	0.0%	82.7%	63.7	63.7	0.0	0.0%
84.0%	48.8	48.8	0.0	0.0%	84.0%	52.5	52.3	-0.2	-0.4%	84.0%	57.7	57.7	0.0	0.0%	84.0%	63.5	63.5	0.0	0.0%
85.2%	48.7	48.7	0.0	0.0%	85.2%	52.3	52.3	0.0	0.0%	85.2%	57.6	57.6	0.0	0.0%	85.2%	63.2	63.2	0.0	0.0%
86.4%	48.5	48.5	0.0	0.0%	86.4%	52.2	52.2	0.0	0.0%	86.4%	57.5	57.5	0.0	0.0%	86.4%	63.1	63.1	0.0	0.0%
87.7%	48.4	48.4	0.0	0.0%	87.7%	52.2	52.1	-0.1	-0.2%	87.7%	57.4	57.4	0.0	0.0%	87.7%	63.1	63.0	-0.1	-0.2%
88.9%	48.3	48.4	0.1	0.2%	88.9%	52.0	52.0	0.0	0.0%	88.9%	57.3	57.3	0.0	0.0%	88.9%	63.0	63.0	0.0	0.0%
90.1%	48.3	48.3	0.0	0.0%	90.1%	52.0	51.9	-0.1	-0.2%	90.1%	57.1	57.1	0.0	0.0%	90.1%	62.9	62.9	0.0	0.0%
91.4%	48.1	48.1	0.0	0.0%	91.4%	51.8	51.8	0.0	0.0%	91.4%	57.1	57.1	0.0	0.0%	91.4%	62.4	62.4	0.0	0.0%
92.6%	48.0	48.0	0.0	0.0%	92.6%	51.8	51.8	0.0	0.0%	92.6%	57.1	57.1	0.0	0.0%	92.6%	62.2	62.3	0.1	0.2%
93.8%	48.0	48.0	0.0	0.0%	93.8%	51.6	51.6	0.0	0.0%	93.8%	56.8	56.8	0.0	0.0%	93.8%	62.1	62.1	0.0	0.0%
95.1%	48.0	48.0	0.0	0.0%	95.1%	51.5	51.5	0.0	0.0%	95.1%	56.5	56.5	0.0	0.0%	95.1%	61.7	61.7	0.0	0.0%
96.3%	47.5	47.5	0.0	0.0%	96.3%	51.5	51.5	0.0	0.0%	96.3%	56.3	56.3	0.0	0.0%	96.3%	61.6	61.6	0.0	0.0%
97.5%	47.4	47.4	0.0	0.0%	97.5%	51.5	51.4	-0.1	-0.2%	97.5%	55.9	55.9	0.0	0.0%	97.5%	61.2	61.2	0.0	0.0%
98.8%	47.3	47.3	0.0	0.0%	98.8%	51.4	51.4	0.0	0.0%	98.8%	55.6	55.6	0.0	0.0%	98.8%	60.9	60.9	0.0	0.0%
100.0%	47.3	47.3	0.0	0.0%	100.0%	51.4	51.4	0.0	0.0%	100.0%	55.6	55.6	0.0	0.0%	100.0%	60.9	60.9	0.0	0.0%

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

									Probability	of Exceedance									
Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative		Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative
Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
0.0%	(DEG-F) 75.7	(DEG-F) 76.1	0.4	0.5%	(%)	(DEG-F) 77.4	(DEG-F) 79.1	1.7	2.2%		(DEG-F) 78.2	(DEG-F) 78.5	0.3	0.4%		(DEG-F) 73.9	(DEG-F) 74.0	0.1	0.1%
1.2%	75.5	75.6	0.1	0.1%	1.2%	77.0	77.8	0.8	1.0%	1.2%	77.0	77.0	0.0	0.0%	1.2%	73.1	73.1	0.0	0.0%
2.5%	75.5	75.2	-0.3	-0.4%	2.5%	76.4	76.9	0.5	0.7%	2.5%	77.0	77.0	0.0	0.0%	2.5%	72.9	73.0	0.1	0.1%
3.7%	75.1 75.0	75.2 74.7	0.1 -0.3	0.1%	3.7% 4.9%	76.4 76.3	76.4 76.3	0.0	0.0%	3.7% 4.9%	76.7 76.3	76.7 76.0	0.0 -0.3	0.0%	3.7% 4.9%	72.4 72.2	72.7 72.2	0.3	0.4%
6.2%	74.6	74.6	0.0	0.0%	6.2%	76.3	75.3	-1.0	0.0% -1.3%	6.2%	76.0	75.9	-0.3	-0.1%	6.2%	72.1	72.1	0.0	0.0%
7.4%	74.6	74.4	-0.2	-0.3%	7.4%	76.1	75.2	-0.9	-1.2%	7.4%	75.9	75.7	-0.2	-0.3%	7.4%	71.9	72.0	0.1	0.1%
8.6% 9.9%	74.6 74.1	74.3 73.9	-0.3 -0.2	-0.4% -0.3%	8.6% 9.9%	75.5 75.3	75.1 75.1	-0.4 -0.2	-0.5% -0.3%	8.6% 9.9%	75.9 75.7	75.5 75.2	-0.4 -0.5	-0.5% -0.7%	8.6% 9.9%	71.9 71.9	71.9 71.8	0.0 -0.1	-0.1%
11.1%	74.1	73.9	0.2	0.1%	11.1%	75.3 75.1	75.0	-0.2	-0.1%	11.1%	75.7	75.2	-0.5	-0.7%	11.1%	71.9	71.8	-0.1	-0.1%
12.3%	73.7	73.7	0.0	0.0%	12.3%	75.1	75.0	-0.1	-0.1%	12.3%	75.4	75.2	-0.2	-0.3%	12.3%	71.7	71.6	-0.1	-0.1%
13.6%	73.6	73.7	0.1	0.1%	13.6%	75.0	74.9	-0.1	-0.1%	13.6%	75.2	75.0	-0.2	-0.3%	13.6%	71.7	71.6	-0.1	-0.1%
14.8% 16.0%	73.5 73.4	73.5 73.5	0.0	0.0%	14.8% 16.0%	74.8 74.8	74.7 74.7	-0.1 -0.1	-0.1% -0.1%	14.8% 16.0%	74.4 74.4	75.0 75.0	0.6	0.8%	14.8% 16.0%	71.5 71.3	71.6 71.4	0.1	0.1%
17.3%	73.2	73.4	0.1	0.1%	17.3%	74.6	74.7	0.1	0.1%	17.3%	74.3	74.7	0.4	0.5%	17.3%	71.2	71.1	-0.1	-0.1%
18.5%	73.2	73.2	0.0	0.0%	18.5%	74.6	74.2	-0.4	-0.5%	18.5%	74.3	74.5	0.2	0.3%	18.5%	71.1	70.9	-0.2	-0.3%
19.8%	73.2	73.2	0.0	0.0%	19.8%	74.5	74.2	-0.3	-0.4%	19.8%	74.1	74.5	0.4	0.5%	19.8%	71.0	70.9	-0.1	-0.1%
21.0% 22.2%	73.2 73.2	73.2 73.2	0.0	0.0%	21.0% 22.2%	74.3 74.1	74.2 74.1	-0.1 0.0	-0.1% 0.0%	21.0% 22.2%	73.9 73.8	74.4 74.2	0.5 0.4	0.7%	21.0% 22.2%	70.8 70.8	70.9 70.7	0.1 -0.1	0.1% -0.1%
23.5%	73.2	73.1	-0.1	-0.1%	23.5%	74.1	74.1	0.0	0.0%	23.5%	73.7	74.1	0.4	0.5%	23.5%	70.6	70.5	-0.1	-0.1%
24.7%	72.9	73.0	0.1	0.1%	24.7%	74.1	74.1	0.0	0.0%	24.7%	73.6	74.1	0.5	0.7%	24.7%	70.5	70.2	-0.3	-0.4%
25.9%	72.9	73.0	0.1	0.1%	25.9%	74.0	74.0	0.0	0.0%	25.9%	73.6	74.0	0.4	0.5%	25.9%	70.4	70.1	-0.3	-0.4%
27.2% 28.4%	72.8 72.8	72.8 72.8	0.0	0.0%	27.2% 28.4%	74.0 73.9	74.0 73.9	0.0	0.0%	27.2% 28.4%	73.5 73.5	74.0 73.7	0.5 0.2	0.7%	27.2% 28.4%	70.2 70.2	69.9 69.9	-0.3 -0.3	-0.4% -0.4%
29.6%	72.7	72.8	0.1	0.1%	29.6%	73.9	73.7	-0.2	-0.3%	29.6%	73.5	73.7	0.2	0.3%	29.6%	70.1	69.9	-0.2	-0.3%
30.9%	72.4	72.4	0.0	0.0%	30.9%	73.9	73.6	-0.3	-0.4%	30.9%	73.4	73.7	0.3	0.4%	30.9%	70.1	69.7	-0.4	-0.6%
32.1% 33.3%	72.3 72.3	72.3 72.3	0.0	0.0%	32.1% 33.3%	73.9 73.9	73.6 73.5	-0.3 -0.4	-0.4% -0.5%	32.1% 33.3%	73.3 73.2	73.5 73.5	0.2	0.3%	32.1% 33.3%	69.9 69.8	69.6 69.6	-0.3 -0.2	-0.4% -0.3%
34.6%	72.2	72.2	0.0	0.0%	34.6%	73.6	73.5	-0.4	-0.1%	34.6%	73.2	73.4	0.3	0.4%	34.6%	69.7	69.6	-0.2	-0.1%
35.8%	72.2	72.1	-0.1	-0.1%	35.8%	73.6	73.5	-0.1	-0.1%	35.8%	73.1	73.0	-0.1	-0.1%	35.8%	69.6	69.4	-0.2	-0.3%
37.0%	72.1	72.1	0.0	0.0%	37.0%	73.5	73.5	0.0	0.0%	37.0%	72.9	73.0	0.1	0.1%	37.0%	69.6	69.3	-0.3	-0.4%
38.3% 39.5%	72.1 72.1	72.1 72.1	0.0	0.0%	38.3% 39.5%	73.5 73.4	73.4 73.4	-0.1 0.0	-0.1% 0.0%	38.3% 39.5%	72.9 72.8	73.0 72.9	0.1	0.1% 0.1%	38.3% 39.5%	69.5 69.4	69.2 69.1	-0.3 -0.3	-0.4% -0.4%
40.7%	72.0	72.1	0.1	0.1%	40.7%	73.4	73.4	0.0	0.0%	40.7%	72.8	72.9	0.1	0.1%	40.7%	69.2	69.1	-0.1	-0.1%
42.0%	72.0	72.0	0.0	0.0%	42.0%	73.4	73.3	-0.1	-0.1%	42.0%	72.8	72.8	0.0	0.0%	42.0%	69.1	68.8	-0.3	-0.4%
43.2% 44.4%	71.9 71.9	72.0 71.9	0.1	0.1%	43.2% 44.4%	73.3 73.3	73.3 73.3	0.0	0.0%	43.2% 44.4%	72.7 72.6	72.6 72.5	-0.1 -0.1	-0.1% -0.1%	43.2% 44.4%	69.0 69.0	68.8 68.8	-0.2 -0.2	-0.3% -0.3%
45.7%	71.9	71.7	0.0	0.0%	45.7%	73.3	73.3	0.0	0.0%	45.7%	72.6	72.4	-0.1	-0.3%	45.7%	68.9	68.6	-0.2	-0.4%
46.9%	71.7	71.6	-0.1	-0.1%	46.9%	73.2	73.2	0.0	0.0%	46.9%	72.6	72.3	-0.3	-0.4%	46.9%	68.9	68.4	-0.5	-0.7%
48.1%	71.7	71.6	-0.1	-0.1%	48.1%	73.2	73.2	0.0	0.0%	48.1%	72.6	72.3	-0.3	-0.4%	48.1%	68.8	68.3	-0.5	-0.7%
49.4% 50.6%	71.6 71.5	71.6 71.5	0.0	0.0%	49.4% 50.6%	73.1 73.0	73.2 73.1	0.1 0.1	0.1% 0.1%	49.4% 50.6%	72.6 72.5	72.1 72.1	-0.5 -0.4	-0.7% -0.6%	49.4% 50.6%	68.4 68.3	68.3 68.3	-0.1 0.0	-0.1% 0.0%
51.9%	71.4	71.5	0.0	0.1%	51.9%	73.0	73.0	0.0	0.0%	51.9%	72.3	72.1	-0.4	-0.3%	51.9%	68.3	68.1	-0.2	-0.3%
53.1%	71.3	71.4	0.1	0.1%	53.1%	73.0	73.0	0.0	0.0%	53.1%	72.3	72.0	-0.3	-0.4%	53.1%	68.3	67.8	-0.5	-0.7%
54.3%	71.3	71.4	0.1	0.1%	54.3%	73.0	73.0	0.0	0.0%	54.3%	72.3	72.0	-0.3	-0.4%	54.3%	68.2	67.7	-0.5	-0.7%
55.6% 56.8%	71.1 71.1	71.3 71.2	0.2	0.3%	55.6% 56.8%	72.8 72.7	72.9 72.8	0.1 0.1	0.1%	55.6% 56.8%	72.2 71.9	71.8 71.8	-0.4 -0.1	-0.6% -0.1%	55.6% 56.8%	68.0 67.9	67.7 67.6	-0.3 -0.3	-0.4% -0.4%
58.0%	71.0	70.9	-0.1	-0.1%	58.0%	72.7	72.8	0.1	0.1%	58.0%	71.9	71.8	-0.1	-0.1%	58.0%	67.8	67.6	-0.2	-0.3%
59.3%	71.0	70.9	-0.1	-0.1%	59.3%	72.6	72.7	0.1	0.1%	59.3%	71.8	71.7	-0.1	-0.1%	59.3%	67.8	67.5	-0.3	-0.4%
60.5% 61.7%	70.9 70.8	70.8 70.8	-0.1 0.0	-0.1% 0.0%	60.5% 61.7%	72.6 72.6	72.7 72.7	0.1	0.1%	60.5% 61.7%	71.7 71.6	71.6 71.6	-0.1 0.0	-0.1% 0.0%	60.5% 61.7%	67.7 67.7	67.5 67.5	-0.2 -0.2	-0.3% -0.3%
63.0%	70.8	70.7	-0.1	-0.1%	63.0%	72.6	72.6	0.0	0.0%	63.0%	71.6	71.5	-0.1	-0.1%	63.0%	67.7	67.2	-0.5	-0.7%
64.2%	70.7	70.7	0.0	0.0%	64.2%	72.6	72.6	0.0	0.0%	64.2%	71.6	71.3	-0.3	-0.4%	64.2%	67.2	67.2	0.0	0.0%
65.4%	70.6	70.6	0.0	0.0%	65.4%	72.6	72.5	-0.1	-0.1%	65.4%	71.5	71.3	-0.2	-0.3%	65.4%	67.2	67.2	0.0	0.0%
66.7% 67.9%	70.6 70.3	70.5 70.3	-0.1 0.0	-0.1% 0.0%	66.7% 67.9%	72.5 72.3	72.5 72.3	0.0	0.0%	66.7% 67.9%	71.3 71.3	71.3 71.3	0.0	0.0%	66.7% 67.9%	67.2 67.2	67.1 67.0	-0.1 -0.2	-0.1% -0.3%
69.1%	70.1	70.1	0.0	0.0%	69.1%	72.2	72.3	0.1	0.1%	69.1%	71.3	71.2	-0.1	-0.1%	69.1%	67.2	66.9	-0.3	-0.4%
70.4%	70.1	70.1	0.0	0.0%	70.4%	72.2	72.2	0.0	0.0%	70.4%	71.2	71.2	0.0	0.0%	70.4%	67.1	66.7	-0.4	-0.6%
71.6% 72.8%	70.1 70.0	70.0 70.0	-0.1 0.0	-0.1% 0.0%	71.6% 72.8%	72.1 72.0	72.0 72.0	-0.1 0.0	-0.1% 0.0%	71.6% 72.8%	71.2 71.1	71.1 71.0	-0.1 -0.1	-0.1% -0.1%	71.6% 72.8%	67.1 66.9	66.7 66.7	-0.4 -0.2	-0.6% -0.3%
74.1%	70.0	69.9	-0.1	-0.1%	74.1%	72.0	72.0	0.0	0.0%	74.1%	71.0	70.9	-0.1	-0.1%	74.1%	66.9	66.7	-0.2	-0.3%
75.3%	69.6	69.7	0.1	0.1%	75.3%	71.9	72.0	0.1	0.1%	75.3%	71.0	70.8	-0.2	-0.3%	75.3%	66.7	66.6	-0.1	-0.1%
76.5% 77.8%	69.6 69.5	69.6 69.5	0.0	0.0%	76.5% 77.8%	71.9 71.9	72.0 71.9	0.1 0.0	0.1%	76.5% 77.8%	70.8 70.8	70.8 70.8	0.0	0.0%	76.5% 77.8%	66.7 66.7	66.4 66.3	-0.3 -0.4	-0.4% -0.6%
77.8%	69.5	69.4	-0.1	-0.1%	79.0%	71.9	71.9	0.0	0.0%	79.0%	70.8	70.8	0.0	0.0%	79.0%	66.6	66.3	-0.4	-0.5%
80.2%	69.4	69.2	-0.2	-0.3%	80.2%	71.9	71.9	0.0	0.0%	80.2%	70.7	70.6	-0.1	-0.1%	80.2%	66.5	66.2	-0.3	-0.5%
81.5%	69.4	69.2	-0.2	-0.3%	81.5%	71.8	71.8	0.0	0.0%	81.5%	70.5	70.5	0.0	0.0%	81.5%	66.4	66.1	-0.3	-0.5%
82.7% 84.0%	69.2 69.0	69.0 69.0	-0.2 0.0	-0.3% 0.0%	82.7% 84.0%	71.7 71.7	71.8 71.7	0.1	0.1% 0.0%	82.7% 84.0%	70.5 70.3	70.5 70.4	0.0	0.0% 0.1%	82.7% 84.0%	66.1 66.0	66.0 66.0	-0.1 0.0	-0.2% 0.0%
85.2%	69.0	68.9	-0.1	-0.1%	85.2%	71.6	71.7	0.0	0.1%	85.2%	70.3	70.4	0.1	0.1%	85.2%	66.0	66.0	0.0	0.0%
86.4%	69.0	68.8	-0.2	-0.3%	86.4%	71.5	71.6	0.1	0.1%	86.4%	70.3	70.4	0.1	0.1%	86.4%	65.9	65.9	0.0	0.0%
87.7%	68.9	68.7	-0.2	-0.3%	87.7%	71.1	71.6	0.5	0.7%	87.7%	70.1	70.3	0.2	0.3%	87.7%	65.6	65.9	0.3	0.5%
88.9% 90.1%	68.5 68.4	68.5 68.3	0.0 -0.1	0.0% -0.1%	88.9% 90.1%	71.0 70.9	71.1 71.0	0.1 0.1	0.1% 0.1%	88.9% 90.1%	70.0 70.0	70.2 70.0	0.2	0.3%	88.9% 90.1%	65.5 65.5	65.8 65.5	0.3	0.5%
91.4%	67.8	67.8	0.0	0.0%	91.4%	70.9	70.9	0.0	0.0%	91.4%	69.9	69.9	0.0	0.0%	91.4%	65.4	65.5	0.1	0.0%
92.6%	67.4	67.4	0.0	0.0%	92.6%	70.9	70.9	0.0	0.0%	92.6%	69.8	69.9	0.1	0.1%	92.6%	65.2	65.4	0.2	0.3%
93.8%	67.4	67.4	0.0	0.0%	93.8%	70.7	70.7	0.0	0.0%	93.8%	69.6	69.5 69.5	-0.1 -0.1	-0.1%	93.8%	64.9 63.8	65.0	0.1	0.2%
95.1% 96.3%	67.4 67.0	67.2 66.8	-0.2 -0.2	-0.3% -0.3%	95.1% 96.3%	70.7 70.5	70.7 70.5	0.0	0.0%	95.1% 96.3%	69.6 69.5	69.3	-0.1	-0.1% -0.3%	95.1% 96.3%	63.4	63.8 63.4	0.0	0.0%
97.5%	65.8	65.8	0.0	0.0%	97.5%	70.5	70.4	-0.1	-0.1%	97.5%	69.3	69.1	-0.2	-0.3%	97.5%	63.1	63.1	0.0	0.0%
98.8%	65.7	65.7	0.0	0.0%	98.8%	70.4	70.2	-0.2	-0.3%	98.8%	69.0	69.0	0.0	0.0%	98.8%	63.0	62.9	-0.1	-0.2%
100.0%	65.7	65.7	0.0	0.0%	100.0%	70.4	70.2	-0.2	-0.3%	100.0%	69.0	69.0	0.0	0.0%	100.0%	63.0	62.9	-0.1	-0.2%

Table SQ-18-3a American River below Nimbus Dam, Monthly Temperature Long-term Average and Average by Water Year Type

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

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



Figure SQ-18-3b

American River below Nimbus Dam, Monthly Temperature

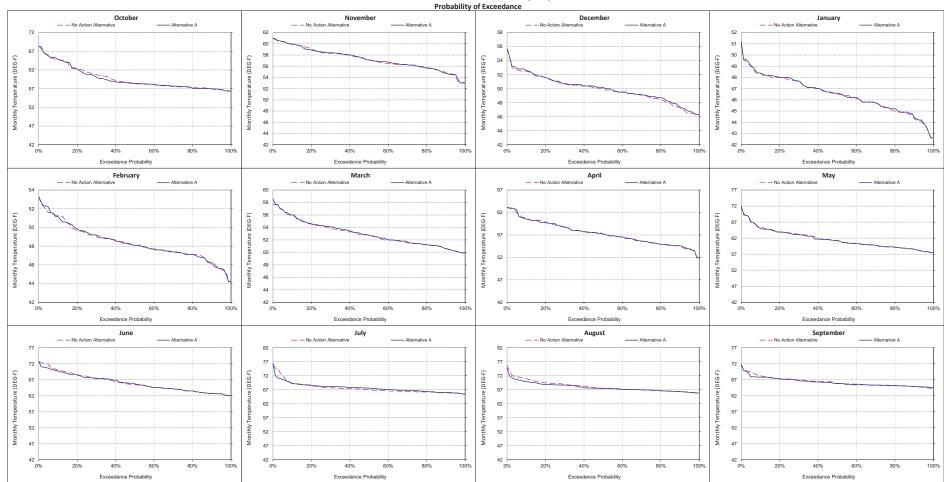


Table SQ-18-3b

American River below Nimbus Dam, Monthly Temperature
Probability of Exceedance

		October					November					December					January		
Percent	No Action Alternative	Alternative A	Absolute		Percent	No Action Alternative	Alternative A	Absolute		Percent	No Action Alternative	Alternative A	Absolute		Percent	No Action Alternative	Alternative A	Absolute	
Exceedance			Difference	Relative	Exceedance			Difference	Relative	Exceedance			- Difference	Relative	Exceedance			Difference	Relative
Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	68.4	68.4	0.0	0.0%	0.0%	60.9	61.0	0.1	0.2%	0.0%	55.7	55.7	0.0	0.0%	0.0%	51.2	51.2	0.0	0.0%
1.2%	67.7	68.2	0.5	0.7%	1.2%	60.8	60.9	0.1	0.2%	1.2%	54.5	54.6	0.1	0.2%	1.2%	49.6	49.6	0.0	0.0%
2.5%	66.7	66.7	0.0	0.0%	2.5%	60.5	60.6	0.1	0.2%	2.5%	53.1	53.2	0.1	0.2%	2.5%	49.4	49.6	0.2	0.4%
3.7%	66.3	66.2	-0.1	-0.2%	3.7%	60.5	60.5	0.0	0.0%	3.7%	52.7	53.2	0.5	0.9%	3.7%	49.2	49.4	0.2	0.4%
4.9%	66.0	65.8	-0.2	-0.3%	4.9%	60.4	60.4	0.0	0.0%	4.9%	52.7	52.9	0.2	0.4%	4.9%	49.1	49.0	-0.1	-0.2%
6.2%	65.2	65.4	0.2	0.3%	6.2%	60.4	60.3	-0.1	-0.2%	6.2%	52.6	52.8	0.2	0.4%	6.2%	48.9	48.9	0.0	0.0%
7.4%	65.1	65.4	0.3	0.5%	7.4%	60.0	60.1	0.1	0.2%	7.4%	52.5	52.8	0.3	0.6%	7.4%	48.4	48.6	0.2	0.4%
8.6%	64.8	65.4	0.6	0.9%	8.6%	60.0	60.0	0.0	0.0%	8.6%	52.5	52.8	0.3	0.6%	8.6%	48.4	48.4	0.0	0.0%
9.9%	64.8	64.8	0.0	0.0%	9.9%	59.9	60.0	0.1	0.2%	9.9%	52.5	52.6	0.1	0.2%	9.9%	48.4	48.4	0.0	0.0%
11.1%	64.6	64.7	0.1	0.2%	11.1%	59.8	59.9	0.1	0.2%	11.1%	52.4	52.5	0.1	0.2%	11.1%	48.2	48.3	0.1	0.2%
12.3%	64.5	64.6	0.1	0.2%	12.3%	59.8	59.8	0.0	0.0%	12.3%	52.3	52.4	0.1	0.2%	12.3%	48.2	48.2	0.0	0.0%
13.6%	64.4	64.1	-0.3	-0.5%	13.6%	59.7	59.7	0.0	0.0%	13.6%	52.1	52.1	0.0	0.0%	13.6%	48.2	48.2	0.0	0.0%
14.8%	64.2	64.0	-0.2	-0.3%	14.8%	59.6	59.6	0.0	0.0%	14.8%	52.0	51.8	-0.2	-0.4%	14.8%	48.1	48.2	0.1	0.2%
16.0%	62.9	63.9	1.0	1.6%	16.0%	59.6	59.2	-0.4	-0.7%	16.0%	51.9	51.8	-0.1	-0.2%	16.0%	48.0	48.2	0.2	0.4%
17.3%	62.7	62.4	-0.3	-0.5%	17.3%	59.3	59.0	-0.3	-0.5%	17.3%	51.8	51.8	0.0	0.0%	17.3%	48.0	48.1	0.1	0.2%
18.5%	62.6	62.4	-0.2	-0.3%	18.5%	59.3	59.0	-0.3	-0.5%	18.5%	51.7	51.7	0.0	0.0%	18.5%	48.0	48.1	0.1	0.2%
19.8%	62.3	62.3	0.0	0.0%	19.8%	59.1	58.9	-0.2	-0.3%	19.8%	51.6	51.6	0.0	0.0%	19.8%	48.0	48.0	0.0	0.0%
21.0%	62.2	61.9	-0.3	-0.5%	21.0%	59.0	58.8	-0.2	-0.3%	21.0%	51.4	51.5	0.1	0.2%	21.0%	48.0	48.0	0.0	0.0%
22.2%	62.1	61.5	-0.6	-1.0%	22.2%	58.7	58.8	0.1	0.2%	22.2%	51.3	51.4	0.1	0.2%	22.2%	48.0	48.0	0.0	0.0%
23.5%	61.8	61.1	-0.7	-1.1%	23.5%	58.6	58.6	0.0	0.0%	23.5%	51.2	51.2	0.0	0.0%	23.5%	47.9	48.0	0.1	0.2%
24.7%	61.4	60.8	-0.6	-1.0%	24.7%	58.4	58.6	0.2	0.3%	24.7%	51.2	51.1	-0.1	-0.2%	24.7%	47.8	48.0	0.2	0.4%
25.9%	61.4	60.8	-0.6	-1.0%	25.9%	58.4	58.5	0.2	0.2%	25.9%	51.1	51.0	-0.1	-0.2%	25.9%	47.8	47.9	0.1	0.4%
27.2%	61.1	60.8	-0.3	-0.5%	27.2%	58.4	58.5	0.1	0.2%	27.2%	50.8	51.0	0.1	0.4%	27.2%	47.7	47.8	0.1	0.2%
28.4%	60.9	60.5	-0.3	-0.5%	28.4%	58.4	58.5 58.4	0.1	0.2%	27.2%	50.8	50.8	0.2	0.4%	27.2%	47.7 47.7	47.8 47.7	0.1	0.2%
28.4%	60.9	60.5		-0.7%	28.4%	58.3 58.3	58.4 58.4	0.1		28.4%		50.8		0.0%	28.4%	47.7	47.7 47.7	0.0	
			-0.6						0.2%		50.7		0.0						0.2%
30.9%	60.6	59.8	-0.8	-1.3%	30.9%	58.3	58.4	0.1	0.2%	30.9%	50.6	50.7	0.1	0.2%	30.9%	47.6	47.6	0.0	0.0%
32.1%	60.5	59.7	-0.8	-1.3%	32.1%	58.3	58.4	0.1	0.2%	32.1%	50.5	50.6	0.1	0.2%	32.1%	47.3	47.3	0.0	0.0%
33.3%	60.4	59.7	-0.7	-1.2%	33.3%	58.3	58.3	0.0	0.0%	33.3%	50.5	50.6	0.1	0.2%	33.3%	47.3	47.2	-0.1	-0.2%
34.6%	60.3	59.5	-0.8	-1.3%	34.6%	58.2	58.3	0.1	0.2%	34.6%	50.5	50.6	0.1	0.2%	34.6%	47.1	47.1	0.0	0.0%
35.8%	60.2	59.3	-0.9	-1.5%	35.8%	58.2	58.2	0.0	0.0%	35.8%	50.5	50.6	0.1	0.2%	35.8%	47.1	47.1	0.0	0.0%
37.0%	59.8	59.0	-0.8	-1.3%	37.0%	58.1	58.1	0.0	0.0%	37.0%	50.4	50.6	0.2	0.4%	37.0%	47.1	47.1	0.0	0.0%
38.3%	59.5	59.0	-0.5	-0.8%	38.3%	58.0	58.1	0.1	0.2%	38.3%	50.4	50.6	0.2	0.4%	38.3%	47.0	47.1	0.1	0.2%
39.5%	59.3	58.9	-0.4	-0.7%	39.5%	58.0	58.0	0.0	0.0%	39.5%	50.4	50.4	0.0	0.0%	39.5%	47.0	47.0	0.0	0.0%
40.7%	59.1	58.7	-0.4	-0.7%	40.7%	57.9	58.0	0.1	0.2%	40.7%	50.4	50.4	0.0	0.0%	40.7%	47.0	47.0	0.0	0.0%
42.0%	58.9	58.7	-0.2	-0.3%	42.0%	57.7	57.9	0.2	0.3%	42.0%	50.3	50.4	0.1	0.2%	42.0%	46.8	46.9	0.1	0.2%
43.2%	58.9	58.6	-0.3	-0.5%	43.2%	57.7	57.7	0.0	0.0%	43.2%	50.3	50.4	0.1	0.2%	43.2%	46.8	46.8	0.0	0.0%
44.4%	58.8	58.6	-0.2	-0.3%	44.4%	57.6	57.7	0.1	0.2%	44.4%	50.2	50.4	0.2	0.4%	44.4%	46.7	46.7	0.0	0.0%
45.7%	58.6	58.6	0.0	0.0%	45.7%	57.5	57.5	0.0	0.0%	45.7%	50.1	50.3	0.2	0.4%	45.7%	46.7	46.7	0.0	0.0%
46.9%	58.6	58.5	-0.1	-0.2%	46.9%	57.4	57.5	0.1	0.2%	46.9%	50.1	50.2	0.1	0.2%	46.9%	46.7	46.6	-0.1	-0.2%
48.1%	58.6	58.4	-0.2	-0.3%	48.1%	57.2	57.2	0.0	0.0%	48.1%	50.0	50.2	0.2	0.4%	48.1%	46.6	46.6	0.0	0.0%
49.4%	58.4	58.4	0.0	0.0%	49.4%	57.2	57.1	-0.1	-0.2%	49.4%	50.0	50.2	0.2	0.4%	49.4%	46.6	46.6	0.0	0.0%
50.6%	58.4	58.3	-0.1	-0.2%	50.6%	57.1	57.1	0.0	0.0%	50.6%	49.8	50.1	0.3	0.6%	50.6%	46.6	46.5	-0.1	-0.2%
51.9%	58.4	58.3	-0.1	-0.2%	51.9%	57.0	57.0	0.0	0.0%	51.9%	49.8	50.0	0.2	0.4%	51.9%	46.5	46.5	0.0	0.0%
53.1%	58.4	58.3	-0.1	-0.2%	53.1%	56.9	56.9	0.0	0.0%	53.1%	49.8	50.0	0.2	0.4%	53.1%	46.5	46.4	-0.1	-0.2%
54.3%	58.3	58.3	0.0	0.0%	54.3%	56.8	56.9	0.1	0.2%	54.3%	49.7	49.9	0.2	0.4%	54.3%	46.4	46.3	-0.1	-0.2%
55.6%	58.3	58.2	-0.1	-0.2%	55.6%	56.7	56.8	0.1	0.2%	55.6%	49.6	49.7	0.1	0.2%	55.6%	46.4	46.2	-0.2	-0.4%
56.8%	58.2	58.2	0.0	0.0%	56.8%	56.6	56.8	0.2	0.4%	56.8%	49.6	49.6	0.0	0.0%	56.8%	46.3	46.2	-0.2	-0.2%
58.0%	58.2	58.2	0.0	0.0%	58.0%	56.5	56.8	0.3	0.5%	58.0%	49.6	49.5	-0.1	-0.2%	58.0%	46.2	46.2	0.0	0.0%
59.3%	58.2	58.2	0.0	0.0%	59.3%	56.5	56.8	0.3	0.5%	59.3%	49.6	49.5	-0.1	-0.2%	59.3%	46.2	46.2	0.0	0.0%
60.5%	58.1	58.0	-0.1	-0.2%	60.5%	56.5	56.7	0.2	0.4%	60.5%	49.5	49.5	0.0	0.0%	60.5%	46.2	46.1	-0.1	-0.2%
61.7%	58.0	58.0	0.0	0.0%	61.7%	56.4	56.6	0.2	0.4%	61.7%	49.5	49.5	0.0	0.0%	61.7%	46.1	46.0	-0.1	-0.2%
63.0%	57.9	57.9	0.0	0.0%	63.0%	56.4	56.5	0.1	0.4%	63.0%	49.4	49.3	-0.1	-0.2%	63.0%	45.8	45.8	0.0	0.0%
64.2%	57.9 57.8	57.9	0.0		64.2%		56.5	0.1	0.2%	64.2%	49.4	49.3	0.0		64.2%	45.6 45.8	45.6 45.8		0.0%
				0.2%		56.3	56.5 56.4							0.0%				0.0	
65.4%	57.8	57.9	0.1	0.2%	65.4%	56.3		0.1	0.2%	65.4%	49.3	49.3	0.0	0.0%	65.4%	45.8	45.8	0.0	0.0%
66.7%	57.7 57.7	57.8	0.1	0.2%	66.7%	56.3	56.3 56.3	0.0	0.0%	66.7%	49.2	49.2	0.0	0.0%	66.7%	45.8	45.8 45.8	0.0	0.0%
67.9%		57.8 57.7	0.1	0.2%	67.9%	56.3		0.0	0.0%	67.9%	49.2	49.2	0.0	0.0%	67.9%	45.8 45.7		0.0	0.0%
69.1% 70.4%	57.6 57.6	57.7 57.7	0.1 0.1	0.2% 0.2%	69.1% 70.4%	56.3 56.3	56.3 56.2	0.0 -0.1	0.0% -0.2%	69.1% 70.4%	49.1 49.1	49.2 49.1	0.1	0.2%	69.1% 70.4%	45.7 45.7	45.8 45.7	0.1	0.2%
71.6%	57.5	57.7	0.2	0.3%	71.6%	56.2	56.2	0.0	0.0%	71.6%	49.1	49.1	0.0	0.0%	71.6%	45.6	45.6	0.0	0.0%
72.8%	57.5	57.6	0.1	0.2%	72.8%	56.2	56.2	0.0	0.0%	72.8%	48.9	49.0	0.1	0.2%	72.8%	45.4	45.4	0.0	0.0%
74.1%	57.5	57.6	0.1	0.2%	74.1%	56.2	56.1	-0.1	-0.2%	74.1%	48.8	48.9	0.1	0.2%	74.1%	45.3	45.4	0.1	0.2%
75.3%	57.5	57.5	0.0	0.0%	75.3%	56.0	56.0	0.0	0.0%	75.3%	48.6	48.9	0.3	0.6%	75.3%	45.3	45.3	0.0	0.0%
76.5%	57.5	57.5	0.0	0.0%	76.5%	55.9	55.9	0.0	0.0%	76.5%	48.6	48.9	0.3	0.6%	76.5%	45.3	45.3	0.0	0.0%
77.8%	57.4	57.5	0.1	0.2%	77.8%	55.8	55.9	0.1	0.2%	77.8%	48.6	48.7	0.1	0.2%	77.8%	45.2	45.2	0.0	0.0%
79.0%	57.4	57.3	-0.1	-0.2%	79.0%	55.8	55.8	0.0	0.0%	79.0%	48.5	48.7	0.2	0.4%	79.0%	45.0	45.2	0.2	0.4%
80.2%	57.4	57.1	-0.3	-0.5%	80.2%	55.7	55.6	-0.1	-0.2%	80.2%	48.4	48.7	0.3	0.6%	80.2%	45.0	45.2	0.2	0.4%
81.5%	57.3	57.1	-0.2	-0.3%	81.5%	55.7	55.6	-0.1	-0.2%	81.5%	48.3	48.6	0.3	0.6%	81.5%	44.9	45.0	0.1	0.2%
82.7%	57.2	57.1	-0.1	-0.2%	82.7%	55.6	55.6	0.0	0.0%	82.7%	48.0	48.3	0.3	0.6%	82.7%	44.9	44.9	0.0	0.0%
84.0%	57.2	57.1	-0.1	-0.2%	84.0%	55.4	55.5	0.1	0.2%	84.0%	48.0	48.2	0.2	0.4%	84.0%	44.9	44.9	0.0	0.0%
85.2%	57.2	57.0	-0.2	-0.3%	85.2%	55.4	55.4	0.0	0.0%	85.2%	47.9	48.1	0.2	0.4%	85.2%	44.8	44.9	0.1	0.2%
86.4%	57.2	57.0	-0.2	-0.3%	86.4%	55.2	55.2	0.0	0.0%	86.4%	47.5	47.9	0.4	0.8%	86.4%	44.8	44.9	0.1	0.2%
87.7%	57.1	57.0	-0.1	-0.2%	87.7%	55.2	55.0	-0.2	-0.4%	87.7%	47.5	47.9	0.4	0.8%	87.7%	44.7	44.8	0.1	0.2%
88.9%	57.1	57.0	-0.1	-0.2%	88.9%	55.1	54.8	-0.3	-0.5%	88.9%	47.4	47.6	0.2	0.4%	88.9%	44.7	44.8	0.1	0.2%
90.1%	56.9	56.9	0.0	0.0%	90.1%	54.7	54.8	0.1	0.2%	90.1%	47.2	47.4	0.2	0.4%	90.1%	44.3	44.4	0.1	0.2%
91.4%	56.8	56.9	0.1	0.2%	91.4%	54.7	54.6	-0.1	-0.2%	91.4%	47.1	47.2	0.1	0.2%	91.4%	44.2	44.3	0.1	0.2%
92.6%	56.8	56.9	0.1	0.2%	92.6%	54.6	54.5	-0.1	-0.2%	92.6%	46.8	47.1	0.3	0.6%	92.6%	44.2	44.2	0.0	0.0%
93.8%	56.8	56.8	0.0	0.0%	93.8%	54.6	54.5	-0.1	-0.2%	93.8%	46.5	46.9	0.4	0.9%	93.8%	44.0	44.2	0.0	0.5%
95.1%	56.7	56.8	0.0	0.0%	95.1%	54.0	54.5	0.5	0.9%	95.1%	46.5	46.7	0.4	0.4%	95.1%	43.8	43.9	0.2	0.5%
	56.7 56.6	56.8 56.5				54.0	54.5 53.7	0.5			46.5 46.5	46.7 46.7		0.4%				0.1	
96.3%			-0.1	-0.2%	96.3%				0.8%	96.3%			0.2		96.3%	43.6	43.6		0.0%
97.5%	56.5	56.4	-0.1	-0.2%	97.5%	53.3	53.0	-0.3	-0.6%	97.5%	46.4	46.4	0.0	0.0%	97.5%	43.1	43.1	0.0	0.0%
98.8%	56.4	56.3	-0.1	-0.2%	98.8%	53.1	53.0	-0.1	-0.2%	98.8%	46.2	46.3	0.1	0.2%	98.8%	42.6	42.6	0.0	0.0%
100.0%	56.4	56.3	-0.1	-0.2%	100.0%	53.1	53.0	-0.1	-0.2%	100.0%	46.2	46.3	0.1	0.2%	100.0%	42.6	42.6	0.0	0.0%

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

April

March

February

Percent		reditiary			Percent		warcn			Percent		Aprii			Percent		May		
Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	53.3	53.3	0.0	0.0%	0.0%	57.7	58.6	0.9	1.6%	0.0%	63.2	63.2	0.0	0.0%	0.0%	72.1	71.9	-0.2	-0.3%
1.2%	52.5	52.7	0.2	0.4%	1.2%	57.7	57.7	0.0	0.0%	1.2%	62.9	63.0	0.1	0.2%	1.2%	69.2	69.6	0.4	0.6%
2.5%	52.3	52.3	0.0	0.0%	2.5%	57.6	57.7	0.1	0.2%	2.5%	62.9	63.0	0.1	0.2%	2.5%	69.1	69.1	0.0	0.0%
3.7%	51.9	52.3	0.4	0.8%	3.7%	57.1	57.0	-0.1	-0.2%	3.7%	62.7	62.9	0.2	0.3%	3.7%	69.0	68.8	-0.2	-0.3%
4.9%	51.6	52.2	0.6	1.2%	4.9%	56.9	56.9	0.0	0.0%	4.9%	61.9	62.6	0.7	1.1%	4.9%	67.2	67.0	-0.2	-0.3%
6.2%	51.6	51.6	0.0	0.0%	6.2%	56.4	56.4	0.0	0.0%	6.2%	61.5	61.1	-0.4	-0.7%	6.2%	67.0	66.9	-0.1	-0.1%
7.4%	51.6	51.5	-0.1	-0.2%	7.4%	56.1	56.4	0.3	0.5%	7.4%	61.1	60.9	-0.2	-0.3%	7.4%	66.4	66.3	-0.1	-0.2%
8.6%	51.3	51.2	-0.1	-0.2%	8.6%	56.0	56.1	0.1	0.2%	8.6%	60.6	60.9	0.3	0.5%	8.6%	65.7	65.4	-0.3	-0.5%
9.9%	51.3	51.2	-0.1	-0.2%	9.9%	55.9	56.0	0.1	0.2%	9.9%	60.6	60.5	-0.1	-0.2%	9.9%	65.4	65.0	-0.4	-0.6%
11.1%	51.2	50.9	-0.3	-0.6%	11.1% 12.3%	55.8	56.0	0.2	0.4%	11.1%	60.5	60.5	0.0	0.0%	11.1%	65.4	64.8 64.8	-0.6 -0.1	-0.9%
12.3%	51.2	50.6	-0.6	-1.2%		55.5	55.4	-0.1	-0.2%	12.3%	60.3	60.3	0.0	0.0%	12.3%	64.9			-0.2%
13.6%	50.8 50.5	50.6 50.5	-0.2	-0.4%	13.6% 14.8%	55.3	55.3	0.0	0.0%	13.6% 14.8%	60.3	60.2	-0.1	-0.2%	13.6% 14.8%	64.9 64.7	64.8 64.7	-0.1 0.0	-0.2%
14.8%			0.0	0.0%		55.3	55.0	-0.3	-0.5%		60.3	60.2	-0.1	-0.2%		64.4			0.0%
16.0% 17.3%	50.3 49.9	50.4 50.3	0.1 0.4	0.2% 0.8%	16.0% 17.3%	54.9 54.9	55.0 54.8	0.1 -0.1	0.2% -0.2%	16.0% 17.3%	60.3 60.2	60.1 59.8	-0.2 -0.4	-0.3% -0.7%	16.0% 17.3%	64.4	64.6 64.3	0.2 0.1	0.3% 0.2%
18.5%	49.8	50.3		0.4%	18.5%	54.9 54.6	54.6	0.1		18.5%		59.8		-0.5%	18.5%	64.0	63.9	-0.1	
19.8%	49.6	49.9	0.2	0.4%	19.8%	54.6	54.6	0.0	0.2%	19.8%	60.1 59.9	59.7	-0.3 -0.2	-0.3%	19.8%	63.9	63.9	0.0	-0.2% 0.0%
21.0%	49.6	49.7	0.2	0.4%	21.0%	54.3	54.5	0.0	0.4%	21.0%	59.7	59.7	0.0	0.0%	21.0%	63.9	63.9	0.0	0.0%
22.2%	49.6	49.7	0.1	0.2%	22.2%	54.3	54.5	0.2	0.4%	22.2%	59.6	59.6	0.0	0.0%	22.2%	63.7	63.8	0.1	0.2%
23.5%	49.5	49.6	0.1	0.2%	23.5%	54.3	54.4	0.2	0.4%	23.5%	59.4	59.6	0.0	0.3%	23.5%	63.7	63.7	0.0	0.0%
24.7%	49.4	49.5	0.1	0.2%	24.7%	54.3	54.3	0.0	0.0%	24.7%	59.2	59.6	0.4	0.7%	24.7%	63.7	63.5	-0.2	-0.3%
25.9%	49.4	49.4	0.1	0.4%	25.9%	54.3	54.3	0.0	0.0%	25.9%	59.2	59.0	0.4	0.7%	25.9%	63.6	63.4	-0.2	-0.3%
27.2%	49.2	49.2	0.2	0.0%	27.2%	54.1	54.2	0.1	0.2%	27.2%	59.0	59.1	0.0	0.0%	27.2%	63.5	63.1	-0.2	-0.6%
28.4%	49.2	49.2	0.0	0.0%	28.4%	54.0	54.2	0.1	0.4%	28.4%	58.9	58.9	0.0	0.2%	28.4%	63.4	63.1	-0.4	-0.5%
29.6%	49.2	49.2	0.0	0.0%	29.6%	54.0	54.2	0.2	0.4%	29.6%	58.7	58.8	0.0	0.2%	29.6%	63.2	63.1	-0.3	-0.2%
30.9%	49.1	48.9	-0.2	-0.4%	30.9%	53.8	54.1	0.1	0.6%	30.9%	58.5	58.7	0.1	0.3%	30.9%	63.2	63.0	-0.1	-0.3%
32.1%	49.1	48.9	-0.2	-0.4%	32.1%	53.7	54.0	0.3	0.6%	32.1%	58.5	58.5	0.0	0.0%	32.1%	63.1	62.9	-0.2	-0.3%
33.3%	48.9	48.9	0.0	0.0%	33.3%	53.7	53.8	0.1	0.2%	33.3%	58.1	58.1	0.0	0.0%	33.3%	63.0	62.8	-0.2	-0.3%
34.6%	48.9	48.8	-0.1	-0.2%	34.6%	53.6	53.8	0.2	0.4%	34.6%	58.0	58.0	0.0	0.0%	34.6%	62.9	62.6	-0.2	-0.5%
35.8%	48.8	48.8	0.0	0.0%	35.8%	53.5	53.7	0.2	0.4%	35.8%	58.0	58.0	0.0	0.0%	35.8%	62.6	62.6	0.0	0.0%
37.0%	48.8	48.8	0.0	0.0%	37.0%	53.5	53.7	0.2	0.4%	37.0%	58.0	58.0	0.0	0.0%	37.0%	62.6	62.6	0.0	0.0%
38.3%	48.7	48.7	0.0	0.0%	38.3%	53.4	53.6	0.2	0.4%	38.3%	57.9	57.9	0.0	0.0%	38.3%	62.5	61.7	-0.8	-1.3%
39.5%	48.6	48.7	0.1	0.2%	39.5%	53.3	53.5	0.2	0.4%	39.5%	57.9	57.7	-0.2	-0.3%	39.5%	61.8	61.7	-0.1	-0.2%
40.7%	48.5	48.5	0.0	0.0%	40.7%	53.3	53.4	0.1	0.2%	40.7%	57.7	57.7	0.0	0.0%	40.7%	61.7	61.7	0.0	0.0%
42.0%	48.5	48.5	0.0	0.0%	42.0%	53.2	53.2	0.0	0.0%	42.0%	57.7	57.6	-0.1	-0.2%	42.0%	61.7	61.6	-0.1	-0.2%
43.2%	48.5	48.4	-0.1	-0.2%	43.2%	53.0	53.2	0.2	0.4%	43.2%	57.6	57.5	-0.1	-0.2%	43.2%	61.7	61.5	-0.2	-0.3%
44.4%	48.4	48.3	-0.1	-0.2%	44.4%	52.9	53.2	0.3	0.6%	44.4%	57.6	57.5	-0.1	-0.2%	44.4%	61.6	61.5	-0.1	-0.2%
45.7%	48.3	48.3	0.0	0.0%	45.7%	52.8	53.0	0.2	0.4%	45.7%	57.5	57.5	0.0	0.0%	45.7%	61.5	61.5	0.0	0.0%
46.9%	48.2	48.3	0.1	0.2%	46.9%	52.8	52.9	0.1	0.2%	46.9%	57.5	57.4	-0.1	-0.2%	46.9%	61.4	61.4	0.0	0.0%
48.1%	48.2	48.2	0.0	0.0%	48.1%	52.8	52.9	0.1	0.2%	48.1%	57.5	57.3	-0.2	-0.3%	48.1%	61.2	61.3	0.1	0.2%
49.4%	48.1	48.1	0.0	0.0%	49.4%	52.8	52.8	0.0	0.0%	49.4%	57.3	57.3	0.0	0.0%	49.4%	61.2	61.2	0.0	0.0%
50.6%	48.1	48.1	0.0	0.0%	50.6%	52.7	52.7	0.0	0.0%	50.6%	57.1	57.1	0.0	0.0%	50.6%	61.2	61.2	0.0	0.0%
51.9%	48.1	48.1	0.0	0.0%	51.9%	52.7	52.6	-0.1	-0.2%	51.9%	57.0	57.0	0.0	0.0%	51.9%	60.8	60.8	0.0	0.0%
53.1%	48.1	48.0	-0.1	-0.2%	53.1%	52.5	52.5	0.0	0.0%	53.1%	56.8	56.8	0.0	0.0%	53.1%	60.7	60.6	-0.1	-0.2%
54.3%	48.0	47.9	-0.1	-0.2%	54.3%	52.5	52.5	0.0	0.0%	54.3%	56.8	56.8	0.0	0.0%	54.3%	60.6	60.6	0.0	0.0%
55.6%	47.9	47.9	0.0	0.0%	55.6%	52.3	52.3	0.0	0.0%	55.6%	56.8	56.8	0.0	0.0%	55.6%	60.6	60.5	-0.1	-0.2%
56.8%	47.8	47.8	0.0	0.0%	56.8%	52.1	52.3	0.2	0.4%	56.8%	56.7	56.7	0.0	0.0%	56.8%	60.5	60.4	-0.1	-0.2%
58.0%	47.8	47.7	-0.1	-0.2%	58.0%	52.0	52.3	0.3	0.6%	58.0%	56.6	56.6	0.0	0.0%	58.0%	60.4	60.4	0.0	0.0%
59.3%	47.7	47.7	0.0	0.0%	59.3%	52.0	52.1	0.1	0.2%	59.3%	56.5	56.6	0.1	0.2%	59.3%	60.4	60.3	-0.1	-0.2%
60.5%	47.7	47.6	-0.1	-0.2%	60.5%	52.0	52.0	0.0	0.0%	60.5%	56.5	56.5	0.0	0.0%	60.5%	60.3	60.3	0.0	0.0%
61.7%	47.6	47.6	0.0	0.0%	61.7%	52.0	52.0	0.0	0.0%	61.7%	56.3	56.2	-0.1	-0.2%	61.7%	60.3	60.2	-0.1	-0.2%
63.0%	47.6	47.6	0.0	0.0%	63.0%	51.9	52.0	0.1	0.2%	63.0%	56.3	56.2	-0.1	-0.2%	63.0%	60.1	60.1	0.0	0.0%
64.2%	47.6	47.6	0.0	0.0%	64.2%	51.9	51.9	0.0	0.0%	64.2%	56.1	56.2	0.1	0.2%	64.2%	60.0	60.0	0.0	0.0%
65.4%	47.5	47.5	0.0	0.0%	65.4%	51.8	51.9	0.1	0.2%	65.4%	56.1	56.1	0.0	0.0%	65.4%	60.0	60.0	0.0	0.0%
66.7%	47.5	47.5	0.0	0.0%	66.7%	51.8	51.8	0.0	0.0%	66.7%	56.0	55.8	-0.2	-0.4%	66.7%	59.9	59.9	0.0	0.0%
67.9%	47.5	47.4	-0.1	-0.2%	67.9%	51.7	51.8	0.1	0.2%	67.9%	55.8	55.7	-0.1	-0.2%	67.9%	59.9	59.9	0.0	0.0%
69.1%	47.4	47.4	0.0	0.0%	69.1%	51.6	51.8	0.2	0.4%	69.1%	55.7	55.7	0.0	0.0%	69.1%	59.9 59.7	59.9	0.0	0.0%
70.4%	47.4	47.4	0.0	0.0%	70.4%	51.5	51.6	0.1	0.2%	70.4%	55.6	55.6	0.0	0.0%	70.4%		59.7	0.0	0.0%
71.6%	47.4	47.3	-0.1	-0.2%	71.6%	51.5	51.5	0.0	0.0%	71.6%	55.6	55.6 EE E	0.0	0.0%	71.6%	59.6	59.5	-0.1	-0.2%
72.8%	47.3	47.3	0.0	0.0%	72.8%	51.4	51.5	0.1	0.2%	72.8%	55.5	55.5	0.0	0.0%	72.8%	59.5	59.5	0.0	0.0%
74.1%	47.3	47.3	0.0	0.0%	74.1%	51.4	51.4	0.0	0.0%	74.1%	55.3	55.3	0.0	0.0%	74.1%	59.4	59.4	0.0	0.0%
75.3% 76.5%	47.2 47.2	47.2 47.1	0.0 -0.1	0.0%	75.3% 76.5%	51.4 51.4	51.4 51.4	0.0	0.0%	75.3% 76.5%	55.3 55.2	55.2 55.2	-0.1 0.0	-0.2%	75.3% 76.5%	59.3 59.3	59.3 59.3	0.0	0.0%
	47.2 47.1	47.1 47.1														59.3 59.3			
77.8% 79.0%	47.1 47.1	47.1 47.1	0.0	0.0%	77.8% 79.0%	51.3 51.3	51.3 51.3	0.0	0.0%	77.8% 79.0%	55.1 55.0	55.1 55.0	0.0	0.0%	77.8% 79.0%	59.3 59.3	59.3 59.3	0.0	0.0%
79.0% 80.2%	47.1 47.1	47.1 47.1	0.0	0.0%	79.0% 80.2%	51.3 51.2	51.3 51.2	0.0	0.0%	79.0% 80.2%	55.0	55.0 54.9	0.0	0.0%	79.0% 80.2%	59.3 59.1	59.3 59.2	0.0	0.0%
80.2%	47.1 47.1	47.1 47.0	-0.1	-0.2%	80.2% 81.5%	51.2 51.2	51.2 51.2	0.0	0.0%	80.2%	54.9 54.9	54.9 54.9	0.0	0.0%	80.2%	59.1 59.1	59.2	0.1	0.2%
82.7%	47.1	46.9	-0.1	-0.4%	82.7%	51.1	51.1	0.0	0.0%	82.7%	54.8	54.9	0.0	0.2%	82.7%	59.0	59.1	0.0	0.0%
84.0%	47.1	46.8	-0.2	-0.4%	84.0%	51.1	51.1	0.0	0.0%	84.0%	54.7	54.8	0.1	0.2%	84.0%	58.9	58.9	0.0	0.0%
85.2%	46.9	46.8	-0.1	-0.4%	85.2%	51.1	51.1	0.0	0.0%	85.2%	54.7	54.7	0.0	0.0%	85.2%	58.9	58.9	0.0	0.0%
86.4%	46.7	46.7	0.0	0.0%	86.4%	51.0	51.0	0.0	0.0%	86.4%	54.6	54.7	0.0	0.2%	86.4%	58.7	58.7	0.0	0.0%
87.7%	46.4	46.3	-0.1	-0.2%	87.7%	50.9	50.9	0.0	0.0%	87.7%	54.6	54.6	0.0	0.0%	87.7%	58.7	58.7	0.0	0.0%
88.9%	46.3	46.2	-0.1	-0.2%	88.9%	50.7	50.7	0.0	0.0%	88.9%	54.6	54.6	0.0	0.0%	88.9%	58.7	58.7	0.0	0.0%
90.1%	46.2	46.2	0.0	0.0%	90.1%	50.7	50.7	0.0	0.0%	90.1%	54.4	54.6	0.0	0.4%	90.1%	58.5	58.5	0.0	0.0%
91.4%	46.1	45.8	-0.3	-0.7%	91.4%	50.5	50.5	0.0	0.0%	91.4%	54.2	54.4	0.2	0.4%	91.4%	58.3	58.3	0.0	0.0%
92.6%	45.8	45.7	-0.1	-0.2%	92.6%	50.4	50.4	0.0	0.0%	92.6%	53.9	54.2	0.2	0.6%	92.6%	58.2	58.2	0.0	0.0%
93.8%	45.8	45.6	-0.1	-0.4%	93.8%	50.3	50.3	0.0	0.0%	93.8%	53.9	53.9	0.0	0.0%	93.8%	58.0	58.0	0.0	0.0%
95.1%	45.5	45.6	0.1	0.2%	95.1%	50.3	50.2	0.0	0.0%	95.1%	53.7	53.9	0.0	0.4%	95.1%	57.9	57.9	0.0	0.0%
96.3%	45.4	45.5	0.1	0.2%	96.3%	50.2	50.2	0.0	0.0%	96.3%	53.6	53.6	0.0	0.4%	96.3%	57.8	57.8	0.0	0.0%
97.5%	45.2	44.9	-0.3	-0.7%	97.5%	50.0	50.0	0.0	0.0%	97.5%	53.5	53.5	0.0	0.0%	97.5%	57.7	57.7	0.0	0.0%
98.8%	44.2	44.2	0.0	0.0%	98.8%	49.9	49.9	0.0	0.0%	98.8%	51.9	51.9	0.0	0.0%	98.8%	57.5	57.5	0.0	0.0%
100.0%	44.2	44.2	0.0	0.0%	100.0%	49.9	49.9	0.0	0.0%	100.0%	51.9	51.9	0.0	0.0%	100.0%	57.5	57.5	0.0	0.0%
100.070		7.1.2	0.0	0.070	100.070	10.0	10.0	0.0	0.070	100.070	01.0	01.0	0.0	0.070	100.070	07.0	01.0	0.0	0.070

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

August

September

Percent Percent Percent Percent No Action Alternative Alternative A Absolute Relative Relative Relative Relative Exceedance Exceedance Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG.E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) 0.0% 72.6 72.8 0.3% 0.0% 75.9 76.4 0.0% 75.7 74.7 -1.3% 71.6 -0.3-0.4% -3.5% 1.2% 72.4 71.0 -1.4 -1.9% 1.2% 74.7 72.1 -2.6 1.2% 73.6 71.9 -1.7 -2.3% 1.2% 69.9 69.9 0.0 0.0% 2.5% 72.1 70.9 -1.7% 2.5% 74.6 71.2 -3.4-4.6% 2.5% 71.3 -0.9 -1.2% 2.5% 69.8 69.6 -0.3% 3.7% 3.7% 72.0 70.8 -12 -1.7% 3.7% 73.1 71.0 -21 -2.9% 3.7% 71.7 70.8 -0.9 -1.3% 69.6 69.2 -0.4 -0.6% 4.9% 71.9 70.6 -1.8% 4.9% 71.9 70.6 -1.3 -1.8% 4.9% 71.6 70.7 -0.9 -1.3% 4.9% 69.5 67.9 -1.6 -2.3% 6.2% 6.2% 6.2% 6.2% 70.7 70.3 -0.4 -0.6% 71.2 70.4 -0.8 -1.1% 71.5 70.4 -1.1 -1.5% 69.1 67.9 -1.2 -1.7% 70.5 70.3 70.0 7.4% -0.4-0.6% 7.4% 0.3% 7.4% 71.3 -0.9 -1.3 -1.3% 7.4% 68.6 67.9 -0.7 -0.6 -1.0% 0.2 8.6% 8.6% 8.6% 8.6 · . 9.9% 11.1% 12.3% 8.6% 69.9 -0.4 -0.6% 69.5 69.8 0.4% 71.2 69.9 -1.8% 68.4 67.8 -0.9% -0.4% -1.6% 9.9% 0.0% 11.1% 12.3% 69.9 69.4 -0.5 -0.7% -0.4% 11.1% 69.1 69.1 0.0 0.0% 11.1% 70.7 69.8 -0.9 -1.3% 68.0 67.8 -0.2 -0.3% 13.6% 13.6% 13.6% 0.1% 0.0% 69.6 69 1 -0.5 -0.7% 68.9 69.0 0.1 70.2 69.6 -0.6 -0.9% 67.8 67.8 0.0 -0.4% 16.0% 16.0% 16.0% 16.0% 69.1 68.7 -0.4 -0.6% 68.8 68.7 -0.1 -0.1% 69.8 69.2 -0.6 -0.9% 67.6 67.5 -0.1 -0.1% 18.5% 18.5% -0.1% 18.5% 18.5% 0.1 0.1% 68.7 68.7 0.0 0.0% 68.7 68.6 -0.1 69.5 68.9 -0.6 -0.9% 67.3 67.4 19.8% 21.0% 68.4 68.3 0.3 0.4% 68.5 -0.2 0.3 19.8% 21.0% -0.6 -0.4 19.8% 21.0% 67.3 67.2 0.0 21.0% 68.3 0.0% 68.2 68.5 0.4% 69.3 68.9 -0.6% 67.2 0.0% 22.2% 23.5% 68.1 67.7 -0.1% -0.7% 22.2% 23.5% 22.2% 23.5% 68.9 -0.4 -0.4 -0.6% 22.2% 23.5% -0.1 -0.1 -0.5 0.1% 67.1 -0.1% 68.2 68.3 0.1 69.2 68.8 -0.6% 67.2 68.2 24.7% 25.9% -0.6% 24.7% 25.9% 24.7% 25.9% -0.7% -0.7% 24.7% 25.9% 68.1 -0.4 68.0 67.8 68.3 0.4% 68.7 -0.5 -0.5 67.2 67.1 -0.1 -0.2 67.9 67.7 -0.2 0.3 0.4% 68.7 67.2 -0.3% 68.1 69.2 67.0 27.2% 28.4% 27.2% 28.4% 27.2% 28.4% 67.7 67.6 -0.1% 27.2% 68.1 0.6% 69.1 68.7 -0.4 -0.6% 67.1 67.0 -0.1 -0.1 67.6 67.5 -0.1 -0.1% 28.4% 67.7 68.1 0.4 0.6% 69.1 -0.5 -0.7% 67.0 -0.1% 68.6 66.9 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 67.5 67.4 -0.1% -0.1% 68.6 68.6 -0.2 -0.2 -0.3% -0.3% 66.7 66.6 -0.3% -0.4% 67.3 66.9 0.6% 68.8 32.1% 67.4 67.3 -0.1% 32.1% 67.6 68.1 0.5 0.7% 32.1% 68.7 68.5 -0.2 -0.3% 32.1% 66.9 66.6 -0.3 -0.4% 33.3% 67.4 67.3 -0.1% 33.3% 67.5 68.1 0.9% 33.3% 68.6 -0.1 -0.1% 33.3% 66.7 66.6 -0.1 -0.1% 34.6% 67.2 0.0 0.0% 34.6% 67.5 68.0 0.5 0.7% 34.6% 68.6 68.5 -0.1 -0.1% 34.6% 66.7 66.4 -0.3 -0.4% 35.8% 67.1 0.1% 35.8% 0.7% 35.8% -0.2 -0.3% 35.8% 68.3 66.4 -0.2 -0.3% 37.0% 66.8 0.4 0.6% 37.0% 67.4 68.0 0.6 0.9% 37.0% 68.5 68.0 -0.5 -0.7%37.0% 66.5 66.3 -0.2-0.3%38.3% 66.7 0.3% 38.3% 67.9 38.3% -0.3 -0.4% 38.3% -0.2 -0.3% 39.5% 66.4 66.9 0.5 0.8% 39.5% 67.4 67.8 0.4 0.6% 39.5% 68.3 67.8 -0.5 -0.7% 39.5% 66.5 66.3 -0.2 -0.3% 40.7% 66.2 0.6 0.9% 40.7% 67.4 67.8 0.6% 40.7% 68.2 67.6 -0.6 -0.9% 40.7% 66.4 66.3 -0.1 -0.2% -0.2 42.0% 66.2 66.2 0.0 0.0% 42.0% 67.3 67.8 0.5 0.7% 42.0% 68.0 67.6 -0.4 -0.6% 42.0% 66.4 66.2 -0.3%43.2% 66.0 66.2 0.2 0.3% 43.2% 67.3 67.8 0.5 0.7% 43.2% 67.9 67.6 -0.3 -0.4% 43.2% 66.4 66.1 -0.3 -0.5% 44.4% 65.8 0.2 0.3% 44.4% 67.3 67.8 0.5 0.7% 44.4% 67.8 67.6 -0.2 -0.3% 44.4% 66.4 66.1 -0.3 -0.5% 45.7% 45.7% 45.7% 65.7 66.0 0.3 0.5% 67.2 67.7 0.5 0.7% 67.8 67.5 -0.3 -0.4% 45.7% 66.4 66.1 -0.3 -0.5% 46.9% 65.6 65.9 0.3 0.5% 46.9% 67.1 67.6 0.7% 46.9% 67.8 67.5 -0.3 -0.4% 46.9% 66.3 66.0 -0.3-0.5% 48.1% 49.4% 65.5 65.9 0.4 0.6% 48.1% 67.1 67.6 0.5 0.7% 48.1% 67.7 67.5 -0.2 -0.3% 48.1% 66.1 65.9 -0.2 -0.3% 0.3 0.5% 49.4% 67.0 67.6 0.9% 49.4% 67.5 67.5 0.0% 49.4% 65.8 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0.6% 67.0 0.0% 65.3 0.0% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 64.2 64.1 0.0% 66.8 65.3 64.1 66.7 0.0 0.0 0.0% 0.4 0.6% 66.9 0.0 0.0% 65.3 65.3 0.0% 66.3 66.9 71.6% 64.0 0.0 0.0% 71.6% 66.7 0.6% 71.6% 66.9 66.9 0.0% 71.6% 65.3 65.3 0.0 0.0% 72.8% 64.0 64.0 0.0 72.8% 66.3 66.6 0.3 0.5% 72.8% 66.8 66.9 0.1 0.1% 72.8% 65.3 -0.1 -0.2% 65.2 0.2% 74.1% 75.3% 74.1% 75.3% 74.1% 0.5% 74.1% 0.1% -0.1 -0.1 75.3% 0.6% 75.3% 65.3 65.2 -0.2% 66.8 76.5% 63.5 0.0 0.0% 76.5% 66.2 66.5 0.5% 76.5% 66.7 66.8 0.1 0.1% 76.5% 65.2 65.1 -0.1 -0.2% 77.8% 0.0% 77.8% 77.8% -0.1 -0.1% 77.8% -0.1 0.3% 65.2 65.1 -0.2% 79.0% 63.5 63.5 0.0 0.0% 79.0% 66.2 66.4 0.2 0.3% 79.0% 66.6 66.6 0.0 0.0% 79.0% 65.2 65.1 -0.1 -0.2% 80.2% 63.5 0.0% 80.2% 66.3 80.2% 0.0% 80.2% -0.1 0.2% 66.6 0.0 65.2 -0.2% 81.5% 63.2 63.2 0.0 0.0% 81.5% 66.2 66.3 0.2% 81.5% 66.5 66.5 0.0 0.0% 81.5% 65.1 65.1 0.0 0.0% 82.7% 63.2 0.0% 82.7% 66.2 0.2% 82.7% 66.5 0.0 0.0% 82.7% 65.1 0.0 0.0% 84.0% 63.0 63.0 0.0 0.0% 84.0% 66.1 66.2 0.2% 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62 1 62 1 0.0 0.0% 65.6 65.6 0.0 0.0% 66.0 65.8 -0.3% 64.4 647 0.0% -0.2% 0.0% 98.8% 100.0% 100.0% 100.0% 100.0% 62.0 62.0 0.0 0.0% 65.5 65.4 -0.2% 65.8 65.8 0.0 0.0% 64.1 64.5 0.4 0.6%

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

						thly Temp	erature (DE	G-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Mav	Jun	Jul	Aua	Sep
				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	60.4	56.6	49.1	46.3	48.8	53.7	58.4	63.1	67.4	69.0	69.6	67.2
Alternative A	60.3	56.7	49.2	46.3	48.8	53.7	58.4	63.0	67.4	69.2	69.3	67.1
Difference	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.3	-0.3	-0.1
Percent Difference ³	-0.2%	0.0%	0.2%	0.1%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.4%	-0.4%	-0.29
				Water Y	ear Types	2						
Vet (32%)												
No Action Alternative	59.5	57.5	50.0	46.5	48.2	52.6	56.4	60.8	65.0	68.5	68.7	66.0
Alternative A	59.4	57.6	50.1	46.5	48.2	52.6	56.4	60.8	65.0	68.6	68.5	66.0
Difference	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.2	0.0
Percent Difference	-0.1%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.3%	0.19
Above Normal (15%)												
No Action Alternative	59.1	56.1	49.0	46.5	48.5	53.2	58.0	62.5	67.1	67.9	69.0	66.4
Alternative A	59.0	56.1	49.2	46.6	48.4	53.2	58.0	62.5	67.3	68.3	68.7	66.5
Difference	-0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.4	-0.3	0.1
Percent Difference	-0.3%	-0.1%	0.2%	0.1%	-0.1%	0.1%	0.0%	0.0%	0.2%	0.5%	-0.4%	0.1%
Below Normal (17%)												
No Action Alternative	59.0	56.4	49.3	45.7	47.8	53.5	58.5	62.5	67.3	67.6	69.7	67.5
Alternative A	59.0	56.5	49.4	45.8	47.8	53.7	58.4	62.4	67.3	68.7	69.2	67.1
Difference	0.0	0.1	0.1	0.1	0.0	0.1	-0.1	-0.1	0.0	1.1	-0.5	-0.4
Percent Difference	0.0%	0.1%	0.2%	0.1%	0.0%	0.3%	-0.1%	-0.2%	0.0%	1.6%	-0.7%	-0.69
Ory (22%)												
No Action Alternative	61.0	56.4	48.9	46.0	49.3	54.2	59.7	65.2	69.4	69.0	69.6	67.8
Alternative A	60.7	56.4	49.1	45.9	49.2	54.2	59.8	65.1	69.2	69.3	69.8	67.7
Difference	-0.3	0.0	0.2	0.0	-0.1	0.0	0.1	-0.2	-0.2	0.3	0.2	-0.1
Percent Difference	-0.5%	0.1%	0.5%	0.0%	-0.2%	0.0%	0.2%	-0.3%	-0.2%	0.5%	0.3%	-0.29
Critical (15%)		•				•					•	
No Action Alternative	64.4	55.7	47.4	46.4	50.9	55.6	61.0	65.8	69.9	72.7	71.8	69.1
Alternative A	64.6	55.7	47.5	46.5	51.0	55.8	60.9	65.8	69.9	71.9	71.1	68.7
Difference	0.2	0.0	0.1	0.1	0.1	0.1	-0.1	0.0	0.0	-0.8	-0.8	-0.3
Percent Difference	0.3%	0.0%	0.1%	0.1%	0.1%	0.2%	-0.1%	0.0%	0.0%	-1.0%	-1.1%	-0.59

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



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

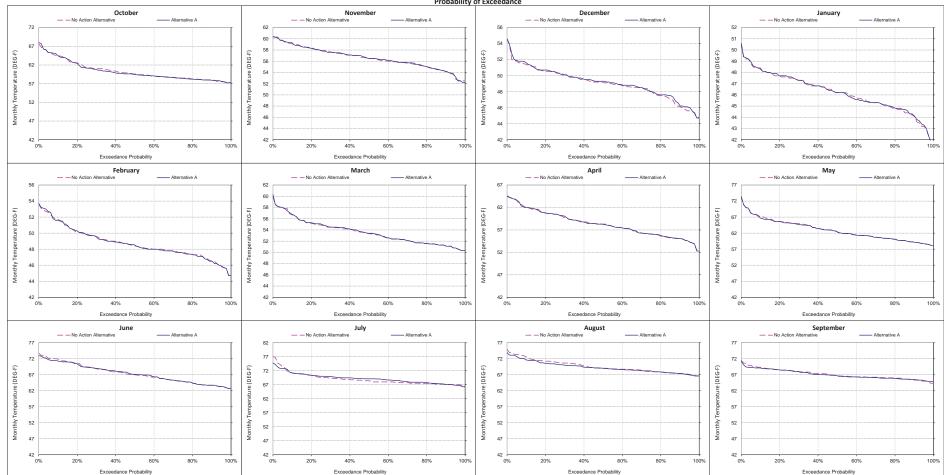


Table SQ-19-3b American River at Watt Avenue, Monthly Temperature Probability of Exceedance

Octobe Novembe Decembe January Percent Percent Percent Percent No Action Alternative Alternative A Absolute Relative Relative Relative Relative Exceedance Exceedance Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG.E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) 0.0% 67.7 68.0 0.3 0.4% 0.0% 60.3 60.4 0.2% 0.0% 54.6 54.6 0.0% 50.6 0.0% 1.2% 66.8 67.7 0.9 1.3% 1.2% 60.3 60.3 0.0 0.0% 1.2% 53.8 53.9 0.1 0.2% 1.2% 49.4 49.4 0.0 0.0% 2.5% 66.3 66.2 -0.2% 2.5% 60.1 60.3 0.3% 2.5% 52.0 52.7 1.3% 2.5% 49.2 49.3 0.2% 3.7% 3.7% 66.1 66.1 0.0 0.0% 3.7% 59.9 59.7 -0.2 -0.3% 3.7% 51.9 52.0 0.1 0.2% 49.2 49.2 0.0 0.0% 4.9% 65.3 65.3 0.0 0.0% 4.9% 59.7 59.7 0.0 0.0% 4.9% 51.8 51.9 0.2% 4.9% 48.8 49.0 0.2 0.4% 6.2% 6.2% 6.2% 6.2% 65.3 65.3 0.0 0.0% 59.4 59.5 0.1 0.2% 51.6 51.8 0.2 0.4% 48.5 48.6 0.1 0.2% 7.4% 0.4 0.6% 7.4% 0.2% 7.4% 0.4% 7.4% 48.4 48.5 0.1 0.2% 0.1 8.6% 8.6% 8.6% 8.6 · . 9.9% 11.1% 12.3% 8.6% 64.6 65.1 0.5 0.8% 59.2 593 0.2% 51.5 51.8 0.3 0.6% 48.4 48.4 0.0% 9.9% 0.4% 0.0% 0.3% 0.2% 11.1% 12.3% 64.4 64.1 -0.3 -0.5% 11.1% 59.0 58.9 -0.1 -0.2% 11.1% 51.3 51.4 0.1 0.2% 48.1 48.1 0.0 0.0% 13.6% 13.6% 13.6% 0.0% 63.8 64.0 0.2 0.3% 58.9 58.8 -0.1 -0.2% 51.1 51.1 0.0 0.0% 48 N 48.0 0.0 -0.4% 16.0% 16.0% 16.0% 16.0% 62.8 63.3 0.5 0.8% 58.6 58.5 -0.1 -0.2% 50.8 50.7 -0.1 -0.2% 47.9 47.9 0.0 0.0% 18.5% 18.5% -0.2% 18.5% 0.2% 18.5% 0.4% 62.6 62.6 0.0 0.0% 58.5 58.4 -0.1 50.6 50.7 0.1 47.7 47.9 0.2 19.8% 21.0% 62.6 62.4 -0.1 -0.5 58.3 19.8% 21.0% 0.1 0.2% 19.8% 21.0% 47.7 47.7 0.0 -0.1 -0.1 21.0% 61.9 -0.8% 58.3 58.2 -0.2% 50.5 50.7 47.6 0.2% 22.2% 23.5% -1.3% 22.2% 23.5% 0.0% 22.2% 23.5% 50.6 22.2% 23.5% 47.7 0.1 0.0 47.7 58.1 47.6 61.6 61.3 -0.3 -0.5% 58.0 0.1 0.2% 50.5 50.5 0.0% 0.2% 24.7% 25.9% 61.3 61.3 24.7% 25.9% 24.7% 25.9% 24.7% 25.9% -0.2% 57.9 0.0% 50.5 0.0 47 F 47.6 0.1 61.1 -0.2 -0.3% 57.9 57.8 -0.1 -0.2% 50.3 -0.2% 47.5 47.6 0.2% 50.4 27.2% 28.4% 27.2% 28.4% 27.2% 28.4% -0.2% 27.2% 57.8 -0.2% 50.3 50.3 47.5 47.5 61.1 -0.2 -0.3% 28.4% 57.7 57.6 -0.1 -0.2% 50.3 -0.2 -0.4% 47.4 47.4 0.0 0.0% 50.1 29.6% 30.9% -0.5% -0.7% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 57.6 -0.2% 0.0% 0.0% 47.3 0.0 0.0% 57.6 0.0 50.1 47.3 47.3 32.1% 61.0 -0.4 -0.7% 32.1% 57.5 57.5 0.0% 32.1% 49.8 49.9 0.1 0.2% 32.1% 47.2 47.3 0.1 0.2% 33.3% 61.0 -1.0% 33.3% 57.4 57.5 0.2% 33.3% 49.8 0.1 0.2% 33.3% 47.0 0.0 0.0% 34.6% 60.8 -0.4 -0.7% 34.6% 57.4 57.5 0.2% 34.6% 49.8 49.8 0.0 0.0% 34.6% 46.9 47.0 0.1 0.2% 35.8% -0.8% 35.8% 57.4 0.2% 35.8% 0.0% 35.8% 0.0 0.2% 37.0% 60.6 -0.4 -0.7%37.0% 57.3 57.3 0.0% 37.0% 49.7 49.7 0.0 0.0% 37.0% 46.8 46.9 0.1 0.2% 38.3% 60.5 -0.7% 38.3% 57.2 38.3% 38.3% 46.8 57.1 0.2% 49.5 0.0% 39.5% 60.4 59.9 -0.5 -0.8% 39.5% 57.1 57.1 0.0 0.0% 39.5% 49.5 49.6 0.1 0.2% 39.5% 46.8 46.8 0.0 0.0% 40.7% 60.2 59.8 -0.4 -0.7% 40.7% 57.0 57.1 0.2% 40.7% 49.5 49.5 0.0 0.0% 40.7% 46.8 46.8 0.0 0.0% 42.0% 60.0 59.8 -0.2-0.3% 42.0% 57.0 57.0 0.0% 42.0% 49.4 49.5 0.1 0.2% 42.0% 46.7 46.7 0.0 0.0% 0.0% 43.2% 60.0 59.7 -0.3 -0.5% 43.2% 57.0 57.0 0.0 0.0% 43.2% 49.3 49.5 0.2 0.4% 43.2% 46.7 46.7 0.0 44.4% 59.9 59.6 -0.3 -0.5% 44.4% 57.0 57.0 0.0% 44.4% 49.2 49.4 0.4% 44.4% 46.5 46.5 0.0 0.0% 45.7% 45.7% 45.7% 59.9 59.6 -0.3 -0.5% 56.7 57.0 0.3 0.5% 49.2 49.3 0.1 0.2% 45.7% 46.5 46.4 -0.1 -0.2% 46.9% 59.8 59.6 -0.3% 46.9% 56.7 56.8 0.2% 46.9% 49.2 49.3 0.2% 46.9% 46.5 46.4 -0.1-0.2% 48.1% 49.4% 59.7 59.6 -0.1 -0.2% 48.1% 56.6 56.7 0.1 0.2% 48.1% 49.2 49.3 0.1 0.2% 48.1% 46.3 46.3 0.0 0.0% 59.6 -0.2% 49.4% 56.5 56.5 0.0% 49.4% 49.2 49.3 0.2% 49.4% 46.2 46.2 0.0 0.0% 50.6% 50.6% 50.6% 50.6% 59.6 59.4 -0.2 -0.3% 56.5 56.5 0.0 0.0% 49.1 49.3 0.2 0.4% 46.2 46.2 0.0 0.0% 51.9% 59.3 -0.2% -0.2% 51.9% 0.0% 49.1 49.2 0.2% 51.9% 53.1% 46.2 46.2 0.0 0.0% 53.1% 53.1% 53.1% -0.1 56.5 0.2 0.0 59.4 593 56.4 0.1 0.2% 49 0 492 46.2 46.2 0.0% 55.6% 56.8% 55.6% 55.6% 55.6% -0.2 59.3 59.2 -0.1 -0.2% 56.2 56.3 0.1 0.2% 48.9 49.1 0.2 0.4% 46.1 45.9 -0.4% 56.8% 58.0% 58.0% 0.4% 58.0% 59.1 59.1 0.0 0.0% 56.1 56.3 0.2 48.9 48.9 0.0 0.0% 58.0% 45.9 45.7 -0.2 -0.4% 60.5% 60.5% 60.5% 59.0 59.0 0.0 0.0% 56.0 56.1 0.1 0.2% 48.7 48.8 0.1 0.2% 60.5% 45.7 45.6 -0.1 -0.2% 61.7% -0.2% 61.7% 45.5 63.0% 63.0% 63.0% 58.9 63.0% 58.9 0.0 0.0% 55.9 55.9 0.0 0.0% 48.6 48.8 0.2 0.4% 45.6 45.5 -0.1 -0.2% 64.2% 65.4% 58.9 58.8 0.0 64.2% 65.4% 55.9 55.8 64.2% 65.4% 64.2% 65.4% 45.6 45.4 45.4 45.4 -0.2 0.0 58.8 0.0% 0.3 0.0% 55.8 0.0 48.5 48.8 0.6% 0.0% 66.7% 67.9% 0.2% 66.7% 67.9% 66.7% 67.9% 66.7% 67.9% 58.7 0.1 55.8 0.0% 48.5 48.7 0.2 0.4% 45.3 -0.1 0.0 -0.2% 58.7 58.7 0.2 55.8 0.0 55.8 0.0 0.0% 48.5 48.6 0.2% 45.3 45.3 0.0% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 0.0% 55.8 48.5 48.5 45.3 45.3 58.6 45.3 0.0 58.7 -0.1 -0.2% 55.6 55.7 0.1 0.2% 48.4 48.5 0.1 0.2% 45.3 0.0% 71.6% 58.6 58.5 -0.2% -0.2% 71.6% 55.7 0.2% 71.6% 48.4 48 3 -0.1 -0.2 -0.2% 71.6% 45.3 45.3 0.0 0.0% 72.8% 58.6 58.5 -0.1 72.8% 55.5 55.7 0.2 0.4% 72.8% 48.4 48.2 -0.4% 72.8% 45.2 45.2 0.0 0.0% 74.1% 75.3% -0.2% -0.2% 74.1% 75.3% 74.1% 0.2% 74.1% 0.1 0.2% 0.0 0.0% 75.3% 75.3% 45.1 76.5% 58.5 -0.2 -0.3% 76.5% 55.2 55.4 0.4% 76.5% 47.7 47.9 0.2 0.4% 76.5% 45.0 45.0 0.0 0.0% 77.8% -0.3% 77.8% 77.8% 77.8% 0.1 0.2% 55.2 55.2 0.0% 47.7 0.2% 79.0% 58.3 58.2 -0.1 -0.2% 79.0% 55.1 55.1 0.0 0.0% 79.0% 47.5 47.6 0.2% 79.0% 44.8 44.9 0.1 0.2% 80.2% 0.0% 80.2% 55.0 80.2% 47.5 80.2% 44.8 58.2 0.0% 47.6 0.1 0.2% 44.8 0.0% 81.5% 58.2 58.1 -0.1-0.2% 81.5% 54.8 54.9 0.2% 81.5% 47.5 47.6 0.2% 81.5% 44.7 44.8 0.1 0.2% 82.7% 58.2 58.1 -0.2% 82.7% 54.7 -0.2% 82.7% 47.4 47.6 0.4% 82.7% 44.7 44.8 0.1 0.2% 84.0% 58.1 58.1 0.0% 84.0% 54.7 54.7 0.0 0.0% 84.0% 47.2 47.5 0.3 0.6% 84.0% 44.7 44.7 0.0 0.0% 85.2% 58.1 58.0 -0.1 -0.2% 85.2% 54.6 54.5 -0.1 -0.2% 85.2% 47.1 47.5 0.4 0.8% 85.2% 44.4 44.7 0.3 0.7% 86.4% 58.0 0.0% 86.4% 54.5 0.0% 86.4% 46.9 47.3 0.9% 86.4% 44.4 44.6 0.2 0.5% 87.7% 58.0 58.0 0.0 0.0% 87.7% 54.4 54.4 0.0 0.0% 87.7% 46.3 46.8 0.5 1.1% 87.7% 44.4 443 -0.1 -0.2% 88.9% 58.0 58.0 0.0 0.0% 88.9% 54.3 54.3 0.0 0.0% 88.9% 46.2 46.6 0.4 0.9% 88.9% 44.2 44.3 0.1 0.2% 90.1% 58.0 57.9 -0.1 -0.2% 90.1% 54.1 54.2 0.1 0.2% 90.1% 46.1 46.2 0.1 0.2% 90.1% 44.1 44.1 0.0 0.0% 91.4% 57.9 57.6 57.8 57.8 -0.2% 91.4% 91.4% 46.0 91.4% 43.6 43.8 0.2 91.4% 92.6% 92.6% 0.2 0.3% 53.9 53.8 -0.1 -0.2% 45.8 46.1 0.3 0.7% 92.6% 43.5 43.7 0.5% 93.8% 0.2 53.7 -0.2% 1.1% 93.8% 0.2 57.6 57.8 0.3% 93.8% 53.8 93.8% 45.6 46.1 0.5 43.2 43.4 0.5% 95.1% 95.1% 95.1% 95.1% 57.5 57.6 0.1 0.2% 52.8 53.2 0.4 0.8% 45.6 46.0 0.4 0.9% 43.2 43.3 0.1 0.2% 96.3% 57.5 57.4 57.5 57.2 0.0% 96.3% 52.5 -0.2% 96.3% 97.5% 45.5 -0.1 0.2% 96.3% 97.5% 43.0 43.0 0.0 0.0% 97.5% 97.5% 52.5 -0.1 0.0 0.0% -0 2 -0.3% 52.6 -0.2% 45.4 453 -0.2% 423 423 -0.2% -0.6% -0.2% 98.8% 0.0% 100.0% 100.0% 100.0% 100.0% 57.3 57.2 -0.1 -0.2% 52.5 52.2 -0.3 -0.6% 44.8 44.7 -0.1 -0.2% 41.8 41.8 0.0 0.0%

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

		February					March					April					May		
Percent	No Action Alternative	Alternative A	Absolute		Percent	No Action Alternative	Alternative A	Absolute		Percent	No Action Alternative	Alternative A	Absolute		Percent	No Action Alternative	Alternative A	Absolute	
Exceedance			Difference	Relative	Exceedance			Difference	Relative	Exceedance			Difference	Relative	Exceedance			Difference	Relative
Probability		Monthly Temperature	(DEG-F)	Difference (%)	Probability		Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	53.6	53.7	0.1	0.2%	0.0%	59.9	60.3	0.4	0.7%	0.0%	64.5	64.6	0.1	0.2%	0.0%	73.5	73.3	-0.2	-0.3%
1.2%	53.1	53.2	0.1	0.2%	1.2%	58.6	58.5	-0.1	-0.2%	1.2%	64.2	64.3	0.1	0.2%	1.2%	70.9	70.9	0.0	0.0%
2.5%	52.9	53.1	0.2	0.4%	2.5%	58.2	58.2	0.0	0.0%	2.5%	64.1	64.0	-0.1	-0.2%	2.5%	69.9	70.0	0.1	0.1%
3.7%	52.7	53.0	0.3	0.6%	3.7%	58.0	58.1	0.1	0.2%	3.7%	64.0	63.9	-0.1	-0.2%	3.7%	69.8	69.8	0.0	0.0%
4.9%	52.6	52.7	0.1	0.2%	4.9%	57.9	58.0	0.1	0.2%	4.9%	63.7	63.6	-0.1	-0.2%	4.9%	68.3	68.3	0.0	0.0%
6.2%	52.3	52.6	0.3	0.6%	6.2%	57.8	57.8	0.0	0.0%	6.2%	62.8	63.3	0.5	0.8%	6.2%	67.9	67.9	0.0	0.0%
7.4%	52.0	51.8	-0.2	-0.4%	7.4%	57.8	57.4	-0.4	-0.7%	7.4%	62.7	62.3	-0.4	-0.6%	7.4%	67.9	67.8	-0.1	-0.1%
8.6%	51.8	51.6	-0.2	-0.4%	8.6%	56.9	57.1	0.2	0.4%	8.6%	62.3	62.1	-0.2	-0.3%	8.6%	67.3	67.6	0.3	0.4%
9.9%	51.7	51.6	-0.1	-0.2%	9.9%	56.7	56.8	0.1	0.2%	9.9%	62.0	62.0	0.0	0.0%	9.9%	67.3	66.7	-0.6	-0.9%
11.1%	51.6	51.5	-0.1	-0.2%	11.1%	56.6	56.6	0.0	0.0%	11.1%	62.0	61.9	-0.1	-0.2%	11.1%	67.1	66.5	-0.6	-0.9%
12.3%	51.3	51.5	0.2	0.4%	12.3%	56.3	56.3	0.0	0.0%	12.3%	61.7	61.9	0.2	0.3%	12.3%	66.9	66.3	-0.6	-0.9%
13.6%	51.2	51.0	-0.2	-0.4%	13.6%	55.8	55.8	0.0	0.0%	13.6%	61.6	61.8	0.2	0.3%	13.6%	66.4	66.3	-0.1	-0.2%
14.8%	50.9	51.0	0.1	0.2%	14.8%	55.7	55.7	0.0	0.0%	14.8%	61.6	61.6	0.0	0.0%	14.8%	66.4	66.2	-0.2	-0.3%
16.0%	50.7	50.6	-0.1	-0.2%	16.0%	55.7	55.7	0.0	0.0%	16.0%	61.4	61.6	0.2	0.3%	16.0%	66.3	66.0	-0.3	-0.5%
17.3%	50.5	50.5	0.0	0.0%	17.3%	55.3	55.3	0.0	0.0%	17.3%	61.2	61.0	-0.2	-0.3%	17.3%	65.6	65.7	0.1	0.2%
18.5%	50.3	50.4	0.1	0.2%	18.5%	55.2	55.3	0.1	0.2%	18.5%	61.0	60.9	-0.1	-0.2%	18.5%	65.6	65.6	0.0	0.0%
19.8%	50.1	50.3	0.2	0.4%	19.8%	55.2	55.3	0.1	0.2%	19.8%	60.8	60.8	0.0	0.0%	19.8%	65.6	65.6	0.0	0.0%
21.0%	50.1	50.1	0.0	0.0%	21.0%	55.1	55.2	0.1	0.2%	21.0%	60.7	60.7	0.0	0.0%	21.0%	65.6	65.5	-0.1	-0.2%
22.2%	50.0	50.1	0.1	0.2%	22.2%	55.0	55.1	0.1	0.2%	22.2%	60.7	60.7	0.0	0.0%	22.2%	65.5	65.2	-0.3	-0.5%
23.5%	49.9	50.0	0.1	0.2%	23.5%	54.9	55.1	0.2	0.4%	23.5%	60.6	60.6	0.0	0.0%	23.5%	65.4	65.2	-0.2	-0.3%
24.7%	49.9	49.8	-0.1	-0.2%	24.7%	54.9	55.1	0.2	0.4%	24.7%	60.5	60.5	0.0	0.0%	24.7%	65.2	65.2	0.0	0.0%
25.9%	49.8	49.7	-0.1	-0.2%	25.9%	54.8	54.9	0.1	0.2%	25.9%	60.5	60.5	0.0	0.0%	25.9%	65.1	65.1	0.0	0.0%
27.2%	49.7	49.7	0.0	0.0%	27.2%	54.7	54.8	0.1	0.2%	27.2%	60.2	60.3	0.0	0.0%	27.2%	65.0	65.0	0.0	0.0%
28.4%	49.6	49.7	0.0	0.2%	28.4%	54.5	54.6	0.1	0.2%	28.4%	60.1	60.2	0.1	0.2%	28.4%	65.0	64.9	-0.1	-0.2%
29.6%	49.6	49.6	0.0	0.0%	29.6%	54.5	54.5	0.0	0.0%	29.6%	59.8	60.1	0.1	0.5%	29.6%	65.0	64.7	-0.1	-0.5%
30.9%	49.5	49.8	-0.2	-0.4%	30.9%	54.5	54.5	0.0	0.0%	30.9%	59.6	59.8	0.3	0.3%	30.9%	64.9	64.6	-0.3	-0.5%
32.1%	49.5 49.3	49.3 49.2	-0.2	-0.4%	30.9%	54.5 54.4	54.5 54.5	0.0	0.2%	32.1%	59.6	59.8 59.4	0.2	0.0%	32.1%	64.8	64.5	-0.3	-0.5%
33.3%	49.3	49.2		0.0%	33.3%	54.4	54.5	0.1		33.3%	59.4	59.4		0.0%	33.3%	64.7	64.5	-0.3	
33.3%	49.2 49.2	49.2 49.1	0.0 -0.1	-0.2%	33.3%	54.4 54.4	54.5 54.4	0.1	0.2%	33.3%	59.3 59.2	59.3 59.2	0.0	0.0%	33.3%	64.7	64.5	-0.2	-0.3%
						54.4	54.4		0.4%	35.8%						64.4	64.4	0.0	-0.2%
35.8% 37.0%	49.1 49.0	49.0 49.0	-0.1 0.0	-0.2%	35.8% 37.0%	54.2 54.2	54.4 54.4	0.2	0.4%	35.8%	59.2 59.0	59.2 59.0	0.0	0.0%	35.8% 37.0%		63.8		0.0%
				0.0%										0.0%		63.8		0.0	0.0%
38.3%	49.0	49.0	0.0	0.0%	38.3%	54.2	54.2	0.0	0.0%	38.3%	59.0	58.8	-0.2	-0.3%	38.3%	63.7	63.7	0.0	0.0%
39.5%	49.0	48.9	-0.1	-0.2%	39.5%	54.1	54.2	0.1	0.2%	39.5%	58.8	58.8	0.0	0.0%	39.5%	63.6	63.4	-0.2	-0.3%
40.7%	48.9	48.9	0.0	0.0%	40.7%	54.1	54.1	0.0	0.0%	40.7%	58.8	58.7	-0.1	-0.2%	40.7%	63.4	63.4	0.0	0.0%
42.0%	48.9	48.8	-0.1	-0.2%	42.0%	53.9	54.0	0.1	0.2%	42.0%	58.7	58.4	-0.3	-0.5%	42.0%	63.2	63.2	0.0	0.0%
43.2%	48.8	48.8	0.0	0.0%	43.2%	53.8	54.0	0.2	0.4%	43.2%	58.5	58.4	-0.1	-0.2%	43.2%	63.2	63.0	-0.2	-0.3%
44.4%	48.7	48.7	0.0	0.0%	44.4%	53.7	53.8	0.1	0.2%	44.4%	58.4	58.4	0.0	0.0%	44.4%	63.0	63.0	0.0	0.0%
45.7%	48.7	48.7	0.0	0.0%	45.7%	53.6	53.7	0.1	0.2%	45.7%	58.4	58.4	0.0	0.0%	45.7%	63.0	63.0	0.0	0.0%
46.9%	48.6	48.6	0.0	0.0%	46.9%	53.6	53.6	0.0	0.0%	46.9%	58.4	58.3	-0.1	-0.2%	46.9%	63.0	62.9	-0.1	-0.2%
48.1%	48.5	48.6	0.1	0.2%	48.1%	53.4	53.5	0.1	0.2%	48.1%	58.3	58.3	0.0	0.0%	48.1%	62.9	62.7	-0.2	-0.3%
49.4%	48.4	48.6	0.2	0.4%	49.4%	53.4	53.4	0.0	0.0%	49.4%	58.3	58.3	0.0	0.0%	49.4%	62.6	62.6	0.0	0.0%
50.6%	48.4	48.4	0.0	0.0%	50.6%	53.3	53.4	0.1	0.2%	50.6%	58.3	58.2	-0.1	-0.2%	50.6%	62.1	62.2	0.1	0.2%
51.9%	48.3	48.3	0.0	0.0%	51.9%	53.3	53.4	0.1	0.2%	51.9%	58.3	58.1	-0.2	-0.3%	51.9%	62.0	62.0	0.0	0.0%
53.1%	48.2	48.2	0.0	0.0%	53.1%	53.2	53.3	0.1	0.2%	53.1%	58.0	58.0	0.0	0.0%	53.1%	61.9	61.9	0.0	0.0%
54.3%	48.2	48.1	-0.1	-0.2%	54.3%	53.1	53.2	0.1	0.2%	54.3%	57.9	57.9	0.0	0.0%	54.3%	61.9	61.9	0.0	0.0%
55.6%	48.1	48.1	0.0	0.0%	55.6%	53.1	53.1	0.0	0.0%	55.6%	57.7	57.7	0.0	0.0%	55.6%	61.8	61.9	0.1	0.2%
56.8%	48.1	48.0	-0.1	-0.2%	56.8%	52.9	52.9	0.0	0.0%	56.8%	57.6	57.6	0.0	0.0%	56.8%	61.8	61.8	0.0	0.0%
58.0%	48.1	48.0	-0.1	-0.2%	58.0%	52.7	52.8	0.1	0.2%	58.0%	57.6	57.6	0.0	0.0%	58.0%	61.6	61.5	-0.1	-0.2%
59.3%	48.0	48.0	0.0	0.0%	59.3%	52.6	52.6	0.0	0.0%	59.3%	57.5	57.5	0.0	0.0%	59.3%	61.5	61.4	-0.1	-0.2%
60.5%	48.0	48.0	0.0	0.0%	60.5%	52.5	52.6	0.1	0.2%	60.5%	57.4	57.4	0.0	0.0%	60.5%	61.4	61.3	-0.1	-0.2%
61.7%	48.0	48.0	0.0	0.0%	61.7%	52.4	52.4	0.0	0.0%	61.7%	57.3	57.3	0.0	0.0%	61.7%	61.3	61.3	0.0	0.0%
63.0%	48.0	47.9	-0.1	-0.2%	63.0%	52.4	52.4	0.0	0.0%	63.0%	57.3	57.3	0.0	0.0%	63.0%	61.3	61.3	0.0	0.0%
64.2%	48.0	47.9	-0.1	-0.2%	64.2%	52.4	52.4	0.0	0.0%	64.2%	57.2	57.2	0.0	0.0%	64.2%	61.2	61.2	0.0	0.0%
65.4%	47.9	47.8	-0.1	-0.2%	65.4%	52.3	52.4	0.1	0.2%	65.4%	56.8	56.9	0.1	0.2%	65.4%	61.2	61.2	0.0	0.0%
66.7%	47.8	47.8	0.0	0.0%	66.7%	52.3	52.3	0.0	0.0%	66.7%	56.8	56.8	0.0	0.0%	66.7%	61.1	61.1	0.0	0.0%
67.9%	47.8	47.8	0.0	0.0%	67.9%	52.3	52.3	0.0	0.0%	67.9%	56.7	56.4	-0.3	-0.5%	67.9%	61.0	61.0	0.0	0.0%
69.1%	47.8	47.8	0.0	0.0%	69.1%	52.2	52.2	0.0	0.0%	69.1%	56.4	56.3	-0.1	-0.2%	69.1%	60.7	60.7	0.0	0.0%
70.4%	47.8	47.7	-0.1	-0.2%	70.4%	52.1	52.1	0.0	0.0%	70.4%	56.3	56.3	0.0	0.0%	70.4%	60.7	60.7	0.0	0.0%
71.6%	47.7	47.6	-0.1	-0.2%	71.6%	52.0	52.0	0.0	0.0%	71.6%	56.2	56.2	0.0	0.0%	71.6%	60.6	60.6	0.0	0.0%
72.8%	47.6	47.6	0.0	0.0%	72.8%	51.9	51.9	0.0	0.0%	72.8%	56.2	56.2	0.0	0.0%	72.8%	60.6	60.6	0.0	0.0%
74.1%	47.6	47.6	0.0	0.0%	74.1%	51.7	51.7	0.0	0.0%	74.1%	56.1	56.1	0.0	0.0%	74.1%	60.5	60.4	-0.1	-0.2%
75.3%	47.6	47.5	-0.1	-0.2%	75.3%	51.7	51.7	0.0	0.0%	75.3%	56.1	56.1	0.0	0.0%	75.3%	60.4	60.4	0.0	0.0%
76.5%	47.5	47.4	-0.1	-0.2%	76.5%	51.7	51.7	0.0	0.0%	76.5%	56.0	56.0	0.0	0.0%	76.5%	60.4	60.4	0.0	0.0%
77.8%	47.4	47.4	0.0	0.0%	77.8%	51.6	51.7	0.1	0.2%	77.8%	56.0	56.0	0.0	0.0%	77.8%	60.3	60.3	0.0	0.0%
79.0%	47.4	47.4	0.0	0.0%	79.0%	51.6	51.6	0.0	0.0%	79.0%	55.8	55.9	0.0	0.2%	79.0%	60.1	60.2	0.0	0.0%
80.2%	47.3	47.3	0.0	0.0%	80.2%	51.6	51.6	0.0	0.0%	80.2%	55.6	55.7	0.1	0.2%	80.2%	60.1	60.1	0.0	0.0%
81.5%	47.3	47.3	0.0	0.0%	81.5%	51.5	51.5	0.0	0.0%	81.5%	55.5	55.6	0.1	0.2%	81.5%	59.8	59.8	0.0	0.0%
82.7%	47.3	47.3 47.1	-0.2	-0.4%	82.7%	51.5	51.5	0.0	0.0%	82.7%	55.4	55.5	0.1	0.2%	82.7%	59.7	59.7	0.0	0.0%
82.7% 84.0%	47.3 47.3	47.1	-0.2	-0.4%	82.7% 84.0%	51.5 51.5	51.5 51.5	0.0	0.0%	82.7% 84.0%	55.4 55.3	55.5 55.4	0.1	0.2%	82.7% 84.0%	59.7 59.7	59.7 59.7	0.0	0.0%
85.2%	47.3 47.1	47.1	0.0	0.0%	85.2%	51.4	51.4	0.0	0.0%	85.2%	55.2	55.3	0.1	0.2%	85.2%	59.7	59.7	0.0	0.0%
						51.4 51.3	51.4 51.3									59.7 59.5			
86.4%	46.8	46.8 46.7	0.0	0.0%	86.4%			0.0	0.0%	86.4%	55.2	55.2	0.0	0.0%	86.4%		59.5	0.0	0.0%
87.7%	46.8		-0.1	-0.2%	87.7%	51.3	51.3	0.0	0.0%	87.7%	55.1	55.2	0.1	0.2%	87.7%	59.3	59.3	0.0	0.0%
88.9%	46.6	46.5	-0.1	-0.2%	88.9%	51.3	51.3	0.0	0.0%	88.9%	55.1	55.1	0.0	0.0%	88.9%	59.3	59.3	0.0	0.0%
90.1%	46.5	46.5	0.0	0.0%	90.1%	51.1	51.1	0.0	0.0%	90.1%	55.0	55.1	0.1	0.2%	90.1%	59.2	59.2	0.0	0.0%
91.4%	46.5	46.2	-0.3	-0.6%	91.4%	51.1	51.1	0.0	0.0%	91.4%	55.0	55.0	0.0	0.0%	91.4%	59.1	59.1	0.0	0.0%
92.6%	46.2	46.2	0.0	0.0%	92.6%	51.1	51.1	0.0	0.0%	92.6%	54.7	54.7	0.0	0.0%	92.6%	59.0	59.0	0.0	0.0%
93.8%	46.0	46.0	0.0	0.0%	93.8%	50.8	50.8	0.0	0.0%	93.8%	54.6	54.6	0.0	0.0%	93.8%	58.8	58.8	0.0	0.0%
95.1%	45.8	45.9	0.1	0.2%	95.1%	50.8	50.8	0.0	0.0%	95.1%	54.3	54.3	0.0	0.0%	95.1%	58.7	58.7	0.0	0.0%
96.3%	45.7	45.7	0.0	0.0%	96.3%	50.6	50.6	0.0	0.0%	96.3%	54.1	54.1	0.0	0.0%	96.3%	58.6	58.6	0.0	0.0%
97.5%	45.6	45.6	0.0	0.0%	97.5%	50.4	50.4	0.0	0.0%	97.5%	53.9	53.9	0.0	0.0%	97.5%	58.5	58.5	0.0	0.0%
98.8%	44.7	44.7	0.0	0.0%	98.8%	50.3	50.3	0.0	0.0%	98.8%	52.3	52.3	0.0	0.0%	98.8%	58.2	58.2	0.0	0.0%
100.0%	44.7	44.7	0.0	0.0%	100.0%	50.3	50.3	0.0	0.0%	100.0%	52.3	52.3	0.0	0.0%	100.0%	58.2	58.2	0.0	0.0%

Table SQ-19-3b

American River at Watt Avenue, Monthly Temperature
Probability of Exceedance

Processor Proc						
Probability Information						
Probability Monthly Temperature Monthl	Absolute Relative				Rel	elative
Cols. Cols	Difference Difference /9					
12% 730 728 02 0-2% 1-2% 767 742 2-25 3-39 12% 733 731 0-8 1-15% 12% 706 701 22% 705 703 22% 705 705 604 49% 723 723 0-73 723 0-73 1 0-8 0-0.0	(DEG-F)					
2.5% 73.0 72.3 4.7 1.0% 2.5% 74.7 73.3 1.4 1.9% 2.5% 73.7 73.1 4.0 4.0 4.0% 2.5% 70.5 69.4 37% 69.3 37% 72.8 37.4 72.8 1.4 1.9% 3.7% 69.3 69.3 73.8 73.4 73.7 73.1 4.0 4.0 4.0% 5.2% 70.5 69.4 37% 69.3 69.3 73.8 69.3 69.3 74.2 72.2 1.0 1.4 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	-0.1 -0.1%				-0.	0.1%
3.7% 72.8 72.2 0.6 0.09% 4.9% 73.4 74.2 72.8 -1.4 -1.9% 3.7% 73.4 73.1 0.3 0.4% 3.7% 69.9 69.3 69.1 74.7 72.1 71.7 70.4 0.0% 4.9% 73.4 72.2 6.6 0.0% 4.9% 73.3 72.7 0.6 0.0% 4.9% 73.3 72.7 0.6 0.0% 4.9% 73.3 72.7 0.6 0.0 74.4 0.0 69.9 69.3 74.6 74.6 72.0 71.4 0.0 6 0.0% 8.6% 71.9 72.5 0.0 0.0% 8.6% 72.9 72.1 0.0 9.1 1.2% 74.6 69.9 69.3 69.1 1.2% 74.6 72.0 71.4 0.0 6 0.0% 8.6% 71.9 72.5 0.0 0.0% 8.6% 72.9 72.1 0.0 9.1 1.2% 74.6 69.9 69.3 69.1 1.9% 72.0 71.4 0.0 6 0.0% 8.6% 72.9 72.1 0.0 0.0% 8.6% 72.9 72.1 0.0 9.1 1.2% 8.6% 72.0 71.4 0.0 6 0.0% 8.6% 72.9 72.1 0.0 0.0% 8.6% 72.9 72.1 0.0 9.1 1.2% 8.6% 72.0 71.4 0.0 0.0 0.0% 8.6% 72.0 72.1 0.0 9.1 1.2% 8.6% 72.0 71.4 0.0 0.0 0.0% 8.6% 72.9 72.1 0.0 0.0 0.0% 8.6% 72.9 72.1 0.0 0.0 0.0% 8.6% 72.9 72.1 0.0 0.0 0.0% 8.6% 72.9 72.1 0.0 0.0 0.0% 8.6% 72.0 72.0 72.1 0.0 0.0 0.0% 8.6% 72.9 72.1 0.0 0.0 0.0% 8.0% 72.5 71.6 0.0 9.1 1.2% 8.6% 69.3 69.1 1.1% 8.6% 72.0 72.0 72.1 1.0 0.0 0.0 0.0% 8.0 1.1% 8.0 1.1% 8.0 1.0 1.1% 8.0 1.1% 8.0 1.0 1.1% 8.0 1.1% 8.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	-0.5 -0.7% -1.1 -1.6%					
4.9% 72.1 71.7 0.4 0.0% 4.9% 73.4 72.8 0.0 0.0% 4.9% 73.3 72.7 0.6 0.0% 4.9% 6.2 6.3 63.1 62.2 6.3 62.2 72.1 71.5 0.6 0.0% 6.2 6.2 72.1 71.5 0.6 0.0 72.2 72.2 72.2 72.2 72.2 72.2 72.2	-0.6 -0.9%	-0.6	-0.6	-0.6	-0	0.9%
7.4% 72.0 71.4 -0.6 -0.8% 8.8	-0.6 -0.9%					
86% 720 71.4 0.6 0.0% 8.6% 71.5 71.5 0.0 0.0% 8.6% 72.9 72.1 0.8 1.1% 8.6% 69.3 69.1 9.9% 71.2 71.2 0.0 0.0% 8.6% 72.9 72.1 0.8 1.1% 8.6% 69.3 69.1 9.9% 71.5 71.6 0.9 1.2% 9.9% 61.3 69.1 11.1% 71.6 0.0 0.0% 9.9% 72.5 71.6 0.9 1.2% 9.9% 61.3 69.1 11.1% 71.6 0.0 0.0% 9.9% 72.5 71.6 0.9 1.2% 9.9% 61.3 69.1 11.1% 71.6 0.0 0.0% 9.9% 72.5 71.6 0.9 1.2% 9.9% 61.3 69.1 11.1% 71.6 0.0 0.0% 9.9% 72.5 71.6 0.9 1.2% 9.9% 61.3 69.1 11.1% 72.6 0.0 0.0% 9.9% 72.5 71.6 0.9 1.2% 9.9% 61.3 69.1 11.1% 72.6 0.0 0.0% 9.9% 72.5 71.6 0.0 0.0 0.0% 11.2% 11.1	-0.3 -0.4%					
9.9% 71.9 71.3 0.6 0.8% 9.9% 71.2 71.2 71.0 0.0 0.0% 9.9% 72.5 71.6 0.9 1.2% 9.9% 69.3 69.1 11.1% 71.6 71.1 71.0 0.1 0.1% 11.1% 72.4 71.5 0.9 1.2% 11.1% 69.2 68.9 12.2% 71.3 71.0 0.3 0.0% 12.2% 71.3 71.0 0.0 0.0% 12.2% 71.8 71.4 0.4 0.4 0.5% 12.3% 69.0 68.9 12.2% 71.3 71.0 0.0 0.0% 12.2% 71.8 71.4 0.4 0.4 0.5% 12.3% 69.0 68.9 11.3% 69.0 0.0 0.0% 12.2% 71.8 71.4 0.4 0.4 0.5% 12.3% 69.0 68.9 11.3% 71.0 0.0 0.0% 12.2% 71.0 71.0 71.0 0.0 0.0% 12.2% 71.0 71.0 71.0 71.0 0.0 0.0% 12.3% 69.0 0.0 0.0% 12.3% 71.0 71.0 0.0 0.0% 12.3% 71.0 0.0 0.0 0.0% 12.3% 71.0 0.0 0.0 0.0% 12.3% 71.0 0.0 0.0 0.0% 12.3% 71.4 71.1 0.0 0.0 0.0% 12.3% 71.4 71.1 0.0 0.0 0.0% 12.3% 71.4 71.1 0.0 0.0 0.0% 12.3% 71.4 71.1 0.0 0.0 0.0% 12.3% 71.4 71.1 0.0 0.0 0.0% 12.3% 71.4 71.1 0.0 0.0 0.0% 12.3% 71.4 70.7 0.0 0.0 0.0 0.0% 12.3% 71.4 71.1 0.0 0.0 0.0% 12.3% 71.4 70.7 0.0 0.0 0.0 0.0% 12.3% 71.4 71.1 0.0 0.0 0.0% 12.3% 71.4 70.7 0.0 0.0 0.0 0.0% 12.3% 71.4 70.7 0.0 0.0 0.0 0.0% 12.3% 71.4 70.7 0.0 0.0 0.0 0.0% 12.3% 71.4 70.7 0.0 0.0 0.0 0.0% 12.3% 71.4 70.7 0.0 0.0 0.0 0.0% 12.3% 71.4 70.7 0.0 0.0 0.0 0.0% 12.3% 71.4 70.7 0.0 0.0 0.0 0.0% 12.3% 71.4 70.7 0.0 0.0 0.0 0.0% 12.3% 71.4 70.7 0.0 0.0 0.0 0.0% 12.3% 71.4 70.7 0.0 0.0 0.0 0.0 0.0% 12.3% 71.4 70.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	-0.4 -0.6%					
11.1% 71.6 71.1 -0.5 -0.7% 11.1% 71.1 71.0 -0.1 -0.1% 11.1% 72.4 71.5 -0.9 -1.2% 11.1% 89.2 68.9 13.2% 71.3 71.0 -0.3 -0.4% 12.3% 71.0 71.0 0.0 0.0% 12.3% 71.8 71.7 71.4 -0.3 -0.4% 13.5% 68.9 68.9 13.2% 71.3 71.0 -0.3 -0.4% 13.5% 70.8 70.9 0.1 0.1% 13.8% 71.6 71.7 71.4 -0.3 -0.4% 13.5% 68.9 68.8 68.9 68.9 68.9 14.6% 71.0 71.0 0.0 0.0 0.0% 13.2% 71.0 71.0 71.0 0.0 0.0 0.0% 13.2% 71.0 71.0 71.0 71.0 71.0 0.0 0.0 0.0% 13.2% 71.0 71.0 71.0 71.0 71.0 71.0 71.0 71.0	-0.2 -0.3% -0.2 -0.3%				-0	0.3%
12.3% 71.3 71.0 -0.3 -0.4% 12.3% 71.0 71.0 0.0 0.0% 12.3% 71.8 71.4 -0.4 -0.6% 12.3% 69.0 69.9 13.6% 71.3 71.0 -0.3 -0.4% 13.6% 70.8 70.9 0.1 0.1% 13.6% 71.7 71.4 -0.3 -0.4% 13.6% 68.9 68.8 14.6% 71.0 71.0 71.0 0.0 0.0% 14.6% 70.8 70.9 0.1 0.1% 14.6% 71.6 71.4 -0.2 -0.3% 14.6% 68.9 68.8 68.8 14.6% 71.0 71.0 71.0 0.0 0.0% 14.6% 70.8 70.9 0.1 0.1% 14.6% 71.6 71.4 -0.2 -0.3% 14.6% 68.8 68.8 68.8 68.8 68.8 68.8 68.8 6	-0.2 -0.3%				-0	0.4%
14.8% 71.0 71.0 0.0 0.0% 14.8% 70.8 70.9 0.1 0.1% 14.8% 71.6 71.4 0.2 0.3% 14.8% 68.8 68.8 16.0% 71.0 70.8 70.8 70.9 0.1 0.1% 16.0% 70.7 70.8 0.1 0.1% 16.0% 71.4 71.1 0.3 0.4% 16.0% 68.8 68.8 17.3% 70.8 70.9 0.1 0.1% 17.3% 70.5 70.7 0.2 0.3% 17.3% 71.4 70.7 0.7 0.7 1.0% 17.3% 68.7 68.6 18.8 18.8 17.3% 70.7 70.8 0.2 0.3% 18.6 18.6 70.5 70.7 0.2 0.3% 17.3% 71.4 70.7 0.7 1.0 1.0 1.0 17.3% 68.7 68.6 18.8 18.8 18.8 18.8 18.8 18.8 18.8	-0.1 -0.1%					
16.0% 71.0 70.9 -0.1 -0.1% 16.0% 70.7 70.8 0.1 0.1% 16.0% 71.4 71.1 -0.3 -0.4% 10.0% 68.8 68.8 18.5% 70.5 70.7 70.5 -0.2 -0.3% 18.5% 70.6 70.7 70.5 -0.2 -0.3% 18.5% 70.6 70.7 70.5 -0.2 -0.3% 18.5% 70.6 70.7 70.5 -0.2 -0.3% 18.5% 70.6 70.4 -0.1 -0.1% 18.5% 71.3 70.7 -0.6 -0.9% 18.5% 68.5 68.6 18.5% 70.6 70.5 -0.11 -0.1% 19.5% 70.6 70.4 -0.1 -0.1% 18.5% 71.3 70.7 -0.6 -0.9% 18.5% 68.5 68.6 19.8% 70.6 70.5 -0.11 -0.1% 19.8% 70.6 70.4 -0.1 -0.1% 18.5% 71.3 70.7 -0.6 -0.9% 18.5% 68.5 68.6 19.8% 70.6 70.5 69.9 -0.6 -0.9% 19.5% 70.0 70.3 0.3 0.4% 19.8% 71.2 70.6 -0.5 -0.5% 19.5% 68.5 68.6 19.5% 70.6 70.0 70.3 0.3 0.4% 19.8% 71.2 70.6 -0.5 -0.5% 19.5% 68.6 68.5 68.5 68.5 19.6% 70.6 69.3 -0.2% 19.5% 70.6 70.0 70.3 0.3 0.4% 19.8% 71.2 70.5 -0.7 1.10% 19.5% 68.4 68.4 68.4 68.4 68.4 68.4 68.4 68.4	-0.1 -0.1%	-0.1	-0.1	-0.1		
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66.7% 65.6 65.5 -0.1 -0.2% 66.7% 67.7 68.3 0.6 0.9% 66.7% 68.6 68.4 -0.2 -0.3% 66.7% 66.2 66.1	-0.1 -0.2%	-0.1	-0.1	-0.1	-0	0.2%
67.9% 65.4 65.4 0.0 0.0% 67.9% 67.7 68.2 0.5 0.7% 67.9% 68.5 68.4 -0.1 -0.1% 67.9% 66.2 66.1	-0.1 -0.2%					
69.1% 65.3 65.3 0.0 0.0% 69.1% 67.7 68.1 0.4 0.6% 69.1% 68.5 68.3 -0.2 -0.3% 69.1% 66.2 66.1 70.4% 65.3 65.3 0.0 0.0% 70.4% 67.7 68.0 0.3 0.4% 70.4% 68.2 68.2 0.0 0.0% 70.4% 66.2 66.1	-0.1 -0.2% -0.1 -0.2%	-0.1	-0.1	-0.1	-0	0.2%
70.4% 65.3 65.3 65.3 0.0 $0.0%$ $70.4%$ 67.7 68.0 0.3 $0.4%$ $70.4%$ 68.2 68.2 0.0 $0.0%$ $70.4%$ 66.2 66.1 $71.6%$ 65.1 9.0 $9.0%$	-0.1 -0.2% -0.2 -0.3%					
71.2% 65.1 65.0 -0.1 -0.2% 72.8% 67.5 67.9 0.4 0.6% 72.8% 68.0 68.2 0.2 0.3% 72.8% 66.1 65.9	-0.2 -0.3%					
74.1% 65.0 65.0 0.0 0.0% 74.1% 67.5 67.9 0.4 0.6% 74.1% 68.0 68.2 0.2 0.3% 74.1% 66.1 65.9	-0.2 -0.3%	-0.2	-0.2	-0.2	-0	0.3%
75.3% 64.9 64.9 0.0 0.0% 75.3% 67.5 67.9 0.4 0.6% 75.3% 67.9 68.1 0.2 0.3% 75.3% 66.0 65.9	-0.1 -0.2%	-0.1	-0.1	-0.1	-0	0.2%
$76.5\% \qquad 64.7 \qquad 64.7 \qquad 0.0 \qquad 0.0\% \qquad 76.5\% \qquad 67.5 \qquad 67.9 \qquad 0.4 \qquad 0.6\% \qquad 76.5\% \qquad 67.9 \qquad 67.9 \qquad 0.0 \qquad 0.0\% \qquad 76.5\% \qquad 66.0 \qquad 65.9 \\ 77.8\% \qquad 64.7 \qquad 64.7 \qquad 0.0 \qquad 0.0\% \qquad 77.8\% \qquad 67.5 \qquad 67.9 \qquad 0.0 \qquad 0.0\% \qquad 77.8\% \qquad 66.0 \qquad 65.9 \\ 77.8\% \qquad 64.7 \qquad 64.7 \qquad 0.0 \qquad 0.0\% \qquad 77.8\% \qquad 67.9 \qquad 0.0 \qquad 0.0\% \qquad 77.8\% \qquad 67.9 \qquad 0.0 \qquad 0.0\% \qquad 77.8\% \qquad 68.0 \qquad 67.9 \qquad 0.0 \qquad 0.0\% \qquad 77.8\% \qquad 69.0 \qquad 69.0$	-0.1 -0.2% -0.1 -0.2%					
7.8% b4.7 b4.7 U.U U.U% 77.8% b5.5 b7.9 U.4 U.b% 77.8% b7.9 b7.9 U.U U.U% 77.8% b6.U b5.9 79.0% 64.7 64.7 0.0 0.0% 79.0% 67.4 67.8 0.4 0.6% 79.0% 67.9 67.9 0.0 0.0% 79.0% 66.0 65.9	-0.1 -0.2% -0.1 -0.2%					
80.2% 64.3 64.3 0.0 0.0% 80.2% 67.4 67.7 0.3 0.4% 80.2% 67.8 67.8 0.0 0.0% 80.2% 65.9 65.8	-0.1 -0.2%					
81.5% 64.2 64.2 0.0 0.0% 81.5% 67.4 67.6 0.2 0.3% 81.5% 67.7 67.8 0.1 0.1% 81.5% 65.9 65.7	-0.2 -0.3%	-0.2	-0.2	-0.2	-0	0.3%
82.7% 63.9 63.9 0.0 0.0% 82.7% 67.4 67.5 0.1 0.1% 82.7% 67.6 67.6 0.0 0.0% 82.7% 65.9 65.7	-0.2 -0.3%	-0.2	-0.2	-0.2		
84.0% 63.9 63.9 0.0 0.0% 84.0% 67.3 67.5 0.2 0.3% 84.0% 67.6 67.6 0.0 0.0% 84.0% 65.8 65.6 85.2% 63.8 0.3 0.0 0.0% 85.2% 67.2 67.4 0.2 0.3% 85.2% 67.5 67.6 0.1 0.1% 85.2% 65.6 65.6	-0.2 -0.3% 0.0 0.0%					
85.2% 53.8 53.8 54.9 U.0 U.0% 55.2% 57.2 57.4 U.2 U.3% 55.2% 57.5 57.5 U.1 U.1% 55.2% 55.5 55.5 55.5 55.5 55.5 55.5 55	0.0 0.0%					
60.7% 63.7 63.7 0.0 0.0% 87.7% 67.2 67.3 0.1 0.1% 87.7% 67.4 67.5 0.1 0.1% 87.7% 65.6 65.5	-0.1 -0.2%					
88.9% 63.7 63.7 0.0 0.0% 88.9% 67.2 67.2 0.0 0.0% 88.9% 67.4 67.4 0.0 0.0% 88.9% 65.5 65.5	0.0 0.0%					
90.1% 63.7 63.7 0.0 0.0% 90.1% 67.1 67.1 0.0 0.0% 90.1% 67.3 67.4 0.1 0.1% 90.1% 65.3 65.5	0.2 0.3%					
91.4% 63.7 63.7 0.0 0.0% 91.4% 67.1 67.1 0.0 0.0% 91.4% 67.3 67.3 0.0 0.0% 91.4% 65.3 65.4	0.1 0.2%	0.1	0.1	0.1		
92.6% 63.5 63.5 0.0 0.0% 92.6% 67.0 67.0 0.0 0.0% 92.6% 67.2 67.2 0.0 0.0% 92.6% 65.2 65.3 93.8% 63.3 0.0 0.0% 93.8% 67.0 66.9 -0.1 -0.1% 93.8% 67.2 67.0 -0.2 -0.3% 93.8% 65.0 65.3	0.1 0.2% 0.3 0.5%					
95.8% 65.3 65.3 0.0 0.0% 95.8% 67.0 66.9 40.1 40.1% 95.8% 67.1 66.9 40.2 40.3% 95.1% 65.0 65.3 95.1% 63.3 63.3 0.0 0.0% 95.1% 67.0 66.8 40.2 40.3% 95.1% 67.1 66.9 40.2 40.3% 95.1% 65.0 65.2	0.3 0.5%				0.	0.3%
96.3% 63.2 63.2 0.0 0.0% 96.3% 67.0 66.7 -0.3 -0.4% 96.3% 66.9 66.8 -0.1 -0.1% 96.3% 65.0 65.0	0.0 0.0%					
97.5% 62.9 62.9 0.0 0.0% 97.5% 67.0 66.6 -0.4 -0.6% 97.5% 66.8 66.6 -0.2 -0.3% 97.5% 64.7 64.9	0.2 0.3%				0.	0.3%
98.8% 62.7 62.7 0.0 0.0% 98.8% 66.4 66.2 -0.2 -0.3% 98.8% 66.6 66.6 0.0 0.0% 98.8% 64.3 64.8	0.5 0.8%					
100.0% 62.7 62.7 0.0 0.0% 100.0% 66.4 66.2 -0.2 -0.3% 100.0% 66.6 66.6 0.0 0.0% 100.0% 64.3 64.8	0.5 0.8%	0.5	0.5	U.5	0.	J.6%

Table SQ-20-3a

American River at the Mouth, Monthly Temperature
Long-term Average and Average by Water Year Type

					Mon	thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	60.8	56.3	48.6	46.1	49.0	54.0	58.9	63.7	68.1	69.7	70.4	67.6
Alternative A	60.7	56.3	48.8	46.1	49.0	54.0	58.9	63.7	68.1	70.1	70.1	67.5
Difference	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.3	-0.3	-0.1
Percent Difference ³	-0.1%	0.0%	0.2%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.5%	-0.4%	-0.29
				Water Y	ear Types	2						
Vet (32%)												
No Action Alternative	60.0	57.3	49.6	46.5	48.3	52.8	56.8	61.4	65.6	69.3	69.5	66.4
Alternative A	59.9	57.3	49.7	46.5	48.3	52.8	56.8	61.4	65.6	69.5	69.2	66.5
Difference	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.3	0.1
Percent Difference	-0.1%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.4%	0.1%
Above Normal (15%)												
No Action Alternative	59.6	55.7	48.6	46.4	48.6	53.3	58.4	63.2	67.9	68.6	69.7	66.8
Alternative A	59.5	55.7	48.7	46.4	48.6	53.4	58.4	63.2	68.1	69.0	69.4	66.9
Difference	-0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.4	-0.3	0.1
Percent Difference	-0.2%	-0.1%	0.2%	0.1%	-0.1%	0.1%	0.0%	0.0%	0.2%	0.6%	-0.4%	0.1%
Below Normal (17%)												
No Action Alternative	59.5	56.1	48.9	45.5	48.0	53.9	59.0	63.2	68.1	68.3	70.5	68.0
Alternative A	59.4	56.2	49.0	45.5	47.9	54.0	58.9	63.0	68.1	69.5	70.0	67.6
Difference	0.0	0.1	0.1	0.1	0.0	0.1	-0.1	-0.1	0.0	1.2	-0.5	-0.4
Percent Difference	0.0%	0.2%	0.2%	0.1%	0.0%	0.2%	-0.1%	-0.2%	0.0%	1.8%	-0.7%	-0.79
Ory (22%)												
No Action Alternative	61.3	56.0	48.4	45.7	49.5	54.7	60.3	65.9	70.1	69.9	70.4	68.2
Alternative A	61.0	56.0	48.6	45.7	49.4	54.6	60.4	65.7	70.0	70.2	70.6	68.2
Difference	-0.3	0.1	0.2	0.0	-0.1	0.0	0.1	-0.1	-0.1	0.3	0.2	-0.1
Percent Difference	-0.5%	0.1%	0.5%	-0.1%	-0.2%	0.0%	0.2%	-0.2%	-0.2%	0.5%	0.3%	-0.19
Critical (15%)												
lo Action Alternative	64.2	55.1	46.8	46.2	51.3	56.1	61.7	66.5	70.4	73.4	72.6	69.4
Alternative A	64.3	55.1	46.8	46.2	51.4	56.1	61.6	66.5	70.5	72.8	71.8	69.1
Difference	0.1	0.0	0.0	0.1	0.1	0.1	-0.1	0.0	0.1	-0.6	-0.7	-0.3
Percent Difference	0.2%	-0.1%	0.1%	0.1%	0.1%	0.1%	-0.1%	0.0%	0.1%	-0.8%	-1.0%	-0.49

1 Based on the 82-year simulation period

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



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

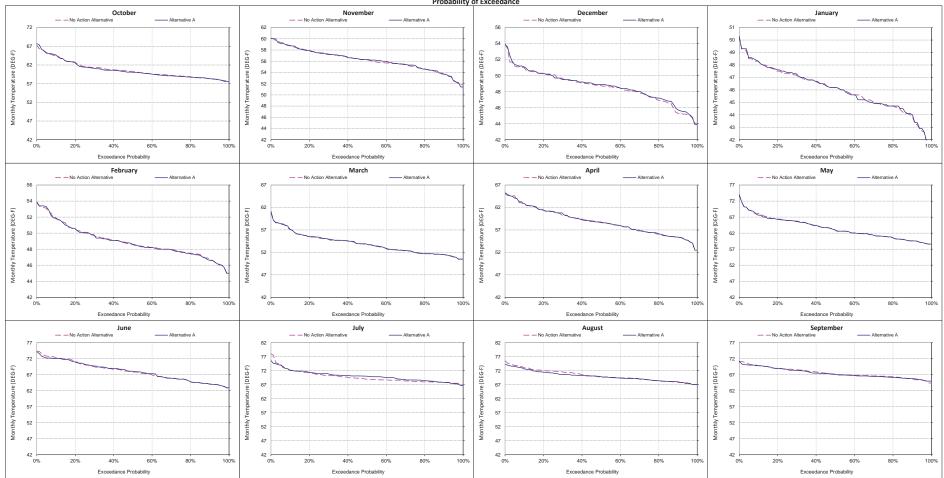


Table SQ-20-3b

American River at the Mouth, Monthly Temperature
Probability of Exceedance

December

January

November

October

	Percent		October			Percent					Percent					Percent				
		No Action Alternative	Alternative A	Absolute	Relative		No Action Alternative	Alternative A	Absolute	Relative		No Action Alternative	Alternative A	Absolute	Relative		No Action Alternative	Alternative A	Absolute	Relative
Column	Probability	Monthly Temperature	Monthly Temperature		Difference (%)	Probability	Monthly Temperature	Monthly Temperature		Difference (%)	Probability	Monthly Temperature	Monthly Temperature		Difference (%)	Probability	Monthly Temperature	Monthly Temperature		Difference (%)
The	(%)	(DEG-F)	(DEG-F)																	
250	0.0%					0.0%					0.0%				0.0%	0.0%				0.0%
1.00																				
Column						2.5%				0.5%	2.5%					2.5%				0.0%
Second	3.7%					3.7%														
The																				
1.5																				
10																				
11 12 13 14 15 15 15 15 15 15 15	8.6%			0.3		8.6%				0.2%	8.6%				0.4%				0.1	0.2%
1.5																				
15.00 15.0	11.1%			-0.3		11.1%				0.2%	11.1%									0.0%
145																				
Section Sect																				-0.2%
175																				
18.00											10.0%									
18th Col.																17.3%				
20											10.376									
22.5																				
200.																				
2-72, 61.6																				
25.00																		47.5		
27.50		61.6																		
24.00 24.00 24.00 24.00 25.0	27.2%	61.4		-0.1						-0.2%	27.2%					27.2%				0.2%
200.				-0.2				57.3					49.7							
10 10 10 10 10 10 10 10																				
22 Th. 613				-0.3		30.9%				0.0%	30.9%									0.2%
Sample S																				
340% 61 1 607 - 0.4 4 0.75	33.3%	61.2		-0.3	-0.5%		57.1	57.1	0.0			49.4	49.5				46.9	47.0		
56 56 56 56 56 56 57 56 57 57				-0.4																
370% 0.0 0.0 0.0 0.2 0.5% 370% 0.0				-0.3	-0.5%	35.8%	56.9				35.8%							46.8		
390% 60.7 C0.8 C0.1 C0.2 32.0 S0.7 C0.8 S0.8 C0.8 S0.7 C0.8 S0.8 C0.8 S0.8 C0.8 S0.8 C0.8 S0.8 C0.8 C0.8 C0.8 C0.8 C0.8 C0.8 C0.8 C				-0.2		37.0%					37.0%						46.8	46.8		
30 10 10 10 10 10 10 10	38.3%	60.8	60.6	-0.2	-0.3%	38.3%	56.9	56.9	0.0	0.0%	38.3%	49.2	49.2	0.0	0.0%	38.3%	46.8	46.8	0.0	0.0%
2.0% 0.05 0.05 0.07 0.07 0.07 0.07 0.07 0.07	39.5%	60.7	60.6	-0.1	-0.2%	39.5%	56.8	56.7	-0.1		39.5%	49.1	49.2	0.1	0.2%	39.5%	46.7	46.7	0.0	
400	40.7%	60.7	60.5	-0.2	-0.3%	40.7%	56.7	56.6	-0.1	-0.2%	40.7%	49.1	49.2	0.1	0.2%	40.7%	46.6	46.7	0.1	0.2%
44-0% 00.5 00.3 0.0.7 0.4 0.0.7 0.4 0.0.7 0.4 0.0.7 0.	42.0%			-0.1						0.0%	42.0%			0.1					0.0	0.0%
467% 605 602 -0.3 -0.07% 457% 554 554 564 0.0 0.0% 457% 468 460 0.1 0.0% 457% 46.3 -46.3 0.0 0.0% 457% 46.8 46.3 0.0 0.0% 457% 46.8 46.3 0.0 0.0% 457% 46.8 46.3 0.0 0.0% 457% 46.8 46.3 0.0 0.0% 457% 46.8 46.3 0.0 0.0% 457% 46.8 46.3 0.1 0.0% 457% 46.8 46.3 0.1 0.0% 45.8 46.8 46.3 0.1 0.0% 45.8 46.8 46.3 0.1 0.0% 45.8 46.8 46.3 0.1 0.0% 46.8 46.8 46.0 0.1 0.0% 46.8 46.8 46.0 0.1 0.0% 46.8 46.8 46.0 0.1 0.0% 46.8 46.8 46.0 0.1 0.0% 46.8 46.8 46.8 46.8 0.1 0.0% 46.8 46.8 46.8 46.8 46.8 0.1 0.0% 46.8 46.8 46.8 46.8 46.8 46.8 46.8 46.8		60.6	60.4		-0.3%	43.2%	56.5		0.0	0.0%		49.0	49.1	0.1	0.2%	43.2%				0.0%
49% 0.4 0.1 0.3 -0.7% 40.9% 56.3 56.3 0.0 0.0% 46.9% 46.8 0.1 0.2% 40.9% 40.2 40.2 0.0 0.0% 46.1% 46.8 0.3 0.1 0.2% 40.9% 40.2 40.2 0.0 0.0% 56.8 56.3 0.0 0.0% 46.1% 46.8 0.3 0.1 0.2% 56.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0				-0.2		44.4%				0.0%				0.2	0.4%	44.4%			-0.1	
48.1% 69.3 60.1 -0.2 -0.3% 48.1% 56.3 56.3 0.0 0.0% 48.1% 48.8 48.8 0.1 0.2% 48.1% 48.2 40.2 0.0 0.0% 56.3 0.0 0.0% 48.1% 48.8 48.8 0.1 0.2% 48.1% 48.2 40.2 0.0 0.0% 56.3 0.0 0.0% 56.3 0.0 0.0% 56.3 0.0 0.0% 56.3 0.0 0.0% 56.3 0.0 0.0% 56.3 0.0 0.0% 56.3 0.0 0.0% 56.3 0.0 0.0 0.0% 56.3 0.0 0.0 0.0% 56.3 0.0 0.0 0.0% 56.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0																				
49 (h 60.3 60.1 -0.2 -0.5 h 49 (h 60.3 60.3 60.3 60.5 h										0.0%										
50 m/s 60.0																				
\$19% \$0.2 \$0.0 \$0.2 \$0.3% \$1.9% \$6.1 \$5.2 \$0.1 \$0.2% \$1.9% \$4.7 \$4.9 \$0.2 \$0.4% \$5.19% \$4.61 \$4.1 \$0.0 \$0.0% \$0.5% \$1.9% \$4.8 \$1.9% \$4.8 \$1.00 \$0.0% \$1.0% \$		60.3		-0.2					0.0	0.0%		48.8		0.1	0.2%				0.0	0.0%
\$31% \$0.0 \$5.9 \$0.1 \$0.2% \$3.1% \$5.9 \$5.2 \$0.3 \$0.5% \$5.1% \$4.7 \$48.8 \$0.1 \$0.2% \$5.3.1% \$4.0 \$4.0 \$0.0 \$0.0% \$5.3.1% \$4.0 \$4.0 \$0.0 \$0.0% \$5.3.1% \$4.0 \$4.0 \$0.0 \$0.0 \$0.0 \$4.2 \$5.0 \$4.0 \$4.0 \$4.0 \$0.0 \$0.0 \$4.2 \$5.0 \$4.0 \$4.0 \$4.0 \$0.0 \$0.0 \$4.2 \$5.0 \$4.0 \$4.0 \$4.0 \$4.0 \$4.0 \$4.0 \$4.0 \$4																				
54.9% 59.9 59.9 0.0 0.0% 54.2% 55.9 59.2 0.3 0.5% 54.2% 46.0 48.8 0.2 0.4% 54.3% 46.0 48.8 0.2 0.0 0.0% 55.5% 48.8 48.8 48.7 48.9 48.8 48.8 48.8 48.8 48.8 48.8 48.8										0.2%						51.9%				
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$\begin{array}{cccccccccccccccccccccccccccccccccccc$											92.6%					92.6%		43.4		
96.3% 57.9 57.9 0.0 0.0% 96.3% 52.3 52.3 0.0 0.0% 96.3% 45.1 45.0 -0.1 -0.2% 96.3% 42.6 42.6 0.0 0.0% 97.5% 57.8 57.8 57.6 -0.2 -0.3% 97.5% 52.0 52.2 0.2 0.4% 97.5% 44.8 44.7 -0.1 -0.2% 97.5% 41.8 41.8 0.0 0.0% 98.8% 57.8 57.6 -0.2 -0.3% 98.8% 51.8 51.4 -0.4 -0.8% 98.8% 44.0 43.9 -0.1 -0.2% 98.8% 41.4 41.4 0.0 0.0%											93.8%								0.0	
97.5% 57.8 57.6 -0.2 -0.3% 97.5% 52.0 52.2 0.2 0.4% 97.5% 44.8 44.7 -0.1 -0.2% 97.5% 41.8 41.8 0.0 0.0% 98.8% 57.8 57.6 -0.2 -0.3% 98.8% 51.8 51.4 -0.4 -0.8% 98.8% 44.0 43.9 -0.1 -0.2% 98.8% 41.4 41.4 0.0 0.0%																				
98.8% 57.8 57.6 -0.2 -0.3% 98.8% 51.8 51.4 -0.4 -0.8% 98.8% 44.0 43.9 -0.1 -0.2% 98.8% 41.4 41.4 0.0 0.0%	96.3%			0.0	0.0%	96.3%	52.3	52.3		0.0%	96.3%	45.1	45.0	-0.1	-0.2%	96.3%		42.6	0.0	0.0%
100.0% 57.8 57.6 -0.2 -0.3% 100.0% 51.8 51.4 -0.4 -0.8% 100.0% 44.0 43.9 -0.1 -0.2% 100.0% 41.4 41.4 0.0 0.0%																				
	100.0%	57.8	57.6	-0.2	-0.3%	100.0%	51.8	51.4	-0.4	-0.8%	100.0%	44.0	43.9	-0.1	-0.2%	100.0%	41.4	41.4	0.0	0.0%

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

		February					March					April					May		
Percent	No Action Alternative	Alternative A	Absolute		Percent	No Action Alternative	Alternative A	Absolute		Percent	No Action Alternative	Alternative A	Absolute		Percent	No Action Alternative	Alternative A	Absolute	
Exceedance			Difference	Relative	Exceedance			Difference	Relative	Exceedance			- Difference	Relative	Exceedance			Difference	Relative
Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	53.8	53.9	0.1	0.2%	0.0%	60.8	61.1	0.3	0.5%	0.0%	65.1	65.3	0.2	0.3%	0.0%	74.1	73.9	-0.2	-0.3%
1.2%	53.4	53.4	0.0	0.0%	1.2%	59.2	59.2	0.0	0.0%	1.2%	64.7	64.9	0.2	0.3%	1.2%	71.8	71.8	0.0	0.0%
2.5%	53.3	53.4	0.1	0.2%	2.5%	58.7	58.6	-0.1	-0.2%	2.5%	64.7	64.6	-0.1	-0.2%	2.5%	70.3	70.2	-0.1	-0.1%
3.7%	53.2	53.4	0.2	0.4%	3.7%	58.6	58.6	0.0	0.0%	3.7%	64.6	64.5	-0.1	-0.2%	3.7%	70.0	70.1	0.1	0.1%
4.9%	53.1	53.3	0.2	0.4%	4.9%	58.4	58.4	0.0	0.0%	4.9%	64.6	64.1	-0.5	-0.8%	4.9%	69.2	69.2	0.0	0.0%
6.2%	52.7	52.9	0.2	0.4%	6.2%	58.4	58.2	-0.2	-0.3%	6.2%	63.7	64.0	0.3	0.5%	6.2%	69.0	69.0	0.0	0.0%
7.4%	52.5	52.2	-0.3	-0.6%	7.4%	58.0	58.1	0.1	0.2%	7.4%	63.4	63.1	-0.3	-0.5%	7.4%	68.3	68.8	0.5	0.7%
8.6%	51.9	51.9	0.0	0.0%	8.6%	57.5	57.9	0.4	0.7%	8.6%	63.3	63.0	-0.3	-0.5%	8.6%	68.2	68.0	-0.2	-0.3%
9.9%	51.8	51.9	0.1	0.2%	9.9%	57.1	57.2	0.1	0.2%	9.9%	62.7	62.9	0.2	0.3%	9.9%	68.2	67.6	-0.6	-0.9%
11.1%	51.7	51.7	0.0	0.0%	11.1%	56.9	56.9	0.0	0.0%	11.1%	62.5	62.5	0.0	0.0%	11.1%	67.9	67.6	-0.3	-0.4%
12.3%	51.5	51.6	0.1	0.2%	12.3%	56.4	56.4	0.0	0.0%	12.3%	62.4	62.4	0.0	0.0%	12.3%	67.5	67.0	-0.5	-0.7%
13.6%	51.4	51.3	-0.1	-0.2%	13.6%	56.1	56.1	0.0	0.0%	13.6%	62.3	62.4	0.1	0.2%	13.6%	67.2	67.0	-0.2	-0.3%
14.8%	51.3	51.0	-0.3	-0.6%	14.8%	56.0	56.1	0.1	0.2%	14.8%	62.2	62.3	0.1	0.2%	14.8%	67.1	66.6	-0.5	-0.7%
16.0%	50.8	50.9	0.1	0.2%	16.0%	55.9	55.9	0.0	0.0%	16.0%	62.0	62.2	0.2	0.3%	16.0%	66.8	66.5	-0.3	-0.4%
17.3%	50.7	50.7	0.0	0.0%	17.3%	55.8	55.8	0.0	0.0%	17.3%	61.7	61.6	-0.1	-0.2%	17.3%	66.5	66.5	0.0	0.0%
18.5%	50.6	50.6	0.0	0.0%	18.5%	55.7	55.7	0.0	0.0%	18.5%	61.6	61.5	-0.1	-0.2%	18.5%	66.5	66.5	0.0	0.0%
19.8%	50.6	50.6	0.0	0.0%	19.8%	55.4	55.5	0.0	0.2%	19.8%	61.4	61.5	0.1	0.2%	19.8%	66.4	66.3	-0.1	-0.2%
21.0%	50.3	50.3	0.0	0.0%	21.0%	55.4	55.5	0.1	0.2%	21.0%	61.2	61.2	0.0	0.0%	21.0%	66.4	66.2	-0.1	-0.3%
22.2%	50.3	50.1	-0.2	-0.4%	22.2%	55.4	55.5	0.1	0.2%	22.2%	61.2	61.2	0.0	0.0%	22.2%	66.2	66.1	-0.2	-0.2%
							55.4												
23.5%	50.1	50.1	0.0	0.0%	23.5%	55.4		0.0	0.0%	23.5%	61.1	61.2	0.1	0.2%	23.5%	66.2	66.1	-0.1	-0.2%
24.7%	50.0	50.1	0.1	0.2%	24.7%	55.2	55.4	0.2	0.4%	24.7%	61.1	61.1	0.0	0.0%	24.7%	66.0	65.9	-0.1	-0.2%
25.9%	50.0	50.1	0.1	0.2%	25.9%	55.1	55.3	0.2	0.4%	25.9%	61.1	60.9	-0.2	-0.3%	25.9%	65.9	65.9	0.0	0.0%
27.2%	49.9	50.0	0.1	0.2%	27.2%	55.1	55.1	0.0	0.0%	27.2%	60.9	60.8	-0.1	-0.2%	27.2%	65.9	65.9	0.0	0.0%
28.4%	49.8	49.8	0.0	0.0%	28.4%	55.0	55.1	0.1	0.2%	28.4%	60.7	60.8	0.1	0.2%	28.4%	65.8	65.8	0.0	0.0%
29.6%	49.7	49.8	0.1	0.2%	29.6%	55.0	55.0	0.0	0.0%	29.6%	60.3	60.8	0.5	0.8%	29.6%	65.8	65.6	-0.2	-0.3%
30.9%	49.6	49.4	-0.2	-0.4%	30.9%	54.7	54.9	0.2	0.4%	30.9%	60.2	60.3	0.1	0.2%	30.9%	65.7	65.5	-0.2	-0.3%
32.1%	49.6	49.4	-0.2	-0.4%	32.1%	54.7	54.8	0.1	0.2%	32.1%	60.2	60.3	0.1	0.2%	32.1%	65.6	65.3	-0.3	-0.5%
33.3%	49.4	49.4	0.0	0.0%	33.3%	54.7	54.7	0.0	0.0%	33.3%	59.9	59.9	0.0	0.0%	33.3%	65.4	65.3	-0.1	-0.2%
34.6%	49.4	49.3	-0.1	-0.2%	34.6%	54.7	54.7	0.0	0.0%	34.6%	59.8	59.8	0.0	0.0%	34.6%	65.3	65.2	-0.1	-0.2%
35.8%	49.3	49.3	0.0	0.0%	35.8%	54.7	54.7	0.0	0.0%	35.8%	59.7	59.7	0.0	0.0%	35.8%	64.9	64.9	0.0	0.0%
37.0%	49.3	49.2	-0.1	-0.2%	37.0%	54.6	54.7	0.1	0.2%	37.0%	59.6	59.6	0.0	0.0%	37.0%	64.7	64.8	0.1	0.2%
38.3%	49.2	49.1	-0.1	-0.2%	38.3%	54.6	54.6	0.0	0.0%	38.3%	59.6	59.5	-0.1	-0.2%	38.3%	64.6	64.4	-0.2	-0.3%
39.5%	49.1	49.1	0.0	0.0%	39.5%	54.6	54.6	0.0	0.0%	39.5%	59.5	59.3	-0.2	-0.3%	39.5%	64.4	64.4	0.0	0.0%
40.7%	49.1	49.1	0.0	0.0%	40.7%	54.5	54.5	0.0	0.0%	40.7%	59.3	59.2	-0.1	-0.2%	40.7%	64.1	64.3	0.2	0.3%
42.0%	49.1	49.1	0.0	0.0%	42.0%	54.4	54.5	0.0	0.2%	42.0%	59.2	59.1	-0.1	-0.2%	42.0%	64.0	64.0	0.2	0.0%
43.2%	49.0	49.0	0.0	0.0%	43.2%	54.3	54.4	0.1	0.2%	43.2%	59.1	59.1	0.0	0.0%	43.2%	63.8	63.8	0.0	0.0%
44.4%	48.8	48.9	0.1	0.2%	44.4%	54.0	54.0	0.0	0.0%	44.4%	59.1	58.9	-0.2	-0.3%	44.4%	63.8	63.8	0.0	0.0%
	48.8						53.9			45.7%								0.0	
45.7%		48.9	0.1	0.2%	45.7%	54.0		-0.1	-0.2%	45.7%	59.0	58.9	-0.1	-0.2%	45.7%	63.7	63.7		0.0%
46.9%	48.7	48.8	0.1	0.2%	46.9%	53.9	53.9	0.0	0.0%	46.9%	58.9	58.8	-0.1	-0.2%	46.9%	63.6	63.6	0.0	0.0%
48.1%	48.7	48.8	0.1	0.2%	48.1%	53.9	53.9	0.0	0.0%	48.1%	58.8	58.8	0.0	0.0%	48.1%	63.4	63.3	-0.1	-0.2%
49.4%	48.6	48.7	0.1	0.2%	49.4%	53.7	53.9	0.2	0.4%	49.4%	58.8	58.7	-0.1	-0.2%	49.4%	63.3	63.1	-0.2	-0.3%
50.6%	48.6	48.5	-0.1	-0.2%	50.6%	53.7	53.7	0.0	0.0%	50.6%	58.7	58.6	-0.1	-0.2%	50.6%	62.6	62.7	0.1	0.2%
51.9%	48.5	48.5	0.0	0.0%	51.9%	53.7	53.7	0.0	0.0%	51.9%	58.6	58.6	0.0	0.0%	51.9%	62.6	62.6	0.0	0.0%
53.1%	48.4	48.4	0.0	0.0%	53.1%	53.5	53.6	0.1	0.2%	53.1%	58.5	58.5	0.0	0.0%	53.1%	62.6	62.6	0.0	0.0%
54.3%	48.4	48.3	-0.1	-0.2%	54.3%	53.3	53.4	0.1	0.2%	54.3%	58.4	58.4	0.0	0.0%	54.3%	62.6	62.6	0.0	0.0%
55.6%	48.3	48.3	0.0	0.0%	55.6%	53.3	53.4	0.1	0.2%	55.6%	58.3	58.3	0.0	0.0%	55.6%	62.6	62.6	0.0	0.0%
56.8%	48.3	48.2	-0.1	-0.2%	56.8%	53.2	53.3	0.1	0.2%	56.8%	58.1	58.2	0.1	0.2%	56.8%	62.5	62.5	0.0	0.0%
58.0%	48.3	48.2	-0.1	-0.2%	58.0%	53.2	53.2	0.0	0.0%	58.0%	58.1	58.1	0.0	0.0%	58.0%	62.1	62.1	0.0	0.0%
59.3%	48.2	48.2	0.0	0.0%	59.3%	53.0	53.0	0.0	0.0%	59.3%	58.0	58.0	0.0	0.0%	59.3%	62.1	62.0	-0.1	-0.2%
60.5%	48.2	48.2	0.0	0.0%	60.5%	52.7	52.8	0.1	0.2%	60.5%	57.9	57.9	0.0	0.0%	60.5%	62.0	62.0	0.0	0.0%
61.7%	48.2	48.1	-0.1	-0.2%	61.7%	52.6	52.7	0.1	0.2%	61.7%	57.7	57.7	0.0	0.0%	61.7%	62.0	61.9	-0.1	-0.2%
63.0%	48.1	48.0	-0.1	-0.2%	63.0%	52.6	52.6	0.0	0.0%	63.0%	57.7	57.7	0.0	0.0%	63.0%	61.9	61.8	-0.1	-0.2%
64.2%	48.1	48.0	-0.1	-0.2%	64.2%	52.6	52.6	0.0	0.0%	64.2%	57.7	57.7	0.0	0.0%	64.2%	61.8	61.8	0.0	0.0%
65.4%	48.0	48.0	0.0	0.0%	65.4%	52.5	52.6	0.1	0.2%	65.4%	57.2	57.2	0.0	0.0%	65.4%	61.8	61.8	0.0	0.0%
66.7%	48.0	48.0	0.0	0.0%	66.7%	52.5	52.5	0.0	0.0%	66.7%	57.1	57.1	0.0	0.0%	66.7%	61.8	61.8	0.0	0.0%
67.9%	48.0	48.0	0.0	0.0%	67.9%	52.5 52.5	52.5	0.0	0.0%	67.9%	57.1	57.1	0.0	0.0%	67.9%	61.5	61.5	0.0	0.0%
69.1%	48.0	48.0	0.0	0.0%	69.1%	52.4	52.4	0.0	0.0%	69.1%	57.1	56.8	-0.3	-0.5%	69.1%	61.5	61.5	0.0	0.0%
70.4%	48.0	47.9	-0.1	-0.2%	70.4%	52.4 52.4	52.4	0.0	0.0%	70.4%	56.8	56.8	0.0	0.0%	70.4%	61.2	61.2	0.0	0.0%
71.6%	46.0	47.8	-0.1	-0.2%	70.4%	52.4	52.3	-0.1	-0.2%	70.4%	56.8	56.7	-0.1	-0.2%	70.4%	61.1	61.1	0.0	0.0%
71.6%	47.9 47.8	47.8 47.7	-0.1	-0.2%	71.6%	52.4 52.3	52.3 52.3	-0.1	-0.2%	71.6%	56.8 56.6	56.6	-0.1	-0.2%	71.6%	61.1	61.1	0.0	0.0%
74.1%	47.6	47.7	0.0	0.2%	74.1%	52.3	52.3	0.0	0.0%	72.6%	56.5	56.5	0.0	0.0%	74.1%	61.0	61.0	0.0	0.0%
75.3%	47.7	47.6	-0.1	-0.2%	75.3%	51.9	51.9	0.0	0.0%	75.3%	56.4	56.4	0.0	0.0%	75.3%	61.0	61.0	0.0	0.0%
76.5%	47.6	47.6	0.0	0.0%	76.5%	51.8	51.9	0.1	0.2%	76.5%	56.4	56.4	0.0	0.0%	76.5%	60.9	60.9	0.0	0.0%
77.8%	47.6	47.5	-0.1	-0.2%	77.8%	51.8	51.8	0.0	0.0%	77.8%	56.3	56.4	0.1	0.2%	77.8%	60.8	60.8	0.0	0.0%
79.0%	47.5	47.5	0.0	0.0%	79.0%	51.7	51.7	0.0	0.0%	79.0%	56.1	56.3	0.2	0.4%	79.0%	60.7	60.8	0.1	0.2%
80.2%	47.5	47.4	-0.1	-0.2%	80.2%	51.7	51.7	0.0	0.0%	80.2%	56.1	56.1	0.0	0.0%	80.2%	60.5	60.5	0.0	0.0%
81.5%	47.4	47.4	0.0	0.0%	81.5%	51.7	51.7	0.0	0.0%	81.5%	55.8	56.0	0.2	0.4%	81.5%	60.2	60.2	0.0	0.0%
82.7%	47.4	47.3	-0.1	-0.2%	82.7%	51.7	51.7	0.0	0.0%	82.7%	55.7	55.8	0.1	0.2%	82.7%	60.2	60.2	0.0	0.0%
84.0%	47.4	47.3	-0.1	-0.2%	84.0%	51.7	51.7	0.0	0.0%	84.0%	55.7	55.7	0.0	0.0%	84.0%	60.1	60.1	0.0	0.0%
85.2%	47.3	47.2	-0.1	-0.2%	85.2%	51.6	51.6	0.0	0.0%	85.2%	55.6	55.6	0.0	0.0%	85.2%	60.1	60.1	0.0	0.0%
86.4%	47.1	47.0	-0.1	-0.2%	86.4%	51.6	51.6	0.0	0.0%	86.4%	55.5	55.5	0.0	0.0%	86.4%	59.9	59.9	0.0	0.0%
87.7%	46.9	46.9	0.0	0.0%	87.7%	51.6	51.6	0.0	0.0%	87.7%	55.5	55.5	0.0	0.0%	87.7%	59.7	59.7	0.0	0.0%
88.9%	46.9	46.7	-0.2	-0.4%	88.9%	51.5	51.5	0.0	0.0%	88.9%	55.4	55.4	0.0	0.0%	88.9%	59.6	59.6	0.0	0.0%
90.1%	46.7	46.6	-0.1	-0.2%	90.1%	51.5	51.5	0.0	0.0%	90.1%	55.4	55.4	0.0	0.0%	90.1%	59.6	59.6	0.0	0.0%
91.4%	46.6	46.6	0.0	0.0%	91.4%	51.4	51.4	0.0	0.0%	91.4%	55.3	55.3	0.0	0.0%	91.4%	59.6	59.6	0.0	0.0%
92.6%	46.4	46.4	0.0	0.0%	92.6%	51.4	51.4	0.0	0.0%	92.6%	55.2	55.1	-0.1	-0.2%	92.6%	59.5	59.5	0.0	0.0%
93.8%	46.1	46.2	0.0	0.2%	93.8%	51.3	51.3	0.0	0.0%	93.8%	54.8	54.8	0.0	0.0%	93.8%	59.5	59.5	0.0	0.0%
93.8%	46.1 46.0	46.2 46.1	0.1	0.2%	93.8%	51.1 51.0	51.2 51.0	0.1	0.2%	93.8%	54.8 54.7	54.8 54.7	0.0	0.0%	93.8%	59.2 59.1	59.2 59.1	0.0	0.0%
96.3%	46.0	46.0	0.0	0.0%	96.3%	50.9	50.9	0.0	0.0%	96.3%	54.3	54.3	0.0	0.0%	96.3%	58.9	58.9	0.0	0.0%
97.5%	45.7	45.7	0.0	0.0%	97.5%	50.5	50.5	0.0	0.0%	97.5%	54.1	54.1	0.0	0.0%	97.5%	58.7	58.7	0.0	0.0%
98.8%	45.0	45.0	0.0	0.0%	98.8%	50.5	50.5	0.0	0.0%	98.8%	52.5	52.5	0.0	0.0%	98.8%	58.6	58.6	0.0	0.0%
100.0%	45.0	45.0	0.0	0.0%	100.0%	50.5	50.5	0.0	0.0%	100.0%	52.5	52.5	0.0	0.0%	100.0%	58.6	58.6	0.0	0.0%

Table SQ-20-3b

American River at the Mouth, Monthly Temperature
Probability of Exceedance

August

September

	Percent		June			Percent		,			Percent		August			Percent				
		No Action Alternative	Alternative A	Absolute	Relative		No Action Alternative	Alternative A	Absolute	Relative		No Action Alternative	Alternative A	Absolute	Relative		No Action Alternative	Alternative A	Absolute	Relative
March Marc	Probability	Monthly Temperature	Monthly Temperature		Difference (%)	Probability	Monthly Temperature	Monthly Temperature		Difference (%)	Probability	Monthly Temperature	Monthly Temperature		Difference (%)	Probability	Monthly Temperature	Monthly Temperature		Difference (%)
1	(%)	(DEG-F)	(DEG-F)																	
200 710	0.0%			-0.1		0.0%				-3.1%	0.0%					0.0%				0.0%
2-10 2-10				-0.7			77.5			-3.7%		74.7								-1.0%
Column			72.8			2.5%					2.5%					2.5%			-0.8	-1.1%
Section Property	3.7%	73.1				3.7%													-0.5	-0.7%
The Tright Trig																				-0.4%
Section Column																				-0.3%
25																				-0.1%
14.5 72.1 72.1 24.1 24.5 24.5 11.5 72.1 72.2 24.1 24.5	8.6%	72.6	72.1	-0.5		8.6%	72.7			0.0%	8.6%	73.5			-0.7%				-0.2	-0.3%
1.25					-0.1%		72.2					73.0								0.0%
150 77	11.1%	72.2	72.1	-0.1	-0.1%	11.1%	72.1	72.0	-0.1	-0.1%	11.1%	73.0	72.5	-0.5	-0.7%	11.1%	69.7	69.8	0.1	0.1%
140, 710 772 0.2 0.35	12.3%	72.1	72.0	-0.1		12.3%			0.0		12.3%	72.9	72.4							0.1%
Mar. 110 717 4.32 4.36 4.66 718	13.6%	72.0	71.8	-0.2	-0.3%	13.6%	71.8	71.9	0.1	0.1%	13.6%	72.5	72.3	-0.2	-0.3%	13.6%	69.6	69.6	0.0	0.0%
1500 713 717 6.3 6.5 6.5 6.5 6.5 718	14.8%	71.9	71.7		-0.3%	14.8%	71.8	71.8	0.0	0.0%					-0.7%	14.8%	69.5	69.5	0.0	0.0%
17.50	16.0%	71.9	71.7		-0.3%	16.0%	71.6	71.8	0.2				71.8		-0.6%	16.0%	69.1	69.4	0.3	0.4%
March 175 171 44 456 457 471 476 672 673 675											17.3%									0.0%
18th 713 710 0.3 0.45 0.35 717 715 0.3 0.25 0.35		71.5	71.1	-0.4	-0.6%		71.4	71.6	0.2			72.2			-0.8%	18.5%	69.0	69.0		0.0%
1																				-0.1%
22.00 76.5	21.0%	70.9	70.7		-0.3%	21.0%	71.1	71.3	0.2		21.0%	72.0	71.4	-0.6	-0.8%	21.0%	69.0	68.9	-0.1	-0.1%
2.00, 71																				-0.1%
24.76																				0.1%
250.00 70.0 70.1 70.1 70.0											24.7%									0.0%
27.5																			-0.3	-0.4%
26.00	27 20/			0.1						0.476	27 20/				-1.170	27 29/			-0.3	-0.4%
2670																		68.4	-0.3	-0.4%
30 60 30 60 60 60 60 60																				-0.3%
22 11. 62 3 624 61 1 01. 62 70 2 70 2 70 2 70 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0				0.2		29.0%				0.69/	29.0%				-1.3%				-0.2	-0.3%
3370, 693																				-0.3%
340																			-0.2	-0.3%
Series S				0.1																
370% 693 003 000 00% 370% 693 722 0.4 0.0% 370% 71.0 70.4 0.5 370% 71.0 70.4 0.5 0.0 0.77 0.3 -4 3 -5 3 -5 3 -5 3 -5 4 4 5 -5 4																				-0.3%
1837						35.8%			0.5		35.8%									-0.3%
320% 627 600 0.3 0.4% 320% 627 702 05 0.7% 703 024 0.0% 320% 673 0.44 0.0% 320% 673 0.44 0.0% 320% 673 0.44 0.0% 320% 674 0.31 0.2% 674 0.31 0.2% 674 0.31 0.2% 674 0.31 0.2% 674 0.31 0.2% 674 0.31 0.2% 674 0.31 0.2% 675 0.44 0.2% 685 0.89 0.30 0.4% 685 0.30 0.4% 68																				-0.4%
407% 686 689 03 04% 407% 695 702 07 10% 607% 705 703 42 30% 607% 677 678 675 43 42 42 42 42 42 42 42 42 42 42 42 42 42				0.1						0.7%	38.3%	70.9	70.3	-0.6		38.3%			-0.5	-0.7%
42.7% 68.6 68.9 0.3 0.5% 42.7% 69.4 70.1 0.7 1.0% 42.5% 70.1 70.2 0.1 0.1% 42.5% 67.7 67.4 0.3 4.4.5% 70.1 0.2 0.1% 42.5% 70.1 70.2 0.1 0.1% 42.5% 67.7 67.4 0.3 4.4.5% 70.1 0.2 0.1% 42.5% 70.1 70.2 0.1 0.1% 42.5% 67.4 67.3 0.2 0.2 0.3 4.5% 68.6 0.3 70.1 0.8 1.2% 42.5% 70.0 70.1 0.1 0.1% 42.5% 67.6 67.4 67.3 0.1 0.2 0.1 0.1% 42.5% 67.6 67.4 67.3 0.2 0.1 0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1																				-0.6%
4.27% 68.6 68.7 0.1 0.1% 4.27% 68.4 770.1 0.7 1.0% 4.27% 770.0 771 772 0.1 0.1% 4.37% 67.8 0.7.4 0.2 1.4 0.2 1.2 0.3 1				0.3					0.7	1.0%	40.7%	70.5		-0.2				67.5	-0.3	-0.4%
44-90 683 687 04 0.07% 44-90 683 70-1 08 12% 44-90 675 07-1 0.0 0.0% 44-90 675 07-1 0.1 0.4 0.0 0.0% 44-90 675 07-1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.	42.0%			0.3						1.0%	42.0%			0.1	0.1%			67.4	-0.3	-0.4%
487% 681 988 05 0.7% 46.7% 683 701 08 1.2% 46.7% 983 701 01 01 01% 46.7% 67.4 67.3 0.1 4 48.4% 680 681 01 0.1% 46.7% 67.3 0.1 4 48.4% 680 70 0.1 1.0 1.1% 46.7% 67.3 0.1 4 48.4% 680 70 0.1 1.0 1.1% 46.7% 67.3 0.1 4 48.4% 680 70 0.1 1.0 1.1% 46.4% 67.3 0.1 4 48.4% 680 70 0.1 1.0 1.1% 46.4% 67.3																43.2%			-0.2	-0.3%
4.9% 63.1 68.2 0.1 0.1% 68.9% 60.3 70.1 0.8 1.2% 48.9% 70.0 70.1 0.1 0.1% 64.9% 67.3 67.3 0.0 0.1 6.8 1.2% 67.6 60.3 70.0 0.1 0.1% 64.9% 67.2 67.2 0.0 0.1 6.8 1.2% 67.6 67.0 0.1 0.1% 64.9% 67.2 67.2 0.0 0.1 6.8 1.2% 67.2 67.2 0.0 0.1 6.8 1.2% 67.2 67.2 0.0 0.1 0.1% 64.9% 67.2 67.2 67.2 0.0 0.1 0.1% 64.9% 67.2 67.2 67.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0				0.4		44.4%			0.8	1.2%	44.4%			0.0		44.4%			-0.1	-0.1%
48/5 60 68 0.1 0.1% 48/1% 60.1 70.1 1.0 1.4% 48/1% 69.2 70.0 0.3 0.4% 48/1% 67.2 67.2 0.0 0.4% 48/1% 67.2 0.0 0.4% 48/1% 67.2 0.0 0.4% 48/1% 67.2 0.0 0.4% 48/1% 67.2 0.0 0.4% 48/1% 67.2 0.0 0.4% 48/1% 67.2 0.0 0.4% 48/1% 67.2 0.0 0.4% 48/1% 68/1%																				-0.1%
49-% 67-9 681 0.2 0.3% 49-% 69.0 70.0 1.0 1.4% 49-% 69.7 70.0 0.3 0.4% 49-% 67.1 67.2 0.1 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1												70.0								0.0%
50% 678 680 0.2 0.3% 50% 68.9 70.0 1.1 1.1% 50% 69.7 69.7 0.0 0.0% 50.9% 67.1 67.0 0.1 1.1% 51.9% 68.9 68.9 0.1 1.1% 51.9% 68.9 68.0 0.1 1.1% 51.9% 68.9 68.0 0.1 1.1% 51.9% 68.0 68.0 0.1 1.1% 51.9%	48.1%	68.0	68.1	0.1	0.1%	48.1%	69.1	70.1	1.0	1.4%	48.1%	69.9	70.0	0.1	0.1%	48.1%	67.2	67.2	0.0	0.0%
519% 678 679 01 01 01% 519% 683 683 683 10 119% 519% 692 00 119% 519% 693 00 119% 531% 697 00 00% 519% 570 663 0.1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				0.2					1.0	1.4%		69.7	70.0	0.3			67.1		0.1	0.1%
\$3.3%	50.6%	67.8	68.0	0.2	0.3%	50.6%	68.9	70.0	1.1	1.6%	50.6%	69.7	69.7	0.0	0.0%	50.6%	67.1	67.0	-0.1	-0.1%
\$3.1% 67.7 67.9 0.2 0.3% 53.1% 68.9 68.8 0.3 1.3% 53.1% 68.7 68.7 0.0 0.0% 54.5% 67.0 68.9 0.1 0.1 0.5% 54.5% 68.6 0.3 0.0 0.0 0.0% 54.5% 67.0 68.9 0.1 0.1 0.5% 54.5% 68.6 0.3 0.0 0.0 0.0% 54.5% 67.0 68.9 0.1 0.0 0.0% 54.5% 67.0 68.9 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	51.9%	67.8	67.9	0.1	0.1%	51.9%	68.9	69.9	1.0	1.5%	51.9%	69.7	69.7	0.0	0.0%	51.9%	67.0	66.9	-0.1	-0.1%
55.6% 67.3 67.6 0.3 0.4% 55.6% 68.8 69.8 1.0 1.5% 55.6% 66.6 66.5 0.1 0.1% 55.6% 66.0 66.0 0.1 0.1% 55.6% 66.0 66.0 0.1 0.1% 55.6% 66.0 66.0 0.1 0.1% 55.6% 66.0 66.0 0.1 0.1% 55.6% 66.0 66.0 0.1 0.1% 55.6% 66.0 66.0 0.1 0.1% 55.6% 66.0 66.0 0.1 0.1% 55.6% 66.0 66.0 0.1 0.1% 55.6% 66.0 66.0 0.1 0.1% 55.6% 66.0 66.0 0.1 0.1% 55.6% 66.0 66.0 0.1 0.1% 55.6% 66.0 66.0 0.1 0.1% 55.6% 66.0 66.0 0.1 0.1% 55.6% 66.0 66.0 0.1 0.1% 55.6% 66.0 66.0 0.1 0.1% 55.6% 66.0 66.0 0.1 0.1% 55.6% 66.0 66.0 0.1 0.1% 55.6% 66.0 0.1 0.1% 55.6% 66.0 0.1 0.1% 55.6% 66.0 66.0 0.1 0.1% 55.6% 66.0 66.0 0.1 0.1% 55.6% 66.0 66.0 0.1 0.1% 55.6% 66.0 66.0 0.1 0.1% 55.6% 66.0 66.0 0.1 0.1% 55.6% 66.0 66.0 0.1 0.1% 55.6% 66.0 66.0 0.1 0.1% 55.6% 66.0 66.0 0.1 0.1% 55.6% 66.0 66.0 0.1 0.1% 55.6% 66.0 66.0 0.1 0.1% 55.6% 56.0% 66.0 0.1 0.1% 55.6% 56.0% 66.0 0.1 0.1% 55.6% 56.0% 66.0 0.1 0.1% 55.6% 56.0% 66.0 0.1 0.1% 55.6% 56.0% 66.0 0.1 0.1% 55.6% 56.0% 66.0 0.1 0.1% 55.6% 56.0% 66.0 0.1 0.1% 55.6% 56.0% 66.0 0.1 0.1% 55.6% 56.0% 66.0 0.1 0.1% 55.6% 56.0% 66.0 0.1 0.1% 55.6% 56.0% 66.0 0.1 0.1% 55.6% 56.0% 66.0 0.1 0.1% 55.6% 56.0% 66.0 0.1 0.1% 55.6% 56.0% 66.0 0.1 0.1% 55.6% 56.0% 56	53.1%			0.2	0.3%	53.1%			0.9	1.3%	53.1%			0.0		53.1%			-0.1	-0.1%
58.0% 67.3 67.5 0.2 0.3% 58.0% 68.7 69.8 1.1 1.0% 56.0% 69.6 69.5 -0.1 -0.1% 56.0% 69.9 69.8 -0.1 -0.1% 56.0% 69.9 69.9 69.9 69.9 69.9 69.9 69.9 69.	54.3%	67.4	67.8		0.6%		68.8	69.8	1.0	1.5%		69.6	69.6	0.0	0.0%	54.3%	67.0	66.9		-0.1%
S8.0% 67.2 67.4 0.2 0.3% 58.0% 68.7 69.7 1.0 1.5% 58.0% 69.5 69.4 0.1 0.1% 58.0% 69.6 66.8 0.1 0.1% 69.7 69.6 0.9 1.3% 69.7 69.6 0.9 1.3% 69.7 69.6 0.9 1.3% 69.7 69.6 0.9 1.3% 69.7 69.6 0.9 1.3% 69.7 69.6 0.9 1.3% 69.7 69.6 0.9 1.3% 69.7 69.6 0.9 1.3% 69.7 69.6 0.9 1.3% 69.7 69.6 69.6 0.9 1.3% 69.7 69.6 69.6 0.9 1.3% 69.7 69.6 69.6 0.9 1.3% 69.7 69.6 69.6 0.9 1.3% 69.7 69.6 69.7 69.6 69.7 69.6 69.7 69.6 69.7 69.6 69.7	55.6%	67.3	67.6	0.3	0.4%	55.6%	68.8	69.8	1.0	1.5%	55.6%	69.6	69.5	-0.1	-0.1%	55.6%	66.9	66.9	0.0	0.0%
93.9% 67.2 67.3 0.1 0.1% 59.3% 68.7 69.6 0.9 1.3% 59.3% 69.4 69.4 0.0 0.0% 59.3% 68.8 66.7 0.1 0.0% 59.3% 68.8 66.7 0.1 0.0% 68.8 67.8 69.6 0.9 1.3% 69.5% 68.8 67.4 0.1 0.0% 59.3% 68.8 68.7 0.1 0.0% 59.3% 68.8 68.7 0.1 0.0% 59.3% 68.8 68.7 0.1 0.0% 59.3% 68.8 68.7 0.1 0.0% 59.3% 68.8 68.7 0.1 0.0% 59.3% 69.4 0.0 0.0% 59.3% 69.4 0.0 0.0% 59.3% 69.4 0.0 0.0% 59.3% 69.4 0.0 0.0% 59.3% 69.4 0.0 0.0% 59.3% 69.4 0.0 0.0% 59.3% 69.4 0.0 0.0% 59.3% 69.4 0.0 0.0% 59.3% 69.4 0.0 0.0% 59.3% 69.4 0.0 0.0% 59.3% 69.4 0.0 0.0% 59.3% 69.4 0.0 0.0% 59.3% 69.4 0.0 0.0% 59.3% 69.4 0.0 0.0 0.0% 59.3% 69.4 0.0 0.0 0.0% 59.3% 69.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	56.8%	67.3	67.5	0.2	0.3%	56.8%	68.7	69.8	1.1	1.6%	56.8%	69.6	69.5	-0.1	-0.1%	56.8%	66.9	66.8	-0.1	-0.1%
93.9% 67.2 67.3 0.1 0.1% 59.3% 68.7 69.6 0.9 1.3% 59.3% 69.4 69.4 0.0 0.0% 59.3% 68.8 66.7 0.1 0.0% 59.3% 68.8 66.7 0.1 0.0% 68.8 67.8 69.6 0.9 1.3% 69.5% 68.8 67.4 0.1 0.0% 59.3% 68.8 68.7 0.1 0.0% 59.3% 68.8 68.7 0.1 0.0% 59.3% 68.8 68.7 0.1 0.0% 59.3% 68.8 68.7 0.1 0.0% 59.3% 68.8 68.7 0.1 0.0% 59.3% 69.4 0.0 0.0% 59.3% 69.4 0.0 0.0% 59.3% 69.4 0.0 0.0% 59.3% 69.4 0.0 0.0% 59.3% 69.4 0.0 0.0% 59.3% 69.4 0.0 0.0% 59.3% 69.4 0.0 0.0% 59.3% 69.4 0.0 0.0% 59.3% 69.4 0.0 0.0% 59.3% 69.4 0.0 0.0% 59.3% 69.4 0.0 0.0% 59.3% 69.4 0.0 0.0% 59.3% 69.4 0.0 0.0% 59.3% 69.4 0.0 0.0 0.0% 59.3% 69.4 0.0 0.0 0.0% 59.3% 69.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	58.0%	67.2	67.4	0.2	0.3%	58.0%	68.7	69.7	1.0	1.5%	58.0%	69.5	69.4	-0.1	-0.1%	58.0%	66.9	66.8	-0.1	-0.1%
61.7% 66.6 67.2 0.6 0.9% 61.7% 68.6 69.6 1.0 1.5% 61.7% 69.4 69.3 -0.1 -0.1% 61.7% 68.8 66.6 -0.2 -1.6% 68.4 66.4 0.0 0.0% 62.0% 68.8 69.5 0.9 1.3% 63.0% 66.7 66.6 -0.1 -1.6% 62.4% 68.4 66.4 0.0 0.0% 62.5% 68.8 69.4 0.8 1.2% 62.4% 69.4 69.2 -0.2 -0.5% 62.5% 62.7 66.6 -0.1 -1.6% 62.4% 69.3 69.2 -0.1 -0.1% 62.4% 69.3 69.2 -0.1 -0.5% 62.4% 69.3 69.2 -0.1 -0.1% 62.4% 69.3 69.2 -0.1 -0.5% 62.4% 69.3 69.2 -0.1 -0.1% 62.4% 69.2 -0.1%	59.3%		67.3	0.1		59.3%		69.6	0.9		59.3%		69.4			59.3%		66.7	-0.1	-0.1%
61.7% 66.6 67.2 0.6 0.9% 61.7% 68.6 69.6 1.0 1.5% 61.7% 69.4 69.3 -0.1 -0.1% 61.7% 68.8 66.6 -0.2 -1.6% 68.4 66.4 0.0 0.0% 62.0% 68.8 69.5 0.9 1.3% 63.0% 66.7 66.6 -0.1 -1.6% 62.4% 68.4 66.4 0.0 0.0% 62.5% 68.8 69.4 0.8 1.2% 62.4% 69.4 69.2 -0.2 -0.5% 62.5% 62.7 66.6 -0.1 -1.6% 62.4% 69.3 69.2 -0.1 -0.1% 62.4% 69.3 69.2 -0.1 -0.5% 62.4% 69.3 69.2 -0.1 -0.1% 62.4% 69.3 69.2 -0.1 -0.5% 62.4% 69.3 69.2 -0.1 -0.1% 62.4% 69.2 -0.1%	60.5%	66.7	67.3	0.6	0.9%	60.5%	68.7	69.6	0.9	1.3%	60.5%	69.4	69.3	-0.1	-0.1%	60.5%	66.8	66.7	-0.1	-0.1%
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																				0.2%
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Table SQ-33-3a Trinity River below Lewiston Dam, Monthly Temperature Long-term Average and Average by Water Year Type

					Mon	thly Temp	erature (DE	G-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Loi	ng-term							
Full Simulation Period ¹												
No Action Alternative	49.4	44.7	40.0	39.4	42.7	47.0	50.2	46.6	50.9	51.3	51.7	50.7
Alternative A	49.2	44.6	40.1	39.6	42.7	46.9	50.1	46.6	50.9	51.3	51.4	50.4
Difference	-0.2	-0.1	0.1	0.2	0.0	-0.2	-0.1	0.0	0.0	-0.1	-0.2	-0.3
Percent Difference ³	-0.4%	-0.2%	0.2%	0.6%	0.0%	-0.4%	-0.2%	-0.1%	0.0%	-0.1%	-0.5%	-0.69
				Water Y	ear Types	1						
Wet (32%)												
No Action Alternative	47.0	44.6	41.5	40.6	43.0	45.9	49.1	45.8	48.3	50.8	51.6	48.6
Alternative A	47.1	44.6	41.6	40.7	43.0	45.7	49.0	45.8	48.3	50.8	51.3	48.9
Difference	0.2	0.0	0.1	0.2	-0.1	-0.2	-0.1	0.0	0.0	0.0	-0.3	0.3
Percent Difference	0.3%	-0.1%	0.3%	0.4%	-0.2%	-0.5%	-0.2%	0.0%	0.0%	0.0%	-0.6%	0.69
Above Normal (15%)												
No Action Alternative	48.2	43.3	40.2	38.6	42.6	47.3	49.9	45.9	50.6	51.6	50.9	48.
Alternative A	48.2	42.9	39.7	38.7	42.7	47.3	49.9	45.9	50.5	50.8	50.6	48.
Difference	-0.1	-0.4	-0.5	0.0	0.0	0.0	0.0	0.0	-0.1	-0.8	-0.3	0.0
Percent Difference	-0.1%	-0.9%	-1.3%	0.1%	0.1%	-0.1%	0.0%	-0.1%	-0.2%	-1.5%	-0.5%	0.09
Below Normal (17%)												
No Action Alternative	50.2	44.7	39.0	38.7	41.9	46.8	51.1	46.4	51.3	52.0	52.0	51.3
Alternative A	49.7	44.7	39.3	38.8	42.0	46.7	51.1	46.4	51.3	52.1	52.1	51.1
Difference	-0.5	0.1	0.4	0.2	0.0	-0.2	0.0	0.0	0.0	0.1	0.1	-0.1
Percent Difference	-1.0%	0.1%	0.9%	0.4%	0.1%	-0.4%	0.0%	0.0%	0.0%	0.2%	0.1%	-0.39
Dry (22%)												
No Action Alternative	49.5	45.0	39.6	38.4	42.4	47.9	51.4	46.7	51.9	50.7	50.1	50.3
Alternative A	49.1	44.7	39.5	38.9	42.3	47.7	50.9	46.8	52.0	50.6	50.8	50.1
Difference	-0.3	-0.3	0.0	0.5	0.0	-0.3	-0.4	0.0	0.1	-0.2	0.6	-0.2
Percent Difference	-0.7%	-0.6%	-0.1%	1.3%	0.0%	-0.5%	-0.8%	0.1%	0.1%	-0.3%	1.2%	-0.4
Critical (15%)												
No Action Alternative	54.5	45.7	38.2	39.4	43.1	48.0	50.2	49.3	55.5	52.5	54.4	56.0
Alternative A	53.9	45.8	38.6	39.7	43.2	47.7	50.4	49.1	55.3	53.0	52.6	54.
Difference	-0.6	0.1	0.4	0.3	0.0	-0.3	0.2	-0.2	-0.2	0.5	-1.8	-2.2
Percent Difference	-1.1%	0.2%	1.0%	0.7%	0.0%	-0.5%	0.4%	-0.5%	-0.3%	0.9%	-3.3%	-3.8

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

3 Relative difference of the monthly average



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

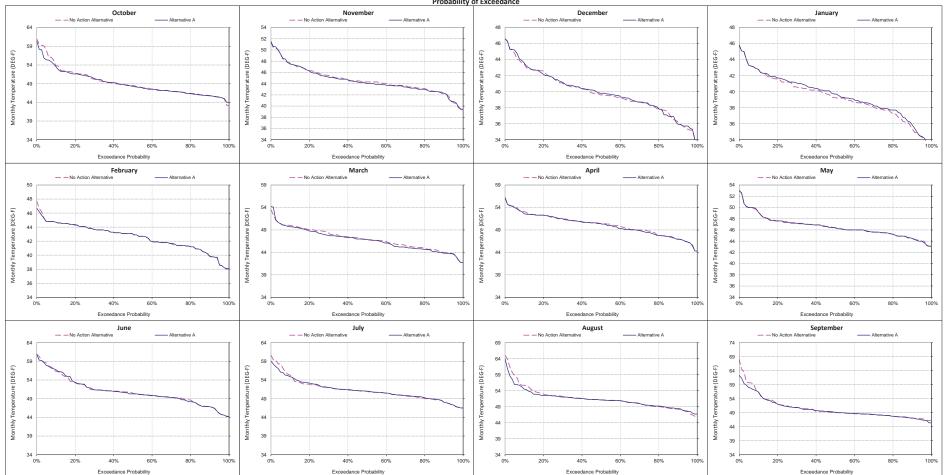


Table SQ-33-3b
Trinity River below Lewiston Dam, Monthly Temperature
Probability of Exceedance

		October					November					December					January		
Percent	No Action Alternative	Alternative A	Absolute		Percent	No Action Alternative	Alternative A	Absolute		Percent	No Action Alternative	Alternative A	Absolute		Percent	No Action Alternative	Alternative A	Absolute	
Exceedance			Difference	Relative	Exceedance			Difference	Relative	Exceedance			- Difference	Relative	Exceedance			Difference	Relative
Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability		Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	61.0	60.4	-0.6	-1.0%	0.0%	51.3	51.5	0.2	0.4%	0.0%	46.6	46.6	0.0	0.0%	0.0%	45.8	45.8	0.0	0.0%
1.2%	59.5	58.2	-1.3	-2.2%	1.2%	50.4	50.6	0.2	0.4%	1.2%	46.3	46.3	0.0	0.0%	1.2%	45.1	45.1	0.0	0.0%
2.5%	59.3	58.1	-1.2	-2.0%	2.5%	50.3	50.6	0.3	0.6%	2.5%	45.3	45.3	0.0	0.0%	2.5%	45.0	45.0	0.0	0.0%
3.7%	59.1	55.9	-3.2	-5.4%	3.7%	50.1	50.0	-0.1	-0.2%	3.7%	45.2	45.3	0.1	0.2%	3.7%	44.0	44.0	0.0	0.0%
4.9%	58.1	55.4	-2.7	-4.6%	4.9%	49.3	49.3	0.0	0.0%	4.9%	44.8	45.2	0.4	0.9%	4.9%	43.3	43.3	0.0	0.0%
6.2%	56.1	55.3	-0.8	-1.4%	6.2%	48.4	48.5	0.1	0.2%	6.2%	44.1	44.8	0.7	1.6%	6.2%	43.2	43.2	0.0	0.0%
7.4%	56.1	54.9	-1.2	-2.1%	7.4%	48.1	48.4	0.3	0.6%	7.4%	43.9	44.1	0.2	0.5%	7.4%	43.1	43.1	0.0	0.0%
8.6%	55.4	54.3	-1.1	-2.0%	8.6%	47.8	47.8	0.0	0.0%	8.6%	43.6	43.9	0.3	0.7%	8.6%	42.9	42.9	0.0	0.0%
9.9%	53.8	53.6	-0.2	-0.4%	9.9%	47.7	47.5	-0.2	-0.4%	9.9%	43.5	43.6	0.1	0.2%	9.9%	42.8	42.8	0.0	0.0%
11.1%	53.7	52.8	-0.9	-1.7%	11.1%	47.4	47.4	0.0	0.0%	11.1%	43.0	43.2	0.2	0.5%	11.1%	42.4	42.4	0.0	0.0%
12.3%	52.6	52.3	-0.3	-0.6%	12.3%	47.3	47.3	0.0	0.0%	12.3%	42.8	43.0	0.2	0.5%	12.3%	42.3	42.3	0.0	0.0%
13.6%	52.4	52.2	-0.2	-0.4%	13.6%	47.0	47.2	0.2	0.4%	13.6%	42.8	42.8	0.0	0.0%	13.6%	42.2	42.3	0.1	0.2%
14.8%	52.4	52.2	-0.2	-0.4%	14.8%	47.0	47.1	0.1	0.2%	14.8%	42.7	42.7	0.0	0.0%	14.8%	41.9	42.2	0.3	0.7%
16.0%	52.3	52.1	-0.2	-0.4%	16.0%	46.9	46.9	0.0	0.0%	16.0%	42.7	42.7	0.0	0.0%	16.0%	41.8	41.9	0.1	0.2%
17.3%	52.2	51.8	-0.4	-0.8%	17.3%	46.7	46.7	0.0	0.0%	17.3%	42.7	42.6	-0.1	-0.2%	17.3%	41.7	41.9	0.2	0.5%
18.5%	52.1	51.6	-0.5	-1.0%	18.5%	46.4	46.5	0.1	0.2%	18.5%	42.6	42.4	-0.2	-0.5%	18.5%	41.6	41.9	0.3	0.7%
19.8%	51.8	51.6	-0.2	-0.4%	19.8%	46.3	46.3	0.0	0.0%	19.8%	42.6	42.2	-0.4	-0.9%	19.8%	41.6	41.7	0.1	0.2%
21.0%	51.7	51.6	-0.1	-0.2%	21.0%	46.3	46.0	-0.3	-0.6%	21.0%	42.3	42.0	-0.3	-0.7%	21.0%	41.5	41.7	0.2	0.5%
22.2%	51.6	51.4	-0.2	-0.4%	22.2%	46.2	45.9	-0.3	-0.6%	22.2%	42.0	42.0	0.0	0.0%	22.2%	41.2	41.6	0.4	1.0%
23.5%	51.6	51.3	-0.3	-0.6%	23.5%	46.0	45.9	-0.1	-0.2%	23.5%	41.9	41.9	0.0	0.0%	23.5%	41.2	41.5	0.3	0.7%
24.7%	51.5	51.1	-0.4	-0.8%	24.7%	45.9	45.7	-0.2	-0.4%	24.7%	41.8	41.8	0.0	0.0%	24.7%	41.2	41.4	0.2	0.5%
25.9%	51.4	51.1	-0.3	-0.6%	25.9%	45.7	45.4	-0.2	-0.7%	25.9%	41.5	41.5	0.0	0.0%	25.9%	41.2	41.2	0.0	0.0%
27.2%	50.9	50.9	0.0	0.0%	27.2%	45.7	45.4	-0.3	-0.7%	27.2%	41.3	41.5	0.0	0.5%	27.2%	41.1	41.2	0.1	0.2%
28.4%	50.4	50.8	0.4	0.8%	28.4%	45.7	45.3	-0.2	-0.4%	28.4%	41.1	41.3	0.2	0.5%	28.4%	40.6	41.2	0.6	1.5%
29.6%	50.2	50.4	0.4	0.4%	29.6%	45.5	45.2	-0.2	-0.4%	29.6%	41.1	41.2	0.2	0.2%	29.6%	40.6	41.1	0.5	1.2%
30.9%	50.2	50.4	0.2	0.4%	30.9%	45.3	45.2 45.1	-0.3	-0.4%	30.9%	40.9	41.0	0.1	0.2%	30.9%	40.5	41.0	0.5	1.2%
32.1%	49.8	50.2	0.3	0.6%	32.1%	45.2	45.1	-0.2	-0.4%	32.1%	40.8	40.8	0.0	0.0%	32.1%	40.5	41.0	0.5	1.2%
33.3%	49.7	50.1	0.3	0.8%	33.3%	45.1	45.0	-0.1	-0.2%	33.3%	40.7	40.8	0.0	0.2%	33.3%	40.4	40.9	0.5	1.2%
33.3%	49.7	49.6	0.4	0.6%	33.3%	45.1 45.0	45.0 44.9	-0.1	-0.2%	33.3%	40.7	40.8	0.1	0.2%	33.3%	40.4	40.9	0.5	1.0%
35.8%	49.3	49.5	0.0	0.4%	35.8%	45.0	44.8	-0.1	-0.4%	35.8%	40.6	40.7	0.2	0.2%	35.8%	40.4	40.6	0.4	0.7%
37.0%	49.3	49.5 49.4	0.2	0.4%	37.0%	45.0 45.0	44.6	-0.2	-0.4%	37.0%	40.6	40.7	0.1	0.2%	37.0%	40.3	40.6	0.3	0.7%
38.3%	49.3	49.3			38.3%	44.8	44.8				40.6	40.6		0.0%	38.3%	40.2	40.5		
39.5%	49.1	49.3	0.0	0.0%	39.5%	44.8	44.8	0.0	0.0%	38.3% 39.5%	40.4	40.4	0.0	0.0%	39.5%	40.2	40.4	0.3	0.7% 0.5%
							44.6												
40.7% 42.0%	49.0 48.9	49.2 49.1	0.2	0.4%	40.7% 42.0%	44.6 44.5	44.5 44.5	-0.1 0.0	-0.2% 0.0%	40.7% 42.0%	40.3 40.3	40.4 40.3	0.1	0.2%	40.7% 42.0%	40.1 40.1	40.4 40.2	0.3	0.7% 0.2%
	48.9						44.5									39.9			
43.2%		48.8	-0.1	-0.2%	43.2%	44.5		-0.1	-0.2%	43.2%	40.2	40.3	0.1	0.2%	43.2%		40.2	0.3	0.8%
44.4% 45.7%	48.7 48.7	48.8 48.7	0.1	0.2%	44.4% 45.7%	44.5 44.5	44.4 44.2	-0.1 -0.3	-0.2%	44.4%	39.9	40.2 40.2	0.3 0.4	0.8%	44.4%	39.8 39.7	40.1 40.1	0.3 0.4	0.8%
				0.0%					-0.7%	45.7%	39.8			1.0%	45.7%				1.0%
46.9%	48.7	48.5	-0.2	-0.4%	46.9%	44.4	44.2	-0.2	-0.5%	46.9%	39.8	40.1	0.3	0.8%	46.9%	39.6	40.1	0.5	1.3%
48.1%	48.5	48.5	0.0	0.0%	48.1%	44.4	44.2	-0.2	-0.5%	48.1%	39.8	39.9	0.1	0.3%	48.1%	39.3	39.8	0.5	1.3%
49.4%	48.5	48.3	-0.2	-0.4%	49.4%	44.3	44.1	-0.2	-0.5%	49.4%	39.6	39.8	0.2	0.5%	49.4%	39.3	39.7	0.4	1.0%
50.6%	48.5	48.2	-0.3	-0.6%	50.6%	44.3	44.0	-0.3	-0.7%	50.6%	39.6	39.8	0.2	0.5%	50.6%	39.2	39.7	0.5	1.3%
51.9%	48.2	48.1	-0.1	-0.2%	51.9%	44.3	44.0	-0.3	-0.7%	51.9%	39.6	39.8	0.2	0.5%	51.9%	39.2	39.5	0.3	0.8%
53.1%	48.2	48.0	-0.2	-0.4%	53.1%	44.3	44.0	-0.3	-0.7%	53.1%	39.5	39.7	0.2	0.5%	53.1%	39.2	39.3	0.1	0.3%
54.3%	48.0	48.0	0.0	0.0%	54.3%	44.3	43.9	-0.4	-0.9%	54.3%	39.5	39.7	0.2	0.5%	54.3%	39.2	39.3	0.1	0.3%
55.6%	47.9	47.7	-0.2	-0.4%	55.6%	44.3	43.9	-0.4	-0.9%	55.6%	39.5	39.6	0.1	0.3%	55.6%	39.0	39.2	0.2	0.5%
56.8%	47.8	47.7	-0.1	-0.2%	56.8%	44.1	43.9	-0.2	-0.5%	56.8%	39.4	39.6	0.2	0.5%	56.8%	38.9	39.2	0.3	0.8%
58.0%	47.8	47.5	-0.3	-0.6%	58.0%	44.1	43.8	-0.3	-0.7%	58.0%	39.3	39.5	0.2	0.5%	58.0%	38.9	39.1	0.2	0.5%
59.3%	47.6	47.5	-0.1	-0.2%	59.3%	44.0	43.8	-0.2	-0.5%	59.3%	39.3	39.5	0.2	0.5%	59.3%	38.7	39.1	0.4	1.0%
60.5%	47.5	47.5	0.0	0.0%	60.5%	44.0	43.7	-0.3	-0.7%	60.5%	39.2	39.3	0.1	0.3%	60.5%	38.7	38.9	0.2	0.5%
61.7%	47.5	47.4	-0.1	-0.2%	61.7%	43.8	43.7	-0.1	-0.2%	61.7%	39.1	39.3	0.2	0.5%	61.7%	38.6	38.9	0.3	0.8%
63.0%	47.4	47.2	-0.2	-0.4%	63.0%	43.7	43.7	0.0	0.0%	63.0%	39.0	39.2	0.2	0.5%	63.0%	38.6	38.7	0.1	0.3%
64.2%	47.2	47.2	0.0	0.0%	64.2%	43.7	43.6	-0.1	-0.2%	64.2%	38.9	39.2	0.3	0.8%	64.2%	38.6	38.7	0.1	0.3%
65.4%	47.2	47.2	0.0	0.0%	65.4%	43.7	43.6	-0.1	-0.2%	65.4%	38.8	39.0	0.2	0.5%	65.4%	38.5	38.6	0.1	0.3%
66.7%	47.2	47.1	-0.1	-0.2%	66.7%	43.7	43.6	-0.1	-0.2%	66.7%	38.8	38.9	0.1	0.3%	66.7%	38.4	38.6	0.2	0.5%
67.9%	47.2	47.1	-0.1	-0.2%	67.9%	43.7	43.6	-0.1	-0.2%	67.9%	38.8	38.8	0.0	0.0%	67.9%	38.3	38.5	0.2	0.5%
69.1%	47.0	47.0	0.0	0.0%	69.1%	43.6	43.4	-0.2	-0.5%	69.1%	38.7	38.7	0.0	0.0%	69.1%	38.2	38.4	0.2	0.5%
70.4%	46.9	47.0	0.1	0.2%	70.4%	43.6	43.4	-0.2	-0.5%	70.4%	38.7	38.7	0.0	0.0%	70.4%	38.0	38.2	0.2	0.5%
71.6%	46.9	46.9	0.0	0.0%	71.6%	43.4	43.3	-0.1	-0.2%	71.6%	38.7	38.6	-0.1	-0.3%	71.6%	37.9	38.2	0.3	0.8%
72.8%	46.8	46.9	0.1	0.2%	72.8%	43.4	43.2	-0.2	-0.5%	72.8%	38.6	38.6	0.0	0.0%	72.8%	37.9	38.0	0.1	0.3%
74.1%	46.8	46.8	0.0	0.0%	74.1%	43.3	43.2	-0.1	-0.2%	74.1%	38.5	38.6	0.1	0.3%	74.1%	37.8	37.9	0.1	0.3%
75.3%	46.7	46.8	0.1	0.2%	75.3%	43.3	43.2	-0.1	-0.2%	75.3%	38.3	38.3	0.0	0.0%	75.3%	37.7	37.9	0.2	0.5%
76.5%	46.7	46.6	-0.1	-0.2%	76.5%	43.2	43.0	-0.2	-0.5%	76.5%	38.3	38.3	0.0	0.0%	76.5%	37.7	37.9	0.2	0.5%
77.8%	46.5	46.4	-0.1	-0.2%	77.8%	43.2	43.0	-0.2	-0.5%	77.8%	38.1	38.2	0.1	0.3%	77.8%	37.7	37.8	0.1	0.3%
79.0%	46.4	46.3	-0.1	-0.2%	79.0%	43.1	43.0	-0.1	-0.2%	79.0%	37.9	38.1	0.2	0.5%	79.0%	37.4	37.7	0.3	0.8%
80.2%	46.4	46.3	-0.1	-0.2%	80.2%	43.1	43.0	-0.1	-0.2%	80.2%	37.8	37.8	0.0	0.0%	80.2%	37.2	37.7	0.5	1.3%
81.5%	46.4	46.2	-0.2	-0.4%	81.5%	42.9	42.8	-0.1	-0.2%	81.5%	37.7	37.8	0.1	0.3%	81.5%	37.2	37.7	0.5	1.3%
82.7%	46.3	46.1	-0.2	-0.4%	82.7%	42.7	42.6	-0.1	-0.2%	82.7%	37.7	37.1	-0.6	-1.6%	82.7%	36.8	37.4	0.6	1.6%
84.0%	46.2	46.0	-0.2	-0.4%	84.0%	42.7	42.6	-0.1	-0.2%	84.0%	37.6	37.1	-0.5	-1.3%	84.0%	36.7	37.3	0.6	1.6%
85.2%	46.0	46.0	0.0	0.0%	85.2%	42.6	42.6	0.0	0.0%	85.2%	37.3	36.9	-0.4	-1.1%	85.2%	36.3	36.8	0.5	1.4%
86.4%	46.0	45.9	-0.1	-0.2%	86.4%	42.6	42.6	0.0	0.0%	86.4%	36.8	36.9	0.1	0.3%	86.4%	36.2	36.7	0.5	1.4%
87.7%	45.9	45.9	0.0	0.0%	87.7%	42.5	42.5	0.0	0.0%	87.7%	36.5	36.9	0.4	1.1%	87.7%	36.2	36.3	0.1	0.3%
88.9%	45.9	45.8	-0.1	-0.2%	88.9%	42.5	42.3	-0.2	-0.5%	88.9%	36.4	36.2	-0.2	-0.5%	88.9%	35.8	36.2	0.4	1.1%
90.1%	45.8	45.7	-0.1	-0.2%	90.1%	42.2	42.3	0.1	0.2%	90.1%	36.2	35.9	-0.3	-0.8%	90.1%	35.3	35.8	0.5	1.4%
91.4%	45.8	45.7	-0.1	-0.2%	91.4%	42.1	42.1	0.0	0.0%	91.4%	35.9	35.9	0.0	0.0%	91.4%	34.9	35.4	0.5	1.4%
92.6%	45.5	45.6	0.1	0.2%	92.6%	41.7	41.2	-0.5	-1.2%	92.6%	35.7	35.7	0.0	0.0%	92.6%	34.9	34.9	0.0	0.0%
93.8%	45.4	45.5	0.1	0.2%	93.8%	40.9	40.8	-0.1	-0.2%	93.8%	35.5	35.7	0.2	0.6%	93.8%	34.5	34.5	0.0	0.0%
95.1%	45.3	45.4	0.1	0.2%	95.1%	40.6	40.8	0.2	0.5%	95.1%	35.3	35.7	0.4	1.1%	95.1%	34.3	34.4	0.1	0.3%
96.3%	45.2	45.2	0.0	0.0%	96.3%	40.4	40.6	0.2	0.5%	96.3%	35.2	35.4	0.2	0.6%	96.3%	34.2	34.2	0.0	0.0%
97.5%	45.0	45.0	0.0	0.0%	97.5%	39.7	39.9	0.2	0.5%	97.5%	35.2	35.3	0.1	0.3%	97.5%	33.7	33.7	0.0	0.0%
98.8%	43.2	44.0	0.8	1.9%	98.8%	39.5	39.4	-0.1	-0.3%	98.8%	34.0	34.0	0.0	0.0%	98.8%	29.5	29.5	0.0	0.0%
100.0%	43.2	44.0	0.8	1.9%	100.0%	39.5	39.4	-0.1	-0.3%	100.0%	34.0	34.0	0.0	0.0%	100.0%	29.5	29.5	0.0	0.0%
100.070	10.2	11.0	0.0	1.070	100.070	00.0	00	0.1	0.070	100.070	00	01.0	0.0	0.070	100.070	20.0	20.0	0.0	0.070

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

										of Exceedance									
Percent		February			Percent		March			Percent		April			Percent		May		
Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative
Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)
0.0%	47.7	46.7	-1.0	-2.1%	0.0%	53.5	54.2	0.7	1.3%	0.0%	56.2	56.2	0.0	0.0%	0.0%	53.0	53.0	0.0	0.0%
1.2%	46.7	46.2	-0.5	-1.1%	1.2%	52.4	54.1	1.7	3.2%	1.2%	54.7	54.7	0.0	0.0%	1.2%	52.6	52.6	0.0	0.0%
2.5% 3.7%	46.2 45.3	45.7 45.3	-0.5 0.0	-1.1% 0.0%	2.5% 3.7%	51.2 50.7	51.3 50.7	0.1 0.0	0.2%	2.5% 3.7%	54.5 54.3	54.4 54.3	-0.1 0.0	-0.2% 0.0%	2.5% 3.7%	50.8 50.1	50.7 50.2	-0.1 0.1	-0.2% 0.2%
4.9%	45.5	45.5	0.0	0.0%	4.9%	50.7	50.7	0.0	0.0%	4.9%	54.3	54.0	-0.3	-0.6%	4.9%	50.0	50.0	0.0	0.0%
6.2%	44.8	44.8	0.0	0.0%	6.2%	50.1	50.1	0.0	0.0%	6.2%	54.0	53.7	-0.3	-0.6%	6.2%	50.0	50.0	0.0	0.0%
7.4%	44.8	44.8	0.0	0.0%	7.4%	50.1	50.0	-0.1	-0.2%	7.4%	53.3	53.3	0.0	0.0%	7.4%	49.8	50.0	0.2	0.4%
8.6% 9.9%	44.8 44.7	44.8 44.7	0.0	0.0%	8.6% 9.9%	50.1 50.0	49.8 49.7	-0.3 -0.3	-0.6% -0.6%	8.6% 9.9%	53.2 53.1	53.1 52.6	-0.1 -0.5	-0.2% -0.9%	8.6% 9.9%	49.7 49.3	49.8 49.2	0.1 -0.1	0.2% -0.2%
11.1%	44.6	44.6	0.0	0.0%	11.1%	49.9	49.7	-0.2	-0.4%	11.1%	52.9	52.5	-0.4	-0.8%	11.1%	48.7	48.7	0.0	0.0%
12.3%	44.6	44.6	0.0	0.0%	12.3%	49.8	49.6	-0.2	-0.4%	12.3%	52.5	52.4	-0.1	-0.2%	12.3%	48.3	48.3	0.0	0.0%
13.6% 14.8%	44.5 44.5	44.5 44.5	0.0	0.0%	13.6% 14.8%	49.7 49.6	49.5 49.4	-0.2 -0.2	-0.4% -0.4%	13.6% 14.8%	52.5 52.4	52.4 52.4	-0.1 0.0	-0.2% 0.0%	13.6% 14.8%	48.1 48.1	48.2 48.0	0.1 -0.1	0.2% -0.2%
16.0%	44.5	44.5	0.0	0.0%	16.0%	49.4	49.3	-0.1	-0.2%	16.0%	52.4	52.3	-0.1	-0.2%	16.0%	47.9	47.7	-0.2	-0.4%
17.3%	44.4	44.4	0.0	0.0%	17.3%	49.3	49.2	-0.1	-0.2%	17.3%	52.3	52.3	0.0	0.0%	17.3%	47.8	47.7	-0.1	-0.2%
18.5% 19.8%	44.4 44.4	44.4 44.3	0.0 -0.1	0.0%	18.5% 19.8%	49.2 49.1	49.0 48.8	-0.2 -0.3	-0.4% -0.6%	18.5% 19.8%	52.3 52.3	52.3 52.3	0.0	0.0%	18.5% 19.8%	47.7 47.6	47.6 47.6	-0.1 0.0	-0.2% 0.0%
21.0%	44.3	44.3	0.0	0.0%	21.0%	49.1	48.7	-0.4	-0.8%	21.0%	52.3	52.3	-0.1	-0.2%	21.0%	47.6	47.6	0.0	0.0%
22.2%	44.1	44.1	0.0	0.0%	22.2%	49.0	48.7	-0.3	-0.6%	22.2%	52.2	52.1	-0.1	-0.2%	22.2%	47.6	47.6	0.0	0.0%
23.5% 24.7%	44.1 44.1	44.1 44.1	0.0	0.0%	23.5%	48.8	48.6 48.3	-0.2	-0.4%	23.5%	51.9 51.8	52.0	0.1	0.2%	23.5%	47.5 47.5	47.3 47.3	-0.2	-0.4%
24.7%	44.1 44.0	44.1 44.0	0.0	0.0%	24.7% 25.9%	48.8 48.8	48.3 48.2	-0.5 -0.6	-1.0% -1.2%	24.7% 25.9%	51.8 51.8	52.0 51.8	0.2	0.4%	25.9%	47.5 47.3	47.3 47.3	-0.2 0.0	-0.4% 0.0%
27.2%	44.0	43.8	-0.2	-0.5%	27.2%	48.7	48.0	-0.7	-1.4%	27.2%	51.5	51.7	0.2	0.4%	27.2%	47.3	47.2	-0.1	-0.2%
28.4%	43.8	43.8	0.0	0.0%	28.4%	48.7	47.9	-0.8	-1.6%	28.4%	51.5	51.5	0.0	0.0%	28.4%	47.3	47.2	-0.1	-0.2%
29.6% 30.9%	43.7 43.6	43.7 43.6	0.0	0.0%	29.6% 30.9%	48.5 48.0	47.8 47.7	-0.7 -0.3	-1.4% -0.6%	29.6% 30.9%	51.4 51.3	51.5 51.4	0.1 0.1	0.2% 0.2%	29.6% 30.9%	47.2 47.2	47.2 47.1	0.0 -0.1	0.0% -0.2%
32.1%	43.6	43.6	0.0	0.0%	32.1%	48.0	47.7	-0.3	-0.6%	32.1%	51.2	51.4	0.1	0.4%	32.1%	47.2	47.1	-0.1	-0.2%
33.3%	43.6	43.6	0.0	0.0%	33.3%	47.9	47.7	-0.2	-0.4%	33.3%	51.2	51.1	-0.1	-0.2%	33.3%	47.1	47.1	0.0	0.0%
34.6%	43.6	43.6	0.0	0.0%	34.6%	47.9	47.6	-0.3	-0.6%	34.6%	51.1	51.1	0.0	0.0%	34.6%	47.1	47.0	-0.1	-0.2%
35.8% 37.0%	43.5 43.5	43.5 43.5	0.0	0.0%	35.8% 37.0%	47.6 47.6	47.6 47.5	0.0 -0.1	0.0% -0.2%	35.8% 37.0%	51.1 51.0	51.0 51.0	-0.1 0.0	-0.2% 0.0%	35.8% 37.0%	47.0 47.0	47.0 47.0	0.0	0.0%
38.3%	43.3	43.3	0.0	0.0%	38.3%	47.6	47.4	-0.2	-0.4%	38.3%	51.0	50.9	-0.1	-0.2%	38.3%	47.0	46.9	-0.1	-0.2%
39.5%	43.3	43.3	0.0	0.0%	39.5%	47.5	47.3	-0.2	-0.4%	39.5%	50.9	50.8	-0.1	-0.2%	39.5%	46.9	46.9	0.0	0.0%
40.7%	43.2	43.2	0.0	0.0%	40.7%	47.4 47.4	47.3 47.3	-0.1 -0.1	-0.2%	40.7%	50.8	50.7 50.7	-0.1	-0.2% 0.0%	40.7%	46.9 46.9	46.9 46.9	0.0	0.0%
42.0% 43.2%	43.2 43.2	43.2 43.2	0.0	0.0%	42.0% 43.2%	47.4 47.3	47.3 47.2	-0.1	-0.2% -0.2%	42.0% 43.2%	50.7 50.7	50.7	0.0	0.0%	42.0% 43.2%	46.9 46.9	46.9 46.7	0.0 -0.2	0.0% -0.4%
44.4%	43.1	43.1	0.0	0.0%	44.4%	47.3	47.0	-0.3	-0.6%	44.4%	50.6	50.6	0.0	0.0%	44.4%	46.7	46.6	-0.1	-0.2%
45.7%	43.1	43.1	0.0	0.0%	45.7%	47.2	47.0	-0.2	-0.4%	45.7%	50.6	50.6	0.0	0.0%	45.7%	46.6	46.6	0.0	0.0%
46.9% 48.1%	43.1 43.1	43.1 43.1	0.0	0.0%	46.9% 48.1%	47.0 47.0	47.0 46.9	0.0 -0.1	0.0%	46.9% 48.1%	50.6 50.6	50.6 50.4	0.0 -0.2	0.0% -0.4%	46.9% 48.1%	46.6 46.5	46.4 46.4	-0.2 -0.1	-0.4% -0.2%
49.4%	43.1	43.1	0.0	0.0%	49.4%	46.9	46.9	0.0	0.0%	49.4%	50.4	50.4	0.0	0.0%	49.4%	46.4	46.4	0.0	0.0%
50.6%	42.9	42.9	0.0	0.0%	50.6%	46.8	46.8	0.0	0.0%	50.6%	50.4	50.3	-0.1	-0.2%	50.6%	46.4	46.3	-0.1	-0.2%
51.9%	42.9	42.9	0.0	0.0%	51.9%	46.7	46.8	0.1	0.2%	51.9%	50.4	50.3	-0.1	-0.2%	51.9%	46.2	46.2	0.0	0.0%
53.1% 54.3%	42.7 42.7	42.7 42.7	0.0	0.0%	53.1% 54.3%	46.7 46.7	46.7 46.7	0.0	0.0%	53.1% 54.3%	50.3 50.3	50.0 50.0	-0.3 -0.3	-0.6% -0.6%	53.1% 54.3%	46.2 46.1	46.2 46.1	0.0	0.0%
55.6%	42.7	42.7	0.0	0.0%	55.6%	46.7	46.6	-0.1	-0.2%	55.6%	50.1	49.9	-0.2	-0.4%	55.6%	46.1	46.0	-0.1	-0.2%
56.8%	42.6	42.6	0.0	0.0%	56.8%	46.6	46.5	-0.1	-0.2%	56.8%	50.0	49.7	-0.3	-0.6%	56.8%	46.0	46.0	0.0	0.0%
58.0% 59.3%	42.4 42.0	42.4 42.0	0.0	0.0%	58.0% 59.3%	46.6 46.5	46.3 46.1	-0.3 -0.4	-0.6% -0.9%	58.0% 59.3%	50.0 49.9	49.7 49.3	-0.3 -0.6	-0.6% -1.2%	58.0% 59.3%	46.0 46.0	46.0 46.0	0.0	0.0%
60.5%	41.9	41.9	0.0	0.0%	60.5%	46.3	46.1	-0.2	-0.4%	60.5%	49.7	49.3	-0.4	-0.8%	60.5%	46.0	46.0	0.0	0.0%
61.7%	41.9	41.9	0.0	0.0%	61.7%	46.1	45.9	-0.2	-0.4%	61.7%	49.6	49.2	-0.4	-0.8%	61.7%	46.0	46.0	0.0	0.0%
63.0%	41.9	41.9	0.0	0.0%	63.0%	46.0	45.7	-0.3	-0.7%	63.0%	49.3	49.1	-0.2	-0.4%	63.0%	46.0	46.0	0.0	0.0%
64.2% 65.4%	41.8 41.8	41.8 41.8	0.0	0.0%	64.2% 65.4%	45.9 45.8	45.3 45.3	-0.6 -0.5	-1.3% -1.1%	64.2% 65.4%	49.3 49.1	49.1 49.0	-0.2 -0.1	-0.4% -0.2%	64.2% 65.4%	46.0 45.9	46.0 45.9	0.0	0.0%
66.7%	41.8	41.8	0.0	0.0%	66.7%	45.7	45.2	-0.5	-1.1%	66.7%	49.1	49.0	-0.1	-0.2%	66.7%	45.8	45.7	-0.1	-0.2%
67.9%	41.7	41.8	0.1	0.2%	67.9%	45.7	45.2	-0.5	-1.1%	67.9%	49.0	49.0	0.0	0.0%	67.9%	45.7	45.7	0.0	0.0%
69.1% 70.4%	41.7 41.6	41.7 41.7	0.0 0.1	0.0% 0.2%	69.1% 70.4%	45.7 45.4	45.2 45.1	-0.5 -0.3	-1.1% -0.7%	69.1% 70.4%	49.0 49.0	48.9 48.8	-0.1 -0.2	-0.2% -0.4%	69.1% 70.4%	45.7 45.6	45.6 45.6	-0.1 0.0	-0.2% 0.0%
70.4%	41.4	41.6	0.1	0.5%	71.6%	45.4	45.0	-0.3	-0.7%	71.6%	48.9	48.7	-0.2	-0.4%	71.6%	45.6	45.6	0.0	0.0%
72.8%	41.4	41.4	0.0	0.0%	72.8%	45.3	45.0	-0.3	-0.7%	72.8%	48.9	48.5	-0.4	-0.8%	72.8%	45.6	45.6	0.0	0.0%
74.1%	41.4	41.4	0.0	0.0%	74.1%	45.2	44.9	-0.3	-0.7%	74.1%	48.8	48.4	-0.4	-0.8%	74.1%	45.5	45.5	0.0	0.0%
75.3% 76.5%	41.4 41.4	41.4 41.4	0.0	0.0%	75.3% 76.5%	45.1 45.1	44.8 44.8	-0.3 -0.3	-0.7% -0.7%	75.3% 76.5%	48.7 48.5	48.4 48.2	-0.3 -0.3	-0.6% -0.6%	75.3% 76.5%	45.5 45.4	45.5 45.5	0.0 0.1	0.0%
77.8%	41.3	41.3	0.0	0.0%	77.8%	45.1	44.8	-0.3	-0.7%	77.8%	48.4	48.0	-0.4	-0.8%	77.8%	45.4	45.4	0.0	0.0%
79.0%	41.3	41.3	0.0	0.0%	79.0%	45.0	44.7	-0.3	-0.7%	79.0%	47.9	47.8	-0.1	-0.2%	79.0%	45.3	45.3	0.0	0.0%
80.2% 81.5%	41.2 41.2	41.2 41.2	0.0	0.0%	80.2% 81.5%	44.9 44.7	44.6 44.6	-0.3 -0.1	-0.7% -0.2%	80.2% 81.5%	47.8 47.7	47.8 47.7	0.0	0.0%	80.2% 81.5%	45.2 44.9	45.2 45.0	0.0	0.0%
82.7%	40.9	40.9	0.0	0.0%	82.7%	44.7	44.6	-0.1	-0.2%	82.7%	47.7	47.7	0.0	0.0%	82.7%	44.9	44.9	0.0	0.2%
84.0%	40.9	40.9	0.0	0.0%	84.0%	44.7	44.2	-0.5	-1.1%	84.0%	47.5	47.6	0.1	0.2%	84.0%	44.9	44.9	0.0	0.0%
85.2%	40.8	40.8	0.0	0.0%	85.2%	44.6	44.2	-0.4	-0.9%	85.2%	47.5	47.5	0.0	0.0%	85.2%	44.9	44.9	0.0	0.0%
86.4% 87.7%	40.5 40.4	40.5 40.4	0.0	0.0%	86.4% 87.7%	44.5 44.2	44.1 44.0	-0.4 -0.2	-0.9% -0.5%	86.4% 87.7%	47.3 47.2	47.5 47.3	0.2 0.1	0.4% 0.2%	86.4% 87.7%	44.8 44.7	44.9 44.6	0.1 -0.1	0.2% -0.2%
88.9%	40.4	40.4	0.0	0.2%	88.9%	44.2	43.9	-0.2	-0.5%	88.9%	47.0	47.0	0.0	0.2%	88.9%	44.6	44.6	0.0	0.0%
90.1%	39.8	39.8	0.0	0.0%	90.1%	44.0	43.8	-0.2	-0.5%	90.1%	47.0	46.9	-0.1	-0.2%	90.1%	44.4	44.5	0.1	0.2%
91.4%	39.7	39.8	0.1	0.3%	91.4%	43.9	43.8	-0.1	-0.2%	91.4%	46.9	46.9	0.0	0.0%	91.4%	44.3	44.3	0.0	0.0%
92.6% 93.8%	39.7 39.7	39.7 39.7	0.0	0.0%	92.6% 93.8%	43.8 43.8	43.7 43.7	-0.1 -0.1	-0.2% -0.2%	92.6% 93.8%	46.7 46.4	46.7 46.5	0.0	0.0%	92.6% 93.8%	44.2 44.2	44.1 44.0	-0.1 -0.2	-0.2% -0.5%
95.1%	38.6	38.6	0.0	0.0%	95.1%	43.7	43.6	-0.1	-0.2%	95.1%	46.3	46.3	0.0	0.0%	95.1%	44.0	44.0	0.0	0.0%
96.3%	38.5	38.5	0.0	0.0%	96.3%	43.1	43.1	0.0	0.0%	96.3%	46.1	46.1	0.0	0.0%	96.3%	44.0	43.7	-0.3	-0.7%
97.5% 98.8%	38.2 38.0	38.2 38.1	0.0	0.0%	97.5% 98.8%	42.3 41.7	42.3 41.7	0.0	0.0%	97.5% 98.8%	45.7 44.3	45.4 44.3	-0.3 0.0	-0.7% 0.0%	97.5% 98.8%	43.2 43.1	43.3 43.1	0.1	0.2%
100.0%	38.0	38.1	0.1	0.3%	100.0%	41.7	41.7	0.0	0.0%	100.0%	44.3	44.3 44.3	0.0	0.0%	100.0%	43.1	43.1	0.0	0.0%
100.070	00.0	00.1	0.1	0.070	.00.070	71.7	****	0.0	0.070	100.070		11.0	0.0	0.070	100.070	10.1	10.1	0.0	0.070

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

									Probability o	of Exceedance									
Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative		Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative
Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)
0.0%	60.9	60.8	-0.1	-0.2%	0.0%	60.6	59.0	-1.6	-2.6%	0.0%	65.0	63.9	-1.1	-1.7%	0.0%	68.1	62.3	-5.8	-8.5%
1.2%	60.3	59.3	-1.0	-1.7%	1.2%	59.4	58.3	-1.1	-1.9%	1.2%	63.9	60.8	-3.1	-4.9%	1.2%	64.5	61.3	-3.2	-5.0%
2.5% 3.7%	59.3 58.7	59.2 58.7	-0.1 0.0	-0.2% 0.0%	2.5% 3.7%	59.3 58.3	57.6 57.1	-1.7 -1.2	-2.9% -2.1%	2.5% 3.7%	61.4 59.7	58.6 57.6	-2.8 -2.1	-4.6% -3.5%	2.5% 3.7%	63.6 60.0	59.4 58.8	-4.2 -1.2	-6.6% -2.0%
4.9%	58.6	57.9	-0.7	-1.2%	4.9%	58.3	56.1	-2.2	-3.8%	4.9%	58.7	55.9	-2.1	-4.8%	4.9%	59.7	58.0	-1.7	-2.8%
6.2%	57.7	57.7	0.0	0.0%	6.2%	57.2	56.0	-1.2	-2.1%	6.2%	58.1	55.9	-2.2	-3.8%	6.2%	59.6	57.7	-1.9	-3.2%
7.4% 8.6%	57.5 57.1	57.2 57.0	-0.3	-0.5% -0.2%	7.4% 8.6%	56.2 55.6	55.3 55.2	-0.9 -0.4	-1.6%	7.4% 8.6%	56.2 55.7	55.7 55.2	-0.5 -0.5	-0.9% -0.9%	7.4% 8.6%	59.4 57.2	57.2 56.9	-2.2 -0.3	-3.7% -0.5%
9.9%	56.3	56.8	-0.1 0.5	0.2%	9.9%	55.3	55.2 54.9	-0.4	-0.7% -0.7%	9.9%	55.7	55.2 54.5	-0.5	-0.9%	9.9%	56.6	56.4	-0.3	-0.5%
11.1%	56.2	56.3	0.1	0.2%	11.1%	54.7	54.7	0.0	0.0%	11.1%	55.5	54.3	-1.2	-2.2%	11.1%	55.0	55.2	0.2	0.4%
12.3%	56.0	56.2	0.2	0.4%	12.3%	53.6	54.3	0.7	1.3%	12.3%	55.1	53.8	-1.3	-2.4%	12.3%	54.0	54.2	0.2	0.4%
13.6% 14.8%	55.2 54.9	56.0 55.2	0.8	1.4% 0.5%	13.6% 14.8%	53.5 53.4	53.9 53.7	0.4	0.7%	13.6% 14.8%	54.3 54.1	53.6 52.9	-0.7 -1.2	-1.3% -2.2%	13.6% 14.8%	53.8 53.7	53.8 53.4	0.0 -0.3	0.0%
16.0%	54.9	54.9	0.0	0.0%	16.0%	53.1	53.4	0.3	0.6%	16.0%	53.6	52.9	-0.7	-1.3%	16.0%	53.6	53.3	-0.3	-0.6%
17.3%	53.7	54.9	1.2	2.2%	17.3%	52.9	53.4	0.5	0.9%	17.3%	53.4	52.8	-0.6	-1.1%	17.3%	53.4	52.7	-0.7	-1.3%
18.5% 19.8%	53.4 53.3	53.7 53.4	0.3	0.6%	18.5% 19.8%	52.9 52.9	53.3 53.2	0.4	0.8%	18.5% 19.8%	53.2 53.0	52.6 52.5	-0.6 -0.5	-1.1% -0.9%	18.5%	52.8 52.2	52.6 52.1	-0.2 -0.1	-0.4% -0.2%
21.0%	53.0	53.1	0.1	0.2%	21.0%	52.7	53.1	0.3	0.8%	21.0%	52.7	52.5	-0.2	-0.4%	21.0%	51.8	51.9	0.1	0.2%
22.2%	52.9	53.0	0.1	0.2%	22.2%	52.7	52.9	0.2	0.4%	22.2%	52.6	52.5	-0.1	-0.2%	22.2%	51.7	51.6	-0.1	-0.2%
23.5%	52.8	52.9	0.1	0.2%	23.5%	52.7	52.9	0.2	0.4%	23.5%	52.6	52.4	-0.2	-0.4%	23.5%	51.6	51.4	-0.2	-0.4%
24.7% 25.9%	52.8 52.1	52.9 52.1	0.1	0.2%	24.7% 25.9%	52.4 52.3	52.7 52.3	0.3	0.6%	24.7% 25.9%	52.4 52.4	52.4 52.4	0.0	0.0%	24.7% 25.9%	51.6 51.1	51.2 51.1	-0.4 0.0	-0.8% 0.0%
27.2%	51.7	51.9	0.2	0.4%	27.2%	52.2	52.1	-0.1	-0.2%	27.2%	52.4	52.2	-0.2	-0.4%	27.2%	51.0	51.1	0.1	0.0%
28.4%	51.4	51.8	0.4	0.8%	28.4%	52.2	52.1	-0.1	-0.2%	28.4%	52.4	52.1	-0.3	-0.6%	28.4%	50.9	50.8	-0.1	-0.2%
29.6%	51.4	51.4	0.0	0.0%	29.6%	52.0	52.0	0.0	0.0%	29.6%	52.2	52.0	-0.2	-0.4%	29.6%	50.9 50.8	50.8	-0.1	-0.2%
30.9% 32.1%	51.4 51.3	51.3 51.3	-0.1 0.0	-0.2% 0.0%	30.9% 32.1%	51.9 51.8	52.0 51.8	0.1	0.2%	30.9% 32.1%	52.1 52.0	52.0 52.0	-0.1 0.0	-0.2% 0.0%	30.9% 32.1%	50.8 50.5	50.8 50.5	0.0	0.0%
33.3%	51.3	51.3	0.0	0.0%	33.3%	51.7	51.6	-0.1	-0.2%	33.3%	51.9	51.9	0.0	0.0%	33.3%	50.5	50.2	-0.3	-0.6%
34.6%	51.3	51.2	-0.1	-0.2%	34.6%	51.6	51.6	0.0	0.0%	34.6%	51.9	51.8	-0.1	-0.2%	34.6%	50.4	50.2	-0.2	-0.4%
35.8% 37.0%	51.2 51.1	51.1 51.1	-0.1 0.0	-0.2% 0.0%	35.8% 37.0%	51.6 51.5	51.5 51.5	-0.1 0.0	-0.2% 0.0%	35.8% 37.0%	51.8 51.7	51.7 51.6	-0.1 -0.1	-0.2% -0.2%	35.8% 37.0%	50.4 50.3	50.2 50.1	-0.2 -0.2	-0.4%
38.3%	51.1	51.1	0.0	0.0%	38.3%	51.5	51.5	0.0	0.0%	38.3%	51.7	51.6	-0.1	-0.2%	38.3%	50.3	50.1	-0.2	-0.2%
39.5%	51.1	51.0	-0.1	-0.2%	39.5%	51.5	51.4	-0.1	-0.2%	39.5%	51.6	51.5	-0.1	-0.2%	39.5%	49.6	49.8	0.2	0.4%
40.7%	51.0	50.9	-0.1	-0.2%	40.7%	51.5	51.3	-0.2	-0.4%	40.7%	51.5	51.5	0.0	0.0%	40.7%	49.5	49.7	0.2	0.4%
42.0% 43.2%	51.0 50.9	50.9 50.8	-0.1 -0.1	-0.2% -0.2%	42.0% 43.2%	51.3 51.2	51.3 51.2	0.0	0.0%	42.0% 43.2%	51.4 51.3	51.4 51.3	0.0	0.0%	42.0% 43.2%	49.5 49.5	49.6 49.6	0.1 0.1	0.2%
44.4%	50.9	50.7	-0.2	-0.4%	44.4%	51.2	51.2	0.0	0.0%	44.4%	51.3	51.3	0.0	0.0%	44.4%	49.5	49.5	0.0	0.0%
45.7%	50.8	50.6	-0.2	-0.4%	45.7%	51.1	51.1	0.0	0.0%	45.7%	51.2	51.3	0.1	0.2%	45.7%	49.4	49.5	0.1	0.2%
46.9%	50.8	50.6	-0.2	-0.4%	46.9%	51.0	51.1	0.1	0.2%	46.9%	51.2	51.2	0.0	0.0%	46.9% 48.1%	49.2	49.5	0.3	0.6%
48.1% 49.4%	50.7 50.6	50.3 50.3	-0.4 -0.3	-0.8% -0.6%	48.1% 49.4%	51.0 51.0	51.1 51.0	0.1	0.2%	48.1% 49.4%	51.2 51.2	51.2 51.1	0.0 -0.1	0.0% -0.2%	48.1% 49.4%	49.1 49.0	49.4 49.2	0.3 0.2	0.6%
50.6%	50.3	50.3	0.0	0.0%	50.6%	50.9	51.0	0.1	0.2%	50.6%	51.1	51.1	0.0	0.0%	50.6%	49.0	49.1	0.1	0.2%
51.9%	50.3	50.3	0.0	0.0%	51.9%	50.7	50.9	0.2	0.4%	51.9%	51.1	51.0	-0.1	-0.2%	51.9%	49.0	49.0	0.0	0.0%
53.1% 54.3%	50.1 50.1	50.2 50.1	0.1	0.2%	53.1% 54.3%	50.7 50.7	50.8 50.7	0.1	0.2%	53.1% 54.3%	51.0 51.0	51.0 50.9	0.0 -0.1	0.0%	53.1% 54.3%	49.0 48.9	49.0 49.0	0.0	0.0%
55.6%	50.1	50.0	-0.1	-0.2%	55.6%	50.7	50.7	0.0	0.0%	55.6%	51.0	50.9	-0.1	-0.2%	55.6%	48.9	48.8	-0.1	-0.2%
56.8%	50.0	50.0	0.0	0.0%	56.8%	50.7	50.7	0.0	0.0%	56.8%	51.0	50.9	-0.1	-0.2%	56.8%	48.8	48.8	0.0	0.0%
58.0%	49.9	50.0	0.1	0.2%	58.0%	50.6	50.6	0.0	0.0%	58.0%	50.9	50.9	0.0	0.0%	58.0%	48.8 48.7	48.7 48.7	-0.1	-0.2%
59.3% 60.5%	49.8 49.8	49.9 49.8	0.1	0.2%	59.3% 60.5%	50.5 50.5	50.5 50.5	0.0	0.0%	59.3% 60.5%	50.9 50.8	50.9 50.8	0.0	0.0%	59.3% 60.5%	48.7 48.6	48.7	0.0 0.1	0.0%
61.7%	49.7	49.8	0.0	0.2%	61.7%	50.4	50.4	0.0	0.0%	61.7%	50.8	50.7	-0.1	-0.2%	61.7%	48.6	48.7	0.1	0.2%
63.0%	49.6	49.7	0.1	0.2%	63.0%	50.2	50.1	-0.1	-0.2%	63.0%	50.6	50.5	-0.1	-0.2%	63.0%	48.6	48.6	0.0	0.0%
64.2% 65.4%	49.6 49.5	49.6 49.5	0.0	0.0%	64.2% 65.4%	50.1 50.0	50.1 50.0	0.0	0.0%	64.2% 65.4%	50.4 50.3	50.3 50.3	-0.1 0.0	-0.2% 0.0%	64.2% 65.4%	48.5 48.5	48.5 48.5	0.0	0.0%
66.7%	49.5	49.5	0.0	0.0%	66.7%	50.0	50.0	0.0	0.0%	66.7%	50.3	50.2	-0.1	-0.2%	66.7%	48.5	48.5	0.0	0.0%
67.9%	49.4	49.5	0.1	0.2%	67.9%	49.9	50.0	0.1	0.2%	67.9%	50.2	50.2	0.0	0.0%	67.9%	48.4	48.5	0.1	0.2%
69.1%	49.3	49.4	0.1	0.2%	69.1%	49.8	49.9	0.1	0.2%	69.1%	50.2	50.0	-0.2	-0.4%	69.1%	48.3	48.4	0.1	0.2%
70.4% 71.6%	49.3 49.3	49.3 49.2	0.0 -0.1	0.0%	70.4% 71.6%	49.7 49.6	49.8 49.8	0.1	0.2%	70.4% 71.6%	49.9 49.7	49.9 49.7	0.0	0.0%	70.4% 71.6%	48.3 48.2	48.3 48.2	0.0	0.0%
72.8%	49.2	49.2	0.0	0.0%	72.8%	49.6	49.7	0.1	0.2%	72.8%	49.5	49.5	0.0	0.0%	72.8%	48.2	48.2	0.0	0.0%
74.1%	49.2	49.1	-0.1	-0.2%	74.1%	49.6	49.7	0.1	0.2%	74.1%	49.4	49.5	0.1	0.2%	74.1%	48.2	48.1	-0.1	-0.2%
75.3% 76.5%	49.1 48.9	48.7 48.7	-0.4	-0.8% -0.4%	75.3% 76.5%	49.5 49.3	49.6 49.6	0.1	0.2%	75.3% 76.5%	49.3	49.4 49.4	0.1	0.2%	75.3% 76.5%	48.0 48.0	48.0 48.0	0.0	0.0%
76.5% 77.8%	48.9 48.8	48.7	-0.2 -0.3	-0.4%	76.5%	49.3 49.2	49.5	0.3	0.6%	76.5% 77.8%	49.2 49.1	49.4 49.2	0.2	0.4%	76.5%	48.0 48.0	48.0 48.0	0.0	0.0%
79.0%	48.7	48.2	-0.5	-1.0%	79.0%	49.2	49.4	0.2	0.4%	79.0%	49.0	49.2	0.2	0.4%	79.0%	47.9	47.8	-0.1	-0.2%
80.2%	48.6	48.2	-0.4	-0.8%	80.2%	49.0	49.2	0.2	0.4%	80.2%	49.0	49.2	0.2	0.4%	80.2%	47.8	47.7	-0.1	-0.2%
81.5% 82.7%	48.1 47.9	48.1 47.9	0.0	0.0%	81.5% 82.7%	49.0 48.9	49.0 49.0	0.0	0.0%	81.5% 82.7%	48.9 48.8	49.1 49.0	0.2	0.4%	81.5% 82.7%	47.6 47.6	47.6 47.5	0.0 -0.1	0.0% -0.2%
82.7% 84.0%	47.9 47.4	47.9 47.4	0.0	0.0%	82.7%	48.9 48.9	49.0	0.1	0.2%	82.7% 84.0%	48.8	49.0 48.8	0.2	0.4%	82.7%	47.b 47.4	47.5 47.5	-0.1 0.1	-0.2%
85.2%	47.2	47.1	-0.1	-0.2%	85.2%	48.7	48.9	0.2	0.4%	85.2%	48.5	48.7	0.2	0.4%	85.2%	47.4	47.5	0.1	0.2%
86.4%	47.1	46.9	-0.2	-0.4%	86.4%	48.7	48.8	0.1	0.2%	86.4%	48.4	48.6	0.2	0.4%	86.4%	47.3	47.5	0.2	0.4%
87.7% 88.9%	46.9 46.9	46.9 46.9	0.0	0.0%	87.7% 88.9%	48.7 48.5	48.7 48.5	0.0	0.0%	87.7% 88.9%	48.3 48.3	48.6 48.4	0.3	0.6%	87.7% 88.9%	47.2 47.1	47.3 47.1	0.1	0.2%
90.1%	46.8	46.8	0.0	0.0%	90.1%	48.0	48.0	0.0	0.0%	90.1%	48.2	48.4	0.1	0.4%	90.1%	47.1	47.1	0.0	0.0%
91.4%	46.7	46.7	0.0	0.0%	91.4%	47.9	47.9	0.0	0.0%	91.4%	48.1	48.3	0.2	0.4%	91.4%	47.0	47.0	0.0	0.0%
92.6%	46.3	46.4	0.1	0.2%	92.6%	47.7 47.4	47.7 47.4	0.0	0.0%	92.6%	48.0 47.5	47.8 47.7	-0.2	-0.4%	92.6%	46.9 46.9	46.7 46.7	-0.2	-0.4%
93.8% 95.1%	45.6 45.0	45.6 45.0	0.0	0.0%	93.8% 95.1%	47.4 47.3	47.4 47.3	0.0	0.0%	93.8% 95.1%	47.5 47.5	47.7 47.6	0.2 0.1	0.4%	93.8% 95.1%	46.9 46.8	46.7 46.4	-0.2 -0.4	-0.4% -0.9%
96.3%	44.7	44.7	0.0	0.0%	96.3%	46.8	46.9	0.1	0.2%	96.3%	46.7	47.5	0.8	1.7%	96.3%	46.7	46.3	-0.4	-0.9%
97.5%	44.6	44.6	0.0	0.0%	97.5%	46.7	46.7	0.0	0.0%	97.5%	46.4	47.0	0.6	1.3%	97.5%	46.3	46.2	-0.1	-0.2%
98.8% 100.0%	44.2 44.2	44.3 44.3	0.1 0.1	0.2%	98.8% 100.0%	46.5 46.5	46.5 46.5	0.0	0.0%	98.8% 100.0%	46.0 46.0	46.7 46.7	0.7	1.5% 1.5%	98.8% 100.0%	46.2 46.2	45.4 45.4	-0.8 -0.8	-1.7% -1.7%
100.0%	44.2	44.3	U. I	0.2%	100.0%	40.5	40.0	0.0	0.0%	100.0%	40.U	40.7	0.7	1.5%	100.0%	40.2	40.4	-0.0	-1.770

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

				3		thly Temp	erature (DE	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Mav	Jun	Jul	Aua	Sep
					ng-term		1.40	,				
Full Simulation Period ¹												
No Action Alternative	51.2	44.5	40.1	39.0	43.0	46.9	51.9	48.8	54.8	58.6	59.5	55.6
Alternative A	51.1	44.4	40.1	39.2	43.0	46.8	51.8	48.8	54.8	58.5	59.4	55.4
Difference	-0.1	-0.1	0.0	0.1	0.0	-0.1	-0.1	0.0	0.0	0.0	-0.1	-0.2
Percent Difference ³	-0.2%	-0.1%	0.1%	0.3%	0.0%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	-0.2%	-0.39
				Water Y	ear Types	2						
Wet (32%)												
No Action Alternative	49.8	44.5	41.1	40.4	43.3	46.1	50.8	47.8	51.4	56.9	59.6	54.7
Alternative A	49.9	44.5	41.1	40.4	43.3	46.0	50.7	47.8	51.4	56.9	59.4	54.8
Difference	0.1	0.0	0.0	0.1	0.0	-0.1	-0.1	0.0	0.0	0.0	-0.2	0.2
Percent Difference	0.2%	0.0%	0.1%	0.2%	-0.1%	-0.2%	-0.1%	0.0%	0.0%	0.0%	-0.3%	0.3%
Above Normal (15%)				•	•	•						
No Action Alternative	50.3	43.2	40.0	38.7	43.0	46.7	51.8	48.0	53.9	57.8	58.8	54.2
Allemative A	50.3	42.9	39.8	38.7	43.0	46.8	51.8	48.0	53.9	57.3	58.6	54.2
Difference	0.0	-0.2	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	-0.5	-0.1	0.0
Percent Difference	-0.1%	-0.6%	-0.5%	0.0%	0.0%	0.1%	0.0%	-0.1%	-0.1%	-0.9%	-0.2%	0.0%
Below Normal (17%)												
No Action Alternative	51.7	44.7	39.6	38.3	42.4	46.8	52.5	48.6	55.4	59.1	59.8	56.0
Alternative A	51.5	44.8	39.8	38.4	42.4	46.8	52.4	48.6	55.4	59.2	59.8	55.9
Difference	-0.2	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1
Percent Difference	-0.4%	0.0%	0.3%	0.2%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.19
Dry (22%)												
No Action Alternative	51.3	44.6	40.2	38.0	42.7	47.5	52.7	49.0	57.0	59.2	58.4	55.0
Alternative A	51.1	44.5	40.2	38.2	42.7	47.4	52.5	49.1	57.1	59.0	58.7	54.9
Difference	-0.2	-0.2	0.0	0.2	0.0	-0.1	-0.2	0.0	0.1	-0.1	0.4	-0.1
Percent Difference	-0.4%	-0.4%	-0.1%	0.6%	0.0%	-0.2%	-0.4%	0.1%	0.1%	-0.2%	0.6%	-0.29
Critical (15%)												
No Action Alternative	54.5	45.2	38.4	38.8	43.4	47.9	52.3	51.9	59.7	61.8	61.0	58.9
Alternative A	54.1	45.2	38.6	39.0	43.4	47.8	52.4	51.7	59.6	62.0	60.0	57.7
Difference	-0.4	0.0	0.2	0.2	0.0	-0.1	0.1	-0.2	-0.1	0.2	-1.0	-1.3
Percent Difference	-0.7%	0.1%	0.5%	0.4%	0.0%	-0.2%	0.2%	-0.3%	-0.2%	0.4%	-1.6%	-2.19

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

3 Relative difference of the monthly average



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

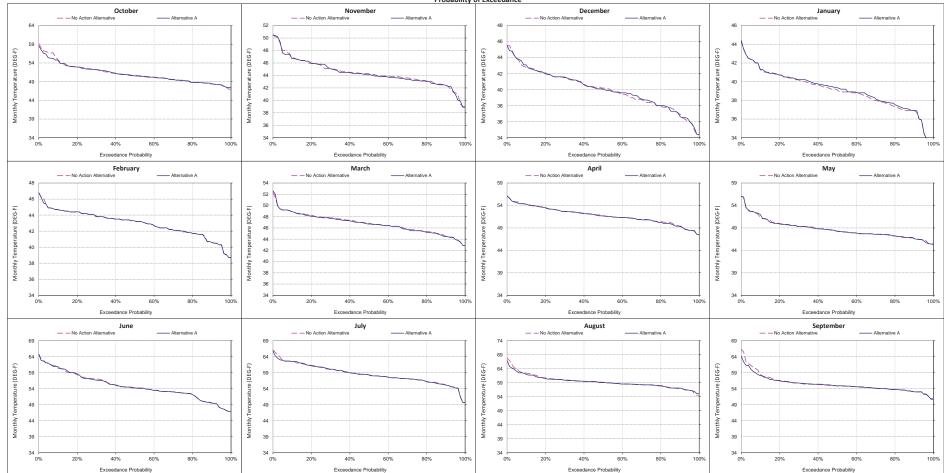


Table SQ-34-3b
Trinity River at Douglas City, Monthly Temperature
Probability of Exceedance

		October					November					December					January		
Percent Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Percent Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Percent Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Percent Exceedance	No Action Alternative	Alternative A	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	 Difference 	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	 Difference 	Difference (%)
(%)	(DFG-F)	(DFG-F)	(DEG-F)	Difference (76)	(%)	(DFG-F)	(DEG-F)	(DEG-F)	Difference (76)	(%)	(DEG-F)	(DFG-F)	(DEG-F)	Difference (76)	(%)	(DFG-F)	(DFG-F)	(DEG-F)	Difference (76)
0.0%	59.2	58.6	-0.6	-1.0%	0.0%	50.5	50.5	0.0	0.0%	0.0%	45.5	45.5	0.0	0.0%	0.0%	44.4	44.4	0.0	0.0%
1.2%	58.0	57.5	-0.5	-0.9%	1.2%	50.2	50.4	0.2	0.4%	1.2%	45.5	44.9	-0.6	-1.3%	1.2%	43.5	43.5	0.0	0.0%
2.5%	57.2	56.6	-0.6	-1.0%	2.5%	50.1	50.2	0.1	0.2%	2.5%	44.9	44.8	-0.1	-0.2%	2.5%	42.9	42.9	0.0	0.0%
3.7%	57.1	56.4	-0.7	-1.2%	3.7%	49.2	49.4	0.2	0.4%	3.7%	44.3	44.3	0.0	0.0%	3.7%	42.5	42.5	0.0	0.0%
4.9%	56.8	55.4	-1.4	-2.5%	4.9%	48.0	47.6	-0.4	-0.8%	4.9%	43.9	43.9	0.0	0.0%	4.9%	42.4	42.4	0.0	0.0%
6.2%	56.7	55.3	-1.4	-2.5%	6.2%	48.0	47.4	-0.6	-1.2%	6.2%	43.6	43.8	0.2	0.5%	6.2%	42.3	42.3	0.0	0.0%
7.4%	56.7	55.2	-1.5	-2.6%	7.4%	47.7	47.4	-0.3	-0.6%	7.4%	43.1	43.6	0.5	1.2%	7.4%	42.0	42.0	0.0	0.0%
8.6%	55.7	54.8	-0.9	-1.6%	8.6%	47.5	47.4	-0.1	-0.2%	8.6%	42.9	43.1	0.2	0.5%	8.6%	42.0	42.0	0.0	0.0%
9.9%	54.9	54.8	-0.1	-0.2%	9.9%	46.8	46.7	-0.1	-0.2%	9.9%	42.8	43.1	0.3	0.7%	9.9%	41.3	41.3	0.0	0.0%
11.1%	54.2	53.9	-0.3	-0.6%	11.1%	46.8	46.7	-0.1	-0.2%	11.1%	42.7	42.7	0.0	0.0%	11.1%	41.1	41.3	0.2	0.5%
12.3%	54.0	53.9	-0.1	-0.2%	12.3%	46.6	46.6	0.0	0.0%	12.3%	42.7	42.6	-0.1	-0.2%	12.3%	41.0	41.1	0.1	0.2%
13.6%	53.4	53.8	0.4	0.7%	13.6%	46.6	46.5	-0.1	-0.2%	13.6%	42.6	42.5	-0.1	-0.2%	13.6%	41.0	41.0	0.0	0.0%
14.8%	53.2	53.3	0.1	0.2%	14.8%	46.4	46.4	0.0	0.0%	14.8%	42.5	42.4	-0.1	-0.2%	14.8%	41.0	40.9	-0.1	-0.2%
16.0%	53.1	53.1	0.0	0.0%	16.0%	46.4	46.4	0.0	0.0%	16.0%	42.3	42.3	0.0	0.0%	16.0%	41.0	40.9	-0.1	-0.2%
17.3%	53.1	53.0	-0.1	-0.2%	17.3%	46.3	46.3	0.0	0.0%	17.3%	42.3	42.2	-0.1	-0.2%	17.3%	40.8	40.9	0.1	0.2%
18.5%	53.0	53.0	0.0	0.0%	18.5%	46.0	46.3	0.3	0.7%	18.5%	42.2	42.2	0.0	0.0%	18.5%	40.8	40.8	0.0	0.0%
19.8%	52.9	52.9	0.0	0.0%	19.8%	45.9	46.0	0.1	0.2%	19.8%	42.1	42.0	-0.1	-0.2%	19.8%	40.7	40.7	0.0	0.0%
21.0%	52.9	52.9	0.0	0.0%	21.0%	45.9	45.9	0.0	0.0%	21.0%	42.0	41.9	-0.1	-0.2%	21.0%	40.7	40.7	0.0	0.0%
22.2%	52.8	52.6	-0.2	-0.4%	22.2%	45.8	45.9	0.1	0.2%	22.2%	41.8	41.9	0.1	0.2%	22.2%	40.5	40.5	0.0	0.0%
23.5%	52.8	52.5	-0.3	-0.6%	23.5%	45.8	45.8	0.0	0.0%	23.5%	41.7	41.7	0.0	0.0%	23.5%	40.5	40.5	0.0	0.0%
24.7%	52.5	52.4	-0.1	-0.2%	24.7%	45.7	45.8	0.1	0.2%	24.7%	41.6	41.6	0.0	0.0%	24.7%	40.5	40.4	-0.1	-0.2%
25.9%	52.5	52.4	-0.1	-0.2%	25.9%	45.3	45.8	0.5	1.1%	25.9%	41.6	41.6	0.0	0.0%	25.9%	40.4	40.4	0.0	0.0%
27.2%	52.4	52.3	-0.1	-0.2%	27.2%	45.1	45.7	0.6	1.3%	27.2%	41.6	41.6	0.0	0.0%	27.2%	40.4	40.4	0.0	0.0%
28.4%	52.3	52.2	-0.1	-0.2%	28.4%	45.1	45.3	0.2	0.4%	28.4%	41.6	41.6	0.0	0.0%	28.4%	40.2	40.3	0.1	0.2%
29.6%	52.2	52.2	0.0	0.0%	29.6%	45.0	45.1	0.1	0.2%	29.6%	41.6	41.5	-0.1	-0.2%	29.6%	40.2	40.2	0.0	0.0%
30.9%	52.2	52.1	-0.1	-0.2%	30.9%	45.0	45.0	0.0	0.0%	30.9%	41.5	41.5	0.0	0.0%	30.9%	40.1	40.2	0.1	0.2%
32.1%	51.8	52.1	0.3	0.6%	32.1%	45.0	44.9	-0.1	-0.2%	32.1%	41.4	41.3	-0.1	-0.2%	32.1%	40.0	40.2	0.2	0.5%
33.3%	51.7	52.0 51.9	0.3	0.6%	33.3%	44.9 44.8	44.8 44.5	-0.1	-0.2%	33.3%	41.2	41.3	0.1	0.2%	33.3%	40.0	40.2	0.2	0.5%
34.6% 35.8%	51.6 51.6	51.9 51.7	0.3	0.6%	34.6% 35.8%	44.8 44.6	44.5 44.5	-0.3 -0.1	-0.7% -0.2%	34.6% 35.8%	41.2	41.2 41.2	0.0	0.0%	34.6% 35.8%	39.9 39.9	40.1 40.0	0.2	0.5%
35.8% 37.0%	51.6 51.4	51.7	0.1 0.2	0.2%	35.8%	44.b 44.6	44.5 44.5	-0.1	-0.2%	35.8%	41.2 41.1	41.2 41.0	-0.1	-0.2%	35.8%	39.9	40.0 39.9	0.1	0.5%
	51.3			0.4%	38.3%	44.6	44.5				40.9	41.0		0.2%	38.3%	39.7	39.8		
38.3% 39.5%	51.2	51.4 51.3	0.1	0.2%	39.5%	44.5	44.5	-0.1 0.0	-0.2% 0.0%	38.3% 39.5%	40.7	40.7	0.1	0.2%	39.5%	39.6	39.8	0.1 0.2	0.3%
40.7%	51.2	51.3	-0.1	-0.2%	40.7%	44.5	44.4	-0.1	-0.2%	40.7%	40.7	40.7	-0.1	-0.2%	40.7%	39.6	39.7	0.2	0.3%
42.0%	51.1	51.0	-0.1	-0.2%	40.7%	44.4	44.4	-0.1	-0.2%	42.0%	40.4	40.5 40.4	0.0	0.0%	40.7%	39.5	39.7	0.1	0.5%
43.2%	51.0	50.9	-0.1	-0.2%	43.2%	44.4	44.3	-0.1	-0.2%	43.2%	40.4	40.4	0.0	0.0%	43.2%	39.4	39.6	0.2	0.5%
44.4%	50.9	50.9	0.0	0.0%	44.4%	44.4	44.3	-0.1	-0.2%	44.4%	40.4	40.3	-0.1	-0.2%	44.4%	39.4	39.6	0.2	0.5%
45.7%	50.9	50.9	0.0	0.0%	45.7%	44.3	44.3	0.0	0.0%	45.7%	40.3	40.2	-0.1	-0.2%	45.7%	39.3	39.5	0.2	0.5%
46.9%	50.9	50.7	-0.2	-0.4%	46.9%	44.3	44.2	-0.1	-0.2%	46.9%	40.3	40.1	-0.1	-0.5%	46.9%	39.2	39.5	0.3	0.8%
48.1%	50.7	50.6	-0.1	-0.2%	48.1%	44.3	44.1	-0.2	-0.5%	48.1%	40.3	40.1	-0.2	-0.5%	48.1%	39.2	39.4	0.2	0.5%
49.4%	50.7	50.6	-0.1	-0.2%	49.4%	44.3	44.1	-0.2	-0.5%	49.4%	40.2	40.1	-0.1	-0.2%	49.4%	39.2	39.4	0.2	0.5%
50.6%	50.7	50.5	-0.2	-0.4%	50.6%	44.2	44.1	-0.1	-0.2%	50.6%	40.2	40.0	-0.2	-0.5%	50.6%	39.0	39.3	0.3	0.8%
51.9%	50.6	50.5	-0.1	-0.2%	51.9%	44.2	44.0	-0.2	-0.5%	51.9%	40.1	39.9	-0.2	-0.5%	51.9%	38.9	39.2	0.3	0.8%
53.1%	50.6	50.4	-0.2	-0.4%	53.1%	44.1	43.9	-0.2	-0.5%	53.1%	40.1	39.9	-0.2	-0.5%	53.1%	38.9	39.2	0.3	0.8%
54.3%	50.5	50.4	-0.1	-0.2%	54.3%	44.0	43.9	-0.1	-0.2%	54.3%	39.9	39.8	-0.1	-0.3%	54.3%	38.9	39.2	0.3	0.8%
55.6%	50.4	50.3	-0.1	-0.2%	55.6%	44.0	43.8	-0.2	-0.5%	55.6%	39.8	39.7	-0.1	-0.3%	55.6%	38.9	38.9	0.0	0.0%
56.8%	50.4	50.2	-0.2	-0.4%	56.8%	43.9	43.8	-0.1	-0.2%	56.8%	39.7	39.7	0.0	0.0%	56.8%	38.9	38.9	0.0	0.0%
58.0%	50.3	50.2	-0.1	-0.2%	58.0%	43.9	43.8	-0.1	-0.2%	58.0%	39.6	39.7	0.1	0.3%	58.0%	38.8	38.9	0.1	0.3%
59.3%	50.2	50.2	0.0	0.0%	59.3%	43.9	43.8	-0.1	-0.2%	59.3%	39.5	39.6	0.1	0.3%	59.3%	38.8	38.9	0.1	0.3%
60.5%	50.2	50.1	-0.1	-0.2%	60.5%	43.9	43.7	-0.2	-0.5%	60.5%	39.4	39.6	0.2	0.5%	60.5%	38.8	38.8	0.0	0.0%
61.7%	50.1	50.0	-0.1	-0.2%	61.7%	43.8	43.7	-0.1	-0.2%	61.7%	39.4	39.6	0.2	0.5%	61.7%	38.7	38.8	0.1	0.3%
63.0%	50.1	50.0	-0.1	-0.2%	63.0%	43.8	43.7	-0.1	-0.2%	63.0%	39.2	39.5	0.3	0.8%	63.0%	38.6	38.8	0.2	0.5%
64.2%	50.0	50.0	0.0	0.0%	64.2%	43.8	43.6	-0.2	-0.5%	64.2%	39.0	39.5	0.5	1.3%	64.2%	38.5	38.8	0.3	0.8%
65.4%	50.0	49.9	-0.1	-0.2%	65.4%	43.8	43.6	-0.2	-0.5%	65.4%	39.0	39.3	0.3	0.8%	65.4%	38.4	38.6	0.2	0.5%
66.7%	49.8	49.8	0.0	0.0%	66.7%	43.7	43.5	-0.2	-0.5%	66.7%	38.8	39.3	0.5	1.3%	66.7%	38.3	38.5	0.2	0.5%
67.9%	49.7	49.6	-0.1	-0.2%	67.9%	43.6	43.5	-0.1	-0.2%	67.9%	38.8	39.2	0.4	1.0%	67.9%	38.1	38.4	0.3	0.8%
69.1%	49.6	49.5	-0.1	-0.2%	69.1%	43.6	43.4	-0.2	-0.5%	69.1%	38.8	38.9	0.1	0.3%	69.1%	38.0	38.3	0.3	0.8%
70.4%	49.6	49.5	-0.1	-0.2%	70.4% 71.6%	43.6	43.4	-0.2	-0.5%	70.4%	38.7	38.8	0.1	0.3%	70.4%	38.0	38.1	0.1	0.3%
71.6%	49.5	49.4	-0.1	-0.2%		43.5	43.3	-0.2	-0.5%	71.6%	38.5	38.7	0.2	0.5%	71.6%	37.9	38.0	0.1	0.3%
72.8% 74.1%	49.4 49.4	49.4 49.3	0.0 -0.1	-0.2%	72.8% 74.1%	43.4 43.4	43.2 43.2	-0.2 -0.2	-0.5% -0.5%	72.8% 74.1%	38.4 38.4	38.7 38.6	0.3	0.8%	72.8% 74.1%	37.8 37.8	37.9 37.9	0.1	0.3%
			-0.1 -0.1				43.2 43.2					38.6 38.5				37.8 37.7	37.9 37.8	0.1	
75.3% 76.5%	49.4 49.2	49.3 49.2	0.0	-0.2% 0.0%	75.3% 76.5%	43.3 43.2	43.2	-0.1 -0.1	-0.2% -0.2%	75.3% 76.5%	38.4 38.4	38.5	0.1	0.3%	75.3% 76.5%	37.7	37.8 37.8	0.1	0.3%
76.5%	49.2 49.2	49.2 49.2		0.0%	76.5%	43.2	43.1	-0.1	-0.2%	76.5%	38.4	38.4	0.0	0.0%	76.5%	37.7 37.5	37.8	0.1	0.5%
79.0%	49.2	48.8	0.0 -0.2	-0.4%	77.8%	43.2	43.1	-0.1	-0.2%	79.0%	38.0	38.0	0.0	0.0%	77.8%	37.5	37.7	0.3	0.8%
80.2%	48.8	48.8	0.0	0.0%	80.2%	43.1	43.0	-0.1	-0.2%	80.2%	37.9	38.0	0.0	0.3%	80.2%	37.3	37.5	0.3	0.5%
80.2% 81.5%	48.8 48.8	48.8 48.8	0.0	0.0%	80.2% 81.5%	43.1	43.0	-0.1	-0.2%	80.2%	37.9 37.8	38.0	0.1	0.5%	80.2% 81.5%	37.3 37.2	37.5 37.4	0.2	0.5%
82.7%	48.8	48.8	0.0	0.0%	82.7%	43.0	43.0	-0.1	-0.2%	82.7%	37.8	37.9	0.2	0.5%	82.7%	37.2	37.3	0.2	0.5%
84.0%	48.7	48.8	0.0	0.0%	84.0%	42.7	42.7	0.0	0.0%	84.0%	37.8	37.8	0.0	0.0%	84.0%	37.0	37.2	0.2	0.5%
85.2%	48.7	48.7	0.0	0.0%	85.2%	42.6	42.6	0.0	0.0%	85.2%	37.7	37.3	-0.4	-1.1%	85.2%	36.9	37.1	0.2	0.5%
86.4%	48.6	48.6	0.0	0.0%	86.4%	42.6	42.5	-0.1	-0.2%	86.4%	37.6	37.3	-0.4	-0.8%	86.4%	36.9	37.1	0.2	0.5%
87.7%	48.6	48.6	0.0	0.0%	87.7%	42.6	42.5	-0.1	-0.2%	87.7%	37.3	37.3	0.0	0.0%	87.7%	36.9	37.0	0.1	0.3%
88.9%	48.4	48.6	0.0	0.4%	88.9%	42.5	42.5	0.0	0.0%	88.9%	37.1	37.1	0.0	0.0%	88.9%	36.9	36.9	0.0	0.0%
90.1%	48.4	48.4	0.0	0.0%	90.1%	42.4	42.4	0.0	0.0%	90.1%	36.9	36.6	-0.3	-0.8%	90.1%	36.9	36.9	0.0	0.0%
91.4%	48.3	48.3	0.0	0.0%	91.4%	42.2	42.2	0.0	0.0%	91.4%	36.5	36.5	0.0	0.0%	91.4%	36.7	36.9	0.2	0.5%
92.6%	48.2	48.2	0.0	0.0%	92.6%	41.7	42.2	0.5	1.2%	92.6%	36.3	36.5	0.2	0.6%	92.6%	36.0	36.0	0.0	0.0%
93.8%	48.2	48.2	0.0	0.0%	93.8%	41.3	41.4	0.1	0.2%	93.8%	36.1	36.4	0.3	0.8%	93.8%	35.9	35.9	0.0	0.0%
95.1%	48.1	48.1	0.0	0.0%	95.1%	41.2	40.9	-0.3	-0.7%	95.1%	36.0	36.0	0.0	0.0%	95.1%	34.5	34.5	0.0	0.0%
96.3%	47.6	47.8	0.2	0.4%	96.3%	40.9	40.0	-0.9	-2.2%	96.3%	35.7	35.7	0.0	0.0%	96.3%	33.9	33.9	0.0	0.0%
97.5%	47.5	47.5	0.0	0.0%	97.5%	39.4	39.9	0.5	1.3%	97.5%	34.9	35.2	0.3	0.9%	97.5%	33.7	33.7	0.0	0.0%
98.8%	47.0	47.4	0.4	0.9%	98.8%	39.0	38.9	-0.1	-0.3%	98.8%	34.4	34.4	0.0	0.0%	98.8%	28.9	28.9	0.0	0.0%
100.0%	47.0	47.4	0.4	0.9%	100.0%	39.0	38.9	-0.1	-0.3%	100.0%	34.4	34.4	0.0	0.0%	100.0%	28.9	28.9	0.0	0.0%

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

May

March

February

	Percent		rebluary			Percent					Percent		Aprii			Percent				
		No Action Alternative	Alternative A	Absolute	Relative		No Action Alternative	Alternative A	Absolute	Relative		No Action Alternative	Alternative A	Absolute	Relative		No Action Alternative	Alternative A	Absolute	Relative
No.	Probability	Monthly Temperature	Monthly Temperature		Difference (%)	Probability	Monthly Temperature	Monthly Temperature		Difference (%)	Probability	Monthly Temperature	Monthly Temperature		Difference (%)	Probability	Monthly Temperature	Monthly Temperature		Difference (%)
Color				(DEG-F)																
250	0.0%			0.0		0.0%	52.3		0.3		0.0%	56.1		0.0		0.0%			0.0	0.0%
1.00	1.2%	46.2	46.2	0.0	0.0%	1.2%	51.4	52.0	0.6	1.2%	1.2%	55.6	55.7	0.1	0.2%		55.9	55.9	0.0	0.0%
Mary						2.5%					2.5%									-0.2%
Color																				
The 140																				
14.5																				
April																				
11 14 14 14 16 16 16 16	8.6%									0.0%	8.6%				0.0%				0.2	0.4%
12.50																				
144	11.1%									0.0%	11.1%					11.1%				0.0%
140																				
Section Add																				
1750 444																			-0.5	
150, 444																				
1960 444 444 00 005																				
1995 1996											18.5%									
22.5																				
2000 100																				
1																				
25.00																				
27.5																			0.1	
28.66	27.3%									-0.2%	27.3%				0.0%	27.2%			0.0	0.0%
200 413		44.1				28.4%		47.0			28.4%						49.5	49.5	0.0	
3500. 408 448 00 000. 3500. 474 477 401 478 200. 500. 500. 500. 500. 500. 500. 500.																				0.0%
Str. 43	30.9%					30.9%				-0.2%	30.9%				-0.2%	30.9%				0.0%
Str. 43																				
340. 417																				
35.00																				
37 10																				
93.76. 43.8	37.0%		43.6			37.0%	47.5				37.0%									
200, 4.3 4.3 0.0 0.0 200,	38.3%	43.6	43.6	0.0	0.0%	38.3%	47.4	47.3	-0.1	-0.2%	38.3%	52.4	52.3	-0.1	-0.2%	38.3%	49.0	48.9	-0.1	
40 7%	39.5%					39.5%			-0.1		39.5%			-0.1		39.5%			-0.1	
420% 435 436 436 436 437 427 471 472 473 473 474 42 425 426 426 427 427 427 427 427 427 427 427 427 427				0.0	0.0%					-0.2%					0.0%					0.0%
44-00	42.0%		43.5	0.0		42.0%		47.1			42.0%							48.8	0.0	0.0%
444% 434 400 00 00% 444% 470 470 00 00% 444% 521 520 41 02% 444% 487 487 00 00% 444% 521 520 41 02% 444% 487 487 00 00% 444% 521 520 41 02% 444% 487 487 00 00% 444% 521 521 520 41 02% 444% 487 487 00 00% 444% 521 521 520 41 02% 444% 487 487 00 00% 444% 521 521 520 41 02% 444% 487 487 00 00% 444% 521 521 521 521 521 521 521 521 521 521	43.2%	43.4	43.4	0.0	0.0%	43.2%	47.1	47.0	-0.1	-0.2%	43.2%	52.1	52.1	0.0	0.0%	43.2%	48.8	48.7	-0.1	-0.2%
449% 43.4 43.4 0.0 0.0% 46.9% 47.0 46.9 46.9 47.1 0.2% 46.9% 47.0 19.9 51.8 0.1 0.2% 46.9% 48.5 43.1 0.2% 48.5% 48.5 43.1 0.2% 48.5% 48.5 43.1 0.2% 48.5% 48.5 43.1 0.2% 48.5% 48.5 43.1 0.2% 48.5% 48.5 43.1 0.2% 48.5% 48.5 43.1 0.2% 48.5% 48.5 43.1 0.2% 48.5 43.		43.4		0.0	0.0%	44.4%			0.0	0.0%	44.4%	52.1	52.0	-0.1	-0.2%	44.4%			0.0	0.0%
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\$3.1% 432 432 0.0 0.0% \$3.1% 466 468 0.0 0.0% \$5.1% \$16 516 0.0 0.0% \$5.3.1% 482 481 0.0 1 0.0% \$5.5.5% 431 0.0 0.0% \$5.5.5% 483 0.0 0.0 0.0% \$5.5.5% 483 0.0 0.0 0.0 0.0% \$5.5.5% 483 0.0 0.0																				
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86.4% 41.3 41.2 -0.1 -0.2% 86.4% 45.0 44.8 -0.2 -0.4% 86.4% 49.9 49.7 -0.2 -0.4% 86.4% 46.9 46.9 0.0 0.0% 87.7% 40.7 0.0 0.0% 87.7% 44.9 44.9 44.9 44.9 87.7% 49.7 49.4 -0.3 -0.6% 87.7% 46.8 46.9 0.1 0.2% 89.9% 40.7 40.7 0.0 0.0% 88.9% 44.7 44.5 -0.2 -0.4% 88.9% 49.5 49.4 -0.1 -0.2% 88.9% 46.8 46.9 0.1 0.2% 91.4% 40.5 40.5 0.0 0.0% 90.1% 44.5 44.5 0.0 0.0% 90.1% 49.4 49.3 -0.1 -0.2% 89.0% 46.8 46.9 0.1 0.2% 91.4% 40.5 40.5 0.0 0.0% 91.4% 44.4 44.4 0.0 0.0% 91.4% 49.4 49.1 -0.3 -0.6% 91.4% 46.5 46.5 0.0 0.0% 92.6% 40.5 40.5 0.0 0.0% 92.6% 44.4 44.3 -0.1 -0.2% 92.6% 48.7 48.7 0.0 0.0% 92.8% 46.4 46.5 0.1 0.2% 93.8% 46.5 46.5 0.1 0.2% 93.8% 40.3 40.3 0.0 0.0% 93.8% 44.3 44.3 -0.1 -0.2% 92.6% 48.7 48.7 0.0 0.0% 93.8% 46.4 46.5 0.1 0.2% 95.5% 40.3 40.3 0.0 0.0% 95.1% 43.9 43.9 0.0 0.0% 95.1% 48.4 48.4 0.0 0.0% 95.1% 46.4 46.1 -0.3 -0.0% 95.5% 48.5 40.3 40.3 0.0 0.0% 95.5% 43.8 43.8 0.0 0.0% 95.5% 48.4 48.4 0.0 0.0% 95.5% 46.4 46.4 46.1 -0.3 -0.0% 95.5% 48.5 48.5 0.0 0.0% 96.3% 48.4 48.4 0.0 0.0% 95.5% 46.4 46.1 46.7 -0.4 -0.9% 95.8% 38.7 38.7 38.7 0.0 0.0% 98.8% 42.9 42.9 0.0 0.0% 98.8% 47.5 47.5 0.0 0.0% 98.8% 45.3 45.5 0.0 0.0% 98.8% 45.3 45.5 0.0 0.0% 98.8% 47.5 47.5 0.0 0.0% 98.8% 45.3 45.5 0.1 0.2% 98.8% 45.3 45.5 0.1 0.2% 98.8% 47.5 47.5 0.0 0.0% 98.8% 45.3 45.5 0.1 0.2% 98.8% 45.3 45.5 0.1 0.2% 98.8% 47.5 47.5 0.0 0.0% 98.8% 45.3 45.5 0.1 0.2% 98.8% 45.3 45.5 0.1 0.2% 98.8% 47.5 47.5 0.0 0.0% 98.8% 45.3 45.5 0.1 0.2% 98.8% 45.3 45.5 0.1 0.2% 98.8% 47.5 47.5 0.0 0.0% 98.8% 45.3 45.5 0.1 0.2% 98.8% 45.3 45.5 0.1 0.2% 98.8% 47.5 47.5 0.0 0.0% 98.8% 45.3 45.5 0.1 0.2% 98.8% 47.5 47.5 0.0 0.0% 98.8% 45.3 45.5 0.1 0.2% 98.8% 47.5 47.5 0.0 0.0% 98.8% 45.3 45.5 0.1 0.2% 98.8% 47.5 47.5 0.0 0.0% 98.8% 45.3 45.5 0.1 0.2% 98.8% 47.5 47.5 0.0 0.0% 98.8% 45.3 45.5 0.1 0.2% 98.8% 47.5 47.5 0.0 0.0% 98.8% 45.3 45.5 0.1 0.2% 98.8% 47.5 47.5 0.0 0.0% 98.8% 45.3 45.5 0.1 0.2% 98.8% 47.5 47.5 0.0 0.0% 98.8% 47.5 47.5 0.0 0.0% 98.8% 45.3 45.5 0.1 0.2% 98.8% 47.5 47.5 0.0 0.0% 98.8% 47.5 47.5 0.0 0.0% 98.8% 47.5 47.5 0.0 0.0% 98.8		41.6	41.6	0.0	0.0%	85.2%	45.0	45.0	0.0	0.0%	85.2%	50.2		-0.3	-0.6%	85.2%		46.9	0.0	
87.7% 40.7 40.7 0.0 0.0% 87.7% 44.9 44.7 0.2 0.4% 87.7% 49.7 49.4 0.3 0.6% 87.7% 46.8 46.9 0.1 0.2% 89.9% 40.7 40.7 0.0 0.0% 88.9% 44.7 44.5 0.2 0.4% 88.9% 49.5 49.4 0.1 0.2% 88.9% 46.8 89.9% 46.8 89.9% 40.6 40.6 0.0 0.0% 90.1% 44.5 44.5 0.0 0.0% 90.1% 49.4 49.1 0.3 0.6% 90.1% 46.7 46.6 0.1 0.2% 90.1% 46.7 46.6 0.1 0.2% 90.1% 40.5 0.0 0.0% 91.4% 44.4 44.4 0.0 0.0% 91.4% 49.4 49.1 0.3 0.6% 91.4% 46.5 46.5 0.0 0.0% 92.6% 40.5 0.0 0.0% 92.6% 44.4 44.3 0.1 0.2% 92.6% 48.7 48.7 0.0 0.0% 92.6% 46.4 46.5 0.1 0.2% 93.8% 40.3 0.0 0.0% 93.8% 44.3 44.3 0.0 0.0% 93.8% 48.6 48.6 0.0 0.0% 93.8% 46.4 46.5 0.1 0.2% 95.1% 96.3% 48.9 40.3 0.0 0.0% 95.1% 46.4 46.4 46.4 0.0 0.0% 95.1% 48.4 48.4 0.0 0.0% 95.1% 46.4 46.1 0.3 0.0% 95.1% 46.4 46.1 0.3 0.0% 95.1% 48.4 48.4 0.0 0.0% 95.1% 46.4 46.1 0.3 0.6% 97.5% 39.2 39.2 39.2 0.0 0.0% 95.3% 43.8 43.8 0.0 0.0% 95.5% 48.3 48.4 0.1 0.2% 97.5% 45.5 45.5 0.0 0.0% 98.8% 45.3 45.5 0.0 0.0% 98.8% 47.5 47.5 0.0 0.0% 97.5% 45.3 45.4 0.1 0.2% 98.8% 45.3 45.4 0.1 0.2% 98.8% 45.3 45.4 0.1 0.2% 98.8% 45.3 45.4 0.1 0.2% 98.8% 45.3 45.4 0.1 0.2%	86.4%			-0.1	-0.2%	86.4%				-0.4%	86.4%	49.9		-0.2	-0.4%	86.4%			0.0	0.0%
90.1% 40.6 40.6 0.0 0.0% 90.1% 44.5 44.5 0.0 0.0% 90.1% 49.4 49.3 -0.1 -0.2% 90.1% 46.7 46.6 -0.1 -0.2% 90.1% 46.7 46.5 0.0 0.0% 91.4% 40.5 0.0 0.0% 91.4% 44.4 44.4 0.0 0.0% 91.4% 49.1 -0.3 -0.6% 91.4% 46.5 46.5 0.1 0.0% 92.6% 40.5 40.5 0.0 0.0% 92.6% 44.4 44.3 -0.1 -0.2% 92.6% 48.7 48.7 0.0 0.0% 92.6% 46.4 46.5 0.1 0.2% 93.8% 40.3 40.3 0.0 0.0% 93.8% 44.3 44.3 0.0 0.0% 93.8% 46.6 48.6 0.0 0.0% 93.8% 46.4 46.5 0.1 0.2% 95.1% 46.4 46.5 0.1 0.0% 95.1% 40.3 40.3 0.0 0.0% 95.1% 43.9 43.9 0.0 0.0% 95.1% 48.4 48.4 0.0 0.0% 95.1% 46.4 46.1 0.3 -0.6% 97.5% 49.5 0.0 0.0% 95.3% 48.4 48.4 0.0 0.0% 95.1% 46.4 46.1 0.3 -0.6% 97.5% 99.3 99.2 0.0 0.0% 95.3% 43.8 43.8 0.0 0.0% 96.3% 48.4 48.4 0.0 0.0% 95.3% 46.4 46.1 46.7 0.4 -0.9% 97.5% 99.3 99.1 0.1 0.3% 97.5% 43.5 43.5 0.0 0.0% 97.5% 48.3 48.4 0.1 0.2% 97.5% 45.5 45.5 0.0 0.0% 98.8% 45.3 45.5 45.5 0.0 0.0% 98.8% 47.5 47.5 0.0 0.0% 98.8% 45.3 45.4 0.1 0.2%	87.7%			0.0	0.0%						87.7%			-0.3						0.2%
90.1% 40.6 40.6 0.0 0.0% 90.1% 44.5 44.5 0.0 0.0% 90.1% 49.4 49.3 -0.1 -0.2% 90.1% 46.7 46.6 -0.1 -0.2% 91.4% 40.5 0.0 0.0% 91.4% 40.5 40.5 0.0 0.0% 91.4% 44.4 44.4 0.0 0.0% 91.4% 49.1 -0.3 -0.6% 91.4% 46.5 46.5 0.0 0.0% 92.6% 40.5 40.5 0.0 0.0% 92.6% 44.4 44.3 -0.1 -0.2% 92.6% 48.7 48.7 0.0 0.0% 92.6% 46.4 46.5 0.1 0.2% 93.8% 40.3 40.3 0.0 0.0% 93.8% 44.3 44.3 0.0 0.0% 93.8% 48.6 48.6 48.6 0.0 0.0% 93.8% 46.4 46.5 0.1 0.2% 95.1% 46.4 46.1 0.0 0.0% 95.1% 40.3 40.3 0.0 0.0% 95.1% 43.9 43.9 0.0 0.0% 95.1% 48.4 48.4 0.0 0.0% 95.1% 46.4 46.1 -0.3 -0.6% 97.5% 97.5% 97.5% 97.5% 97.5% 47.5 0.0 0.0% 97.5% 48.3 48.4 0.1 0.2% 97.5% 45.5 45.5 0.0 0.0% 98.8% 47.5 47.5 0.0 0.0% 98.8% 45.3 45.4 0.1 0.2%								44.5						-0.1					0.1	
91.4% 40.5 40.5 0.0 0.0% 91.4% 44.4 44.4 0.0 0.0% 91.4% 49.4 49.1 -0.3 -0.6% 91.4% 46.5 46.5 0.0 0.0% 92.6% 40.5 0.0 0.0% 92.6% 40.5 0.0 0.0% 92.6% 40.5 0.0 0.0% 92.6% 48.7 48.7 0.0 0.0% 92.6% 48.6 46.4 46.5 0.1 0.2% 93.8% 40.3 40.3 0.0 0.0% 93.8% 44.3 44.3 0.0 0.0% 93.8% 48.6 48.6 0.0 0.0% 93.8% 46.4 46.4 0.0 0.0% 95.1% 40.3 0.0 0.0% 95.1% 40.3 0.0 0.0% 95.1% 43.9 43.9 0.0 0.0% 95.1% 48.4 48.4 0.0 0.0% 95.1% 46.4 46.1 -0.3 -0.6% 96.3% 48.6 48.6 0.0 0.0% 95.1% 46.4 46.1 -0.3 -0.6% 96.3% 48.6 48.6 0.0 0.0% 95.1% 46.4 46.1 -0.3 -0.6% 96.3% 46.1 48.4 0.0 0.0% 96.3% 46.1 45.7 -0.4 -0.9% 97.5% 98.0 99.1 0.1 0.3% 97.5% 43.5 43.5 0.0 0.0% 97.5% 48.3 48.4 0.1 0.2% 97.5% 45.5 45.5 0.0 0.0% 98.8% 47.5 47.5 0.0 0.0% 98.8% 45.3 45.4 0.1 0.2%					0.0%															-0.2%
92.6% 40.5 40.5 0.0 0.0% 92.6% 44.4 44.3 0.1 0.2% 92.6% 48.7 48.7 0.0 0.0% 92.6% 46.4 46.5 0.1 0.2% 93.8% 40.3 40.3 0.0 0.0% 93.8% 44.3 44.3 0.0 0.0% 93.8% 48.6 48.6 0.0 0.0% 93.8% 48.4 48.6 0.0 0.0% 95.1% 46.4 46.1 0.0 0.0% 95.1% 48.4 48.4 0.0 0.0% 95.1% 46.4 46.1 0.3 0.6% 95.1% 48.4 48.4 0.0 0.0% 95.1% 46.4 46.1 0.3 0.6% 95.1% 48.4 48.4 0.0 0.0% 95.1% 46.4 46.1 0.3 0.6% 97.5% 99.0 39.1 0.1 0.3% 97.5% 43.5 0.0 0.0% 97.5% 48.3 48.4 0.1 0.2% 97.5% 45.5 45.5 0.0 0.0% 98.8% 47.5 47.5 0.0 0.0% 98.8% 45.3 45.4 5.1 0.2 0.0 0.0%	91.4%	40.5	40.5			91.4%				0.0%	91.4%	49.4			-0.6%		46.5		0.0	0.0%
93.8% 40.3 40.3 0.0 0.0% 93.8% 44.3 44.3 0.0 0.0% 93.8% 48.6 48.6 0.0 0.0% 93.8% 46.4 46.4 0.0 0.0% 95.1% 40.3 40.3 0.0 0.0% 95.1% 43.9 43.9 0.0 0.0% 95.1% 48.4 48.4 0.0 0.0% 95.1% 46.4 46.1 -0.3 -0.6% 96.3% 93.2 39.2 0.0 0.0% 96.3% 43.8 43.8 0.0 0.0% 96.3% 48.4 48.4 0.0 0.0% 96.3% 46.1 45.7 -0.4 -0.9% 97.5% 93.0 39.1 0.1 0.3% 97.5% 43.5 43.5 0.0 0.0% 97.5% 48.3 48.4 0.1 0.2% 97.5% 45.5 45.5 0.0 0.0% 98.8% 47.5 47.5 0.0 0.0% 98.8% 45.3 45.4 0.1 0.2%	92.6%	40.5	40.5	0.0		92.6%	44.4	44.3	-0.1	-0.2%	92.6%	48.7	48.7	0.0	0.0%	92.6%	46.4	46.5	0.1	0.2%
96.3% 39.2 39.2 0.0 0.0% 96.3% 43.8 43.8 0.0 0.0% 96.3% 48.4 48.4 0.0 0.0% 96.3% 46.1 45.7 -0.4 -0.9% 97.5% 39.0 39.1 0.1 0.3% 97.5% 43.5 43.5 0.0 0.0% 97.5% 48.3 48.4 0.1 0.2% 97.5% 45.5 45.5 0.0 0.0% 98.8% 38.7 38.7 0.0 0.0% 98.8% 42.9 42.9 0.0 0.0% 98.8% 47.5 47.5 0.0 0.0% 98.8% 45.3 45.4 0.1 0.2%	93.8%			0.0	0.0%	93.8%			0.0	0.0%	93.8%		48.6		0.0%	93.8%		46.4	0.0	0.0%
96.3% 39.2 39.2 0.0 0.0% 96.3% 43.8 43.8 0.0 0.0% 96.3% 48.4 48.4 0.0 0.0% 96.3% 46.1 45.7 -0.4 -0.9% 97.5% 39.0 39.1 0.1 0.3% 97.5% 43.5 43.5 0.0 0.0% 97.5% 48.3 48.4 0.1 0.2% 97.5% 45.5 45.5 0.0 0.0% 98.8% 38.7 38.7 0.0 0.0% 98.8% 42.9 42.9 0.0 0.0% 98.8% 47.5 47.5 0.0 0.0% 98.8% 45.3 45.4 0.1 0.2%																				-0.6%
98.8% 38.7 38.7 0.0 0.0% 98.8% 42.9 42.9 0.0 0.0% 98.8% 47.5 47.5 0.0 0.0% 98.8% 45.3 45.4 0.1 0.2%	96.3%	39.2	39.2		0.0%	96.3%				0.0%	96.3%			0.0	0.0%	96.3%			-0.4	-0.9%
100.0% 38.7 38.7 0.0 0.0% 100.0% 42.9 42.9 0.0 0.0% 100.0% 47.5 47.5 0.0 0.0% 100.0% 45.3 45.4 0.1 0.2%																				
	100.0%	38.7	38.7	0.0	0.0%	100.0%	42.9	42.9	0.0	0.0%	100.0%	47.5	47.5	0.0	0.0%	100.0%	45.3	45.4	0.1	0.2%

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

August

September

Percent Percent Percent Percent No Action Alternative Alternative A Absolute Relative Exceedance Relative Relative Relative Exceedance Difference Difference Difference Difference Monthly Temperature Difference (%) Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% 0.0% 64.8 64.8 0.0% 0.0% 66.1 65.7 -0.6% 0.0% 67.8 66.9 -1.3% 66.3 64.2 -3.2% -1.5% 1.2% 63.2 62.8 -0.4 -0.6% 1.2% 65.3 64.3 -1.0 1.2% 66.9 64.8 -2.1 -3.1% 1.2% 65.5 62.4 -3.1 -4.7% 2.5% 62.8 62.6 -0.3% 2.5% 64.5 63.5 -1.6% 2.5% 65.5 64.2 -2.0% 2.5% 62.4 61.3 -1.8% 3.7% 3.7% 62.1 62.1 0.0 0.0% 3.7% 63.8 63.0 -0.8 -1.3% 3.7% 64.2 63.8 -0.4 -0.6% 61.8 61.3 -0.5 -0.8% 4.9% 62.0 62.0 0.0 0.0% 4.9% 62.9 62.9 0.0 0.0% 4.9% 64.2 63.1 -1.7% 4.9% 61.3 60.2 -1.8% 6.2% 6.2% 6.2% 6.2% 61.5 61.5 0.0 0.0% 62.7 62.6 -0.1 -0.2% 63.1 62.5 -0.6 -1.0% 60.7 59.4 -1.3 -2.1% 7.4% 61.3 -0.5% 7.4% 62.6 0.0 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55.5 55.4 -0.1 -0.2% 87.7% 57.0 57.1 0.1 0.2% 87.7% 53.3 53.3 0.0 0.0% 88.9% 49.8 49.6 -0.2 -0.4% 88.9% 55.4 55.3 -0.1 -0.2% 88.9% 56.9 57.1 0.2 0.4% 88.9% 53.2 53.1 -0.1 -0.2% 90.1% 49.5 49.5 0.0 0.0% 90.1% 55.1 55.1 0.0 0.0% 90.1% 56.9 57.1 0.2 0.4% 90.1% 53.0 53.0 0.0 0.0% 91.4% 49.4 49.4 91.4% 91.4% 56.8 91.4% 53.0 53.0 0.0 91.4% 92.6% 92.6% 49.2 493 0.1 0.2% 54.6 54.6 0.0 0.0% 56.4 56.5 0.1 0.2% 92.6% 53.0 53.0 0.0% 93.8% 54.5 56.4 93.8% 53.0 48.2 48.2 0.0 0.0% 93.8% 54.6 -0.1-0.2% 93.8% 56.3 0.2% 53.0 0.0 0.0% 95.1% 95.1% 95.1% 95.1% 47.8 47.8 0.0 0.0% 54.2 54.2 0.0 0.0% 56.3 56.3 0.0 0.0% 52.6 52.2 -0.4 -0.8% 96.3% 47.6 0.0% 96.3% 54.1 51.4 54.2 51.4 0.2% 96.3% 97.5% 56.1 96.3% 97.5% 52.3 51.5 -0.1 0.1 -0.2% 97.5% 97.5% 47.2 47.2 0.0 0.0% 0.0 0.0% 55.1 55.9 0.8 1.5% 51.6 0.2% 0.2% 0.0% 98.8% -0.4% 100.0% 100.0% 100.0% 46.8 46.9 0.1 0.2% 100.0% 49.7 49.7 0.0 0.0% 54.5 55.1 0.6 1.1% 50.9 50.7 -0.2 -0.4%

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

					Mon	thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	53.2	44.1	39.8	38.5	43.1	46.6	53.5	51.2	58.8	64.5	64.6	59.1
Alternative A	53.1	44.0	39.8	38.6	43.0	46.6	53.5	51.2	58.8	64.4	64.6	59.0
Difference	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1
Percent Difference ³	-0.2%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.19
				Water Y	ear Types	2						
Wet (32%)												
No Action Alternative	52.5	44.1	40.5	39.6	43.3	46.0	52.7	50.1	55.3	62.8	64.9	59.0
Alternative A	52.5	44.1	40.5	39.7	43.3	46.0	52.7	50.1	55.3	62.8	64.8	59.1
Difference	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1
Percent Difference	0.1%	0.0%	-0.1%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.2%
Above Normal (15%)												
No Action Alternative	52.5	42.8	39.6	38.3	43.1	46.4	53.5	50.3	57.8	63.4	64.1	58.3
Alternative A	52.5	42.7	39.5	38.3	43.1	46.4	53.5	50.3	57.7	63.1	64.0	58.3
Difference	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.3	-0.1	0.0
Percent Difference	0.0%	-0.2%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.5%	-0.1%	0.0%
Below Normal (17%)												
No Action Alternative	53.6	44.4	39.5	37.9	42.6	46.5	53.9	50.9	59.5	64.9	64.9	59.5
Alternative A	53.5	44.4	39.6	37.9	42.6	46.5	53.9	50.9	59.5	64.9	64.9	59.4
Difference	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Percent Difference	-0.2%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.19
Dry (22%)												
No Action Alternative	53.0	44.2	39.8	37.7	42.8	46.9	54.0	51.5	61.5	65.2	63.9	58.5
Alternative A	52.9	44.1	39.8	37.8	42.8	46.9	53.9	51.5	61.5	65.2	64.0	58.4
Difference	-0.1	-0.1	0.0	0.1	0.0	0.0	-0.1	0.0	0.0	-0.1	0.2	-0.1
Percent Difference	-0.2%	-0.2%	0.0%	0.2%	0.0%	-0.1%	-0.1%	0.0%	0.1%	-0.1%	0.3%	-0.19
Critical (15%)		,		,	,	,	_			,	,	
No Action Alternative	54.9	44.6	38.5	38.3	43.4	47.5	54.0	54.3	63.2	67.8	65.4	60.6
Alternative A	54.6	44.6	38.6	38.4	43.4	47.5	54.1	54.2	63.2	67.9	64.9	60.0
Difference	-0.3	0.0	0.1	0.1	0.0	0.0	0.0	-0.2	0.0	0.1	-0.5	-0.6
Percent Difference	-0.6%	0.0%	0.2%	0.2%	0.0%	-0.1%	0.1%	-0.3%	-0.1%	0.2%	-0.7%	-1.09

¹ Based on the 82-year simulation period



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

³ Relative difference of the monthly average

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

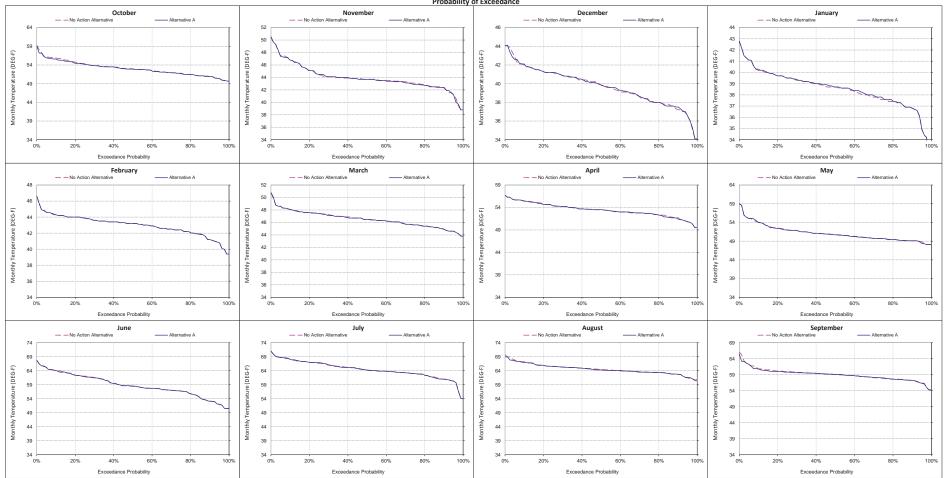


Table SQ-35-3b Trinity River at North Fork, Monthly Temperature Probability of Exceedance

		October					November					December					January		
Percent	No Action Alternative	Alternative A	Absolute		Percent	No Action Alternative	Alternative A	Absolute		Percent	No Action Alternative	Alternative A	Absolute		Percent	No Action Alternative	Alternative A	Absolute	
Exceedance			Difference	Relative	Exceedance			Difference	Relative	Exceedance			Difference	Relative	Exceedance			Difference	Relative
Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability		Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	59.3	59.0	-0.3	-0.5%	0.0%	50.5	50.5	0.0	0.0%	0.0%	44.1	44.1	0.0	0.0%	0.0%	42.8	42.8	0.0	0.0%
1.2%	58.1	57.2	-0.9	-1.5%	1.2%	49.6	49.7	0.1	0.2%	1.2%	44.1	44.1	0.0	0.0%	1.2%	42.2	42.2	0.0	0.0%
2.5%	57.3	57.2	-0.1	-0.2%	2.5%	49.3	49.3	0.0	0.0%	2.5%	43.8	43.4	-0.4	-0.9%	2.5%	41.5	41.5	0.0	0.0%
3.7%	56.4	56.3	-0.1	-0.2%	3.7%	48.3	48.4	0.1	0.2%	3.7%	43.4	42.9	-0.5	-1.2%	3.7%	41.3	41.3	0.0	0.0%
4.9%	56.1	55.9	-0.2	-0.4%	4.9%	47.5	47.4	-0.1	-0.2%	4.9%	42.9	42.6	-0.3	-0.7%	4.9%	41.1	41.1	0.0	0.0%
6.2%	56.1	55.8	-0.3	-0.5%	6.2%	47.5	47.3	-0.2	-0.4%	6.2%	42.3	42.6	0.3	0.7%	6.2%	41.1	41.1	0.0	0.0%
7.4%	56.0	55.7	-0.3	-0.5%	7.4%	47.4	47.2	-0.2	-0.4%	7.4%	42.1	42.2	0.1	0.2%	7.4%	40.6	40.6	0.0	0.0%
8.6%	55.9	55.6	-0.3	-0.5%	8.6%	47.2	47.2	0.0	0.0%	8.6%	42.1	42.1	0.0	0.0%	8.6%	40.3	40.3	0.0	0.0%
9.9%	55.9	55.6	-0.3	-0.5%	9.9%	46.8	46.8	0.0	0.0%	9.9%	42.0	42.1	0.1	0.2%	9.9%	40.3	40.2	-0.1	-0.2%
11.1%	55.7	55.3	-0.4	-0.7%	11.1%	46.7	46.7	0.0	0.0%	11.1%	41.9	41.8	-0.1	-0.2%	11.1%	40.2	40.2	0.0	0.0%
12.3%	55.7	55.3	-0.4	-0.7%	12.3%	46.5	46.4	-0.1	-0.2%	12.3%	41.8	41.8	0.0	0.0%	12.3%	40.1	40.2	0.1	0.2%
13.6%	55.5	55.2	-0.3	-0.5%	13.6%	46.5	46.4	-0.1	-0.2%	13.6%	41.7	41.7	0.0	0.0%	13.6%	40.0	40.1	0.1	0.2%
14.8%	55.3	55.0	-0.3	-0.5%	14.8%	46.2	46.2	0.0	0.0%	14.8%	41.7	41.6	-0.1	-0.2%	14.8%	40.0	40.0	0.0	0.0%
16.0%	55.3	55.0	-0.3	-0.5%	16.0%	45.7	45.7	0.0	0.0%	16.0%	41.5	41.5	0.0	0.0%	16.0%	39.9	39.9	0.0	0.0%
17.3%	55.0	54.9	-0.1	-0.2%	17.3%	45.6	45.6	0.0	0.0%	17.3%	41.5	41.5	0.0	0.0%	17.3%	39.9	39.9	0.0	0.0%
18.5%	54.9	54.8	-0.1	-0.2%	18.5%	45.4	45.4	0.0	0.0%	18.5%	41.4	41.4	0.0	0.0%	18.5%	39.8	39.8	0.0	0.0%
19.8%	54.8	54.5	-0.3	-0.5%	19.8%	45.1	45.1	0.0	0.0%	19.8%	41.3	41.3	0.0	0.0%	19.8%	39.7	39.7	0.0	0.0%
21.0%	54.6	54.4	-0.2	-0.4%	21.0%	45.1	45.1	0.0	0.0%	21.0%	41.2	41.2	0.0	0.0%	21.0%	39.7	39.7	0.0	0.0%
22.2%	54.5	54.4	-0.1	-0.2%	22.2%	45.1	45.0	-0.1	-0.2%	22.2%	41.2	41.2	0.0	0.0%	22.2%	39.7	39.7	0.0	0.0%
23.5%	54.4	54.3	-0.1	-0.2%	23.5%	44.6	44.6	0.0	0.0%	23.5%	41.2	41.2	0.0	0.0%	23.5%	39.6	39.6	0.0	0.0%
24.7%	54.4	54.2	-0.2	-0.4%	24.7%	44.4	44.5	0.1	0.2%	24.7%	41.2	41.2	0.0	0.0%	24.7%	39.5	39.5	0.0	0.0%
25.9%	54.1	54.1	0.0	0.0%	25.9%	44.4	44.5	0.1	0.2%	25.9%	41.1	41.2	0.1	0.2%	25.9%	39.5	39.5	0.0	0.0%
27.2%	54.0	54.0	0.0	0.0%	27.2%	44.2	44.5	0.3	0.7%	27.2%	41.1	41.1	0.0	0.0%	27.2%	39.5	39.5	0.0	0.0%
28.4%	53.9	53.9	0.0	0.0%	28.4%	44.1	44.2	0.1	0.2%	28.4%	41.0	41.0	0.0	0.0%	28.4%	39.5	39.4	-0.1	-0.3%
29.6%	53.8	53.8	0.0	0.0%	29.6%	44.1	44.1	0.0	0.0%	29.6%	40.9	40.9	0.0	0.0%	29.6%	39.3	39.4	0.1	0.3%
30.9%	53.8	53.8	0.0	0.0%	30.9%	44.1	44.1	0.0	0.0%	30.9%	40.8	40.8	0.0	0.0%	30.9%	39.3	39.3	0.0	0.0%
32.1%	53.7	53.8	0.1	0.2%	32.1%	44.1	44.1	0.0	0.0%	32.1%	40.8	40.8	0.0	0.0%	32.1%	39.2	39.3	0.1	0.3%
33.3%	53.6	53.6	0.0	0.0%	33.3%	44.0	44.1	0.1	0.2%	33.3%	40.8	40.7	-0.1	-0.2%	33.3%	39.2	39.2	0.0	0.0%
34.6%	53.6	53.5	-0.1	-0.2%	34.6%	44.0	44.0	0.0	0.0%	34.6%	40.7	40.7	0.0	0.0%	34.6%	39.2	39.2	0.0	0.0%
35.8%	53.6	53.5	-0.1	-0.2%	35.8%	44.0	44.0	0.0	0.0%	35.8%	40.7	40.7	0.0	0.0%	35.8%	39.2	39.2	0.0	0.0%
37.0%	53.5	53.5	0.0	0.0%	37.0%	44.0	44.0	0.0	0.0%	37.0%	40.7	40.6	-0.1	-0.2%	37.0%	39.1	39.1	0.0	0.0%
38.3%	53.5	53.5	0.0	0.0%	38.3%	43.9	44.0	0.1	0.2%	38.3%	40.4	40.5	0.1	0.2%	38.3%	39.0	39.1	0.1	0.3%
39.5%	53.5	53.5	0.0	0.0%	39.5%	43.9	44.0	0.1	0.2%	39.5%	40.4	40.5	0.1	0.2%	39.5%	39.0	39.0	0.0	0.0%
40.7%	53.4	53.4	0.0	0.0%	40.7%	43.9	43.9	0.0	0.0%	40.7%	40.4	40.4	0.0	0.0%	40.7%	39.0	39.0	0.0	0.0%
42.0%	53.2	53.4	0.2	0.4%	42.0%	43.8	43.8	0.0	0.0%	42.0%	40.4	40.2	-0.2	-0.5%	42.0%	38.9	39.0	0.1	0.3%
43.2%	53.1	53.1	0.0	0.0%	43.2%	43.8	43.8	0.0	0.0%	43.2%	40.3	40.2	-0.1	-0.2%	43.2%	38.9	38.9	0.0	0.0%
44.4%	53.1	53.0	-0.1	-0.2%	44.4%	43.8	43.8	0.0	0.0%	44.4%	40.2	40.1	-0.1	-0.2%	44.4%	38.8	38.9	0.1	0.3%
45.7%	53.1	53.0	-0.1	-0.2%	45.7%	43.8	43.7	-0.1	-0.2%	45.7%	40.2	40.1	-0.1	-0.2%	45.7%	38.7	38.9	0.2	0.5%
46.9%	53.0	52.9	-0.1	-0.2%	46.9%	43.8	43.7	-0.1	-0.2%	46.9%	40.2	40.1	-0.1	-0.2%	46.9%	38.7	38.8	0.1	0.3%
48.1%	53.0	52.9	-0.1	-0.2%	48.1%	43.7	43.7	0.0	0.0%	48.1%	40.1	40.0	-0.1	-0.2%	48.1%	38.7	38.8	0.1	0.3%
49.4%	53.0	52.9	-0.1	-0.2%	49.4%	43.7	43.7	0.0	0.0%	49.4%	39.9	39.9	0.0	0.0%	49.4%	38.7	38.7	0.0	0.0%
50.6%	52.9	52.8	-0.1	-0.2%	50.6%	43.7	43.7	0.0	0.0%	50.6%	39.8	39.8	0.0	0.0%	50.6%	38.7	38.7	0.0	0.0%
51.9%	52.8	52.8	0.0	0.0%	51.9%	43.7	43.7	0.0	0.0%	51.9%	39.8	39.7	-0.1	-0.3%	51.9%	38.6	38.7	0.0	0.3%
53.1%	52.8	52.8	0.0	0.0%	53.1%	43.7	43.7	0.0	0.0%	53.1%	39.7	39.6	-0.1	-0.3%	53.1%	38.6	38.6	0.0	0.0%
54.3%	52.8	52.8	0.0	0.0%	54.3%	43.7	43.6	-0.1	-0.2%	54.3%	39.6	39.6	0.0	0.0%	54.3%	38.6	38.6	0.0	0.0%
55.6%	52.8	52.8	0.0	0.0%	55.6%	43.6	43.5	-0.1	-0.2%	55.6%	39.6	39.6	0.0	0.0%	55.6%	38.6	38.6	0.0	0.0%
56.8%	52.7	52.7	0.0	0.0%	56.8%	43.5	43.5	0.0	0.0%	56.8%	39.4	39.6	0.0	0.5%	56.8%	38.6	38.6	0.0	0.0%
58.0%	52.7	52.7	0.0	0.0%	58.0%	43.5	43.5	0.0	0.0%	58.0%	39.3	39.5	0.2	0.5%	58.0%	38.4	38.5	0.1	0.3%
59.3%	52.6	52.6	0.0	0.0%	59.3%	43.5	43.5	0.0	0.0%	59.3%	39.2	39.3	0.2	0.3%	59.3%	38.4	38.4	0.0	0.0%
60.5%	52.6	52.2	-0.4	-0.8%	60.5%	43.5	43.4	-0.1	-0.2%	60.5%	39.1	39.3	0.2	0.5%	60.5%	38.2	38.4	0.2	0.5%
61.7%	52.3	52.2	-0.4	-0.2%	61.7%	43.5	43.4	-0.1	-0.2%	61.7%	39.1	39.2	0.2	0.3%	61.7%	38.2	38.4	0.2	0.5%
63.0%	52.3	52.2	-0.1	-0.2%	63.0%	43.5	43.4	-0.1	-0.2%	63.0%	39.1	39.2	0.1	0.3%	63.0%	38.1	38.3	0.2	0.5%
64.2%	52.3	52.1	-0.1	-0.2%	64.2%	43.4	43.3	-0.1	-0.2%	64.2%	39.0	39.1	0.1	0.3%	64.2%	38.0	38.2	0.2	0.5%
65.4%	52.1	52.1	0.0	0.0%	65.4%	43.4	43.3	-0.1	-0.2%	65.4%	39.0	39.0	0.0	0.0%	65.4%	38.0	38.1	0.1	0.3%
66.7%	52.1	52.1	0.0	0.0%	66.7%	43.4	43.3	-0.1	-0.2%	66.7%	38.9	39.0	0.0	0.3%	66.7%	38.0	38.0	0.1	0.0%
67.9%	52.0	52.0	0.0	0.0%	67.9%	43.4	43.3	-0.1	-0.2%	67.9%	38.9	38.9	0.0	0.0%	67.9%	37.9	38.0	0.1	0.3%
69.1%	52.0	51.9	-0.1	-0.2%	69.1%	43.3	43.2	-0.1	-0.2%	69.1%	38.8	38.7	-0.1	-0.3%	69.1%	37.8	38.0	0.1	0.5%
70.4%	51.9	51.9	0.0	0.0%	70.4%	43.3	43.1	-0.2	-0.5%	70.4%	38.5	38.6	0.1	0.3%	70.4%	37.8	37.9	0.1	0.3%
71.6%	51.9	51.9	0.0	0.0%	71.6%	43.2	43.1	-0.2	-0.2%	71.6%	38.4	38.5	0.1	0.3%	71.6%	37.8	37.8	0.0	0.0%
72.8%	51.9	51.8	-0.1	-0.2%	72.8%	43.1	43.0	-0.1	-0.2%	72.8%	38.4	38.4	0.0	0.0%	72.8%	37.6	37.8	0.2	0.5%
74.1%	51.8	51.8	0.0	0.0%	74.1%	43.1	42.9	-0.2	-0.5%	74.1%	38.3	38.4	0.1	0.3%	74.1%	37.6	37.8	0.2	0.5%
75.3%	51.6	51.8	0.0	0.4%	75.3%	43.0	42.9	-0.2	-0.2%	75.3%	38.1	38.1	0.0	0.0%	75.3%	37.6	37.6	0.0	0.0%
76.5%	51.5	51.5	0.0	0.0%	76.5%	43.0	42.9	-0.1	-0.2%	76.5%	38.0	38.1	0.1	0.3%	76.5%	37.6	37.6	0.0	0.0%
77.8%	51.5	51.5	0.0	0.0%	77.8%	42.9	42.8	-0.1	-0.2%	77.8%	38.0	38.0	0.0	0.0%	77.8%	37.4	37.6	0.2	0.5%
79.0%	51.5	51.5	0.0	0.0%	79.0%	42.9	42.8	-0.1	-0.2%	79.0%	38.0	38.0	0.0	0.0%	79.0%	37.4	37.6	0.2	0.5%
80.2%	51.4	51.4	0.0	0.0%	80.2%	42.8	42.7	-0.1	-0.2%	80.2%	38.0	38.0	0.0	0.0%	80.2%	37.4	37.4	0.0	0.0%
81.5%	51.4	51.4	0.0	0.0%	81.5%	42.6	42.7	0.0	0.0%	81.5%	37.9	37.9	0.0	0.0%	81.5%	37.4	37.4	0.0	0.0%
82.7%	51.4	51.4	0.0	0.0%	82.7%	42.7	42.7	-0.1	-0.2%	82.7%	37.8	37.7	-0.1	-0.3%	82.7%	37.3	37.4	0.0	0.0%
84.0%	51.1	51.2	0.0	0.0%	84.0%	42.5	42.5	0.0	0.0%	84.0%	37.8	37.6	-0.1	-0.5%	84.0%	37.3	37.3	0.0	0.0%
85.2%	51.1	51.1	0.0	0.0%	85.2%	42.5 42.5	42.5	0.0	0.0%	85.2%	37.8	37.6	-0.2	-0.5%	85.2%	37.1	37.3 37.1	0.0	0.0%
86.4%	51.0	51.1	0.0	0.0%	86.4%	42.5	42.5 42.4	-0.1	-0.2%		37.6	37.6		0.0%		36.9	36.9	0.0	
85.4% 87.7%	51.0	51.1 51.0	0.1	0.2%	85.4% 87.7%	42.5 42.5	42.4 42.4	-0.1	-0.2%	86.4% 87.7%	37.6	37.6 37.6	0.0	0.0%	86.4% 87.7%	36.9	36.9	0.0	0.0%
88.9% 90.1%	50.9 50.9	51.0 50.9	0.1	0.2%	88.9% 90.1%	42.4 42.4	42.4 42.3	0.0 -0.1	0.0%	88.9% 90.1%	37.3 37.2	37.5 37.5	0.2	0.5%	88.9% 90.1%	36.9 36.8	36.9 36.8	0.0	0.0%
									-0.2%				0.3						0.0%
91.4%	50.9	50.9	0.0	0.0%	91.4%	41.9	41.9	0.0	0.0%	91.4%	37.2	37.3	0.1	0.3%	91.4%	36.7	36.7	0.0	0.0%
92.6%	50.5 50.5	50.5 50.4	0.0	0.0%	92.6% 93.8%	41.6	41.9 41.5	-0.1	0.7%	92.6%	37.1	37.0 37.0	-0.1 0.1	-0.3% 0.3%	92.6%	36.6 36.1	36.6 36.1	0.0	0.0%
93.8%			-0.1	-0.2%		41.6			-0.2%	93.8%	36.9				93.8%				0.0%
95.1% 96.3%	50.3 50.0	50.4 49.9	0.1	0.2%	95.1% 96.3%	41.2 40.6	41.2 40.0	-0.6	0.0%	95.1% 96.3%	36.5 36.0	36.5 36.0	0.0	0.0%	95.1% 96.3%	34.9 34.4	34.9 34.4	0.0	0.0%
			-0.1																
97.5%	49.8	49.9	0.1	0.2%	97.5%	39.4	39.7	0.3	0.8%	97.5%	35.1	35.3	0.2	0.6%	97.5%	34.2	34.2	0.0	0.0%
98.8%	49.7	49.7	0.0	0.0%	98.8%	38.8	38.8	0.0	0.0%	98.8%	34.1	34.1	0.0	0.0%	98.8%	29.0	29.0	0.0	0.0%
100.0%	49.7	49.7	0.0	0.0%	100.0%	38.8	38.8	0.0	0.0%	100.0%	34.1	34.1	0.0	0.0%	100.0%	29.0	29.0	0.0	0.0%

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

									Probability	of Exceedance									
Percent		February			Percent		March			Percent		April			Percent		May		
Exceedance	No Action Alternative		Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative
Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
0.0%	(DEG-F) 46.6	(DEG-F) 46.6	0.0	0.0%	(%)	(DEG-F) 50.7	(DEG-F) 50.8	0.1	0.2%		(DEG-F) 56.7	(DEG-F) 56.7	0.0	0.0%	(%) 0.0%	(DEG-F) 59.0	(DEG-F) 59.0	0.0	0.0%
1.2%	45.7	45.7	0.0	0.0%	1.2%	49.9	50.1	0.2	0.4%	1.2%	56.3	56.3	0.0	0.0%	1.2%	58.6	58.6	0.0	0.0%
2.5%	44.9	44.9	0.0	0.0%	2.5%	48.8	48.8	0.0	0.0%	2.5%	56.3	56.3	0.0	0.0%	2.5%	56.0	55.9	-0.1	-0.2%
3.7%	44.9 44.6	44.8 44.6	-0.1 0.0	-0.2%	3.7% 4.9%	48.6 48.6	48.6 48.6	0.0	0.0%	3.7% 4.9%	55.9 55.7	55.9 55.7	0.0	0.0%	3.7%	55.4 55.1	55.4 55.1	0.0	0.0%
6.2%	44.6	44.6	0.0	0.0%	6.2%	48.3	48.3	0.0	0.0%	6.2%	55.7	55.7	0.0	0.0%	6.2%	55.0	55.1	0.0	0.0%
7.4%	44.5	44.5	0.0	0.0%	7.4%	48.3	48.3	0.0	0.0%	7.4%	55.7	55.7	0.0	0.0%	7.4%	54.6	55.0	0.4	0.7%
8.6% 9.9%	44.3 44.3	44.4 44.3	0.1 0.0	0.2%	8.6% 9.9%	48.2 48.1	48.2 48.1	0.0	0.0%	8.6% 9.9%	55.6 55.5	55.6 55.4	0.0	0.0%	8.6% 9.9%	54.3 54.1	54.6 54.0	0.3	0.6%
11.1%	44.3	44.3	0.0	0.0%	11.1%	48.0	48.0	0.0	0.0%	11.1%	55.4	55.4 55.4	-0.1 0.0	0.0%	11.1%	53.9	53.9	-0.1 0.0	-0.2% 0.0%
12.3%	44.2	44.2	0.0	0.0%	12.3%	47.9	47.9	0.0	0.0%	12.3%	55.4	55.3	-0.1	-0.2%	12.3%	53.7	53.8	0.1	0.2%
13.6%	44.2	44.2	0.0	0.0%	13.6%	47.9	47.8	-0.1	-0.2%	13.6%	55.3	55.2	-0.1	-0.2%	13.6%	53.3	53.3	0.0	0.0%
14.8% 16.0%	44.1 44.0	44.1 44.0	0.0	0.0%	14.8% 16.0%	47.7 47.7	47.7 47.7	0.0	0.0%	14.8% 16.0%	55.2 55.1	55.2 55.1	0.0	0.0%	14.8% 16.0%	53.0 52.9	53.1 52.6	0.1 -0.3	0.2% -0.6%
17.3%	44.0	44.0	0.0	0.0%	17.3%	47.6	47.6	0.0	0.0%	17.3%	55.1	54.9	-0.2	-0.4%	17.3%	52.6	52.6	0.0	0.0%
18.5%	44.0	44.0	0.0	0.0%	18.5%	47.6	47.6	0.0	0.0%	18.5%	55.0	54.9	-0.1	-0.2%	18.5%	52.6	52.5	-0.1	-0.2%
19.8%	44.0	44.0	0.0	0.0%	19.8%	47.6	47.6	0.0	0.0%	19.8%	54.8	54.7	-0.1	-0.2%	19.8%	52.6	52.4	-0.2	-0.4%
21.0% 22.2%	44.0 44.0	44.0 44.0	0.0	0.0%	21.0% 22.2%	47.6 47.5	47.5 47.5	-0.1 0.0	-0.2% 0.0%	21.0% 22.2%	54.7 54.7	54.7 54.7	0.0	0.0%	21.0% 22.2%	52.4 52.4	52.4 52.2	0.0 -0.2	0.0% -0.4%
23.5%	43.9	43.9	0.0	0.0%	23.5%	47.5	47.5	0.0	0.0%	23.5%	54.6	54.7	0.1	0.2%	23.5%	52.2	52.0	-0.2	-0.4%
24.7%	43.9	43.9	0.0	0.0%	24.7%	47.5	47.4	-0.1	-0.2%	24.7%	54.4	54.4	0.0	0.0%	24.7%	52.0	52.0	0.0	0.0%
25.9% 27.2%	43.8 43.8	43.8 43.8	0.0	0.0%	25.9% 27.2%	47.4 47.4	47.4 47.3	0.0 -0.1	0.0% -0.2%	25.9% 27.2%	54.4 54.3	54.3 54.3	-0.1 0.0	-0.2% 0.0%	25.9% 27.2%	52.0 51.9	51.9 51.9	-0.1 0.0	-0.2% 0.0%
28.4%	43.7	43.7	0.0	0.0%	28.4%	47.4	47.3	0.0	0.0%	28.4%	54.3	54.3	0.0	0.0%	28.4%	51.9	51.9	0.0	0.0%
29.6%	43.6	43.6	0.0	0.0%	29.6%	47.3	47.1	-0.2	-0.4%	29.6%	54.2	54.2	0.0	0.0%	29.6%	51.9	51.9	0.0	0.0%
30.9%	43.6	43.6	0.0	0.0%	30.9%	47.2	47.1	-0.1	-0.2%	30.9%	54.2	54.2	0.0	0.0%	30.9%	51.7	51.7	0.0	0.0%
32.1% 33.3%	43.5 43.5	43.5 43.5	0.0	0.0%	32.1% 33.3%	47.1 47.0	47.1 47.0	0.0	0.0%	32.1% 33.3%	54.2 54.0	54.2 54.0	0.0	0.0%	32.1% 33.3%	51.5 51.5	51.5 51.5	0.0	0.0%
34.6%	43.5	43.5	0.0	0.0%	34.6%	47.0	47.0	0.0	0.0%	34.6%	54.0	54.0	0.0	0.0%	34.6%	51.5	51.5	0.0	0.0%
35.8%	43.5	43.5	0.0	0.0%	35.8%	47.0	47.0	0.0	0.0%	35.8%	53.9	54.0	0.1	0.2%	35.8%	51.4	51.4	0.0	0.0%
37.0%	43.4 43.4	43.4 43.4	0.0	0.0%	37.0%	46.9 46.9	47.0 46.9	0.1	0.2%	37.0% 38.3%	53.9 53.7	53.9 53.7	0.0	0.0%	37.0% 38.3%	51.3 51.1	51.3 51.1	0.0	0.0%
38.3% 39.5%	43.4	43.4	0.0	0.0%	38.3% 39.5%	46.9	46.8	-0.1	0.0%	39.5%	53.7	53.7	0.0	0.0%	39.5%	51.1	51.1	0.0	0.0%
40.7%	43.4	43.4	0.0	0.0%	40.7%	46.9	46.7	-0.2	-0.4%	40.7%	53.7	53.7	0.0	0.0%	40.7%	51.1	51.1	0.0	0.0%
42.0%	43.4	43.4	0.0	0.0%	42.0%	46.7	46.7	0.0	0.0%	42.0%	53.7	53.6	-0.1	-0.2%	42.0%	51.1	51.0	-0.1	-0.2%
43.2% 44.4%	43.3 43.3	43.3 43.3	0.0	0.0%	43.2% 44.4%	46.7 46.7	46.7 46.7	0.0	0.0%	43.2% 44.4%	53.6 53.6	53.6 53.6	0.0	0.0%	43.2% 44.4%	51.0 51.0	51.0 50.9	-0.1	0.0% -0.2%
45.7%	43.3	43.3	0.0	0.0%	45.7%	46.7	46.7	0.0	0.0%	45.7%	53.6	53.5	-0.1	-0.2%	45.7%	50.9	50.9	0.0	0.0%
46.9%	43.2	43.2	0.0	0.0%	46.9%	46.7	46.7	0.0	0.0%	46.9%	53.5	53.5	0.0	0.0%	46.9%	50.8	50.9	0.1	0.2%
48.1%	43.2	43.2	0.0	0.0%	48.1%	46.5	46.5	0.0	0.0%	48.1%	53.5	53.5	0.0	0.0%	48.1%	50.8	50.8	0.0	0.0%
49.4% 50.6%	43.2 43.2	43.2 43.2	0.0	0.0%	49.4% 50.6%	46.5 46.5	46.5 46.5	0.0	0.0%	49.4% 50.6%	53.5 53.5	53.5 53.5	0.0	0.0%	49.4% 50.6%	50.8 50.7	50.7 50.7	-0.1 0.0	-0.2% 0.0%
51.9%	43.2	43.2	0.0	0.0%	51.9%	46.5	46.4	-0.1	-0.2%	51.9%	53.4	53.4	0.0	0.0%	51.9%	50.7	50.6	-0.1	-0.2%
53.1%	43.1	43.1	0.0	0.0%	53.1%	46.4	46.4	0.0	0.0%	53.1%	53.4	53.4	0.0	0.0%	53.1%	50.7	50.6	-0.1	-0.2%
54.3% 55.6%	43.1 43.0	43.1 43.0	0.0	0.0%	54.3% 55.6%	46.4 46.3	46.4 46.3	0.0	0.0%	54.3% 55.6%	53.3 53.2	53.3 53.2	0.0	0.0%	54.3% 55.6%	50.6 50.5	50.5 50.5	-0.1 0.0	-0.2% 0.0%
56.8%	43.0	43.0	0.0	0.0%	56.8%	46.3	46.3	0.0	0.0%	56.8%	53.1	53.2	0.1	0.2%	56.8%	50.5	50.4	-0.1	-0.2%
58.0%	43.0	43.0	0.0	0.0%	58.0%	46.3	46.3	0.0	0.0%	58.0%	53.0	53.1	0.1	0.2%	58.0%	50.4	50.3	-0.1	-0.2%
59.3% 60.5%	42.9 42.9	42.9 42.9	0.0	0.0%	59.3% 60.5%	46.3 46.2	46.3 46.2	0.0	0.0%	59.3% 60.5%	53.0 53.0	53.0 53.0	0.0	0.0%	59.3% 60.5%	50.3 50.3	50.2 50.2	-0.1 -0.1	-0.2%
61.7%	42.9	42.9	0.0	0.0%	61.7%	46.2	46.2	0.0	0.0%	61.7%	53.0	53.0	0.0	0.0%	61.7%	50.3	50.2	-0.1	-0.2% -0.2%
63.0%	42.7	42.7	0.0	0.0%	63.0%	46.1	46.1	0.0	0.0%	63.0%	53.0	53.0	0.0	0.0%	63.0%	50.1	50.1	0.0	0.0%
64.2%	42.6	42.6 42.6	0.0	0.0%	64.2%	46.1	46.1 46.1	0.0	0.0%	64.2%	52.9	53.0 52.9	0.1	0.2%	64.2%	50.1	50.0 50.0	-0.1	-0.2%
65.4% 66.7%	42.6 42.6	42.b 42.6	0.0	0.0%	65.4% 66.7%	46.1 46.1	46.1 46.1	0.0	0.0%	65.4% 66.7%	52.8 52.8	52.9 52.9	0.1 0.1	0.2%	65.4% 66.7%	50.0 50.0	49.9	0.0 -0.1	0.0% -0.2%
67.9%	42.5	42.5	0.0	0.0%	67.9%	46.1	45.9	-0.2	-0.4%	67.9%	52.8	52.8	0.0	0.0%	67.9%	49.9	49.9	0.0	0.0%
69.1%	42.5	42.5	0.0	0.0%	69.1%	45.8	45.8	0.0	0.0%	69.1%	52.8	52.8	0.0	0.0%	69.1%	49.8	49.8	0.0	0.0%
70.4% 71.6%	42.5 42.4	42.5 42.4	0.0	0.0%	70.4% 71.6%	45.7 45.7	45.7 45.7	0.0	0.0%	70.4% 71.6%	52.8 52.8	52.8 52.8	0.0	0.0%	70.4% 71.6%	49.7 49.7	49.7	0.0	0.0%
72.8%	42.4	42.4	0.0	0.0%	72.8%	45.7	45.7	0.0	0.0%	72.8%	52.7	52.7	0.0	0.0%	72.8%	49.7	49.7	0.0	0.0%
74.1%	42.4	42.4	0.0	0.0%	74.1%	45.6	45.6	0.0	0.0%	74.1%	52.7	52.7	0.0	0.0%	74.1%	49.7	49.7	0.0	0.0%
75.3% 76.5%	42.4 42.2	42.4 42.2	0.0	0.0%	75.3% 76.5%	45.6 45.6	45.6 45.6	0.0	0.0%	75.3% 76.5%	52.7 52.6	52.7 52.6	0.0	0.0%	75.3% 76.5%	49.6 49.5	49.7 49.6	0.1 0.1	0.2% 0.2%
77.8%	42.2	42.2	0.0	0.0%	76.5%	45.5	45.5 45.5	0.0	0.0%	77.8%	52.5	52.4	-0.1	-0.2%	77.8%	49.5	49.5	0.1	0.2%
79.0%	42.2	42.2	0.0	0.0%	79.0%	45.5	45.4	-0.1	-0.2%	79.0%	52.4	52.4	0.0	0.0%	79.0%	49.4	49.4	0.0	0.0%
80.2% 81.5%	42.0 42.0	42.0 42.0	0.0	0.0%	80.2% 81.5%	45.5 45.4	45.4 45.4	-0.1 0.0	-0.2%	80.2% 81.5%	52.4 52.3	52.3 52.2	-0.1 -0.1	-0.2%	80.2% 81.5%	49.4 49.4	49.4 49.4	0.0	0.0%
81.5% 82.7%	42.0 42.0	42.0 41.9	-0.1	0.0% -0.2%	81.5% 82.7%	45.4 45.3	45.4 45.3	0.0	0.0%	81.5% 82.7%	52.3 52.3	52.2 51.9	-0.1 -0.4	-0.2% -0.8%	81.5% 82.7%	49.4 49.3	49.4 49.3	0.0	0.0%
84.0%	41.9	41.9	0.0	0.0%	84.0%	45.3	45.3	0.0	0.0%	84.0%	52.2	51.9	-0.3	-0.6%	84.0%	49.2	49.2	0.0	0.0%
85.2%	41.9	41.8	-0.1	-0.2%	85.2%	45.2	45.2	0.0	0.0%	85.2%	51.9	51.8	-0.1	-0.2%	85.2%	49.2	49.2	0.0	0.0%
86.4% 87.7%	41.8 41.6	41.8 41.6	0.0	0.0%	86.4% 87.7%	45.2 45.1	45.2 45.1	0.0	0.0%	86.4% 87.7%	51.9 51.8	51.7 51.7	-0.2 -0.1	-0.4% -0.2%	86.4% 87.7%	49.1 49.1	49.2 49.1	0.1	0.2%
87.7%	41.b 41.2	41.6	0.0	0.0%	88.9%	45.1 45.1	45.1 45.0	-0.1	-0.2%	88.9%	51.8 51.8	51.7 51.7	-0.1	-0.2%	87.7% 88.9%	49.1 49.1	49.1	0.0	0.0%
90.1%	41.2	41.2	0.0	0.0%	90.1%	44.9	44.9	0.0	0.0%	90.1%	51.7	51.4	-0.3	-0.6%	90.1%	49.1	49.1	0.0	0.0%
91.4%	41.1	41.1	0.0	0.0%	91.4%	44.7	44.7	0.0	0.0%	91.4%	51.3	51.3	0.0	0.0%	91.4%	49.1	49.1	0.0	0.0%
92.6% 93.8%	41.0 40.9	41.0 40.9	0.0	0.0%	92.6% 93.8%	44.6 44.6	44.6 44.6	0.0	0.0%	92.6% 93.8%	51.2 51.0	51.2 51.0	0.0	0.0%	92.6% 93.8%	49.1 49.0	49.1 48.8	0.0 -0.2	-0.4%
95.1%	40.8	40.8	0.0	0.0%	95.1%	44.6	44.6	0.0	0.0%	95.1%	50.8	50.8	0.0	0.0%	95.1%	48.8	48.4	-0.2	-0.8%
96.3%	40.1	40.1	0.0	0.0%	96.3%	44.4	44.4	0.0	0.0%	96.3%	50.7	50.7	0.0	0.0%	96.3%	48.4	48.3	-0.1	-0.2%
97.5%	40.0	40.0 39.4	0.0	0.0%	97.5% 98.8%	44.2	44.2	0.0	0.0%	97.5% 98.8%	50.3	50.3 49.5	0.0	0.0%	97.5% 98.8%	48.1 48.1	48.1 48.1	0.0	0.0%
98.8% 100.0%	39.4 39.4	39.4 39.4	0.0	0.0%	98.8%	43.8 43.8	43.8 43.8	0.0	0.0%	98.8%	49.5 49.5	49.5 49.5	0.0	0.0%	98.8%	48.1 48.1	48.1 48.1	0.0	0.0%
100.070	00.1	00.1	0.0	0.070	100.070	10.0	10.0	0.0	0.070	100.070	10.0	10.0	0.0	0.070	100.070	10.1	10.1	0.0	0.070

Table SQ-35-3b

Trinity River at North Fork, Monthly Temperature

Probability of Exceedance

August

September

	Percent		June			Percent		July			Percent		August			Percent				
March Marc		No Action Alternative	Alternative A	Absolute	Relative		No Action Alternative	Alternative A	Absolute	Relative		No Action Alternative	Alternative A	Absolute	Relative		No Action Alternative	Alternative A	Absolute	Relative
No.		Monthly Temperature	Monthly Temperature				Monthly Temperature	Monthly Temperature				Monthly Temperature	Monthly Temperature				Monthly Temperature	Monthly Temperature		
Color				(DEG-F)																
1				0.0	0.0%	0.0%			-0.1	-0.1%	0.0%			-0.7	-1.0%	0.0%			-0.6	-0.9%
3-76	1.2%	66.4	66.4	0.0	0.0%	1.2%	69.9	69.9	0.0	0.0%	1.2%	68.9	68.9	0.0	0.0%	1.2%	65.2	63.2	-2.0	-3.1%
AB						2.5%					2.5%								-0.2	-0.3%
Section Sect		65.7			-0.3%		68.8			0.1%		68.2			-0.7%				0.0	
The Col																				
1.5																				-0.2%
April Apri																				
11 12 13 14 15 15 16 16 16 16 16 16	8.6%			0.1					-0.2	-0.3%	8.6%			-0.2					-0.6	-1.0%
1.00																				
Section Sect	11.1%										11.1%					11.1%				
140																				
Section Sect																				
17.5																				
1.50																				-0.7%
1986 Col.																				-0.7%
19											18.5%									
22.5 62.5																				
20.00																				
2-77. 620																				
25.00											23.5%									
27. 117										0.5%										-0.3%
28.66	20.8%					20.8%				0.3%	20.8%				0.270	20.9%			-0.2	-0.3%
20	28 /9/					28 /9/			0.1		28.49/						59.9	59.7 50.7	-0.2	-0.3%
330% 014 014 010 00 00% 350% 026 020 027 330% 026 020 027 330% 027 026 021 027 026 026 026 026 026 026 026 026 026 026																				-0.2%
Str. Gr.	30.0%					30.0%				0.3%	20.0%				-0.0%	20.0%			-0.2	*0.376 *0.2%
Start																				-0.2%
340% 61 0																				
1.50				-0.1																
37 PM 00.4 00.4 00.5 00.5 00.5 00.2 0.3 0.0 0.																				
20.00 20.0	37.0%		60.4			37.0%			-0.3		37.0%									
20.00 20.0		59.5		0.2	0.3%		65.3	65.1		-0.3%		64.9	65.0	0.1	0.2%	38.3%	59.5	59.5	0.0	
40 7% 99.5 99.5 99.5 90.0 00% 40 7% 98.1 98.1 98.1 00 00% 40 7% 64.8 98.1 00 00% 40 7% 40 7% 64.8 62.0 00 7% 40	39.5%					39.5%			-0.1		39.5%			0.0		39.5%			-0.1	
420% 921 901 901 901 902 903 903 903 903 903 903 903 903 903 903																				
4278 589 589 500 00% 4278 661 660 01 02% 4278 661 660 01 02% 4278 661 646 646 02 02% 4278 662 628 02 00% 44078 586 02 00% 440			59.1	0.0						-0.2%	42.0%			0.0						0.0%
44-09, 58-6 58-7 0.1 0.25, 44-09, 60.0 64.8 0.2 0.35, 44-09, 64-1 64-1 0.25, 44-09, 69-2 59-2 50.0 0.05, 44-09, 69-6 58-6 58-6 59-6 0.05, 0.05, 44-09, 69-6 58-6 0.0 0.05, 44-09, 69-6 0.0 0.05, 44-09, 44	43.2%					43.2%					43.2%						59.3		0.0	0.0%
46.7% 58.6 58.6 00 00% 45.7% 58.6 66.0 00 00% 54.7% 58.6 66.0 00 00% 54.7% 58.6 66.0 00 00% 54.5% 58.6 58.6 00.0 00% 54.5% 58.6 58.6 00.0 00% 54.5% 58.6 58.6 00.0 00% 54.5% 58.6 58.6 00.0 00% 54.5% 58.6 58.6 58.6 58.6 58.6 58.6 58.6 58.6		58.6	58.7			44.4%		64.8	-0.2			64.7	64.6				59.2	59.2		
441% 58.5 \$8.6 0.1 0.2% 44.5% 64.4 64.4 0.0 0.0% 44.5% 64.5 64.3 0.2 0.3% 46.5% 64.3 0.2 0.3% 46.5% 64.3 0.2 0.3% 46.5% 64.3 0.2 0.3% 46.5% 64.3 0.2 0.3% 46.5% 64.3 0.2 0.3% 56.5% 64.3 0	45.7%	58.6	58.6			45.7%	64.8	64.6	-0.2	-0.3%	45.7%	64.6	64.4	-0.2	-0.3%	45.7%	59.2	59.2	0.0	0.0%
441% 585 586 01 02% 481% 644 644 00 00% 481% 645 643 02 02 03% 511 001 007 007 007 007 007 007 007 007 0	46.9%	58.6	58.6	0.0	0.0%	46.9%	64.6	64.5	-0.1	-0.2%	46.9%	64.6	64.3	-0.3	-0.5%	46.9%	59.2	59.2	0.0	
520% 58.4 58.5 0.1 0.2% 50.9% 64.2 64.1 -0.1 -0.2% 50.9% 64.4 64.2 -0.2 -0.2% 50.9% 50.0 53.1 0.1 0.2% 50.9% 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.	48.1%	58.5	58.6	0.1	0.2%	48.1%	64.4	64.4	0.0	0.0%	48.1%	64.5	64.3	-0.2	-0.3%	48.1%	59.1	59.2	0.1	0.2%
919% 592 594 0.2 0.3% 51.9% 64.1 64.0 -0.1 -0.2% 51.9% 64.3 64.2 -0.1 -0.2% 51.9% 59.9 59.1 0.2 0.3% 53.1% 64.3 58.2 0.0 0.0% 58.5% 64.3 58.2 0.0 0.0% 58.6% 59.2 0.0 0.0% 59.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	49.4%	58.4	58.5	0.1	0.2%	49.4%			0.0	0.0%	49.4%		64.3	-0.1	-0.2%	49.4%		59.1	0.0	0.0%
\$3.1% \$82 \$52 \$0.0 0.0% \$3.1% \$4.0 \$4.0 0.0 0.0% \$5.1% \$4.3 \$4.1 0.2 0.0% \$5.1% \$8.8 \$5.1 0.2 0.3% \$4.5% \$4.2 \$4.2 \$4.1 0.2 \$1.0 0.0% \$5.3 \$5.0 0.0 0.0% \$5.5 \$5.5 0.0 0.0% \$5.5 \$5.5 0.0 0.0% \$5.5 \$5.5 0.0 0.0% \$5.5 \$5.5 0.0 0.0% \$5.5 \$5.5 0.0 0.0% \$5.5 \$5.5 0.0 0.0% \$5.5 \$5.5 0.0 0.0 0.0% \$5.5					0.2%		64.2	64.1		-0.2%				-0.2	-0.3%					
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87.7% 53.6 53.6 0.0 0.0% 87.7% 61.2 61.0 0.2 0.3% 87.7% 62.8 62.8 0.0 0.0% 87.7% 57.3 57.3 0.0 0.0% 89.9% 53.3 53.2 0.1 0.2% 88.9% 61.0 61.0 0.0 0.0% 88.9% 62.8 62.8 0.0 0.0% 88.9% 57.3 57.3 0.0 0.0% 91.4% 50.0 53.2 53.1 0.1 0.2% 90.1% 61.0 60.9 0.1 0.2% 90.1% 62.7 62.7 0.0 0.0% 90.1% 57.3 57.2 0.1 0.2% 91.4% 53.0 53.0 0.0 0.0% 91.4% 60.9 60.8 0.1 0.2% 91.4% 62.6 62.6 0.0 0.0% 91.4% 57.3 57.2 0.1 0.2% 92.6% 52.9 52.9 0.0 0.0% 92.6% 60.8 60.7 0.1 0.2% 92.6% 62.0 62.0 0.0 0.0% 92.6% 56.7 56.9 0.2 0.4% 93.8% 52.1 52.1 0.0 0.0% 93.8% 60.4 60.4 0.0 0.0% 93.8% 61.6 61.6 61.0 0.0 0.0% 93.8% 56.6 56.5 0.1 0.2% 95.1% 95.9% 52.0 52.0 0.0 0.0% 95.1% 60.3 60.3 0.0 0.0% 95.1% 61.4 61.6 0.2 0.3% 95.1% 56.4 56.3 0.1 0.2% 95.5% 50.6 50.6 0.0 0.0% 97.5% 50.6 50.6 50.6 0.0 0.0% 97.5% 50.6 50.6 50.6 0.0 0.0% 97.5% 50.6 50.5 50.5 0.0 0.0% 98.8% 54.1 54.1 0.0 0.0% 98.8% 50.4 60.7 0.3 0.5% 98.8% 54.3 54.2 0.1 0.2% 98.8% 50.5 50.5 0.0 0.0% 98.8% 54.1 54.1 0.0 0.0% 98.8% 50.4 60.7 0.3 0.5% 98.8% 54.3 54.2 0.1 0.2%																				
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90.1% 53.2 53.1 -0.1 -0.2% 90.1% 61.0 60.9 -0.1 -0.2% 90.1% 62.7 62.7 0.0 0.0% 90.1% 57.3 57.2 -0.1 -0.2% 91.4% 53.0 53.0 0.0 0.0% 91.4% 60.9 60.8 -0.1 -0.2% 92.6% 62.6 62.6 0.0 0.0% 91.4% 57.1 57.1 0.0 0.0% 92.6% 52.9 52.9 0.0 0.0% 92.6% 60.8 60.7 -0.1 -0.2% 92.6% 62.0 62.0 0.0 0.0% 92.6% 56.7 56.9 0.2 0.4% 93.8% 52.1 52.1 0.0 0.0% 93.8% 60.4 60.4 0.0 0.0% 93.8% 61.6 61.6 0.0 0.0% 93.8% 56.6 56.5 0.1 -0.2% 95.1% 52.0 52.0 0.0 0.0% 95.1% 60.3 60.3 0.0 0.0% 95.1% 61.4 61.6 0.2 0.3% 95.1% 56.4 56.3 -0.1 -0.2% 95.3% 51.7 51.7 0.0 0.0% 95.3% 59.7 59.7 0.0 0.0% 95.3% 61.1 61.5 0.4 0.7% 96.3% 56.3 56.3 -0.1 -0.2% 97.5% 50.6 50.6 0.0 0.0% 97.5% 50.6 50.6 0.0 0.0% 97.5% 50.6 50.6 0.0 0.0% 97.5% 54.9 55.0 0.1 0.2% 98.8% 50.5 50.5 0.0 0.0% 98.8% 54.1 54.1 0.0 0.0% 98.8% 50.4 60.7 0.3 0.5% 98.8% 54.3 54.2 0.1 -0.2%				-0.1													57.3		-0.1	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$					-0.2%					-0.2%										-0.2%
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	91.4%	53.0	53.0			91.4%	60.9				91.4%			0.0	0.0%	91.4%	57.1	57.1	0.0	0.0%
93.8% 52.1 52.1 0.0 0.0% 93.8% 60.4 60.4 0.0 0.0% 93.8% 61.6 61.6 0.0 0.0% 93.8% 56.6 56.5 -0.1 -0.2% 95.1% 52.0 52.0 0.0 0.0% 95.1% 60.3 60.3 0.0 0.0% 95.1% 61.4 61.6 0.2 0.3% 95.1% 56.4 56.3 -0.1 -0.2% 96.3% 51.7 51.7 0.0 0.0% 96.3% 59.7 59.7 0.0 0.0% 96.3% 61.1 61.5 0.4 0.7% 96.3% 56.3 56.1 -0.2 -0.4% 97.5% 50.6 50.6 0.0 0.0% 97.5% 56.6 56.6 0.0 0.0% 97.5% 51.1 61.1 0.0 0.0% 97.5% 54.9 55.0 0.1 0.2% 98.8% 50.5 50.5 0.0 0.0% 98.8% 54.1 54.1 0.0 0.0% 98.8% 50.4 60.7 0.3 0.5% 98.8% 54.3 54.2 -0.1 -0.2%	92.6%	52.9	52.9	0.0		92.6%	60.8	60.7	-0.1	-0.2%	92.6%	62.0	62.0	0.0	0.0%	92.6%	56.7	56.9	0.2	0.4%
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	93.8%	52.1		0.0	0.0%	93.8%		60.4	0.0	0.0%	93.8%	61.6		0.0	0.0%	93.8%		56.5	-0.1	-0.2%
96.3% 51.7 51.7 0.0 0.0% 96.3% 59.7 59.7 0.0 0.0% 96.3% 61.1 61.5 0.4 0.7% 96.3% 56.3 56.1 -0.2 -0.4% 97.5% 50.6 50.6 0.0 0.0% 97.5% 56.6 56.6 0.0 0.0% 97.5% 61.1 61.1 0.0 0.0% 97.5% 54.9 55.0 0.1 0.2% 98.8% 50.5 50.5 0.0 0.0% 98.8% 54.1 54.1 0.0 0.0% 98.8% 60.4 60.7 0.3 0.5% 98.8% 54.3 54.2 -0.1 -0.2%																				-0.2%
98.8% 50.5 50.5 0.0 0.0% 98.8% 54.1 54.1 0.0 0.0% 98.8% 60.4 60.7 0.3 0.5% 98.8% 54.3 54.2 -0.1 -0.2%	96.3%	51.7		0.0	0.0%	96.3%			0.0	0.0%	96.3%	61.1	61.5	0.4	0.7%	96.3%	56.3	56.1	-0.2	-0.4%
100.0% 50.5 50.5 0.0 0.0% 100.0% 54.1 54.1 0.0 0.0% 100.0% 60.4 60.7 0.3 0.5% 100.0% 54.3 54.2 -0.1 -0.2%																				
	100.0%	50.5	50.5	0.0	0.0%	100.0%	54.1	54.1	0.0	0.0%	100.0%	60.4	60.7	0.3	0.5%	100.0%	54.3	54.2	-0.1	-0.2%

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

		Long	tom Avci	age and r		y Water Ye		TC T)				
						thly Temp		,				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period ¹				Lor	ng-term							
No Action Alternative	51.2	48.0	43.2	41.8	43.2	45.9	48.7	51.7	52.8	52.3	52.3	52.1
No action atternative Alternative A	51.2	48.0	43.2	41.8	43.2	45.9 45.8	48.6	51.7	52.6	52.3	52.3	51.8
Difference	-0.2	-0.1	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	-0.1	-0.1	-0.3
Percent Difference ³	-0.3%	-0.1%	0.0%	0.0%	0.1%	-0.1%	-0.2%	0.0%	0.1%	-0.1%	-0.1%	-0.5%
				Water Y	ear Types	-						
Wet (32%)												
No Action Alternative	49.2	46.9	42.7	41.6	43.3	45.5	47.8	51.1	52.4	52.1	52.1	50.7
Allemative A	49.3	47.0	42.7	41.5	43.3	45.5	47.7	51.0	52.4	52.1	52.0	50.7
Difference	0.1	0.1	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0
Percent Difference	0.2%	0.1%	0.0%	-0.1%	0.0%	-0.2%	-0.2%	-0.1%	0.0%	0.0%	-0.1%	0.0%
Above Normal (15%)												
No Action Alternative	50.8	47.7	43.3	42.0	43.3	45.9	48.2	52.3	53.8	52.6	52.4	51.4
Alternative A	50.5	47.6	43.3	41.9	43.3	45.8	48.2	52.3	53.8	52.2	52.2	51.3
Difference	-0.2	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	-0.5	-0.1	-0.2
Percent Difference	-0.4%	-0.3%	-0.1%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.9%	-0.3%	-0.3%
Below Normal (17%)												
No Action Alternative	51.7	48.1	43.3	41.6	42.6	45.6	48.8	52.3	52.7	52.5	52.5	52.4
Alternative A	51.4	48.2	43.4	41.6	42.6	45.5	48.8	52.3	52.7	52.3	52.4	52.2
Difference	-0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.2
Percent Difference	-0.6%	0.2%	0.2%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.0%	-0.4%
Dry (22%)												
No Action Alternative	51.3	48.7	43.6	41.9	43.1	46.0	49.9	51.8	52.8	52.0	51.7	52.0
Alternative A	51.2	48.6	43.6	41.9	43.2	45.9	49.6	51.9	53.0	52.1	51.8	51.9
Difference	-0.2	-0.1	0.0	0.0	0.1	-0.1	-0.3	0.1	0.2	0.0	0.2	0.0
Percent Difference	-0.3%	-0.3%	-0.1%	0.1%	0.2%	-0.2%	-0.5%	0.1%	0.3%	0.1%	0.3%	-0.19
Critical (15%)												
No Action Alternative	55.0	49.6	43.8	42.1	43.7	46.7	49.3	51.3	53.0	52.8	53.6	55.8
Alternative A	54.5	49.3	43.8	42.2	43.8	46.6	49.4	51.3	52.9	53.0	53.2	54.4
Difference	-0.5	-0.3	0.0	0.1	0.0	0.0	0.1	0.0	-0.1	0.2	-0.4	-1.4
Percent Difference	-0.9%	-0.6%	0.0%	0.2%	0.1%	-0.1%	0.2%	0.0%	-0.1%	0.3%	-0.7%	-2.59

1 Based on the 82-year simulation period

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

3 Relative difference of the monthly average



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

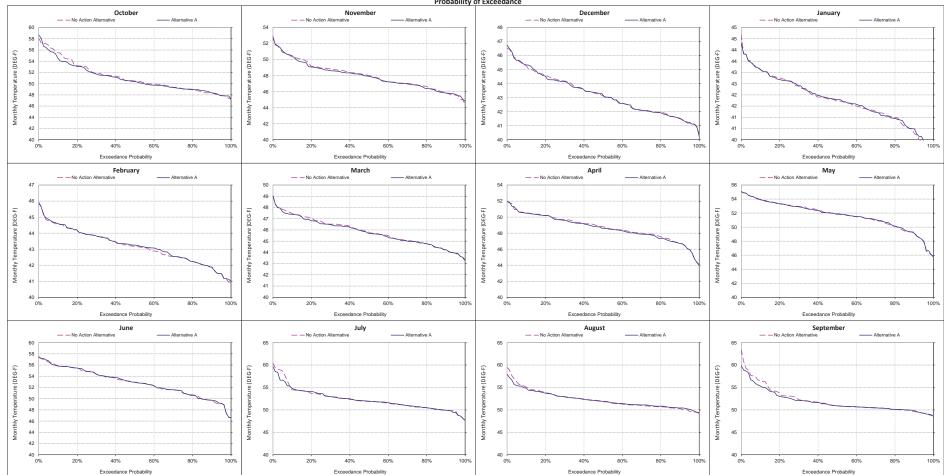


Table SQ-36-3b Clear Creek below Whiskeytown, Monthly Temperature Probability of Exceedance

Decembe

Novembe

Octobe

January Percent Percent Percent Percent No Action Alternative Alternative A Absolute Relative Exceedance Relative Relative Relative Exceedance Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG.E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% 0.0% 58.7 0.9% 0.0% 52.9 -0.3 -0.5% 0.0% 46.5 46.7 0.5% 44.3 -0.4 -0.8% 1.2% 57.2 58.1 0.9 1.5% 1.2% 51.8 51.9 0.1 0.2% 1.2% 46.5 46.5 0.0 0.1% 1.2% 43.8 43.8 0.0 0.0% 2.5% 57.2 56.7 -0.5 -1.0% 2.5% 51.7 51.7 0.1% 2.5% 46.2 46.3 0.2% 2.5% 43.8 43.8 0.0% 3.7% 3.7% 57.1 56.5 -0.7 -1.2% 3.7% 51.4 51.5 0.2 0.3% 3.7% 45.9 45.8 -0.1 -0.2% 43.5 43.5 0.0 -0.1% 4.9% 56.9 56.1 -0.8 -1.4% 4.9% 50.9 51.1 0.2 0.4% 4.9% 45.8 45.7 -0.1 -0.2% 4.9% 43.5 43.5 -0.1 -0.1% 6.2% 6.2% 6.2% 6.2% 56.4 55.7 -0.7 -1.2% 50.8 50.8 0.0 0.0% 45.6 45.7 0.1 0.1% 43.4 43.4 0.0 0.0% 7.4% 56.2 55.8 -1.0% 7.4% 0.0% 7.4% 45.5 7.4% 43.3 43.2 0.0 8.6% 8.6% 8.6% 8.6 · . 9.9% 11.1% 12.3% 8.6% 55.3 -0.4 -0.7% 50.5 50.6 0.0 0.1% 45.4 45.4 0.0 0.1% 43.2 43.2 -0.1% 9.9% 43.1 0.0% 11.1% 12.3% 55.5 54.1 -1.4 -2.5% 11.1% 50.3 50.2 0.0 -0.1% 11.1% 45.1 45.3 0.3 0.6% 43.0 43.1 0.0 0.1% 13.6% 13.6% 13.6% 0.0% 54.5 53.9 -0.6 -1.0% 50.1 49.8 -0 4 -0.7% 45.0 45.1 0.1 0.2% 43.0 43.0 0.0 16.0% 16.0% 16.0% 16.0% 54.4 53.5 -0.9 -1.7% 50.0 49.7 -0.3 -0.6% 44.8 44.7 -0.1 -0.1% 42.8 42.8 0.0 -0.1% 18.5% 18.5% -1.1% 18.5% 18.5% -0.2% 53.3 53.2 -0.1 -0.1% 49.7 49.1 -0.6 44.7 44.6 -0.1 -0.2% 42.8 42.7 -0.1 19.8% 21.0% 53.2 53.2 -0.1 -0.1 -0.2% 19.8% 49.1 49.1 -0.1 -0.1 19.8% 0.0 0.0% 19.8% 21.0% 42.8 42.7 42.7 42.7 -0.1 -0.1 44.5 53.1 -0.2% 49.1 -0.2% 44.3 -0.1% 22.2% 23.5% 53.0 52.9 -0.1% -0.4% 22.2% 23.5% -0.2% 22.2% 23.5% -0.4% 22.2% 23.5% 42.6 -0.2 -0.1 -0.1 0.0 53.1 -0.2 44.4 44.3 42.7 -0.1% 49.1 49.0 -0.1 -0.2% -0.2% 42.6 24.7% 25.9% -1.1% -0.7% 24.7% 25.9% 24.7% 25.9% 24.7% 25.9% 42.6 42.6 53.0 48.0 44.3 -0.1 -0.1 -0.2% 0.0 0.0% 52.5 52.1 -0.4 48.8 -0.1 -0.2% 44.3 44.2 48.9 -0.2% 42.6 0.0% 27.2% 28.4% 27.2% 28.4% 27.2% 28.4% 52.2 52.0 -0.4% 27.2% 48 9 48.7 -0.4% 44 2 42.5 42.5 0.0 51.8 0.1 0.3% 28.4% 48.9 48.7 -0.2 -0.4% 44.2 44.1 -0.1 -0.1% 42.4 42.5 0.1 0.2% 29.6% 30.9% -0.2% -0.5% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 51.8 51.8 48.8 48.8 48.6 -0.2 -0.2 -0.5% -0.4% 44.2 -0.1% -0.1% 42.4 42.4 0.0 0.0% 48.6 42.3 44.2 32.1% 51.8 -0.3 -0.5% 32.1% 48.7 48.6 -0.2 -0.3% 32.1% 44.1 44.0 -0.1 -0.2% 32.1% 42.3 42.3 0.0 0.0% 33.3% 51.5 -0.1 -0.1% 33.3% -0.2 -0.3% 33.3% 44.0 43.8 -0.2 -0.4% 33.3% 42.2 42.3 0.1 0.1% 34.6% 51.5 0.0 -0.1% 34.6% 48.7 48.5 -0.1 -0.3% 34.6% 43.8 43.7 -0.1 -0.2% 34.6% 42.2 42.2 0.0 -0.1% 35.8% -0.1% 35.8% -0.5% 35.8% -0.1% 35.8% 0.1 43.8 42.1 42.2 0.2% 37.0% -0.2-0.3% 37.0% 48.6 48.4 -0.2-0.4% 37.0% 43.7 43.7 0.0 0.1% 37.0% 42.0 42.1 0.1 0.2% 38.3% 51.4 51.2 -0.4% 38.3% 48.3 38.3% 43.7 38.3% 42.1 43.6 0.1% 39.5% 51.4 51.2 -0.2 -0.3% 39.5% 48.4 48.3 -0.1% 39.5% 43.6 43.6 0.0 0.1% 39.5% 41.9 42.0 0.1 0.2% 40.7% 51.3 51.1 -0.3% 40.7% 48.4 48.3 0.0 -0.1% 40.7% 43.5 43.5 0.0 0.0% 40.7% 41.9 42.0 0.1 0.2% 42.0% 51.2 50.9 -0.3-0.6% 42.0% 48.4 48.2 -0.1-0.3% 42.0% 43.4 43.4 0.0 0.0% 42.0% 41.9 41.9 0.0 0.0% 43.2% 51.0 50.7 -0.3 -0.7% 43.2% 48.3 48.2 -0.1 -0.1% 43.2% 43.4 43.4 0.0 -0.1% 43.2% 41.9 41.9 0.0 0.1% 44.4% 50.6 0.0 0.1% 44.4% 48.2 48.2 0.0 -0.1% 44.4% 43.4 43.4 0.0 0.0% 44.4% 41.8 41.9 0.0 0.1% 45.7% 45.7% 45.7% 50.6 50.5 -0.1 -0.1% 48.2 48.1 -0.1 -0.2% 43.3 43.4 0.1 0.1% 45.7% 41.8 41.8 0.0 0.1% 0.0 46.9% 50.6 50.5 -0.1% 46.9% 48.2 48.1 -0.2% 46.9% 43.3 43.3 0.1% 46.9% 41.8 41.8 0.0% 48.1% 49.4% -0.2% 50.5 50.4 -0.1 48.1% 48.1 48.0 -0.2 -0.3% 48.1% 43.3 43.3 0.0 0.1% 48.1% 41.8 41.8 0.0 0.1% -0.3% 49.4% 48.0 47.9 -0.2% 49.4% 43.2 43.3 0.3% 49.4% 41.8 0.1 50.6% 50.6% 50.6% 50.6% 50.4 50.3 -0.1 -0.1% 48.0 47.9 -0.1 -0.2% 43.1 43.0 0.0 -0.1% 41.7 41.8 0.1 0.1% 51.9% 50.2 -0.3% 51.9% 47.8 -0.2% 43.1 43.0 0.0% 51.9% 53.1% 41.8 0.2% 53.1% 53.1% 53.1% 50.4 -0.3 0.0 50.1 -0.5% 47.8 477 0.0 0.0% 43.0 43.0 0.0 417 417 0.0% 55.6% 56.8% 55.6% 55.6% 55.6% 50.1 49.9 -0.2 -0.4% 47.6 47.6 0.0 0.0% 42.9 42.8 0.0 -0.1% 41.6 41.6 0.0 0.0% 58.0% 58.0% 58.0% 50.0 49.8 -0.2 -0.4% 47.3 47.3 0.0 -0.1% 42.7 42.6 -0.1 -0.2% 58.0% 41.5 41.6 0.1 0.1% 60.5% 60.5% 60.5% 49.9 49.7 -0.2 -0.4% 47.2 47.2 0.0 0.0% 42.6 42.6 0.0 0.0% 60.5% 41.5 41.6 0.1 0.2% -0.4% 61.7% 47.2 42.5 63.0% 63.0% 63.0% -0.1% 63.0% 0.1 49.9 49.7 -0.2 -0.4% 47.2 47.1 0.0 42.5 42.5 0.0 0.0% 41.4 41.5 0.3% 64.2% 65.4% 49.7 49.7 49.6 49.6 -0.2% -0.3% 64.2% 65.4% -0.1% -0.1% 64.2% 65.4% 42.5 42.2 64.2% 65.4% 0.0 -0.1 47.1 47.0 42.2 0.0 41.4 41.4 0.0% 0.0 0.0% 66.7% 67.9% 49.6 49.6 -0.1% -0.4% 66.7% 67.9% 66.7% 67.9% 66.7% 67.9% 49 5 47.0 -0.1% 42.2 42.2 42.1 -0.1% 413 0.0 0.0% 47.1 47.0 0.0 -0.2 42.1 41.3 49.4 0.0 -0.1% 0.0% 41.3 -0.1% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% -0.1% 47.0 41.2 -0.1 0.0 49.3 -0.1% 47.0 42.1 49.4 -0.1 0.1 0.2% 42.1 0.0 0.0% 41.2 41.2 0.0% 46.9 71.6% 49.3 49 2 -0.2% -0.2% 71.6% 46.9 47.0 0.3% 71.6% 42.1 42.1 71.6% 41.2 41 2 0.0 0.0% 72.8% 49.3 49.2 -0.1 72.8% 46.9 46.9 0.0 0.0% 72.8% 42.0 42.1 0.0 0.1% 72.8% 41.2 41.1 -0.1 0.0% 74.1% 75.3% 74.1% 75.3% 74.1% 46.8 0.0 74.1% 0.0% -0.1 0.0 -0.2% -0.1% 75.3% 0.1% 75.3% 42.0 0.0 41.0 76.5% 49.0 49.0 0.0 0.1% 76.5% 46.8 46.7 -0.1% 76.5% 42.0 42.0 0.0 -0.1% 76.5% 41.0 0.0 0.0% 77.8% 0.1 0.2% 77.8% 77.8% -0.1% 77.8% -0.1 49.0 -0.2% 42.0 41.0 -0.2% 79.0% 48.9 49.0 0.1 0.2% 79.0% 46.7 46.4 -0.3 -0.6% 79.0% 42.0 41.9 0.0 -0.1% 79.0% 41.0 41.0 0.0 -0.1% 80.2% 0.0% 80.2% 46.6 46.4 80.2% 41.9 80.2% 41.0 -0.1% 48.9 -0.5% 42.0 0.0 -0.1% 41.0 81.5% 48.8 48.9 0.1 0.2% 81.5% 46.4 46.4 -0.1% 81.5% 41.9 41.8 -0.1-0.2%81.5% 41.0 40.9 -0.1-0.2%82.7% 82.7% 48.7 48.9 0.4% 82.7% 46.3 46.3 0.0 -0.1% 41.8 41.8 -0.1 -0.1% 82.7% 40.9 0.1 0.2% 84.0% 48.7 48.8 0.2 0.4% 84.0% 46.3 46.2 -0.1 -0.2% 84.0% 41.8 41.7 -0.1 -0.2% 84.0% 40.7 40.9 0.2 0.5% 85.2% 48.5 48.8 0.3 0.7% 85.2% 46.3 46.1 -0.2 -0.5% 85.2% 41.7 41.7 0.0 0.0% 85.2% 40.6 40.7 0.1 0.2% 86.4% 48.4 0.3 0.6% 86.4% 46.0 -0.3% 86.4% 41.6 41.6 0.0% 86.4% 40.6 40.6 0.0 0.0% 87.7% 48.4 48.7 0.3 0.6% 87.7% 46.0 45.9 -0.1 -0.3% 87.7% 41.6 41.6 0.0 0.0% 87.7% 40.5 40.5 0.0 0.0% 88.9% 48.4 48.5 0.1 0.2% 88.9% 46.0 45.9 -0.1 -0.2% 88.9% 41.5 41.6 0.0 0.1% 88.9% 40.5 40.5 0.0 0.0% 90.1% 48.3 48.3 0.0 0.0% 90.1% 45.8 45.8 0.0 0.0% 90.1% 41.5 41.5 0.0 0.1% 90.1% 40.3 40.5 0.2 0.6% 91.4% 48.2 48.3 0.1 91.4% 45.8 91.4% 41.4 41.4 91.4% 40.2 40.3 0.0 91.4% 92.6% 92.6% 48 1 48.2 0.3% 45.6 45.8 0.2 0.3% 41 3 413 0.0 0.0% 92.6% 40.0 40.1 0.3% 93.8% 47.9 45.7 41.3 93.8% 48.0 0.1 0.2% 93.8% 45.6 0.3% 93.8% 41.2 -0.1 -0.2%39.9 40.1 0.2 0.5% 95.1% 95.1% 95.1% 95.1% 47.9 47.9 0.0 0.0% 45.6 45.7 0.1 0.2% 41.2 41.2 0.0 -0.1% 39.9 39.9 0.0 0.0% 96.3% 47.8 0.0% 96.3% 45.5 45.5 0.0% 96.3% 97.5% 41.2 -0.1 -0.2% 96.3% 97.5% 39.8 39.9 0.1 -0.1 0.2% 97.5% 97.5% -0.3% 47.8 47.8 0.0 0.0% 45 1 45.5 0.4 0.9% 41 1 41 1 0.0% 39.7 39.6 0.9% -0.2% 98.8% 0.0% 100.0% 100.0% 100.0% 100.0% 47.2 47.2 0.0% 44.4 44.8 0.4 1.0% 40.3 40.2 0.0% 39.3 39.2 -0.1 -0.3%

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

									Probability	of Exceedance									
Percent		February			Percent		March			Percent		April			Percent		May		
Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative		Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative
Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)
0.0%	(DEG-F) 45.9	(DEG-F) 45.8	-0.1	-0.2%	(%) 0.0%	(DEG-F) 49.0	(DEG-F) 49.0	0.0	0.0%		(DEG-F) 51.9	(DEG-F) 51.9	0.0	0.0%	(%) 0.0%	(DEG-F) 55.1	(DEG-F) 55.1	0.0	0.0%
1.2%	45.6	45.6	0.0	0.0%	1.2%	48.3	48.3	0.0	0.0%	1.2%	51.8	51.9	0.0	0.0%	1.2%	54.9	54.9	0.0	0.0%
2.5%	45.2	45.1	-0.1	-0.1%	2.5%	48.0	48.0	0.0	0.0%	2.5%	51.7	51.4	-0.3	-0.6%	2.5%	54.8	54.9	0.0	0.0%
3.7%	44.8	45.0	0.1	0.3%	3.7%	48.0	47.9	0.0	0.0%	3.7%	51.0	51.3	0.3	0.6%	3.7%	54.6	54.5	0.0	-0.1%
4.9% 6.2%	44.8 44.7	44.9 44.8	0.1	0.2% 0.1%	4.9% 6.2%	47.8 47.8	47.6 47.5	-0.2 -0.3	-0.5% -0.5%	4.9% 6.2%	50.9 50.6	51.0 50.6	0.1	0.1%	4.9% 6.2%	54.4 54.4	54.4 54.4	0.0	0.0%
7.4%	44.7	44.7	0.0	0.1%	7.4%	47.7	47.5	-0.3	-0.5%	7.4%	50.6	50.6	-0.1	-0.2%	7.4%	54.1	54.2	0.0	0.0%
8.6%	44.6	44.7	0.1	0.2%	8.6%	47.6	47.4	-0.2	-0.4%	8.6%	50.6	50.5	-0.1	-0.1%	8.6%	54.0	54.1	0.1	0.2%
9.9%	44.6	44.6	0.0	0.1%	9.9%	47.5	47.4	-0.1	-0.1%	9.9%	50.5	50.5	-0.1	-0.1%	9.9%	54.0	53.9	-0.1	-0.1%
11.1% 12.3%	44.5 44.5	44.6 44.5	0.0	0.0%	11.1% 12.3%	47.4 47.4	47.4 47.4	0.0	-0.1%	11.1% 12.3%	50.5	50.5 50.4	0.0	-0.1% -0.1%	11.1% 12.3%	54.0 53.7	53.8 53.8	-0.1 0.1	-0.3%
13.6%	44.5	44.5	0.0	0.4%	13.6%	47.4	47.4	0.0	0.0%	13.6%	50.4 50.4	50.4	0.0	-0.1%	13.6%	53.7	53.7	0.0	0.3%
14.8%	44.3	44.3	0.0	0.0%	14.8%	47.2	47.2	0.0	-0.1%	14.8%	50.4	50.3	0.0	0.0%	14.8%	53.6	53.6	0.0	0.0%
16.0%	44.3	44.3	0.0	0.1%	16.0%	47.2	47.0	-0.2	-0.4%	16.0%	50.4	50.3	0.0	-0.1%	16.0%	53.6	53.5	0.0	-0.1%
17.3%	44.3 44.2	44.3	0.0	0.1%	17.3%	47.2	47.0 46.9	-0.2	-0.4%	17.3%	50.3	50.2	-0.1	-0.2%	17.3%	53.5	53.5	0.0	0.0%
18.5% 19.8%	44.2	44.2 44.2	0.0	0.0%	18.5% 19.8%	47.1 47.1	46.8	-0.2 -0.3	-0.4% -0.6%	18.5% 19.8%	50.2 50.2	50.2 50.2	0.0	0.0%	18.5% 19.8%	53.5 53.4	53.4 53.3	-0.1 0.0	-0.2% -0.1%
21.0%	44.0	44.0	0.0	0.0%	21.0%	46.9	46.8	-0.1	-0.3%	21.0%	50.2	50.2	0.0	0.0%	21.0%	53.3	53.3	0.0	-0.1%
22.2%	44.0	44.0	0.0	0.0%	22.2%	46.8	46.8	0.0	-0.1%	22.2%	50.2	50.1	-0.1	-0.1%	22.2%	53.3	53.3	0.0	0.0%
23.5%	44.0 43.9	44.0 43.9	0.0	0.0%	23.5%	46.8	46.7 46.5	-0.1	-0.3%	23.5%	49.9 49.9	49.9 49.7	0.0	0.0%	23.5% 24.7%	53.2	53.2 53.1	0.0	0.0%
24.7% 25.9%	43.9	43.9	0.0	0.0%	24.7% 25.9%	46.8 46.7	46.5 46.5	-0.2 -0.2	-0.5% -0.3%	24.7% 25.9%	49.9	49.7	-0.2 -0.2	-0.3% -0.4%	25.9%	53.2 53.0	53.0	-0.1 0.0	-0.2% 0.1%
27.2%	43.9	43.9	0.0	0.0%	27.2%	46.5	46.5	0.0	0.0%	27.2%	49.7	49.7	0.0	-0.1%	27.2%	53.0	53.0	0.0	0.0%
28.4%	43.9	43.9	0.0	0.0%	28.4%	46.5	46.5	0.0	0.0%	28.4%	49.7	49.7	-0.1	-0.1%	28.4%	53.0	52.9	-0.1	-0.1%
29.6%	43.8	43.8	0.0	0.0%	29.6%	46.5	46.5	0.0	-0.1%	29.6%	49.7	49.6	-0.1	-0.2%	29.6%	53.0	52.9	0.0	-0.1%
30.9%	43.8 43.8	43.8 43.8	0.0	0.0%	30.9% 32.1%	46.5 46.5	46.4 46.4	-0.1 -0.1	-0.2% -0.3%	30.9% 32.1%	49.7 49.7	49.6 49.4	-0.1 -0.2	-0.2% -0.5%	30.9% 32.1%	52.9 52.9	52.9 52.8	-0.1 -0.1	-0.1% -0.2%
33.3%	43.7	43.8	0.0	0.1%	33.3%	46.5	46.4	-0.2	-0.3%	33.3%	49.6	49.4	-0.2	-0.5%	33.3%	52.9	52.6	-0.3	-0.5%
34.6%	43.7	43.7	0.0	0.0%	34.6%	46.5	46.4	-0.1	-0.2%	34.6%	49.4	49.3	-0.1	-0.2%	34.6%	52.6	52.6	0.0	0.0%
35.8%	43.7	43.7	0.0	0.0%	35.8%	46.4	46.4	-0.1	-0.2%	35.8%	49.4	49.3	-0.1	-0.2%	35.8%	52.6	52.6	0.0	-0.1%
37.0% 38.3%	43.5 43.5	43.5 43.5	0.0	0.0%	37.0% 38.3%	46.4 46.4	46.3 46.3	-0.1 -0.1	-0.3% -0.2%	37.0% 38.3%	49.3 49.3	49.2 49.2	-0.1 -0.1	-0.2% -0.2%	37.0% 38.3%	52.6 52.6	52.6 52.4	0.0 -0.2	-0.1% -0.3%
39.5%	43.5	43.5	0.0	0.0%	39.5%	46.4	46.3	-0.1	-0.2%	39.5%	49.2	49.2	0.0	-0.1%	39.5%	52.4	52.4	-0.2	-0.1%
40.7%	43.4	43.4	0.0	-0.1%	40.7%	46.3	46.2	-0.1	-0.3%	40.7%	49.2	49.1	-0.1	-0.2%	40.7%	52.3	52.3	0.0	0.0%
42.0%	43.4	43.4	0.0	0.0%	42.0%	46.1	46.1	0.0	0.0%	42.0%	49.2	49.0	-0.1	-0.3%	42.0%	52.3	52.1	-0.2	-0.4%
43.2% 44.4%	43.3 43.3	43.3 43.3	0.0	0.0%	43.2% 44.4%	46.1 46.0	46.1 46.0	0.0	0.0%	43.2% 44.4%	49.2 49.1	49.0 48.9	-0.2 -0.2	-0.4% -0.5%	43.2% 44.4%	52.1 52.1	52.1 52.1	0.0	-0.1% -0.1%
45.7%	43.3	43.3	0.1	0.1%	45.7%	46.0	46.0	0.0	-0.1%	45.7%	49.1	48.8	-0.2	-0.4%	45.7%	52.1	52.1	-0.1	-0.1%
46.9%	43.2	43.3	0.1	0.2%	46.9%	46.0	45.9	-0.1	-0.2%	46.9%	48.9	48.8	-0.1	-0.3%	46.9%	52.0	52.0	0.0	0.0%
48.1%	43.2	43.3	0.1	0.2%	48.1%	45.9	45.8	0.0	-0.1%	48.1%	48.9	48.8	-0.1	-0.2%	48.1%	52.0	52.0	0.0	0.0%
49.4% 50.6%	43.2 43.2	43.3 43.2	0.1	0.2% 0.2%	49.4% 50.6%	45.8 45.7	45.7 45.7	-0.1 0.0	-0.3% -0.1%	49.4% 50.6%	48.8 48.8	48.6 48.6	-0.2 -0.1	-0.4% -0.3%	49.4% 50.6%	51.9 51.9	51.8 51.8	-0.1 -0.1	-0.1% -0.1%
51.9%	43.2	43.2	0.1	0.2%	51.9%	45.7	45.7 45.7	-0.1	-0.1%	51.9%	48.6	48.6	-0.1	-0.3%	51.9%	51.9	51.8	0.0	-0.1%
53.1%	43.1	43.2	0.0	0.1%	53.1%	45.7	45.6	0.0	-0.1%	53.1%	48.6	48.5	-0.1	-0.2%	53.1%	51.8	51.8	0.0	-0.1%
54.3%	43.1	43.2	0.1	0.1%	54.3%	45.7	45.6	0.0	-0.1%	54.3%	48.5	48.5	0.0	-0.1%	54.3%	51.8	51.7	-0.1	-0.1%
55.6%	43.1	43.1	0.0	0.1%	55.6%	45.6	45.6	0.0	0.0%	55.6%	48.5	48.4	0.0	-0.1%	55.6%	51.7	51.6	0.0	-0.1%
56.8% 58.0%	43.1 42.9	43.1 43.1	0.0	0.1%	56.8% 58.0%	45.6 45.5	45.6 45.5	0.0 -0.1	0.0% -0.2%	56.8% 58.0%	48.5 48.4	48.4 48.4	0.0	-0.1% -0.1%	56.8% 58.0%	51.6 51.5	51.6 51.6	0.0	0.0% 0.1%
59.3%	42.9	43.1	0.2	0.4%	59.3%	45.5	45.4	-0.1	-0.2%	59.3%	48.4	48.3	-0.1	-0.2%	59.3%	51.5	51.5	0.0	0.0%
60.5%	42.9	43.1	0.2	0.4%	60.5%	45.5	45.3	-0.2	-0.4%	60.5%	48.4	48.3	-0.1	-0.2%	60.5%	51.5	51.5	0.0	0.1%
61.7%	42.8	43.0	0.1	0.3%	61.7%	45.3	45.3	0.0	0.0%	61.7%	48.3	48.2	-0.1	-0.3%	61.7%	51.5	51.5	0.0	0.1%
63.0% 64.2%	42.8 42.7	43.0 42.9	0.1 0.2	0.3%	63.0% 64.2%	45.2 45.2	45.3 45.2	0.0	0.0%	63.0% 64.2%	48.3 48.2	48.1 48.0	-0.2 -0.1	-0.3% -0.3%	63.0% 64.2%	51.4 51.3	51.4 51.3	0.0	0.0%
65.4%	42.7	42.8	0.2	0.4%	65.4%	45.2	45.2	0.0	0.0%	65.4%	48.1	48.0	-0.1	-0.2%	65.4%	51.2	51.2	0.0	0.0%
66.7%	42.6	42.8	0.2	0.5%	66.7%	45.2	45.1	-0.1	-0.2%	66.7%	48.1	48.0	0.0	-0.1%	66.7%	51.2	51.2	0.0	0.1%
67.9%	42.6	42.7	0.1	0.3%	67.9%	45.1	45.1	0.0	-0.1%	67.9%	48.1	47.9 47.9	-0.1	-0.3%	67.9%	51.1	51.2	0.1	0.1%
69.1% 70.4%	42.6 42.5	42.6 42.5	0.0	0.1% 0.0%	69.1% 70.4%	45.1 45.1	45.0 45.0	0.0 -0.1	0.0% -0.2%	69.1% 70.4%	48.0 48.0	47.9 47.9	-0.2 -0.1	-0.3% -0.2%	69.1% 70.4%	51.0 50.9	51.1 51.0	0.1 0.1	0.3% 0.2%
71.6%	42.5	42.5	0.0	0.0%	71.6%	45.0	45.0	-0.1	-0.1%	71.6%	47.9	47.9	-0.1	-0.1%	71.6%	50.9	50.9	0.1	0.1%
72.8%	42.5	42.5	0.0	0.0%	72.8%	45.0	45.0	0.0	0.0%	72.8%	47.9	47.9	0.0	-0.1%	72.8%	50.8	50.9	0.1	0.2%
74.1%	42.5	42.5	0.0	0.0%	74.1%	45.0	44.9	0.0	-0.1%	74.1%	47.9	47.8	0.0	-0.1%	74.1%	50.8	50.8	0.0	0.0%
75.3% 76.5%	42.4 42.4	42.5 42.4	0.0	0.0%	75.3% 76.5%	45.0 44.8	44.9 44.9	-0.1 0.0	-0.2% 0.1%	75.3% 76.5%	47.9 47.9	47.8 47.7	-0.1 -0.1	-0.2% -0.3%	75.3% 76.5%	50.5 50.4	50.7 50.6	0.1 0.2	0.3%
77.8%	42.3	42.3	0.0	0.0%	77.8%	44.8	44.8	0.0	0.1%	77.8%	47.7	47.5	-0.2	-0.5%	77.8%	50.4	50.4	0.2	0.3%
79.0%	42.2	42.2	0.0	0.0%	79.0%	44.8	44.8	0.0	0.0%	79.0%	47.6	47.3	-0.3	-0.6%	79.0%	50.2	50.2	0.0	0.1%
80.2%	42.2	42.2	0.0	0.0%	80.2%	44.8	44.8	0.0	0.0%	80.2%	47.5	47.3	-0.2	-0.4%	80.2%	50.1	50.1	0.0	0.1%
81.5% 82.7%	42.2 42.1	42.2 42.1	0.0	0.0%	81.5% 82.7%	44.7 44.7	44.7 44.7	0.0	0.0%	81.5% 82.7%	47.4 47.4	47.3 47.2	-0.1 -0.1	-0.2% -0.3%	81.5% 82.7%	50.0 49.8	50.0 49.9	0.1	0.1%
82.7% 84.0%	42.1 42.1	42.1 42.1	0.0	0.0%	82.7% 84.0%	44.7 44.5	44.7	-0.1	-0.1%	82.7% 84.0%	47.4	47.2 47.1	-0.1	-0.5%	82.7% 84.0%	49.8 49.6	49.9	0.2	0.5%
85.2%	42.0	42.0	0.0	0.0%	85.2%	44.5	44.5	0.0	0.0%	85.2%	47.1	47.0	-0.1	-0.2%	85.2%	49.4	49.6	0.1	0.3%
86.4%	42.0	42.0	0.0	0.0%	86.4%	44.4	44.4	0.0	-0.1%	86.4%	47.0	46.9	0.0	-0.1%	86.4%	49.4	49.4	0.0	0.0%
87.7%	42.0 41.9	42.0 41.9	0.0	0.0%	87.7%	44.4 44.2	44.4 44.2	0.0	0.0%	87.7%	46.9 46.8	46.9 46.8	0.0	0.0% -0.1%	87.7% 88.9%	49.3 49.3	49.3 49.3	0.0	0.1%
88.9% 90.1%	41.9 41.9	41.9 41.9	0.0	-0.1%	88.9% 90.1%	44.2 44.2	44.2 44.2	0.0	0.0%	88.9% 90.1%	46.8 46.7	46.8 46.7	0.0	-0.1% 0.0%	88.9% 90.1%	49.3 49.3	49.3 49.1	-0.2	0.0% -0.4%
91.4%	41.7	41.7	0.0	0.0%	91.4%	44.1	44.1	0.0	0.1%	91.4%	46.6	46.7	0.0	0.0%	91.4%	48.7	48.7	0.0	0.0%
92.6%	41.5	41.5	0.0	0.0%	92.6%	44.0	44.0	0.0	0.0%	92.6%	46.4	46.4	0.0	0.0%	92.6%	48.5	48.5	0.0	0.1%
93.8%	41.5	41.5	0.0	0.0%	93.8%	44.0	44.0	0.0	-0.1%	93.8%	46.1	46.0	0.0	-0.1%	93.8%	48.3	48.3	0.0	0.0%
95.1% 96.3%	41.5 41.2	41.5 41.2	0.0	0.0%	95.1% 96.3%	43.9 43.9	43.9 43.9	0.0	0.1%	95.1% 96.3%	45.9 45.5	45.9 45.5	0.0	0.0%	95.1% 96.3%	47.9 46.6	48.0 46.7	0.1	0.2%
97.5%	41.1	41.2	0.0	0.1%	97.5%	43.7	43.6	0.0	-0.1%	97.5%	45.5	45.5 44.8	0.0	0.1%	97.5%	46.3	46.6	0.1	0.6%
98.8%	40.9	41.1	0.2	0.4%	98.8%	43.5	43.6	0.0	0.1%	98.8%	44.3	44.4	0.0	0.1%	98.8%	46.1	46.1	0.0	0.0%
100.0%	40.9	41.0	0.1	0.1%	100.0%	43.2	43.3	0.1	0.1%	100.0%	43.9	44.1	0.2	0.3%	100.0%	45.7	45.8	0.0	0.1%

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

Part										Probability	of Exceedance	stature								
Part	Percent		June			Percent		July			Percent		August			Percent		September		
Section Sect	Exceedance					Exceedance					Exceedance					Exceedance				Relative
Section Sect					Difference (%)					Difference (%)					Difference (%)					Difference (%)
1	(%)		(DEG-F)		0.4%	(%)				-1 3%	(%)	(DEG-F)	(DEG-F)		-2 6%	(%)				-5.6%
1.00	1.2%					1.2%					1.2%					1.2%				-3.2%
Apr. Col.						2.5%				-1.1%	2.5%		56.6		-1.8%					-1.1%
Color																				-0.9% -1.6%
The Col																				-2.0%
17. 17.	7.4%	56.4		-0.3	-0.6%	7.4%	56.5			-2.1%	7.4%	55.7	55.3	-0.3	-0.6%	7.4%			-1.6	-2.7%
10.																			-1.1	-1.9%
13.0 13.0																				-2.2% -2.3%
140, 140,																				-2.3%
100. 50.										0.1%		54.5		-0.2					-0.9	-1.6%
170, 170,																				-0.6% -0.4%
Month 100 10				0.1		17.3%				-0.1%	17.3%	54.3 54.2		-0.2	-0.3%				-0.2	-0.4%
100 100																	54.1			-1.6%
22.00														-0.2						-1.3%
2006																				-0.5% -0.7%
24.70																				-0.6%
The color of the	24.7%	54.8	54.9	0.0	0.1%	24.7%	53.4	53.6	0.2	0.4%	24.7%	53.4	53.3	0.0	-0.1%	24.7%		52.7	-0.4	-0.8%
See																				-1.1%
2006 543			54.8 54.8							-0.2%		53.1	53.0	0.0	-U.1% 0.1%	21.2%			-0.7	-1.3% -1.4%
2210 541 541 541 541 541 541 541 541 541 541																				-0.4%
1335 541 541 00 00 00 325 528 527 0.1 0.3 0.5 0.2 0.5 0.0			54.2			30.9%	52.9		0.0		30.9%	52.9	52.8				52.2			-0.2%
346. 539 540 07 076 526 527 528 01 0.0 016 346. 527 0.0 016 017 346. 528 528 0.0 0.0 016 347. 346. 528 528 0.0 0.0 016 347. 346. 528 528 528 528 528 528 528 528 528 528											32.1%									-0.1% -0.1%
28.06											33.3%									-0.1%
Mary State Cold		53.8		0.1				52.6			35.8%	52.6		0.0		35.8%		51.8	0.0	-0.1%
2079 527 528																				-0.3%
A076 SA4 S37 O3 O876 A076 S22 S24 O1 O15 A076 S24 S22 O1 O15 A076 S24 S23 O1 O15 A076 S17 S18 O1 O15 A076 S24 S23 O1 O15						38.3%			0.0	0.0%	38.3%			-0.0	-0.1%				-0.1	-0.3% -0.2%
427h 514 536 03 03 05h 427h 523 522 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0																				-0.1%
44-69, 52-2 53.3 0.1 0.1% 44-69, 52-1 52-1 0.1 0.2% 44-69, 52-2 52-1 0.1 0.1% 44-69, 51-4 51-3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	42.0%	53.4	53.6	0.3	0.5%	42.0%			0.0	-0.1%	42.0%	52.3	52.2	0.0	0.0%	42.0%	51.5		-0.1	-0.3%
46.7% \$3.2 \$3.2 \$0.0 \$0.0% \$4.7% \$2.0 \$2.1 \$0.1 \$0.2% \$4.7% \$2.2 \$2.1 \$0.1 \$0.1 \$4.5% \$5.1 \$1.1 \$0.0 \$4.5% \$3.0 \$0.2 \$0.1 \$0.1 \$4.5% \$5.2 \$0.1 \$0.1 \$4.5% \$5.2 \$0.2 \$0.1 \$0.1 \$4.5% \$5.1 \$0.1 \$0.5% \$4.5% \$0.1 \$0.2 \$0.1 \$0.1 \$0.5% \$4.5% \$0.1 \$0.2 \$0.2 \$0.0																				-0.2%
46/9/16 23.1 53.2 0.1 0.1% 44/9/6 51.9 52.1 0.1 0.3% 44/9/6 51.9 52.1 0.1 0.3% 44/9/6 51.0 0.1% 44/9/6 51.0 0.1% 44/9/6 51.0 0.1% 44/9/6 51.0 0.1% 44/9/6 51.0 0.1% 44/9/6 51.0 0.1% 44/9/6 51.0 0.1% 44/9/6 51.0 0.1% 44/9/6 51.0 0.1% 44/9/6 51.0 0.1% 44/9/6 51.0 0.1% 50/9/6 50/9 50/9 50/9 50/9 50/9 50/9 50/9 50/9										0.2%										-0.1% 0.1%
40-Wis 53.0 52.9 0.0 0.0 Wis 40-Wis 51.9 51.9 51.9 0.1 0.1 0.1% 40-Wis 51.9 51.9 0.0 0.0 Wis 50.0 52.9 0.0 0.0 Wis 50.0 51.9 0.0 0.0 Wis 50.0 51.9 0.0 0.0 Wis 50.0 Wi																				-0.1%
SORN S28 S28 O0																				0.0%
\$19% \$2.8 \$2.8 \$0.0 \$0.0% \$1.9% \$1.9 \$1.9 \$0.0 \$0.0% \$1.9% \$1.9 \$1.9 \$1.9 \$1.9 \$1.9 \$1.9 \$1.9 \$1.9	49.4%										49.4%					49.4%				-0.1%
S3.1% S28 S28 O0 O.0% S3.1% S18 S18 O0 O.0% S3.1% S18 S18 O0 O.0% S3.1% S18 O1 O.2% S3.1% S0.8 S0.8 O0 O.0 S18																				0.0%
See See See See See See See See See Se	53.1%	52.8	52.8	0.0	0.0%	53.1%	51.8	51.9	0.0	0.0%	53.1%	51.7	51.8	0.1	0.2%	53.1%	50.8	50.8	0.0	0.1%
56.8% 52.5 52.5 0.0 0.0% 56.8% 51.6 51.7 0.1 0.2% 56.8% 51.4 51.5 0.1 0.2% 56.8% 50.7 50.8 0.1																				0.0%
Section Sect										0.2%										0.1% 0.1%
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$\begin{array}{cccccccccccccccccccccccccccccccccccc$	82.7%	50.5				82.7%					82.7%	50.6				82.7%			0.1	0.2%
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100.070 11.0 11.1 0.0 0.170 100.070 10.1 0.2 0.070 100.070 10.10 10.070	100.0%	46.6	46.7	0.0	0.1%	100.0%	47.6	47.7	0.0	0.1%	100.0%	49.2	49.4	0.2	0.5%	100.0%	48.7	48.6	-0.1	-0.2%

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

				-		thly Temp	erature (DE	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Mav	Jun	Jul	Aua	Sep
				Lor	ig-term							
Full Simulation Period ¹												
No Action Alternative	51.9	48.3	43.3	41.9	43.5	46.3	49.5	52.6	55.2	58.3	57.0	53.9
Alternative A	51.7	48.2	43.3	42.0	43.5	46.3	49.4	52.6	55.2	58.2	57.0	53.6
Difference	-0.2	-0.1	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	-0.2
Percent Difference ³	-0.4%	-0.1%	0.0%	0.0%	0.1%	-0.1%	-0.2%	0.0%	0.0%	-0.1%	0.0%	-0.4%
				Water Y	ear Types	2						
Wet (32%)												
No Action Alternative	49.9	47.2	42.8	41.6	43.5	45.9	48.4	52.0	54.4	58.0	57.1	52.6
Alternative A	50.0	47.3	42.8	41.6	43.5	45.8	48.3	52.0	54.4	58.0	57.1	52.7
Difference	0.1	0.1	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0
Percent Difference	0.2%	0.1%	0.0%	-0.1%	0.0%	-0.2%	-0.2%	0.0%	0.0%	0.0%	-0.1%	0.1%
Above Normal (15%)												
No Action Alternative	51.3	47.9	43.5	42.3	43.6	46.2	49.0	53.2	56.3	60.1	57.4	53.3
Alternative A	51.2	47.8	43.4	42.2	43.6	46.2	49.0	53.2	56.2	59.7	57.3	53.2
Difference	-0.2	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.4	-0.1	-0.1
Percent Difference	-0.3%	-0.1%	-0.1%	-0.1%	0.0%	-0.1%	0.0%	0.0%	-0.1%	-0.7%	-0.2%	-0.3%
Below Normal (17%)												
No Action Alternative	52.4	48.4	43.4	41.8	42.9	46.0	49.6	53.2	54.8	58.3	57.1	54.0
Alternative A	52.1	48.4	43.4	41.8	43.0	46.0	49.5	53.2	54.8	58.2	57.2	53.9
Difference	-0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1
Percent Difference	-0.6%	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.2%
Dry (22%)												
No Action Alternative	52.0	49.0	43.7	42.0	43.4	46.5	50.7	52.7	55.1	57.7	56.2	53.6
Alternative A	51.8	48.8	43.7	42.1	43.5	46.5	50.4	52.7	55.3	57.7	56.4	53.6
Difference	-0.2	-0.1	0.0	0.0	0.1	-0.1	-0.2	0.1	0.2	0.1	0.2	0.0
Percent Difference	-0.3%	-0.3%	-0.1%	0.1%	0.2%	-0.1%	-0.5%	0.1%	0.3%	0.1%	0.3%	-0.1%
Critical (15%)	•	•			•	•		•				
No Action Alternative	56.2	49.7	43.9	42.3	44.2	47.3	50.4	52.5	56.2	57.8	57.6	57.2
Alternative A	55.4	49.5	43.9	42.4	44.3	47.3	50.5	52.5	56.1	58.0	57.5	55.9
Difference	-0.8	-0.3	0.0	0.1	0.0	0.0	0.1	0.0	-0.1	0.2	-0.1	-1.2
Percent Difference	-1.5%	-0.5%	0.0%	0.1%	0.1%	-0.1%	0.2%	0.1%	-0.1%	0.3%	-0.1%	-2.29

1 Based on the 82-year simulation period

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

3 Relative difference of the monthly average



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

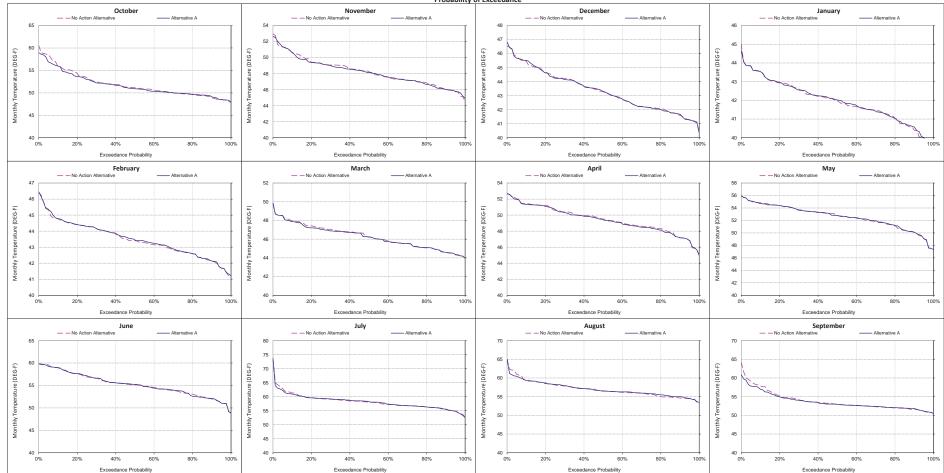


Table SQ-37-3b
Clear Creek at Igo, Monthly Temperature
Probability of Exceedance

December

January

November

October

Percent		*** ** *			Percent					Percent					Percent				
Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative
Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability		Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	60.6	58.9	-1.6	-2.7%	0.0%	53.0	52.7	-0.3	-0.6%	0.0%	46.5	46.8	0.3	0.6%	0.0%	45.0	44.7	-0.3	-0.8%
1.2%	58.9	58.6	-0.3	-0.6%	1.2%	52.8	52.5	-0.3	-0.5%	1.2%	46.5	46.4	0.0	0.0%	1.2%	44.1	44.1	0.0	-0.1%
2.5%	58.8	58.5	-0.3	-0.6%	2.5%	51.6	52.0	0.4	0.7%	2.5%	46.3	46.4	0.1	0.2%	2.5%	43.9	43.9	0.0	0.0%
3.7%	58.6	58.0	-0.6	-1.1%	3.7%	51.4	51.7	0.3	0.6%	3.7%	45.9	45.8	-0.1	-0.2%	3.7%	43.9	43.9	0.0	0.0%
4.9%	58.6	56.9	-1.7	-2.8%	4.9%	51.3	51.4	0.0	0.0%	4.9%	45.8	45.7	-0.1	-0.2%	4.9%	43.8	43.9	0.0	0.0%
6.2%	57.9	56.7	-1.2	-2.1%	6.2%	51.3	51.2	-0.1	-0.1%	6.2%	45.6	45.6	0.0	0.0%	6.2%	43.6	43.6	0.0	-0.1%
7.4%	57.1	56.4	-0.7	-1.2%	7.4%	51.0	51.2	0.1	0.2%	7.4%	45.5	45.6	0.1	0.2%	7.4%	43.6	43.6	0.0	0.0%
8.6%	57.0	56.1	-0.8	-1.5%	8.6%	50.9	51.0	0.1	0.1%	8.6%	45.5	45.5	0.0	0.1%	8.6%	43.6	43.6	0.0	0.0%
9.9%	56.0	55.9	0.0	0.0%	9.9%	50.7	50.6	0.0	0.0%	9.9%	45.5	45.5	0.0	0.1%	9.9%	43.5	43.5	0.0	0.0%
11.1% 12.3%	55.8 55.4	55.9 54.8	0.0	0.1%	11.1% 12.3%	50.5 50.5	50.4 50.1	-0.1 -0.4	-0.2% -0.7%	11.1% 12.3%	45.2 45.2	45.5 45.3	0.3	0.6%	11.1% 12.3%	43.5 43.3	43.4 43.2	0.0	-0.1% 0.0%
13.6%	55.1	54.7	-0.5	-0.9%	13.6%	50.4	49.9	-0.6	-1.1%	13.6%	45.1	45.2	0.1	0.2%	13.6%	43.1	43.2	0.0	0.1%
14.8%	55.1 55.1	54.6	-0.6 -0.8	-1.0%	14.8%	50.1	49.8	-0.3	-0.7%	14.8% 16.0%	45.0	45.1	0.0	0.1%	14.8%	43.1 43.1	43.1	0.0	0.0%
16.0% 17.3%	55.1 55.0	54.3 54.3	-0.8	-1.5% -1.3%	16.0% 17.3%	50.0 49.9	49.8 49.8	-0.2 -0.1	-0.4% -0.2%	17.3%	45.0 45.0	45.0 44.9	0.0 -0.1	0.0% -0.2%	16.0% 17.3%	43.1	43.1 43.1	0.0	0.0%
			-0.7			49.8	49.5			18.5%		44.9	0.0			43.0			
18.5% 19.8%	54.6 54.5	53.8 53.6	-0.8	-1.5% -1.5%	18.5% 19.8%	49.8 49.4	49.5	-0.4 0.0	-0.8% -0.1%	18.5% 19.8%	44.8 44.7	44.8	-0.1	0.0% -0.2%	18.5% 19.8%	43.0	43.0 42.9	0.0	-0.1% -0.1%
21.0%	53.8	53.6	-0.8	-0.3%	21.0%	49.4	49.4	0.0	-0.1%	21.0%	44.6	44.6	0.0	0.0%	21.0%	42.9	42.9	0.0	0.0%
22.2%	53.7	53.5	-0.1	-0.4%	22.2%	49.4	49.3	-0.1	-0.1%	22.2%	44.6	44.4	-0.2	-0.4%	22.2%	42.9	42.8	-0.1	-0.2%
23.5%	53.7	53.3	-0.2	-0.4%	23.5%	49.4	49.3	-0.1	-0.1%	23.5%	44.5	44.4	-0.2	-0.4%	23.5%	42.9	42.8	-0.1	-0.2%
24.7%	53.5	53.0	-0.5	-0.9%	24.7%	49.3	49.3	0.0	0.1%	24.7%	44.3	44.3	0.0	-0.1%	24.7%	42.8	42.8	0.0	-0.1%
25.9%	53.1	53.0	-0.1	-0.9%	25.9%	49.2	49.2	0.0	0.0%	25.9%	44.3	44.2	-0.1	-0.1%	25.9%	42.8	42.8	-0.1	-0.2%
27.2%	52.9	52.7	-0.2	-0.4%	27.2%	49.1	49.1	0.0	0.0%	27.2%	44.3	44.2	0.0	-0.1%	27.2%	42.7	42.7	0.0	0.0%
28.4%	52.6	52.6	-0.2	-0.1%	28.4%	49.1	49.1	0.0	-0.1%	28.4%	44.3	44.2	0.0	0.0%	28.4%	42.7	42.6	0.0	-0.1%
29.6%	52.5	52.0	-0.1	-0.1%	29.6%	49.1	49.0	0.0	-0.1%	29.6%	44.2	44.2	-0.1	-0.1%	29.6%	42.7	42.6	-0.1	-0.1%
30.9%	52.5 52.4	52.2	-0.3	-0.5%	30.9%	49.1	48.9	-0.2	-0.1%	30.9%	44.2	44.2	-0.1	-0.1%	30.9%	42.6	42.5	0.0	0.0%
32.1%	52.4	52.2	0.0	-0.4%	32.1%	49.1	48.8	-0.2	-0.5%	32.1%	44.2	44.1	-0.1	-0.2%	32.1%	42.5	42.5	0.0	0.0%
33.3%	52.2	52.1	-0.1	-0.1%	33.3%	49.1	48.8	-0.2	-0.5%	33.3%	44.1	44.1	0.0	-0.1%	33.3%	42.4	42.5	0.2	0.4%
34.6%	52.0	52.0	0.0	0.1%	34.6%	49.0	48.8	-0.3	-0.6%	34.6%	44.1	44.1	0.0	0.0%	34.6%	42.3	42.4	0.1	0.2%
35.8%	52.0	52.0	0.0	0.0%	35.8%	49.0	48.7	-0.3	-0.6%	35.8%	44.0	44.0	0.0	0.0%	35.8%	42.3	42.4	0.1	0.1%
37.0%	52.0	51.9	-0.1	-0.2%	37.0%	49.0	48.7	-0.3	-0.6%	37.0%	43.9	43.9	0.0	-0.1%	37.0%	42.3	42.3	0.0	0.0%
38.3%	51.9	51.8	-0.1	-0.2%	38.3%	48.9	48.6	-0.3	-0.6%	38.3%	43.8	43.8	0.0	0.0%	38.3%	42.3	42.3	0.0	0.0%
39.5%	51.9	51.7	-0.1	-0.3%	39.5%	48.6	48.6	0.0	0.0%	39.5%	43.6	43.7	0.1	0.2%	39.5%	42.2	42.3	0.0	0.1%
40.7%	51.9	51.7	-0.2	-0.4%	40.7%	48.6	48.5	-0.1	-0.1%	40.7%	43.6	43.6	0.0	-0.1%	40.7%	42.2	42.2	0.0	0.0%
42.0%	51.9	51.6	-0.2	-0.4%	42.0%	48.5	48.5	0.0	-0.1%	42.0%	43.6	43.6	0.0	-0.1%	42.0%	42.2	42.2	0.0	0.1%
43.2%	51.5	51.5	0.0	0.0%	43.2%	48.5	48.4	-0.1	-0.2%	43.2%	43.6	43.6	0.0	0.0%	43.2%	42.2	42.2	0.1	0.1%
44.4%	51.3	51.2	-0.2	-0.3%	44.4%	48.5	48.4	-0.1	-0.2%	44.4%	43.5	43.5	0.0	0.0%	44.4%	42.1	42.2	0.1	0.1%
45.7%	51.3	51.2	-0.1	-0.2%	45.7%	48.4	48.4	0.0	0.0%	45.7%	43.5	43.5	0.1	0.2%	45.7%	42.1	42.1	0.0	0.0%
46.9%	51.2	51.1	-0.2	-0.3%	46.9%	48.4	48.3	-0.1	-0.1%	46.9%	43.4	43.5	0.0	0.1%	46.9%	42.1	42.1	0.0	0.0%
48.1%	51.2	51.0	-0.2	-0.4%	48.1%	48.4	48.2	-0.1	-0.3%	48.1%	43.3	43.4	0.1	0.3%	48.1%	42.0	42.1	0.0	0.1%
49.4%	51.2	50.9	-0.3	-0.5%	49.4%	48.3	48.1	-0.2	-0.4%	49.4%	43.3	43.3	0.0	0.0%	49.4%	42.0	42.0	0.0	0.1%
50.6%	51.1	50.9	-0.2	-0.3%	50.6%	48.2	48.1	0.0	-0.1%	50.6%	43.2	43.3	0.0	0.1%	50.6%	41.9	42.0	0.1	0.2%
51.9%	51.0	50.9	-0.2	-0.3%	51.9%	48.1	48.1	-0.1	-0.1%	51.9%	43.2	43.2	0.0	-0.1%	51.9%	41.8	42.0	0.2	0.4%
53.1%	51.0	50.8	-0.2	-0.4%	53.1%	47.9	48.0	0.2	0.4%	53.1%	43.1	43.1	0.0	0.0%	53.1%	41.8	41.9	0.1	0.1%
54.3%	50.9	50.8	-0.1	-0.2%	54.3%	47.8	47.9	0.1	0.2%	54.3%	43.0	43.0	0.0	-0.1%	54.3%	41.8	41.8	0.0	0.1%
55.6%	50.8	50.7	-0.1	-0.2%	55.6%	47.8	47.9	0.1	0.1%	55.6%	43.0	43.0	0.0	0.0%	55.6%	41.7	41.8	0.1	0.3%
56.8%	50.8	50.5	-0.4	-0.7%	56.8%	47.8	47.8	0.0	0.1%	56.8%	43.0	42.9	0.0	-0.1%	56.8%	41.7	41.8	0.1	0.3%
58.0%	50.8	50.4	-0.4	-0.7%	58.0%	47.6	47.6	0.0	0.0%	58.0%	42.9	42.8	-0.1	-0.1%	58.0%	41.7	41.8	0.1	0.2%
59.3%	50.6	50.4	-0.3	-0.6%	59.3%	47.6	47.6	0.1	0.2%	59.3%	42.8	42.8	0.0	0.0%	59.3%	41.7	41.8	0.1	0.2%
60.5%	50.5	50.3	-0.2	-0.3%	60.5%	47.5	47.5	0.0	0.1%	60.5%	42.7	42.7	0.0	0.0%	60.5%	41.6	41.7	0.0	0.1%
61.7%	50.5	50.3	-0.2	-0.3%	61.7%	47.4	47.5	0.1	0.2%	61.7%	42.6	42.6	0.0	0.0%	61.7%	41.6	41.6	0.0	0.0%
63.0%	50.4	50.3	-0.1	-0.3%	63.0%	47.3	47.5	0.1	0.3%	63.0%	42.6	42.6	0.0	0.1%	63.0%	41.6	41.6	0.0	0.1%
64.2%	50.4	50.2	-0.1	-0.2%	64.2%	47.3	47.4	0.0	0.1%	64.2%	42.5	42.5	0.0	0.0%	64.2%	41.5	41.6	0.0	0.0%
65.4%	50.3	50.2	-0.1	-0.2%	65.4%	47.3	47.3	0.0	0.0%	65.4%	42.4	42.4	0.0	0.0%	65.4%	41.5	41.5	0.0	-0.1%
66.7%	50.3	50.1	-0.1	-0.2%	66.7%	47.3	47.3	0.0	-0.1%	66.7%	42.3	42.3	0.0	0.0%	66.7%	41.5	41.5	0.0	0.0%
67.9%	50.2	50.1	-0.1	-0.2%	67.9%	47.3	47.3	0.0	-0.1%	67.9%	42.2	42.2	0.0	0.0%	67.9%	41.5	41.5	0.0	0.0%
69.1%	50.1 49.9	50.1 50.0	0.0	0.0%	69.1% 70.4%	47.3 47.2	47.2 47.2	-0.1 0.0	-0.2%	69.1% 70.4%	42.2 42.2	42.2 42.2	0.0	0.0%	69.1%	41.5 41.4	41.5 41.4	0.0 -0.1	0.0%
70.4%			0.0	0.1%					0.0%				0.0	0.0%	70.4%				-0.2%
71.6% 72.8%	49.9 49.9	50.0 49.9	0.0	0.1% 0.1%	71.6% 72.8%	47.2 47.1	47.2 47.1	0.0	0.0%	71.6% 72.8%	42.2 42.2	42.2 42.2	0.0	0.0%	71.6% 72.8%	41.4 41.4	41.4 41.3	-0.1 -0.1	-0.2% -0.1%
72.8%	49.9 49.9	49.9 49.9	0.0	0.1%	72.8%	47.1 47.1	47.1 47.1	0.0	0.0%	72.8% 74.1%	42.2 42.2	42.2 42.2	0.0	0.0%	72.8% 74.1%	41.4	41.3 41.3	-0.1	-0.1%
74.1% 75.3%	49.9 49.8	49.9	0.0	0.0%	74.1% 75.3%	47.1 47.0	47.1 47.0	0.1	-0.1%	74.1% 75.3%	42.2 42.1	42.2 42.1	0.0	-0.1%	74.1% 75.3%	41.3 41.3	41.3 41.2	0.0	-0.1%
75.3% 76.5%	49.8	49.9 49.8	0.1	0.3%	75.3% 76.5%	47.0 47.0	47.0	-0.1	-0.1%	75.3% 76.5%	42.1 42.1	42.1 42.1	-0.1	-0.1%	75.3% 76.5%	41.3 41.2	41.2 41.2	-0.1	-0.1%
77.8%	49.7	49.8	0.1	0.2%	77.8%	47.0	46.9	-0.1	-0.1%	77.8%	42.1	42.1	0.0	-0.2%	77.8%	41.2	41.1	0.0	-0.1%
77.8%	49.7 49.7	49.8 49.7	0.1	0.2%	77.8%	47.0	46.9 46.7	-0.1	-0.2%	77.8%	42.1 42.1	42.1 42.1	0.0	-0.1%	77.8%	41.2 41.2	41.1 41.1	-0.1	-0.1%
80.2%	49.6	49.7	0.1	0.2%	80.2%	46.8	46.6	-0.2	-0.4%	80.2%	42.1	42.0	-0.1	-0.2%	80.2%	41.0	41.0	0.0	0.0%
81.5%	49.6	49.7	0.1	0.2%	81.5%	46.6 46.6	46.6	0.0	-0.4%	81.5%	42.1	42.0	-0.1	-0.2%	81.5%	41.0	40.9	-0.1	-0.2%
82.7%	49.4	49.6	0.2	0.4%	82.7%	46.6	46.5	-0.2	-0.3%	82.7%	41.9	41.9	0.0	-0.1%	82.7%	40.7	40.9	0.1	0.3%
84.0%	49.4	49.5	0.1	0.4%	84.0%	46.6	46.5	-0.2	-0.5%	84.0%	41.9	41.9	0.0	-0.1%	84.0%	40.7	40.7	0.1	0.0%
85.2%	49.4	49.5	0.1	0.2%	85.2%	46.4	46.2	-0.2	-0.4%	85.2%	41.8	41.8	0.0	0.0%	85.2%	40.7	40.7	0.0	0.1%
86.4%	49.4	49.5	0.1	0.2%	86.4%	46.3	46.1	-0.2	-0.3%	86.4%	41.8	41.8	0.0	0.0%	86.4%	40.6	40.7	0.0	0.1%
87.7%	49.2	49.4	0.1	0.2%	87.7%	46.2	46.1	-0.2	-0.2%	87.7%	41.7	41.8	0.0	0.1%	87.7%	40.6	40.7	0.0	0.1%
88.9%	49.2	49.4	0.2	0.4%	88.9%	46.1	46.1	0.0	0.0%	88.9%	41.7	41.7	0.0	0.1%	88.9%	40.6	40.6	0.0	0.1%
90.1%	48.9	49.1	0.2	0.5%	90.1%	46.0	46.0	0.0	0.0%	90.1%	41.6	41.7	0.1	0.2%	90.1%	40.4	40.6	0.2	0.4%
91.4%	48.8	49.0	0.2	0.5%	91.4%	45.9	46.0	0.1	0.1%	91.4%	41.5	41.5	0.0	-0.1%	91.4%	40.4	40.4	0.0	0.0%
92.6%	48.6	48.9	0.3	0.6%	92.6%	45.9	46.0	0.0	0.1%	92.6%	41.4	41.3	-0.1	-0.2%	92.6%	40.0	40.3	0.3	0.7%
93.8%	48.5	48.5	0.0	0.0%	93.8%	45.8	45.9	0.1	0.3%	93.8%	41.3	41.3	0.0	0.0%	93.8%	40.0	40.1	0.0	0.1%
95.1%	48.5	48.5	0.0	-0.1%	95.1%	45.7	45.8	0.0	0.1%	95.1%	41.3	41.3	0.0	-0.1%	95.1%	39.9	40.0	0.1	0.2%
96.3%	48.4	48.5	0.0	0.0%	96.3%	45.7	45.7	0.0	0.1%	96.3%	41.2	41.2	0.0	0.0%	96.3%	39.9	39.7	-0.1	-0.4%
97.5%	48.4	48.4	0.0	0.0%	97.5%	45.2	45.6	0.4	0.9%	97.5%	41.2	41.2	0.0	-0.1%	97.5%	39.7	39.7	0.0	0.0%
98.8%	48.2	48.4	0.2	0.4%	98.8%	45.2	45.2	0.0	0.1%	98.8%	41.1	41.1	-0.1	-0.2%	98.8%	39.4	39.3	-0.1	-0.3%
100.0%	47.8	47.9	0.0	0.0%	100.0%	44.5	44.9	0.4	0.9%	100.0%	40.3	40.3	0.0	0.0%	100.0%	38.6	38.6	0.0	0.1%
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Table SQ-37-3b
Clear Creek at Igo, Monthly Temperature
Probability of Exceedance

March

February

Percent		rebluary			Percent		March			Percent		Aprii			Percent		May		
Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	46.4	46.4	0.0	0.0%	0.0%	49.8	49.8	0.0	0.0%	0.0%	52.6	52.7	0.1	0.2%	0.0%	56.0	56.0	0.0	0.0%
1.2%	46.2	46.1	-0.1	-0.2%	1.2%	48.7	48.7	0.0	0.0%	1.2%	52.6	52.6	0.0	0.0%	1.2%	55.7	55.7	0.0	0.0%
2.5%	45.8	45.8	0.0	0.0%	2.5%	48.6	48.6	0.0	0.0%	2.5%	52.3	52.3	0.1	0.1%	2.5%	55.6	55.6	0.0	0.0%
3.7%	45.5	45.4	-0.1	-0.1%	3.7%	48.5	48.5	0.0	0.0%	3.7%	52.2	52.0	-0.2	-0.4%	3.7%	55.2	55.2	0.0	-0.1%
4.9%	45.4	45.3	0.0	-0.1%	4.9%	48.5	48.5	0.0	0.0%	4.9%	52.0	52.0	-0.1	-0.1%	4.9%	55.1	55.1	0.0	0.0%
6.2%	45.0 44.8	45.3 45.0	0.3	0.6%	6.2%	48.2 48.2	48.1 48.0	-0.1	-0.3%	6.2%	52.0 51.5	51.9 51.4	-0.1	-0.2% -0.1%	6.2%	54.9 54.9	55.1 54.9	0.1	0.2%
7.4% 8.6%	44.8 44.8	45.0 44.8	0.2	0.4%	7.4% 8.6%	48.2 48.1	48.0 48.0	-0.2 -0.1	-0.3% -0.2%	7.4% 8.6%	51.5 51.5	51.4 51.4	0.0 -0.1	-0.1% -0.2%	7.4% 8.6%	54.9 54.9	54.9 54.8	0.0	0.1%
9.9%	44.8	44.8	0.0	0.0%	9.9%	48.0	47.9	-0.1	-0.2%	9.9%	51.5	51.3	-0.1	-0.2%	9.9%	54.9	54.7	-0.1	-0.3%
11.1%	44.7	44.8	0.1	0.2%	11.1%	47.9	47.9	-0.1	-0.1%	11.1%	51.4	51.3	-0.1	-0.2%	11.1%	54.7	54.7	0.0	-0.1%
12.3%	44.7	44.7	0.0	0.1%	12.3%	47.9	47.8	-0.1	-0.2%	12.3%	51.3	51.3	0.0	-0.1%	12.3%	54.7	54.7	0.0	-0.1%
13.6%	44.6	44.6	0.0	0.0%	13.6%	47.9	47.8	-0.1	-0.2%	13.6%	51.3	51.3	-0.1	-0.1%	13.6%	54.7	54.5	-0.2	-0.4%
14.8%	44.6	44.5	0.0	0.0%	14.8%	47.7	47.7	0.0	-0.1%	14.8%	51.3	51.3	0.0	0.0%	14.8%	54.5	54.5	0.0	-0.1%
16.0%	44.5	44.5	0.1	0.1%	16.0%	47.7	47.4	-0.2	-0.5%	16.0%	51.3	51.2	0.0	-0.1%	16.0%	54.5	54.5	0.0	0.0%
17.3%	44.5	44.5	0.0	0.0%	17.3%	47.4	47.3	-0.2	-0.3%	17.3%	51.2	51.2	0.0	0.0%	17.3%	54.5	54.5	0.0	0.0%
18.5%	44.5	44.4	0.0	-0.1%	18.5%	47.4	47.2	-0.2	-0.4%	18.5%	51.2	51.2	0.0	0.0%	18.5%	54.5	54.5	0.0	0.0%
19.8%	44.4	44.4	0.0	0.0%	19.8%	47.4	47.2	-0.2	-0.4%	19.8%	51.2	51.1	-0.1	-0.1%	19.8%	54.4	54.4	0.0	-0.1%
21.0%	44.4	44.4	0.0	0.0%	21.0%	47.4	47.2	-0.2	-0.4%	21.0%	51.2	51.0	-0.2	-0.3%	21.0%	54.3	54.4	0.0	0.1%
22.2%	44.4	44.4	0.0	0.0%	22.2%	47.3	47.2	-0.1	-0.3%	22.2%	51.0	51.0	0.0	-0.1%	22.2%	54.3	54.3	0.0	0.0%
23.5%	44.3	44.3	0.0	0.0%	23.5%	47.2	47.2	-0.1	-0.1%	23.5%	50.8	50.9	0.1	0.2%	23.5%	54.2	54.2	0.0	0.0%
24.7% 25.9%	44.3 44.3	44.3 44.3	0.0	0.1%	24.7% 25.9%	47.2 47.2	47.1 47.0	-0.1	-0.3%	24.7% 25.9%	50.6	50.8	0.2	0.3%	24.7%	54.1 54.1	54.2 54.1	0.1	0.2%
25.9%	44.3 44.3	44.3	0.0	0.1%	25.9% 27.2%	47.2 47.2	47.0	-0.1 -0.2	-0.3% -0.4%	25.9% 27.2%	50.6 50.6	50.6 50.4	-0.1	-0.3%	25.9% 27.2%	54.1 54.0	54.1 54.0	0.0	0.0%
28.4%	44.3 44.3	44.3 44.3	0.0	0.0%	28.4%	47.2 47.1	47.0 47.0	-0.2	-0.4%	28.4%	50.6	50.4	-0.1	0.0%	28.4%	53.9	53.9	0.0	0.0%
29.6%	44.3	44.3	0.0	0.0%	29.6%	47.1 47.1	47.0	-0.1	-0.2%	29.6%	50.4	50.4	-0.1	-0.1%	29.6%	53.9	53.9	-0.1	-0.1%
30.9%	44.1	44.1	0.0	0.0%	30.9%	47.0	46.9	-0.1	-0.3%	30.9%	50.4	50.3	-0.1	-0.1%	30.9%	53.7	53.6	-0.1	-0.2%
32.1%	44.1	44.1	0.0	0.0%	32.1%	47.0	46.9	-0.1	-0.3%	32.1%	50.4	50.2	-0.1	-0.4%	32.1%	53.6	53.5	0.0	-0.1%
33.3%	44.0	44.1	0.0	0.0%	33.3%	46.9	46.8	-0.1	-0.1%	33.3%	50.3	50.0	-0.3	-0.6%	33.3%	53.5	53.5	0.0	-0.1%
34.6%	44.0	44.0	0.0	0.0%	34.6%	46.9	46.8	0.0	-0.1%	34.6%	50.2	50.0	-0.2	-0.3%	34.6%	53.5	53.5	0.0	0.0%
35.8%	44.0	44.0	0.0	0.0%	35.8%	46.8	46.8	0.0	-0.1%	35.8%	50.0	50.0	0.0	0.0%	35.8%	53.4	53.5	0.0	0.1%
37.0%	43.9	43.9	0.0	0.0%	37.0%	46.8	46.8	0.0	-0.1%	37.0%	50.0	50.0	0.0	-0.1%	37.0%	53.4	53.4	0.0	0.0%
38.3%	43.9	43.9	0.0	0.0%	38.3%	46.8	46.7	-0.1	-0.2%	38.3%	50.0	50.0	0.0	0.0%	38.3%	53.4	53.4	0.0	0.0%
39.5%	43.9	43.9	0.0	0.0%	39.5%	46.8	46.7	-0.1	-0.1%	39.5%	50.0	49.9	-0.1	-0.1%	39.5%	53.4	53.3	-0.1	-0.2%
40.7%	43.7	43.8	0.1	0.2%	40.7%	46.8	46.7	-0.1	-0.2%	40.7%	50.0	49.9	-0.1	-0.2%	40.7%	53.3	53.3	0.0	-0.1%
42.0%	43.7	43.7 43.7	0.0	0.1%	42.0%	46.7 46.7	46.7 46.7	-0.1 0.0	-0.1%	42.0%	49.9	49.8 49.8	-0.1	-0.1%	42.0%	53.3 53.3	53.2	0.0	-0.1%
43.2% 44.4%	43.6 43.5	43.7	0.1	0.3%	43.2% 44.4%	46.7	46.7	0.0	0.0%	43.2% 44.4%	49.9 49.9	49.7	-0.1 -0.2	-0.2% -0.4%	43.2% 44.4%	53.2	53.2 53.2	-0.1 0.0	-0.2% 0.0%
45.7%	43.5	43.6	0.1	0.3%	44.4%	46.7	46.6	0.0	0.0%	45.7%	49.8	49.7	-0.2	-0.4%	45.7%	53.2	53.2	0.0	0.0%
46.9%	43.4	43.6	0.1	0.2%	46.9%	46.7	46.3	-0.4	-0.8%	46.9%	49.7	49.6	-0.1	-0.2%	46.9%	53.1	52.8	-0.3	-0.6%
48.1%	43.4	43.5	0.1	0.3%	48.1%	46.3	46.3	0.0	0.0%	48.1%	49.6	49.5	-0.1	-0.2%	48.1%	53.1	52.8	-0.3	-0.6%
49.4%	43.4	43.5	0.1	0.2%	49.4%	46.3	46.2	0.0	0.0%	49.4%	49.5	49.5	0.0	-0.1%	49.4%	52.8	52.8	0.0	0.0%
50.6%	43.4	43.4	0.0	0.0%	50.6%	46.2	46.2	0.0	0.0%	50.6%	49.5	49.3	-0.2	-0.3%	50.6%	52.8	52.8	0.0	0.0%
51.9%	43.3	43.4	0.1	0.2%	51.9%	46.2	46.2	0.0	0.0%	51.9%	49.4	49.3	-0.1	-0.2%	51.9%	52.7	52.6	-0.1	-0.2%
53.1%	43.3	43.4	0.1	0.3%	53.1%	46.0	46.0	0.0	0.0%	53.1%	49.3	49.3	-0.1	-0.2%	53.1%	52.7	52.6	-0.1	-0.1%
54.3%	43.3	43.4	0.1	0.3%	54.3%	46.0	46.0	0.0	0.0%	54.3%	49.3	49.3	-0.1	-0.1%	54.3%	52.7	52.6	-0.1	-0.1%
55.6%	43.3	43.4	0.1	0.2%	55.6%	46.0	46.0	0.0	0.0%	55.6%	49.3	49.2	-0.1	-0.2%	55.6%	52.5	52.6	0.0	0.1%
56.8%	43.2	43.3	0.1	0.2%	56.8%	46.0	46.0	0.0	0.0%	56.8%	49.2	49.1	-0.1	-0.2%	56.8%	52.5	52.5	0.0	0.0%
58.0%	43.2	43.3	0.1	0.3%	58.0%	45.9	45.8	-0.2	-0.3%	58.0%	49.1	49.1	0.0	-0.1%	58.0%	52.5	52.5	0.0	0.0%
59.3%	43.2	43.3	0.1	0.2%	59.3%	45.9	45.7	-0.1	-0.2%	59.3%	49.1	49.1	0.0	-0.1%	59.3%	52.4	52.5	0.0	0.0%
60.5% 61.7%	43.1 43.1	43.2 43.2	0.1	0.2% 0.1%	60.5% 61.7%	45.7 45.7	45.7 45.7	0.0	0.0% -0.1%	60.5% 61.7%	49.1 48.9	48.8 48.8	-0.2 -0.1	-0.5% -0.2%	60.5% 61.7%	52.3 52.3	52.4 52.3	0.1 0.0	0.2%
63.0%	43.1	43.2	0.0	0.1%	63.0%	45.6	45.6	0.0	0.0%	63.0%	48.8	48.8	-0.1	-0.2%	63.0%	52.2	52.3	0.0	0.0%
64.2%	43.1	43.1	0.0	0.1%	64.2%	45.6	45.6	0.0	0.0%	64.2%	48.8	48.7	-0.1	-0.3%	64.2%	52.2	52.2	0.2	0.3%
65.4%	43.1	43.1	0.0	0.1%	65.4%	45.6	45.6	0.0	0.0%	65.4%	48.8	48.7	-0.1	-0.2%	65.4%	52.0	52.2	0.2	0.4%
66.7%	43.0	43.1	0.1	0.3%	66.7%	45.6	45.6	0.0	0.0%	66.7%	48.7	48.6	0.0	-0.1%	66.7%	51.9	52.1	0.1	0.2%
67.9%	42.9	43.0	0.0	0.1%	67.9%	45.5	45.5	0.0	0.0%	67.9%	48.7	48.6	-0.1	-0.2%	67.9%	51.9	52.0	0.0	0.1%
69.1%	42.9	42.9	0.1	0.2%	69.1%	45.5	45.5	0.0	0.0%	69.1%	48.6	48.5	-0.1	-0.2%	69.1%	51.9	52.0	0.1	0.1%
70.4%	42.8	42.9	0.1	0.1%	70.4%	45.5	45.5	0.0	0.0%	70.4%	48.6	48.5	-0.1	-0.2%	70.4%	51.8	51.9	0.2	0.3%
71.6%	42.8	42.8	0.0	0.1%	71.6%	45.5	45.5	0.0	0.0%	71.6%	48.6	48.5	-0.1	-0.2%	71.6%	51.8	51.7	-0.1	-0.2%
72.8%	42.7	42.8	0.0	0.1%	72.8%	45.3	45.2	0.0	0.0%	72.8%	48.6	48.5	-0.1	-0.2%	72.8%	51.7	51.6	-0.1	-0.2%
74.1%	42.7	42.7 42.7	0.0	0.1%	74.1%	45.2 45.2	45.2 45.2	0.0	-0.1%	74.1%	48.5 48.5	48.5 48.3	-0.1	-0.2%	74.1%	51.6	51.6 51.6	0.0	0.0%
75.3% 76.5%	42.7 42.7	42.7 42.7	0.0	0.0%	75.3% 76.5%	45.2 45.1	45.2 45.1	0.0	-0.1%	75.3% 76.5%	48.5 48.5	48.3 48.3	-0.2 -0.2	-0.4% -0.4%	75.3% 76.5%	51.5 51.3	51.6 51.5	0.1 0.1	0.3%
77.8%	42.7	42.7	0.0	0.0%	77.8%	45.1	45.1	0.0	0.0%	77.8%	48.4	48.3	-0.2	-0.4%	77.8%	51.3	51.3	0.0	-0.1%
79.0%	42.6	42.6	0.0	0.0%	79.0%	45.1	45.1	0.0	0.1%	79.0%	48.3	48.2	-0.1	-0.3%	79.0%	51.2	51.3	0.0	0.3%
80.2%	42.6	42.6	0.0	0.0%	80.2%	45.1	45.1	0.0	0.1%	80.2%	48.3	48.1	-0.2	-0.3%	80.2%	51.1	51.2	0.0	0.0%
81.5%	42.6	42.6	0.0	0.0%	81.5%	45.1	45.1	0.0	0.0%	81.5%	48.2	47.9	-0.2	-0.6%	81.5%	50.7	51.1	0.4	0.8%
82.7%	42.4	42.4	0.0	0.0%	82.7%	45.1	45.1	0.0	0.0%	82.7%	48.0	47.8	-0.2	-0.5%	82.7%	50.7	50.8	0.1	0.1%
84.0%	42.4	42.4	0.0	0.0%	84.0%	44.9	44.9	0.0	0.0%	84.0%	47.9	47.8	-0.1	-0.3%	84.0%	50.4	50.5	0.1	0.2%
85.2%	42.3	42.3	0.0	0.0%	85.2%	44.9	44.9	0.0	-0.1%	85.2%	47.8	47.8	-0.1	-0.1%	85.2%	50.4	50.4	0.0	0.0%
86.4%	42.3	42.3	0.0	0.0%	86.4%	44.9	44.9	0.0	0.0%	86.4%	47.8	47.6	-0.2	-0.5%	86.4%	50.3	50.3	0.0	0.1%
87.7%	42.3	42.2	-0.1	-0.2%	87.7%	44.7	44.6	-0.1	-0.1%	87.7%	47.3	47.3	0.0	0.0%	87.7%	50.2	50.2	0.0	0.0%
88.9%	42.2	42.2	0.0	0.0%	88.9%	44.6	44.6	0.0	0.0%	88.9%	47.3	47.3	0.0	-0.1%	88.9%	50.2	50.2	0.0	0.0%
90.1%	42.1	42.1	0.0	0.0%	90.1%	44.6	44.6	0.0	0.0%	90.1%	47.2	47.2	0.0	0.0%	90.1%	50.0	50.1	0.1	0.2%
91.4% 92.6%	42.1 42.0	42.1 42.1	0.0 0.1	0.0%	91.4% 92.6%	44.5 44.5	44.6 44.5	0.0	0.1% 0.0%	91.4% 92.6%	47.2 47.1	47.1 47.1	0.0	0.0%	91.4% 92.6%	49.9 49.6	49.9 49.7	0.0	0.0%
							44.5 44.5					47.1 47.0				49.6 49.5		0.2	0.4%
93.8% 95.1%	41.8 41.7	41.8 41.7	0.0	0.0%	93.8% 95.1%	44.5 44.3	44.5 44.3	0.0	0.0%	93.8% 95.1%	47.0 46.8	47.0 46.8	0.0	0.0%	93.8% 95.1%	49.5 49.0	49.6 49.1	0.1	0.2%
96.3%	41.7	41.7	0.0	0.0%	96.3%	44.3	44.3	0.0	0.1%	96.3%	45.9	46.0	0.0	0.0%	96.3%	49.0	49.1	0.0	0.1%
97.5%	41.4	41.4	0.0	0.0%	97.5%	44.2	44.2	0.0	0.0%	97.5%	45.9	45.9	0.0	0.1%	97.5%	47.6	47.6	0.0	0.1%
98.8%	41.2	41.3	0.1	0.3%	98.8%	44.2	44.2	0.0	0.1%	98.8%	45.7	45.7	0.0	0.0%	98.8%	47.5	47.5	0.0	0.1%
100.0%	41.2	41.2	0.0	0.1%	100.0%	44.0	44.0	0.0	-0.1%	100.0%	44.9	45.0	0.0	0.1%	100.0%	47.3	47.3	0.0	0.0%

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

August

September

Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)	Dilitaration (70)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (10)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (70)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Dilitarchice (10)
0.0%	59.8	59.8	0.0	-0.1%	0.0%	73.8	73.2	-0.6	-0.8%	0.0%	65.0	65.0	0.0	0.0%	0.0%	64.2	60.9	-3.3	-5.2%
1.2%	59.8	59.7	-0.1	-0.2%	1.2%	64.9	63.9	-1.0	-1.6%	1.2%	62.4	61.2	-1.2	-1.9%	1.2%	61.7	59.8	-2.0	-3.2%
	59.7	59.7		0.0%		64.2	63.0				62.1	60.9	-1.2		2.5%	60.0	59.4		
2.5%			0.0		2.5%			-1.2	-1.9%	2.5%				-2.0%				-0.6	-1.0%
3.7%	59.7	59.5	-0.1	-0.2%	3.7%	63.7	62.8	-0.9	-1.4%	3.7%	62.0	60.6	-1.4	-2.3%	3.7%	59.6	58.2	-1.4	-2.3%
4.9%	59.6	59.3	-0.3	-0.6%	4.9%	63.0	62.3	-0.7	-1.1%	4.9%	61.0	60.5	-0.6	-0.9%	4.9%	59.1	57.8	-1.3	-2.2%
6.2%	59.2	59.1	0.0	-0.1%	6.2%	61.9	61.5	-0.5	-0.8%	6.2%	60.8	60.2	-0.6	-1.0%	6.2%	58.6	57.8	-0.8	-1.4%
7.4%	59.1	59.1	0.0	0.0%	7.4%	61.9	61.1	-0.8	-1.3%	7.4%	60.6	59.9	-0.7	-1.2%	7.4%	58.3	57.8	-0.5	-0.9%
8.6%	59.0	59.0	0.0	0.1%	8.6%	61.6	61.0	-0.6	-1.0%	8.6%	59.5	59.6	0.1	0.1%	8.6%	58.1	57.6	-0.6	-1.0%
9.9%	58.9	59.0	0.0	0.1%	9.9%	61.3	61.0	-0.4	-0.6%	9.9%	59.4	59.3	-0.1	-0.2%	9.9%	57.9	57.0	-0.9	-1.6%
11.1%	58.7	58.9	0.2	0.3%	11.1%	61.3	60.8	-0.5	-0.9%	11.1%	59.4	59.2	-0.2	-0.4%	11.1%	57.7	56.8	-0.8	-1.5%
12.3%	58.5	58.5	0.0	0.0%	12.3%	61.0	60.5	-0.5	-0.8%	12.3%	59.2	59.2	-0.1	-0.1%	12.3%	57.7	56.3	-1.4	-2.4%
13.6%	58.4	58.3	-0.1	-0.2%	13.6%	60.3	60.3	0.0	0.1%	13.6%	59.1	59.2	0.0	0.1%	13.6%	56.7	56.2	-0.5	-0.8%
14.8%	58.2	58.1	-0.1	-0.2%	14.8%	60.3	60.2	0.0	-0.1%	14.8%	59.0	59.1	0.1	0.1%	14.8%	56.5	56.0	-0.5	-0.9%
16.0%	58.1	57.9	-0.2	-0.3%	16.0%	60.2	60.0	-0.2	-0.3%	16.0%	58.9	58.9	0.0	-0.1%	16.0%	56.1	55.7	-0.5	-0.9%
17.3%	57.7	57.8	0.1	0.1%	17.3%	59.8	59.8	0.0	0.0%	17.3%	58.9	58.9	0.0	0.0%	17.3%	55.8	55.5	-0.3	-0.6%
18.5%	57.7	57.7	0.0	0.0%	18.5%	59.7	59.6	-0.1	-0.2%	18.5%	58.8	58.9	0.0	0.1%	18.5%	55.5	55.1	-0.4	-0.7%
19.8%	57.7	57.7	0.0	0.0%	19.8%	59.6	59.6	0.0	0.0%	19.8%	58.8	58.5	-0.3	-0.6%	19.8%	55.3	55.0	-0.4	-0.5%
	57.7 57.5	57.7 57.6		0.3%		59.6	59.5	0.0			58.4	58.4	0.0	0.0%	21.0%	54.9	54.8	-0.3	-0.5%
21.0%			0.1		21.0%				0.0%	21.0%								-0.1	-0.2%
22.2%	57.4	57.5	0.1	0.2%	22.2%	59.5	59.4	0.0	-0.1%	22.2%	58.4	58.4	0.0	0.1%	22.2%	54.8	54.6	-0.2	-0.3%
23.5%	57.0	57.3	0.3	0.6%	23.5%	59.4	59.4	0.0	-0.1%	23.5%	58.3	58.3	0.0	0.0%	23.5%	54.8	54.6	-0.2	-0.3%
24.7%	56.9	57.2	0.3	0.6%	24.7%	59.4	59.4	0.0	0.0%	24.7%	58.2	58.3	0.1	0.2%	24.7%	54.7	54.5	-0.2	-0.4%
25.9%	56.9	57.0	0.1	0.2%	25.9%	59.2	59.4	0.1	0.2%	25.9%	58.0	58.3	0.3	0.5%	25.9%	54.6	54.3	-0.3	-0.5%
27.2%	56.8	56.9	0.1	0.2%	27.2%	59.2	59.3	0.1	0.2%	27.2%	58.0	58.2	0.2	0.4%	27.2%	54.6	54.3	-0.3	-0.5%
28.4%	56.6	56.7	0.1	0.2%	28.4%	59.1	59.3	0.2	0.3%	28.4%	57.9	58.1	0.1	0.2%	28.4%	54.4	54.1	-0.3	-0.6%
29.6%	56.6	56.6	0.0	0.0%	29.6%	59.1	59.2	0.1	0.2%	29.6%	57.9	57.9	0.1	0.1%	29.6%	54.3	54.1	-0.2	-0.4%
30.9%	56.6	56.6	0.1	0.1%	30.9%	59.1	59.1	0.0	0.1%	30.9%	57.9	57.9	0.0	0.1%	30.9%	54.0	53.9	-0.1	-0.2%
32.1%	56.1	56.6	0.4	0.8%	32.1%	59.0	59.1	0.1	0.2%	32.1%	57.7	57.7	0.0	0.0%	32.1%	53.9	53.9	0.0	-0.1%
33.3%	56.1	56.1	0.0	0.1%	33.3%	59.0	59.0	0.1	0.1%	33.3%	57.5	57.6	0.1	0.2%	33.3%	53.9	53.8	-0.2	-0.3%
34.6%	55.9	56.0	0.1	0.1%	34.6%	58.8	59.0	0.1	0.4%	34.6%	57.4	57.5	0.0	0.0%	34.6%	53.6	53.7	0.0	0.1%
35.8%	55.7	55.9	0.2	0.3%	35.8%	58.7	59.0	0.2	0.4%	35.8%	57.4	57.3	-0.1	-0.1%	35.8%	53.6	53.6	0.0	0.0%
37.0%	55.7	55.7	0.0	0.0%	37.0%	58.7	58.9	0.2	0.3%	37.0%	57.4	57.2	-0.1	-0.3%	37.0%	53.6	53.6	0.0	0.1%
38.3%	55.6	55.7	0.0	0.0%	38.3%	58.6	58.8	0.2	0.3%	38.3%	57.2	57.2	0.0	0.0%	38.3%	53.5	53.5	0.0	0.0%
39.5%	55.6	55.6	0.0	-0.1%	39.5%	58.5	58.8	0.3	0.5%	39.5%	57.2	57.2	0.0	0.0%	39.5%	53.5	53.5	0.0	0.1%
40.7%	55.6	55.5	0.0	-0.1%	40.7%	58.4	58.7	0.2	0.4%	40.7%	57.1	57.1	0.0	0.0%	40.7%	53.3	53.2	-0.1	-0.2%
42.0%	55.5	55.5	0.1	0.1%	42.0%	58.4	58.5	0.1	0.1%	42.0%	57.1	57.1	-0.1	-0.1%	42.0%	53.3	53.2	-0.1	-0.2%
43.2%	55.4	55.5	0.1	0.1%	43.2%	58.4	58.5	0.1	0.1%	43.2%	57.1	57.0	-0.1	-0.1%	43.2%	53.3	53.1	-0.2	-0.3%
44.4%	55.4	55.4	0.1	0.1%	44.4%	58.4	58.5	0.1	0.2%	44.4%	57.1	56.9	-0.2	-0.3%	44.4%	53.2	53.0	-0.2	-0.4%
45.7%	55.3	55.4	0.2	0.3%	45.7%	58.3	58.5	0.2	0.3%	45.7%	57.0	56.7	-0.3	-0.5%	45.7%	53.2	53.0	-0.2	-0.4%
46.9%	55.2	55.4	0.1	0.3%	46.9%	58.2	58.4	0.3	0.4%	46.9%	56.7	56.7	0.0	-0.1%	46.9%	53.2	53.0	-0.2	-0.4%
48.1%	55.2	55.3	0.1	0.2%	48.1%	58.2	58.4	0.2	0.4%	48.1%	56.6	56.6	0.0	0.0%	48.1%	53.0	53.0	0.0	0.0%
49.4%	55.1	55.2	0.1	0.2%	49.4%	58.1	58.3	0.2	0.4%	49.4%	56.6	56.5	-0.1	-0.2%	49.4%	53.0	53.0	0.0	-0.1%
50.6%	55.1	55.2	0.1	0.2%	50.6%	58.1	58.1	0.0	0.0%	50.6%	56.6	56.5	-0.1	-0.1%	50.6%	53.0	52.9	-0.1	-0.1%
51.9%	55.1	55.1	0.0	0.1%	51.9%	58.0	58.1	0.1	0.1%	51.9%	56.5	56.5	0.0	-0.1%	51.9%	52.8	52.9	0.1	0.2%
53.1%	54.9	55.1	0.2	0.3%	53.1%	57.9	58.1	0.1	0.2%	53.1%	56.4	56.4	0.0	0.1%	53.1%	52.8	52.8	0.0	0.0%
54.3%	54.8	54.8	0.0	-0.1%	54.3%	57.8	58.0	0.1	0.5%	54.3%	56.4	56.4	0.0	0.1%	54.3%	52.8	52.7	-0.1	-0.2%
					55.6%														
55.6%	54.8	54.8 54.7	0.0	0.0%		57.7	58.0	0.2	0.4%	55.6%	56.4	56.4	0.0	0.0%	55.6%	52.7	52.7	0.0	-0.1%
56.8%	54.8		-0.1	-0.2%	56.8%	57.4	57.8	0.4	0.6%	56.8%	56.3	56.3	0.0	0.1%	56.8%	52.7	52.7	0.0	-0.1%
58.0%	54.7	54.7	0.0	-0.1%	58.0%	57.4	57.7	0.4	0.7%	58.0%	56.3	56.3	0.0	0.1%	58.0%	52.7	52.7	0.0	-0.1%
59.3%	54.6	54.4	-0.2	-0.3%	59.3%	57.2	57.4	0.1	0.2%	59.3%	56.2	56.3	0.1	0.2%	59.3%	52.7	52.6	-0.1	-0.1%
60.5%	54.6	54.4	-0.2	-0.4%	60.5%	57.2	57.3	0.1	0.2%	60.5%	56.2	56.3	0.1	0.2%	60.5%	52.7	52.6	-0.1	-0.1%
61.7%	54.2	54.2	0.0	0.1%	61.7%	57.2	57.2	0.0	-0.1%	61.7%	56.2	56.3	0.1	0.2%	61.7%	52.6	52.6	0.0	-0.1%
63.0%	54.2	54.2	0.0	0.0%	63.0%	57.2	57.1	0.0	-0.1%	63.0%	56.1	56.3	0.2	0.3%	63.0%	52.6	52.5	0.0	-0.1%
64.2%	54.2	54.2	0.0	0.0%	64.2%	57.0	57.1	0.1	0.2%	64.2%	56.1	56.2	0.2	0.3%	64.2%	52.5	52.5	0.0	0.0%
65.4%	54.2	54.2	0.0	0.0%	65.4%	56.9	57.0	0.2	0.3%	65.4%	56.0	56.2	0.1	0.2%	65.4%	52.5	52.5	0.0	-0.1%
66.7%	54.0	54.2	0.1	0.3%	66.7%	56.8	56.9	0.0	0.1%	66.7%	56.0	56.0	0.0	0.0%	66.7%	52.5	52.5	0.0	-0.1%
67.9%	54.0	54.1	0.1	0.2%	67.9%	56.8	56.8	0.0	0.0%	67.9%	56.0	56.0	0.0	0.0%	67.9%	52.4	52.4	0.0	0.1%
69.1%	53.9	54.0	0.1	0.2%	69.1%	56.8	56.8	0.0	0.0%	69.1%	56.0	56.0	0.0	0.0%	69.1%	52.4	52.4	0.0	0.1%
70.4%	53.8	53.9	0.1	0.2%	70.4%	56.7	56.7	0.0	0.0%	70.4%	55.9	55.9	0.0	0.0%	70.4%	52.3	52.4	0.1	0.2%
71.6%	53.8	53.9	0.1	0.2%	71.6%	56.7	56.7	0.0	0.0%	71.6%	55.9	55.9	0.0	0.1%	71.6%	52.3	52.4	0.1	0.2%
71.6%	53.6	53.8	0.1	0.2%	71.8%	56.7	56.7	0.0	-0.1%	71.6%	55.7	55.9	0.0	0.4%	71.6%	52.3	52.4	0.1	0.1%
74.1%		53.8		0.3%	74.1%	56.7	56.7	0.0				55.8		0.4%		52.2	52.3		
	53.4		0.4						0.0%	74.1%	55.7		0.2		74.1%			0.0	0.0%
75.3%	53.4	53.6	0.3	0.5%	75.3%	56.6	56.5	-0.1	-0.1%	75.3%	55.6	55.8	0.2	0.3%	75.3%	52.2	52.2	0.1	0.1%
76.5%	53.3	53.3	0.0	0.1%	76.5%	56.6	56.5	-0.1	-0.2%	76.5%	55.5	55.8	0.2	0.4%	76.5%	52.1	52.2	0.0	0.0%
77.8%	53.3	53.3	0.0	0.0%	77.8%	56.5	56.5	0.0	0.0%	77.8%	55.2	55.6	0.4	0.8%	77.8%	52.1	52.1	0.0	0.0%
79.0%	53.1	52.7	-0.4	-0.7%	79.0%	56.4	56.4	0.0	0.0%	79.0%	55.1	55.6	0.5	0.8%	79.0%	52.0	52.1	0.1	0.2%
80.2%	53.0	52.6	-0.5	-0.9%	80.2%	56.3	56.3	0.0	0.0%	80.2%	55.0	55.5	0.5	0.9%	80.2%	52.0	52.1	0.1	0.1%
81.5%	52.8	52.5	-0.3	-0.6%	81.5%	56.3	56.2	-0.1	-0.1%	81.5%	54.9	55.5	0.5	0.9%	81.5%	52.0	52.0	0.1	0.1%
82.7%	52.8	52.5	-0.3	-0.7%	82.7%	56.1	56.2	0.0	0.1%	82.7%	54.9	55.3	0.3	0.6%	82.7%	51.9	52.0	0.1	0.2%
84.0%	52.6	52.4	-0.2	-0.4%	84.0%	56.1	56.1	0.0	0.0%	84.0%	54.9	55.2	0.3	0.6%	84.0%	51.9	52.0	0.1	0.2%
85.2%	52.4	52.4	0.0	-0.1%	85.2%	56.1	56.0	-0.1	-0.2%	85.2%	54.9	55.1	0.2	0.4%	85.2%	51.9	51.9	0.1	0.1%
86.4%	52.4	52.3	-0.1	-0.2%	86.4%	56.0	56.0	0.0	-0.1%	86.4%	54.8	55.0	0.3	0.5%	86.4%	51.9	51.9	0.1	0.1%
87.7%	52.2	52.2	0.0	0.0%	87.7%	55.6	55.9	0.3	0.5%	87.7%	54.7	55.0	0.3	0.4%	87.7%	51.7	51.9	0.1	0.4%
	52.2	52.2	0.0	0.1%	88.9%	55.6	55.6	0.0		88.9%	54.7	55.0	0.2	0.4%		51.6	51.9	0.2	0.470
88.9%									0.0%						88.9%			0.3	0.6%
90.1%	52.0	52.1	0.1	0.2%	90.1%	55.4	55.6	0.1	0.3%	90.1%	54.6	55.0	0.3	0.6%	90.1%	51.6	51.8	0.3	0.5%
91.4%	51.7	52.0	0.2	0.5%	91.4%	55.1	55.2	0.1	0.1%	91.4%	54.6	54.9	0.3	0.6%	91.4%	51.6	51.6	0.1	0.1%
92.6%	51.6	51.7	0.1	0.2%	92.6%	55.1	55.2	0.1	0.1%	92.6%	54.5	54.7	0.2	0.4%	92.6%	51.4	51.4	0.0	0.0%
93.8%	51.4	51.4	0.0	0.1%	93.8%	54.9	54.9	0.0	0.0%	93.8%	54.5	54.6	0.1	0.2%	93.8%	51.4	51.3	-0.1	-0.1%
95.1%	51.0	51.1	0.0	0.0%	95.1%	54.9	54.8	-0.1	-0.1%	95.1%	54.5	54.5	0.1	0.1%	95.1%	51.1	51.1	0.0	0.0%
96.3%	51.0	51.0	0.0	0.0%	96.3%	54.4	54.3	-0.1	-0.2%	96.3%	54.3	54.3	0.0	-0.1%	96.3%	50.9	51.0	0.1	0.2%
97.5%	51.0	51.0	0.0	0.0%	97.5%	53.9	53.9	0.0	0.0%	97.5%	54.3	54.2	0.0	-0.1%	97.5%	50.9	50.9	0.0	0.0%
98.8%	49.2	49.2	0.0	0.0%	98.8%	53.7	53.3	-0.4	-0.8%	98.8%	53.5	53.7	0.2	0.3%	98.8%	50.7	50.8	0.1	0.1%
100.0%	48.8	48.8	0.0	0.0%	100.0%	52.5	52.5	0.0	0.1%	100.0%	53.3	53.4	0.1	0.2%	100.0%	50.6	50.5	-0.1	-0.2%
100.070	10.0	10.0	0.0	0.070	100.070	OL.O	UL.U	0.0	0.170	100.070	00.0	00.1	V. 1	0.270	100.070	00.0	00.0	V. I	U.L./U

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

		9		,		thly Temp	erature (DE	FG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Mav	Jun	Jul	Aua	Sep
raidiyələ i dilod	001	1101	500		ng-term	mu	740	may	5411	541	rug	ООР
Full Simulation Period ¹					.,							
No Action Alternative	53.5	49.1	43.9	42.6	44.3	47.5	51.3	54.8	59.1	65.6	63.4	57.1
Alternative A	53.3	49.0	43.9	42.6	44.3	47.5	51.2	54.8	59.1	65.5	63.4	57.0
Difference	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	-0.2
Percent Difference ³	-0.4%	-0.1%	0.0%	0.0%	0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.1%	-0.3%
				Water Y	ear Types	2						
Vet (32%)												
No Action Alternative	51.5	48.0	43.3	42.2	44.1	46.8	49.9	54.2	58.0	65.4	63.7	56.1
Alternative A	51.6	48.1	43.3	42.1	44.1	46.7	49.8	54.2	58.0	65.4	63.7	56.2
Difference	0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.1
Percent Difference	0.2%	0.1%	0.0%	-0.1%	0.0%	-0.1%	-0.2%	0.0%	0.0%	0.0%	-0.1%	0.1%
Above Normal (15%)												
No Action Alternative	52.7	48.6	44.0	42.9	44.3	47.3	50.8	55.4	60.3	67.9	64.0	56.7
Alternative A	52.7	48.6	44.0	42.9	44.3	47.3	50.8	55.4	60.2	67.6	63.9	56.6
Difference	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.3	-0.1	-0.1
Percent Difference	-0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.4%	-0.1%	-0.2%
Below Normal (17%)												
No Action Alternative	54.0	49.3	43.9	42.5	43.8	47.3	51.4	55.4	58.6	65.6	63.5	57.2
Alternative A	53.7	49.3	43.9	42.5	43.8	47.3	51.4	55.4	58.6	65.6	63.5	57.2
Difference	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Percent Difference	-0.5%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.1%	0.0%
Dry (22%)			,	,		,		,	,	,		
No Action Alternative	53.5	49.7	44.2	42.6	44.2	47.9	52.6	54.8	59.1	64.9	62.4	56.8
Alternative A	53.4	49.6	44.2	42.7	44.3	47.9	52.4	54.8	59.2	64.9	62.6	56.8
Difference	-0.1	-0.1	0.0	0.0	0.1	-0.1	-0.2	0.0	0.1	0.1	0.2	0.0
Percent Difference	-0.3%	-0.2%	-0.1%	0.1%	0.2%	-0.1%	-0.4%	0.1%	0.2%	0.1%	0.3%	0.0%
Critical (15%)												
No Action Alternative	58.2	50.5	44.6	43.1	45.4	48.9	52.7	55.0	61.0	64.5	63.4	60.3
Alternative A	57.2	50.3	44.5	43.1	45.4	48.8	52.8	55.1	60.9	64.7	63.6	59.3
Difference	-1.0	-0.2	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	0.1	0.2	-1.1
Percent Difference	-1.8%	-0.5%	0.0%	0.1%	0.1%	-0.1%	0.2%	0.2%	-0.1%	0.2%	0.3%	-1.79

1 Based on the 82-year simulation period

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

3 Relative difference of the monthly average



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

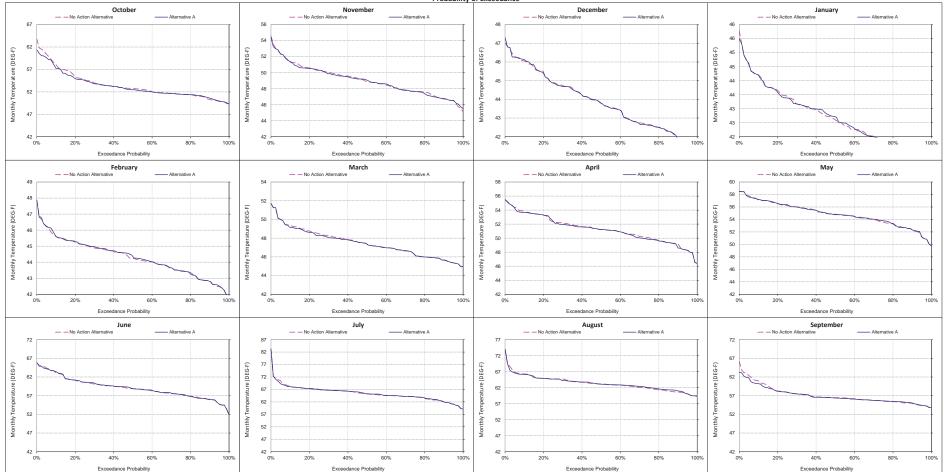


Table SQ-38-3b
Clear Creek at Mouth, Monthly Temperature
Probability of Exceedance

December

January

November

October

	Percent					Percent					Percent					Percent				
		No Action Alternative	Alternative A	Absolute	Relative		No Action Alternative	Alternative A	Absolute	Relative		No Action Alternative	Alternative A	Absolute	Relative		No Action Alternative	Alternative A	Absolute	Relative
No. Inches No. No. No. No. No. No. N	Probability	Monthly Temperature	Monthly Temperature		Difference (%)	Probability	Monthly Temperature	Monthly Temperature		Difference (%)	Probability	Monthly Temperature	Monthly Temperature		Difference (%)	Probability	Monthly Temperature	Monthly Temperature		Difference (%)
14				(DEG-F)		(%)					(%)			(DEG-F)					(DEG-F)	
250		63.8	61.4	-2.4	-3.8%	0.0%			-0.2		0.0%		47.3	0.3			45.8		-0.3	-0.6%
1	1.2%	61.8	60.6	-1.2	-2.0%	1.2%	53.6	53.2	-0.3	-0.6%	1.2%	46.8	46.8	0.0	0.0%	1.2%	45.3	45.3	0.0	0.0%
Apr. Col.																				
March Marc					-1.8%															0.0%
Tell																				
April																				
Bell	7.4%										7.4%									
11 12 13 13 13 13 13 13	8.6%									0.3%										
1.00																				
100.																				
March Marc				0.0																
Sect	13.6%	57.0	56.2	-0.9	-1.5%	13.6%	51.2	50.8	-0.4	-0.8%	13.6%	45.9	45.9	0.0	-0.1%	13.6%	43.8	43.8	0.0	0.0%
17.5				-0.8	-1.4%		50.9		-0.3					0.1	0.3%		43.8		0.0	0.0%
186.	16.0%	56.8	55.7	-1.0	-1.8%	16.0%	50.8	50.6	-0.1	-0.3%	16.0%	45.6	45.6	0.1	0.2%	16.0%	43.8	43.8	0.0	0.0%
150 150	17.3%	56.6	55.7	-0.9	-1.6%	17.3%	50.7	50.6	-0.1	-0.2%	17.3%	45.5	45.5	0.0	0.0%	17.3%	43.7	43.7	0.0	0.0%
21	18.5%			-0.6	-1.1%		50.6	50.6	-0.1	-0.2%	18.5%		45.5	0.0	-0.1%				0.0	0.0%
22.00 50.00 54.4	19.8%	55.5	55.0	-0.5	-0.8%	19.8%	50.6	50.5			19.8%	45.5	45.4			19.8%	43.7	43.6	-0.1	
250. 542 547 548	21.0%	55.1	54.8	-0.3	-0.6%	21.0%	50.6	50.5	-0.1	-0.1%	21.0%	45.2	45.2	0.0	0.0%	21.0%	43.6	43.5	-0.1	-0.2%
A-T	22.2%	55.0	54.8	-0.3	-0.5%	22.2%	50.4	50.5	0.0	0.0%	22.2%	45.1	45.1	0.0	0.0%	22.2%	43.5	43.4	-0.1	-0.1%
A-T																	43.5			
200.			54.6			24.7%		50.3		-0.1%	24.7%	44.9	44.9	0.0	-0.1%	24.7%	43.5		-0.1	
27.00						25.9%	50.3	50.3		-0.1%	25.9%	44.9	44.8	0.0	-0.1%	25.9%		43.4	0.0	
24.6 54.1 54.1 54.1 54.5 54.6 54.1 55.0 55.1 55.0 55.1 55.0 55.1 55.0 55.1 55.0 55.1 55.0 55.1 55.0		54.5	54.3					50.2	0.0				44.8				43.4	43.3		
2000 24 24 25 25 25 25 25 25				-0.3		28.4%					28.4%					28.4%			-0.1	
100 100																				
20 15 23 23 23 20 20 20 70 20 20 20 20		53.9	53.8		-0.2%		50.0	49.9	-0.1			44.7	44.7				43.1			
93.75 93.5 9			53.8									44.7								
3400 235 235 237 232 233 24 233 24 234 245 245 245 245 245 245 245 245 245 24	33.3%	53.7		-0.1	-0.2%	33.3%	49.9	49.7	-0.2	-0.3%			44.7	0.0	0.0%	33.3%	43.1	43.1	0.0	0.0%
1986 20.5 23.6 23.6 23.6 23.6 23.6 23.7 23.6 23.7	34.6%			0.0		34.6%				-0.4%	34.6%					34.6%			0.0	
370h 334 333 322 00 01h 320h 480 480 40 00 00h 370h 444 444 00 00h 370h 400 400 00h 00h 400 40h 400 40h 400 40h 400 00h 400 40h 400 40																				
930.6 S3.3 S3.2 S3.2 O				-0.1							37.0%								0.0	
39.0% S33 S52 0.0 - 0.1% 39.0% 48.6 48.5 - 0.1 - 0.1% 39.0% 44.3 - 44.5 - 0.0 - 0.0% 39.0% 40.0 - 0.0%																				0.0%
4076 S22 S32 D0 D15	39.5%	53.3									39.5%	44.3				39.5%			0.0	
\$\frac{4}{2}\text{C}\$ \$\frac{5}{2}\text{I}\$ \$\frac{1}{2}\text{C}\$ \$\frac{1}{2}\text{I}\$ \$\frac{1}{2}\text{C}\$ \$\frac{1}\text{C}\$ \$\frac{1}{2}\text{C}\$ \$\frac{1}{2}\text{C}\$ \$\frac{1}{2}\text{C}\$ \$\frac{1}{2}\text{C}\$ \$\frac{1}{2}\text{C}\$ \$\frac{1}{2}\text{C}\$ \$\frac{1}{2}\text{C}\$ \$\frac{1}{2}\text{C}\$ \$\frac{1}\text{C}\$ \$\frac{1}{2}\text{C}\$ \$\frac{1}{2}\text{C}\$ \$\frac	40.7%																			
\$235. \$23 \$22 \$42. \$438. \$434. \$434. \$434. \$435. \$435. \$435. \$441. \$441. \$41. \$0.1 \$0.15. \$4.255. \$428. \$439. \$0.1 \$0.255. \$445. \$457. \$429. \$457. \$45				0.0						-0.2%	42.0%				0.0%				0.1	
44-05 20																				
467% \$28 \$27 \$42 \$42 \$492 \$41 \$41 \$42 \$61 \$0.2% \$45 \$45 \$44 \$44 \$44 \$40 \$0.0 \$0.0 \$64 \$46 \$44 \$46																				
40% 528 526 -02 -0.0% 48.9% 427 428 00 0.0% 48.9% 427 428 00 0.0% 48.9% 427 428 00 0.0% 48.9% 428 427 0.0 0.0% 48.9% 428 428 428 428 428 428 428 428 428 428						45.7%										45.7%			0.1	
Math S28 S28 G22 G4% Math																				
40.91										0.2%	48 1%									
Stock 127 125 127 125 127 128 12																				
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94.9% 52.6 52.2 -0.4 -0.7% 54.9% 48.6 48.7 48.8 0.0 0.1% 54.9% 43.6 43.6 0.0 0.0% 54.3% 42.4 42.5 0.1 0.2% 55.9% 42.6 42.5 0.1 0.2% 55.9% 42.6 42.5 0.1 0.2% 55.9% 42.6 42.5 0.1 0.2% 55.9% 42.6 42.5 0.1 0.2% 55.9% 42.6 42.5 0.1 0.2% 55.9% 42.6 42.5 0.1 0.2% 55.9% 42.6 42.5 0.1 0.2% 55.9% 42.6 42.5 0.1 0.2% 55.9% 42.6 42.5 0.1 0.2% 55.9% 42.6 42.5 0.1 0.2% 55.9% 42.6 42.5 0.1 0.2% 55.9% 42.6 42.5 0.1 0.2% 55.9% 42.6 42.5 0.1 0.2% 55.9% 42.6 42.5 0.1 0.2% 55.9% 42.6 42.5 0.1 0.2% 55.9% 42.6 42.5 0.1 0.2% 55.9% 42.6 42.6 0.1 0.2% 55.9% 42.6 0.1 0.2% 55.9% 42.6 0.1 0.2% 55.9% 42.6 0.1 0.2% 55.9% 42.6 0.1 0.2% 55.9% 42.6 0.1 0.2% 55.9% 42.6 0.1 0.2% 55.9% 42.6 0.1 0.2% 55.9% 42.6 0.1 0.2% 55.9% 42.6 0.1 0.2% 55.9% 42.6 0.1 0.2% 55.9% 42.6 0.1 0.2% 55.9% 55.																				
558% 528 522 0.4 0.7% 558% 486 487 0.0 0.1% 556% 43.5 0.0 -0.1% 556% 42.4 42.5 0.1 0.2% 558% 52.8 52.2 0.3 0.0% 55.8 48.6 48.6 0.0 0.0% 55.8 43.5 43.5 0.0 -0.1% 55.8 42.4 42.5 0.1 0.1% 55.8 43.5 0.0 -0.1% 55.8 42.4 42.5 0.1 0.1% 55.8 43.5 0.0 -0.1% 55.8 43.5 0.0 -0.1% 55.8 42.4 0.1 0.1% 55.8 43.5 0.0 -0.1% 55.8 42.4 0.1 0.1% 55.8 43.5 0.0 -0.1% 55.8 42.4 0.1 0.1% 55.8 43.5 0.0 -0.1% 55.8 42.4 0.1 0.2% 60.5% 43.4 43.5 0.0 -0.1% 55.8 42.4 42.5 0.1 0.2% 60.5% 43.4 43.5 0.0 -0.1% 55.8 42.4 0.1 0.2% 60.5% 43.4 43.5 0.0 -0.1% 55.8 42.4 0.1 0.2% 60.5% 43.4 43.5 0.0 -0.1% 55.8 42.4 0.1 0.2% 60.5% 43.5 43.5 0.0 0.0% 43.4 43.5 0.0 0.0% 43.5 43.5 43.5 0.0 0.0% 43.5 43.5 0.0 0.0% 43.5 43			52.2	-0.4		53.170 E4.20/					53.170 E4.20/	43.0				53.170		42.5	0.0	
58.0% 52.4 52.2 0.3 -0.5% 56.8% 48.6 48.6 0.0 0.1% 58.0% 43.5 43.5 0.0 -0.1% 58.0% 42.4 42.4 0.1 0.1% 58.0% 52.3 52.1 0.3 -0.5% 58.0% 48.6 48.6 0.0 0.0% 58.0% 43.5 43.5 0.0 -0.1% 58.0% 42.3 42.4 0.1 0.2% 58.0% 59.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0																				
880% 52.3 52.1 +0.3 -0.5% 58.0% 48.8 48.6 0.0 0.0% 58.0% 43.5 43.5 0.0 -0.1% 58.0% 42.3 42.4 0.1 0.2% 59.5% 43.5 48.5 0.0 0.1% 58.0% 42.3 42.3 0.1 0.2% 59.5% 43.5 48.6 0.1 0.0% 59.5% 43.4 43.5 0.0 0.1% 59.5% 42.3 42.3 0.1 0.2% 59.5% 43.6 0.1 0.0% 59.5% 43.6 0.1 0.0% 59.5% 43.6 0.1 0.0% 59.5% 43.6 0.1 0.0% 59.5% 43.6 0.1 0.0% 59.5% 43.6 0.1 0.0% 59.5% 43.6 0.1 0.0% 59.5% 43.6 0.1 0.0% 59.5% 43.6 0.1 0.0% 59.5% 43.6 0.1 0.0% 59.5% 43.6 0.1 0.0 0.0% 59.5% 43.6 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0										0.1%	55.0% EC 00/									
95.3% 52.2 52.0 0.1 0.2% 59.3% 48.5 48.6 0.1 0.2% 59.3% 43.4 43.5 0.0 0.1% 59.3% 42.3 42.3 0.1 0.2% 60.5% 48.4 48.6 0.1 0.3% 60.5% 48.4 48.6 0.1 0.3% 60.5% 48.4 48.6 0.1 0.3% 60.5% 48.4 48.4 0.0 0.0% 61.7% 43.4 43.4 0.0 0.0% 61.7% 43.4 43.4 0.0 0.0% 61.7% 43.4 43.4 0.0 0.0% 61.7% 43.4 43.4 0.0 0.0% 61.7% 43.4 43.4 0.0 0.0% 61.7% 43.4 43.4 0.0 0.0% 61.7% 43.4 43.4 0.0 0.0% 61.7% 43.4 43.4 0.0 0.0% 61.7% 43.0 43.0 0.0 0.0% 61.7% 43.0 43.0 0.0 0.0% 61.7% 43.0 43.0 0.0 0.0% 61.7% 43.0 43.0 0.0 0.0% 61.7% 43.0 43.0 0.0 0.0% 61.7% 43.0 43.0 0.0 0.0% 61.7% 61																				
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100.0% 49.3 49.3 0.0 0.0% 100.0% 45.1 45.5 0.4 1.0% 100.0% 40.7 40.7 0.0 0.0% 100.0% 39.1 39.1 0.0 0.1%																				
	100.0%	49.3	49.3	0.0	0.0%	100.0%	45.1	45.5	0.4	1.0%	100.0%	40.7	40.7	0.0	0.0%	100.0%	39.1	39.1	0.0	0.1%

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

April

May

March

February

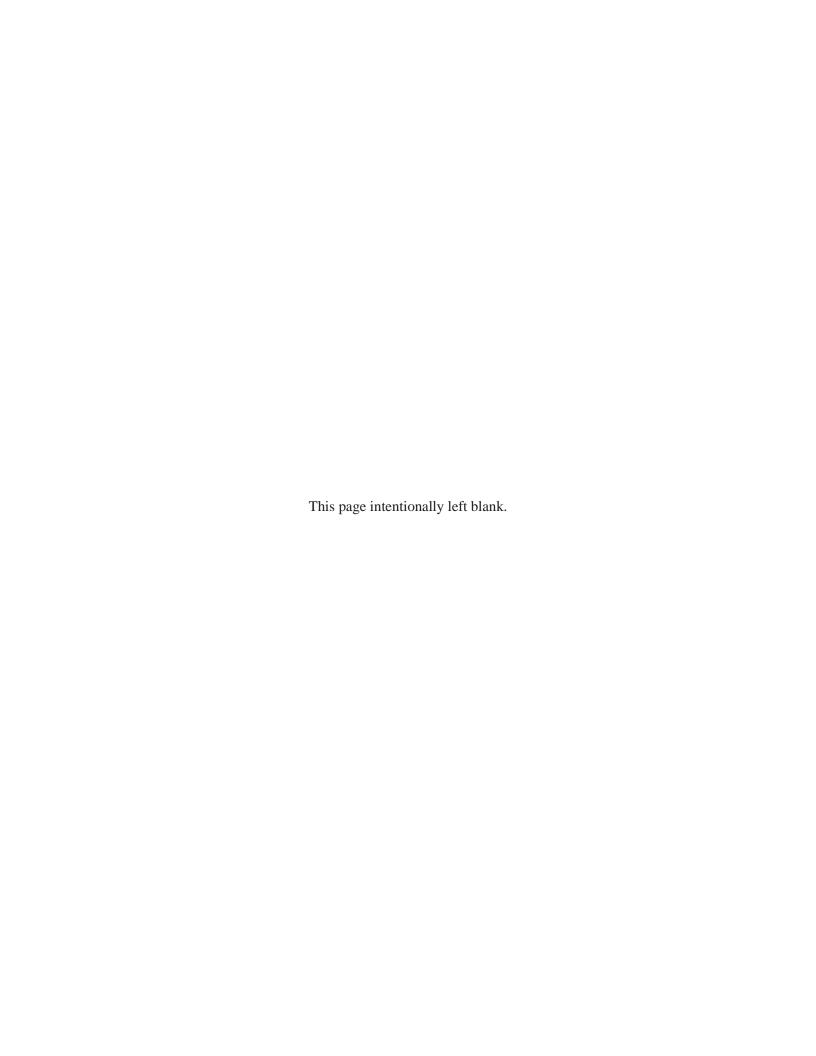
Percent		rebluary			Percent		March			Percent		Aprii			Percent		May		
Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)				(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	47.9	47.9	0.0	0.0%	0.0%	51.7	51.7	0.0	0.0%	0.0%	55.4	55.5	0.1	0.2%	0.0%	58.5	58.5	0.0	0.0%
1.2%	46.9	46.8	-0.1	-0.2%	1.2%	51.3	51.3	0.0	0.0%	1.2%	55.3	55.1	-0.1	-0.2%	1.2%	58.5	58.5	0.0	0.0%
2.5%	46.8	46.7	-0.1	-0.2%	2.5%	51.1	51.3	0.1	0.3%	2.5%	54.8	54.8	0.0	0.0%	2.5%	58.5	58.5	0.0	0.0%
3.7% 4.9%	46.4 46.2	46.4 46.3	0.0	0.0%	3.7% 4.9%	50.1	50.1 50.0	0.0	-0.1% -0.1%	3.7%	54.6 54.4	54.7 54.3	0.1 -0.1	0.1%	3.7% 4.9%	57.8 57.8	57.8 57.6	-0.2	0.0%
						50.0								-0.2%		57.8 57.6			-0.3%
6.2% 7.4%	46.1 45.9	46.2 46.1	0.0	0.1%	6.2% 7.4%	49.9 49.4	49.9 49.4	0.0	0.0%	6.2% 7.4%	54.3 53.9	53.8 53.7	-0.5 -0.2	-0.9% -0.3%	6.2% 7.4%	57.6 57.5	57.5 57.4	-0.1 -0.1	-0.2% -0.2%
8.6%	45.7	45.9	0.3	0.3%	8.6%	49.4	49.4	0.0	-0.1%	8.6%	53.9	53.7	-0.2	-0.4%	8.6%	57.5 57.4	57.4	0.0	0.0%
9.9%	45.6	45.6	0.0	0.0%	9.9%	49.4	49.2	-0.2	-0.5%	9.9%	53.8	53.7	-0.2	-0.3%	9.9%	57.1	57.3	0.0	0.2%
11.1%	45.5	45.5	0.0	0.0%	11.1%	49.3	49.2	-0.1	-0.2%	11.1%	53.7	53.7	0.0	-0.1%	11.1%	57.1	57.1	0.1	0.1%
12.3%	45.5	45.5	0.0	0.0%	12.3%	49.2	49.1	-0.2	-0.3%	12.3%	53.7	53.6	-0.1	-0.1%	12.3%	57.0	57.1	0.0	0.0%
13.6%	45.5	45.5	0.0	-0.1%	13.6%	49.2	49.0	-0.2	-0.3%	13.6%	53.5	53.5	0.0	-0.1%	13.6%	57.0	57.0	0.0	0.0%
14.8%	45.4	45.4	-0.1	-0.1%	14.8%	49.1	49.0	-0.1	-0.1%	14.8%	53.5	53.5	0.0	0.1%	14.8%	57.0	57.0	0.0	0.0%
16.0%	45.4	45.4	0.0	0.0%	16.0%	49.0	48.9	-0.1	-0.2%	16.0%	53.4	53.5	0.0	0.0%	16.0%	56.9	56.9	0.0	-0.1%
17.3%	45.3	45.3	0.0	0.0%	17.3%	49.0	48.8	-0.2	-0.4%	17.3%	53.4	53.4	0.0	0.0%	17.3%	56.9	56.7	-0.2	-0.3%
18.5%	45.3	45.3	0.0	0.0%	18.5%	48.8	48.7	-0.1	-0.2%	18.5%	53.4	53.4	0.0	0.1%	18.5%	56.7	56.7	0.0	0.0%
19.8%	45.3	45.3	-0.1	-0.1%	19.8%	48.8	48.6	-0.2	-0.3%	19.8%	53.3	53.3	0.0	0.0%	19.8%	56.5	56.6	0.1	0.1%
21.0%	45.2	45.3	0.1	0.1%	21.0%	48.7	48.6	-0.1	-0.1%	21.0%	53.2	53.2	0.0	0.0%	21.0%	56.5	56.5	0.0	0.0%
22.2%	45.1 45.1	45.1 45.1	0.0	0.0%	22.2%	48.6 48.6	48.6 48.3	-0.1	-0.1%	22.2% 23.5%	53.1	53.2	0.1 0.3	0.3%	22.2%	56.3 56.3	56.4 56.4	0.1 0.2	0.2%
23.5% 24.7%	45.1 45.1	45.1	0.0	0.0%	23.5% 24.7%	48.5	48.3	-0.3 -0.2	-0.5% -0.4%	24.7%	52.5 52.4	52.8 52.5	0.3	0.6%	23.5% 24.7%	56.2	56.4	0.2	0.3%
25.9%	45.1 45.0	45.1 45.1	0.0	0.1%	25.9%	48.5 48.4	48.3 48.3	-0.2	-0.4% -0.2%	24.7% 25.9%	52.4 52.3	52.5 52.1	-0.1	-0.2%	24.7% 25.9%	56.2	56.4 56.2	0.2	0.3%
27.2%	45.0	45.0	0.0	0.1%	27.2%	48.3	48.2	-0.1	-0.2%	27.2%	52.2	52.1	-0.1	-0.2%	27.2%	56.1	56.0	0.0	0.0%
28.4%	44.9	45.0	0.0	0.1%	28.4%	48.3	48.2	-0.1	-0.2%	28.4%	52.2	52.0	-0.1	-0.5%	28.4%	56.0	56.0	0.0	0.0%
29.6%	44.9	45.0	0.1	0.1%	29.6%	48.3	48.1	-0.1	-0.4%	29.6%	52.1	52.0	-0.2	-0.3%	29.6%	56.0	56.0	0.0	0.0%
30.9%	44.9	44.9	0.1	0.2%	30.9%	48.3	48.1	-0.2	-0.5%	30.9%	52.1	51.9	-0.2	-0.4%	30.9%	56.0	55.9	-0.1	-0.2%
32.1%	44.9	44.9	0.0	0.0%	32.1%	48.1	48.0	-0.1	-0.3%	32.1%	52.1	51.9	-0.2	-0.4%	32.1%	55.9	55.8	0.0	0.0%
33.3%	44.8	44.9	0.0	0.1%	33.3%	48.1	48.0	-0.1	-0.2%	33.3%	52.0	51.8	-0.1	-0.3%	33.3%	55.9	55.8	-0.1	-0.2%
34.6%	44.8	44.9	0.0	0.1%	34.6%	48.1	48.0	-0.1	-0.2%	34.6%	51.9	51.8	-0.1	-0.2%	34.6%	55.8	55.8	0.0	0.0%
35.8%	44.8	44.8	0.1	0.2%	35.8%	48.0	47.9	-0.1	-0.1%	35.8%	51.8	51.7	-0.1	-0.2%	35.8%	55.7	55.6	-0.2	-0.3%
37.0%	44.7	44.7	0.0	0.0%	37.0%	48.0	47.9	-0.1	-0.3%	37.0%	51.8	51.6	-0.2	-0.3%	37.0%	55.7	55.6	-0.1	-0.3%
38.3%	44.7	44.7	0.0	0.0%	38.3%	47.9	47.8	-0.1	-0.2%	38.3%	51.8	51.6	-0.1	-0.3%	38.3%	55.6	55.6	0.0	0.0%
39.5%	44.7	44.7	0.0	0.1%	39.5%	47.8	47.8	0.0	0.0%	39.5%	51.6	51.6	0.0	-0.1%	39.5%	55.5	55.5	0.0	0.0%
40.7% 42.0%	44.6 44.6	44.7 44.6	0.1	0.2%	40.7% 42.0%	47.8 47.8	47.8 47.7	0.0 -0.1	-0.1% -0.1%	40.7% 42.0%	51.6 51.6	51.6 51.6	0.0	-0.1% -0.1%	40.7% 42.0%	55.2 55.2	55.4 55.2	0.1	0.3%
42.0%	44.6 44.6	44.6 44.6	0.0	0.0%	43.2%	47.8 47.7	47.7 47.7	-0.1	-0.1% -0.2%	43.2%	51.6 51.6	51.6 51.6	0.0	-0.1% -0.1%	43.2%	55.2 55.1	55.2 55.2	0.0	0.1%
44.4%	44.6	44.6	0.0	0.0%	44.4%	47.6	47.6	0.0	0.0%	44.4%	51.6	51.5	-0.1	-0.1%	44.4%	54.9	55.1	0.1	0.4%
45.7%	44.5	44.6	0.0	0.1%	45.7%	47.6	47.5	0.0	0.0%	45.7%	51.4	51.4	0.0	0.0%	45.7%	54.9	55.0	0.0	0.1%
46.9%	44.4	44.6	0.1	0.3%	46.9%	47.5	47.5	0.0	0.0%	46.9%	51.4	51.4	0.0	0.0%	46.9%	54.9	54.9	0.0	0.0%
48.1%	44.3	44.5	0.3	0.6%	48.1%	47.5	47.5	0.0	0.0%	48.1%	51.3	51.3	0.0	0.0%	48.1%	54.9	54.9	0.0	0.0%
49.4%	44.3	44.4	0.2	0.4%	49.4%	47.5	47.5	0.0	0.0%	49.4%	51.2	51.2	0.0	0.0%	49.4%	54.9	54.8	-0.1	-0.1%
50.6%	44.2	44.3	0.0	0.1%	50.6%	47.2	47.3	0.0	0.1%	50.6%	51.2	51.2	0.0	0.0%	50.6%	54.8	54.8	-0.1	-0.1%
51.9%	44.2	44.3	0.1	0.2%	51.9%	47.2	47.2	0.0	0.0%	51.9%	51.2	51.2	0.0	0.0%	51.9%	54.8	54.8	0.0	0.0%
53.1%	44.2	44.2	0.1	0.2%	53.1%	47.2	47.2	0.0	0.0%	53.1%	51.1	51.1	0.0	0.0%	53.1%	54.8	54.8	0.0	0.0%
54.3%	44.1	44.2	0.1	0.2%	54.3%	47.2	47.2	0.0	0.0%	54.3%	51.1	51.1	0.0	0.0%	54.3%	54.7	54.7	-0.1	-0.1%
55.6%	44.1	44.2	0.1	0.2%	55.6%	47.1	47.1	0.0	-0.1%	55.6%	51.1	51.1	0.0	0.0%	55.6%	54.7	54.7	0.0	-0.1%
56.8%	44.1	44.1	0.1	0.1%	56.8%	47.1	47.1	0.0	0.0%	56.8%	51.1	51.1	0.0	-0.1%	56.8%	54.7	54.7	0.0	0.0%
58.0% 59.3%	44.1 44.0	44.1 44.1	0.0	0.1%	58.0% 59.3%	47.0 47.0	47.1 47.0	0.1	0.1%	58.0% 59.3%	51.1 50.9	51.0 50.9	-0.1	-0.1%	58.0% 59.3%	54.6 54.6	54.6 54.6	0.0	0.0%
60.5%	44.0	44.1	0.0	0.1%	60.5%	47.0	47.0	0.0	0.0%	60.5%	50.9	50.9	0.0	0.0%	60.5%	54.6	54.6	0.0	-0.1% -0.1%
61.7%	43.9	43.9	0.0	0.1%	61.7%	47.0	47.0	0.0	0.0%	61.7%	50.8	50.8	0.0	0.0%	61.7%	54.4	54.3	0.0	-0.1%
63.0%	43.9	43.9	0.0	0.0%	63.0%	46.9	46.9	0.0	-0.1%	63.0%	50.6	50.6	0.0	-0.1%	63.0%	54.4	54.3	-0.1	-0.2%
64.2%	43.8	43.9	0.0	0.0%	64.2%	46.9	46.9	0.0	0.0%	64.2%	50.6	50.6	-0.1	-0.2%	64.2%	54.3	54.2	0.0	-0.1%
65.4%	43.8	43.8	0.0	0.0%	65.4%	46.8	46.8	0.0	0.0%	65.4%	50.6	50.5	-0.1	-0.2%	65.4%	54.2	54.2	0.0	0.0%
66.7%	43.8	43.8	0.0	0.1%	66.7%	46.7	46.8	0.0	0.0%	66.7%	50.6	50.4	-0.2	-0.4%	66.7%	54.1	54.2	0.1	0.1%
67.9%	43.7	43.8	0.0	0.1%	67.9%	46.7	46.7	0.0	0.1%	67.9%	50.5	50.1	-0.4	-0.7%	67.9%	54.1	54.1	0.0	0.0%
69.1%	43.6	43.7	0.0	0.0%	69.1%	46.6	46.7	0.0	0.1%	69.1%	50.4	50.1	-0.3	-0.5%	69.1%	54.1	54.0	0.0	-0.1%
70.4%	43.6	43.6	0.0	0.0%	70.4%	46.6	46.7	0.0	0.1%	70.4%	50.2	50.0	-0.2	-0.4%	70.4%	53.9	54.0	0.1	0.2%
71.6%	43.5	43.5	0.0	0.0%	71.6%	46.6	46.6	0.0	0.0%	71.6%	50.2	50.0	-0.2	-0.4%	71.6%	53.9	54.0	0.1	0.3%
72.8% 74.1%	43.5 43.5	43.5 43.5	0.0	0.0%	72.8% 74.1%	46.6 46.4	46.6 46.4	0.0	0.0%	72.8% 74.1%	50.2 50.1	49.9 49.8	-0.3 -0.2	-0.5% -0.5%	72.8% 74.1%	53.7 53.7	53.9 53.9	0.1	0.3%
74.1% 75.3%	43.5 43.4	43.5 43.5	0.0	0.0%	74.1% 75.3%	46.4 46.1	46.4 46.1	0.0	0.0% -0.1%		50.1 50.0	49.8 49.8	-0.2 -0.2	-0.5%	74.1% 75.3%	53.7 53.6	53.9 53.7	0.2	0.4%
76.5%	43.4	43.4	0.0	0.1%	76.5%	46.1	46.1	0.0	0.1%	75.3% 76.5%	49.9	49.8	-0.2	-0.4%	76.5%	53.4	53.7	0.2	0.5%
77.8%	43.4	43.4	0.0	0.0%	77.8%	46.0	46.0	0.0	0.1%	77.8%	49.8	49.8	-0.1	-0.1%	77.8%	53.4	53.6	0.3	0.5%
79.0%	43.4	43.4	0.0	0.1%	79.0%	46.0	46.0	0.0	0.0%	79.0%	49.8	49.7	-0.1	-0.1%	79.0%	53.4	53.4	0.0	0.0%
80.2%	43.3	43.2	-0.1	-0.2%	80.2%	46.0	46.0	0.0	0.0%	80.2%	49.6	49.6	0.0	0.0%	80.2%	53.2	53.3	0.1	0.2%
81.5%	43.2	43.2	0.0	-0.1%	81.5%	46.0	46.0	0.0	0.0%	81.5%	49.6	49.6	0.0	0.1%	81.5%	52.9	53.0	0.1	0.2%
82.7%	43.1	43.2	0.0	0.1%	82.7%	46.0	45.9	0.0	0.0%	82.7%	49.5	49.5	0.1	0.2%	82.7%	52.9	52.8	-0.2	-0.3%
84.0%	42.9	42.9	0.0	0.0%	84.0%	45.9	45.9	0.0	0.0%	84.0%	49.4	49.4	0.0	0.0%	84.0%	52.9	52.7	-0.1	-0.3%
85.2%	42.9	42.9	0.0	0.0%	85.2%	45.9	45.9	0.0	0.0%	85.2%	49.4	49.4	0.0	0.0%	85.2%	52.7	52.7	0.0	0.0%
86.4%	42.9	42.9	0.0	0.0%	86.4%	45.9	45.9	0.0	-0.1%	86.4%	49.3	49.3	0.0	0.0%	86.4%	52.7	52.7	0.0	0.0%
87.7%	42.9	42.8	0.0	0.0%	87.7%	45.8	45.9	0.0	0.0%	87.7%	49.3	49.2	-0.1	-0.1%	87.7%	52.5	52.6	0.0	0.1%
88.9%	42.9	42.8	0.0	0.0%	88.9%	45.7	45.7	0.0	0.0%	88.9%	49.2	49.1	-0.1	-0.2%	88.9%	52.5	52.5	0.0	0.0%
90.1%	42.8	42.8	0.0	-0.1%	90.1%	45.7	45.6	0.0	-0.1%	90.1%	49.2	48.6	-0.6	-1.2%	90.1%	52.3	52.3	-0.1	-0.1%
91.4% 92.6%	42.6 42.6	42.6 42.6	0.0	0.0%	91.4% 92.6%	45.6 45.4	45.6 45.5	-0.1 0.1	-0.1% 0.1%	91.4% 92.6%	48.6	48.6 48.4	0.0	0.0%	91.4% 92.6%	52.1 52.1	52.2 52.1	0.1 0.0	0.2%
93.8%	42.5	42.6	0.0	0.0%	93.8%	45.4 45.4	45.5 45.4	0.0	0.1%	93.8%	48.4 48.3	48.3	0.0	0.0%	93.8%	51.8	52.1	0.0	0.0%
93.8%	42.5 42.5	42.5 42.5	0.1	0.2%	95.1%	45.4 45.4	45.4 45.4	0.0	0.0%	95.1%	48.3 48.2	48.3 48.3	0.0	0.0%	95.1%	51.8 51.1	52.1 51.2	0.3	0.5%
96.3%	42.4	42.4	0.0	0.0%	96.3%	45.3	45.3	0.0	0.0%	96.3%	48.0	48.0	0.0	0.0%	96.3%	50.9	50.9	0.0	0.0%
97.5%	42.2	42.2	0.0	0.0%	97.5%	45.2	45.2	0.0	0.1%	97.5%	47.9	47.9	0.0	0.0%	97.5%	50.8	50.8	0.0	0.0%
98.8%	41.9	41.9	0.0	0.0%	98.8%	45.0	44.9	0.0	-0.1%	98.8%	46.5	46.6	0.0	0.1%	98.8%	50.1	50.1	0.0	0.1%
100.0%	41.5	41.5	0.0	0.0%	100.0%	44.9	44.9	0.0	0.0%	100.0%	46.4	46.4	0.0	0.0%	100.0%	49.7	49.7	0.0	0.1%

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

August

September

Percent					Percent		*** ** *			Percent		*** ** *			Percent				
Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative
Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	65.8	65.8	0.0	0.0%	0.0%	83.4	83.0	-0.4	-0.4%	0.0%	74.0	74.1	0.0	0.0%	0.0%	66.2	63.2	-3.0	-4.5%
1.2%	65.1	64.9	-0.2	-0.3%	1.2%	72.2	72.4	0.2	0.3%	1.2%	69.6	69.5	-0.2	-0.2%	1.2%	63.9	63.1	-0.8	-1.2%
2.5%	64.9	64.9	-0.1	-0.1%	2.5%	71.5	71.1	-0.4	-0.5%	2.5%	68.6	67.5	-1.1	-1.7%	2.5%	63.1	62.2	-0.9	-1.5%
3.7%	64.8	64.4	-0.4	-0.7%	3.7%	70.9	70.3	-0.6	-0.9%	3.7%	67.7	66.9	-0.7	-1.1%	3.7%	63.1	61.9	-1.2	-1.9%
4.9%	64.4	64.2	-0.2	-0.3%	4.9%	70.6	69.3	-1.3	-1.8%	4.9%	66.8	66.6	-0.2	-0.4%	4.9%	62.4	61.8	-0.6	-0.9%
6.2%	64.2	64.1	-0.1	-0.2%	6.2%	69.2	68.9	-0.3	-0.5%	6.2%	66.6	66.4	-0.2	-0.2%	6.2%	61.9	60.7	-1.2	-1.9%
7.4%	63.8	63.7	-0.1	-0.2%	7.4%	68.8	68.7	-0.1	-0.2%	7.4%	66.5	66.2	-0.3	-0.4%	7.4%	61.3	60.4	-0.9	-1.5%
8.6% 9.9%	63.7 63.2	63.7 63.5	0.0	0.0% 0.5%	8.6% 9.9%	68.6 68.1	68.1 68.1	-0.5 0.0	-0.7% 0.0%	8.6% 9.9%	66.3 66.3	66.2 66.1	-0.1 -0.2	-0.2% -0.2%	8.6% 9.9%	61.0 61.0	60.3 60.2	-0.8 -0.8	-1.2% -1.3%
							68.0	0.0								60.4			
11.1% 12.3%	62.9 62.8	63.1 62.9	0.2 0.1	0.2% 0.2%	11.1% 12.3%	68.0 67.9	67.9	0.0	0.0%	11.1% 12.3%	66.2 66.2	66.1 66.0	-0.1 -0.2	-0.2% -0.3%	11.1% 12.3%	60.3	60.1 59.5	-0.3 -0.8	-0.5% -1.4%
13.6%	62.6	62.8	0.1	0.2%	13.6%	67.9	67.9	0.0	0.0%	13.6%	65.8	65.8	0.0	0.0%	13.6%	60.3	59.2	-0.8	-1.4%
14.8%	61.6	61.5	0.2	-0.1%	14.8%	67.7	67.8	0.0	0.0%	14.8%	65.1	65.6	0.4	0.7%	14.8%	59.7	59.1	-0.6	-1.0%
16.0%	61.5	61.4	0.0	-0.1%	16.0%	67.6	67.7	0.1	0.1%	16.0%	65.0	65.0	0.0	-0.1%	16.0%	59.2	58.8	-0.4	-0.6%
17.3%	61.3	61.3	-0.1	-0.1%	17.3%	67.5	67.4	-0.1	-0.2%	17.3%	65.0	65.0	0.0	-0.1%	17.3%	58.8	58.8	0.0	0.1%
18.5%	61.3	61.3	0.0	0.0%	18.5%	67.4	67.3	-0.1	-0.1%	18.5%	64.9	65.0	0.0	0.0%	18.5%	58.5	58.4	-0.1	-0.2%
19.8%	61.2	61.2	0.0	-0.1%	19.8%	67.4	67.3	-0.1	-0.1%	19.8%	64.9	64.9	0.1	0.1%	19.8%	58.2	58.2	0.0	0.0%
21.0%	60.9	61.1	0.2	0.3%	21.0%	67.4	67.2	-0.2	-0.2%	21.0%	64.8	64.9	0.0	0.0%	21.0%	58.2	58.1	-0.1	-0.2%
22.2%	60.8	61.0	0.2	0.3%	22.2%	67.4	67.1	-0.2	-0.4%	22.2%	64.8	64.8	0.0	0.1%	22.2%	58.1	58.0	-0.1	-0.1%
23.5%	60.6	60.6	0.0	0.0%	23.5%	67.3	67.1	-0.2	-0.3%	23.5%	64.7	64.7	0.0	0.0%	23.5%	58.0	58.0	0.0	0.0%
24.7%	60.6	60.6	0.0	0.0%	24.7%	67.1	66.9	-0.1	-0.2%	24.7%	64.7	64.7	0.0	0.0%	24.7%	57.9	58.0	0.1	0.1%
25.9%	60.6	60.6	0.0	0.0%	25.9%	66.8	66.9	0.1	0.2%	25.9%	64.7	64.7	0.0	0.0%	25.9%	57.7	57.8	0.0	0.0%
27.2%	60.4	60.5	0.1	0.1%	27.2%	66.8	66.8	0.0	0.1%	27.2%	64.7	64.7	0.0	0.0%	27.2%	57.6	57.7	0.1	0.1%
28.4%	60.3	60.5	0.2	0.3%	28.4%	66.8	66.8	0.0	0.0%	28.4%	64.7	64.6	0.0	0.0%	28.4%	57.6	57.6	0.0	0.1%
29.6%	60.1	60.4	0.3	0.5%	29.6%	66.7	66.8	0.1	0.1%	29.6%	64.7	64.2	-0.4	-0.6%	29.6%	57.5	57.5	0.0	0.1%
30.9%	60.1	60.1	0.0	0.0%	30.9%	66.7	66.7	0.0	0.0%	30.9%	64.7	64.2	-0.5	-0.7%	30.9%	57.5	57.4	0.0	-0.1%
32.1%	60.0	60.0	0.1	0.1%	32.1%	66.6	66.6	-0.1	-0.1%	32.1%	64.3	64.1	-0.2	-0.3%	32.1%	57.5	57.4	-0.1	-0.1%
33.3%	59.8	59.9	0.0	0.1%	33.3%	66.6	66.6	-0.1	-0.1%	33.3%	64.2	64.1	-0.1	-0.2%	33.3%	57.3	57.4	0.1	0.2%
34.6%	59.8	59.8	0.1	0.1%	34.6%	66.6	66.5	-0.1	-0.1%	34.6%	63.9	64.1	0.1	0.2%	34.6%	57.2	57.3	0.1	0.2%
35.8%	59.7	59.8	0.1	0.2%	35.8%	66.5	66.5	-0.1	-0.1%	35.8%	63.9	63.9	0.0	0.0%	35.8%	57.2	57.3	0.2	0.3%
37.0%	59.6	59.7	0.0	0.1%	37.0%	66.5	66.4	0.0	-0.1%	37.0%	63.8	63.9	0.1	0.1%	37.0%	57.0	56.9	-0.1	-0.2%
38.3%	59.6	59.7	0.1	0.1%	38.3%	66.4	66.4	-0.1	-0.1%	38.3%	63.8	63.8	0.0	0.0%	38.3%	56.8	56.6	-0.2	-0.4%
39.5%	59.5	59.6	0.1	0.2%	39.5%	66.4	66.4	-0.1	-0.1%	39.5%	63.7	63.8	0.0	0.0%	39.5%	56.8	56.6	-0.2	-0.4%
40.7% 42.0%	59.5 59.4	59.5 59.4	0.0	0.0%	40.7% 42.0%	66.3 66.1	66.2 66.1	-0.1 0.0	-0.2% 0.0%	40.7% 42.0%	63.7 63.5	63.7 63.7	0.1	0.1%	40.7% 42.0%	56.7 56.6	56.6 56.6	-0.1 -0.1	-0.2% -0.1%
		59.4 59.4					66.1									56.6 56.6	56.6 56.6		
43.2% 44.4%	59.3 59.2	59.4	0.1 0.2	0.2%	43.2% 44.4%	66.0 65.6	66.1	0.0	0.1%	43.2% 44.4%	63.5 63.3	63.7 63.5	0.3	0.4%	43.2% 44.4%	56.6	56.5	0.0	-0.1% -0.1%
45.7%	59.2	59.4	0.2	0.3%	45.7%	65.6	66.0	0.4		45.7%	63.3	63.5	0.1	0.2%	45.7%	56.5	56.5	0.0	
46.9%	59.2	59.3	0.1	0.2%	45.7%	65.5	65.7	0.4	0.6%	46.9%	63.3	63.3	0.0	0.2%	46.9%	56.5	56.5	0.0	0.0%
48.1%	58.9	59.3 59.2	0.3	0.6%	48.1%	65.4	65.6	0.2	0.4%	48.1%	63.2	63.2	0.0	0.0%	48.1%	56.5	56.4	-0.1	-0.1%
49.4%	58.9	59.0	0.3	0.6%	49.4%	65.2	65.3	0.0	0.1%	49.4%	63.2	63.1	0.0	-0.1%	49.4%	56.5	56.4	-0.1	-0.1%
50.6%	58.9	58.8	0.0	-0.1%	50.6%	65.2	65.3	0.0	0.1%	50.6%	63.1	63.1	-0.1	-0.1%	50.6%	56.5	56.4	-0.1	-0.1%
51.9%	58.8	58.8	0.0	-0.1%	51.9%	65.1	65.2	0.1	0.1%	51.9%	63.1	63.0	-0.1	-0.2%	51.9%	56.4	56.4	-0.1	-0.2%
53.1%	58.8	58.7	0.0	0.0%	53.1%	64.9	65.1	0.2	0.3%	53.1%	63.0	63.0	0.0	0.0%	53.1%	56.4	56.3	-0.1	-0.2%
54.3%	58.8	58.7	-0.1	-0.2%	54.3%	64.9	65.1	0.2	0.3%	54.3%	62.8	63.0	0.1	0.2%	54.3%	56.4	56.2	-0.2	-0.3%
55.6%	58.7	58.6	-0.1	-0.1%	55.6%	64.9	65.1	0.2	0.4%	55.6%	62.8	63.0	0.1	0.2%	55.6%	56.4	56.2	-0.2	-0.3%
56.8%	58.6	58.5	0.0	0.0%	56.8%	64.7	65.1	0.4	0.6%	56.8%	62.8	62.9	0.1	0.1%	56.8%	56.3	56.2	-0.1	-0.2%
58.0%	58.5	58.5	0.0	0.0%	58.0%	64.7	64.7	0.0	0.1%	58.0%	62.8	62.9	0.1	0.1%	58.0%	56.2	56.1	-0.1	-0.2%
59.3%	58.3	58.5	0.2	0.3%	59.3%	64.6	64.6	0.0	-0.1%	59.3%	62.8	62.9	0.1	0.1%	59.3%	56.2	56.1	-0.1	-0.2%
60.5%	58.3	58.3	0.0	0.0%	60.5%	64.6	64.6	0.0	-0.1%	60.5%	62.8	62.8	0.0	0.0%	60.5%	56.1	56.1	-0.1	-0.1%
61.7%	58.2	58.1	0.0	0.0%	61.7%	64.6	64.6	0.0	0.0%	61.7%	62.7	62.8	0.1	0.1%	61.7%	56.0	56.0	0.0	-0.1%
63.0%	58.0	58.1	0.1	0.1%	63.0%	64.5	64.5	0.0	0.0%	63.0%	62.7	62.8	0.1	0.1%	63.0%	56.0	55.9	0.0	0.0%
64.2%	57.9	57.9	0.0	0.0%	64.2%	64.5	64.5	0.0	0.0%	64.2%	62.7	62.7	0.1	0.1%	64.2%	55.9	55.9	0.0	0.0%
65.4%	57.9	57.9	0.0	0.0%	65.4%	64.5	64.5	0.0	0.0%	65.4%	62.4	62.6	0.2	0.4%	65.4%	55.9	55.9	0.0	0.0%
66.7%	57.7	57.9	0.1	0.2%	66.7%	64.4	64.3	-0.1	-0.2%	66.7%	62.4	62.6	0.2	0.3%	66.7%	55.9	55.9	0.0	-0.1%
67.9%	57.7	57.9	0.1	0.2%	67.9%	64.3	64.3	0.0	0.0%	67.9%	62.3	62.5	0.2	0.3%	67.9%	55.8	55.8	0.0	0.0%
69.1%	57.6	57.8	0.3	0.5%	69.1%	64.2	64.2	0.0	0.0%	69.1%	62.1	62.4	0.3	0.5%	69.1%	55.8	55.8	0.0	-0.1%
70.4%	57.5	57.6	0.0	0.1%	70.4%	64.2	64.2	0.0	0.0%	70.4%	62.1	62.4	0.3	0.5%	70.4%	55.8	55.8	0.0	0.0%
71.6%	57.5	57.5	0.1	0.1%	71.6%	64.2	64.2	0.0	0.0%	71.6%	62.0	62.4	0.3	0.5%	71.6%	55.7 55.7	55.7 55.6	0.0	0.0%
72.8% 74.1%	57.5 57.4	57.5 57.4	0.0	0.0%	72.8% 74.1%	64.2 64.2	64.1 64.1	-0.1 -0.1	-0.1% -0.1%	72.8% 74.1%	62.0 61.9	62.2 62.1	0.2	0.3%	72.8% 74.1%	55.7 55.6	55.6 55.6	0.0	-0.1% 0.1%
74.1% 75.3%	57.4 57.4	57.4 57.3	0.0	-0.1%	74.1% 75.3%	64.2	64.0	-0.1	-0.1% -0.2%	74.1% 75.3%	61.7	62.1	0.2	0.4%	74.1% 75.3%	55.5 55.5	55.6 55.6	0.1	0.1%
75.3% 76.5%	57.4 57.3	57.3 57.1	-0.2	-0.1%	75.3% 76.5%	63.9	63.9	-0.1	-0.2%	75.3% 76.5%	61.7	62.0	0.3	0.6%	75.3% 76.5%	55.5 55.5	55.6 55.6	0.1	0.2%
77.8%	57.3 57.2	57.0	-0.2	-0.4%	77.8%	63.8	63.9	0.0	0.0%	77.8%	61.5	61.8	0.3	0.5%	77.8%	55.5	55.5	0.1	0.1%
79.0%	56.9	56.9	-0.2	-0.1%	79.0%	63.7	63.8	0.1	0.1%	79.0%	61.4	61.7	0.3	0.5%	79.0%	55.4	55.5	0.1	0.1%
80.2%	56.9	56.8	-0.1	-0.1%	80.2%	63.3	63.6	0.1	0.4%	80.2%	61.3	61.6	0.3	0.4%	80.2%	55.4	55.4	0.0	0.1%
81.5%	56.8	56.6	-0.1	-0.3%	81.5%	63.2	63.3	0.3	0.4%	81.5%	61.2	61.5	0.3	0.4%	81.5%	55.4	55.4	0.0	0.1%
82.7%	56.7	56.5	-0.3	-0.4%	82.7%	63.0	63.3	0.3	0.5%	82.7%	61.2	61.5	0.2	0.4%	82.7%	55.3	55.4	0.1	0.3%
84.0%	56.5	56.3	-0.2	-0.4%	84.0%	62.8	63.1	0.3	0.5%	84.0%	61.0	61.3	0.2	0.5%	84.0%	55.2	55.4	0.1	0.2%
85.2%	56.3	56.3	-0.1	-0.1%	85.2%	62.8	63.0	0.3	0.4%	85.2%	61.0	61.3	0.4	0.6%	85.2%	55.1	55.3	0.2	0.4%
86.4%	56.3	56.2	-0.1	-0.2%	86.4%	62.7	62.9	0.2	0.3%	86.4%	60.8	61.3	0.5	0.8%	86.4%	55.0	55.3	0.2	0.4%
87.7%	56.3	56.2	-0.1	-0.2%	87.7%	62.6	62.5	-0.1	-0.1%	87.7%	60.7	61.3	0.5	0.9%	87.7%	55.0	55.2	0.1	0.3%
88.9%	56.0	56.1	0.0	0.1%	88.9%	62.2	62.4	0.2	0.3%	88.9%	60.6	61.2	0.5	0.9%	88.9%	55.0	55.2	0.1	0.3%
90.1%	55.9	56.0	0.2	0.3%	90.1%	62.0	61.9	-0.1	-0.2%	90.1%	60.6	61.0	0.4	0.6%	90.1%	54.9	55.0	0.2	0.3%
91.4%	55.8	55.9	0.1	0.1%	91.4%	61.7	61.8	0.0	0.1%	91.4%	60.6	60.9	0.3	0.5%	91.4%	54.8	54.8	0.1	0.1%
92.6%	55.8	55.9	0.1	0.2%	92.6%	61.7	61.7	0.0	-0.1%	92.6%	60.4	60.7	0.3	0.5%	92.6%	54.6	54.7	0.1	0.2%
93.8%	55.2	55.2	0.0	0.0%	93.8%	61.2	61.2	0.0	0.0%	93.8%	60.2	60.2	0.0	0.0%	93.8%	54.4	54.5	0.1	0.2%
95.1%	54.7	54.7	0.0	0.1%	95.1%	61.1	61.1	-0.1	-0.1%	95.1%	60.0	60.0	0.0	0.0%	95.1%	54.4	54.4	0.1	0.1%
96.3%	54.5	54.5	0.0	0.0%	96.3%	60.7	60.6	-0.1	-0.1%	96.3%	59.6	59.7	0.0	0.1%	96.3%	54.3	54.4	0.1	0.1%
97.5%	54.5	54.5	0.0	0.0%	97.5%	60.5	60.4	-0.1	-0.2%	97.5%	59.5	59.4	0.0	-0.1%	97.5%	54.3	54.2	-0.1	-0.1%
98.8%	53.4	53.4	0.0	0.0%	98.8%	59.5	59.3	-0.1	-0.2%	98.8%	59.5	59.4	0.0	-0.1%	98.8%	53.9	53.8	-0.1	-0.1%
100.0%	51.9	51.9	0.0	0.0%	100.0%	59.3	59.1	-0.2	-0.3%	100.0%	59.1	59.4	0.3	0.5%	100.0%	53.8	53.7	0.0	-0.1%
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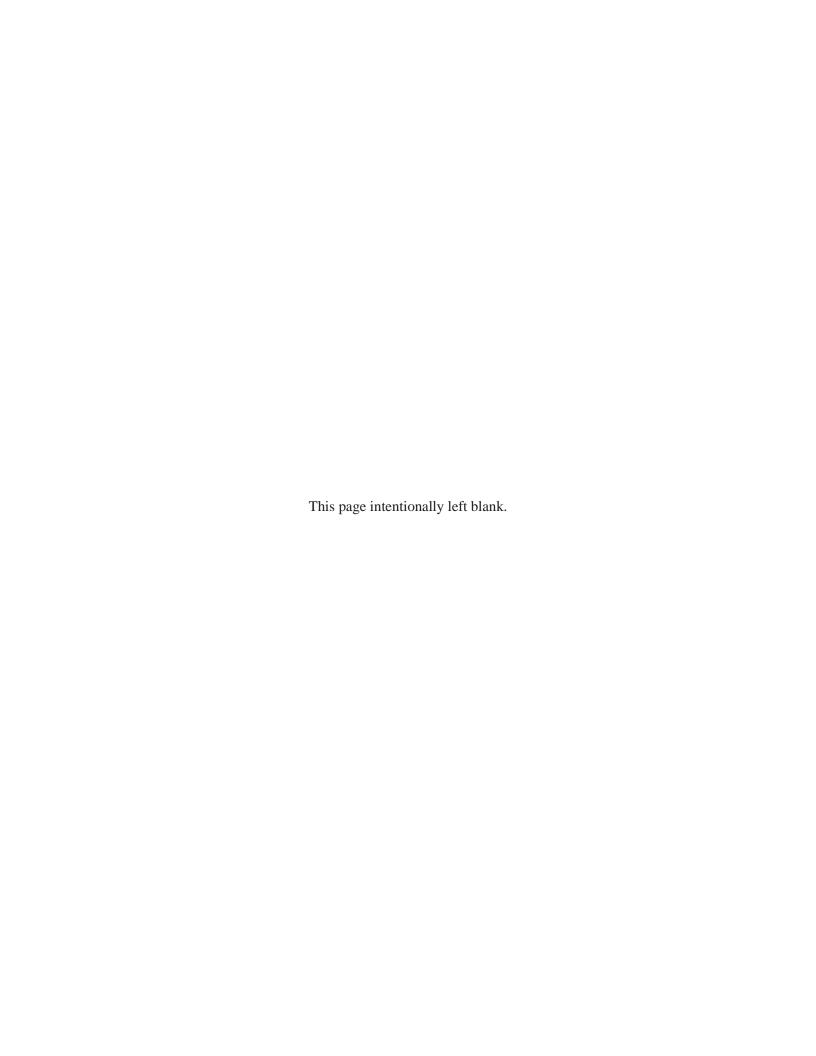


Table SQ-02-5a
Sacramento River below Keswick, Monthly Temperature
Long-term Average and Average by Water Year Type

				J		/ Water Ye thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Mav	Jun	Jul	Aua	Sep
				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	55.0	53.2	49.7	46.3	45.7	47.1	48.8	49.9	50.7	52.0	53.3	55.0
Alternative B	54.4	52.9	49.8	46.4	45.8	47.3	49.1	49.9	50.7	51.9	53.0	54.4
Difference	-0.6	-0.2	0.1	0.1	0.1	0.1	0.3	0.0	0.0	-0.1	-0.3	-0.6
Percent Difference ³	-1.0%	-0.4%	0.2%	0.3%	0.1%	0.3%	0.6%	-0.1%	0.0%	-0.2%	-0.6%	-1.19
				Water Y	ear Types	2						
Vet (32%)												
No Action Alternative	54.4	53.3	49.8	45.7	45.2	46.5	48.2	49.4	50.0	51.5	52.4	53.2
Alternative B	54.3	53.3	50.0	45.8	45.2	46.6	48.3	49.2	49.9	51.6	52.4	53.1
Difference	-0.1	0.0	0.2	0.1	0.1	0.1	0.1	-0.2	-0.1	0.1	0.1	-0.1
Percent Difference	-0.2%	-0.1%	0.3%	0.2%	0.1%	0.2%	0.2%	-0.3%	-0.1%	0.2%	0.1%	-0.29
Above Normal (15%)												
No Action Alternative	53.5	52.7	50.0	46.2	45.6	47.2	48.9	49.8	49.8	51.1	52.7	53.7
Alternative B	53.2	52.6	50.2	46.3	45.6	47.2	49.2	49.6	49.9	51.0	52.6	53.5
Difference	-0.3	-0.1	0.2	0.1	0.0	0.1	0.3	-0.2	0.1	0.0	-0.1	-0.2
Percent Difference	-0.6%	-0.2%	0.4%	0.3%	0.1%	0.1%	0.6%	-0.3%	0.2%	-0.1%	-0.2%	-0.39
Below Normal (17%)												
No Action Alternative	53.1	52.4	49.9	46.6	45.6	47.0	49.0	49.8	50.3	51.4	52.1	53.8
Alternative B	52.8	52.3	50.0	46.7	45.6	47.0	49.2	49.8	50.3	51.4	52.0	53.3
Difference	-0.3	-0.1	0.1	0.1	0.0	0.0	0.2	0.0	-0.1	0.0	-0.2	-0.5
Percent Difference	-0.6%	-0.3%	0.2%	0.2%	0.0%	0.1%	0.5%	0.0%	-0.1%	0.0%	-0.3%	-1.09
Ory (22%)												
No Action Alternative	55.3	53.5	49.8	46.8	46.0	47.6	49.0	49.8	50.9	51.7	53.2	55.5
Alternative B	54.3	53.0	49.8	47.0	46.1	47.9	49.5	49.9	51.0	51.6	52.7	54.6
Difference	-1.0	-0.5	0.0	0.2	0.1	0.2	0.5	0.1	0.1	0.0	-0.5	-0.9
Percent Difference	-1.9%	-1.0%	0.0%	0.4%	0.2%	0.5%	1.0%	0.3%	0.2%	-0.1%	-0.9%	-1.79
Critical (15%)												
lo Action Alternative	59.6	53.6	48.8	46.6	46.4	48.1	49.7	51.5	53.2	55.5	57.4	61.1
Alternative B	58.1	53.2	49.0	46.8	46.6	48.3	50.2	51.6	53.2	54.7	56.2	59.5
Difference	-1.5	-0.4	0.2	0.2	0.1	0.2	0.5	0.1	0.0	-0.8	-1.2	-1.6
Percent Difference	-2.5%	-0.7%	0.4%	0.5%	0.3%	0.4%	1.0%	0.1%	0.0%	-1.4%	-2.1%	-2.69

1 Based on the 82-year simulation period

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



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

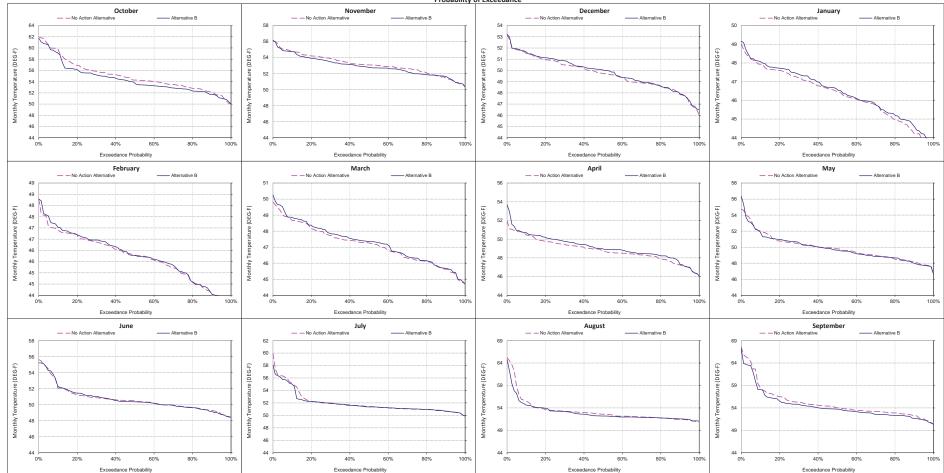


Table SQ-02-5b Sacramento River below Keswick, Monthly Temperature Probability of Exceedance

Octobe Novembe Decembe January Percent Percent Percent Percent No Action Alternative Alternative B Absolute Relative Exceedance Relative Exceedance Relative Relative Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG.E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% 0.0% 62.0 61.7 -0.3 -0.4% 0.0% 56.1 56.2 0.2% 0.0% 53.2 53.2 0.0 0.0% 49.0 49.2 0.3% 1.2% 61.8 61.1 -0.7 -1.1% 1.2% 56.0 56.0 0.0 0.0% 1.2% 52.8 53.0 0.2 0.5% 1.2% 48.7 49.1 0.4 0.7% 2.5% 61.8 60.8 -1.5% 2.5% 55.7 55.3 -0.8% 2.5% 52.1 52.0 -0.1-0.2% 2.5% 48.5 48.7 0.4% 3.7% 3.7% 61.1 60.7 -0.4 -0.7% 3.7% 55.3 55.2 -0.1 -0.1% 3.7% 51.9 52.0 0.0 0.1% 48.4 48.5 0.1 0.2% 4.9% 60.6 60.5 -0.1 -0.1% 4.9% 55.1 54.9 -0.2 -0.3% 4.9% 51.9 51.9 0.2% 4.9% 48.2 48.3 0.0 0.1% 6.2% 6.2% 6.2% 6.2% 60.0 59.7 -0.3 -0.5% 55.0 54.8 -0.2 -0.3% 51.8 51.9 0.1 0.1% 48.1 48.2 0.1 0.2% 7.4% -0.6% 7.4% -0.2 -0.1 -0.4% 7.4% 7.4% 48.1 48.1 0.0 0.0% 0.1 8.6% 8.6% 8.6% 8.6% 60.0 59.3 -0.6 -1.0% 54.9 54.7 -0.3% 51.7 51.8 0.1% 47 9 48 1 0.3% 9.9% 11.1% 12.3% -1.3% 9.9% 0.0% 0.3% 11.1% 12.3% 58.9 58.7 -0.1 -0.2% 11.1% 54.7 54.7 0.0 0.1% 11.1% 51.5 51.5 0.0 -0.1% 47.9 48.0 0.1 0.1% 13.6% 13.6% 13.6% -16 13.6% 0.4% 58.0 56.4 -2.8% 54.7 54.2 -0 4 -0.8% 51.3 51.4 0.1 0.2% 47.7 47.8 0.2 -2.4% 54.1 16.0% 16.0% 16.0% 16.0% 57.6 56.3 -1.2 -2.2% 54.3 54.1 -0.2 -0.4% 51.2 51.2 0.0 0.0% 47.6 47.8 0.1 0.3% 18.5% 18.5% 54.0 -0.6% 18.5% 0.3% 18.5% 0.1 0.3% 57.0 56.2 -0.8 -1.4% 54.3 -0.3 51.0 51.1 0.1 47.6 47.7 19.8% 21.0% 56.9 56.9 -0.7 -1.0 -1.2% 54.2 54.2 53.9 -0.3 -0.3 19.8% 51.1 51.1 0.2 0.3% 19.8% 21.0% 47.7 47.7 0.1 21.0% 55.9 -1.8% 53.9 -0.6% 50.9 47.6 0.3% 22.2% 23.5% 55.6 55.6 -1.6% -1.4% 22.2% 23.5% 53.9 -0.6% 22.2% 23.5% 22.2% 23.5% 47.7 -0.3 -0.4 0.2 53.8 47.7 47.5 56.3 -0.8 54.2 -0.7% 50.9 51.1 0.2 0.4% 0.4% 24.7% 25.9% -1.1% -1.0% 24.7% 25.9% 24.7% 25.9% 0.3% 24.7% 25.9% 56.2 53.8 -0.3 -0.4 -0.6% 50.9 17.1 47.6 0.2 56.1 55.5 -0.6 54.0 53.7 -0.7% 0.1 47.3 47.5 0.4% 50.8 50.9 27.2% 28.4% 27.2% 28.4% 27.2% 28.4% 55.5 -0.9% 27.2% 53.7 -0.6% 50.7 50.9 47.3 47.5 0.2 55.9 55.3 -1.1% 28.4% 54.0 53.6 -0.4 -0.7% 0.4 0.7% 47.3 47.5 0.2 0.4% -0.6 50.5 50.9 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% -0.6 -0.6 -1.1% -1.1% 53.5 53.4 -0.7% -0.8% 0.7% 17.1 0.2 53.8 47.2 0.3% 50.5 47.3 32.1% 55.6 55.0 -0.6 -1.1% 32.1% 53.8 53.3 -0.8% 32.1% 50.5 50.7 0.2 0.5% 32.1% 47.1 47.3 0.2 0.5% 33.3% -0.7 -1.2% 33.3% 53.6 53.3 -0.3 -0.5% 33.3% 50.4 0.2 0.4% 33.3% 47.3 0.2 0.5% 34.6% 55.6 -0.7 -1.2% 34.6% 53.6 53.3 -0.3 -0.6% 34.6% 50.4 50.5 0.1 0.2% 34.6% 47.0 47.3 0.3 0.6% 35.8% -1.0% 35.8% 35.8% 35.8% 0.1 55.4 53.2 -0.7% 0.1% 47.2 0.3% 37.0% 55.3 -0.5 -1.0% 37.0% 53.5 53.2 -0.3-0.5% 37.0% 50.3 50.4 0.1 0.1% 37.0% 46.9 47.1 0.2 0.4% 38.3% 55.3 -1.0% 38.3% 53.2 38.3% 38.3% 47.1 0.2 0.1% 39.5% 55.3 -0.6 -1.1% 39.5% 53.4 53.2 -0.2 -0.4% 39.5% 50.3 50.3 0.0 0.0% 39.5% 46.8 47.0 0.2 0.5% 40.7% 55.2 54.5 -1.2% 40.7% 53.2 53.2 -0.1 -0.2% 40.7% 50.1 50.3 0.2 0.4% 40.7% 46.8 47.0 0.2 0.4% 42.0% 55.1 54.4 -0.7-1.3% 42.0% 53.2 53.1 -0.2-0.3% 42.0% 50.0 50.2 0.2 0.4% 42.0% 46.7 46.8 0.1 0.2% 0.1% 43.2% 55.0 54.3 -0.6 -1.2% 43.2% 53.2 53.0 -0.2 -0.4% 43.2% 50.0 50.2 0.2 0.4% 43.2% 46.7 46.7 0.1 44.4% 54.3 -0.5 -1.0% 44.4% 53.2 53.0 -0.2 -0.4% 44.4% 50.0 50.2 0.4% 44.4% 46.7 46.7 0.0 0.1% 45.7% 45.7% 45.7% 54.7 54.2 -0.6 -1.0% 53.1 52.9 -0.2 -0.4% 49.9 50.1 0.2 0.4% 45.7% 46.6 46.7 0.1 0.2% 46.9% 54.7 54.1 -1.3% 46.9% 53.1 52.9 -0.2-0.5% 46.9% 49.8 50.1 0.6% 46.9% 46.6 46.7 0.1 0.2% 48.1% 49.4% 54.4 54.0 -0.4 -0.7% 48.1% 53.1 52.9 -0.2 -0.5% 48.1% 49.8 50.1 0.3 0.6% 48.1% 46.6 46.7 0.1 0.3% -0.4-0.7%49.4% 52.8 -0.3-0.5% 49.4% 49.7 0.7% 49.4% 46.5 46.6 0.1 0.3% 50.6% 50.6% 50.6% 50.6% 54.3 53.6 -0.7 -1.3% 53.1 52.8 -0.3 -0.6% 49.7 50.0 0.3 0.6% 46.5 46.5 0.1 0.1% 51.9% 54.2 54.2 53.4 -0.8 -1.5% -1.4% 51.9% 52.7 -0.4-0.7% 49.7 0.3 0.6% 51.9% 53.1% 46.4 46.5 0.1 0.2% 53.1% 53.1% 53.1% -0.4 0.6% 53.4 -0 R 53.1 527 -0.7% 49 7 50.0 46.3 46.4 0.2% 55.6% 56.8% 55.6% 55.6% 55.6% 54.2 53.4 -0.8 -1.5% 53.0 52.7 -0.3 -0.5% 49.6 49.9 0.3 0.5% 46.2 46.3 0.1 0.2% 58.0% 58.0% 58.0% 54.1 53.3 -0.8 -1.4% 52.9 52.7 -0.2 -0.4% 49.5 49.4 -0.1 -0.2% 58.0% 46.1 46.2 0.1 0.2% 60.5% 60.5% 60.5% 54.0 53.2 -0.8 -1.5% 52.9 52.6 -0.3 -0.5% 49.4 49.4 0.0 0.0% 60.5% 46.0 46.1 0.1 0.1% 61.7% -1.4% 61.7% 52.6 63.0% 63.0% 63.0% 63.0% 53.9 53.2 -0.7 -1.3% 52.8 52.6 -0.2 -0.4% 49.0 49.3 0.3 0.6% 46.0 46.0 0.0 0.0% 64.2% 65.4% 53.1 53.1 -1.4% -1.1% 64.2% 65.4% 52.6 52.5 -0.2% -0.4% 64.2% 65.4% 0.7% 64.2% 65.4% 46.0 46.0 0.1 53.7 -0.6 -0.2 49.2 0.3 0.2% 52.7 49.0 45.9 66.7% 67.9% 53.6 53.5 -1.0% -1.0% 66.7% 67.9% 66.7% 67.9% 66.7% 67.9% 53.1 53.0 -0.5 52.5 -n 2 -0.4% 48 9 0.3% 45.9 45.9 0.1 0.2% -0.5 52.7 52.4 -0.2 0.1 -0.6% 48.9 49.1 0.3% 45.8 45.9 0.2% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% -1 2% 523 -0.6% 48 C 45.8 45 Q 0.1 -1.2% 52.2 53.5 -0.6 52.6 -0.4 -0.8% 48.9 49.0 0.1 0.1% 45.7 45.7 0.0% 71.6% 53.4 52.8 -0.6 -1.1% -1.1% 71.6% 52.2 -0.8% 71.6% 48.8 48 9 0.2% 71.6% 45.7 0.0 72.8% 53.4 52.7 -0.6 72.8% 52.5 52.0 -0.5 -1.0% 72.8% 48.8 48.9 0.1 0.2% 72.8% 45.4 45.5 0.1 0.2% -1.2% -1.0% 74.1% 75.3% 74.1% 75.3% 74.1% -1.0% 74.1% 0.1% 45.5 0.1 75.3% 52.0 -0.9% 75.3% 45.3 45.4 0.2% 76.5% 53.1 -0.4 -0.7% 76.5% 52.3 52.0 -0.3 -0.6% 76.5% 48.7 48.8 0.1% 76.5% 45.2 45.3 0.1 0.3% 77.8% -0.6% 77.8% 51.9 -0.3 77.8% 77.8% 0.2 -0.5% 0.0% 45.3 0.4% 79.0% 52.9 -0.4 -0.8% 79.0% 52.2 51.9 -0.3 -0.6% 79.0% 48.7 48.7 0.0 0.1% 79.0% 45.0 45.3 0.3 0.6% 80.2% 52.8 -0.9% 80.2% 51.9 80.2% 48.6 80.2% 52.3 52.1 -0.4% 48.6 -0.1% 44.9 0.5% 81.5% 52.8 52.3 -0.5 -0.9% 81.5% 51.9 51.8 -0.2% 81.5% 48.5 48.5 0.1% 81.5% 44.9 45.2 0.2 0.5% 82.7% 82.7% 52.7 52.3 -0.9% 82.7% 51.8 -0.1% 48.4 48.5 0.0 0.1% 82.7% 44.9 45.0 0.1 0.3% 84.0% 52.7 52.3 -0.5 -0.9% 84.0% 51.8 51.8 0.0% 84.0% 48.4 48.5 0.1% 84.0% 44.8 45.0 0.1 0.3% 85.2% 52.5 52.2 -0.3 -0.6% 85.2% 51.7 51.8 0.1 0.1% 85.2% 48.4 48.3 -0.1 -0.1% 85.2% 44.7 45.0 0.2 0.5% 86.4% 52.4 52.2 -0.4% 86.4% 51.7 0.0% 86.4% 48.3 48.1 -0.4% 86.4% 44.7 44.9 0.2 0.5% 87.7% 52.3 52.0 -0.3 -0.5% 87.7% 51.6 51.7 0.1 0.3% 87.7% 48.2 48 1 -0.1 -0.2% 87.7% 44.5 44 9 0.4 0.9% 88.9% 52.2 51.8 -0.4 -0.8% 88.9% 51.6 51.7 0.2% 88.9% 48.0 48.1 0.1 0.1% 88.9% 44.8 0.4 0.8% 90.1% 52.2 51.7 -0.4 -0.9% 90.1% 51.4 51.6 0.2 0.4% 90.1% 47.8 47.9 0.1 0.1% 90.1% 44.2 44.6 0.4 0.8% 91.4% 51.7 51.5 -0.3% 91.4% 51.5 51.3 91.4% 47.8 91.4% 44.2 44.4 0.2 91.4% 92.6% 92.6% 51.6 -0.1 -0.2% 51.3 0.0 0.1% 47.8 47.7 0.0 -0.1% 92.6% 44.2 44.4 0.4% 93.8% 51.1 47.5 93.8% 44.2 0.2 51.6 51.1 -0.5-1.0% 93.8% 51.0 0.1 0.2% 93.8% 47.5 0.0 -0.1% 44.0 0.5% 95.1% 95.1% 95.1% 95.1% 51.5 51.0 -0.5 -1.0% 50.9 50.9 -0.1 -0.1% 47.0 47.3 0.3 0.6% 43.9 44.2 0.3 0.7% 96.3% 50.9 -0.2% 96.3% 50.8 50.9 0.2% 96.3% 97.5% 46.9 0.0 0.0% 96.3% 97.5% 43.8 44.0 0.2 0.4% 97.5% 97.5% -0.1% 0.2% 50.6 50.8 0.2 0.4% 50.8 50.7 -0.1 46.7 46.8 0.2 0.3% 43.7 43.8 0.6% 0.3% 98.8% 100.0% 100.0% 100.0% 100.0% 50.0 50.0 0.0 0.1% 50.5 50.3 -0.3% 46.0 46.5 0.5 1.1% 42.1 42.1 0.0 0.0%

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

		February					March					April					May		
Percent	No Action Alternative	Alternative B	Absolute		Percent	No Action Alternative	Alternative B	Absolute		Percent	No Action Alternative	Alternative B	Absolute		Percent	No Action Alternative	Alternative B	Absolute	
Exceedance			Difference	Relative	Exceedance			Difference	Relative	Exceedance			Difference	Relative	Exceedance			Difference	Relative
Probability		Monthly Temperature	(DEG-F)	Difference (%)	Probability		Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	48.3	48.3	0.0	0.0%	0.0%	49.8	50.3	0.4	0.9%	0.0%	52.0	53.7	1.7	3.3%	0.0%	54.7	56.4	1.6	3.0%
1.2%	47.6	48.2	0.6	1.2%	1.2%	49.6	49.9	0.2	0.4%	1.2%	51.1	52.9	1.8	3.5%	1.2%	54.6	55.4	0.7	1.4%
2.5%	47.6	47.6	0.1	0.2%	2.5%	49.5	49.7	0.2	0.4%	2.5%	51.1	51.6	0.5	1.0%	2.5%	54.0	53.7	-0.2	-0.4%
3.7%	47.6	47.6	0.0	0.1%	3.7%	49.3	49.6	0.3	0.7%	3.7%	50.9	51.4	0.4	0.9%	3.7%	53.8	53.2	-0.6	-1.2%
4.9%	47.1	47.5	0.4	0.9%	4.9%	49.0	49.5	0.5	1.0%	4.9%	50.8	50.9	0.1	0.2%	4.9%	53.4	53.1	-0.3	-0.6%
6.2%	47.0	47.3	0.2	0.5%	6.2%	48.9	49.2	0.3	0.5%	6.2%	50.8	50.9	0.1	0.2%	6.2%	52.8	52.8	-0.1	-0.1%
7.4%	47.0	47.2	0.2	0.4%	7.4%	48.9	48.9	0.0	-0.1%	7.4%	50.8	50.8	0.0	0.0%	7.4%	52.3	52.2	-0.1	-0.2%
8.6%	47.0	47.2	0.2	0.4%	8.6%	48.9	48.9	0.0	0.0%	8.6%	50.8	50.7	0.0	-0.1%	8.6%	52.1	52.1	0.0	0.0%
9.9%	46.9	47.0	0.1	0.3%	9.9%	48.7	48.9	0.2	0.4%	9.9%	50.4	50.7	0.3	0.5%	9.9%	52.0	51.9	-0.1	-0.2%
11.1%	46.8	47.0	0.2	0.4%	11.1%	48.7	48.8	0.1	0.3%	11.1%	50.4	50.5	0.1	0.2%	11.1%	51.9	51.3	-0.6	-1.1%
12.3%	46.8	46.9	0.1	0.2%	12.3%	48.6	48.8	0.2	0.3%	12.3%	50.3	50.5	0.2	0.3%	12.3%	51.8	51.3	-0.5	-1.0%
13.6%	46.8	46.9	0.1	0.2%	13.6%	48.6	48.7	0.1	0.3%	13.6%	50.3	50.4	0.2	0.3%	13.6%	51.6	51.2	-0.4	-0.8%
14.8%	46.8	46.9	0.1	0.2%	14.8%	48.6	48.7	0.2	0.3%	14.8%	50.0	50.4	0.4	0.8%	14.8%	51.6	51.1	-0.4	-0.9%
16.0%	46.8	46.8	0.0	0.1%	16.0%	48.5	48.6	0.1	0.2%	16.0%	49.9	50.4	0.5	1.0%	16.0%	51.1	51.1	-0.1	-0.1%
17.3%	46.7	46.8	0.0	0.1%	17.3%	48.5	48.6	0.1	0.2%	17.3%	49.9	50.4	0.5	1.0%	17.3%	51.0	51.0	0.1	0.2%
18.5%	46.7	46.8	0.0	0.1%	18.5%	48.4	48.4	0.0	0.0%	18.5%	49.8	50.2	0.4	0.8%	18.5%	50.8	51.0	0.2	0.4%
19.8%	46.7	46.7	0.0	0.0%	19.8%	48.2	48.4	0.2	0.5%	19.8%	49.8	50.2	0.5	0.9%	19.8%	50.8	51.0	0.2	0.4%
21.0%	46.5	46.7	0.1	0.3%	21.0%	48.1	48.3	0.1	0.3%	21.0%	49.7	50.1	0.4	0.8%	21.0%	50.8	50.9	0.2	0.3%
22.2%	46.5	46.6	0.1	0.2%	22.2%	48.1	48.2	0.2	0.4%	22.2%	49.7	50.1	0.4	0.7%	22.2%	50.7	50.9	0.2	0.3%
23.5%	46.5	46.6	0.1	0.2%	23.5%	48.0	48.2	0.2	0.4%	23.5%	49.7	50.0	0.3	0.6%	23.5%	50.6	50.8	0.1	0.3%
24.7%	46.5	46.6	0.1	0.1%	24.7%	48.0	48.2	0.2	0.4%	24.7%	49.6	50.0	0.3	0.7%	24.7%	50.6	50.8	0.2	0.3%
25.9%	46.4	46.5	0.0	0.1%	25.9%	48.0	48.1	0.1	0.3%	25.9%	49.5	49.9	0.4	0.8%	25.9%	50.6	50.7	0.2	0.3%
27.2%	46.4	46.5	0.0	0.1%	27.2%	47.8	48.1	0.3	0.6%	27.2%	49.5	49.9	0.4	0.8%	27.2%	50.5	50.7	0.1	0.3%
28.4%	46.4	46.5	0.1	0.1%	28.4%	47.8	47.9	0.1	0.3%	28.4%	49.5	49.8	0.4	0.7%	28.4%	50.5	50.7	0.2	0.3%
29.6%	46.4	46.5	0.1	0.2%	29.6%	47.7	47.9	0.1	0.3%	29.6%	49.5	49.8	0.3	0.6%	29.6%	50.4	50.6	0.2	0.4%
30.9%	46.4	46.5	0.1	0.2%	30.9%	47.7	47.8	0.1	0.2%	30.9%	49.4	49.8	0.4	0.8%	30.9%	50.4	50.4	0.0	0.0%
32.1%	46.3	46.4	0.1	0.2%	32.1%	47.6	47.8	0.2	0.5%	32.1%	49.4	49.7	0.3	0.7%	32.1%	50.3	50.3	-0.1	-0.1%
33.3%	46.3	46.4	0.1	0.2%	33.3%	47.6	47.8	0.2	0.4%	33.3%	49.3	49.7	0.3	0.7%	33.3%	50.3	50.2	-0.1	-0.1%
34.6%	46.2	46.4	0.1	0.3%	34.6%	47.5	47.7	0.2	0.5%	34.6%	49.3	49.6	0.4	0.7%	34.6%	50.3	50.2	-0.1	-0.2%
35.8%	46.2	46.3	0.1	0.2%	35.8%	47.5	47.7	0.2	0.4%	35.8%	49.3	49.5	0.2	0.5%	35.8%	50.3	50.2	-0.1	-0.2%
37.0%	46.2	46.2	0.1	0.1%	37.0%	47.5	47.7	0.2	0.5%	37.0%	49.2	49.5	0.3	0.5%	37.0%	50.2	50.1	-0.1	-0.1%
38.3%	46.1	46.2	0.1	0.1%	38.3%	47.4	47.7	0.2	0.5%	38.3%	49.2	49.4	0.3	0.5%	38.3%	50.1	50.1	0.0	0.0%
39.5%	46.1	46.2	0.1	0.3%	39.5%	47.4	47.6	0.1	0.3%	39.5%	49.2	49.4	0.3	0.5%	39.5%	50.0	50.0	0.0	0.1%
40.7%	46.0	46.1	0.1	0.2%	40.7%	47.4	47.5	0.1	0.2%	40.7%	49.0	49.4	0.4	0.8%	40.7%	50.0	50.0	0.0	0.1%
42.0%	46.0	46.1	0.1	0.1%	42.0%	47.4	47.5	0.1	0.2%	42.0%	49.0	49.3	0.3	0.7%	42.0%	49.9	50.0	0.0	0.0%
43.2%	46.0	46.0	0.0	0.1%	43.2%	47.4	47.5	0.1	0.2%	43.2%	49.0	49.2	0.2	0.4%	43.2%	49.9	49.9	0.0	-0.1%
44.4%	45.9	45.9	0.1	0.1%	44.4%	47.3	47.4	0.1	0.2%	44.4%	49.0	49.2	0.2	0.5%	44.4%	49.9	49.9	-0.1	-0.1%
45.7%	45.9	45.9	0.1	0.1%	45.7%	47.3	47.4	0.1	0.2%	45.7%	48.9	49.1	0.1	0.2%	45.7%	49.9	49.8	-0.1	-0.1%
46.9%	45.9	45.8	-0.1	-0.1%	46.9%	47.3	47.4	0.1	0.2%	46.9%	48.9	49.0	0.1	0.2%	46.9%	49.9	49.8	-0.1	-0.2%
48.1%	45.8	45.8	0.0	-0.1%	48.1%	47.3	47.4	0.1	0.2%	48.1%	48.9	49.0	0.1	0.2%	48.1%	49.8	49.7	-0.2	-0.3%
49.4%	45.8	45.8	0.0	-0.1%	49.4%	47.3	47.4	0.1	0.2%	49.4%	48.8	49.0	0.2	0.4%	49.4%	49.8	49.6	-0.2	-0.3%
50.6%	45.8	45.8	0.0	0.0%	50.6%	47.2	47.3	0.1	0.2%	50.6%	48.7	48.9	0.2	0.5%	50.6%	49.8	49.6	-0.2	-0.4%
51.9%	45.8	45.7	0.0	-0.1%	51.9%	47.2	47.3	0.1	0.3%	51.9%	48.6	48.9	0.3	0.6%	51.9%	49.8	49.5	-0.2	-0.4%
53.1%	45.8	45.7	0.0	-0.1%	53.1%	47.2	47.3	0.2	0.3%	53.1%	48.6	48.9	0.3	0.7%	53.1%	49.6	49.5	-0.1	-0.1%
54.3%	45.7	45.7	0.0	-0.1%	54.3%	47.2	47.3	0.1	0.3%	54.3%	48.6	48.9	0.3	0.6%	54.3%	49.6	49.5	-0.1	-0.1%
55.6%	45.7	45.7	0.0	-0.1%	55.6%	47.0	47.3	0.2	0.5%	55.6%	48.5	48.9	0.4	0.7%	55.6%	49.6	49.5	-0.1	-0.2%
56.8%	45.7	45.7	0.0	0.0%	56.8%	47.0	47.2	0.2	0.5%	56.8%	48.5	48.9	0.4	0.7%	56.8%	49.5	49.4	-0.1	-0.3%
58.0%	45.6	45.7	0.1	0.2%	58.0%	47.0	47.2	0.2	0.5%	58.0%	48.5	48.9	0.4	0.7%	58.0%	49.5	49.3	-0.2	-0.4%
59.3%	45.6	45.6	0.0	0.1%	59.3%	46.9	47.2	0.3	0.7%	59.3%	48.5	48.9	0.3	0.7%	59.3%	49.4	49.3	-0.1	-0.3%
60.5%	45.5	45.6	0.1	0.1%	60.5%	46.8	47.1	0.3	0.7%	60.5%	48.5	48.8	0.3	0.6%	60.5%	49.3	49.1	-0.2	-0.4%
61.7%	45.5	45.6	0.1	0.1%	61.7%	46.7	46.8	0.0	0.1%	61.7%	48.5	48.7	0.2	0.5%	61.7%	49.2	49.1	-0.1	-0.2%
63.0%	45.5	45.5	0.0	0.1%	63.0%	46.7	46.8	0.1	0.1%	63.0%	48.4	48.7	0.2	0.5%	63.0%	49.2	49.1	-0.1	-0.2%
64.2%	45.5	45.5	0.0	0.1%	64.2%	46.7	46.7	0.0	0.0%	64.2%	48.4	48.6	0.2	0.4%	64.2%	49.1	49.0	-0.1	-0.1%
65.4%	45.4	45.5	0.1	0.2%	65.4%	46.7	46.7	0.0	0.0%	65.4%	48.4	48.6	0.2	0.3%	65.4%	49.1	49.0	-0.1	-0.3%
66.7%	45.3	45.4	0.1	0.2%	66.7%	46.6	46.6	0.1	0.1%	66.7%	48.4	48.5	0.2	0.3%	66.7%	49.1	48.9	-0.1	-0.3%
67.9%	45.3	45.4	0.1	0.2%	67.9%	46.4	46.6	0.2	0.5%	67.9%	48.4	48.5	0.1	0.3%	67.9%	49.1	48.9	-0.1	-0.2%
69.1%	45.2	45.4	0.2	0.3%	69.1%	46.4	46.5 46.4	0.1	0.2%	69.1%	48.3	48.5 48.5	0.1	0.3%	69.1%	49.0 48.9	48.8 48.8	-0.2	-0.4%
70.4%	45.2	45.3	0.1	0.2%	70.4%	46.3		0.1	0.2%	70.4%	48.3		0.2	0.3%	70.4%			-0.1	-0.2%
71.6%	45.2 45.1	45.2 45.1	0.0	0.0%	71.6% 72.8%	46.3 46.3	46.4 46.3	0.1 0.1	0.2%	71.6%	48.3 48.3	48.5 48.4	0.2	0.4%	71.6% 72.8%	48.9 48.9	48.8 48.8	-0.1 0.0	-0.1%
72.8%		45.1 45.1	0.0				46.3 46.3	0.1	0.2%	72.8%		48.4 48.4				48.9 48.8	48.8 48.8		-0.1%
74.1% 75.3%	45.0 45.0	45.1 45.0	0.1	0.2%	74.1% 75.3%	46.2 46.2	46.3 46.3	0.1	0.3%	74.1% 75.3%	48.2 48.2	48.4 48.4	0.2	0.5%	74.1% 75.3%	48.8 48.8	48.8 48.7	-0.1 -0.1	-0.1% -0.1%
75.3% 76.5%	45.0 44.9	45.0 45.0	0.1	0.1%	75.3% 76.5%	46.2 46.2	46.3 46.2	0.1	0.3%	75.3% 76.5%	48.2 48.1	48.4 48.4	0.2	0.5%	75.3% 76.5%	48.8 48.8	48.7	-0.1	-0.1%
	44.9 44.9	45.0 44.9	0.1			46.2 46.1	46.2 46.2	0.0			48.1 48.1	48.4 48.4	0.2	0.5%	76.5%	48.8 48.8	48.7		
77.8% 79.0%	44.9 44.6	44.9 44.7	0.0	0.1%	77.8% 79.0%	46.1 46.1	46.2 46.2	0.0	0.1% 0.1%	77.8% 79.0%	48.1 47.9	48.4 48.3	0.2	0.5%	77.8%	48.8 48.6	48.7	0.0 0.1	0.0%
	44.6 44.6						46.2 46.2					48.3 48.2							
80.2% 81.5%	44.6 44.5	44.6 44.5	0.0	-0.1% -0.1%	80.2% 81.5%	46.1 46.1	46.2 46.1	0.1	0.1% 0.1%	80.2% 81.5%	47.9 47.8	48.2 48.2	0.3	0.6%	80.2% 81.5%	48.5 48.5	48.7 48.6	0.2	0.4%
82.7%	44.5	44.5	0.0	-0.1%	82.7%	46.0	46.1	0.0	0.1%	82.7%	47.8	48.2	0.4	0.8%	82.7%	48.4	48.5	0.2	0.4%
84.0%	44.5	44.5	0.0	-0.1%	84.0%	45.9	45.9	0.0	-0.1%	84.0%	47.7	48.0	0.4	0.8%	84.0%	48.3	48.4	0.1	0.1%
85.2%	44.3	44.5 44.4	0.0	0.1%	85.2%	45.8 45.8	45.8 45.8	0.0	0.1%	85.2%	47.6	48.0	0.4	0.8%	85.2%	48.3	48.4	0.1	0.2%
86.4%	44.3	44.4	0.0	0.1%	86.4%	45.7	45.8	0.0	0.1%	86.4%	47.4	48.0	0.4	1.2%	86.4%	48.3	48.3	0.0	-0.1%
85.4%	44.3 44.2	44.4 44.3	0.1	0.2%	85.4% 87.7%	45.7 45.7	45.8 45.7	0.0	0.1%	87.7%	47.4 47.4	48.0 47.9	0.6	1.2%	85.4% 87.7%	48.3 48.3	48.3 48.3	0.0	-0.1%
88.9%	44.2	44.3	0.0	0.3%	88.9%	45.7 45.6	45.7	0.0	0.0%	88.9%	47.4	47.9	0.5	0.9%	88.9%	48.2	46.3 48.1	-0.1	
90.1%	44.2 44.0	44.2 44.0	0.0	0.0%	90.1%	45.6 45.6	45.7 45.7	0.1	0.1%	90.1%	47.3 47.2	47.7	0.4	0.9%	90.1%	48.2 48.2	48.1 48.0	-0.1	-0.3% -0.5%
90.1%	44.0 44.0	44.0	0.0	0.1%	90.1%	45.6 45.6	45.7 45.6	0.1	0.1%	90.1%	47.2 47.1	47.3	0.1	0.1%	90.1%	48.2 48.1	48.0 47.9	-0.2	-0.5%
92.6% 93.8%	44.0 43.9	44.0 44.0	0.0	-0.1% 0.1%	92.6% 93.8%	45.4 45.4	45.6 45.4	0.2	0.4%	92.6% 93.8%	47.1 47.0	47.1 47.0	-0.1 0.0	-0.1% 0.1%	92.6% 93.8%	47.9 47.8	47.8 47.8	-0.1 0.0	-0.3% 0.0%
95.1%	43.9	44.0	0.1	0.1%	95.1%	45.4 45.3	45.4 45.4	0.0	0.0%	95.1%	47.0	47.0 47.0	0.0	0.1%	95.1%	47.8 47.8	47.8 47.7	-0.1	-0.1%
96.3%	43.6	43.6	0.0	-0.1%	96.3%	45.0	45.4 45.0	0.0	0.0%	95.1%	46.6	46.6	0.0	-0.1%	96.3%	47.8	47.7	-0.1	-0.1%
96.3%	43.6 43.6	43.6	0.0	-0.1% -0.1%	96.3%	45.0 44.8	45.0 45.0	0.0	0.0%	96.3% 97.5%	46.6 46.4	46.6 46.4	0.0	-0.1%	96.3%	47.8 47.7	47.7	-0.1	-0.1%
97.5%	43.6	43.6	0.0	-0.1% 0.0%	97.5%	44.8 44.8	45.0 44.9	0.1	0.3%	97.5%	46.4 46.3	46.4 46.4	0.0	0.0%	97.5%	47.7 47.6	47.6 47.6	-0.1 0.0	-0.1%
100.0%	43.4	43.4	0.0	-0.1%	100.0%	44.7	44.9	0.0	0.1%	100.0%	46.0	46.0	0.0	0.2%	100.0%	46.6	46.7	0.0	0.1%
100.0%	٦٥.١	٦٥.١	0.0	-0.170	100.0%	74.7	74.7	0.0	0.070	100.0%	40.0	40.0	0.0	0.070	100.0%	70.0	70.7	U. I	U. 170

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

August

September

Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedan		Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative
Probability		Monthly Temperature	(DEG-F)	Difference (%)	Probability		Monthly Temperature	(DEG-F)	Difference (%)	Probabilit			(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F) 55.6	(DEG-F) 55.2	-0.4	-0.7%	(%) 0.0%	(DEG-F) 59.9	(DEG-F) 58.1	-1.8	-3.1%	0.0%	(DEG-F) 65.2	(DEG-F) 64.8	-0.4	-0.6%	(%) 0.0%	(DEG-F) 67.6	(DEG-F) 67.2	-0.4	-0.5%
0.0% 1.2%	55.5	55.2 55.2	-0.4	-0.5%	1.2%	59.9	56.6	-0.8	-3.1%	1.2%	64.5	62.2	-0.4	-3.6%	1.2%	65.9	63.9	-2.0	-3.0%
2.5%	55.0	55.1	0.1	0.1%	2.5%	56.5	56.4	-0.1	-0.2%	2.5%	63.6	59.4	-4.2	-6.7%	2.5%	65.4	63.7	-1.6	-2.5%
3.7%	54.8	54.8	0.0	0.0%	3.7%	56.4	56.2	-0.2	-0.3%	3.7%	62.3	57.8	-4.5	-7.2%	3.7%	65.1	63.5	-1.6	-2.4%
4.9%	54.5	54.2	-0.2	-0.4%	4.9%	56.3	55.8	-0.6	-1.0%	4.9%	58.7	57.2	-1.5	-2.6%	4.9%	64.3	63.5	-0.8	-1.3%
6.2% 7.4%	53.9 53.5	54.2 53.8	0.3	0.6%	6.2% 7.4%	56.2 55.9	55.8 55.5	-0.4 -0.4	-0.7% -0.7%	6.2% 7.4%	57.0 55.9	55.6 55.2	-1.4 -0.7	-2.4% -1.3%	6.2% 7.4%	62.7 62.6	62.0 59.9	-0.7 -2.7	-1.1% -4.3%
7.4% 8.6%	53.5	53.8	-0.1	-0.1%	7.4% 8.6%	55.9 55.4	55.5 55.2	-0.4	-0.7%	8.6%	55.9 55.7	55.2 55.0	-0.7	-1.4%	7.4% 8.6%	52.b 59.4	59.9 58.1	-2.7	-4.3% -2.3%
9.9%	52.1	52.3	0.2	0.4%	9.9%	55.2	55.0	-0.1	-0.2%	9.9%	55.5	54.6	-0.9	-1.6%	9.9%	58.5	58.1	-0.5	-0.8%
11.1%	52.1	52.1	0.0	0.1%	11.1%	54.8	54.7	-0.2	-0.3%	11.1%	55.3	54.5	-0.7	-1.3%	11.1%	58.0	58.0	0.0	0.0%
12.3%	52.0	52.1	0.1	0.2%	12.3%	54.6	52.7	-1.9	-3.5%	12.3%	54.8	54.5	-0.3	-0.5%	12.3%	57.8	56.8	-1.0	-1.7%
13.6% 14.8%	51.9 51.8	52.0 51.9	0.1	0.1%	13.6%	53.7	52.6 52.5	-1.2	-2.2%	13.6% 14.8%	54.4 54.1	54.2 54.1	-0.2	-0.4% 0.0%	13.6%	57.3 57.2	56.4 56.3	-0.9	-1.5%
16.0%	51.6	51.7	0.1	0.1%	14.8% 16.0%	53.1 52.8	52.5	-0.6 -0.4	-1.0% -0.7%	16.0%	54.0	54.1	0.0	0.2%	14.8% 16.0%	57.2 57.1	56.2	-0.9 -1.0	-1.6% -1.7%
17.3%	51.4	51.6	0.2	0.3%	17.3%	52.5	52.3	-0.2	-0.5%	17.3%	53.9	54.1	0.1	0.2%	17.3%	56.8	56.1	-0.7	-1.2%
18.5%	51.4	51.5	0.1	0.3%	18.5%	52.3	52.2	-0.1	-0.2%	18.5%	53.9	54.0	0.1	0.2%	18.5%	56.7	56.0	-0.6	-1.1%
19.8%	51.2	51.4	0.3	0.5%	19.8%	52.3	52.2	-0.1	-0.1%	19.8%	53.6	53.9	0.3	0.6%	19.8%	56.5	55.6	-0.9	-1.6%
21.0%	51.2 51.1	51.4 51.4	0.3	0.6%	21.0% 22.2%	52.2 52.2	52.2 52.2	0.0	0.0%	21.0% 22.2%	53.6 53.5	53.9 53.3	0.3 -0.2	0.6%	21.0% 22.2%	56.5 56.4	55.2 55.2	-1.3 -1.2	-2.2% -2.2%
23.5%	51.1 51.1	51.4 51.3	0.3	0.8%	23.5%	52.2 52.1	52.2	0.0	0.1%	23.5%	53.5	53.3	-0.2	-0.3%	23.5%	55.8	54.9	-1.2	-2.2% -1.5%
24.7%	51.0	51.2	0.1	0.2%	24.7%	52.1	52.1	0.0	0.0%	24.7%	53.4	53.3	-0.1	-0.3%	24.7%	55.6	54.9	-0.6	-1.1%
25.9%	51.0	51.2	0.2	0.3%	25.9%	52.0	52.1	0.1	0.2%	25.9%	53.4	53.3	-0.1	-0.2%	25.9%	55.5	54.9	-0.6	-1.1%
27.2%	50.9	51.2	0.2	0.4%	27.2%	52.0	52.0	0.0	0.1%	27.2%	53.4	53.3	-0.1	-0.2%	27.2%	55.4	54.8	-0.5	-1.0%
28.4%	50.9	51.0	0.1	0.2%	28.4%	52.0	52.0	0.0	0.1%	28.4%	53.3	53.2	-0.1	-0.2%	28.4%	55.3	54.8	-0.5	-0.9%
29.6% 30.9%	50.9 50.8	51.0 51.0	0.1 0.2	0.3%	29.6% 30.9%	51.9 51.9	52.0 52.0	0.1 0.1	0.2%	29.6% 30.9%	53.3 53.2	53.1 53.1	-0.1 -0.1	-0.2% -0.2%	29.6% 30.9%	55.3 55.3	54.8 54.7	-0.4 -0.6	-0.8% -1.1%
32.1%	50.8	50.9	0.0	0.1%	32.1%	51.9	51.9	0.0	0.0%	32.1%	53.2	53.1	-0.1	-0.2%	32.1%	55.1	54.5	-0.6	-1.0%
33.3%	50.8	50.9	0.0	0.1%	33.3%	51.8	51.8	0.0	0.0%	33.3%	53.2	53.0	-0.1	-0.3%	33.3%	54.9	54.4	-0.5	-0.8%
34.6%	50.8	50.8	0.1	0.1%	34.6%	51.8	51.8	0.0	0.1%	34.6%	53.1	52.8	-0.3	-0.5%	34.6%	54.9	54.4	-0.5	-0.9%
35.8% 37.0%	50.7 50.7	50.8 50.7	0.1	0.1%	35.8% 37.0%	51.8 51.7	51.8 51.8	0.0	0.1%	35.8% 37.0%	53.1 53.0	52.7 52.7	-0.4 -0.4	-0.7% -0.7%	35.8% 37.0%	54.8 54.7	54.4 54.3	-0.4 -0.5	-0.7%
37.0%	50.7	50.7	0.0	0.0%	37.0%	51.7	51.8 51.6	-0.1	-0.2%	38.3%	53.0	52.7 52.6	-0.4	-0.7%	38.3%	54.7 54.7	54.3 54.2	-0.5	-0.9% -1.0%
39.5%	50.6	50.5	-0.1	-0.2%	39.5%	51.7	51.6	-0.1	-0.2%	39.5%	53.0	52.6	-0.4	-0.7%	39.5%	54.6	54.1	-0.5	-1.0%
40.7%	50.6	50.5	-0.1	-0.2%	40.7%	51.7	51.6	-0.1	-0.1%	40.7%	52.9	52.6	-0.4	-0.7%	40.7%	54.6	54.0	-0.6	-1.1%
42.0%	50.5	50.4	-0.1	-0.2%	42.0%	51.6	51.6	0.0	0.0%	42.0%	52.9	52.5	-0.4	-0.8%	42.0%	54.5	53.9	-0.6	-1.1%
43.2%	50.5	50.4	-0.1	-0.3%	43.2%	51.6	51.6	0.0	-0.1%	43.2%	52.9	52.4	-0.5	-0.9%	43.2%	54.4	53.8	-0.6	-1.1%
44.4% 45.7%	50.5 50.5	50.4 50.4	-0.1 -0.1	-0.3% -0.3%	44.4% 45.7%	51.6 51.5	51.5 51.5	-0.1 -0.1	-0.1% -0.1%	44.4% 45.7%	52.8 52.7	52.3 52.3	-0.6 -0.5	-1.1% -0.9%	44.4% 45.7%	54.4 54.4	53.8 53.8	-0.6 -0.6	-1.1% -1.1%
46.9%	50.5	50.4	-0.1	-0.3%	46.9%	51.5	51.4	-0.1	-0.1%	46.9%	52.7	52.2	-0.5	-0.9%	46.9%	54.4	53.8	-0.6	-1.1%
48.1%	50.5	50.4	-0.1	-0.3%	48.1%	51.5	51.4	-0.1	-0.1%	48.1%	52.7	52.2	-0.4	-0.8%	48.1%	54.2	53.7	-0.5	-0.9%
49.4%	50.5	50.4	-0.1	-0.3%	49.4%	51.4	51.4	-0.1	-0.1%	49.4%	52.6	52.2	-0.4	-0.7%	49.4%	54.1	53.7	-0.3	-0.6%
50.6%	50.4	50.3	-0.1	-0.2%	50.6%	51.4	51.4	-0.1	-0.1%	50.6%	52.6	52.2	-0.4	-0.7%	50.6%	54.0	53.7	-0.3	-0.5%
51.9% 53.1%	50.4 50.4	50.3 50.3	-0.1 -0.1	-0.1% -0.1%	51.9% 53.1%	51.4 51.3	51.3 51.3	-0.1 0.0	-0.1% 0.0%	51.9% 53.1%	52.5 52.5	52.2 52.1	-0.3 -0.3	-0.6% -0.7%	51.9% 53.1%	53.9 53.8	53.6 53.4	-0.3 -0.4	-0.6% -0.7%
54.3%	50.3	50.3	0.0	-0.1%	54.3%	51.3	51.3	0.0	0.1%	54.3%	52.5	52.1	-0.4	-0.7%	54.3%	53.8	53.4	-0.4	-0.7%
55.6%	50.3	50.3	0.0	-0.1%	55.6%	51.3	51.3	0.0	0.0%	55.6%	52.4	52.1	-0.3	-0.6%	55.6%	53.7	53.3	-0.4	-0.8%
56.8%	50.3	50.3	0.0	-0.1%	56.8%	51.3	51.3	0.0	0.0%	56.8%	52.2	52.0	-0.2	-0.3%	56.8%	53.7	53.3	-0.4	-0.8%
58.0%	50.3	50.2	0.0	-0.1%	58.0%	51.3	51.3	0.0	0.0%	58.0%	52.2	52.0	-0.2	-0.3%	58.0%	53.6	53.2	-0.3	-0.6%
59.3% 60.5%	50.2 50.2	50.2 50.1	0.0	-0.1% -0.1%	59.3% 60.5%	51.3 51.2	51.2 51.2	0.0	-0.1% 0.1%	59.3% 60.5%	52.2 52.2	52.0 52.0	-0.2 -0.2	-0.3% -0.3%	59.3% 60.5%	53.5 53.5	53.2 53.1	-0.2 -0.3	-0.5% -0.6%
61.7%	50.2	50.1	0.0	-0.1%	61.7%	51.2	51.2	0.0	0.1%	61.7%	52.1	52.0	-0.2	-0.3%	61.7%	53.4	53.0	-0.4	-0.7%
63.0%	50.0	50.0	0.0	0.0%	63.0%	51.1	51.2	0.0	0.0%	63.0%	52.1	52.0	-0.2	-0.3%	63.0%	53.4	52.9	-0.5	-0.9%
64.2%	50.0	50.0	0.0	0.0%	64.2%	51.1	51.1	0.0	0.0%	64.2%	52.1	52.0	-0.1	-0.3%	64.2%	53.4	52.9	-0.4	-0.8%
65.4%	50.0	50.0	0.0	0.0%	65.4%	51.1	51.1	0.0	0.1%	65.4%	52.1	52.0	-0.1	-0.2%	65.4%	53.3	52.9	-0.4	-0.7%
66.7% 67.9%	50.0 49.9	50.0 50.0	0.0	0.1%	66.7% 67.9%	51.1 51.1	51.1 51.1	0.0	0.0% 0.1%	66.7% 67.9%	52.1 52.0	51.9 51.9	-0.1 -0.1	-0.2% -0.2%	66.7% 67.9%	53.3 53.2	52.9 52.8	-0.4 -0.4	-0.7% -0.8%
69.1%	49.9	50.0	0.0	0.0%	69.1%	51.1	51.1	0.0	0.1%	69.1%	52.0	51.9	-0.1	-0.2%	69.1%	53.2	52.6	-0.6	-1.2%
70.4%	49.9	49.9	0.1	0.1%	70.4%	51.0	51.1	0.0	0.1%	70.4%	52.0	51.9	-0.1	-0.2%	70.4%	53.2	52.5	-0.7	-1.3%
71.6%	49.9	49.8	-0.1	-0.1%	71.6%	51.0	51.1	0.0	0.0%	71.6%	52.0	51.9	-0.1	-0.2%	71.6%	53.2	52.5	-0.7	-1.3%
72.8% 74.1%	49.9 49.8	49.8 49.8	-0.1 0.0	-0.2%	72.8% 74.1%	51.0 51.0	51.0 51.0	0.0	0.1%	72.8% 74.1%	51.9 51.9	51.8 51.8	-0.1 -0.1	-0.2% -0.2%	72.8% 74.1%	53.2 53.1	52.5 52.5	-0.6 -0.6	-1.2% -1.1%
74.1% 75.3%	49.8	49.8 49.7	0.0	-0.1%	74.1% 75.3%	51.0	51.0 51.0	0.0	0.0%	74.1% 75.3%	51.9 51.9	51.8 51.8	0.0	0.0%	74.1% 75.3%	53.1	52.5 52.5	-0.6	-1.1%
76.5%	49.7	49.7	-0.1	-0.1%	76.5%	51.0	51.0	0.0	0.0%	76.5%	51.8	51.8	0.0	0.0%	76.5%	53.0	52.4	-0.5	-1.0%
77.8%	49.7	49.6	0.0	-0.1%	77.8%	51.0	51.0	0.0	0.0%	77.8%	51.8	51.8	0.0	0.1%	77.8%	53.0	52.4	-0.6	-1.1%
79.0%	49.7	49.6	0.0	-0.1%	79.0%	51.0	51.0	0.0	0.0%	79.0%	51.8	51.8	0.0	0.0%	79.0%	52.9	52.4	-0.5	-1.0%
80.2%	49.6	49.6	0.0	0.0%	80.2%	50.9	51.0	0.0	0.0%	80.2%	51.8	51.8	0.0	0.0%	80.2%	52.9	52.3	-0.5	-1.0%
81.5% 82.7%	49.6 49.6	49.6 49.5	0.0 -0.1	0.1% -0.1%	81.5% 82.7%	50.9 50.9	50.9 50.9	0.0	0.1%	81.5% 82.7%	51.7 51.7	51.7 51.7	0.0	0.0%	81.5% 82.7%	52.8 52.8	52.3 52.3	-0.5 -0.4	-1.0% -0.8%
84.0%	49.5	49.4	-0.1	-0.1%	84.0%	50.9	50.9	0.0	0.0%	84.0%	51.6	51.7	0.0	0.1%	84.0%	52.6	52.3	-0.3	-0.6%
85.2%	49.5	49.4	-0.1	-0.2%	85.2%	50.8	50.8	-0.1	-0.1%	85.2%	51.6	51.6	0.0	0.0%	85.2%	52.6	52.2	-0.4	-0.8%
86.4%	49.4	49.4	0.0	0.0%	86.4%	50.8	50.8	-0.1	-0.1%	86.4%	51.5	51.6	0.1	0.3%	86.4%	52.6	52.1	-0.5	-0.9%
87.7%	49.4	49.3	0.0	0.0%	87.7%	50.8	50.8	0.0	-0.1%	87.7%	51.4	51.6	0.2	0.3%	87.7%	52.5	52.1	-0.4	-0.7%
88.9% 90.1%	49.3 49.3	49.2 49.1	-0.1 -0.2	-0.3% -0.3%	88.9% 90.1%	50.7 50.6	50.7 50.7	0.1 0.0	0.1% 0.1%	88.9% 90.1%	51.4 51.4	51.6 51.5	0.2 0.1	0.3%	88.9% 90.1%	52.4 52.2	51.7 51.7	-0.7 -0.6	-1.3% -1.1%
91.4%	49.2	49.0	-0.2	-0.3%	91.4%	50.6	50.7	0.0	0.1%	91.4%	51.4	51.5	0.1	0.3%	91.4%	52.2	51.6	-0.6	-1.1%
92.6%	49.1	49.0	-0.1	-0.2%	92.6%	50.6	50.6	0.0	0.0%	92.6%	51.4	51.5	0.1	0.2%	92.6%	51.7	51.5	-0.2	-0.4%
93.8%	49.1	48.9	-0.2	-0.4%	93.8%	50.5	50.5	0.0	0.1%	93.8%	51.3	51.5	0.1	0.3%	93.8%	51.5	51.4	-0.1	-0.2%
95.1%	48.8	48.8	0.0	0.0%	95.1%	50.5	50.5	0.0	0.0%	95.1%	51.2	51.4	0.2	0.4%	95.1%	51.5	51.3	-0.2	-0.5%
96.3% 97.5%	48.7 48.6	48.7 48.5	0.1	0.1% -0.1%	96.3% 97.5%	50.4 50.3	50.4 50.4	0.0	0.0%	96.3% 97.5%	51.1 51.0	51.1 51.1	0.0 0.1	0.1% 0.2%	96.3% 97.5%	51.2 51.1	51.2 50.8	-0.3	0.1% -0.7%
97.5%	48.5 48.5	48.5 48.5	-0.1	-0.1%	97.5%	50.3	50.4	0.1	0.2%	97.5%	51.0 50.9	51.1 51.1	0.1	0.2%	97.5%	51.1 50.5	50.8 50.7	-0.3 0.2	-0.7%
100.0%	48.4	48.4	0.0	0.0%	100.0%	49.9	49.9	0.0	0.1%	100.0%	50.8	51.0	0.2	0.4%	100.0%	50.5	50.3	-0.2	-0.4%

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

					Mon	thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
•				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	55.0	51.6	47.2	45.0	46.0	48.7	51.5	53.4	53.4	54.3	55.4	56.6
Alternative B	54.5	51.5	47.4	45.3	46.0	48.7	51.9	53.4	53.4	54.2	55.1	56.2
Difference	-0.4	-0.2	0.2	0.2	0.0	0.1	0.4	0.0	0.0	-0.1	-0.3	-0.5
Percent Difference ³	-0.8%	-0.3%	0.4%	0.5%	0.0%	0.2%	0.8%	0.0%	0.0%	-0.2%	-0.5%	-0.8%
					ear Types							
Wet (32%)												
No Action Alternative	54.4	52.0	47.3	44.9	45.6	47.7	50.7	53.1	53.2	54.1	54.6	54.6
Alternative B	54.3	51.9	47.7	45.0	45.6	47.8	50.8	52.8	53.0	54.1	54.7	54.5
Difference	-0.1	-0.1	0.3	0.1	0.0	0.1	0.1	-0.3	-0.2	0.1	0.1	-0.1
Percent Difference	-0.2%	-0.2%	0.7%	0.3%	0.0%	0.1%	0.2%	-0.5%	-0.3%	0.1%	0.1%	-0.19
Above Normal (15%)												
No Action Alternative	53.8	51.3	47.7	45.3	46.0	48.9	51.9	53.7	52.5	53.1	54.8	55.4
Alternative B	53.5	51.3	48.0	45.5	46.0	48.9	52.2	53.4	52.6	53.1	54.8	55.4
Difference	-0.2	0.0	0.4	0.2	0.0	0.1	0.3	-0.3	0.1	0.0	0.0	-0.1
Percent Difference	-0.4%	0.0%	0.8%	0.4%	0.0%	0.1%	0.7%	-0.6%	0.2%	-0.1%	-0.1%	-0.1%
Below Normal (17%)												
No Action Alternative	53.5	51.0	47.5	45.0	45.7	48.6	51.9	53.4	53.0	53.5	54.3	56.0
Alternative B	53.2	50.9	47.7	45.2	45.7	48.6	52.4	53.5	53.0	53.5	54.2	55.5
Difference	-0.3	-0.1	0.1	0.2	0.0	0.0	0.5	0.1	0.0	0.0	-0.1	-0.5
Percent Difference	-0.6%	-0.2%	0.3%	0.4%	0.0%	0.1%	1.0%	0.2%	0.0%	0.0%	-0.2%	-0.9%
Dry (22%)												
No Action Alternative	55.3	51.8	47.2	45.1	46.2	49.3	51.8	53.0	53.5	53.8	55.3	57.4
Alternative B	54.5	51.4	47.2	45.5	46.2	49.4	52.5	53.3	53.7	53.8	54.9	56.7
Difference	-0.7	-0.4	0.0	0.4	0.0	0.1	0.7	0.3	0.2	0.0	-0.4	-0.8
Percent Difference	-1.3%	-0.7%	0.0%	0.9%	0.0%	0.3%	1.3%	0.5%	0.4%	-0.1%	-0.7%	-1.3%
Critical (15%)	,	,					,			,		
No Action Alternative	58.8	51.6	46.4	45.1	46.8	49.6	51.7	54.1	55.2	57.3	59.1	61.7
Alternative B	57.6	51.3	46.5	45.3	46.8	49.7	52.4	54.6	55.3	56.7	58.0	60.5
Difference	-1.2	-0.4	0.1	0.2	0.1	0.1	0.8	0.5	0.0	-0.6	-1.1	-1.2
Percent Difference	-2.0%	-0.7%	0.3%	0.5%	0.2%	0.3%	1.5%	0.9%	0.1%	-1.1%	-1.9%	-1.99



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

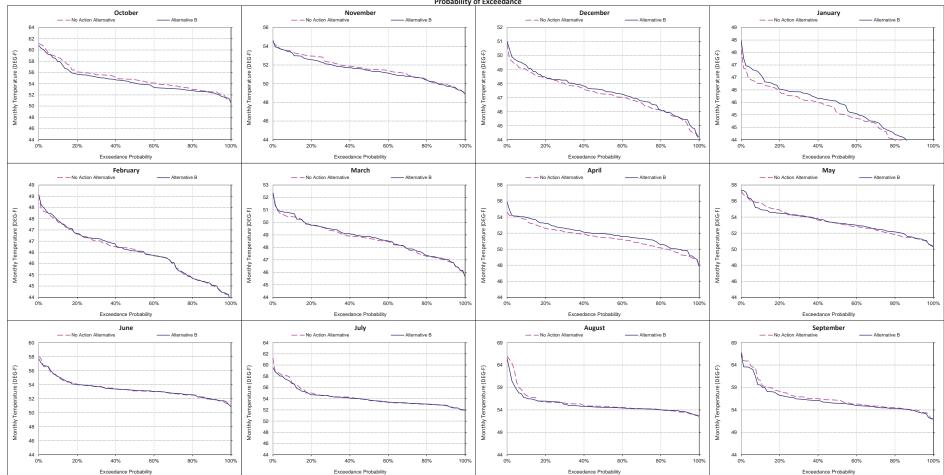


Table SQ-03-5b Sacramento River at Balls Ferry, Monthly Temperature Probability of Exceedance

Octobe Novembe January Percent Percent Percent Percent No Action Alternative Alternative B Absolute Relative Exceedance Relative Relative Relative Exceedance Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG.E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% 0.0% 61.2 60.8 -0.3 -0.5% 0.0% 54.5 0.2% 0.0% 50.9 51.0 0.3% 48.0 0.7% 1.2% 61.0 60.3 -0.7 -1.1% 1.2% 54.1 53.9 -0.2 -0.4% 1.2% 49.7 50.5 0.7 1.5% 1.2% 46.9 47.3 0.4 0.9% 2.5% 60.1 -1.1% 2.5% 54.0 53.9 -0.3% 2.5% 49.6 49.9 0.6% 2.5% 46.8 47.0 0.3% 3.7% 3.7% 60.1 59.6 -0.5 -0.9% 3.7% 53.7 53.7 0.0 0.0% 3.7% 49.4 49.8 0.3 0.7% 46.5 46.9 0.5 1.0% 4.9% 59.5 59.2 -0.2 -0.4% 4.9% 53.7 53.7 0.0 0.0% 4.9% 49.4 49.7 0.3 0.5% 4.9% 46.4 46.9 0.5 1.0% 6.2% 6.2% 6.2% 6.2% 59.1 59.2 0.1 0.2% 53.6 53.6 0.0 0.0% 49.1 49.6 0.4 0.9% 46.4 46.8 0.4 0.9% 7.4% -0.8% 7.4% 53.5 -0.2% 7.4% 49.1 0.4 0.9% 7.4% 46.3 46.8 0.5 1.0% 8.6% 8.6% 8.6% 8.6 · . 9.9% 11.1% 12.3% 8.6% 58.9 58.5 -0.3 -0.6% 53.5 53.4 -0.1 -0.2% 49 1 494 0.3 0.6% 46.3 46.7 1.1% 9.9% -1.2% 0.0% 0.6% 11.1% 12.3% 58.6 57.9 -0.7 -1.1% 11.1% 53.3 53.0 -0.3 -0.6% 11.1% 48.9 49.1 0.2 0.5% 46.2 46.5 0.3 0.6% 13.6% 13.6% 13.6% -0.4% 0.3% 57.9 56.7 -11 -2.0% 53.2 53.0 -0 2 48.7 48 9 0.2 0.3% 46.2 46.3 0.2 16.0% 16.0% 16.0% 16.0% 57.3 56.2 -1.0 -1.8% 53.1 52.7 -0.3 -0.6% 48.5 48.7 0.2 0.3% 46.1 46.3 0.2 0.4% 18.5% 18.5% -0.7% 18.5% 0.1% 18.5% 0.1 0.3% 56.4 55.8 -0.7 -1.2% 53.0 52.6 -0.4 48.5 48.5 0.0 46.0 46.2 19.8% 21.0% 56.1 56.1 55.7 55.6 -0.4 -0.4 -0.7% -0.8% 19.8% 52.6 52.5 -0.4 -0.4 19.8% 0.1 19.8% 21.0% 0.1 52.9 -0.8% 48.4 48.4 0.0% 45.9 46.0 0.4% 22.2% 23.5% 55.6 55.6 -0.7% -0.7% 22.2% 23.5% 52.5 -0.8% 22.2% 23.5% 22.2% 23.5% 0.1 -0.4 52.4 -0.4 0.0 56.0 52.9 -0.8% 48.4 48.3 -0.1% 45.8 46.0 0.4% 24.7% 25.9% -0.7% 24.7% 25.9% 24.7% 25.9% 0.1% 24.7% 25.9% 55.9 52.3 -0.5 -0.6 48.2 48.3 45.8 45.9 0.2 0.4% 55.9 55.4 -0.5 52.8 52.3 -1.1% 48.3 0.1 0.4% 48.2 45.8 45.9 27.2% 28.4% 27.2% 28.4% 27.2% 28.4% 55.8 55.4 -0.8% 27.2% 52.4 52.1 -0.5% 48 1 48 3 45.8 45.9 0.2 55.8 55.3 -0.6 -1.0% 28.4% 52.3 52.1 -0.3 -0.5% 48.1 0.2 0.4% 0.2 0.4% 48.3 45.7 45.9 29.6% 30.9% -0.6% 29.6% 30.9% 29.6% 30.9% 0.4% 29.6% 30.9% 55.6 55.6 -0.3 -0.5 -0.2 -0.3 -0.5% -0.5% 0.2 45.9 45.9 0.2 0.5% 47.9 45.6 32.1% 55.6 55.0 -0.5 -1.0% 32.1% 52.2 51.9 -0.2 -0.5% 32.1% 47.9 48.0 0.2 0.4% 32.1% 45.6 45.9 0.3 0.6% 33.3% 55.6 -1.0% 33.3% 51.9 -0.3 -0.5% 33.3% 47.8 0.2 0.4% 33.3% 45.9 0.3 0.6% 34.6% 55.5 -0.6 -1.0% 34.6% 52.0 51.8 -0.2 -0.4% 34.6% 47.8 48.0 0.2 0.4% 34.6% 45.6 45.8 0.3 0.6% 35.8% -1.2% 35.8% 51.8 -0.2 35.8% 0.1 35.8% 0.2 55.5 -0.3% 0.3% 45.8 0.5% 37.0% 55.4 -0.6 -1.1% 37.0% 51.9 51.8 -0.2-0.3% 37.0% 47.8 47.9 0.2% 37.0% 45.6 45.7 0.2 0.4% 38.3% 55.4 -1.1% 38.3% 51.7 38.3% 47.7 47.9 38.3% 45.7 0.2 39.5% 55.2 54.7 -0.5 -0.8% 39.5% 51.9 51.7 -0.2 -0.3% 39.5% 47.7 47.8 0.1 0.3% 39.5% 45.5 45.7 0.2 0.4% 40.7% 55.0 54.6 -0.3 -0.6% 40.7% 51.9 51.7 -0.2 -0.3% 40.7% 47.6 47.8 0.2 0.5% 40.7% 45.5 45.7 0.2 0.4% 0.2 42.0% 54.9 54.6 -0.2-0.4% 42.0% 51.8 51.6 -0.2-0.4% 42.0% 47.5 47.7 0.2 0.3% 42.0% 45.5 45.6 0.4% 0.5% 43.2% 54.8 54.6 -0.3 -0.5% 43.2% 51.8 51.6 -0.2 -0.3% 43.2% 47.5 47.7 0.2 0.4% 43.2% 45.4 45.6 0.2 44.4% -0.3 -0.6% 44.4% 51.7 51.6 -0.3% 44.4% 47.4 47.6 0.4% 44.4% 45.4 45.6 0.2 0.5% 45.7% 45.7% 45.7% 54.8 54.4 -0.4 -0.7% 51.7 51.6 -0.2 -0.3% 47.4 47.6 0.2 0.4% 45.7% 45.4 45.6 0.2 0.5% 46.9% 54.8 54.3 -0.8% 46.9% 51.6 51.6 -0.1% 46.9% 47.3 47.6 0.3 0.6% 46.9% 45.3 45.6 0.2 0.5% 48.1% 49.4% 54.8 54.2 -0.6 -1.1% 48.1% 51.6 51.5 -0.1 -0.2% 48.1% 47.3 47.6 0.3 0.6% 48.1% 45.3 45.6 0.2 0.5% -0.6-1.1% 49.4% 51.4 -0.2% 49.4% 47.3 47.6 0.3 0.7% 49.4% 45.1 45.6 0.4 1.0% 50.6% 50.6% 50.6% 54.7 54.0 -0.6 -1.1% 51.5 51.4 -0.2 -0.3% 47.3 47.5 0.2 0.5% 50.6% 45.1 45.5 0.4 0.9% -1.2% -1.2% -1.1% 51.9% -0.7 51.9% 51.3 51.3 -0.2 -0.2 -0.4% 47.2 0.2 0.4% 51.9% 53.1% 45.0 45.4 0.4 0.9% 53.1% 53.1% 53.1% 54.5 53.9 -0.6 51.5 -0.4% 47.2 474 0.4% 45.0 45.4 0.9% 55.6% 56.8% 55.6% 55.6% 55.6% 54.3 53.8 -0.5 -0.9% 51.5 51.3 -0.2 -0.4% 47.1 47.4 0.3 0.5% 45.0 45.1 0.2 0.4% 56.8% 58.0% 58.0% 58.0% 54.1 53.8 -0.4 -0.7% 51.5 51.2 -0.3 -0.5% 47.0 47.3 0.2 0.5% 58.0% 44.9 45.1 0.2 0.4% 60.5% 60.5% 60.5% 54.1 53.3 -0.8 -1.5% 51.4 51.1 -0.3 -0.5% 47.0 47.2 0.2 0.5% 60.5% 44.8 45.0 0.2 0.4% 61.7% -1.2% 61.7% 45.0 63.0% 63.0% 53.9 63.0% 63.0% 0.1 53.2 -0.7 -1.2% 51.2 51.0 -0.3 -0.5% 46.9 47.1 0.2 0.4% 44.8 45.0 0.3% 64.2% 65.4% 53.2 53.2 -0.6 -0.6 -1.2% -1.1% 64.2% 65.4% -0.6% -0.6% 64.2% 65.4% 64.2% 65.4% -0.3 -0.3 0.2 53.8 51.2 46.8 47.0 0.2 44.7 44.8 0.3% 50.9 0.3% 66.7% 67.9% 53.8 53.7 -1.2% -1.1% 66.7% 67.9% 66.7% 67.9% 0.4% 66.7% 67.9% 53.2 53.2 50.9 50.9 -0.3 -0.3 -0.6% 46.8 46.9 0.2 44.8 0.0 44.7 -0.6 51.1 44.7 -0.5% 46.7 46.9 0.1% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% -1.0% 50.8 44.7 44.7 0.1 53.1 -1.0% 0.4% 53.6 -0.5 50.9 50.8 -0.1 -0.2% 46.6 46.8 0.2 44.6 44.7 0.2% 71.6% 53.6 53.1 -0.5 -1.0% -0.8% 71.6% 50.8 50.8 -0.2% 71.6% 46.4 46.7 0.3 71.6% 44 5 447 0.2 72.8% 53.5 53.0 -0.4 72.8% 50.8 50.7 -0.1 -0.1% 72.8% 46.4 46.7 0.3 0.6% 72.8% 44.4 44.6 0.1 0.3% 74.1% 75.3% -0.6% -0.7% 74.1% 75.3% 74.1% 0.0% 74.1% 0.8% 44.3 44.5 0.1 75.3% 75.3% 0.3 0.2% 76.5% 53.3 52.9 -0.4 -0.8% 76.5% 50.6 50.6 0.0% 76.5% 46.2 46.5 0.3 0.6% 76.5% 44.1 44.4 0.3 0.6% 77.8% -0.8% 77.8% 77.8% 0.3 0.7% 77.8% 0.3 0.7% 53.2 50.6 0.0 0.0% 46.2 44.3 79.0% 53.0 -0.2 -0.4% 79.0% 50.6 50.4 -0.1 -0.2% 79.0% 46.1 46.1 0.0 0.0% 79.0% 44.0 44.3 0.3 0.6% 80.2% 53.0 -0.4% 80.2% 50.4 80.2% 46.1 -0.1% 80.2% 44.2 52.7 0.0% 46.1 0.0 44.0 0.4% 81.5% 53.0 52.7 -0.3-0.6% 81.5% 50.2 50.2 0.0% 81.5% 46.1 46.1 0.0 0.1% 81.5% 44.0 44.2 0.2 0.4% 82.7% 82.7% 52.9 52.6 -0.5% 82.7% 50.2 0.1% 46.0 0.0 0.0% 82.7% 44.0 44.1 0.1 0.3% 84.0% 52.8 -0.2 -0.4% 84.0% 50.1 50.2 0.2% 84.0% 45.9 45.9 0.0 0.0% 84.0% 43.9 44.1 0.2 0.4% 85.2% 52.7 52.6 -0.1 -0.3% 85.2% 50.1 50.1 0.0 0.0% 85.2% 45.7 45.9 0.2 0.4% 85.2% 43.8 44.1 0.3 0.6% 86.4% 52.7 52.6 -0.3% 86.4% 50.0 49.9 -0.2% 86.4% 45.7 45.8 0.2% 86.4% 43.7 44.0 0.2 0.5% 87.7% 52.7 52.5 -0.1 -0.2% 87.7% 50.0 49 9 -0.1 -0.2% 87.7% 45.6 45.7 0.0 0.1% 87.7% 43.7 43.8 0.1 0.3% 88.9% 52.5 52.5 -0.1 -0.2% 88.9% 50.0 49.9 -0.1 -0.2% 88.9% 45.6 45.6 0.1 0.1% 88.9% 43.7 43.8 0.1 0.3% 90.1% 52.5 52.4 -0.2 -0.3% 90.1% 50.0 49.7 -0.2 -0.5% 90.1% 45.6 45.5 0.0 0.0% 90.1% 43.7 43.8 0.1 0.3% 91.4% 52.3 52.1 -0.4% 91.4% 49.8 49.7 -0.3% 91.4% 45.4 91.4% 43.7 43.8 0.1 0.1 91.4% 92.6% 92.6% 52.5 -0.4 -0.7% 49.8 49.7 -0.1 -0.2% 45.4 45.4 0.1% 92.6% 43.6 43.8 0.3% 93.8% 52.2 -0.3% 49.6 -0.3% 93.8% 52.0 -0.293.8% 49.7 93.8% 45.1 45.4 0.3 0.7% 43.3 43.7 0.4 0.8% 95.1% 95.1% 95.1% 95.1% 52.1 51.7 -0.4 -0.8% 49.4 49.6 0.1 0.3% 44.7 45.1 0.4 0.9% 43.3 43.6 0.3 0.6% 96.3% 51.6 51.5 -0.4-0.8% 96.3% 49.4 49.3 -0.2% 96.3% 97.5% 44.5 44.9 0.3 0.7% 96.3% 97.5% 42.9 43.6 0.6 1.5% 97.5% 0.4% 97.5% -0.1% 0.2% 51.3 0.2 493 493 -0.1 44 5 44.8 0.7% 42 9 43.0 44.4 -0.2% 98.8% 100.0% 100.0% 100.0% 100.0% 50.8 50.6 0.0 -0.5% 48.9 48.9 -0.1% 43.7 44.2 0.5 1.2% 42.5 42.5 0.0 0.0%

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

		February					March					April					May		
Percent	No Action Alternative	Alternative B	Absolute		Percent	No Action Alternative	Alternative B	Absolute		Percent	No Action Alternative	Alternative B	Absolute		Percent	No Action Alternative	Alternative B	Absolute	
Exceedance			Difference	Relative															
Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	48.6	48.6	0.0	0.0%	0.0%	52.3	52.4	0.0	0.0%	0.0%	54.6	55.9	1.3	2.3%	0.0%	57.2	57.3	0.1	0.1%
1.2%	47.9	48.1	0.2	0.4%	1.2%	51.4	51.3	-0.1	-0.2%	1.2%	54.2	54.9	0.7	1.3%	1.2%	56.8	57.3	0.5	0.9%
2.5%	47.8	48.0	0.2	0.3%	2.5%	50.9	51.0	0.1	0.2%	2.5%	54.2	54.2	0.0	0.1%	2.5%	56.7	57.1	0.4	0.8%
3.7%	47.8	47.9	0.1	0.2%	3.7%	50.7	50.9	0.2	0.3%	3.7%	54.1	54.1	0.0	0.0%	3.7%	56.3	56.4	0.1	0.1%
4.9%	47.8	47.7	0.0	0.0%	4.9%	50.7	50.9	0.2	0.4%	4.9%	54.1	54.1	0.0	0.0%	4.9%	56.1	56.3	0.2	0.4%
6.2%	47.6	47.7	0.1	0.3%	6.2%	50.6	50.8	0.3	0.5%	6.2%	54.1	54.1	-0.1	-0.1%	6.2%	56.0	55.9	-0.1	-0.1%
	47.5	47.7																	
7.4%			0.1	0.2%	7.4%	50.5	50.8	0.3	0.6%	7.4%	53.8	54.0	0.2	0.4%	7.4%	55.8	55.2	-0.7	-1.2%
8.6%	47.5	47.5	0.0	0.0%	8.6%	50.5	50.8	0.3	0.6%	8.6%	53.8	54.0	0.3	0.5%	8.6%	55.8	55.2	-0.6	-1.2%
9.9%	47.4	47.4	0.1	0.2%	9.9%	50.5	50.7	0.3	0.5%	9.9%	53.7	54.0	0.2	0.4%	9.9%	55.8	55.0	-0.8	-1.5%
11.1%	47.3	47.4	0.0	0.1%	11.1%	50.4	50.7	0.3	0.5%	11.1%	53.3	53.9	0.6	1.1%	11.1%	55.7	54.9	-0.8	-1.4%
12.3%	47.3	47.3	-0.1	-0.1%	12.3%	50.4	50.3	-0.2	-0.3%	12.3%	53.2	53.8	0.6	1.2%	12.3%	55.4	54.9	-0.5	-1.0%
13.6%	47.2	47.2	0.1	0.1%	13.6%	50.4	50.3	-0.1	-0.2%	13.6%	53.2	53.7	0.5	1.0%	13.6%	55.3	54.8	-0.5	-0.8%
14.8%	47.1	47.1	0.0	0.1%	14.8%	50.2	50.3	0.0	0.0%	14.8%	53.1	53.7	0.6	1.2%	14.8%	55.2	54.6	-0.6	-1.0%
16.0%	47.0	47.1	0.1	0.1%	16.0%	50.0	50.1	0.0	0.0%	16.0%	52.9	53.4	0.5	1.0%	16.0%	55.1	54.6	-0.5	-0.9%
17.3%	47.0	47.1	0.0	0.1%	17.3%	49.9	49.9	0.0	0.1%	17.3%	52.8	53.3	0.5	0.9%	17.3%	55.0	54.6	-0.4	-0.8%
18.5%	46.9	46.9	0.0	0.0%	18.5%	49.9	49.9	0.0	0.0%	18.5%	52.8	53.3	0.5	1.0%	18.5%	54.9	54.5	-0.4	-0.8%
19.8%	46.8	46.8	0.0	0.0%	19.8%	49.8	49.8	-0.1	-0.1%	19.8%	52.6	53.2	0.6	1.2%	19.8%	54.9	54.5	-0.4	-0.8%
21.0%	46.8	46.8	0.0	0.1%	21.0%	49.8	49.8	0.0	0.0%	21.0%	52.5	53.2	0.7	1.3%	21.0%	54.7	54.5	-0.3	-0.5%
22.2%	46.7	46.7	0.0	0.0%	22.2%	49.7	49.8	0.0	0.1%	22.2%	52.5	53.1	0.6	1.1%	22.2%	54.7	54.4	-0.3	-0.5%
23.5%	46.7	46.7	0.0	-0.1%	23.5%	49.7	49.7	0.0	0.0%	23.5%	52.5	52.9	0.4	0.8%	23.5%	54.5	54.4	-0.1	-0.1%
24.7%	46.7	46.7	-0.1	-0.1%	24.7%	49.7	49.7	0.0	-0.1%	24.7%	52.4	52.9	0.4	0.9%	24.7%	54.4	54.3	-0.1	-0.2%
25.9%	46.6	46.6	0.0	0.0%	25.9%	49.6	49.6	0.0	0.0%	25.9%	52.3	52.8	0.4	0.8%	25.9%	54.4	54.3	-0.1	-0.2%
27.2%	46.6	46.6	0.0	0.1%	27.2%	49.5	49.6	0.0	0.1%	27.2%	52.3	52.7	0.4	0.8%	27.2%	54.3	54.3	-0.1	-0.1%
28.4%	46.5	46.6	0.1	0.2%	28.4%	49.4	49.5	0.1	0.3%	28.4%	52.3	52.7	0.4	0.7%	28.4%	54.3	54.2	-0.1	-0.1%
29.6%	46.5	46.6	0.1	0.2%	29.6%	49.4	49.5	0.1	0.3%	29.6%	52.2	52.6	0.5	0.9%	29.6%	54.2	54.2	0.0	-0.1%
30.9%	46.5	46.6	0.1	0.2%	30.9%	49.4	49.5	0.1	0.2%	30.9%	52.1	52.5	0.4	0.8%	30.9%	54.2	54.1	-0.1	-0.1%
32.1%	46.5	46.6	0.1	0.2%	32.1%	49.3	49.4	0.1	0.3%	32.1%	52.1	52.5	0.4	0.8%	32.1%	54.2	54.1	-0.1	-0.2%
33.3%	46.4	46.5	0.1	0.3%	33.3%	49.3	49.4	0.1	0.3%	33.3%	52.1	52.5	0.4	0.8%	33.3%	54.1	54.0	-0.1	-0.1%
33.3%	46.4 46.4	46.5 46.5	0.1	0.3%	33.3%	49.3	49.4	0.2	0.3%	33.3%	52.1	52.5 52.4	0.4	0.8%	33.3%	54.1 54.1	54.0	0.0	-0.1%
35.8%	46.4	46.5	0.1	0.2%	35.8%	49.1	49.2	0.1	0.2%	35.8%	51.9	52.3	0.4	0.8%	35.8%	54.0	54.0	-0.1	-0.1%
37.0%	46.3	46.4	0.2	0.3%	37.0%	49.1	49.1	0.1	0.1%	37.0%	51.9	52.3	0.4	0.7%	37.0%	54.0	53.9	-0.1	-0.2%
38.3%	46.3	46.4	0.1	0.2%	38.3%	48.9	49.1	0.2	0.4%	38.3%	51.9	52.3	0.4	0.7%	38.3%	53.9	53.8	-0.1	-0.2%
39.5%	46.3	46.4	0.1	0.3%	39.5%	48.9	49.1	0.2	0.4%	39.5%	51.9	52.1	0.3	0.5%	39.5%	53.7	53.8	0.2	0.3%
40.7%	46.3	46.2	0.0	-0.1%	40.7%	48.9	49.1	0.2	0.3%	40.7%	51.9	52.1	0.2	0.4%	40.7%	53.6	53.7	0.1	0.2%
42.0%	46.2	46.2	0.0	0.0%	42.0%	48.9	49.1	0.2	0.4%	42.0%	51.7	52.1	0.3	0.6%	42.0%	53.6	53.7	0.1	0.2%
43.2%	46.2	46.2	0.0	0.0%	43.2%	48.9	49.0	0.1	0.2%	43.2%	51.7	52.0	0.3	0.6%	43.2%	53.5	53.6	0.1	0.2%
44.4%	46.2	46.1	-0.1	-0.1%	44.4%	48.9	48.9	0.1	0.2%	44.4%	51.6	52.0	0.3	0.6%	44.4%	53.5	53.4	-0.1	-0.1%
45.7%	46.2	46.1	-0.1	-0.1%	45.7%	48.8	48.9	0.1	0.1%	45.7%	51.6	52.0	0.3	0.7%	45.7%	53.4	53.4	0.0	0.0%
46.9%	46.2	46.1	-0.1	-0.2%	46.9%	48.8	48.9	0.1	0.2%	46.9%	51.5	52.0	0.4	0.9%	46.9%	53.3	53.3	0.0	0.0%
48.1%	46.2	46.1	-0.1	-0.2%	48.1%	48.8	48.9	0.1	0.2%	48.1%	51.5	52.0	0.5	1.0%	48.1%	53.3	53.3	0.0	0.0%
49.4%	46.1	46.1	-0.1	-0.2%	49.4%	40.0	48.9	0.1		49.4%	51.4	51.9	0.5	1.0%	49.4%	53.3	53.3	0.0	0.1%
									0.3%										
50.6%	46.1	46.1	0.0	-0.1%	50.6%	48.7	48.9	0.2	0.3%	50.6%	51.4	51.9	0.5	1.0%	50.6%	53.2	53.3	0.0	0.0%
51.9%	46.0	46.1	0.0	0.1%	51.9%	48.7	48.8	0.1	0.2%	51.9%	51.4	51.9	0.5	0.9%	51.9%	53.1	53.2	0.1	0.2%
53.1%	46.0	46.1	0.0	0.1%	53.1%	48.6	48.8	0.1	0.3%	53.1%	51.4	51.9	0.5	0.9%	53.1%	53.1	53.2	0.1	0.3%
54.3%	46.0	46.0	0.0	0.1%	54.3%	48.6	48.7	0.2	0.3%	54.3%	51.4	51.8	0.4	0.9%	54.3%	53.0	53.2	0.1	0.2%
55.6%	45.9	45.9	0.0	0.0%	55.6%	48.5	48.6	0.1	0.2%	55.6%	51.3	51.7	0.4	0.8%	55.6%	52.9	53.1	0.2	0.3%
56.8%	45.9	45.9	0.0	0.0%	56.8%	48.5	48.6	0.1	0.2%	56.8%	51.3	51.7	0.5	0.9%	56.8%	52.9	53.1	0.2	0.4%
58.0%	45.9	45.9	0.0	0.0%	58.0%	48.5	48.6	0.1	0.2%	58.0%	51.2	51.7	0.5	0.9%	58.0%	52.9	53.1	0.2	0.4%
59.3%	45.9	45.9	0.0	0.1%	59.3%	48.5	48.5	0.1	0.2%	59.3%	51.2	51.6	0.3	0.6%	59.3%	52.8	53.0	0.2	0.4%
60.5%	45.9	45.8	0.0	0.0%	60.5%	48.5	48.5	0.0	0.1%	60.5%	51.2	51.6	0.4	0.8%	60.5%	52.8	53.0	0.2	0.3%
61.7%	45.8	45.8	0.0	0.0%	61.7%	48.3	48.5	0.2	0.3%	61.7%	51.1	51.6	0.4	0.9%	61.7%	52.7	52.9	0.2	0.3%
63.0%	45.8	45.8	0.0	0.0%	63.0%	48.2	48.3	0.1	0.1%	63.0%	51.1	51.6	0.5	0.9%	63.0%	52.7	52.9	0.2	0.3%
64.2%	45.8	45.8	0.0	0.0%	64.2%	48.2	48.2	0.1	0.1%	64.2%	51.1	51.5	0.3	0.9%	64.2%	52.6	52.9	0.2	0.4%
65.4%	45.8	45.8	0.0	0.0%	65.4%	48.2	48.2	0.0	0.0%	65.4%	50.9	51.5	0.6	1.1%	65.4%	52.6	52.8	0.1	0.3%
66.7%	45.8	45.7	0.0	0.0%	66.7%	48.2	48.2	0.0	0.0%	66.7%	50.9	51.4	0.6	1.1%	66.7%	52.6	52.7	0.1	0.3%
	45.8 45.7	45.7 45.7				48.2 48.1	48.2 48.1	0.0								52.6 52.6	52.7 52.6	0.1	
67.9%	45.7 45.5	45.7	0.0	0.0%	67.9%	48.0	48.0	0.0	0.0%	67.9% 69.1%	50.8	51.4	0.6	1.1%	67.9%	52.5	52.6		0.1%
69.1%		40.5	0.0	0.0%	69.1%	48.0 47.8	48.0 47.9		0.0%	69.1%	50.8	51.3	0.5	1.0%	69.1%		52.6 52.5	0.1	0.2%
70.4%	45.5	45.5	0.1	0.2%	70.4%			0.1	0.1%	70.4%	50.6	51.3	0.7	1.3%	70.4%	52.4		0.1	0.3%
71.6%	45.3	45.3	0.0	0.0%	71.6%	47.8	47.9	0.1	0.2%	71.6%	50.6	51.3	0.7	1.3%	71.6%	52.3	52.5	0.2	0.3%
72.8%	45.3	45.2	-0.1	-0.2%	72.8%	47.7	47.9	0.1	0.3%	72.8%	50.6	51.3	0.7	1.3%	72.8%	52.3	52.4	0.2	0.3%
74.1%	45.1	45.2	0.0	0.1%	74.1%	47.7	47.8	0.1	0.1%	74.1%	50.4	51.2	0.7	1.5%	74.1%	52.1	52.4	0.3	0.5%
75.3%	45.0	45.1	0.1	0.1%	75.3%	47.5	47.7	0.2	0.3%	75.3%	50.4	51.2	0.7	1.5%	75.3%	52.1	52.3	0.2	0.4%
76.5%	45.0	45.0	0.0	0.1%	76.5%	47.5	47.7	0.2	0.4%	76.5%	50.4	51.1	0.7	1.4%	76.5%	52.1	52.2	0.2	0.4%
77.8%	45.0	44.9	-0.1	-0.1%	77.8%	47.4	47.6	0.2	0.4%	77.8%	50.3	50.9	0.6	1.2%	77.8%	52.0	52.2	0.2	0.4%
79.0%	44.9	44.9	0.0	0.0%	79.0%	47.3	47.4	0.1	0.2%	79.0%	50.2	50.7	0.5	0.9%	79.0%	51.9	52.2	0.3	0.6%
80.2%	44.8	44.8	0.0	0.0%	80.2%	47.3	47.4	0.1	0.2%	80.2%	50.2	50.6	0.4	0.8%	80.2%	51.8	52.1	0.3	0.6%
81.5%	44.8	44.8	0.0	0.0%	81.5%	47.3	47.3	0.0	0.1%	81.5%	50.1	50.6	0.5	1.0%	81.5%	51.8	52.1	0.3	0.7%
82.7%	44.8	44.8	0.0	0.0%	82.7%	47.2	47.3	0.0	0.1%	82.7%	50.0	50.5	0.5	0.9%	82.7%	51.6	52.1	0.3	0.8%
84.0%	44.8	44.6	0.0	0.0%	84.0%	47.2	47.3	0.0	0.1%	84.0%	50.0	50.3	0.5	0.9%	84.0%	51.5	52.0	0.4	0.8%
84.0% 85.2%	44.8 44.7	44.7 44.7		-0.1%	84.0% 85.2%	47.2 47.2	47.3 47.2	0.1						0.6%	84.0% 85.2%	51.5 51.5	52.0 51.9	0.5	
			0.0						0.0%	85.2%	49.9	50.1	0.2						0.8%
86.4%	44.7	44.7	0.0	0.0%	86.4%	47.1	47.1	0.0	0.0%	86.4%	49.8	50.1	0.3	0.5%	86.4%	51.4	51.6	0.2	0.3%
87.7%	44.6	44.7	0.0	0.1%	87.7%	47.0	47.1	0.1	0.2%	87.7%	49.6	50.0	0.4	0.9%	87.7%	51.4	51.6	0.1	0.2%
88.9%	44.6	44.6	0.0	0.1%	88.9%	47.0	47.1	0.0	0.1%	88.9%	49.6	50.0	0.4	0.8%	88.9%	51.4	51.5	0.1	0.2%
90.1%	44.5	44.5	0.0	0.1%	90.1%	47.0	47.1	0.1	0.1%	90.1%	49.3	50.0	0.7	1.4%	90.1%	51.4	51.4	-0.1	-0.1%
91.4%	44.5	44.5	0.0	0.1%	91.4%	46.9	47.0	0.2	0.4%	91.4%	49.3	49.8	0.6	1.2%	91.4%	51.3	51.3	0.0	0.0%
92.6%	44.4	44.5	0.1	0.2%	92.6%	46.8	46.8	0.0	-0.1%	92.6%	49.2	49.8	0.6	1.2%	92.6%	51.2	51.3	0.1	0.1%
93.8%	44.4	44.3	0.0	-0.1%	93.8%	46.8	46.8	0.0	0.0%	93.8%	49.2	49.8	0.6	1.3%	93.8%	51.1	51.3	0.2	0.3%
95.1%	44.2	44.2	0.0	0.0%	95.1%	46.5	46.5	0.0	0.0%	95.1%	49.1	49.2	0.1	0.2%	95.1%	51.1	51.1	0.0	0.0%
96.3%	44.2	44.2	0.0	0.1%	96.3%	46.4	46.4	0.0	0.1%	96.3%	48.9	49.1	0.3	0.5%	96.3%	51.0	51.1	0.1	0.2%
97.5%	44.1	44.2	0.0	0.1%	97.5%	46.1	46.2	0.0	0.1%	97.5%	48.8	48.9	0.1	0.1%	97.5%	50.6	50.6	0.0	-0.1%
98.8%	44.1	44.2	0.0	0.0%	98.8%	46.1	46.1	0.0	0.1%	98.8%	48.7	48.7	0.0	0.0%	98.8%	50.5	50.4	-0.1	-0.1%
100.0%	43.4	43.4	0.0	0.0%	100.0%	45.6	45.6	0.0	0.0%	100.0%	47.8	47.8	0.0	0.0%	100.0%	50.4	50.4	-0.1	-0.1%
100.0%	+3.4	73.4	0.0	0.070	100.076	70.0	T-0.0	0.0	0.070	100.0%	₹1.0	77.0	0.0	0.070	100.0%	30.4	30.3	-0.1	-0.270

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

August

September

Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance		Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative
Probability		Monthly Temperature	(DEG-F)	Difference (%)	Probability		Monthly Temperature	(DEG-F)	Difference (%)	Probabilit			(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F) 57.7		0.70/	(%) 0.0%	(DEG-F)	(DEG-F)		0.00/	(%)	(DEG-F)	(DEG-F)		0.70/	(%)	(DEG-F)	(DEG-F)		0.00/
0.0% 1.2%	58.1 57.7	57.7 57.1	-0.4 -0.6	-0.7% -1.0%	1.2%	61.2 58.7	59.5 58.8	-1.7 0.1	-2.8% 0.2%	0.0% 1.2%	66.0 65.2	65.5 63.0	-0.5 -2.2	-0.7% -3.4%	0.0% 1.2%	66.8 65.0	66.7 63.6	-0.2 -1.4	-0.3% -2.1%
2.5%	56.6	56.7	0.1	0.2%	2.5%	58.7	58.4	-0.3	-0.5%	2.5%	64.5	60.5	-4.0	-6.2%	2.5%	64.9	63.6	-1.3	-2.1%
3.7%	56.6	56.7	0.1	0.2%	3.7%	58.5	58.1	-0.4	-0.7%	3.7%	63.1	59.5	-3.6	-5.7%	3.7%	64.9	63.6	-1.3	-2.1%
4.9%	56.5	56.6	0.0	0.1%	4.9%	58.2	58.0	-0.2	-0.3%	4.9%	60.2	58.5	-1.6	-2.7%	4.9%	63.9	63.3	-0.6	-1.0%
6.2%	55.7	56.0	0.3	0.5%	6.2%	58.1	57.5	-0.6	-1.0%	6.2%	59.0	57.8	-1.2	-2.0%	6.2%	63.5	63.0	-0.5	-0.8%
7.4%	55.5	55.6	0.1	0.2%	7.4%	58.1	57.4	-0.7	-1.3%	7.4%	58.6	57.6	-1.0	-1.6%	7.4%	63.4	61.5	-1.9	-3.0%
8.6% 9.9%	55.5 55.0	55.4 55.2	-0.1 0.1	-0.2% 0.2%	8.6% 9.9%	57.8 56.9	57.1 56.7	-0.7 -0.2	-1.2% -0.3%	8.6% 9.9%	57.7 57.2	56.7 56.6	-1.0 -0.6	-1.7% -1.1%	8.6% 9.9%	60.9 60.6	59.6 59.6	-1.3 -1.0	-2.1% -1.6%
11.1%	54.9	55.0	0.2	0.3%	11.1%	56.5	56.6	0.1	0.2%	11.1%	57.0	56.5	-0.5	-0.9%	11.1%	59.3	59.0	-0.3	-0.5%
12.3%	54.7	54.8	0.1	0.2%	12.3%	56.4	55.8	-0.6	-1.0%	12.3%	56.8	56.4	-0.4	-0.6%	12.3%	59.3	59.0	-0.3	-0.5%
13.6%	54.4	54.7	0.2	0.4%	13.6%	56.1	55.7	-0.5	-0.9%	13.6%	56.8	56.3	-0.4	-0.8%	13.6%	58.9	58.1	-0.9	-1.5%
14.8%	54.4	54.4	0.1	0.1%	14.8%	55.7	55.4	-0.3	-0.6%	14.8%	56.7	56.2	-0.5	-1.0%	14.8%	58.9	58.1	-0.9	-1.5%
16.0%	54.4	54.4	0.0	0.1%	16.0%	55.7	55.2	-0.4	-0.8%	16.0%	56.0	56.0	0.0	0.0%	16.0%	58.9	58.0	-0.8	-1.4%
17.3% 18.5%	54.3 54.1	54.1 54.1	-0.2 0.0	-0.4% -0.1%	17.3% 18.5%	55.0 55.0	55.2 55.0	0.2 -0.1	0.3% -0.1%	17.3% 18.5%	55.9 55.8	56.0 56.0	0.0	0.1%	17.3% 18.5%	58.3 58.3	58.0 57.6	-0.4 -0.7	-0.7% -1.2%
19.8%	54.1 54.1	54.1	0.0	-0.1%	19.8%	55.0	55.0	-0.1	-0.1%	19.5%	55.8	56.0	0.1	0.2%	19.8%	58.2	57.0	-0.7	-1.2%
21.0%	54.0	54.0	0.0	0.1%	21.0%	55.0	54.7	-0.3	-0.5%	21.0%	55.7	55.9	0.2	0.4%	21.0%	58.1	57.2	-1.0	-1.6%
22.2%	53.9	54.0	0.0	0.1%	22.2%	54.7	54.6	-0.1	-0.1%	22.2%	55.7	55.8	0.2	0.3%	22.2%	57.8	57.1	-0.7	-1.3%
23.5%	53.9	53.9	0.0	0.0%	23.5%	54.7	54.6	-0.1	-0.1%	23.5%	55.7	55.8	0.2	0.3%	23.5%	57.8	56.9	-0.9	-1.5%
24.7%	53.9	53.9	0.0	-0.1%	24.7%	54.6	54.6	0.0	0.0%	24.7%	55.7	55.8	0.1	0.2%	24.7%	57.4	56.8	-0.6	-1.0%
25.9% 27.2%	53.9 53.8	53.9 53.9	0.0	0.0%	25.9% 27.2%	54.5 54.5	54.6 54.6	0.0	0.1% 0.1%	25.9% 27.2%	55.6 55.6	55.8 55.7	0.2 0.1	0.3%	25.9% 27.2%	57.2 57.1	56.8 56.8	-0.4 -0.4	-0.7% -0.6%
28.4%	53.8	53.8	0.0	0.1%	28.4%	54.5 54.5	54.6	0.0	0.1%	28.4%	55.6	55.6	0.1	0.1%	28.4%	57.0	56.5	-0.4	-0.9%
29.6%	53.7	53.7	0.0	0.1%	29.6%	54.5	54.4	0.0	0.0%	29.6%	55.6	55.2	-0.3	-0.6%	29.6%	56.9	56.4	-0.5	-0.9%
30.9%	53.7	53.7	0.0	0.1%	30.9%	54.4	54.4	0.0	0.0%	30.9%	55.4	55.2	-0.3	-0.5%	30.9%	56.9	56.4	-0.5	-0.9%
32.1%	53.7	53.7	0.1	0.1%	32.1%	54.3	54.3	-0.1	-0.1%	32.1%	55.4	55.0	-0.4	-0.7%	32.1%	56.9	56.3	-0.5	-1.0%
33.3%	53.6 53.6	53.7 53.5	0.0	0.0%	33.3%	54.3 54.3	54.3 54.3	0.0	-0.1%	33.3%	55.4 55.4	55.0 55.0	-0.4	-0.7%	33.3%	56.8 56.6	56.3	-0.5 -0.4	-0.9%
34.6% 35.8%	53.5	53.5	-0.1	-0.2% -0.2%	34.6% 35.8%	54.3 54.3	54.3	-0.1	-0.1% -0.1%	34.6% 35.8%	55.4 55.3	55.0 54.9	-0.4 -0.4	-0.7% -0.8%	34.6% 35.8%	56.6	56.2 56.2	-0.4	-0.6% -0.7%
37.0%	53.5	53.4	-0.1	-0.2%	37.0%	54.3	54.2	-0.1	-0.1%	37.0%	55.3	54.9	-0.4	-0.8%	37.0%	56.5	56.1	-0.4	-0.7%
38.3%	53.5	53.4	-0.1	-0.2%	38.3%	54.3	54.2	-0.1	-0.2%	38.3%	55.3	54.8	-0.5	-0.9%	38.3%	56.5	56.1	-0.4	-0.7%
39.5%	53.5	53.4	-0.1	-0.2%	39.5%	54.3	54.1	-0.1	-0.3%	39.5%	55.1	54.8	-0.3	-0.5%	39.5%	56.5	56.1	-0.4	-0.7%
40.7%	53.4	53.3	0.0	0.0%	40.7%	54.2	54.1	-0.1	-0.3%	40.7%	54.9	54.7	-0.2	-0.4%	40.7%	56.4	56.1	-0.4	-0.7%
42.0%	53.4	53.3 53.3	0.0	-0.1%	42.0%	54.1 54.1	54.0 54.0	-0.1 0.0	-0.2%	42.0%	54.9 54.9	54.7 54.7	-0.2	-0.3%	42.0%	56.3	55.8 55.7	-0.5 -0.6	-0.9%
43.2% 44.4%	53.3 53.3	53.3	0.0	0.0%	43.2% 44.4%	54.1	54.0	0.0	0.0%	43.2% 44.4%	54.9	54.7	-0.2 -0.2	-0.3% -0.3%	43.2% 44.4%	56.3 56.3	55.7	-0.6	-1.1% -1.0%
45.7%	53.3	53.3	0.0	0.0%	45.7%	53.9	54.0	0.0	0.1%	45.7%	54.8	54.6	-0.2	-0.4%	45.7%	56.2	55.6	-0.6	-1.2%
46.9%	53.2	53.3	0.0	0.1%	46.9%	53.9	53.9	0.0	0.0%	46.9%	54.8	54.6	-0.2	-0.4%	46.9%	56.2	55.6	-0.7	-1.2%
48.1%	53.1	53.2	0.1	0.2%	48.1%	53.8	53.9	0.0	0.0%	48.1%	54.8	54.6	-0.2	-0.4%	48.1%	56.2	55.5	-0.7	-1.3%
49.4%	53.1	53.2	0.1	0.2%	49.4%	53.8	53.8	0.0	0.0%	49.4%	54.8	54.6	-0.2	-0.4%	49.4%	56.2	55.5	-0.7	-1.3%
50.6%	53.1	53.2	0.1	0.1%	50.6%	53.7	53.7	-0.1	-0.1%	50.6%	54.7 54.7	54.6	-0.2	-0.3%	50.6%	56.1	55.5 55.5	-0.6	-1.1%
51.9% 53.1%	53.1 53.1	53.2 53.2	0.1	0.1%	51.9% 53.1%	53.7 53.6	53.6 53.6	-0.1 0.0	-0.1% 0.1%	51.9% 53.1%	54.7 54.7	54.6 54.5	-0.2 -0.2	-0.4% -0.4%	51.9% 53.1%	56.1 55.7	55.5 55.5	-0.6 -0.3	-1.1% -0.5%
54.3%	53.1	53.1	0.1	0.1%	54.3%	53.6	53.6	0.0	0.1%	54.3%	54.6	54.5	-0.2	-0.2%	54.3%	55.7	55.4	-0.3	-0.6%
55.6%	53.1	53.1	0.1	0.1%	55.6%	53.5	53.6	0.1	0.1%	55.6%	54.6	54.5	-0.1	-0.2%	55.6%	55.6	55.3	-0.3	-0.5%
56.8%	53.1	53.1	0.1	0.1%	56.8%	53.4	53.6	0.1	0.3%	56.8%	54.6	54.5	-0.1	-0.2%	56.8%	55.4	55.2	-0.2	-0.4%
58.0%	53.0	53.1	0.1	0.1%	58.0%	53.4	53.5	0.1	0.2%	58.0%	54.6	54.5	-0.1	-0.2%	58.0%	55.3	55.2	-0.2	-0.3%
59.3% 60.5%	53.0 53.0	53.0 53.0	0.0	0.0%	59.3% 60.5%	53.4 53.3	53.4 53.4	0.0	0.0%	59.3% 60.5%	54.6 54.5	54.5 54.4	-0.1 -0.1	-0.2% -0.3%	59.3% 60.5%	55.3 55.3	55.0 54.9	-0.3 -0.3	-0.5% -0.6%
61.7%	53.0	53.0	0.0	0.0%	61.7%	53.3	53.4	0.0	0.1%	61.7%	54.5 54.5	54.4	-0.1	-0.3%	61.7%	55.3	54.9	-0.3	-0.6%
63.0%	53.0	53.0	0.0	0.0%	63.0%	53.3	53.3	0.0	0.1%	63.0%	54.5	54.3	-0.1	-0.3%	63.0%	55.2	54.9	-0.3	-0.6%
64.2%	53.0	53.0	0.0	0.0%	64.2%	53.2	53.3	0.1	0.1%	64.2%	54.4	54.3	-0.1	-0.1%	64.2%	55.1	54.9	-0.2	-0.4%
65.4%	52.9	53.0	0.0	0.0%	65.4%	53.2	53.3	0.0	0.1%	65.4%	54.3	54.3	-0.1	-0.1%	65.4%	55.0	54.8	-0.1	-0.3%
66.7% 67.9%	52.9 52.8	52.9 52.8	0.0	0.0%	66.7% 67.9%	53.2 53.2	53.3 53.3	0.1	0.1% 0.1%	66.7% 67.9%	54.3 54.3	54.3 54.2	-0.1 -0.1	-0.1% -0.1%	66.7% 67.9%	55.0 54.9	54.8 54.8	-0.2 -0.1	-0.3% -0.2%
69.1%	52.7	52.8	0.1	0.1%	69.1%	53.2	53.3	0.1	0.1%	69.1%	54.3	54.2	0.0	-0.1%	69.1%	54.9	54.0	-0.1	-0.3%
70.4%	52.7	52.8	0.1	0.1%	70.4%	53.2	53.2	0.0	0.1%	70.4%	54.3	54.2	0.0	0.0%	70.4%	54.8	54.6	-0.3	-0.5%
71.6%	52.7	52.7	0.0	0.1%	71.6%	53.2	53.2	0.0	0.0%	71.6%	54.3	54.2	0.0	0.0%	71.6%	54.8	54.5	-0.3	-0.6%
72.8%	52.6	52.7	0.1	0.2%	72.8%	53.1	53.2	0.0	0.1%	72.8%	54.2	54.2	0.0	-0.1%	72.8%	54.7	54.5	-0.3	-0.5%
74.1%	52.6	52.7	0.1	0.1%	74.1%	53.1	53.2	0.0	0.1%	74.1%	54.2	54.2	0.0	0.0%	74.1%	54.7	54.5	-0.2	-0.3%
75.3% 76.5%	52.6 52.5	52.6 52.6	0.1 0.1	0.1%	75.3% 76.5%	53.1 53.0	53.1 53.1	0.1	0.1% 0.1%	75.3% 76.5%	54.2 54.2	54.2 54.2	0.0	0.0%	75.3% 76.5%	54.6 54.5	54.5 54.4	-0.1 -0.1	-0.2% -0.3%
77.8%	52.5	52.6	0.1	0.1%	77.8%	53.0	53.1	0.0	0.1%	77.8%	54.2	54.1	-0.1	-0.1%	77.8%	54.5	54.3	-0.1	-0.3%
79.0%	52.5	52.6	0.1	0.1%	79.0%	53.0	53.1	0.0	0.1%	79.0%	54.0	54.1	0.1	0.2%	79.0%	54.5	54.3	-0.2	-0.4%
80.2%	52.5	52.6	0.0	0.1%	80.2%	53.0	53.0	0.0	0.0%	80.2%	53.9	54.0	0.1	0.1%	80.2%	54.5	54.3	-0.2	-0.4%
81.5%	52.5	52.5	0.0	0.0%	81.5%	53.0	53.0	0.0	0.1%	81.5%	53.9	54.0	0.1	0.1%	81.5%	54.4	54.3	-0.2	-0.3%
82.7% 84.0%	52.4 52.3	52.2 52.2	-0.1	-0.3%	82.7%	52.9 52.9	53.0	0.1	0.1%	82.7% 84.0%	53.9	54.0 53.9	0.1	0.2%	82.7%	54.4 54.3	54.3 54.2	-0.1	-0.2%
84.0% 85.2%	52.3 52.3	52.2 52.1	0.0 -0.1	-0.1% -0.2%	84.0% 85.2%	52.9 52.9	52.9 52.9	0.0	0.0%	85.2%	53.8 53.8	53.9	0.1	0.1%	84.0% 85.2%	54.3 54.2	54.2 54.2	-0.1 0.0	-0.1% 0.0%
86.4%	52.3	52.1	-0.1	-0.2%	86.4%	52.9	52.9	0.0	0.0%	86.4%	53.7	53.9	0.1	0.2%	86.4%	54.1	54.1	0.0	0.1%
87.7%	51.9	52.1	0.1	0.2%	87.7%	52.9	52.9	0.0	0.0%	87.7%	53.7	53.8	0.1	0.2%	87.7%	54.1	54.0	-0.1	-0.1%
88.9%	51.9	52.0	0.1	0.2%	88.9%	52.9	52.8	0.0	0.0%	88.9%	53.6	53.8	0.3	0.5%	88.9%	54.0	53.8	-0.2	-0.4%
90.1%	51.9	51.9	0.0	0.1%	90.1%	52.7	52.8	0.1	0.2%	90.1%	53.5	53.7	0.2	0.4%	90.1%	54.0	53.8	-0.2	-0.3%
91.4%	51.8	51.9	0.1	0.1%	91.4%	52.7	52.7	0.0	0.0%	91.4%	53.5	53.7	0.2	0.4%	91.4%	53.9	53.6	-0.3	-0.6%
92.6% 93.8%	51.8 51.7	51.8 51.7	0.0	0.1%	92.6% 93.8%	52.6 52.4	52.5 52.3	-0.1 0.0	-0.3% -0.1%	92.6% 93.8%	53.4 53.4	53.6 53.4	0.2	0.3%	92.6% 93.8%	53.8 53.6	53.4 53.3	-0.3 -0.3	-0.6% -0.5%
95.1%	51.7	51.7	0.0	0.1%	95.1%	52.4	52.3	0.0	0.0%	95.1%	53.1	53.3	0.1	0.3%	95.1%	53.4	53.3	-0.3	-0.2%
96.3%	51.5	51.7	0.1	0.3%	96.3%	52.3	52.3	0.0	0.0%	96.3%	53.1	53.1	0.0	0.0%	96.3%	53.4	53.1	-0.2	-0.5%
97.5%	51.3	51.6	0.2	0.5%	97.5%	52.1	52.0	-0.1	-0.1%	97.5%	52.8	52.9	0.2	0.3%	97.5%	53.0	52.2	-0.8	-1.4%
98.8%	51.2	51.2	-0.1	-0.2%	98.8%	52.1	52.0	-0.1	-0.2%	98.8%	52.7	52.8	0.1	0.2%	98.8%	52.0	52.2	0.1	0.3%
100.0%	51.1	50.9	-0.3	-0.5%	100.0%	52.0	52.0	0.0	-0.1%	100.0%	52.5	52.6	0.1	0.2%	100.0%	51.9	52.0	0.1	0.1%

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

				aye anu r			erature (DI	FG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Mav	Jun	Jul	Aua	Sep
					ng-term			,				
Full Simulation Period ¹												
No Action Alternative	55.1	51.3	46.6	44.8	46.2	49.3	52.6	54.9	54.8	55.5	56.5	57.4
Alternative B	54.7	51.1	46.8	45.0	46.2	49.4	53.0	55.0	54.9	55.4	56.3	57.0
Difference	-0.4	-0.2	0.2	0.2	0.0	0.1	0.5	0.1	0.0	-0.1	-0.2	-0.4
Percent Difference ³	-0.7%	-0.3%	0.4%	0.5%	0.0%	0.1%	0.9%	0.1%	0.0%	-0.1%	-0.4%	-0.79
				Water Y	ear Types	2						
Wet (32%)												
No Action Alternative	54.5	51.7	46.7	44.8	45.9	48.4	51.8	54.8	54.8	55.5	55.8	55.3
Alternative B	54.5	51.6	47.0	44.9	45.9	48.4	51.9	54.6	54.6	55.5	55.9	55.3
Difference	-0.1	-0.1	0.3	0.1	0.0	0.0	0.1	-0.2	-0.2	0.1	0.1	0.0
Percent Difference	-0.2%	-0.2%	0.7%	0.3%	0.0%	0.1%	0.2%	-0.4%	-0.3%	0.1%	0.2%	-0.19
Above Normal (15%)												
No Action Alternative	54.1	51.0	47.1	45.0	46.3	49.5	53.0	55.5	54.0	54.4	56.0	56.3
Alternative B	53.9	51.0	47.4	45.2	46.3	49.6	53.4	55.2	54.1	54.3	55.9	56.3
Difference	-0.2	0.0	0.4	0.2	0.0	0.0	0.3	-0.3	0.1	0.0	0.0	0.0
Percent Difference	-0.4%	0.0%	0.8%	0.4%	0.0%	0.1%	0.7%	-0.5%	0.2%	-0.1%	0.0%	0.0%
Below Normal (17%)												
No Action Alternative	53.8	50.7	46.9	44.6	45.9	49.2	53.0	55.0	54.4	54.7	55.5	57.0
Alternative B	53.5	50.6	47.0	44.8	45.9	49.3	53.6	55.1	54.4	54.8	55.4	56.5
Difference	-0.3	-0.1	0.1	0.2	0.0	0.0	0.6	0.2	0.0	0.0	-0.1	-0.5
Percent Difference	-0.6%	-0.1%	0.2%	0.4%	0.0%	0.1%	1.1%	0.3%	0.1%	0.1%	-0.2%	-0.99
Dry (22%)												
No Action Alternative	55.4	51.4	46.6	44.7	46.4	50.0	53.0	54.5	54.8	55.0	56.4	58.4
Alternative B	54.8	51.1	46.6	45.1	46.4	50.1	53.7	54.8	55.0	54.9	56.0	57.7
Difference	-0.6	-0.3	0.0	0.4	0.0	0.1	0.7	0.3	0.2	0.0	-0.4	-0.7
Percent Difference	-1.1%	-0.6%	0.0%	0.9%	0.0%	0.2%	1.3%	0.5%	0.4%	-0.1%	-0.6%	-1.29
Critical (15%)												
No Action Alternative	58.7	51.2	45.8	44.7	46.9	50.2	52.6	55.3	56.4	58.3	60.0	62.1
Alternative B	57.6	50.8	45.9	44.9	47.0	50.3	53.4	55.9	56.4	57.8	58.9	61.1
Difference	-1.1	-0.4	0.1	0.2	0.1	0.1	0.8	0.6	0.0	-0.6	-1.1	-1.0
Percent Difference	-1.8%	-0.7%	0.2%	0.4%	0.2%	0.2%	1.5%	1.0%	0.1%	-1.0%	-1.9%	-1.69



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

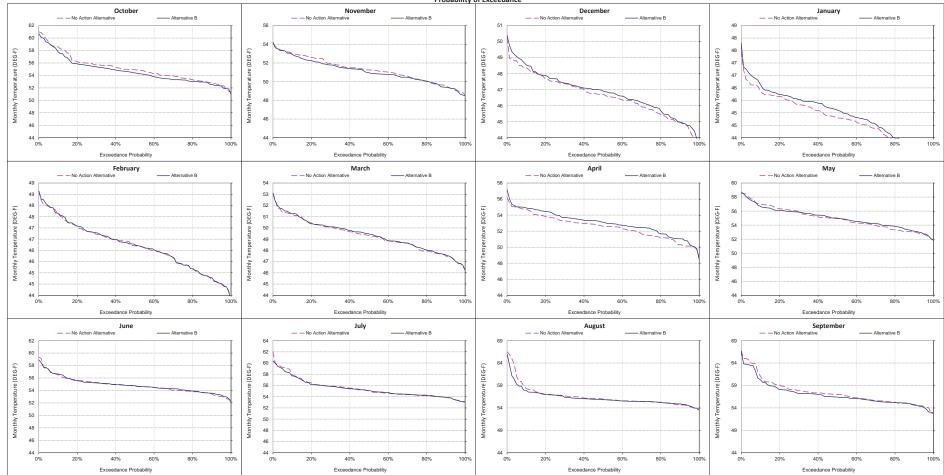


Table SQ-04-5b Sacramento River at Jellys Ferry, Monthly Temperature Probability of Exceedance

Octobe November Decembe January Percent Percent Percent Percent No Action Alternative Alternative B Absolute Relative Exceedance Relative Relative Relative Exceedance Difference Difference Difference Difference Monthly Temperature Difference (%) Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (DEG-F) (%) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% 0.0% 61.0 60.7 -0.3 -0.5% 0.0% 54.1 0.2% 0.0% 50.2 50.4 0.3% 47.8 0.7% 1.2% 60.9 60.1 -0.7 -1.2% 1.2% 53.8 53.6 -0.2 -0.3% 1.2% 48.9 49.7 0.8 1.6% 1.2% 46.7 46.8 0.1 0.2% 2.5% 60.5 60.0 -0.8% 2.5% 53.6 53.5 -0.1% 2.5% 48.9 49.4 0.9% 2.5% 46.3 46.8 0.9% 3.7% 3.7% 59.9 59.4 -0.5 -0.9% 3.7% 53.4 53.3 -0.1 -0.2% 3.7% 48.8 49.2 0.4 0.8% 46.3 46.6 0.3 0.7% 4.9% 59.5 59.3 -0.2 -0.3% 4.9% 53.3 53.3 0.0 -0.1% 4.9% 48.8 49.1 0.3 0.6% 4.9% 46.1 46.5 0.4 0.8% 6.2% 6.2% 6.2% 6.2% 58.9 58.9 0.0 0.0% 53.3 53.3 0.0 0.0% 48.5 49.0 0.5 0.9% 46.1 46.4 0.3 0.7% 7.4% -0.2% 7.4% 53.0 -0.3% 7.4% 48.5 0.8% 7.4% 46.4 0.3 0.6% 8.6% 8.6% 8.6% 8.6% 58.7 58.4 -0.3 -0.6% 53.2 53.0 -0.1 -0.2% 48.4 48.7 0.3 0.7% 46.1 46.3 0.5% 9.9% 11.1% 12.3% -1.4% 9.9% -0.2% 11.1% 12.3% 58.3 57.5 -0.7 -1.3% 11.1% 53.0 52.8 -0.2 -0.4% 11.1% 48.3 48.5 0.2 0.4% 45.8 46.0 0.2 0.5% 13.6% 13.6% 13.6% -0.4% 13.6% 0.4% 58.0 57.0 -1.0 -1.8% 52 9 52.6 -0 2 48 1 48 1 0.0 0.1% 45.7 45.9 0.2 -1.3% 16.0% 16.0% 16.0% 16.0% 57.5 56.4 -1.1 -2.0% 52.8 52.4 -0.4 -0.7% 47.9 48.0 0.0 0.1% 45.7 45.8 0.1 0.3% 18.5% 18.5% -0.7% 18.5% 18.5% 0.1 0.2% 56.3 55.9 -0.4 -0.7% 52.7 52.3 -0.4 47.9 47.9 0.0 0.1% 45.7 45.8 19.8% 21.0% 56.3 56.1 -0.7% -0.5% 52.2 52.2 -0.3 -0.4 19.8% 47.7 0.2 19.8% 21.0% 0.1 21.0% 47.8 47.7 55.8 -0.3 52.6 -0.7% 0.3% 45.6 45.7 0.2% 22.2% 23.5% -0.5% 22.2% 23.5% 52.1 -0.7% 22.2% 23.5% 22.2% 23.5% 45.7 0.1 52.1 -0.4 55.7 47.5 47.7 56.0 -0.3 -0.6% 52.5 -0.7% 0.2 0.3% 45.5 45.7 0.4% 24.7% 25.9% -0.7% -0.7% 24.7% 25.9% -0.9% -1.1% 24.7% 25.9% 24.7% 25.9% 45.7 45.6 56.0 52.0 -0.5 -0.6 47.5 47.7 45.5 0.2 0.4% 56.0 55.6 -0.4 52.5 51.9 47.5 47.7 0.2 0.3% 0.3% 45.5 27.2% 28.4% 27.2% 28.4% 56.0 55.5 -0.8% 27.2% 52.1 51.9 -0.5% 27.2% 47 A 45.4 45.6 0.2 55.8 55.4 -0.3 -0.6% 28.4% 52.0 51.8 -0.3% 28.4% 47.4 47.5 0.1 0.1% 45.4 0.2 0.5% -0.1 45.6 29.6% 30.9% -0.5% -0.6% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 51.8 51.8 -0.3% -0.2% 17 A 0.1% 45.5 45.5 0.2 45.3 0.5% 47.4 47.4 32.1% 55.7 55.3 -0.4 -0.6% 32.1% 51.9 51.7 -0.3% 32.1% 47.3 47.4 0.0 0.1% 32.1% 45.3 45.5 0.2 0.3% 33.3% -0.7% 33.3% 51.6 -0.2 -0.3% 33.3% 0.1 0.1% 33.3% 45.3 45.5 0.2 0.4% 34.6% 55.6 -0.4 -0.8% 34.6% 51.8 51.5 -0.2 -0.4% 34.6% 47.2 47.3 0.1% 34.6% 45.2 45.4 0.2 0.5% 35.8% -0.8% 35.8% 51.5 35.8% 35.8% 0.2 55.6 -0.2% 0.2% 45.4 0.5% 37.0% 55.6 55.0 -0.5 -1.0% 37.0% 51.6 51.5 -0.1-0.2% 37.0% 47.1 47.2 0.0 0.1% 37.0% 45.2 45.4 0.3 0.6% 38.3% 55.5 -1.0% 38.3% 51.4 38.3% 47.1 47.2 38.3% 0.3 0.2% 45.4 0.7% 39.5% 55.4 54.9 -0.5 -0.9% 39.5% 51.5 51.4 -0.1 -0.2% 39.5% 47.1 47.1 0.1% 39.5% 45.1 45.4 0.3 0.7% 40.7% 55.2 54.8 -0.7% 40.7% 51.5 51.4 -0.1 -0.2% 40.7% 46.9 47.1 0.2 0.4% 40.7% 45.1 45.4 0.3 0.7% 42.0% 55.2 54.8 -0.4-0.8% 42.0% 51.5 51.4 -0.2% 42.0% 46.8 47.1 0.3 0.6% 42.0% 45.1 45.4 0.3 0.7% 0.8% 43.2% 55.0 54.7 -0.3 -0.6% 43.2% 51.5 51.4 -0.1 -0.2% 43.2% 46.8 47.1 0.3 0.6% 43.2% 44.9 45.3 0.3 44.4% -0.3 -0.6% 44.4% 51.4 51.3 -0.1% 44.4% 46.8 47.0 0.3 0.5% 44.4% 44.9 45.2 0.3 0.7% 45.7% 45.7% 45.7% 55.0 54.7 -0.3 -0.6% 51.4 51.3 -0.1 -0.2% 46.8 47.0 0.3 0.5% 45.7% 44.9 45.2 0.3 0.7% -0.7% 46.9% 55.0 54.6 -0.446.9% 51.3 51.2 -0.2% 46.9% 46.7 47.0 0.6% 46.9% 44.9 45.2 0.3 0.7% 48.1% 49.4% 54.9 54.5 -0.4 -0.8% 48.1% 51.3 51.0 -0.2 -0.4% 48.1% 46.7 47.0 0.3 0.6% 48.1% 44 9 45.2 0.3 0.7% -0.5-0.9% 49.4% 51.0 -0.3-0.5% 49.4% 46.7 47.0 0.6% 49.4% 44.8 45.1 0.3 50.6% 50.6% 50.6% 54.9 54.4 -0.5 -0.9% 51.2 50.9 -0.3 -0.7% 46.7 46.9 0.2 0.4% 50.6% 44.8 45.1 0.3 0.7% 51.9% -0.6 -1.0% 51.9% 50.9 -0.3 -0.4 -0.6% 46.6 46.9 0.6% 51.9% 53.1% 45.1 0.3 0.6% 53.1% 53.1% 53.1% 54.3 0.2 54.8 -0.6 -1.0% 51.2 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43.7 0.1 0.3% 87.7% 52.9 52.9 0.0 0.0% 87.7% 49.6 494 -0.2 -0.4% 87.7% 45.0 45.2 0.1 0.3% 87.7% 43.5 43.7 0.2 0.4% 88.9% 52.9 52.6 -0.3 -0.5% 88.9% 49.6 49.4 -0.2 -0.4% 88.9% 45.0 45.0 0.0 -0.1% 88.9% 43.5 43.6 0.1 0.2% 90.1% 52.8 52.6 -0.3 -0.5% 90.1% 49.6 49.4 -0.2 -0.4% 90.1% 45.0 45.0 0.0 0.0% 90.1% 43.5 43.6 0.1 0.2% 91.4% 52.4 -0.6% 91.4% 49.4 91.4% 44.9 44.9 -0.1 0.1 91.4% 43.5 43.6 0.1 91.4% 92.6% 92.6% 52.6 52.4 -0.2 -0.4% 49 3 493 0.0 0.0% 44.8 44 9 0.1% 92.6% 43.5 43.6 0.2% 93.8% -0.4% 44.7 44.8 93.8% 52.6 52.4 -0.293.8% 49.3 49.3 0.0 0.0% 93.8% 0.1% 43.4 43.5 0.1 0.2% 95.1% 95.1% 95.1% 95.1% 52.3 52.3 -0.1 -0.2% 49.0 49.2 0.2 0.3% 44.5 44.8 0.3 0.7% 43.3 43.4 0.1 0.3% 96.3% 51.9 51.9 -0.8% 96.3% 49.0 48.9 -0.1% 96.3% 97.5% 44.1 44.6 0.5 1.0% 96.3% 97.5% 42.9 43.2 0.4 0.8% 97.5% 0.1% 97.5% 0.3% 51.8 0.1 48 9 48.7 -0 2 -0.4% 44 0 444 0.9% 42.8 429 -0.5% -0.2% 98.8% 0.5% 100.0% 100.0% 100.0% 51.3 51.0 -0.5% 100.0% 48.6 48.5 -0.2% 42.9 43.3 0.4 0.9% 42.4 42.7 0.3 0.7%

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

April

March

February

Percent Percent Percent Percent No Action Alternative Alternative B Absolute Relative Exceedance Relative Exceedance Relative Relative Difference Difference Difference Difference Monthly Temperature Difference (%) Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) 0.0% 48.6 48.6 0.0% 0.0% 53.1 53.1 0.0% 56.2 57.2 1.8% 58.6 -0.3% -0.1% 1.2% 48.2 48.3 0.0 0.1% 1.2% 52.4 52.4 -0.1 1.2% 55.5 56.0 0.5 0.9% 1.2% 58.5 58.5 0.0 -0.1% 2.5% 48.0 48.2 0.4% 2.5% 51.8 52.0 0.4% 2.5% 55.1 55.3 0.4% 2.5% 58.4 58.1 -0.4-0.6% 3.7% 3.7% 48.0 48.1 0.1 0.2% 3.7% 51.7 51.8 0.1 0.1% 3.7% 55.0 55.2 0.2 0.3% 58.0 57.8 -0.2 -0.4% 4.9% 48.0 48.0 0.0 0.0% 4.9% 51.4 51.7 0.3 0.6% 4.9% 54.9 55.0 0.1% 4.9% 57.8 57.6 -0.2 -0.3% 6.2% 6.2% 6.2% 6.2% 47.9 47.9 0.0 0.1% 51.4 51.5 0.1 0.2% 54.9 55.0 0.1 0.2% 57.7 57.4 -0.3 -0.6% 7.4% 0.0% 7.4% 51.5 51.3 0.3% 7.4% 54.8 0.4% 7.4% 57.2 57.1 -0.2 0.0% 0.2 8.6% -0.3% 8.6% 8.6% 8.6% 47.8 47.7 -0.1 51.3 0.1% 54.7 55.0 0.3 0.5% 56.8 -0.4% 9.9% 11.1% 12.3% 9.9% 0.0% -0.5% 11.1% 12.3% 47.5 47.6 0.0 0.1% 11.1% 51.1 51.3 0.2 0.3% 11.1% 54.6 54.8 0.2 0.4% 56.9 56.5 -0.4 -0.7% 13.6% 13.6% 13.6% -0.2% 13.6% 47.3 47.5 0.1 0.3% 51 1 51.0 -0.1 54.1 54.8 0.7 1.2% 56.9 56.5 -0.4 -0.7% 16.0% 16.0% 16.0% 16.0% 47.2 47.2 0.0 0.1% 50.7 50.7 0.0 0.0% 54.0 54.7 0.6 1.2% 56.7 56.3 -0.4 -0.8% 18.5% 0.0% 18.5% -0.1% 18.5% 18.5% 47.1 47.2 0.0 50.5 50.5 -0.1 53.9 54.5 0.6 1.1% 56.4 56.1 -0.3 -0.6% 19.8% 21.0% 47.1 47.0 47.1 47.1 0.0 50.4 19.8% 21.0% 0.6 1.2% 19.8% 21.0% -0.2 -0.2 21.0% 0.0 0.2% 50.3 50.3 0.0% 53.8 54.4 56.3 56.1 -0.3% 22.2% 23.5% 47.0 46.9 0.1 0.2% 22.2% 23.5% -0.1% 22.2% 23.5% 1.2% 22.2% 23.5% 56.2 -0.2 -0.2 50.3 46.9 50.3 50.3 0.0 -0.1% 53.7 54.3 0.6 56.2 56.0 -0.4% 24.7% 25.9% 0.0% 24.7% 25.9% 24.7% 25.9% 24.7% 25.9% 46.9 46.8 50.2 50.1 50.3 0.0% 53.6 0.8% 56.2 55.9 -0.3 -0.2 0.5% 46.8 0.0 50.3 0.1 0.3% 54.0 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0.4 0.7% 54.7 54.8 0.0 0.0% 58.0% 58.0% 58.0% 46.0 46.1 0.1 0.1% 48.9 49.0 0.1 0.3% 52.5 52.8 0.3 0.5% 58.0% 54.4 54.6 0.3 0.5% 60.5% 60.5% 60.5% 46.0 46.0 0.0 0.0% 48.8 48.8 0.0 0.0% 52.3 52.7 0.4 0.8% 60.5% 54.3 54.5 0.2 0.4% 61.7% 48.8 63.0% 63.0% 63.0% 0.1% 0.5 63.0% 45.9 45.9 0.0 0.0% 48.8 48.8 0.1 52.1 52.6 1.0% 54.2 54.4 0.2 0.3% 64.2% 65.4% 45.9 45.9 45.9 45.9 64.2% 65.4% 64.2% 65.4% 1.0% 64.2% 65.4% 54.2 54.2 0.0 0.1 48.8 0.1 0.2% 52.5 0.5 54.3 0.2% 0.0% 48.7 52.1 66.7% 67.9% 45.8 45.8 0.1% 66.7% 67.9% 66.7% 67.9% 66.7% 67.9% 54.3 54.2 45.9 0.1 48.7 0.0% 52.0 52.5 0.9% 54.2 0.1 0.2% 0.5 48.7 48.7 52.0 52.5 54.1 45.8 0.0 0.0 0.1% 1.0% 0.3% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 0.0% 48.7 45.7 0.3 45.6 0.0 0.1% 48.6 48.6 0.0 0.0% 51.6 52.5 0.8 1.6% 54.0 54.2 0.5% 71.6% 45.5 45.4 -0.1 -0.2% 71.6% 48.5 48.5 0.0% 71.6% 52.5 0.9 71.6% 53.8 54.2 0.4 72.8% 45.4 45.4 0.0 0.0% 72.8% 48.5 48.5 0.1 0.1% 72.8% 51.5 52.4 0.9 1.7% 72.8% 53.8 54.0 0.2 0.5% 0.0% 74.1% 75.3% 74.1% 75.3% 45.4 74.1% 48.3 74.1% 1.8% 1.5% 53.8 0.2 75.3% 0.1% 75.3% 0.8 53.9 0.3% 76.5% 45.4 45.3 0.0 0.0% 76.5% 48.0 48.2 0.5% 76.5% 51.4 52.2 0.8 1.5% 76.5% 53.7 53.9 0.2 0.4% 77.8% 0.0% 77.8% 77.8% 1.4% 77.8% 0.5 45.3 0.4% 53.9 1.0% 79.0% 45.2 45.2 0.0 -0.1% 79.0% 47.9 48.1 0.2 0.3% 79.0% 51.3 51.7 0.5 0.9% 79.0% 53.4 53.9 0.5 1.0% 80.2% 80.2% 48.0 80.2% 80.2% 53.3 45.2 0.0% 47.9 0.1% 51.2 51.6 53.8 0.8% 81.5% 45.1 45.1 0.0 0.1% 81.5% 47.9 48.0 0.1% 81.5% 51.2 51.6 0.5 0.9% 81.5% 53.2 53.8 0.5 1.0% 82.7% 45.0 45.1 0.1% 82.7% 47.8 48.0 0.3% 82.7% 51.2 0.5 0.9% 82.7% 53.2 53.7 0.4 0.8% 84.0% 45.0 45.0 0.0 0.0% 84.0% 47.8 47.9 0.2% 84.0% 51.1 51.3 0.2 0.3% 84.0% 53.1 53.6 0.5 0.9% 85.2% 44.9 44.9 0.0 0.0% 85.2% 47.7 47.8 0.1 0.1% 85.2% 51.0 51.2 0.2 0.4% 85.2% 53.1 53.4 0.3 0.6% 86.4% 44.9 44.9 0.0% 86.4% 47.7 47.7 0.0% 86.4% 50.9 0.4% 86.4% 53.1 53.4 0.3 0.5% 87.7% 44.9 44 9 0.0 0.0% 87.7% 47.6 47.7 0.1 0.2% 87.7% 50.6 51.1 0.4 0.8% 87.7% 53.1 53.3 0.2 0.4% 88.9% 44.8 0.0 0.0% 88.9% 47.6 47.6 0.0 0.0% 88.9% 50.3 51.1 0.7 1.5% 88.9% 53.0 53.2 0.2 0.3% 90.1% 44.7 44.8 0.1 0.2% 90.1% 47.5 47.6 0.1 0.2% 90.1% 50.3 51.0 0.7 1.5% 90.1% 53.0 53.1 0.1 0.3% 91.4% 44.6 91.4% 47.5 91.4% 50.2 91.4% 53.0 53.1 91.4% 92.6% 92.6% 44.6 44.6 0.0 0.1% 47.4 47.4 0.0 0.0% 50.1 50.8 0.7 1.3% 92.6% 52.8 53.0 0.2 0.4% 93.8% 44.5 0.0 47.2 47.2 50.8 93.8% 52.7 0.2 0.0% 93.8% 0.0 0.0% 93.8% 50.1 1.3% 52.9 0.4% 95.1% 95.1% 95.1% 95.1% 44.5 44.5 0.0 0.1% 47.0 47.0 0.0 0.0% 50.1 50.3 0.2 0.3% 52.7 52.7 0.0 0.0% 96.3% 44.4 0.1% 96.3% 46.8 46.9 0.0% 96.3% 97.5% 50.1 0.1% 96.3% 97.5% 52.5 0.2 0.4% 97.5% 97.5% 0.1 0.1% 44 4 444 0.0 0.0% 46.8 46.8 0.0 0.0% 50.0 50.1 0.2% 523 524 0.0% 0.2% -0.2% 98.8% 100.0% 100.0% 100.0% 43.7 43.7 0.0 0.0% 100.0% 46.2 46.2 0.0% 48.5 48.4 0.0 0.0% 52.0 51.8 -0.1 -0.3%

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

August

September

Percent		June			Percent		July			Percent		August			Percent				
Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%) 0.0%	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	59.3	58.9	-0.4	-0.7%	0.0%	62.0	60.3	-1.7	-2.7%	0.0%	66.5	66.0	-0.5	-0.8%	0.0%	66.8	66.6	-0.1	-0.2%
1.2%	59.1	58.4	-0.7	-1.2%	1.2%	59.9	60.0	0.1	0.2%	1.2%	65.9	63.6	-2.3	-3.5%	1.2%	65.1	63.8	-1.3	-1.9%
2.5%	57.8	57.8	0.0	0.0%	2.5%	59.6	59.4	-0.2	-0.3%	2.5%	65.0	61.2	-3.9	-5.9%	2.5%	65.0	63.7	-1.2	-1.9%
3.7%	57.5	57.7	0.2	0.3%	3.7%	59.5	59.2	-0.2	-0.4%	3.7%	63.7	60.4	-3.3	-5.2%	3.7%	64.8	63.7	-1.2	-1.8%
4.9%	57.4	57.4	0.0	0.0%	4.9%	59.2	59.0	-0.2	-0.4%	4.9%	61.0	59.3	-1.7	-2.7%	4.9%	64.0	63.5	-0.5	-0.8%
6.2% 7.4%	56.8 56.8	56.9 56.7	0.1 -0.1	0.2% -0.2%	6.2% 7.4%	59.2 59.0	58.5 58.3	-0.7 -0.7	-1.2% -1.2%	6.2% 7.4%	60.0 59.9	58.9 58.8	-1.1 -1.0	-1.8% -1.7%	6.2% 7.4%	63.9 63.9	63.4 62.2	-0.5 -1.7	-0.8%
8.6%	56.8	56.7	-0.1	0.0%	7.4% 8.6%	59.0 58.9	58.3 58.3	-0.7	-1.2% -1.1%	8.6%	59.9 58.8	58.8 57.9	-0.9	-1.7% -1.5%	7.4% 8.6%	61.9	62.2	-1.7	-2.6%
9.9%	56.5	56.7	0.0	0.0%	9.9%	57.9	57.7	-0.6	-0.4%	9.9%	58.3	57.9 57.9	-0.9	-0.8%	9.9%	61.2	60.3	-0.9	-1.4%
11.1%	56.5	56.5	0.1	0.2%	11.1%	57.7	57.7	-0.2	-0.2%	11.1%	58.1	57.5	-0.6	-1.0%	11.1%	60.2	59.7	-0.5	-0.8%
12.3%	56.1	56.5	0.4	0.7%	12.3%	57.6	57.4	-0.1	-0.2%	12.3%	58.1	57.5	-0.6	-1.0%	12.3%	59.8	59.7	-0.1	-0.2%
13.6%	56.0	56.2	0.2	0.3%	13.6%	57.4	57.2	-0.1	-0.2%	13.6%	58.0	57.5	-0.5	-0.9%	13.6%	59.8	59.2	-0.6	-1.0%
14.8%	55.9	56.0	0.1	0.2%	14.8%	57.2	57.0	-0.2	-0.4%	14.8%	57.7	57.4	-0.3	-0.5%	14.8%	59.8	58.9	-0.9	-1.4%
16.0%	55.9	55.9	0.1	0.1%	16.0%	56.8	56.8	0.0	0.0%	16.0%	57.4	57.4	0.0	-0.1%	16.0%	59.7	58.9	-0.8	-1.3%
17.3%	55.8	55.8	0.0	0.0%	17.3%	56.7	56.5	-0.2	-0.4%	17.3%	57.2	57.3	0.0	0.1%	17.3%	59.3	58.8	-0.4	-0.7%
18.5%	55.7	55.6	-0.1	-0.2%	18.5%	56.5	56.5	0.0	-0.1%	18.5%	57.0	57.2	0.1	0.3%	18.5%	59.1	58.5	-0.7	-1.1%
19.8%	55.7	55.6	-0.1	-0.2%	19.8%	56.5	56.2	-0.3	-0.6%	19.8%	57.0	57.0	0.0	0.1%	19.8%	59.1	58.1	-1.0	-1.7%
21.0%	55.6	55.5	-0.1	-0.1%	21.0%	56.2	56.1	-0.1	-0.2%	21.0%	56.9	57.0	0.1	0.2%	21.0%	58.9	58.1	-0.8	-1.3%
22.2%	55.6	55.5	-0.1	-0.2%	22.2%	56.1	56.1	0.0	0.0%	22.2%	56.9	57.0	0.1	0.2%	22.2%	58.8	58.0	-0.8	-1.4%
23.5%	55.5	55.3	-0.2	-0.3%	23.5%	56.0	56.1	0.1	0.1%	23.5%	56.9	56.9	0.0	0.0%	23.5%	58.6	58.0	-0.6	-1.1%
24.7%	55.4	55.3	-0.1	-0.2%	24.7%	56.0	56.1	0.1	0.1%	24.7%	56.9	56.9	0.0	0.0%	24.7%	58.1	57.8	-0.4	-0.6%
25.9%	55.4	55.3	-0.1	-0.3%	25.9%	56.0	56.0	0.0	0.0%	25.9%	56.7	56.9	0.1	0.2%	25.9%	58.1	57.7	-0.4	-0.7%
27.2%	55.4	55.2	-0.2	-0.3%	27.2%	55.9	55.9	0.0	0.0%	27.2%	56.7	56.8	0.1	0.2%	27.2%	58.0	57.6	-0.4	-0.7%
28.4%	55.3	55.2	-0.1	-0.1%	28.4%	55.9	55.9	0.0	-0.1%	28.4%	56.6	56.8	0.2	0.3%	28.4%	58.0	57.4	-0.6	-1.1%
29.6% 30.9%	55.3 55.3	55.2 55.2	-0.1 -0.1	-0.1% -0.2%	29.6% 30.9%	55.9 55.9	55.8 55.8	0.0 -0.1	-0.1% -0.1%	29.6% 30.9%	56.6 56.6	56.4 56.3	-0.2 -0.3	-0.4% -0.6%	29.6% 30.9%	57.8 57.8	57.3 57.2	-0.6 -0.6	-1.0%
30.9%	55.3 55.1	55.2 55.1	-0.1 0.0	-0.2% 0.1%	30.9%	55.9 55.9	55.8 55.8	-0.1 -0.1	-0.1% -0.1%	30.9% 32.1%	56.6 56.6	56.3 56.3	-0.3 -0.3	-0.6%	30.9%	57.8 57.8	57.2 57.2	-0.6 -0.5	-1.0% -1.0%
32.1%	55.1 55.1	55.1 55.1	0.0	0.1%	32.1%	55.9 55.9	55.8 55.7	-0.1	-0.1% -0.2%	32.1%	56.6	56.2	-0.3	-0.5%	32.1%	57.8 57.6	57.2 57.2	-0.5	-1.0%
33.3%	55.1 55.1	55.1 55.1	0.0	0.1%	33.3%	55.9 55.8	55.7 55.7	-0.1	-0.2%	33.3%	56.5	56.2 56.2	-0.3	-0.6%	33.3%	57.6	57.2 57.2	-0.4	-0.7%
35.8%	55.0	55.1	0.1	0.1%	35.8%	55.7	55.6	-0.2	-0.2%	35.8%	56.5	56.2	-0.3	-0.6%	35.8%	57.4	57.1	-0.4	-0.5%
37.0%	55.0	55.1	0.1	0.1%	37.0%	55.7	55.5	-0.1	-0.3%	37.0%	56.4	56.1	-0.3	-0.6%	37.0%	57.4	57.1	-0.2	-0.4%
38.3%	55.0	54.9	0.0	-0.1%	38.3%	55.6	55.5	-0.2	-0.3%	38.3%	56.4	56.1	-0.3	-0.6%	38.3%	57.3	57.1	-0.2	-0.4%
39.5%	55.0	54.9	0.0	-0.1%	39.5%	55.5	55.4	-0.1	-0.2%	39.5%	56.2	56.1	-0.2	-0.3%	39.5%	57.3	57.0	-0.3	-0.5%
40.7%	55.0	54.9	-0.1	-0.1%	40.7%	55.5	55.4	-0.1	-0.2%	40.7%	56.1	56.0	-0.1	-0.2%	40.7%	57.3	56.9	-0.4	-0.7%
42.0%	55.0	54.9	0.0	-0.1%	42.0%	55.5	55.4	-0.1	-0.2%	42.0%	56.1	56.0	-0.1	-0.2%	42.0%	57.3	56.9	-0.4	-0.7%
43.2%	54.9	54.9	-0.1	-0.1%	43.2%	55.4	55.3	-0.1	-0.1%	43.2%	56.1	56.0	-0.1	-0.2%	43.2%	57.2	56.6	-0.6	-1.0%
44.4%	54.8	54.9	0.0	0.0%	44.4%	55.4	55.2	-0.1	-0.2%	44.4%	56.1	55.9	-0.1	-0.3%	44.4%	57.1	56.5	-0.6	-1.1%
45.7%	54.8	54.8	0.0	0.0%	45.7%	55.2	55.2	0.0	0.0%	45.7%	56.1	55.9	-0.1	-0.2%	45.7%	57.1	56.5	-0.6	-1.0%
46.9%	54.8	54.8	0.0	0.0%	46.9%	55.2	55.2	0.0	0.0%	46.9%	56.1	55.9	-0.2	-0.3%	46.9%	57.1	56.5	-0.6	-1.1%
48.1%	54.8	54.8	0.0	0.0%	48.1%	55.2	55.1	-0.1	-0.1%	48.1%	56.0	55.8	-0.2	-0.3%	48.1%	57.0	56.5	-0.5	-0.9%
49.4%	54.7	54.8	0.1	0.3%	49.4%	55.1	55.1	0.0	0.0%	49.4%	56.0	55.8	-0.2	-0.3%	49.4%	57.0	56.4	-0.6	-1.0%
50.6%	54.7	54.7	0.1	0.1%	50.6%	55.0	55.0	0.0	0.1%	50.6%	55.9	55.8	0.0	-0.1%	50.6%	57.0	56.4	-0.6	-1.1%
51.9%	54.6	54.7	0.0	0.1%	51.9%	54.8	55.0	0.2	0.3%	51.9%	55.8	55.8	-0.1	-0.1%	51.9%	56.9	56.3	-0.7	-1.2%
53.1% 54.3%	54.6 54.6	54.7 54.6	0.0	0.1%	53.1% 54.3%	54.7 54.7	54.9 54.9	0.2 0.1	0.4%	53.1% 54.3%	55.8 55.8	55.7 55.7	0.0 -0.1	-0.1% -0.1%	53.1% 54.3%	56.8 56.7	56.3 56.3	-0.5 -0.4	-0.8% -0.7%
54.3%	54.6	54.6	0.0	0.0%	55.6%	54.7 54.7	54.9 54.8	0.1	0.2%	54.3% 55.6%	55.8	55.7	-0.1	-0.1%	54.3% 55.6%	56.6	56.3 56.3	-0.4	-0.7%
56.8%	54.6	54.6	0.0	0.0%	56.8%	54.7	54.8	0.1	0.2%	56.8%	55.7	55.6	-0.1	-0.1%	56.8%	56.4	56.1	-0.4	-0.5%
58.0%	54.6	54.6	0.0	0.0%	58.0%	54.6	54.7	0.1	0.2%	58.0%	55.6	55.6	0.0	0.0%	58.0%	56.4	56.1	-0.3	-0.5%
59.3%	54.5	54.5	0.0	0.0%	59.3%	54.6	54.7	0.1	0.2%	59.3%	55.6	55.6	0.0	0.0%	59.3%	56.3	56.1	-0.2	-0.3%
60.5%	54.5	54.5	0.0	0.0%	60.5%	54.6	54.7	0.1	0.2%	60.5%	55.6	55.5	0.0	-0.1%	60.5%	56.2	56.0	-0.2	-0.4%
61.7%	54.4	54.4	0.0	-0.1%	61.7%	54.6	54.6	0.0	0.0%	61.7%	55.6	55.5	0.0	-0.1%	61.7%	56.2	56.0	-0.2	-0.3%
63.0%	54.4	54.3	-0.1	-0.1%	63.0%	54.5	54.5	0.0	0.0%	63.0%	55.6	55.5	-0.1	-0.2%	63.0%	56.1	55.9	-0.2	-0.3%
64.2%	54.4	54.3	-0.1	-0.1%	64.2%	54.5	54.5	0.0	-0.1%	64.2%	55.5	55.5	-0.1	-0.1%	64.2%	56.0	55.8	-0.1	-0.2%
65.4%	54.4	54.3	0.0	-0.1%	65.4%	54.4	54.5	0.1	0.1%	65.4%	55.5	55.5	-0.1	-0.1%	65.4%	56.0	55.8	-0.2	-0.3%
66.7%	54.3	54.3	0.1	0.1%	66.7%	54.4	54.5	0.1	0.1%	66.7%	55.5	55.5	0.0	-0.1%	66.7%	55.8	55.8	0.0	-0.1%
67.9%	54.2	54.3	0.1	0.2%	67.9%	54.4	54.5	0.1	0.1%	67.9%	55.5	55.4	0.0	-0.1%	67.9%	55.8	55.6	-0.2	-0.3%
69.1%	54.0	54.3	0.2	0.4%	69.1%	54.4	54.4	0.1	0.1%	69.1%	55.5	55.4	0.0	-0.1%	69.1%	55.6	55.6	-0.1	-0.2%
70.4%	54.0	54.3	0.2	0.4%	70.4%	54.4	54.4	0.1	0.1%	70.4%	55.4	55.4	0.0	0.0%	70.4%	55.6	55.5	-0.1	-0.2%
71.6%	54.0	54.3	0.3	0.5%	71.6%	54.4	54.4	0.1	0.1%	71.6%	55.4	55.4	0.0	0.0%	71.6%	55.6	55.4	-0.2	-0.3%
72.8% 74.1%	54.0 54.0	54.2 54.1	0.2	0.4%	72.8% 74.1%	54.4 54.3	54.3 54.3	0.0	0.0%	72.8% 74.1%	55.4 55.4	55.4 55.4	0.0	0.0%	72.8% 74.1%	55.6 55.5	55.3 55.3	-0.2 -0.2	-0.4%
74.1%	53.9	54.1 54.1	0.1	0.3%	74.1% 75.3%	54.3 54.2	54.3 54.3	0.0	0.1%	74.1% 75.3%	55.4 55.4	55.4 55.3	-0.1	-0.1%	74.1% 75.3%	55.5	55.3 55.3	-0.2	-0.4%
76.5%	53.9	54.0	0.2	0.3%	76.5%	54.2	54.3	0.1	0.1%	76.5%	55.4 55.4	55.3	-0.1	-0.1%	76.5%	55.4	55.2	-0.2	-0.4%
77.8%	53.9	54.0	0.1	0.2%	77.8%	54.2	54.3	0.1	0.2%	77.8%	55.3	55.3	0.0	0.0%	77.8%	55.3	55.2	-0.1	-0.2%
79.0%	53.9	53.9	0.1	0.1%	79.0%	54.2	54.3	0.1	0.2%	79.0%	55.3	55.2	0.0	-0.1%	79.0%	55.3	55.2	-0.1	-0.1%
80.2%	53.8	53.9	0.1	0.1%	80.2%	54.2	54.2	0.1	0.1%	80.2%	55.3	55.2	0.0	-0.1%	80.2%	55.3	55.2	-0.1	-0.1%
81.5%	53.8	53.9	0.1	0.1%	81.5%	54.2	54.2	0.1	0.1%	81.5%	55.2	55.1	-0.1	-0.1%	81.5%	55.0	55.2	0.1	0.2%
82.7%	53.8	53.9	0.1	0.1%	82.7%	54.1	54.2	0.1	0.3%	82.7%	55.1	55.1	0.0	0.1%	82.7%	55.0	55.1	0.1	0.2%
84.0%	53.7	53.7	0.0	0.0%	84.0%	54.1	54.1	0.0	0.1%	84.0%	55.0	55.1	0.1	0.2%	84.0%	55.0	55.1	0.1	0.1%
85.2%	53.7	53.7	0.0	0.0%	85.2%	54.0	54.1	0.0	0.0%	85.2%	55.0	55.0	0.1	0.1%	85.2%	55.0	55.1	0.1	0.1%
86.4%	53.6	53.6	0.0	0.0%	86.4%	54.0	54.0	0.0	-0.1%	86.4%	54.9	55.0	0.1	0.2%	86.4%	55.0	55.0	0.0	0.0%
87.7%	53.6	53.6	0.0	0.0%	87.7%	54.0	54.0	0.0	-0.1%	87.7%	54.7	54.9	0.2	0.4%	87.7%	54.9	55.0	0.0	0.1%
88.9%	53.5	53.6	0.0	0.0%	88.9%	53.9	53.9	0.1	0.1%	88.9%	54.7	54.9	0.2	0.4%	88.9%	54.8	54.7	-0.1	-0.2%
90.1%	53.4	53.6	0.1	0.3%	90.1%	53.9	53.8	0.0	-0.1%	90.1%	54.7	54.9	0.2	0.4%	90.1%	54.8	54.6	-0.2	-0.3%
91.4%	53.2	53.5	0.3	0.5%	91.4%	53.9	53.8	0.0	-0.1%	91.4%	54.7	54.8	0.1	0.3%	91.4%	54.6	54.5	-0.1	-0.2%
92.6%	53.2	53.3	0.2	0.3%	92.6%	53.8	53.8	0.0	0.0%	92.6%	54.6	54.8	0.2	0.3%	92.6%	54.5	54.4	-0.1	-0.2%
93.8%	53.0	53.3	0.3	0.5%	93.8%	53.7	53.5	-0.2	-0.4%	93.8%	54.4	54.6	0.2	0.4%	93.8%	54.5	54.3	-0.1	-0.3%
95.1%	53.0	53.2	0.2	0.4%	95.1%	53.4	53.4	0.0	0.0%	95.1%	54.2	54.4	0.2	0.3%	95.1%	54.4	54.1	-0.3	-0.5%
96.3% 97.5%	52.9 52.7	53.1 53.0	0.1	0.3% 0.5%	96.3% 97.5%	53.4 53.2	53.3 53.1	-0.1	-0.1% -0.2%	96.3% 97.5%	54.2 53.9	54.2 54.0	0.0	0.1%	96.3% 97.5%	54.1 54.0	53.7 53.1	-0.4 -1.0	-0.7% -1.8%
98.8%	52.7 52.6	53.0	0.3	0.5%	97.5%	53.2	53.1	-0.1	-0.2%	98.8%	53.9	54.0	0.1	0.1%	97.5%	54.0 52.8	53.0	0.2	0.4%
100.0%	52.4	52.1	-0.3	-0.7%	100.0%	53.1	53.1	-0.1	-0.1%	100.0%	53.5	53.6	0.2	0.3%	100.0%	52.7	53.0	0.2	0.5%
100.076	J2.7	J4.1	-0.0	-0.770	100.070	33.1	33.1	-0.1	-0.170	100.070	55.5	33.0	0.1	0.070	100.070	JL.I	33.0	0.0	0.070

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

				-g		thly Temn	erature (DI	FG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Mav	Jun	Jul	Aua	Sep
					ng-term			,				
Full Simulation Period ¹												
No Action Alternative	55.2	51.1	46.4	44.7	46.2	49.4	52.8	55.4	55.5	56.2	57.2	57.8
Alternative B	54.8	51.0	46.6	44.9	46.2	49.5	53.3	55.5	55.5	56.1	57.0	57.5
Difference	-0.4	-0.2	0.2	0.2	0.0	0.1	0.5	0.1	0.0	-0.1	-0.2	-0.4
Percent Difference ³	-0.7%	-0.3%	0.4%	0.5%	0.0%	0.1%	0.9%	0.1%	0.1%	-0.1%	-0.4%	-0.69
				Water Y	ear Types	2						
Wet (32%)												
No Action Alternative	54.6	51.6	46.5	44.7	45.9	48.5	51.9	55.2	55.4	56.2	56.5	55.7
Alternative B	54.5	51.5	46.8	44.8	45.9	48.5	52.0	55.0	55.2	56.2	56.6	55.7
Difference	-0.1	-0.1	0.3	0.1	0.0	0.0	0.1	-0.2	-0.2	0.1	0.1	0.0
Percent Difference	-0.1%	-0.2%	0.7%	0.3%	0.0%	0.1%	0.2%	-0.4%	-0.3%	0.1%	0.2%	0.0%
Above Normal (15%)												
No Action Alternative	54.2	50.9	46.9	44.9	46.2	49.6	53.2	56.0	54.7	55.1	56.6	56.8
Allemative B	54.0	50.9	47.2	45.1	46.3	49.6	53.6	55.7	54.8	55.1	56.6	56.8
Difference	-0.2	0.0	0.4	0.2	0.0	0.0	0.3	-0.3	0.1	0.0	0.0	0.0
Percent Difference	-0.3%	0.0%	0.8%	0.4%	0.0%	0.1%	0.6%	-0.5%	0.2%	0.0%	0.0%	0.0%
Below Normal (17%)												
No Action Alternative	53.9	50.6	46.7	44.5	45.8	49.3	53.3	55.5	55.0	55.5	56.2	57.6
Alternative B	53.6	50.5	46.8	44.7	45.8	49.4	53.8	55.6	55.1	55.5	56.1	57.1
Difference	-0.3	-0.1	0.1	0.2	0.0	0.0	0.6	0.2	0.0	0.0	-0.1	-0.5
Percent Difference	-0.5%	-0.1%	0.2%	0.4%	0.0%	0.1%	1.1%	0.3%	0.1%	0.1%	-0.2%	-0.9%
Dry (22%)												
No Action Alternative	55.5	51.2	46.3	44.6	46.3	50.1	53.3	55.0	55.5	55.7	57.0	58.8
Alternative B	54.9	50.9	46.3	45.0	46.3	50.2	54.0	55.3	55.7	55.7	56.7	58.2
Difference	-0.6	-0.3	0.0	0.4	0.0	0.1	0.7	0.3	0.2	0.0	-0.3	-0.6
Percent Difference	-1.0%	-0.6%	0.0%	0.9%	0.0%	0.2%	1.3%	0.6%	0.5%	-0.1%	-0.6%	-1.19
Critical (15%)												
No Action Alternative	58.6	51.0	45.5	44.6	46.9	50.3	52.9	55.8	56.9	59.0	60.6	62.3
Alternative B	57.6	50.6	45.6	44.8	47.0	50.5	53.8	56.4	57.0	58.4	59.5	61.4
Difference	-1.0	-0.4	0.1	0.2	0.1	0.1	0.8	0.6	0.1	-0.5	-1.1	-0.9
Percent Difference	-1.7%	-0.7%	0.2%	0.4%	0.2%	0.2%	1.5%	1.1%	0.1%	-0.9%	-1.8%	-1.59



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

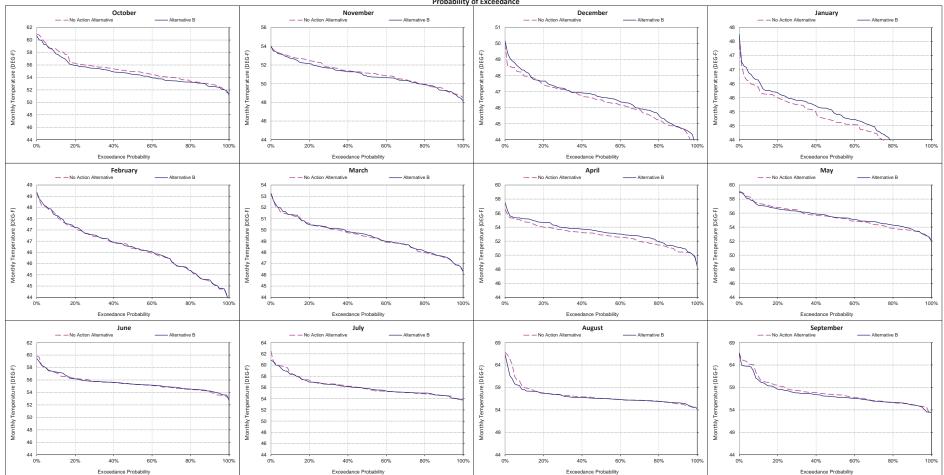


Table SO-05-5b Sacramento River at Bend Bridge, Monthly Temperature Probability of Exceedanc

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January Percent Percent Percent Percent No Action Alternative Alternative B Absolute Relative Exceedance Relative Exceedance Relative Relative Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG.E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% 0.0% 60.9 60.7 -0.3 -0.5% 0.0% 53.9 0.2% 0.0% 50.0 50.2 0.3% 47.8 1.2% 60.8 60.0 -0.8 -1.3% 1.2% 53.7 53.5 -0.2 -0.3% 1.2% 48.6 49.4 0.8 1.7% 1.2% 46.7 46.8 0.1 0.2% 2.5% 60.4 60.0 -0.4-0.7% 2.5% 53.4 53.5 0.2% 2.5% 48.6 49.1 1.0% 2.5% 46.3 46.6 0.7% 3.7% 3.7% 59.8 59.3 -0.5 -0.8% 3.7% 53.3 53.2 -0.1 -0.2% 3.7% 48.5 48 9 0.4 0.9% 46.1 46.6 0.4 0.9% 4.9% 59.5 59.3 -0.2 -0.3% 4.9% 53.2 53.2 -0.1 -0.1% 4.9% 48.5 48.8 0.3 0.6% 4.9% 46.1 46.4 0.3 0.6% 6.2% 6.2% 6.2% 6.2% 58.8 58.7 -0.1 -0.1% 53.1 53.1 0.0 -0.1% 48.3 48.6 0.4 0.8% 46.0 46.3 0.3 0.7% 7.4% 0.0% 7.4% 52.9 -0.2 -0.1 -0.3% 7.4% 48.2 0.6% 7.4% 46.0 46.2 0.2 0.5% 0.3 8.6% 8.6% 8.6% 8.6 · . 9.9% 11.1% 12.3% 8.6% 58.6 58.3 -0.3 53.0 52.9 -0.3% 48.2 48.4 0.3% 45.9 46.1 0.5% -1.4% -0.4% 0.8% 9.9% 0.5% 11.1% 12.3% 58.2 57.7 -0.6 -1.0% 11.1% 52.9 52.7 -0.2 -0.3% 11.1% 48.0 48.2 0.2 0.5% 45.7 46.0 0.3 0.7% 13.6% 13.6% 13.6% -0.4% 0.3% 58 1 57 1 -1.0 -1.7% 52.7 52.5 -0 2 47 9 479 0.0 -0.1% 45.6 45.8 0.1 47.9 16.0% 16.0% 16.0% 16.0% 57.7 56.5 -1.2 -2.0% 52.7 52.2 -0.4 -0.9% 47.8 47.7 -0.1 -0.2% 45.6 45.7 0.1 0.3% 18.5% 18.5% -0.7% 18.5% 18.5% 0.3% 56.3 56.0 -0.3 -0.6% 52.5 52.2 -0.4 47.6 47.7 0.1 0.2% 45.5 45.7 0.2 19.8% 21.0% 56.3 56.2 -0.4 -0.3 -0.7% -0.4% 52.1 52.1 -0.3 -0.3 19.8% 47.5 0.2 19.8% 21.0% 0.2 21.0% 47.4 47.7 55.9 52.4 -0.6% 0.6% 45.5 45.6 0.4% 22.2% 23.5% -0.7% 22.2% 23.5% 52.0 -0.8% 22.2% 23.5% 22.2% 23.5% 0.1 55.7 51.9 -0.4 56.1 -0.4 47.3 47.4 52.3 -0.8% 0.1 0.2% 45.4 45.6 0.4% 24.7% 25.9% -0.5% -0.6% 24.7% 25.9% 24.7% 25.9% 0.3% 24.7% 25.9% 45.5 45.5 56.0 51.8 51.8 -0.8% 47.3 17.1 45.4 0.2 0.4% 56.0 55.7 -0.3 52.3 -0.5 -0.9% 47.3 47.3 0.1 45.3 0.3% 27.2% 28.4% 27.2% 28.4% 55.9 55.6 -0.7% 27.2% 52.0 51.7 -0.6% 27.2% 47.2 45.3 45.5 0.2 55.9 -0.4 -0.7% 28.4% 51.8 51.7 -0.2% 28.4% 47.2 47.2 0.1 0.2% 45.3 0.2 0.4% -0.1 45.4 29.6% 30.9% -0.6% -0.5% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% -0.2% -0.1% 47 0.2% 45.4 0.2 0.3% 47.2 45.2 45.4 32.1% 55.7 55.4 -0.2 -0.4% 32.1% 51.7 51.7 -0.1% 32.1% 47.1 47.1 0.0% 32.1% 45.2 45.4 0.2 0.4% 33.3% -0.3 -0.6% 33.3% -0.2 -0.4% 33.3% 0.0 0.0% 33.3% 45.4 0.2 0.3% 34.6% 55.6 55.3 -0.4 -0.7% 34.6% 51.6 51.4 -0.2 -0.4% 34.6% 47.0 47.0 0.0 0.0% 34.6% 45.1 45.4 0.3 0.6% 35.8% -0.7% 35.8% 51.4 35.8% 0.0% 35.8% 0.2 55.6 -0.1% 45.3 0.5% 37.0% 55.5 -0.4-0.6% 37.0% 51.5 51.4 -0.1-0.2% 37.0% 46.9 46.9 0.0 0.0% 37.0% 45.1 45.3 0.2 0.5% 38.3% 55.5 -0.8% 38.3% 51.3 38.3% 0.3% 38.3% 0.2 -0.2% 39.5% 55.4 54.9 -0.5 -0.9% 39.5% 51.4 51.3 -0.1 -0.2% 39.5% 46.8 46.9 0.3% 39.5% 45.0 45.2 0.2 0.4% 40.7% 55.3 54.9 -0.5 -0.8% 40.7% 51.4 51.3 -0.1 -0.2% 40.7% 46.7 46.9 0.2 0.5% 40.7% 44.8 45.2 0.3 0.8% 42.0% 55.3 54.8 -0.5 -0.9% 42.0% 51.3 51.3 -0.1% 42.0% 46.7 46.9 0.2 0.5% 42.0% 44.8 45.1 0.3 0.8% 0.0% 43.2% 55.2 54.8 -0.4 -0.6% 43.2% 51.3 51.3 0.0 43.2% 46.7 46.9 0.2 0.5% 43.2% 44.8 45.1 0.4 0.8% 44.4% -0.3 -0.6% 44.4% 51.3 51.2 0.0 -0.1% 44.4% 46.6 46.9 0.5% 44.4% 44.8 45.1 0.4 0.8% 45.7% 45.7% 45.7% 55.2 54.7 -0.4 -0.8% 51.3 51.2 -0.1 -0.2% 46.6 46.8 0.2 0.5% 45.7% 44.7 45.1 0.4 0.9% 0.4 46.9% 55.0 54.7 -0.6% 46.9% 51.2 51.1 -0.3% 46.9% 46.5 46.8 0.3 0.6% 46.9% 44.7 45.1 0.8% 48.1% 49.4% 55.0 54.6 -0.4 -0.7% 48.1% 51.2 50.9 -0.3 -0.5% 48.1% 46.5 46.7 0.2 0.4% 48.1% 44.7 45.1 0.4 0.8% -0.4-0.8% 49.4% 50.9 -0.3-0.5%49.4% 46.5 0.4% 49.4% 44.7 45.0 0.3 0.6% 50.6% 50.6% 50.6% 54.9 54.5 -0.5 -0.9% 51.1 50.7 -0.4 -0.7% 46.5 46.6 0.1 0.3% 50.6% 44.6 44.9 0.3 0.6% 51.9% -0.5-0.9% 51.9% -0.4-0.7% 46.3 46.6 0.3 0.6% 51.9% 53.1% 44.9 0.3 0.6% 53.1% 53.1% 53.1% 0.6% 54 9 544 -0.5 -0.9% 51 1 50.7 -0 4 -0.8% 46.3 46.6 44 6 449 0.6% 55.6% 56.8% 55.6% 55.6% 55.6% 0.5% 54.7 54.2 -0.5 -0.9% 51.0 50.7 -0.3 -0.6% 46.3 46.6 0.3 0.6% 44.6 44.8 0.2 -0.9% 58.0% 58.0% 58.0% 54.6 54.2 -0.5 -0.8% 50.9 50.7 -0.2 -0.4% 46.3 46.5 0.2 0.5% 58.0% 44.5 44.7 0.2 0.4% 60.5% 60.5% 60.5% 54.4 53.9 -0.5 -0.9% 50.8 50.6 -0.2 -0.4% 46.2 46.3 0.2 0.4% 60.5% 44.5 44.7 0.2 0.4% 61.7% -0.9% 61.7% 50.6 447 63.0% 63.0% 54.3 63.0% 63.0% 44.7 53.8 -0.5 -0.9% 50.8 50.6 -0.2 -0.4% 46.1 46.3 0.2 0.5% 44.4 0.3 0.7% 64.2% 65.4% 54.1 54.1 53.8 53.8 -0.7% -0.7% 64.2% 65.4% 50.6 50.5 64.2% 65.4% 64.2% 65.4% 0.3 -0.4 -0.1 -0.2% 45.9 0.3 44.3 44.6 0.5% 50.6 46.2 0.6% 66.7% 67.9% -1.1% -1.0% 66.7% 67.9% 66.7% 67.9% 66.7% 67.9% 54.1 54.1 53.5 53.5 -0.6 50.4 -0.3% 45.9 46.1 0.2 0.4% 44.5 0.2 0.5% 50.4 0.2 44.5 -0.5 -0.1 44.3 50.5 -0.3% 45.9 46.0 0.2% 0.5% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% -1.0% 45 Q 44.3 44.5 0.2 54.0 53.5 50.3 44.2 -0.5 -1.0% -0.1 -0.2% 45.9 45.9 0.1 0.1% 44.5 0.5% 50.4 71.6% 54.0 53.4 -0.5 -1.0% -0.8% 71.6% 50.3 0.0% 71.6% 45.7 45.9 0.5% 71.6% 44.2 443 0.1 72.8% 53.9 53.4 -0.5 72.8% 50.3 50.2 -0.1 -0.2% 72.8% 45.6 45.9 0.3 0.6% 72.8% 44.1 44.3 0.2 0.5% -0.9% -0.7% -0.2% -0.2% 74.1% 75.3% 74.1% 75.3% 74.1% 74.1% 0.5% 0.7% 44.0 44.2 0.2 75.3% 75.3% 45.5 0.3 0.5% 76.5% 53.6 53.3 -0.3 -0.6% 76.5% 50.0 50.0 -0.1% 76.5% 45.4 45.8 0.3 0.8% 76.5% 44.0 44.1 0.2 0.4% 77.8% -0.6% 77.8% -0.1% 77.8% 0.3 0.8% 77.8% 0.2 50.0 45.4 44.1 0.5% 79.0% 53.6 -0.3 -0.6% 79.0% 49.9 50.0 0.0 0.1% 79.0% 45.2 45.7 0.4 0.9% 79.0% 43.8 43.9 0.1 0.2% 80.2% 53.3 -0.2% 80.2% 49.9 80.2% 80.2% 43.9 0.1% 45.2 45.5 0.2 43.7 0.5% 81.5% 53.3 53.2 -0.2% 81.5% 49.8 49.8 0.0% 81.5% 45.2 45.3 0.4% 81.5% 43.6 43.8 0.2 0.4% 82.7% 53.3 -0.1% 82.7% 49.8 0.2% 82.7% 45.3 0.3 0.6% 82.7% 43.6 43.8 0.2 0.4% 84.0% 53.3 53.1 -0.2 -0.3% 84.0% 49.7 49.8 0.2% 84.0% 45.0 45.2 0.2 0.5% 84.0% 43.5 43.7 0.1 0.3% 85.2% 53.1 53.1 -0.1 -0.1% 85.2% 49.6 49.7 0.0 0.1% 85.2% 44.9 45.1 0.2 0.4% 85.2% 43.5 43.6 0.1 0.3% 86.4% 53.1 53.1 -0.1% 86.4% 49.6 49.5 -0.1% 86.4% 44.9 45.0 0.3% 86.4% 43.5 43.6 0.2 0.4% 87.7% 53.0 53.0 0.0 -0.1% 87.7% 49.6 493 -0.3 -0.6% 87.7% 44 9 44 9 0.0 0.1% 87.7% 43.5 43.6 0.2 0.4% 88.9% 53.0 52.6 -0.4 -0.7% 88.9% 49.5 49.3 -0.2 -0.5% 88.9% 44.8 44.8 0.0 0.1% 88.9% 43.4 43.6 0.1 0.3% 90.1% 52.8 52.5 -0.3 -0.6% 90.1% 49.4 49.3 -0.2 -0.3% 90.1% 44.8 44.8 0.0 0.1% 90.1% 43.4 43.5 0.1 0.2% 91.4% 52.5 52.5 -0.6% 91.4% 49.3 91.4% 91.4% 43.4 43.5 0.1 91.4% 92.6% 0.0% 92.6% 52.8 -0.3 -0.6% 49 1 49 1 0.0 44.7 447 0.0 0.0% 92.6% 43 3 43.4 0.3% 93.8% 52.5 -0.3% 49.1 0.4% 44.6 44.6 0.1% 93.8% 52.6 -0.293.8% 48.9 0.2 93.8% 0.1 43.3 43.4 0.2 0.4% 95.1% 95.1% 95.1% 95.1% 52.5 52.4 -0.1 -0.2% 48.9 49.0 0.1 0.2% 44.3 44.5 0.2 0.5% 43.2 43.4 0.1 0.3% 96.3% 52.1 52.0 -0.5% 96.3% 48.9 48.8 -0.2% 96.3% 97.5% 44.0 44.4 96.3% 97.5% 42.8 43.0 0.2 0.5% 97.5% 0.1% 97.5% 0.5 0.3% 52.0 0.0 48.8 48.6 -0 2 -0.4% 43.8 443 1.1% 42.7 42.8 -0.5% 98.8% 0.5% 100.0% 100.0% 100.0% 100.0% 51.4 51.2 -0.4% 48.5 48.1 -0.3 -0.7% 42.6 42.9 0.4 0.8% 42.2 42.6 0.4 1.0%

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

April

March

February

Percent Percent Percent Percent No Action Alternative Alternative B Absolute Relative Exceedance Relative Exceedance Relative Relative Difference Difference Difference Difference Monthly Temperature Difference (%) Difference (%) Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) (DEG-F) 0.0% 48.7 48.7 0.0% 0.0% 53.2 53.2 0.0% 56.5 57.5 1.7% 59.1 59.0 -0.3% -0.1% 1.2% 48.4 48.4 0.0 0.1% 1.2% 52.7 52.6 -0.1 -0.1% 1.2% 55.8 56.4 0.6 1.0% 1.2% 59.0 58.9 0.0 2.5% 48.1 48.3 0.3% 2.5% 52.1 52.3 0.4% 2.5% 55.3 55.6 0.5% 2.5% 58.8 58.6 -0.3% 3.7% 3.7% 48.0 48.1 0.1 0.2% 3.7% 52.0 52.0 0.0 0.0% 3.7% 55.3 55.5 0.2 0.3% 58.4 58.1 -0.2 -0.4% 4.9% 48.0 48.0 0.0 0.1% 4.9% 51.6 52.0 0.4 0.7% 4.9% 55.2 55.3 0.2% 4.9% 58.3 58.1 -0.2 -0.4% 6.2% 6.2% 6.2% 6.2% 47.9 48.0 0.0 0.1% 51.5 51.7 0.1 0.2% 55.1 55.3 0.2 0.4% 58.3 57.8 -0.4 -0.7% 7.4% 0.1% 7.4% 51.6 51.4 0.2 0.4% 7.4% 0.4% 7.4% -0.2 0.0% 0.2 8.6% 8.6% 8.6% 8.6 · . 9.9% 11.1% 12.3% 8.6% 47.8 47.7 -0.1 51.4 0.0% 54.9 55.2 0.6% 57.5 57.4 -0.3% 0.8% 9.9% -0.1% 0.0% -0.5% 11.1% 12.3% 47.5 47.6 0.1 0.2% 11.1% 51.3 51.4 0.1 0.1% 11.1% 54.7 55.2 0.5 0.8% 57.3 57.1 -0.3 -0.4% 13.6% 13.6% 13.6% 0.3% 0.2% 47 4 47.5 0.1 51.2 513 0.1 54.5 55.0 0.5 1.0% 57.2 57.0 -0.2 -0.4% 16.0% 16.0% 16.0% 16.0% 47.2 47.3 0.1 0.1% 50.8 50.8 0.0 0.1% 54.3 54.9 0.6 1.1% 57.0 56.8 -0.2 -0.4% 18.5% 0.1% 18.5% -0.1% 18.5% 1.1% 18.5% -0.1 -0.3% 47.2 47.2 0.1 50.6 50.6 -0.1 54.1 54.7 0.6 56.9 56.7 19.8% 21.0% 47.1 47.0 47.1 47.1 50.5 -0.2% -0.1% 19.8% 21.0% 54.7 54.7 0.7 19.8% 21.0% -0.1 -0.2 0.0 21.0% 0.0 0.2% 50.5 50.4 54.0 1.3% 56.8 56.6 -0.4% 22.2% 23.5% 47.0 47.0 0.1% 22.2% 23.5% 22.2% 23.5% 22.2% 23.5% 56.8 -0.2 -0.2 0.1 47.0 0.7 50.4 50.4 0.0 0.1% 53.9 54.6 1.3% 56.6 56.5 -0.3% 24.7% 25.9% 0.0% 24.7% 25.9% 24.7% 25.9% 0.8% 24.7% 25.9% 56.4 56.4 46.9 46.8 0.0 50.3 50.3 50.4 53.9 -0.2 -0.1 -0.3% 46.8 0.1 0.1% 54.3 0.4 56.5 50.4 53.8 -0.2% 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0.6% 88.9% 44.8 0.0 0.1% 88.9% 47.6 47.7 0.0 0.1% 88.9% 50.5 51.2 0.7 1.4% 88.9% 53.6 53.8 0.2 0.5% 90.1% 44.7 44.8 0.1 0.2% 90.1% 47.5 47.6 0.1 0.2% 90.1% 50.5 51.1 0.7 1.3% 90.1% 53.5 53.7 0.2 0.4% 91.4% 44.6 91.4% 47.6 91.4% 50.4 91.4% 53.5 0.0 91.4% 92.6% 92.6% 44.5 44.6 0.0 0.1% 47.4 47.4 0.0 0.0% 50.4 50.9 0.5 1.0% 92.6% 53.4 53.4 0.0% 93.8% 44.5 0.0 47.3 47.3 50.9 93.8% 53.4 -0.1 44.5 0.0% 93.8% 0.0 0.0% 93.8% 50.4 0.5 1.0% 53.3 -0.1%95.1% 95.1% 95.1% 95.1% 44.4 44.4 0.0 0.1% 47.0 47.0 0.0 0.0% 50.4 50.5 0.1 0.3% 53.1 53.1 0.0 0.0% 96.3% 44.4 0.1% 96.3% 46.9 46.9 0.0% 96.3% 97.5% 50.3 -0.1 0.0% 96.3% 97.5% 52.9 52.7 53.0 0.1 0.2% 97.5% 97.5% 0.1% 443 444 0.0 46.8 46.9 0.0 0.0% 50.2 50.1 -0.1% 52.8 0.0% 0.2% -0.2% 98.8% 100.0% 100.0% 100.0% 43.6 43.6 0.0 0.0% 100.0% 46.3 46.3 0.0% 48.5 48.5 0.0 0.0% 52.1 52.0 -0.1 -0.2%

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

August

September

Percent Percent Percent Percent No Action Alternative Alternative B Absolute Relative Exceedance Relative Exceedance Relative Relative Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG.E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) 0.0% 59.9 59.4 -0.4 0.0% 62.5 60.8 -1.6 -2.6% 0.0% 66.8 66.3 -0.8% 66.7 66.6 -0.2% 1.2% 59.7 59.0 -0.7 -1.2% 1.2% 60.7 60.7 0.0 0.0% 1.2% 66.3 63.9 -2.3 -3.5% 1.2% 65.2 64.0 -1.2 -1.8% 2.5% 58.4 58.4 -0.1% 2.5% 60.2 60.0 -0.4% 2.5% 65.3 61.6 -3.7-5.7% 2.5% 65.0 63.8 -1.8% 3.7% 3.7% 58.0 58.2 0.1 0.2% 3.7% 60.0 60.0 0.0 0.0% 3.7% 64.1 61.0 -3.2 -4.9% 64.8 63.7 -1.1 -1.7% 4.9% 57.9 57.9 0.0 0.0% 4.9% 59.8 59.6 -0.3 -0.4% 4.9% 61.5 59.8 -2.7% 4.9% 64.2 63.7 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53.9 54.6 -2.0% 53.5 54.0 -0.1 -0.1% 54.6 546 0.1% 53.5 0.5% 54.4 98.8% 0.2% 0.5% 100.0% 100.0% 100.0% 100.0% 53.1 52.7 -0.3 -0.6% 53.8 53.8 -0.1% 54.2 54.3 0.1 0.3% 53.1 53.4 0.2 0.5%

Table SQ-06-5a Sacramento River at Red Bluff, Monthly Temperature Long-term Average and Average by Water Year Type

					Mon	thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Mav	Jun	Jul	Aua	Sep
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	55.4	51.0	46.1	44.5	46.2	49.7	53.4	56.4	57.1	57.9	58.8	58.9
Alternative B	55.1	50.8	46.2	44.7	46.3	49.7	53.8	56.5	57.1	57.9	58.6	58.6
Difference	-0.3	-0.1	0.2	0.2	0.0	0.1	0.5	0.1	0.0	0.0	-0.2	-0.3
Percent Difference ³	-0.6%	-0.3%	0.4%	0.5%	0.0%	0.1%	0.9%	0.2%	0.1%	-0.1%	-0.3%	-0.59
					ear Types							
Vet (32%)												
No Action Alternative	54.8	51.4	46.2	44.6	45.9	48.7	52.3	56.1	56.9	57.9	58.2	56.7
Alternative B	54.8	51.3	46.5	44.8	46.0	48.7	52.4	55.9	56.7	58.0	58.3	56.7
Difference	-0.1	-0.1	0.3	0.1	0.0	0.0	0.1	-0.2	-0.2	0.1	0.1	0.0
Percent Difference	-0.1%	-0.2%	0.7%	0.3%	0.0%	0.1%	0.2%	-0.4%	-0.3%	0.1%	0.2%	0.09
Above Normal (15%)												
No Action Alternative	54.5	50.7	46.5	44.8	46.3	49.8	53.7	57.1	56.4	56.9	58.3	58.0
Alternative B	54.3	50.7	46.9	45.0	46.3	49.9	54.1	56.8	56.5	56.8	58.3	58.1
Difference	-0.2	0.0	0.4	0.2	0.0	0.0	0.3	-0.3	0.1	0.0	0.0	0.1
Percent Difference	-0.3%	0.0%	0.8%	0.4%	0.0%	0.1%	0.6%	-0.5%	0.2%	0.0%	0.0%	0.1%
Below Normal (17%)												
No Action Alternative	54.2	50.4	46.4	44.3	45.8	49.6	53.9	56.5	56.7	57.2	57.9	58.9
Alternative B	54.0	50.4	46.5	44.5	45.9	49.6	54.5	56.7	56.7	57.3	57.8	58.4
Difference	-0.3	-0.1	0.1	0.2	0.0	0.0	0.6	0.2	0.1	0.1	-0.1	-0.5
Percent Difference	-0.5%	-0.1%	0.2%	0.4%	0.0%	0.1%	1.1%	0.4%	0.1%	0.1%	-0.1%	-0.89
Ory (22%)												
No Action Alternative	55.7	51.1	46.0	44.3	46.4	50.4	54.0	56.1	57.1	57.4	58.6	60.0
Alternative B	55.2	50.8	46.0	44.7	46.4	50.5	54.7	56.5	57.4	57.4	58.3	59.4
Difference	-0.5	-0.3	0.0	0.4	0.0	0.1	0.7	0.3	0.3	0.0	-0.3	-0.6
Percent Difference	-0.9%	-0.5%	0.0%	0.9%	0.0%	0.2%	1.3%	0.6%	0.5%	0.0%	-0.5%	-0.99
Critical (15%)		•		•	•		•			•	•	
No Action Alternative	58.6	50.7	45.2	44.3	47.0	50.8	53.6	56.9	58.4	60.5	62.0	63.1
Alternative B	57.7	50.4	45.3	44.5	47.1	50.9	54.5	57.5	58.4	60.0	60.9	62.3
Difference	-0.9	-0.3	0.1	0.2	0.1	0.1	0.8	0.7	0.1	-0.4	-1.1	-0.8
Percent Difference	-1.6%	-0.7%	0.2%	0.4%	0.1%	0.2%	1.5%	1.2%	0.1%	-0.7%	-1.7%	-1.39



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

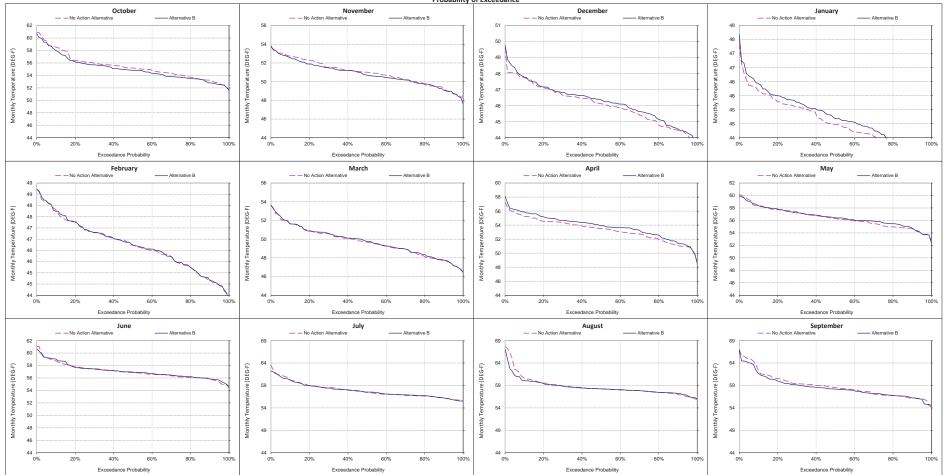


Table SQ-06-5b Sacramento River at Red Bluff, Monthly Temperature Probability of Exceedance

Octobe November Decembe January Percent Percent Percent Percent No Action Alternative Alternative B Absolute Relative Exceedance Relative Relative Relative Exceedance Difference Difference Difference Difference Monthly Temperature Difference (%) Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) 0.0% 60.9 60.7 -0.2 -0.4% 0.0% 53.7 53.8 0.2% 0.0% 49.6 49.8 0.3% 47.7 0.7% 1.2% 60.9 60.1 -0.8 -1.3% 1.2% 53.5 53.4 -0.1 -0.2% 1.2% 48.1 48.9 0.8 1.7% 1.2% 46.6 46.7 0.1 0.2% 2.5% 60.3 60.0 -0.6% 2.5% 53.2 53.3 0.2% 2.5% 48.1 48.7 1.2% 2.5% 46.3 46.7 0.8% 3.7% 3.7% 59.7 59.4 -0.4 -0.6% 3.7% 53.1 53.0 0.0 0.0% 3.7% 48.1 48.5 0.4 0.9% 46.1 46.3 0.2 0.5% 4.9% 59.5 59.3 -0.2 -0.4% 4.9% 53.1 52.9 -0.1 -0.3% 4.9% 48.0 48.4 0.7% 4.9% 45.9 46.2 0.3 0.7% 6.2% 6.2% 6.2% 6.2% 58.8 58.8 0.0 0.0% 53.0 52.8 -0.2 -0.4% 48.0 48.1 0.1 0.2% 45.9 46.2 0.3 0.7% 7.4% 0.0% 7.4% 52.8 -0.2% 7.4% 47.8 0.3% 7.4% 45.8 46.1 0.3 0.6% 0.1 8.6% 8.6% 8.6% 8.6% 58.6 58.3 -0.3 -0.6% 52.8 52.7 -0.1 -0.2% 47.8 47 9 0.2% 45.8 46.0 0.4% 9.9% 11.1% 12.3% 9.9% -1.0% -0.3% 0.6% 11.1% 12.3% 58.4 57.8 -0.6 -1.0% 11.1% 52.7 52.4 -0.3 -0.5% 11.1% 47.7 47.8 0.1 0.1% 45.7 45.9 0.2 0.5% 13.6% 13.6% 13.6% 13.6% 0.4% 58.0 57.3 -0 7 -1 3% 52.6 523 -0 3 -0.5% 47.6 47.5 -0.1 -0.2% 45.6 45.7 0.2 47.3 16.0% 16.0% 16.0% 16.0% 57.9 56.7 -1.2 -2.0% 52.4 52.1 -0.3 -0.6% 47.3 47.5 0.2 0.4% 45.5 45.6 0.0 0.1% 18.5% 18.5% 51.9 -0.8% 18.5% 0.1% 18.5% 0.1 0.3% 56.4 56.4 -0.1 -0.1% 52.3 -0.4 47.2 47.2 0.0 45.4 45.5 19.8% 21.0% 56.4 56.4 56.2 56.1 -0.2 -0.4% 51.9 51.9 -0.4 -0.4 19.8% 47.1 47.2 47.2 0.0 19.8% 21.0% 0.2 21.0% -0.5% 52.2 -0.7% 47.1 0.1% 45.3 45.5 0.5% 22.2% 23.5% -0.3% 22.2% 23.5% 51.8 51.7 -0.9% 22.2% 23.5% 22.2% 23.5% 45.4 0.2 -0.4 47.1 47.0 -0.1 56.2 56.0 -0.2 -0.4% 52.1 -0.7% -0.2% 45.2 45.4 0.5% 24.7% 25.9% -0.5% -0.6% 24.7% 25.9% 24.7% 25.9% 0.0% 24.7% 25.9% 45.4 45.4 56.2 51.7 -0.6% 47 N 47.0 45.2 0.2 0.4% 56.1 55.8 -0.3 52.0 51.6 -0.3 -0.7% 46.8 0.1 45.2 0.4% 46.9 27.2% 28.4% 27.2% 28.4% 55.7 -0.7% 27.2% 51.6 -0.7% 27.2% 46.8 46.9 45.2 45.3 0.2 56.1 -0.4 -0.7% 28.4% 51.5 51.5 0.0 -0.1% 28.4% 0.0 0.1% 0.2 0.5% 46.8 46.9 45.1 45.3 29.6% 30.9% -0.5% -0.4% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% -0.1% -0.1% 0.3% 45.3 45.3 0.2 0.3% 46.6 46.8 32.1% 55.9 55.6 -0.3 -0.5% 32.1% 51.5 51.4 -0.2% 32.1% 46.6 46.7 0.3% 32.1% 45.1 45.2 0.1 0.3% 33.3% -0.2 -0.4% 33.3% 51.3 -0.2 -0.4% 33.3% 46.6 0.1 0.3% 33.3% 45.2 0.1 0.3% 34.6% 55.8 55.6 -0.2 -0.3% 34.6% 51.5 51.3 -0.2 -0.4% 34.6% 46.6 46.7 0.3% 34.6% 45.0 45.1 0.1 0.2% 35.8% -0.4% 35.8% 51.2 35.8% 35.8% 55.7 -0.2% 0.3% 45.1 0.1% 37.0% 55.7 55.4 -0.3-0.5% 37.0% 51.3 51.2 -0.1-0.3% 37.0% 46.5 46.7 0.3% 37.0% 45.0 45.1 0.1 0.2% 38.3% 55.7 -0.6% 38.3% 51.2 38.3% 38.3% 45.1 44.9 0.3% 39.5% 55.6 55.1 -0.5 -0.9% 39.5% 51.2 51.2 0.0 -0.1% 39.5% 46.5 46.6 0.2 0.4% 39.5% 44.9 45.0 0.1 0.3% 40.7% 55.6 55.1 -0.9% 40.7% 51.2 51.2 0.0 0.0% 40.7% 46.5 46.6 0.2 0.4% 40.7% 44.7 45.0 0.3 0.6% 42.0% 55.6 55.1 -0.5 -0.8% 42.0% 51.2 51.2 0.0% 42.0% 46.5 46.6 0.3% 42.0% 44.7 45.0 0.3 0.6% 43.2% 55.5 55.0 -0.5 -1.0% 43.2% 51.1 51.1 0.0 0.0% 43.2% 46.4 46.5 0.1 0.2% 43.2% 44.6 45.0 0.3 0.7% 44.4% -0.4 -0.8% 44.4% 51.1 51.1 0.0 -0.1% 44.4% 46.4 46.5 0.1% 44.4% 44.6 44.9 0.3 0.7% 45.7% 45.7% 45.7% 55.3 55.0 -0.3 -0.6% 51.1 51.0 -0.1 -0.2% 46.3 46.5 0.2 0.4% 45.7% 44.5 44.8 0.3 0.7% -0.6% 46.9% 55.2 54.9 46.9% 51.0 51.0 -0.2% 46.9% 46.2 46.4 0.6% 46.9% 44.5 44.8 0.3 0.7% 48.1% 49.4% 55.2 54.9 -0.3 -0.6% 48.1% 51.0 50.7 -0.3 -0.6% 48.1% 46.1 46.4 0.3 0.6% 48.1% 44.5 44.8 0.3 0.7% -0.7% 49.4% 51.0 50.7 -0.3-0.6% 49.4% 46.1 0.6% 49.4% 44.5 44.7 0.2 0.5% 50.6% 50.6% 50.6% 55.2 54.8 -0.3 -0.6% 51.0 50.7 -0.3 -0.7% 46.1 46.3 0.2 0.5% 50.6% 44.5 44.7 0.2 0.5% 51.9% 54.8 54.8 -0.3-0.6% 51.9% 50.9 50.6 -0.3 -0.3 -0.6% 0.2 0.4% 51.9% 53.1% 44.7 0.2 0.5% 53.1% 53.1% 53.1% 55.0 50.6 -0 2 -0.4% 50.9 -0.6% 46.0 46.2 0.4% 44 4 446 0.4% 55.6% 56.8% 55.6% 55.6% 55.6% 55.0 54.7 -0.3 -0.6% 50.9 50.6 -0.3 -0.6% 46.0 46.2 0.2 0.5% 44.4 44.6 0.2 0.6% 58.0% 58.0% 58.0% 54.9 54.5 -0.4 -0.7% 50.7 50.5 -0.2 -0.5% 45.9 46.2 0.2 0.5% 58.0% 44.3 44.6 0.3 0.7% 60.5% 60.5% 60.5% 54.7 54.3 -0.4 -0.7% 50.7 50.4 -0.2 -0.5% 45.9 46.1 0.2 0.5% 60.5% 44.2 44.5 0.3 0.7% 61.7% 61.7% 63.0% 63.0% 54.6 63.0% 63.0% 54.3 -0.3 -0.6% 50.5 50.4 -0.1 -0.3% 45.8 46.1 0.3 0.7% 44.2 44.5 0.3 0.7% 64.2% 65.4% 54.5 54.5 54.2 54.2 -0.7% -0.6% 64.2% 65.4% 50.3 64.2% 65.4% 45.8 45.7 64.2% 65.4% 44.2 44.2 0.3 -0.3 -0.2 -0.3% 45.8 0.2 0.4% 44.4 0.6% 50.4 66.7% 67.9% 54.5 54.4 -1.0% -1.1% 66.7% 67.9% -0.3% -0.1% 66.7% 67.9% 45.8 45.7 66.7% 67.9% 53.9 53.8 -0.6 50.4 50.3 -n 2 45.6 0.2 0.4% 44.4 0.2 50.3 0.2 -0.6 44.1 44.3 50.3 -0.1 45.5 0.5% 0.5% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 45.5 0.4% 44.3 54.3 53.8 -1.0% 0.2 -0.5 50.2 0.0 0.1% 45.4 45.6 0.2 0.5% 44.0 44.2 0.5% 50.2 71.6% 54.2 53.8 -0.4 -0.7% -0.8% 71.6% 50.2 0.1% 71.6% 45.3 45.6 0.3 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53.3 53.1 -0.2 -0.3% 87.7% 49 4 493 -0.2 -0.4% 87.7% 44.5 446 0.1 0.3% 87.7% 43.2 43.4 0.2 0.4% 88.9% 53.2 -0.4 -0.7% 88.9% 49.4 49.3 -0.2 -0.4% 88.9% 44.5 44.6 0.1 0.2% 88.9% 43.2 43.4 0.2 0.5% 90.1% 53.2 52.8 -0.4 -0.8% 90.1% 49.2 49.1 -0.2 -0.4% 90.1% 44.5 44.5 0.1 0.1% 90.1% 43.2 43.4 0.2 0.5% 91.4% 52.8 52.7 -0.6% 91.4% 49.0 91.4% 44.5 44.4 91.4% 43.1 43.3 0.1 91.4% 92.6% 92.6% 52.9 -0.2 -0.4% 48.9 49.0 0.0 0.1% 44.4 44.4 0.0 0.0% 92.6% 43.1 43.2 0.2% 93.8% 52.6 49.0 44.3 44.4 93.8% 52.9 -0.3-0.5% 93.8% 48.8 0.2 0.4% 93.8% 0.3% 43.1 43.2 0.2 0.4% 95.1% 95.1% 95.1% 95.1% 52.7 52.5 -0.2 -0.3% 48.7 48.7 -0.1 -0.1% 44.2 44.3 0.1 0.3% 43.0 43.2 0.2 0.4% 96.3% 52.5 0.0% 96.3% 48.6 48.6 0.0 0.1% 96.3% 97.5% 43.9 0.8% 96.3% 97.5% 42.7 42.7 0.0 0.1% 0.3 97.5% 52.4 97.5% -0.3% 0.2% 52.4 0.0 0.0% 48.6 48 4 -0 2 43.6 44 1 1.2% 42 6 427 -0.2% -0.2% 98.8% 42.7 0.3% 100.0% 100.0% 100.0% 51.8 51.6 0.0 -0.3% 100.0% 48.3 47.6 -0.7 -1.5% 42.2 42.5 0.7% 41.9 42.6 0.7 1.7%

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

April

March

February

Percent Percent Percent Percent No Action Alternative Alternative B Absolute Relative Exceedance Relative Relative Relative Exceedance Difference Difference Difference Difference Monthly Temperature Difference (%) Difference (%) Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) (DEG-F) 0.0% 48.7 48.7 0.0% 0.0% 53.6 53.6 0.0% 57.3 58.1 1.5% 60.1 59.9 -0.3% 1.2% 48.6 48.6 0.0 0.1% 1.2% 53.3 53.3 -0.1 -0.1% 1.2% 56.5 57.2 0.6 1.1% 1.2% 60.1 59.8 -0.3 -0.5% 2.5% 48.3 48.4 0.3% 2.5% 52.7 52.9 0.4% 2.5% 56.1 56.4 0.4% 2.5% 59.6 59.6 0.0% 3.7% 3.7% 48.2 48 3 0.0 0.1% 3.7% 52.7 52.7 0.0 0.0% 3.7% 56.0 56.3 0.4 0.7% 59.6 59.2 -0.4 -0.6% 4.9% 48.2 48.2 0.0 0.0% 4.9% 52.1 52.5 0.3 0.6% 4.9% 55.8 56.2 0.4 0.7% 4.9% 59.3 59.1 -0.3 -0.4% 6.2% 6.2% 6.2% 6.2% 48.1 48.1 0.0 0.0% 52.0 52.1 0.1 0.2% 55.7 56.2 0.5 0.9% 59.2 59.0 -0.2 -0.4% 7.4% 48.0 48.1 0.0% 7.4% 52.0 0.2% 7.4% 55.5 0.5 0.9% 7.4% 58.7 58.5 -0.2 -0.2 -0.4% 0.1 8.6% 8.6% 8.6% 8.6% 47.9 47.8 -0.1 -0.2% 51.9 52.0 0.2% 55.4 55.9 0.9% 58.6 58.5 -0.3% 9.9% 11.1% 12.3% 9.9% -0.2% 11.1% 12.3% 47.6 47.7 0.1 0.2% 11.1% 51.6 51.6 0.0 0.0% 11.1% 55.2 55.7 0.5 0.9% 58.4 58.2 -0.1 -0.2% 13.6% 13.6% 13.6% 0.1% 13.6% 0.1% 47.5 47.6 0.1 0.2% 51.5 51.6 0.1 55.0 55.6 0.6 1.1% 58 1 58 1 0.0 16.0% 16.0% 16.0% 16.0% 47.3 47.3 0.0 0.0% 51.3 51.3 0.0 0.1% 55.0 55.6 0.6 1.1% 57.9 58.0 0.1 0.2% 18.5% 0.1% 18.5% -0.2% 18.5% 18.5% 0.3% 47.3 47.3 0.0 51.0 50.9 -0.1 54.6 55.3 0.6 1.2% 57.8 57.9 0.2 19.8% 21.0% 47.3 47.3 47.3 47.2 0.0 0.0% 50.9 50.8 19.8% 21.0% 55.2 55.1 0.7 19.8% 21.0% 57.7 57.7 57.9 0.2 21.0% 0.0 50.9 0.0% 54.5 1.0% 57.7 0.1% 22.2% 23.5% 47.1 47.0 0.0% 22.2% 23.5% 50.8 22.2% 23.5% 55.0 0.9% 22.2% 23.5% 0.1 -0.1 47.1 0.1 57.7 57.6 0.1% 50.8 50.8 0.0 0.1% 54.5 55.0 0.5 0.9% -0.1% 24.7% 25.9% 0.1% 24.7% 25.9% 24.7% 25.9% 0.8% 24.7% 25.9% 46.9 46.9 0.0 50.8 54.5 55.0 57.5 -0.1 -0.1 0.2% 46.9 0.1 0.3% 54.5 55.0 0.5 57.6 57.4 50.6 50.8 -0.3% 27.2% 28.4% -0.1% 0.0% 27.2% 28.4% 46.9 46.8 27.2% 50.6 50.7 0.3% 27.2% 54.5 54.8 0.6% 57.5 57.4 46.8 46.8 0.0 28.4% 50.7 0.1 0.2% 28.4% 54.4 54.7 0.3 0.5% 57.5 57.3 -0.2 -0.3% 50.6 29.6% 30.9% 0.0% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 46.8 46.8 50.6 50.5 0.3 0.5% 57.2 57.2 54.3 57.2 0.0% 0.0% 32.1% 46.8 46.8 0.0 0.0% 32.1% 50.4 50.5 0.3% 32.1% 54.2 54.6 0.4 0.8% 32.1% 57.1 57.2 0.1 0.1% 33.3% 46.8 0.0 -0.1% 33.3% 50.4 0.2% 33.3% 0.4 0.7% 33.3% 57.1 0.0 0.0% 34.6% 46.7 0.0 -0.1% 34.6% 50.2 50.3 0.1% 34.6% 54.1 54.5 0.5 0.9% 34.6% 57.1 57.0 -0.1 -0.1% 35.8% -0.1% 35.8% 35.8% 0.5 0.9% 35.8% 46.7 50.3 0.2% 56.9 0.2% 37.0% 46.6 46.6 0.0 0.0% 37.0% 50.1 50.3 0.3% 37.0% 54.0 54.5 0.5 0.8% 37.0% 56.9 57.0 0.1 0.2% 38.3% 46.6 0.1% 38.3% 50.2 38.3% 54.0 38.3% 0.2% 54.5 0.9% 0.2% 39.5% 46.6 46.6 0.0 0.0% 39.5% 50.1 50.1 0.0 0.0% 39.5% 53.9 54.4 0.5 0.9% 39.5% 56.8 56.9 0.1 0.2% 40.7% 46.5 46.5 0.0 0.0% 40.7% 50.1 50.1 0.0 0.0% 40.7% 53.8 54.4 0.6 1.0% 40.7% 56.7 56.8 0.1 0.2% 42.0% 46.5 46.5 0.0 0.0% 42.0% 50.0 50.1 0.2% 42.0% 53.8 54.4 0.6 1.0% 42.0% 56.7 56.8 0.1 0.2% 0.2% -0.1% 43.2% 46.5 46.5 0.0 0.0% 43.2% 50.0 50.1 0.1 43.2% 53.7 54.3 0.5 1.0% 43.2% 56.7 56.6 0.0 44.4% 46.4 0.0% 44.4% 49.9 50.0 0.3% 44.4% 53.7 54.3 0.6 1.1% 44.4% 56.7 56.6 0.0 -0.1% 45.7% 45.7% 45.7% 46.4 46.4 -0.1 -0.1% 49.8 50.0 0.2 0.5% 53.7 54.2 0.5 0.9% 45.7% 56.5 56.6 0.1 0.2% 46.9% 46.4 46.4 0.0% 46.9% 49.8 50.0 0.4% 46.9% 53.6 54.1 0.5 0.8% 46.9% 56.4 56.6 0.1 0.2% 48.1% 46.4 46.4 0.0 0.0% 48.1% 49.8 49 9 0.1 0.3% 48.1% 53.6 54.1 0.5 0.9% 48.1% 56.4 56.5 0.1 0.3% 49.4% 46.2 46.3 0.1% 49.4% 49.8 0.2% 49.4% 53.5 53.9 0.8% 49.4% 56.3 56.5 0.2 0.3% 50.6% 50.6% 50.6% 46.2 46.2 0.0 0.0% 49.7 49.8 0.1 0.2% 53.5 53.9 0.4 0.8% 50.6% 56.3 56.4 0.1 0.2% 51.9% 46.2 46.2 0.1% 51.9% 49.6 49.8 0.3% 53.9 0.4 0.7% 51.9% 53.1% 56.2 56.2 56.4 0.2 0.3% 53.1% 53.1% 53.1% 46.1 46.2 0.0 49.6 496 0.0 0.0% 53.4 53.7 0.3 56.4 0.4% 55.6% 56.8% 55.6% 55.6% 55.6% 0.3% 46.1 46.1 0.1 0.2% 49.4 49.5 0.1 0.1% 53.3 53.7 0.4 0.8% 56.1 56.3 0.2 58.0% 58.0% -0.1% 58.0% 46.0 46.1 0.0 0.1% 49.4 49.3 0.0 53.1 53.7 0.5 1.0% 58.0% 56.0 56.2 0.2 0.3% 60.5% 60.5% 60.5% 46.0 46.1 0.1 0.2% 49.2 49.3 0.0 0.1% 53.0 53.6 0.6 1.1% 60.5% 55.9 56.0 0.1 0.2% 61.7% 61.7% 63.0% 63.0% 0.1 63.0% 0.1% 0.7 63.0% 0.1 45.9 46.0 0.1% 49.1 49.2 0.1 53.0 53.6 1.2% 55.9 56.0 0.2% 64.2% 65.4% 45.8 45.8 46.0 45.9 0.1 64.2% 65.4% 49.1 49.1 64.2% 65.4% 1.3% 64.2% 65.4% 0.1 0.0 0.0% 0.8 55.8 0.3% 0.2% 49.0 52.8 53.6 56.0 66.7% 67.9% 45.8 45.8 0.0% 66.7% 67.9% 66.7% 67.9% 53.4 1.2% 66.7% 67.9% 45.8 49.0 0.0% 52.8 0.6 55.8 55.9 0.1 0.2% -0.1 53.4 0.6 45.7 49.0 49.0 0.0 0.0% 52.8 55.6 55.9 0.6% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% -0.1% 49.0 52.7 55.5 45.7 0.8% 0.4 45.7 0.0 0.0% 48.9 0.0 0.0% 52.7 53.2 0.4 55.5 55.9 0.6% 48.9 71.6% 45.5 45.5 0.0 0.0% 71.6% 48.8 48.8 0.0% 71.6% 52.7 52.9 0.3 0.5% 71.6% 55.4 55.9 0.4 0.8% 72.8% 45.5 45.5 0.0 72.8% 48.6 48.6 0.0 0.0% 72.8% 52.5 52.9 0.4 0.8% 72.8% 55.4 55.8 0.9% 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44.8 0.1 0.2% 88.9% 47.7 47.8 0.2% 88.9% 51.2 51.7 0.5 1.0% 88.9% 54.7 54.9 0.2 0.3% 90.1% 44.7 44.7 0.0 -0.1% 90.1% 47.7 47.8 0.0 0.1% 90.1% 51.1 51.4 0.3 0.6% 90.1% 54.6 54.8 0.1 0.2% 91.4% 44.6 91.4% 47.6 47.7 91.4% 91.4% 54.5 54.5 0.0 -0.2 91.4% 92.6% 0.0% 92.6% 44.6 44.6 0.0 0.0% 47.6 47.6 0.0 51.0 51.3 0.3 0.7% 92.6% 54.4 54.2 -0.3% 93.8% 44.5 0.0 47.4 47.4 93.8% 54.2 54.2 44.5 0.1% 93.8% 0.0 0.0% 93.8% 50.9 51.2 0.3 0.6% 0.0 0.0% 95.1% 95.1% 95.1% 95.1% 44.4 44.4 0.0 0.0% 47.2 47.2 0.0 0.0% 50.9 51.0 0.1 0.1% 53.8 53.8 0.0 0.1% 96.3% 44.4 96.3% 47.1 47.1 0.0% 96.3% 97.5% 50.8 0.2% 96.3% 97.5% 53.8 0.0 -0.1% -0.1 97.5% 0.1% 97.5% 0.0 44.2 442 0.0 46.9 47 0 0.0 0.0% 50.4 50.4 -0.1% 53.8 53.7 -0.1% 0.0% 0.2% -0.2% 98.8% 100.0% 100.0% 100.0% 43.6 43.6 0.0 0.0% 100.0% 46.4 46.4 0.0% 48.5 48.5 0.0 0.0% 52.6 52.5 -0.1 -0.2%

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

August

September

Percent Percent Percent Percent No Action Alternative Alternative B Absolute Relative Exceedance Relative Exceedance Relative Relative Difference Difference Difference Difference Monthly Temperature Difference (%) Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% 0.0% 61.1 60.6 -0.4 0.0% 63.6 62.2 -2.1% 0.0% 67.6 67.1 -0.5 -0.8% 67.0 66.9 -0.2% 1.2% 61.0 60.3 -0.7 -1.2% 1.2% 62.4 62.0 -0.4 -0.6% 1.2% 67.3 64.9 -2.4 -3.6% 1.2% 65.6 64.5 -1.2 -1.8% 2.5% 59.9 59.8 -0.1% 2.5% 61.8 61.6 -0.2% 2.5% 66.3 62.7 -3.5 -5.3% 2.5% 65.5 64.4 -1.7% 0.1% 3.7% 3.7% 59.5 59.3 -0.1 -0.2% 3.7% 61.4 61.4 0.1 3.7% 65.0 62.2 -2.8 -4.3% 65.1 64.3 -0.9 -1.3% 4.9% 59.4 59.2 -0.2% 4.9% 61.3 61.0 -0.3 -0.5% 4.9% 62.6 61.3 -2.2% 4.9% 64.9 64.1 -0.8 -1.2% 6.2% 6.2% 6.2% 6.2% 59.1 59.2 0.1 0.1% 61.2 60.6 -0.5 -0.9% 62.3 61.0 -1.4 -2.2% 64.8 64.0 -0.9 -1.3% 7.4% 59.2 0.2 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58.4 58.1 -0.3 -0.2 -0.4% 53.1% 53.1% 53.1% 56.8 0.1 58.2 -0.1% 56.9 57.3 0.3% 58.2 58.4 58 1 -0.4% 55.6% 56.8% 55.6% 55.6% 55.6% -0.2 56.8 56.9 0.1 0.2% 57.2 57.4 0.2 0.4% 58.1 58.1 0.0 0.0% 58.3 58.0 -0.4% 58.0% 0.3% 58.0% 58.0% 56.6 56.8 0.1 57.1 57.3 0.2 0.4% 58.1 58.1 0.0 0.0% 58.0% 58.2 57.9 -0.2 -0.4% 60.5% 60.5% 60.5% 56.6 56.7 0.2 0.3% 57.0 57.1 0.1 0.1% 58.0 58.1 0.1 0.2% 60.5% 58.0 57.7 -0.3 -0.6% 61.7% 61.7% 57.7 63.0% 63.0% 63.0% 0.1% 63.0% 57.7 56.6 56.6 0.1 57.0 57.0 0.0 0.0% 57.9 58.0 0.0 0.0% 57.7 0.0 -0.1% 64.2% 65.4% 56.6 56.6 0.0 0.1% 64.2% 65.4% 64.2% 65.4% 0.0% 64.2% 65.4% 57.4 -0.3 -0.3 56.5 57.0 0.0% 57.9 57.9 0.0 57.7 57.4 57.0 0.0 -0.5% 66.7% 67.9% 56.5 56.4 0.0% 66.7% 67.9% 66.7% 67.9% 57.9 57.9 66.7% 67.9% 57.3 57.3 0.0 57.0 0.1% 57.9 0.0% 57.6 -0.3 -0.3 -0.6% 56.9 56.5 56.9 0.1% 57.9 0.0 57.6 56.9 0.1 -0.1% -0.5% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 0.2% 57 / 573 -0.2 0.2 56.5 0.1 0.2 56.3 0.2% 56.8 56.9 0.3% 57.8 57.8 0.0 0.0% 57.0 57.2 0.4% 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86.4% 56.5 56.6 0.1 0.2% 87.7% 56.0 56.0 0.0 0.0% 87.7% 56.4 56.3 -0.1 -0.1% 87.7% 57.2 573 0.1 0.1% 87.7% 56.2 56.6 0.3 0.6% 88.9% 56.0 55.9 -0.1 -0.2% 88.9% 56.3 56.2 0.0 -0.1% 88.9% 57.2 57.3 0.1 0.1% 88.9% 56.2 56.3 0.1 0.2% 90.1% 55.9 55.9 0.0 0.0% 90.1% 56.3 56.2 -0.1 -0.1% 90.1% 56.9 57.2 0.3 0.5% 90.1% 56.2 56.2 0.0 0.0% 91.4% 55.8 55.8 91.4% 91.4% 56.9 91.4% 56.2 56.1 56.2 0.0 0.3 91.4% 92.6% 92.6% 55.6 0.2 0.3% 56.0 56.1 0.0 0.1% 56.8 56.9 0.2% 92.6% 56.1 -0.1% 93.8% 55.5 0.2 55.9 56.6 56.9 93.8% 56.1 -0.1 55.7 0.4% 93.8% 55.9 0.0 0.0% 93.8% 0.3 0.5% 56.0 -0.1%95.1% 95.1% 95.1% 95.1% 55.3 55.6 0.3 0.6% 55.8 55.8 0.0 0.0% 56.5 56.7 0.2 0.3% 56.0 55.9 -0.1 -0.1% 96.3% 55.4 0.4 0.7% 96.3% -0.2% 96.3% 97.5% 56.3 0.1 0.2% 96.3% 97.5% 55.9 -1.0 -0.8 -1.8% 97.5% 97.5% 55.6 0.0 -1 5% 55.0 55.2 0.2 0.4% 55.8 -0 2 -0.4% 56.2 56.3 0.1% 55.6 54.8 0.2% 55.5 -0.3% 98.8% 100.0% 100.0% 100.0% 54.8 54.4 -0.3 -0.6% 100.0% 55.6 55.5 -0.2% 55.9 56.0 0.3% 54.3 54.5 0.2 0.3%

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

				J		thly Temp	erature (DI	FG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Mav	Jun	Jul	Aua	Sep
					ng-term			,				
Full Simulation Period ¹												
No Action Alternative	55.4	51.0	46.1	44.5	46.2	49.7	53.4	56.5	57.1	57.9	58.8	59.0
Alternative B	55.1	50.8	46.2	44.7	46.3	49.8	53.9	56.6	57.1	57.9	58.6	58.7
Difference	-0.3	-0.1	0.2	0.2	0.0	0.1	0.5	0.1	0.0	0.0	-0.2	-0.3
Percent Difference ³	-0.6%	-0.3%	0.4%	0.5%	0.0%	0.1%	0.9%	0.2%	0.1%	-0.1%	-0.3%	-0.5%
				Water Y	ear Types	2						
Wet (32%)												
No Action Alternative	54.8	51.4	46.1	44.6	45.9	48.7	52.3	56.1	56.9	58.0	58.2	56.7
Alternative B	54.8	51.3	46.5	44.8	46.0	48.7	52.5	55.9	56.8	58.0	58.3	56.7
Difference	-0.1	-0.1	0.3	0.1	0.0	0.0	0.1	-0.2	-0.2	0.1	0.1	0.0
Percent Difference	-0.1%	-0.2%	0.7%	0.3%	0.0%	0.1%	0.2%	-0.4%	-0.3%	0.1%	0.2%	0.0%
Above Normal (15%)												
No Action Alternative	54.5	50.7	46.5	44.8	46.3	49.9	53.8	57.1	56.4	56.9	58.3	58.0
Alternative B	54.4	50.7	46.9	45.0	46.3	49.9	54.1	56.8	56.6	56.9	58.3	58.1
Difference	-0.2	0.0	0.4	0.2	0.0	0.0	0.3	-0.3	0.1	0.0	0.0	0.1
Percent Difference	-0.3%	0.0%	0.8%	0.4%	0.0%	0.1%	0.6%	-0.5%	0.2%	0.0%	0.0%	0.1%
Below Normal (17%)												
No Action Alternative	54.2	50.4	46.4	44.3	45.9	49.6	53.9	56.6	56.7	57.3	57.9	59.0
Alternative B	54.0	50.4	46.5	44.5	45.9	49.7	54.5	56.8	56.7	57.3	57.9	58.5
Difference	-0.3	-0.1	0.1	0.2	0.0	0.0	0.6	0.2	0.1	0.1	-0.1	-0.5
Percent Difference	-0.5%	-0.1%	0.2%	0.4%	0.0%	0.1%	1.1%	0.4%	0.1%	0.1%	-0.1%	-0.89
Dry (22%)												
No Action Alternative	55.7	51.1	46.0	44.3	46.4	50.4	54.1	56.2	57.1	57.5	58.6	60.0
Alternative B	55.2	50.8	46.0	44.7	46.4	50.5	54.8	56.5	57.4	57.4	58.4	59.5
Difference	-0.5	-0.3	0.0	0.4	0.0	0.1	0.7	0.3	0.3	0.0	-0.3	-0.5
Percent Difference	-0.9%	-0.5%	0.0%	0.9%	0.0%	0.2%	1.3%	0.6%	0.5%	0.0%	-0.5%	-0.99
Critical (15%)		•					•	•			•	
No Action Alternative	58.6	50.7	45.2	44.3	47.1	50.8	53.7	56.9	58.4	60.5	62.0	63.1
Allemative B	57.7	50.4	45.2	44.5	47.1	50.9	54.5	57.6	58.5	60.0	60.9	62.3
Difference	-0.9	-0.3	0.1	0.2	0.1	0.1	0.8	0.7	0.1	-0.4	-1.1	-0.8
Percent Difference	-1.5%	-0.7%	0.2%	0.4%	0.1%	0.2%	1.5%	1.2%	0.1%	-0.7%	-1.7%	-1.39



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

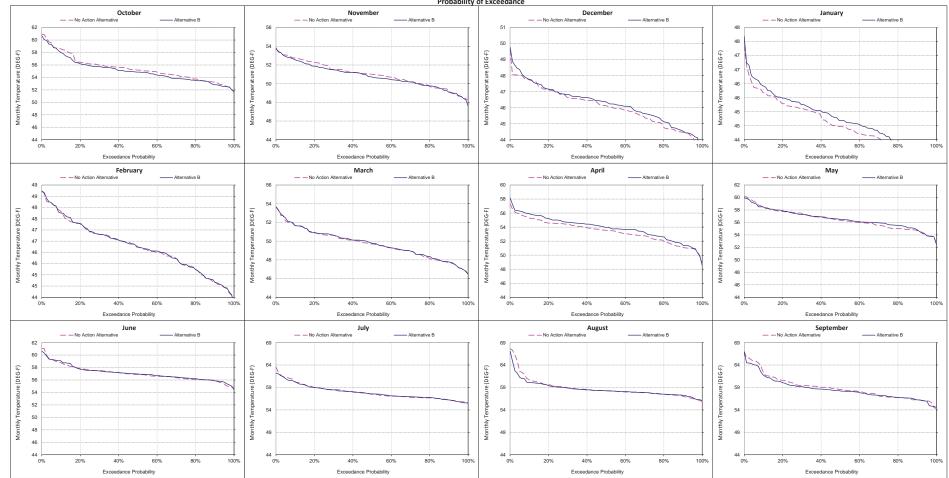


Table SO-07-5b Sacramento River below Red Bluff, Monthly Temperature Probability of Exceedanc

November

Octobe

January Percent Percent Percent Percent No Action Alternative Alternative B Absolute Relative Exceedance Relative Relative Relative Exceedance Difference Difference Difference Difference Monthly Temperature Difference (%) Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (DEG-F) (DEG-F) (%) (DEG-F) ____(%) (DEG-F) (%) 0.0% (DEG-F) 0.0% 60.9 60.7 -0.2 -0.4% 0.0% 53.7 53.8 0.2% 0.0% 49.6 49.8 0.3% 47.7 0.7% 1.2% 60.9 60.1 -0.8 -1.3% 1.2% 53.5 53.4 -0.1 -0.2% 1.2% 48.1 48.9 0.8 1.7% 1.2% 46.6 46.7 0.1 0.2% 2.5% 60.3 59.9 -0.6% 2.5% 53.2 53.3 0.2% 2.5% 48.1 48.6 1.2% 2.5% 46.3 46.7 0.8% 3.7% 3.7% 59.7 59.4 -0.4 -0.6% 3.7% 53.1 53.0 0.0 -0.1% 3.7% 48.0 48.5 0.4 0.9% 46.1 46.3 0.2 0.4% 4.9% 59.5 59.3 -0.2 -0.4% 4.9% 53.1 52.9 -0.2 -0.3% 4.9% 48.0 48.4 0.8% 4.9% 45.9 46.2 0.3 0.7% 6.2% 6.2% 6.2% 6.2% 58.8 58.8 0.0 0.0% 53.0 52.8 -0.2 -0.4% 48.0 48.1 0.1 0.2% 45.8 46.2 0.3 0.7% 7.4% 0.0% 7.4% 52.8 -0.2% 7.4% 47.8 0.2% 7.4% 45.8 46.1 0.3 0.6% 0.1 8.6% 8.6% 8.6% 8.6% 58.6 58.3 -0.3 -0.6% 52.8 52.7 -0.1 -0.2% 47.8 47.8 0.2% 45.8 46.0 0.4% 9.9% 11.1% 12.3% 9.9% -1.0% -0.3% 0.5% 11.1% 12.3% 58.4 57.8 -0.6 -1.0% 11.1% 52.7 52.4 -0.3 -0.5% 11.1% 47.7 47.7 0.1 0.1% 45.7 45.9 0.2 0.5% 13.6% 13.6% 13.6% -0.5% 13.6% 0.4% 58.0 57.3 -0 7 -1 3% 52.6 523 -0 3 47.6 47.5 -0.1 -0.2% 45.6 45.7 0.2 47.3 16.0% 16.0% 16.0% 16.0% 57.9 56.7 -1.2 -2.0% 52.4 52.1 -0.3 -0.6% 47.3 47.5 0.2 0.4% 45.5 45.6 0.0 0.1% 18.5% 18.5% 51.9 -0.8% 18.5% 0.1% 18.5% 0.1 0.3% 56.5 56.4 -0.1 -0.1% 52.3 -0.4 47.2 47.2 0.0 45.4 45.5 19.8% 21.0% 56.4 56.4 56.2 56.1 -0.2 -0.4% 51.9 51.9 -0.4 -0.4 19.8% 47.1 47.2 47.1 0.0 19.8% 21.0% 0.2 21.0% -0.5% 52.2 -0.7% 47.1 0.1% 45.3 45.5 0.4% 22.2% 23.5% -0.3% 22.2% 23.5% -0.9% 22.2% 23.5% 22.2% 23.5% 45.4 0.2 51.7 -0.4 47.1 47.0 -0.1 56.2 56.0 -0.2 -0.4% 52.1 -0.7% -0.1% 45.2 45.4 0.5% 24.7% 25.9% -0.5% -0.6% 24.7% 25.9% 24.7% 25.9% 0.0% 24.7% 25.9% 56.2 51.7 -0.6% 47 N 47.0 45.2 45.4 0.2 0.4% 56.2 55.8 -0.3 52.0 51.6 -0.3 -0.7% 46.8 0.1 45.2 0.4% 46.9 45.4 27.2% 28.4% 27.2% 28.4% 56.1 55.7 -0.7% 27.2% 51.6 -0.7% 27.2% 46.8 46.9 45.2 45.3 0.2 56.1 -0.4 -0.7% 28.4% 51.5 51.5 0.0 -0.1% 28.4% 0.0 0.1% 0.2 0.5% 46.8 46.8 45.1 45.3 29.6% 30.9% -0.5% -0.4% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 45.3 45.3 0.4% 0.3% -0.2% 46.6 46.8 32.1% 55.9 55.6 -0.3 -0.5% 32.1% 51.5 51.4 -0.2% 32.1% 46.6 46.7 0.3% 32.1% 45.1 45.2 0.1 0.3% 33.3% -0.2 -0.4% 33.3% 51.3 -0.2 -0.4% 33.3% 46.6 0.1 0.3% 33.3% 45.2 0.1 0.3% 34.6% 55.8 -0.2 -0.4% 34.6% 51.5 51.3 -0.2 -0.4% 34.6% 46.6 46.7 0.3% 34.6% 45.0 45.1 0.1 0.3% 35.8% -0.4% 35.8% 51.2 35.8% 35.8% 55.8 -0.3% 0.3% 45.1 0.2% 37.0% 55.7 55.5 -0.2-0.4% 37.0% 51.3 51.2 -0.1-0.3% 37.0% 46.5 46.7 0.3% 37.0% 45.0 45.0 0.1 0.2% 38.3% 55.7 -0.6% 38.3% 51.2 38.3% 38.3% 44.9 0.3% 39.5% 55.6 55.1 -0.5 -0.9% 39.5% 51.2 51.2 0.0 -0.1% 39.5% 46.4 46.6 0.2 0.4% 39.5% 44.9 45.0 0.1 0.3% 40.7% 55.6 55.1 -0.9% 40.7% 51.2 51.2 0.0 0.0% 40.7% 46.4 46.6 0.2 0.4% 40.7% 44.7 45.0 0.3 0.6% 42.0% 55.6 55.1 -0.5 -0.8% 42.0% 51.2 51.2 0.0% 42.0% 46.4 46.6 0.3% 42.0% 44.7 45.0 0.3 0.6% 43.2% 55.6 55.0 -0.5 -1.0% 43.2% 51.1 51.1 0.0 0.1% 43.2% 46.4 46.5 0.1 0.2% 43.2% 44.6 45.0 0.3 0.7% 44.4% -0.4 -0.8% 44.4% 51.1 51.1 -0.1% 44.4% 46.4 46.4 0.1% 44.4% 44.6 44.9 0.3 0.7% 45.7% 45.7% 45.7% 55.3 55.0 -0.3 -0.6% 51.1 51.0 -0.1 -0.2% 46.3 46.4 0.2 0.3% 45.7% 44.5 44.8 0.3 0.7% 46.9% 55.3 54.9 -0.6% 46.9% 51.1 51.0 -0.2% 46.9% 46.2 46.4 0.3 0.6% 46.9% 44.5 44.8 0.3 0.7% 48.1% 49.4% 55.2 54.9 -0.3 -0.6% 48.1% 51.0 50.7 -0.3 -0.6% 48.1% 46.1 46.4 0.2 0.5% 48.1% 44.5 44.8 0.3 0.7% -0.6% 49.4% 50.7 -0.3-0.6% 49.4% 46.1 0.6% 49.4% 44.5 44.7 0.2 0.5% 50.6% 50.6% 50.6% 55.2 54.9 -0.3 -0.6% 51.0 50.7 -0.3 -0.6% 46.1 46.3 0.2 0.5% 50.6% 44.5 44.7 0.2 0.5% 51.9% 55.1 55.1 54.8 54.8 -0.3-0.6% 51.9% 50.9 50.6 -0.3 -0.3 -0.6% 46.0 0.2 0.4% 51.9% 53.1% 44.7 0.2 0.5% 53.1% 53.1% 53.1% 50.6 -0 2 -0.4% 50.9 -0.6% 46.0 46.2 0.4% 44 4 446 0.4% 55.6% 56.8% 55.6% 55.6% 55.6% 55.0 54.7 -0.3 -0.6% 50.9 50.6 -0.3 -0.6% 46.0 46.2 0.2 0.5% 44.4 44.6 0.2 0.5% 58.0% 58.0% 58.0% 55.0 54.6 -0.4 -0.7% 50.7 50.5 -0.2 -0.4% 45.9 46.1 0.2 0.5% 58.0% 44.3 44.6 0.3 0.7% 60.5% 60.5% 60.5% 54.8 54.4 -0.4 -0.7% 50.7 50.4 -0.2 -0.5% 45.8 46.1 0.3 0.6% 60.5% 44.2 44.5 0.3 0.7% -0.6% 61.7% 63.0% 63.0% 54.6 63.0% 63.0% 54.3 -0.3 -0.6% 50.5 50.4 -0.1 -0.3% 45.8 46.0 0.3 0.7% 44.2 44.5 0.3 0.7% 64.2% 65.4% 54.6 54.5 54.2 54.2 -0.7% -0.6% 64.2% 65.4% 50.3 64.2% 65.4% 64.2% 65.4% 44.2 44.1 0.3 -0.4 -0.2 -0.3% 45.6 45.8 0.1 44.4 0.6% 50.4 0.3% 66.7% 67.9% 54.5 54.4 -1.0% -1.1% 66.7% 67.9% -0.3% -0.1% 66.7% 67.9% 45.7 45.7 0.3% 66.7% 67.9% 54.0 53.9 -0.6 50.4 50.2 -n 2 45.6 44.4 0.3 50.2 0.2 44.3 -0.6 50.3 -0.1 45.5 44.1 0.5% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 45.5 0.4% 44.3 54.4 53.8 -1.0% 0.2 -0.5 50.2 0.0 0.1% 45.4 45.6 0.3 0.6% 44.0 44.2 0.5% 50.2 71.6% 54.2 53.8 -0.4 -0.7% -0.7% 71.6% 50.2 0.0% 71.6% 45.3 45.6 0.3 0.6% 71.6% 44 0 442 0.2 72.8% 54.2 53.8 -0.4 72.8% 50.1 50.0 -0.1 -0.2% 72.8% 45.3 45.6 0.3 0.6% 72.8% 44.0 44.2 0.2 0.5% -0.8% 74.1% 75.3% 74.1% 75.3% 74.1% -0.1% 74.1% 0.9% 43.8 44.1 0.3 75.3% -0.2% 75.3% 0.8% 76.5% -0.4 -0.7% 76.5% 49.9 49.8 -0.1% 76.5% 45.1 45.4 0.3 0.7% 76.5% 43.7 44.0 0.2 0.5% 77.8% -0.5% 77.8% 77.8% 0.3 0.6% 77.8% 0.2 53.8 49.8 -0.2% 0.6% 79.0% 53.7 -0.2 -0.4% 79.0% 49.9 49.8 -0.2% 79.0% 45.0 45.2 0.2 0.4% 79.0% 43.7 43.8 0.1 0.3% 80.2% 53.7 -0.5% 80.2% 49.7 80.2% 44.7 0.4 80.2% 0.2% 45.1 43.5 43.7 0.5% 81.5% 53.7 53.5 -0.2-0.4% 81.5% 49.6 49.7 0.3% 81.5% 44.7 45.1 0.4 0.9% 81.5% 43.5 43.5 0.0 82.7% 53.5 -0.2% 82.7% 49.7 0.3% 82.7% 44.7 45.0 0.4 0.8% 82.7% 43.4 43.5 0.1 0.2% 84.0% 53.4 53.5 0.0% 84.0% 49.5 49.6 0.2% 84.0% 44.7 44.8 0.2% 84.0% 43.4 43.5 0.1 0.2% 85.2% 53.4 53.4 0.0 0.1% 85.2% 49.5 49.5 0.0 -0.1% 85.2% 44.6 44.7 0.1 0.2% 85.2% 43.4 43.5 0.2 0.4% 86.4% 53.3 0.0% 86.4% 49.5 49.4 -0.1% 86.4% 44.5 44.7 0.4% 86.4% 43.3 43.5 0.1 0.3% 87.7% 53.3 53.1 -0.2 -0.4% 87.7% 49 4 493 -0.2 -0.4% 87.7% 44.5 446 0.1 0.3% 87.7% 43.2 43.4 0.2 0.4% 88.9% 53.3 -0.4 -0.7% 88.9% 49.4 49.3 -0.2 -0.4% 88.9% 44.5 44.6 0.2% 88.9% 43.2 43.4 0.2 0.5% 90.1% 53.3 52.8 -0.4 -0.8% 90.1% 49.2 49.1 -0.2 -0.4% 90.1% 44.5 44.5 0.1 0.1% 90.1% 43.2 43.4 0.2 0.5% 91.4% 52.8 52.7 -0.6% 91.4% 49.0 91.4% 44.4 44.4 91.4% 43.1 43.3 0.1 91.4% 92.6% 92.6% 52.9 -0.2 -0.3% 48 9 49.0 0.0 0.1% 44.4 44.4 0.0 0.0% 92.6% 43.1 43.2 0.2% 93.8% 52.6 49.0 0.4% 44.3 44.4 93.8% 52.9 -0.3-0.5% 93.8% 48.8 0.2 93.8% 0.3% 43.1 43.2 0.1 0.3% 95.1% 95.1% 95.1% 95.1% 52.7 52.5 -0.2 -0.3% 48.8 48.7 -0.1 -0.2% 44.2 44.3 0.1 0.3% 43.0 43.1 0.2 0.4% 96.3% 52.5 52.5 0.0% 96.3% 48.6 0.0 0.1% 96.3% 97.5% 43.8 0.8% 96.3% 97.5% 42.7 42.7 0.0 0.1% 0.3 97.5% 97.5% -0.3% 0.2% 52.4 0.0 0.0% 48.6 48.4 -n 2 43.6 44 1 1.2% 42 6 427 0.0% -0.2% -0.2% 42.7 0.3% 100.0% 100.0% 100.0% 51.8 51.7 0.0 -0.3% 100.0% 48.3 47.6 -0.7 -1.5% 42.1 42.5 0.7% 41.9 42.6 0.7 1.7%

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

									Probability	of Exceedance									
Percent		February			Percent		March			Percent		April			Percent		May		
Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative
Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
0.0%	(DEG-F) 48.7	(DEG-F) 48.7	0.0	0.0%	0.0%	(DEG-F) 53.7	(DEG-F) 53.7	0.0	0.0%		(DEG-F) 57.3	(DEG-F) 58.2	0.9	1.5%	(%) 0.0%	(DEG-F) 60.1	(DEG-F) 60.0	-0.2	-0.3%
1.2%	48.6	48.7	0.0	0.1%	1.2%	53.4	53.3	-0.1	-0.1%	1.2%	56.6	57.2	0.6	1.1%	1.2%	60.1	59.8	-0.3	-0.5%
2.5%	48.3	48.4	0.1	0.3%	2.5%	52.8	53.0	0.2	0.4%	2.5%	56.2	56.4	0.3	0.5%	2.5%	59.7	59.7	0.0	0.1%
3.7%	48.2	48.3	0.0	0.1%	3.7%	52.7	52.7	0.0	0.0%	3.7%	56.0	56.4	0.4	0.7%	3.7%	59.6	59.3	-0.4	-0.6%
4.9% 6.2%	48.2 48.1	48.2 48.1	0.0	0.0%	4.9% 6.2%	52.2 52.0	52.5 52.1	0.3	0.6%	4.9% 6.2%	55.9 55.7	56.3 56.2	0.4	0.7%	4.9% 6.2%	59.4 59.2	59.1 59.0	-0.2 -0.2	-0.4% -0.4%
7.4%	48.0	48.1	0.0	0.0%	7.4%	52.0	52.1	0.1	0.2%	7.4%	55.6	56.1	0.5	0.9%	7.4%	58.8	58.5	-0.2	-0.4%
8.6%	47.9	47.8	-0.1	-0.2%	8.6%	51.9	52.0	0.1	0.2%	8.6%	55.5	55.9	0.5	0.9%	8.6%	58.7	58.5	-0.2	-0.3%
9.9%	47.8	47.8	-0.1	-0.2%	9.9%	51.7	51.7	0.0	0.0%	9.9%	55.3	55.9	0.7	1.2%	9.9%	58.4	58.5	0.1	0.1%
11.1% 12.3%	47.7 47.5	47.7 47.6	0.1	0.2%	11.1% 12.3%	51.6 51.6	51.6 51.6	0.0	0.0%	11.1% 12.3%	55.3 55.2	55.8 55.8	0.5	0.9%	11.1% 12.3%	58.4 58.3	58.3 58.2	-0.1 -0.1	-0.2% -0.1%
13.6%	47.5	47.6	0.1	0.2%	13.6%	51.5	51.6	0.0	0.1%	13.6%	55.1	55.7	0.6	1.1%	13.6%	58.1	58.2	0.0	0.0%
14.8%	47.4	47.6	0.2	0.4%	14.8%	51.5	51.4	-0.1	-0.1%	14.8%	55.1	55.6	0.6	1.1%	14.8%	58.1	58.1	0.0	0.1%
16.0%	47.3	47.3	0.0	0.0%	16.0%	51.3	51.4	0.0	0.1%	16.0%	55.0	55.6	0.6	1.1%	16.0%	57.9	58.0	0.1	0.2%
17.3% 18.5%	47.3 47.3	47.3 47.3	0.0	0.1% 0.1%	17.3% 18.5%	51.0 51.0	51.0 50.9	0.0 -0.1	-0.1% -0.2%	17.3% 18.5%	54.7 54.7	55.5 55.3	0.8	1.5% 1.1%	17.3% 18.5%	57.8 57.8	58.0 58.0	0.2	0.3%
19.8%	47.3	47.3	0.0	0.0%	19.8%	51.0	50.9	-0.1	-0.2%	19.8%	54.6	55.2	0.6	1.2%	19.8%	57.8	57.9	0.2	0.3%
21.0%	47.3	47.2	0.0	-0.1%	21.0%	50.9	50.9	0.0	0.0%	21.0%	54.6	55.1	0.6	1.0%	21.0%	57.7	57.8	0.1	0.1%
22.2%	47.1	47.1	0.0	0.0%	22.2%	50.8	50.8	0.0	0.1%	22.2%	54.6	55.0	0.4	0.8%	22.2%	57.7	57.8	0.1	0.1%
23.5% 24.7%	47.0 46.9	47.1 46.9	0.1	0.1%	23.5% 24.7%	50.8 50.7	50.8 50.8	0.0	0.0%	23.5% 24.7%	54.5 54.5	55.0 55.0	0.5 0.5	0.9%	23.5% 24.7%	57.7 57.6	57.6 57.5	0.0 -0.1	-0.1% -0.2%
25.9%	46.9	46.9	0.0	0.0%	25.9%	50.7	50.8	0.1	0.2%	25.9%	54.5	55.0	0.3	0.8%	25.9%	57.6	57.5	-0.1	-0.2%
27.2%	46.9	46.8	-0.1	-0.1%	27.2%	50.6	50.8	0.1	0.3%	27.2%	54.5	54.8	0.3	0.6%	27.2%	57.5	57.4	-0.1	-0.2%
28.4%	46.8	46.8	0.0	0.0%	28.4%	50.6	50.7	0.1	0.1%	28.4%	54.4	54.7	0.3	0.5%	28.4%	57.5	57.3	-0.2	-0.3%
29.6%	46.8	46.8	0.0	0.0%	29.6%	50.6	50.7	0.0	0.1%	29.6%	54.4	54.7	0.3	0.5%	29.6%	57.5	57.3	-0.2	-0.4%
30.9% 32.1%	46.8 46.8	46.8 46.8	0.0	0.0%	30.9% 32.1%	50.6 50.4	50.6 50.5	0.0	0.0%	30.9% 32.1%	54.4 54.2	54.7 54.7	0.3	0.5%	30.9% 32.1%	57.3 57.2	57.3 57.3	0.0	0.0%
33.3%	46.8	46.7	0.0	-0.1%	33.3%	50.3	50.4	0.1	0.2%	33.3%	54.2	54.6	0.4	0.7%	33.3%	57.1	57.1	0.0	0.0%
34.6%	46.7	46.7	0.0	-0.1%	34.6%	50.3	50.3	0.1	0.1%	34.6%	54.1	54.6	0.5	0.9%	34.6%	57.1	57.0	-0.1	-0.2%
35.8% 37.0%	46.7 46.6	46.6 46.6	0.0	-0.1% 0.0%	35.8% 37.0%	50.2 50.2	50.3 50.3	0.1	0.2%	35.8% 37.0%	54.1 54.1	54.6 54.5	0.5	0.9%	35.8% 37.0%	56.9 56.9	57.0 57.0	0.1	0.2% 0.2%
38.3%	46.6	46.6	0.0	0.1%	38.3%	50.1	50.2	0.1	0.2%	38.3%	54.0	54.5	0.5	0.9%	38.3%	56.9	57.0	0.1	0.2%
39.5%	46.6	46.6	0.0	0.0%	39.5%	50.1	50.1	0.0	0.0%	39.5%	53.9	54.4	0.5	0.9%	39.5%	56.8	56.9	0.1	0.2%
40.7%	46.5	46.5	0.0	0.0%	40.7%	50.1	50.1	0.0	0.0%	40.7%	53.9	54.4	0.6	1.1%	40.7%	56.8	56.9	0.1	0.2%
42.0% 43.2%	46.5 46.5	46.5 46.5	0.0	0.0%	42.0% 43.2%	50.0 50.0	50.1 50.1	0.1	0.2%	42.0% 43.2%	53.9 53.8	54.4 54.3	0.6 0.5	1.0%	42.0% 43.2%	56.7 56.7	56.9 56.7	0.1	0.2% -0.1%
43.2%	46.5 46.4	46.5	0.0	-0.1%	43.2%	49.9	50.1	0.1	0.3%	43.2%	53.7	54.3	0.6	1.1%	43.2%	56.7	56.7	0.0	-0.1%
45.7%	46.4	46.4	-0.1	-0.1%	45.7%	49.8	50.1	0.2	0.4%	45.7%	53.7	54.2	0.5	0.9%	45.7%	56.6	56.7	0.1	0.2%
46.9%	46.4	46.4	0.0	0.0%	46.9%	49.8	50.0	0.2	0.4%	46.9%	53.7	54.2	0.5	0.9%	46.9%	56.5	56.6	0.1	0.2%
48.1%	46.4	46.4	0.0	0.0%	48.1%	49.8	49.9	0.1	0.3%	48.1%	53.6	54.1	0.5	0.9%	48.1%	56.4	56.6	0.1	0.3%
49.4% 50.6%	46.2 46.2	46.3 46.2	0.0	0.1%	49.4% 50.6%	49.7 49.7	49.8 49.8	0.1 0.1	0.2% 0.1%	49.4% 50.6%	53.6 53.5	54.0 54.0	0.4 0.4	0.8%	49.4% 50.6%	56.4 56.3	56.5 56.5	0.2 0.1	0.3%
51.9%	46.2	46.2	0.0	0.0%	51.9%	49.6	49.8	0.1	0.1%	51.9%	53.5	53.9	0.4	0.7%	51.9%	56.3	56.5	0.2	0.3%
53.1%	46.1	46.2	0.0	0.1%	53.1%	49.6	49.6	0.0	0.0%	53.1%	53.5	53.8	0.3	0.5%	53.1%	56.2	56.4	0.2	0.3%
54.3%	46.1	46.2	0.0	0.0%	54.3%	49.5	49.5	0.0	0.0%	54.3%	53.4	53.7	0.3	0.6%	54.3%	56.2	56.4	0.2	0.4%
55.6% 56.8%	46.1 46.0	46.1 46.1	0.1	0.2%	55.6% 56.8%	49.5 49.4	49.5 49.4	0.0	0.1%	55.6% 56.8%	53.4 53.3	53.7 53.7	0.4 0.5	0.7%	55.6% 56.8%	56.2 56.1	56.3 56.2	0.1 0.1	0.3% 0.2%
58.0%	46.0	46.1	0.0	0.1%	58.0%	49.4	49.3	0.0	-0.1%	58.0%	53.2	53.7	0.5	1.0%	58.0%	56.0	56.2	0.2	0.3%
59.3%	46.0	46.1	0.0	0.1%	59.3%	49.3	49.3	0.0	-0.1%	59.3%	53.1	53.7	0.6	1.1%	59.3%	56.0	56.2	0.2	0.3%
60.5%	46.0 46.0	46.1 46.0	0.1	0.1%	60.5%	49.3 49.1	49.3	0.0	0.0%	60.5%	53.1	53.7 53.7	0.6	1.1%	60.5%	56.0 55.9	56.1 56.1	0.1	0.2%
63.0%	46.0 45.9	46.0 46.0	0.0	0.0%	61.7% 63.0%	49.1 49.1	49.2 49.2	0.1	0.2%	61.7% 63.0%	53.0 53.0	53.7	0.7 0.7	1.2%	61.7% 63.0%	55.9 55.9	56.1 56.0	0.1	0.2%
64.2%	45.8	46.0	0.1	0.3%	64.2%	49.1	49.1	0.1	0.1%	64.2%	52.9	53.6	0.7	1.4%	64.2%	55.9	56.0	0.1	0.3%
65.4%	45.8	45.9	0.1	0.2%	65.4%	49.0	49.1	0.0	0.0%	65.4%	52.9	53.6	0.8	1.4%	65.4%	55.9	56.0	0.1	0.3%
66.7%	45.8	45.8	0.0	0.0%	66.7%	49.0	49.0	0.0	0.0%	66.7%	52.8	53.4	0.6	1.1%	66.7%	55.9	56.0	0.1	0.2%
67.9% 69.1%	45.8 45.8	45.7 45.7	-0.1 0.0	-0.2% -0.1%	67.9% 69.1%	49.0 49.0	49.0 49.0	0.0	0.0%	67.9% 69.1%	52.8 52.8	53.4 53.4	0.6	1.1% 1.1%	67.9% 69.1%	55.6 55.6	56.0 56.0	0.4	0.6%
70.4%	45.7	45.7	0.0	0.0%	70.4%	48.9	48.9	0.0	0.0%	70.4%	52.8	53.2	0.5	0.9%	70.4%	55.6	55.9	0.4	0.6%
71.6%	45.6	45.5	0.0	0.0%	71.6%	48.8	48.9	0.0	0.0%	71.6%	52.7	52.9	0.3	0.5%	71.6%	55.5	55.9	0.4	0.8%
72.8%	45.5	45.5	0.0	0.0%	72.8%	48.6	48.6	0.0	0.0%	72.8%	52.5	52.9	0.4	0.7%	72.8%	55.4	55.9	0.5	0.9%
74.1% 75.3%	45.4 45.4	45.5 45.5	0.0	0.1% 0.1%	74.1% 75.3%	48.6 48.5	48.6 48.6	0.0	0.0%	74.1% 75.3%	52.3 52.3	52.9 52.8	0.5 0.6	1.0% 1.1%	74.1% 75.3%	55.2 55.1	55.8 55.6	0.6 0.5	1.1% 0.9%
76.5%	45.4	45.4	0.0	-0.1%	76.5%	48.4	48.6	0.0	0.4%	76.5%	52.2	52.7	0.5	1.0%	76.5%	55.0	55.6	0.5	1.0%
77.8%	45.4	45.3	0.0	-0.1%	77.8%	48.3	48.4	0.1	0.2%	77.8%	52.2	52.7	0.5	1.0%	77.8%	55.0	55.6	0.5	1.0%
79.0%	45.3	45.3	0.0	0.0%	79.0%	48.3	48.4	0.1	0.2%	79.0%	52.2	52.6	0.5	0.9%	79.0%	55.0	55.6	0.5	0.9%
80.2% 81.5%	45.2 45.2	45.2 45.2	0.0	0.0%	80.2% 81.5%	48.1 48.1	48.4 48.1	0.3 0.1	0.5% 0.2%	80.2% 81.5%	51.9 51.8	52.6 52.2	0.7	1.3% 0.8%	80.2% 81.5%	55.0 55.0	55.5 55.5	0.5 0.5	0.9% 0.9%
82.7%	45.0	45.1	0.0	0.2%	82.7%	48.0	48.1	0.1	0.2%	82.7%	51.7	52.2	0.4	0.8%	82.7%	55.0	55.4	0.3	0.8%
84.0%	45.0	45.0	0.0	0.0%	84.0%	48.0	48.1	0.1	0.3%	84.0%	51.6	52.0	0.5	0.9%	84.0%	54.9	55.4	0.5	0.8%
85.2%	44.9	44.9	0.0	0.0%	85.2%	47.9	48.0	0.1	0.1%	85.2%	51.5	51.9	0.5	0.9%	85.2%	54.9	55.2	0.3	0.5%
86.4% 87.7%	44.8 44.8	44.8 44.8	0.0	0.0%	86.4% 87.7%	47.8 47.8	47.9 47.8	0.0	0.0%	86.4% 87.7%	51.3 51.3	51.8 51.8	0.5 0.5	0.9%	86.4% 87.7%	54.8 54.8	55.1 55.1	0.3	0.5% 0.5%
88.9%	44.7	44.8	0.0	0.0%	88.9%	47.7	47.8	0.0	0.2%	88.9%	51.2	51.7	0.5	0.9%	88.9%	54.8	55.0	0.3	0.3%
90.1%	44.7	44.7	0.0	-0.1%	90.1%	47.7	47.8	0.0	0.1%	90.1%	51.1	51.4	0.3	0.5%	90.1%	54.7	54.8	0.1	0.2%
91.4%	44.6	44.6	0.1	0.1%	91.4%	47.6	47.7	0.1	0.2%	91.4%	51.0	51.4	0.3	0.7%	91.4%	54.5	54.5	0.0	0.0%
92.6% 93.8%	44.6 44.5	44.6 44.5	0.0	0.0%	92.6% 93.8%	47.6 47.4	47.6 47.4	0.0	0.0%	92.6% 93.8%	51.0 50.9	51.4 51.2	0.4	0.7%	92.6% 93.8%	54.4 54.2	54.3 54.2	-0.2 0.0	-0.3% 0.0%
93.8% 95.1%	44.5 44.4	44.5 44.4	0.0	0.1%	93.8% 95.1%	47.4 47.2	47.4 47.2	0.0	0.0%	93.8% 95.1%	50.9 50.9	51.2 51.0	0.3	0.5%	93.8% 95.1%	54.2 53.8	54.2 53.9	0.0	0.0%
96.3%	44.4	44.4	0.0	0.1%	96.3%	47.1	47.1	0.0	0.0%	96.3%	50.8	50.9	0.1	0.2%	96.3%	53.8	53.8	0.0	-0.1%
97.5%	44.2	44.2	0.0	0.1%	97.5%	46.9	47.0	0.0	0.0%	97.5%	50.4	50.4	-0.1	-0.1%	97.5%	53.8	53.8	0.0	-0.1%
98.8%	44.1	44.1	0.0	0.0%	98.8%	46.7	46.8	0.1	0.1%	98.8%	49.9	49.8	-0.1	-0.2%	98.8%	53.7	53.7	0.1	0.1%
100.0%	43.6	43.6	0.0	0.0%	100.0%	46.5	46.5	0.0	0.0%	100.0%	48.5	48.5	0.0	0.0%	100.0%	52.6	52.5	-0.1	-0.2%

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

						Probability of Exceedance Probability of Exceedance													
Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative		Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative		Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative
Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)
0.0%	(DEG-F) 61.1	(DEG-F) 60.6	-0.4	-0.7%	(%) 0.0%	(DEG-F) 63.6	(DEG-F) 62.2	-1.3	-2.1%		(DEG-F) 67.6	(DEG-F) 67.1	-0.6	-0.8%	(%) 0.0%	(DEG-F) 67.0	(DEG-F) 66.9	-0.1	-0.2%
1.2%	61.0	60.3	-0.7	-1.2%	1.2%	62.4	62.0	-0.4	-0.6%	1.2%	67.3	64.8	-2.5	-3.7%	1.2%	65.6	64.5	-1.2	-1.8%
2.5%	59.9	59.9	-0.1	-0.2%	2.5%	61.8	61.6	-0.1	-0.2%	2.5%	66.3	62.7	-3.5	-5.4%	2.5%	65.6	64.4	-1.1	-1.7%
3.7%	59.5	59.4	-0.1	-0.2%	3.7%	61.4	61.4	0.0	0.1%	3.7%	65.0	62.2	-2.8	-4.3%	3.7%	65.2	64.3	-0.9	-1.3%
4.9% 6.2%	59.4 59.1	59.3 59.2	-0.1 0.1	-0.2% 0.2%	4.9% 6.2%	61.3 61.2	61.0 60.6	-0.3 -0.5	-0.5% -0.9%	4.9% 6.2%	62.6 62.4	61.3 61.0	-1.4 -1.4	-2.2% -2.2%	4.9% 6.2%	64.9 64.9	64.1 64.0	-0.9 -0.9	-1.3% -1.4%
7.4%	59.0	59.2	0.1	0.2%	7.4%	61.0	60.5	-0.5	-0.8%	7.4%	61.9	61.0	-0.9	-1.5%	7.4%	64.4	63.7	-0.9	-1.1%
8.6%	58.9	59.1	0.2	0.3%	8.6%	60.9	60.5	-0.4	-0.6%	8.6%	61.0	60.2	-0.8	-1.4%	8.6%	63.8	62.4	-1.3	-2.1%
9.9%	58.8	59.1	0.3	0.5%	9.9%	60.2	60.3	0.1	0.1%	9.9%	60.7	60.1	-0.6	-1.0%	9.9%	62.4	61.8	-0.7	-1.1%
11.1% 12.3%	58.6 58.5	58.8 58.8	0.2	0.3%	11.1% 12.3%	60.1 60.0	60.0 59.8	-0.1 -0.3	-0.2%	11.1%	60.5 60.4	60.1 60.0	-0.4 -0.4	-0.7% -0.7%	11.1% 12.3%	61.6 61.6	61.4 61.2	-0.3	-0.4%
13.6%	58.3	58.7	0.3	0.5%	13.6%	59.7	59.7	0.0	-0.4% 0.0%	12.3% 13.6%	60.3	60.0	-0.4	-0.7%	13.6%	61.5	61.1	-0.4 -0.4	-0.6% -0.6%
14.8%	58.2	58.7	0.5	0.9%	14.8%	59.6	59.7	0.0	0.2%	14.8%	60.1	59.9	-0.2	-0.3%	14.8%	61.4	60.7	-0.7	-1.1%
16.0%	58.2	58.2	0.0	0.0%	16.0%	59.4	59.4	0.0	0.1%	16.0%	60.0	59.8	-0.2	-0.3%	16.0%	61.2	60.4	-0.8	-1.3%
17.3%	58.0	58.1	0.1	0.1%	17.3%	59.4	59.1	-0.3	-0.4%	17.3%	59.8	59.7	-0.1	-0.1%	17.3%	60.8	60.4	-0.4	-0.6%
18.5% 19.8%	57.9 57.9	57.9 57.7	0.0 -0.1	-0.1% -0.3%	18.5% 19.8%	59.2 59.0	59.1 59.0	-0.2 0.0	-0.3% 0.0%	18.5% 19.8%	59.7 59.6	59.7 59.5	0.0 -0.1	-0.2%	18.5% 19.8%	60.7 60.6	60.3 60.1	-0.4 -0.5	-0.6% -0.8%
21.0%	57.9	57.7	-0.2	-0.4%	21.0%	59.0	58.9	-0.1	-0.1%	21.0%	59.5	59.3	-0.1	-0.5%	21.0%	60.6	60.0	-0.6	-1.0%
22.2%	57.7	57.6	-0.1	-0.2%	22.2%	58.9	58.9	0.0	-0.1%	22.2%	59.3	59.2	-0.1	-0.1%	22.2%	60.2	59.8	-0.5	-0.8%
23.5%	57.7	57.6	-0.2	-0.3%	23.5%	58.9	58.8	-0.1	-0.1%	23.5%	59.3	59.2	-0.1	-0.2%	23.5%	60.2	59.5	-0.7	-1.2%
24.7%	57.6	57.5	0.0	0.0%	24.7%	58.7	58.7	0.0	0.0%	24.7%	59.2	59.1	-0.2	-0.3%	24.7%	60.0	59.5	-0.6	-1.0%
25.9% 27.2%	57.5 57.5	57.5 57.5	0.0	0.0%	25.9% 27.2%	58.6 58.5	58.7 58.5	0.1	0.1%	25.9% 27.2%	59.2 59.1	59.1 59.0	-0.2 -0.1	-0.3% -0.2%	25.9% 27.2%	60.0 59.6	59.4 59.3	-0.5 -0.3	-0.9% -0.5%
28.4%	57.5	57.5	0.0	0.0%	28.4%	58.5	58.5	-0.1	-0.1%	28.4%	59.1	59.0	-0.1	-0.2%	28.4%	59.5	59.2	-0.2	-0.4%
29.6%	57.5	57.5	0.0	0.0%	29.6%	58.5	58.4	-0.1	-0.1%	29.6%	58.9	58.9	0.1	0.1%	29.6%	59.4	59.2	-0.2	-0.4%
30.9%	57.5	57.4	-0.1	-0.2%	30.9%	58.5	58.4	-0.1	-0.1%	30.9%	58.8	58.8	0.0	-0.1%	30.9%	59.4	59.1	-0.3	-0.6%
32.1% 33.3%	57.5 57.4	57.4 57.3	-0.1 -0.1	-0.2% -0.1%	32.1% 33.3%	58.5 58.4	58.2 58.2	-0.3 -0.2	-0.5% -0.4%	32.1% 33.3%	58.8 58.8	58.7 58.7	-0.1 -0.1	-0.2% -0.2%	32.1% 33.3%	59.4 59.4	59.0 59.0	-0.4 -0.4	-0.7% -0.7%
33.3%	57.4 57.3	57.3	0.0	-0.1%	33.3%	58.3	58.2	-0.2	-0.4%	33.3%	58.7	58.6	0.0	-0.2%	33.3%	59.4	58.9	-0.4	-0.7%
35.8%	57.3	57.3	0.0	-0.1%	35.8%	58.2	58.1	-0.1	-0.2%	35.8%	58.7	58.6	-0.1	-0.1%	35.8%	59.3	58.8	-0.5	-0.9%
37.0%	57.3	57.2	0.0	-0.1%	37.0%	58.1	58.1	0.0	-0.1%	37.0%	58.6	58.5	-0.1	-0.1%	37.0%	59.3	58.7	-0.6	-1.0%
38.3%	57.3	57.2	-0.1	-0.1%	38.3%	58.1	58.1	-0.1	-0.1%	38.3%	58.6	58.5	-0.1	-0.1%	38.3%	59.2	58.7	-0.5	-0.9%
39.5% 40.7%	57.2 57.2	57.2 57.1	0.0	-0.1% 0.0%	39.5% 40.7%	58.1 58.0	58.0 57.9	0.0 -0.1	-0.1% -0.2%	39.5% 40.7%	58.6 58.6	58.5 58.5	-0.1 -0.1	-0.2% -0.2%	39.5% 40.7%	59.1 59.0	58.7 58.6	-0.4 -0.4	-0.7% -0.7%
42.0%	57.1	57.1	0.0	0.0%	42.0%	58.0	57.9	-0.1	-0.2%	42.0%	58.4	58.4	0.1	0.2%	42.0%	59.0	58.6	-0.5	-0.8%
43.2%	57.0	57.1	0.1	0.1%	43.2%	58.0	57.9	-0.1	-0.1%	43.2%	58.4	58.4	0.0	0.0%	43.2%	59.0	58.5	-0.5	-0.9%
44.4%	57.0	57.0	0.0	0.1%	44.4%	57.9	57.8	-0.1	-0.2%	44.4%	58.3	58.3	0.0	0.0%	44.4%	59.0	58.5	-0.5	-0.8%
45.7%	57.0	57.0	0.0	0.1%	45.7%	57.9	57.8	-0.1	-0.2%	45.7%	58.3	58.3	0.0	0.0%	45.7%	58.8	58.4	-0.4	-0.6%
46.9% 48.1%	57.0 56.9	57.0 57.0	0.0 0.1	0.1% 0.2%	46.9% 48.1%	57.7 57.7	57.7 57.6	0.1 -0.1	0.1% -0.1%	46.9% 48.1%	58.3 58.3	58.3 58.3	0.0 -0.1	0.0%	46.9% 48.1%	58.7 58.7	58.3 58.3	-0.4 -0.4	-0.7% -0.7%
49.4%	56.9	57.0	0.1	0.2%	49.4%	57.5	57.6	0.1	0.1%	49.4%	58.3	58.3	0.0	-0.1%	49.4%	58.5	58.3	-0.3	-0.4%
50.6%	56.9	56.9	0.1	0.1%	50.6%	57.5	57.6	0.1	0.1%	50.6%	58.3	58.2	0.0	0.0%	50.6%	58.5	58.2	-0.3	-0.6%
51.9%	56.9	56.9	0.1	0.1%	51.9%	57.4	57.6	0.2	0.3%	51.9%	58.3	58.2	0.0	-0.1%	51.9%	58.4	58.2	-0.3	-0.4%
53.1% 54.3%	56.8 56.8	56.9 56.9	0.1 0.1	0.1% 0.2%	53.1% 54.3%	57.4 57.2	57.5 57.5	0.1 0.3	0.3%	53.1% 54.3%	58.2 58.2	58.2 58.2	-0.1 0.0	-0.1% 0.0%	53.1% 54.3%	58.4 58.3	58.2 58.1	-0.2 -0.1	-0.3% -0.2%
55.6%	56.8	56.9	0.1	0.2%	55.6%	57.2	57.4	0.3	0.4%	55.6%	58.1	58.1	0.0	0.0%	55.6%	58.3	58.1	-0.1	-0.3%
56.8%	56.6	56.9	0.2	0.4%	56.8%	57.2	57.3	0.1	0.3%	56.8%	58.1	58.1	0.0	0.0%	56.8%	58.2	58.1	-0.2	-0.3%
58.0%	56.6	56.8	0.1	0.3%	58.0%	57.1	57.3	0.2	0.3%	58.0%	58.1	58.1	0.0	0.0%	58.0%	58.2	58.0	-0.2	-0.4%
59.3%	56.6	56.8	0.2	0.3%	59.3%	57.1	57.1	0.1	0.1%	59.3%	58.0	58.1	0.1	0.2%	59.3%	58.1	58.0	-0.2	-0.3%
60.5% 61.7%	56.6 56.6	56.7 56.6	0.2	0.3%	60.5% 61.7%	57.1 57.0	57.1 57.1	0.1	0.1% 0.1%	60.5% 61.7%	58.0 58.0	58.1 58.1	0.1	0.2%	60.5% 61.7%	58.1 58.0	57.8 57.7	-0.3 -0.2	-0.6% -0.4%
63.0%	56.6	56.6	0.1	0.1%	63.0%	57.0	57.1	0.0	0.0%	63.0%	57.9	58.0	0.0	0.0%	63.0%	57.7	57.7	0.0	-0.1%
64.2%	56.5	56.6	0.0	0.1%	64.2%	57.0	57.1	0.0	0.0%	64.2%	57.9	57.9	0.0	0.0%	64.2%	57.7	57.5	-0.2	-0.4%
65.4%	56.5	56.6	0.0	0.1%	65.4%	57.0	57.0	0.0	0.0%	65.4%	57.9	57.9	0.0	0.0%	65.4%	57.7	57.4	-0.3	-0.5%
66.7% 67.9%	56.5 56.4	56.6 56.5	0.0 0.1	0.0% 0.1%	66.7% 67.9%	56.9 56.9	57.0 57.0	0.0	0.1% 0.1%	66.7% 67.9%	57.9 57.9	57.9 57.9	0.0	0.0%	66.7% 67.9%	57.7 57.6	57.3 57.3	-0.4 -0.3	-0.6% -0.5%
69.1%	56.4	56.5	0.1	0.1%	69.1%	56.8	57.0	0.1	0.1%	69.1%	57.9	57.9	0.0	-0.1%	69.1%	57.5	57.3	-0.3	-0.5%
70.4%	56.3	56.5	0.1	0.2%	70.4%	56.8	56.9	0.2	0.3%	70.4%	57.8	57.9	0.0	0.0%	70.4%	57.0	57.2	0.2	0.3%
71.6%	56.3	56.4	0.1	0.1%	71.6%	56.8	56.9	0.1	0.2%	71.6%	57.8	57.8	0.0	-0.1%	71.6%	57.0	57.2	0.2	0.4%
72.8%	56.2	56.4	0.1	0.3%	72.8%	56.8	56.9	0.1	0.2%	72.8%	57.7	57.8	0.0	0.0%	72.8%	56.9	57.2	0.2	0.4%
74.1%	56.2	56.3 56.3	0.2	0.3%	74.1%	56.7 56.7	56.9 56.8	0.1	0.2%	74.1%	57.7	57.7 57.6	-0.1 -0.1	-0.1%	74.1%	56.9 56.8	57.1 57.0	0.2	0.4%
75.3% 76.5%	56.2 56.1	56.3 56.3	0.1 0.1	0.2%	75.3% 76.5%	56.7 56.7	56.8 56.8	0.1 0.1	0.2%	75.3% 76.5%	57.7 57.7	57.6 57.6	-0.1 -0.1	-0.1% -0.1%	75.3% 76.5%	56.8 56.8	57.0 57.0	0.1 0.2	0.2%
77.8%	56.1	56.3	0.1	0.2%	77.8%	56.7	56.8	0.1	0.2%	77.8%	57.6	57.5	-0.1	-0.1%	77.8%	56.8	56.9	0.1	0.1%
79.0%	56.1	56.2	0.1	0.2%	79.0%	56.7	56.8	0.1	0.2%	79.0%	57.5	57.5	0.0	0.0%	79.0%	56.8	56.8	0.1	0.1%
80.2% 81.5%	56.1 56.1	56.2	0.1	0.2%	80.2% 81.5%	56.7	56.8 56.7	0.1	0.2%	80.2% 81.5%	57.5 57.4	57.5 57.5	0.0	0.0%	80.2% 81.5%	56.8 56.7	56.7 56.7	0.0	0.0%
81.5% 82.7%	56.1 56.1	56.1 56.0	0.0	0.1% -0.1%	81.5% 82.7%	56.6 56.6	56.7 56.6	0.1	0.2%	81.5% 82.7%	57.4 57.4	57.5 57.5	0.0	0.0%	81.5% 82.7%	56.7 56.7	56.7 56.7	0.0	0.0%
84.0%	56.1	56.0	0.0	0.0%	84.0%	56.6	56.5	0.0	0.0%	84.0%	57.4	57.4	0.1	0.1%	84.0%	56.6	56.6	0.0	0.0%
85.2%	56.0	56.0	0.0	0.0%	85.2%	56.5	56.5	0.0	0.1%	85.2%	57.3	57.4	0.1	0.2%	85.2%	56.6	56.6	0.0	0.1%
86.4%	56.0	56.0	0.0	-0.1%	86.4%	56.4	56.3	-0.1	-0.2%	86.4%	57.3	57.4	0.1	0.2%	86.4%	56.5	56.6	0.1	0.2%
87.7%	56.0	56.0	0.0	0.0%	87.7%	56.4	56.3	-0.1	-0.1%	87.7%	57.3	57.3	0.1	0.1%	87.7%	56.3	56.6	0.3	0.6%
88.9% 90.1%	56.0 55.9	55.9 55.9	-0.1 0.0	-0.2% 0.0%	88.9% 90.1%	56.3 56.3	56.3 56.2	0.0 -0.1	-0.1% -0.1%	88.9% 90.1%	57.3 57.0	57.3 57.3	0.1	0.1%	88.9% 90.1%	56.2 56.2	56.3 56.2	0.1	0.2%
90.1%	55.8 55.8	55.8	0.0	0.0%	90.1%	56.1	56.1	0.0	-0.1%	90.1%	56.9	57.3 57.2	0.3	0.5%	90.1%	56.2	56.2	0.0	0.0%
92.6%	55.6	55.8	0.2	0.3%	92.6%	56.1	56.1	0.1	0.1%	92.6%	56.8	56.9	0.1	0.2%	92.6%	56.1	56.1	0.0	-0.1%
93.8%	55.6	55.8	0.2	0.3%	93.8%	55.9	55.9	0.0	0.0%	93.8%	56.6	56.9	0.3	0.5%	93.8%	56.1	56.0	-0.1	-0.1%
95.1%	55.3	55.7	0.3	0.6%	95.1%	55.8	55.8	0.0	0.0%	95.1%	56.6	56.7	0.2	0.3%	95.1%	56.0	55.9	-0.1	-0.1%
96.3% 97.5%	55.0 55.0	55.4 55.2	0.4	0.7%	96.3% 97.5%	55.8 55.8	55.7 55.6	-0.1 -0.2	-0.2% -0.4%	96.3% 97.5%	56.3 56.3	56.4 56.3	0.1	0.2% 0.1%	96.3% 97.5%	55.9 55.6	54.9 54.8	-1.0 -0.8	-1.8% -1.4%
98.8%	54.9	55.0	0.2	0.4%	98.8%	55.7	55.6	-0.2	-0.4%	98.8%	56.0	56.3	0.0	0.1%	98.8%	54.5	54.8	0.3	0.6%
100.0%	54.8	54.5	-0.3	-0.6%	100.0%	55.6	55.5	-0.1	-0.2%	100.0%	55.9	56.0	0.2	0.3%	100.0%	54.3	54.5	0.2	0.3%

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

					Mon	thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Loi	ng-term							
Full Simulation Period ¹												
No Action Alternative	56.4	50.9	45.5	44.4	46.8	50.8	55.2	59.5	60.6	61.7	62.4	61.4
Alternative B	56.2	50.8	45.6	44.6	46.8	50.9	55.7	59.7	60.7	61.7	62.3	61.2
Difference	-0.2	-0.1	0.1	0.1	0.0	0.1	0.4	0.2	0.1	0.0	-0.1	-0.2
Percent Difference ³	-0.4%	-0.2%	0.2%	0.3%	0.1%	0.2%	0.8%	0.4%	0.1%	0.0%	-0.2%	-0.3
				Water Y	ear Types	2						
Wet (32%)												
No Action Alternative	55.8	51.2	45.6	44.7	46.4	49.6	53.8	59.0	60.6	62.0	61.9	59.0
Alternative B	55.7	51.2	45.8	44.8	46.4	49.7	53.9	58.9	60.3	62.0	62.1	59.1
Difference	-0.1	-0.1	0.2	0.1	0.0	0.1	0.2	-0.1	-0.2	0.0	0.2	0.0
Percent Difference	-0.1%	-0.2%	0.5%	0.1%	0.1%	0.2%	0.3%	-0.1%	-0.4%	0.1%	0.2%	0.19
Above Normal (15%)												
No Action Alternative	55.7	50.5	45.9	44.8	46.8	50.8	55.4	60.2	60.3	60.8	62.0	60.7
Alternative B	55.6	50.5	46.1	44.9	46.8	51.0	55.8	60.1	60.5	60.7	62.1	60.9
Difference	-0.1	0.0	0.2	0.1	0.0	0.1	0.3	-0.1	0.1	-0.1	0.1	0.2
Percent Difference	-0.2%	0.0%	0.5%	0.3%	0.1%	0.2%	0.6%	-0.2%	0.2%	-0.1%	0.1%	0.39
Below Normal (17%)												
No Action Alternative	55.5	50.5	45.8	44.2	46.3	50.8	55.9	59.7	60.2	61.2	61.7	61.9
Alternative B	55.3	50.4	45.8	44.3	46.3	50.9	56.5	60.0	60.4	61.2	61.7	61.5
Difference	-0.2	0.0	0.0	0.1	0.0	0.1	0.6	0.4	0.1	0.1	0.0	-0.4
Percent Difference	-0.4%	-0.1%	0.0%	0.3%	0.1%	0.3%	1.0%	0.6%	0.2%	0.1%	0.0%	-0.79
Dry (22%)												
No Action Alternative	56.7	51.0	45.5	44.1	46.9	51.6	56.2	59.3	60.7	61.2	62.1	62.7
Alternative B	56.5	50.8	45.5	44.4	46.9	51.7	56.8	59.7	61.0	61.2	62.0	62.3
Difference	-0.2	-0.2	0.0	0.3	0.0	0.1	0.6	0.4	0.4	0.0	-0.2	-0.4
Percent Difference	-0.4%	-0.4%	-0.1%	0.7%	0.0%	0.3%	1.0%	0.7%	0.6%	0.0%	-0.2%	-0.69
Critical (15%)												
No Action Alternative	59.0	50.6	44.8	44.3	47.8	52.2	55.8	59.8	61.4	63.7	65.1	64.8
Alternative B	58.5	50.3	44.8	44.4	47.8	52.3	56.6	60.6	61.5	63.5	64.1	64.3
Difference	-0.6	-0.3	0.0	0.1	0.1	0.1	0.8	0.8	0.1	-0.2	-1.0	-0.6
Percent Difference	-1.0%	-0.5%	0.1%	0.3%	0.1%	0.2%	1.5%	1.3%	0.2%	-0.4%	-1.6%	-0.9

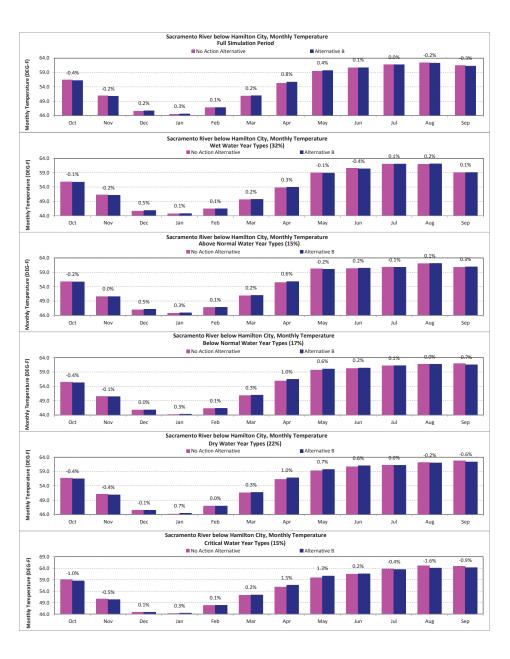


Figure SQ-08-5b Sacramento River below Hamilton City, Monthly Temperature Probability of Exceedance

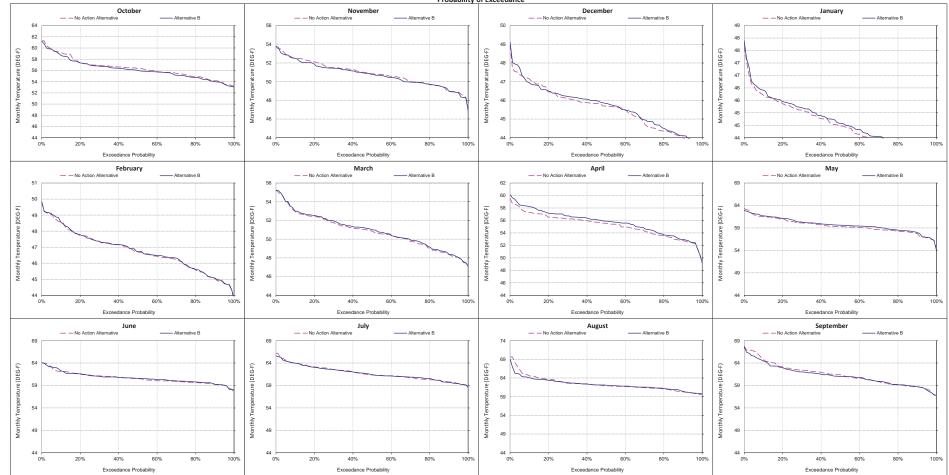


Table SQ-08-5b Sacramento River below Hamilton City, Monthly Temperature Probability of Exceedance

January

Novembe

Octobe

Percent Percent Percent Percent No Action Alternative Alternative B Absolute Relative Exceedance Relative Relative Relative Exceedance Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) 0.0% 61.3 61.2 -0.1 -0.2% 0.0% 53.7 53.8 0.2% 0.0% 49.0 49.1 0.3% 47.9 0.5% 1.2% 61.3 60.7 -0.5 -0.9% 1.2% 53.5 53.7 0.1 0.3% 1.2% 47.7 48.0 0.3 0.7% 1.2% 47.1 47.2 0.1 0.2% 2.5% 60.4 60.0 -0.4-0.7% 2.5% 53.5 53.1 -0.7% 2.5% 47.5 47.9 0.8% 2.5% 46.5 46.8 0.7% 3.7% 3.7% 60.1 59.8 -0.3 -0.4% 3.7% 53.2 52.9 -0.3 -0.5% 3.7% 47.5 47.9 0.4 0.8% 46.2 46.3 0.1 0.2% 4.9% 59.8 59.8 0.0% 4.9% 53.0 52.9 -0.2% 4.9% 47.4 47.8 0.8% 4.9% 46.1 46.2 0.1 0.2% 6.2% 6.2% 6.2% 6.2% 59.4 59.5 0.1 0.2% 52.8 52.8 0.0 0.0% 47.3 47.3 0.0 0.1% 45.9 46.1 0.2 0.4% 7.4% 59.3 -0.1% 7.4% 52.6 -0.2% 7.4% 47.2 0.0 -0.1% 7.4% 45.9 46.0 0.1 0.3% 8.6% 8.6% 8.6% 8.6% 59.3 59.0 -0.3 -0.4% 52.6 52.5 0.0 0.0% 47.2 47.0 -0.2 -0.5% 45.8 45.9 0.3% 9.9% 11.1% 12.3% 9.9% -0.9% 0.0% -0.5% 11.1% 12.3% 59.0 58.5 -0.5 -0.8% -0.7% 11.1% 52.5 52.4 -0.1 -0.1% 11.1% 47.0 46.9 -0.2 -0.4% 45.6 45.9 0.2 0.5% 13.6% 13.6% 13.6% 13.6% 0.1% 58.9 58.4 -0.5 -0.8% 52.4 52 1 -0 4 -0.7% 46.9 46.8 -0.1 -0.1% 45.6 45.6 0.0 -1.8% 16.0% 16.0% 16.0% 16.0% 58.1 57.7 -0.4 -0.7% 52.3 52.0 -0.2 -0.5% 46.9 46.6 -0.3 -0.6% 45.5 45.6 0.0 0.1% 18.5% 18.5% -0.3% 18.5% 18.5% 0.1 0.2% 57.5 57.7 0.1 0.2% 52.2 52.0 -0.1 46.7 46.6 -0.1 -0.3% 45.4 45.5 19.8% 21.0% 57.4 57.2 0.0 0.0% 51.9 51.7 -0.2 -0.4 19.8% 0.1 19.8% 21.0% 0.1 21.0% 57.3 52.0 -0.7% 46.4 46.5 0.1% 45.3 45.4 0.2% 22.2% 23.5% 57.2 57.2 22.2% 23.5% 51.6 22.2% 23.5% 22.2% 23.5% 45.4 0.1 57.2 0.0 51.6 -0.5 0.0% 52.0 -0.9% 46.4 46.4 0.0 0.0% 45.3 45.4 0.2% 24.7% 25.9% 57.0 57.0 -0.1% -0.2% 24.7% 25.9% 24.7% 25.9% 24.7% 25.9% -0.1 -0.1 51.5 51.5 -0.2 -0.1 -0.5% 46.2 0.2 45.2 45.4 0.1 0.3% 46.3 45.2 0.3% 56.9 51.6 -0.3% 46.2 0.3% 45.3 27.2% 28.4% 27.2% 28.4% 57.0 56.8 -0.2% 27.2% 51.5 -0.2% 27.2% 46.1 46.2 45.2 45.2 0.1 56.9 -0.1 -0.2% 28.4% 51.5 51.4 -0.1 -0.1% 28.4% 46.1 0.1 0.2% 0.2% 46.2 45.1 45.2 29.6% 30.9% -0.2% -0.3% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 56.9 56.9 51.4 51.4 -0.1% -0.1% 0.3% 45.2 45.2 0.1 0.2% 32.1% 56.8 -0.1 -0.2% 32.1% 51.5 51.4 -0.1% 32.1% 46.0 46.2 0.3% 32.1% 45.0 45.2 0.1 0.3% 33.3% -0.2% 33.3% 51.4 0.0 -0.1% 33.3% 46.0 0.1 0.3% 33.3% 45.2 0.1 0.3% 34.6% 56.8 56.6 -0.2 -0.3% 34.6% 51.4 51.3 -0.3% 34.6% 46.0 46.1 0.2 0.3% 34.6% 44.9 45.1 0.2 0.4% 35.8% -0.5% 35.8% 51.3 -0.2% 35.8% 0.2 35.8% 0.1 0.4% 0.2% 37.0% 56.7 56.4 -0.3-0.5% 37.0% 51.4 51.3 -0.1-0.2% 37.0% 45.9 46.1 0.2 0.4% 37.0% 44.9 45.0 0.1 0.2% 38.3% 56.6 -0.4% 38.3% 51.2 38.3% 38.3% 44.9 44.8 0.2% 39.5% 56.6 56.4 -0.2 -0.4% 39.5% 51.3 51.2 -0.2 -0.3% 39.5% 45.9 46.1 0.2 0.4% 39.5% 44.8 44.9 0.1 0.3% 40.7% 56.6 -0.4% 40.7% 51.3 51.1 -0.1 -0.3% 40.7% 45.9 46.0 0.2 0.4% 40.7% 44.8 44.9 0.1 0.2% 42.0% 56.6 56.3 -0.2-0.4% 42.0% 51.2 51.0 -0.3% 42.0% 45.8 46.0 0.3% 42.0% 44.8 44.8 0.1 0.2% 0.1% 43.2% 56.5 56.3 -0.3 -0.5% 43.2% 51.1 51.0 -0.1 -0.1% 43.2% 45.8 46.0 0.1 0.3% 43.2% 44.7 44.8 0.0 44.4% 56.5 -0.3 -0.5% 44.4% 51.0 51.0 -0.1% 44.4% 45.8 46.0 0.3% 44.4% 44.6 44.7 0.1 0.3% 45.7% 45.7% 45.7% 56.5 56.1 -0.3 -0.6% 51.0 50.9 -0.1 -0.1% 45.8 46.0 0.1 0.3% 45.7% 44.6 44.7 0.2 0.4% 46.9% 56.5 -0.6% 46.9% 51.0 50.9 -0.2% 46.9% 45.8 45.9 0.2% 46.9% 44.5 44.7 0.2 0.4% 48.1% 49.4% 56.5 56.1 -0.4 -0.7% 48.1% 50.9 50.9 0.0 0.0% 48.1% 45.7 45.9 0.2 0.4% 48.1% 44.5 44.6 0.1 0.2% -0.6% 49.4% 50.8 -0.1% 49.4% 45.7 0.3% 49.4% 44.5 44.6 0.1 0.2% 50.6% 50.6% 50.6% 50.6% 56.4 55.9 -0.4 -0.8% 50.8 50.8 0.0 -0.1% 45.7 45.8 0.1 0.3% 44.5 44.6 0.1 0.2% 51.9% 56.3 56.2 -0.5-0.8% 51.9% 50.8 -0.2% 45.8 0.2% 51.9% 53.1% 44.6 0.1 0.2% 0.1 53.1% 53.1% 53.1% 55.9 -0 3 -0.6% 50.8 50.7 -0.1 -0.2% 45.7 45.7 44 4 445 0.2% 55.6% 56.8% 55.6% 55.6% 55.6% 56.0 55.8 -0.2 -0.4% 50.8 50.6 -0.1 -0.3% 45.6 45.7 0.1 0.1% 44.4 44.5 0.1 0.2% 58.0% 58.0% 58.0% 56.0 55.8 -0.2 -0.4% 50.6 50.5 -0.2 -0.3% 45.6 45.5 -0.1 -0.2% 58.0% 44.2 44.3 0.2 0.4% 60.5% 60.5% 60.5% 55.7 55.7 0.0 0.0% 50.6 50.4 -0.1 -0.3% 45.5 45.5 0.0 0.0% 60.5% 44.1 44.3 0.2 0.4% 61.7% 44.2 63.0% 63.0% 55.7 63.0% -0.2 0.1 63.0% 55.7 -0.1 -0.1% 50.5 50.3 -0.4% 45.3 45.4 0.2% 44.0 44.2 0.2 0.4% 64.2% 65.4% 55.7 55.6 0.0 64.2% 65.4% -0.3% -0.5% 64.2% 65.4% 45.2 45.1 0.4% 64.2% 65.4% 44.0 43.9 0.2 55.6 -0.3 0.2 44.1 0.3% 0.0% 50.4 50.1 45.3 66.7% 67.9% -0.1 -0.2 -0.1% -0.3% 66.7% 67.9% 66.7% 67.9% 45.2 45.0 66.7% 67.9% 55.6 50.0 -0.4 -0.2 -0.8% 45.1 0.2% 43.9 44 1 0.1 0.3% 50.4 55.6 -0.1 55.4 50.0 44.1 50.2 -0.5% 45.1 -0.2% 43.8 0.5% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 55.2 55.1 -0.7% 50.0 44 Q 43.8 44.0 0.6% 0.3 55.4 -0.3 -0.5% 50.0 50.0 0.0 -0.1% 44.7 44.9 0.3 43.7 44.0 0.7% 71.6% 55.4 55.1 -0.3 -0.6% -0.5% 71.6% 49 9 -0.1% 71.6% 44 6 44 9 0.3 0.6% 71.6% 44 0 0.3 0.8% 72.8% 55.4 -0.3 72.8% 50.0 49.9 0.0 -0.1% 72.8% 44.6 44.9 0.3 0.6% 72.8% 43.7 43.9 0.3 0.6% -0.5% -0.4% 74.1% 75.3% 74.1% 75.3% 74.1% 49.9 74.1% 44.5 0.3 0.8% 43.9 0.2 75.3% -0.1% 75.3% 43.9 0.5% 76.5% -0.3 -0.5% 76.5% 49.9 49.9 -0.1% 76.5% 44.4 0.2 0.5% 76.5% 43.5 43.8 0.3 0.8% 77.8% -0.3% 77.8% -0.1% 77.8% 0.3 0.6% 77.8% 0.3 0.7% 43.8 79.0% 54.9 -0.1 -0.2% 79.0% 49.7 49.8 0.0 0.0% 79.0% 44.4 44.5 0.2 0.4% 79.0% 43.5 43.8 0.3 0.7% 80.2% -0.2% 80.2% 49.7 0.1% 80.2% 44.4 80.2% 43.7 54.9 49.7 44.5 0.1 43.5 0.6% 81.5% 54.9 54.7 -0.3% 81.5% 49.7 49.7 0.1% 81.5% 44.4 44.4 0.1% 81.5% 43.4 43.6 0.1 0.3% 82.7% 54.9 54.5 -0.6% 82.7% 49.6 0.1% 82.7% 44.3 44.4 0.0 0.1% 82.7% 43.4 43.5 0.0 0.1% 84.0% 54.7 -0.2 -0.5% 84.0% 49.6 49.6 0.0% 84.0% 44.3 44.3 0.1 0.2% 84.0% 43.3 43.4 0.2 0.4% 85.2% 54.6 54.4 -0.2 -0.5% 85.2% 49.6 49.5 0.0 0.0% 85.2% 44.2 44.3 0.1 0.2% 85.2% 43.2 43.4 0.1 0.3% 86.4% -0.1% 86.4% 49.5 49.5 -0.1% 86.4% 44.1 44.2 0.2% 86.4% 43.2 43.3 0.3% 87.7% 54.3 54.1 -0.2 -0.3% 87.7% 49.4 494 0.0 0.0% 87.7% 44 1 44 1 0.0 0.0% 87.7% 43.1 433 0.1 0.2% 88.9% 54.2 -0.1 -0.2% 88.9% 49.0 49.3 0.3 0.5% 88.9% 44.1 44.1 0.1 0.1% 88.9% 43.1 43.2 0.1 0.2% 90.1% 54.2 54.0 -0.2 -0.4% 90.1% 49.0 49.0 0.0 0.0% 90.1% 44.0 44.1 0.1 0.2% 90.1% 43.1 43.1 0.0 0.0% 91.4% 53.9 53.9 -0.3% 91.4% 48.9 91.4% 43.9 91.4% 42.9 43.1 0.2 91.4% 92.6% 92.6% 54.0 -0.1 -0.2% 48 9 48 9 0.0 0.1% 43.8 44.0 0.2 0.5% 92.6% 42 9 429 0.0% 93.8% -0.4% 48.8 -0.1% 0.5% 93.8% 42.8 54.0 53.7 -0.293.8% 48.9 -0.193.8% 43.7 44.0 42.8 0.0 0.0% 95.1% 95.1% 95.1% 95.1% 53.5 53.5 0.0 0.1% 48.9 48.8 -0.1 -0.2% 43.7 43.8 0.1 0.2% 42.7 42.7 0.1 0.2% 96.3% 53.3 -0.3% 96.3% 48.4 -0.3-0.6% 96.3% 97.5% 43.5 43.7 0.4% 96.3% 97.5% 42.5 42.7 0.2 0.6% -0.1 97.5% 97.5% 0.3% 53.4 53.2 -0 3 -0.5% 48 5 483 -n 2 -0.4% 43.5 434 -0.2% 42.4 426 -0.3% 98.8% 42.2 0.0% 100.0% 100.0% 100.0% 53.2 53.0 0.0 -0.3% 100.0% 47.5 46.9 -0.6 -1.3% 41.7 41.9 0.4% 41.6 42.2 0.6 1.5%

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

		February			-		March					April			-		May		
Percent	No Action Alternative	Alternative B	Absolute		Percent	No Action Alternative	Alternative B	Absolute		Percent	No Action Alternative	Alternative B	Absolute		Percent	No Action Alternative	Alternative B	Absolute	
Exceedance			Difference	Relative	Exceedance			Difference	Relative	Exceedance			Difference	Relative	Exceedance			Difference	Relative
Probability		Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)	0.0	0.0%	(%)	(DEG-F)	(DEG-F)	0.0	-0.1%		(DEG-F)	(DEG-F)	0.6	1.0%	(%)	(DEG-F)	(DEG-F)	-0.4	0.00/
	49.8	49.8			0.0%	55.3	55.2				59.5	60.1				63.3	62.9		-0.6%
1.2% 2.5%	49.2 49.1	49.2 49.2	0.0	0.0%	1.2% 2.5%	55.0 54.8	55.2 55.0	0.2	0.3%	1.2% 2.5%	58.7 58.6	59.6 59.4	0.9	1.6%	1.2% 2.5%	63.1 62.9	62.7 62.6	-0.4 -0.4	-0.6% -0.6%
3.7%	49.1	49.2	0.0	0.1%	3.7%	54.6	55.0	0.0	0.0%	3.7%	58.4	58.9	0.5	0.9%	3.7%	62.4	62.3	-0.4	-0.2%
4.9%	49.1	49.0	-0.1	-0.2%	4.9%	54.1	54.1	0.0	0.0%	4.9%	58.2	58.5	0.3	0.6%	4.9%	62.0	62.2	0.1	0.4%
6.2%	48.9	49.0	0.1	0.3%	6.2%	53.9	54.0	0.0	0.3%	6.2%	57.7	58.4	0.7	1.3%	6.2%	61.8	62.1	0.2	0.5%
7.4%	48.7	48.9	0.1	0.3%	7.4%	53.5	53.5	0.1	0.1%	7.4%	57.5	58.3	0.9	1.5%	7.4%	61.6	62.1	0.4	0.7%
8.6%	48.6	48.9	0.2	0.5%	8.6%	53.2	53.4	0.1	0.4%	8.6%	57.3	58.3	1.0	1.8%	8.6%	61.6	61.8	0.4	0.4%
9.9%	48.6	48.6	-0.1	-0.1%	9.9%	53.0	53.0	0.0	0.0%	9.9%	57.3	58.2	0.9	1.6%	9.9%	61.5	61.7	0.1	0.2%
11.1%	48.5	48.5	-0.1	-0.1%	11.1%	52.8	53.0	0.2	0.4%	11.1%	57.3	58.2	0.9	1.6%	11.1%	61.4	61.7	0.2	0.4%
12.3%	48.2	48.3	0.1	0.2%	12.3%	52.7	52.9	0.2	0.3%	12.3%	57.1	58.1	0.9	1.6%	12.3%	61.4	61.6	0.2	0.3%
13.6%	48.1	48.3	0.2	0.3%	13.6%	52.7	52.7	0.0	0.1%	13.6%	57.1	57.9	0.8	1.4%	13.6%	61.4	61.5	0.1	0.1%
14.8%	48.1	48.1	0.1	0.1%	14.8%	52.6	52.7	0.1	0.3%	14.8%	57.1	57.6	0.6	1.0%	14.8%	61.3	61.5	0.2	0.2%
16.0%	47.9	48.0	0.1	0.2%	16.0%	52.5	52.6	0.1	0.2%	16.0%	57.0	57.6	0.6	1.0%	16.0%	61.3	61.4	0.2	0.3%
17.3%	47.9	47.9	0.0	0.0%	17.3%	52.5	52.6	0.1	0.2%	17.3%	57.0	57.4	0.4	0.7%	17.3%	61.1	61.4	0.2	0.4%
18.5%	47.8	47.8	0.0	0.0%	18.5%	52.4	52.6	0.1	0.3%	18.5%	56.9	57.4	0.5	0.9%	18.5%	61.0	61.2	0.2	0.3%
19.8%	47.7	47.8	0.1	0.1%	19.8%	52.4	52.5	0.1	0.2%	19.8%	56.5	57.2	0.6	1.1%	19.8%	61.0	61.1	0.1	0.2%
21.0%	47.7	47.7	0.0	0.0%	21.0%	52.4	52.5	0.1	0.2%	21.0%	56.5	57.1	0.6	1.1%	21.0%	61.0	61.1	0.1	0.2%
22.2%	47.7	47.7	0.0	0.0%	22.2%	52.4	52.4	0.1	0.1%	22.2%	56.5	57.1	0.6	1.1%	22.2%	60.6	61.1	0.5	0.8%
23.5%	47.7	47.6	-0.1	-0.3%	23.5%	52.3	52.4	0.1	0.1%	23.5%	56.5	57.1	0.6	1.0%	23.5%	60.5	61.0	0.5	0.8%
24.7%	47.6	47.6	-0.1	-0.1%	24.7%	52.1	52.2	0.1	0.2%	24.7%	56.4	57.0	0.6	1.1%	24.7%	60.5	60.8	0.3	0.6%
25.9%	47.5	47.5	-0.1	-0.1%	25.9%	52.1	52.2	0.1	0.2%	25.9%	56.4	57.0	0.6	1.1%	25.9%	60.3	60.7	0.4	0.6%
27.2%	47.4	47.4	0.0	0.0%	27.2%	51.9	52.0	0.1	0.3%	27.2%	56.4	57.0	0.7	1.2%	27.2%	60.2	60.4	0.2	0.3%
28.4%	47.4	47.4	0.0	-0.1%	28.4%	51.8	52.0	0.2	0.3%	28.4%	56.3	56.8	0.4	0.8%	28.4%	60.1	60.3	0.2	0.3%
29.6%	47.4	47.4	0.0	0.0%	29.6%	51.8	52.0	0.2	0.3%	29.6%	56.3	56.7	0.5	0.8%	29.6%	60.1	60.3	0.2	0.3%
30.9%	47.3	47.3	0.0	0.1%	30.9%	51.7	51.9	0.2	0.4%	30.9%	56.2	56.7	0.5	0.8%	30.9%	60.1	60.2	0.1	0.2%
32.1%	47.3	47.3	0.0	0.1%	32.1%	51.6	51.8	0.1	0.3%	32.1%	56.2	56.6	0.3	0.6%	32.1%	60.1	60.2	0.1	0.2%
33.3%	47.2	47.3	0.0	0.1%	33.3%	51.4	51.6	0.2	0.3%	33.3%	56.2	56.5	0.3	0.6%	33.3%	60.1	60.1	0.0	0.1%
34.6%	47.2	47.3	0.0	0.0%	34.6%	51.4	51.6	0.2	0.3%	34.6%	56.2	56.5	0.4	0.7%	34.6%	60.1	60.1	0.0	0.0%
35.8%	47.2	47.2	0.0	-0.1%	35.8%	51.4	51.5	0.1	0.2%	35.8%	56.1	56.5	0.4	0.7%	35.8%	59.9	60.1	0.2	0.3%
37.0%	47.2	47.2	0.0	0.0%	37.0%	51.3	51.4	0.1	0.2%	37.0%	56.1	56.5	0.4	0.7%	37.0%	59.8	60.0	0.2	0.4%
38.3%	47.2	47.2	0.0	0.0%	38.3%	51.2	51.4	0.2	0.4%	38.3%	56.0	56.5	0.5	0.8%	38.3%	59.7	60.0	0.2	0.4%
39.5%	47.2	47.2	0.0	0.0%	39.5%	51.2	51.4	0.1	0.3%	39.5%	56.0	56.4	0.5	0.8%	39.5%	59.7	59.9	0.2	0.4%
40.7%	47.1	47.2	0.0	0.0%	40.7%	51.1	51.3	0.2	0.3%	40.7%	55.9	56.3	0.4	0.7%	40.7%	59.7	59.9	0.2	0.3%
42.0%	47.1 47.0	47.1	0.0	0.1% 0.2%	42.0%	51.1 51.1	51.3 51.3	0.1 0.2	0.3%	42.0%	55.8 55.8	56.2	0.4	0.6%	42.0%	59.5 59.5	59.8 59.8	0.3 0.4	0.5%
43.2%		47.1	0.1		43.2%				0.3%	43.2%		56.2	0.4		43.2%				0.6%
44.4% 45.7%	47.0 46.9	47.0 46.9	0.0	0.1% -0.1%	44.4% 45.7%	51.1 51.0	51.2 51.2	0.2	0.3%	44.4% 45.7%	55.7 55.7	56.2 56.1	0.5 0.4	0.9%	44.4% 45.7%	59.4 59.4	59.8 59.7	0.4	0.7%
46.9%	46.9	46.9	0.0	-0.1%	46.9%	51.0	51.2	0.2	0.4%	46.9%	55.7	56.1	0.4	0.7%	46.9%	59.4 59.4	59.7	0.4	0.5%
48.1%	46.8	46.9	0.0	0.3%	48.1%	50.9	51.1	0.1	0.4%	48.1%	55.6	55.9	0.4	0.6%	48.1%	59.3	59.6	0.3	0.5%
49.4%	46.7	46.7	0.0	0.0%	49.4%	50.9	51.1	0.2	0.3%	49.4%	55.6	55.9	0.3	0.6%	49.4%	59.3	59.6	0.3	0.5%
50.6%	46.7	46.7	0.0	0.1%	50.6%	50.8	51.0	0.2	0.4%	50.6%	55.5	55.9	0.4	0.7%	50.6%	59.3	59.6	0.3	0.5%
51.9%	46.7	46.7	0.1	0.1%	51.9%	50.6	51.0	0.3	0.7%	51.9%	55.4	55.8	0.4	0.7%	51.9%	59.3	59.6	0.3	0.5%
53.1%	46.7	46.6	-0.1	-0.1%	53.1%	50.6	50.8	0.2	0.3%	53.1%	55.4	55.8	0.4	0.7%	53.1%	59.2	59.5	0.3	0.6%
54.3%	46.6	46.6	0.0	-0.1%	54.3%	50.6	50.8	0.2	0.3%	54.3%	55.4	55.7	0.4	0.6%	54.3%	59.2	59.5	0.3	0.6%
55.6%	46.6	46.6	0.0	-0.1%	55.6%	50.5	50.7	0.2	0.4%	55.6%	55.4	55.7	0.3	0.6%	55.6%	59.2	59.5	0.3	0.5%
56.8%	46.5	46.5	0.0	0.1%	56.8%	50.5	50.6	0.1	0.2%	56.8%	55.3	55.7	0.3	0.6%	56.8%	59.2	59.4	0.3	0.4%
58.0%	46.5	46.5	0.1	0.1%	58.0%	50.5	50.6	0.1	0.2%	58.0%	55.0	55.6	0.6	1.1%	58.0%	59.2	59.4	0.3	0.4%
59.3%	46.4	46.5	0.1	0.1%	59.3%	50.5	50.6	0.1	0.1%	59.3%	55.0	55.6	0.6	1.1%	59.3%	59.1	59.4	0.3	0.5%
60.5%	46.4	46.5	0.1	0.1%	60.5%	50.3	50.3	0.0	0.1%	60.5%	54.9	55.6	0.6	1.2%	60.5%	59.1	59.4	0.3	0.5%
61.7%	46.4	46.5	0.1	0.2%	61.7%	50.3	50.3	0.0	0.0%	61.7%	54.9	55.5	0.6	1.1%	61.7%	59.1	59.4	0.3	0.5%
63.0%	46.4	46.4	0.1	0.2%	63.0%	50.2	50.2	0.0	0.1%	63.0%	54.8	55.3	0.6	1.0%	63.0%	59.0	59.3	0.3	0.5%
64.2%	46.3	46.4	0.1	0.1%	64.2%	50.2	50.2	0.0	0.0%	64.2%	54.7	55.3	0.6	1.1%	64.2%	59.0	59.3	0.3	0.5%
65.4%	46.3	46.4	0.0	0.1%	65.4%	50.1	50.1	0.0	0.1%	65.4%	54.6	55.0	0.4	0.7%	65.4%	58.9	59.3	0.4	0.6%
66.7%	46.3	46.3	0.0	0.1%	66.7%	50.1	50.1	0.0	0.1%	66.7%	54.6	55.0	0.4	0.7%	66.7%	58.9	59.3	0.4	0.7%
67.9%	46.3	46.3	0.0	0.1%	67.9%	50.0	50.1	0.1	0.1%	67.9%	54.5	54.9	0.4	0.7%	67.9%	58.7	59.3	0.6	1.0%
69.1%	46.2	46.3	0.1	0.2%	69.1%	49.8	50.0	0.2	0.5%	69.1%	54.5	54.9	0.4	0.7%	69.1%	58.7	59.1	0.5	0.8%
70.4%	46.2	46.3	0.1	0.1%	70.4%	49.8	49.9	0.1	0.2%	70.4%	54.2	54.6	0.4	0.8%	70.4%	58.6	59.1	0.5	0.8%
71.6%	46.1	46.2	0.1	0.1%	71.6%	49.7	49.9	0.1	0.3%	71.6%	54.2	54.6	0.4	0.7%	71.6%	58.6	59.0	0.4	0.8%
72.8%	46.1	46.1	0.0	-0.1%	72.8%	49.7	49.8	0.2	0.3%	72.8%	54.1	54.5	0.4	0.8%	72.8%	58.5	59.0	0.5	0.8%
74.1%	45.9	45.9	0.0	0.0%	74.1%	49.5	49.8	0.3	0.6%	74.1%	53.8	54.4	0.5	1.0%	74.1%	58.5	58.9	0.3	0.6%
75.3%	45.8	45.9	0.1	0.1%	75.3%	49.5	49.7	0.2	0.4%	75.3%	53.8	54.3	0.5	0.9%	75.3%	58.5	58.7	0.2	0.4%
76.5%	45.7	45.8	0.0	0.1%	76.5%	49.4	49.5	0.1	0.2%	76.5%	53.7	54.1	0.4	0.7%	76.5%	58.5	58.6	0.2	0.3%
77.8%	45.7	45.7	0.0	0.1%	77.8%	49.4 49.1	49.5	0.1	0.1%	77.8%	53.6	53.9	0.3	0.5%	77.8%	58.4 58.3	58.6 58.6	0.2	0.3%
79.0%	45.7	45.7	0.0	0.0%	79.0%		49.2	0.1	0.3%	79.0%	53.6	53.8	0.2	0.4%	79.0%			0.3	0.5%
80.2%	45.6 45.5	45.6	0.0	0.1%	80.2%	49.0 48.8	49.1 48.9	0.2	0.3%	80.2% 81.5%	53.5 53.4	53.7 53.6	0.1	0.3%	80.2%	58.3 58.2	58.5 58.4	0.2	0.4%
81.5%		45.6 45.5		0.2%	81.5% 82.7%		48.9 48.9		0.2%	81.5%			0.2	0.4%	81.5% 82.7%		58.4 58.4	0.2	0.4%
82.7% 84.0%	45.5 45.4	45.5 45.4	0.0	0.1%	82.7%	48.8 48.7	48.9	0.1	0.2%	82.7%	53.3 53.3	53.6 53.5	0.3	0.5%	82.7% 84.0%	58.2 58.2	58.4	0.2	0.4%
84.0% 85.2%	45.4 45.3	45.4 45.3	0.0	0.0%	84.0% 85.2%	48.7	48.9 48.8	0.2	0.3%	84.0% 85.2%	53.0	53.5	0.3	1.0%	84.0% 85.2%	58.2 58.1	58.4 58.3	0.2	0.4%
86.4%	45.3 45.2	45.3 45.2	0.0	0.0%	86.4%	48.6	48.7	0.1	0.3%	86.4%	52.9	53.3	0.5	0.7%	86.4%	58.0	58.3	0.2	0.5%
87.7%	45.2 45.2	45.2 45.1	0.0	-0.1%	87.7%	48.6	48.7	0.1	0.2%	87.7%	52.9	53.1	0.4	0.4%	87.7%	58.0	58.2	0.3	0.3%
88.9%	45.2 45.1	45.1	0.0	0.1%	88.9%	48.5	48.6	0.1	0.2%	88.9%	52.8	53.0	0.2	0.4%	88.9%	57.9	58.1	0.2	0.5%
90.1%	45.0	45.1	0.0	0.1%	90.1%	48.4	48.4	0.0	0.0%	90.1%	52.8	53.0	0.1	0.3%	90.1%	57.9 57.7	57.9	0.3	0.3%
91.4%	44.9	45.0	0.0	0.1%	91.4%	48.2	48.3	0.0	0.3%	91.4%	52.7	52.9	0.2	0.3%	91.4%	57.1	57.8	0.2	1.2%
92.6%	44.9	44.9	0.1	0.1%	92.6%	48.2	48.3	0.1	0.3%	92.6%	52.5	52.8	0.2	0.5%	92.6%	57.1	57.0	0.0	-0.1%
93.8%	44.9	44.9	0.0	0.1%	93.8%	48.1	48.1	0.0	0.1%	93.8%	52.5	52.5	0.0	0.0%	93.8%	56.9	57.0	0.0	0.1%
95.1%	44.7	44.8	0.0	0.1%	95.1%	48.0	48.0	0.0	0.0%	95.1%	52.4	52.5	0.1	0.2%	95.1%	56.9	56.9	0.0	0.1%
96.3%	44.7	44.7	0.0	0.0%	96.3%	47.8	47.9	0.0	0.1%	96.3%	52.3	52.5	0.2	0.4%	96.3%	56.7	56.9	0.2	0.3%
97.5%	44.6	44.7	0.0	0.1%	97.5%	47.5	47.6	0.1	0.2%	97.5%	51.5	51.5	0.0	0.0%	97.5%	56.4	56.5	0.1	0.2%
98.8%	44.3	44.3	0.0	0.1%	98.8%	47.5	47.5	0.0	0.0%	98.8%	50.5	50.5	0.0	-0.1%	98.8%	56.2	56.2	0.0	0.0%
100.0%	43.7	43.7	0.0	0.0%	100.0%	47.1	47.1	0.0	0.0%	100.0%	49.2	49.2	0.0	0.0%	100.0%	54.2	54.1	0.0	-0.1%

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

August

September

	Percent		June			Percent		July			Percent		August			Percent		September		
March Marc		No Action Alternative	Alternative B	Absolute	Relative		No Action Alternative	Alternative B	Absolute	Relative		No Action Alternative	Alternative B	Absolute	Relative		No Action Alternative	Alternative B	Absolute	Relative
No.		Monthly Temperature	Monthly Temperature				Monthly Temperature	Monthly Temperature				Monthly Temperature	Monthly Temperature				Monthly Temperature	Monthly Temperature		
Column C				(DEG-F)	Difference (70)				(DEG-F)	Difference (10)				(DEG-F)	Difference (10)				(DEG-F)	Difference (70)
Second Column	0.0%			0.1	0.1%	0.0%			-0.6	-0.9%	0.0%			-0.6	-n 9%	0.0%			-0.1	-0.2%
20	1.2%				-0.1%										-3.9%	1.2%			-0.5	-0.7%
14																				
Color	3.7%			-0.4		3.7%			-0.4		3.7%		65.2	-2.0	-3.0%	3.7%		65.7	-1.2	-1.7%
Second																				-1.7%
Top																				1.770
Section Column																			-1.2	
10										0.0%									-0.9	
1.5	8.6%			0.5						-0.1%	8.6%								-0.6	-0.9%
15																				
Section Sect				0.1		11.1%			0.0		11.1%						64.4	64.4	0.0	-0.1%
Table Col.																				
400			61.7	-0.3		13.6%					13.6%					13.6%	64.2	63.4	-0.8	-1.3%
175		62.0	61.7	-0.3	-0.4%		63.6	63.4	-0.2	-0.4%	14.8%	64.0	63.7			14.8%				-1.1%
175	16.0%	61.8	61.7	-0.1	-0.1%	16.0%	63.4	63.4	0.0	0.0%	16.0%	63.9	63.6	-0.3	-0.4%	16.0%	64.0	63.3	-0.7	-1.0%
150	17.3%	61.7	61.6	-0.1		17.3%	63.3	63.2	-0.1	-0.2%	17.3%	63.8	63.6	-0.2	-0.3%	17.3%	63.3	63.3	0.0	0.0%
19.0				-0.1	-0.1%	18.5%					18.5%					18.5%			-0.2	
2.00				0.0						-0.2%	19.8%			-0.3		19.8%			-0.2	-0.3%
22.5				0.0															-0.1	-0.2%
2.50 01.4 01.5 0.5																				
1.0 1.0																			0.2	
200 101																				
Property	24.7%		01.2	-0.1		24.7%					24.7%			-0.1	-0.1%	24.7%			-0.2	
28.00																				
200.00 101 0.10 0.11 0.25 0.26	27.2%					27.2%				-0.2%	27.2%			-0.1		27.2%				-0.6%
Section Sect																				
22 Th				-0.1																
1.53	30.9%			-0.1		30.9%					30.9%			0.1	0.2%	30.9%			-0.4	
340	32.1%	61.1	60.9	-0.2	-0.3%	32.1%	62.4	62.4	0.0		32.1%	62.6	62.6	0.1	0.1%	32.1%		61.9	-0.4	
340	33.3%			-0.1		33.3%					33.3%					33.3%				-0.8%
1.50 1.50	34.6%			-0.1		34.6%					34.6%					34.6%			-0.4	-0.6%
10																				
93.7% 61.0 60.3 60.1 6.7% 73.0 73.0 74.0 75.0 75.0 75.0 75.0 75.0 75.0 75.0 75	37.0%			-0.1							37.0%					37.0%			-0.4	-0.6%
2001 2001																				
407% 008 008 000 00% 407% 613 618 020 00% 407% 622 023 0.0 10% 40.7% 624 023 0.1 10% 40.7% 624 0.2 10.0 10% 40.7% 624 0.2 10.0 10% 40.7% 624 0.2 10.0 10% 40.7% 624 0.2 10.0 10% 40.7% 624 0.2 10.0 10% 40.7% 624 0.2 10.0 10% 40.7% 624 0.2 10.0 10.0 10% 40.7% 624 0.2 10.0 10.0 10.0 10.0 10.0 10.0 10.0	30.5%		60.0	0.1		30.5%		62.1	0.2		30.5%		62.4		-0.1%	30.5%		61.6	-0.4	
40% 607 607 608 01 01% 61% 420% 618 619 011 01% 622 623 011 02% 420% 617 613 021 035 044 44% 607 607 011 01% 420% 622 623 011 02% 420% 615 613 022 03% 444% 602 607 607 011 01% 444% 602 607 607 011 01% 444% 602 607 607 011 01% 444% 602 607 607 011 01% 444% 602 607 607 011 01% 444% 602 607 607 011 01% 444% 602 607 607 011 01% 444% 602 607 607 607 607 607 607 607 607 607 607																			0.4	
4.27% 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7	40.7%		00.0	0.0		40.7%					40.7%			-0.1		40.7%	01.0	01.4	-0.4	
44-96 07 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	42.0%			0.1					0.1					-0.1	-0.2%				-0.3	-0.5%
4.5% 626 607 0.1 0.1% 42.7% 616 61.8 0.2 0.3% 40.9% 61.5 0.1 0.21 0.25 0.3% 40.9% 61.5 0.1 0.1 0.1% 40.9% 61.5 0.1 0.21 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25																				-0.4%
469% 626 607 01 0.1% 449% 615 617 0.2 0.3% 449% 615 617 0.2 0.3% 449% 615 61.1 0.4 0.4 0.9% 44.1% 618 62.1 0.2 0.3% 44.1% 618 61.3 0.2 0.3% 44.1% 618 62.1 0.2 0.3% 44.1% 618 61.3 0.2 0.3% 44.1% 618 61.3 0.2 0.3% 44.1% 61.3 0.2 0.3% 44.1% 61.3 0.2 0.3% 44.1% 61.3 0.2 0.3% 44.1% 61.3 0.2 0.3% 44.1% 61.3 0.2 0.3% 44.1% 61.3 0.2 0.3% 44.1% 61.3 0.2 0.3% 44.1% 61.3 0.2 0.3% 44.1% 61.3 0.2 0.3% 44.1% 61.3 0.2 0.3% 44.1% 61.3 0.2 0.3% 44.1% 61.3 0.2 0.3% 44.1% 61.3 0.2 0.3% 44.1% 61.3 0.2 0.3% 44.1% 61.3 0.2 0.3% 44.1% 61.3 0.2 0.3% 44.1% 61.3 0.2 0.3% 44.1% 61.3 0.2 0.3% 44.1% 61.3 0.2 0.3 0.3% 44.1% 61.3 0.2 0.3 0.3% 44.1% 61.3 0.2 0.3 0.3% 44.1% 61.3 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3										0.3%	44.4%								-0.2	-0.3%
44.1% 60.6 60.6 0.1 0.1% 44.1% 61.3 61.6 0.3 0.4% 44.1% 61.9 62.1 0.2 0.3% 48.1% 61.4 61.1 0.3 0.3 0.4% 62.6 0.5 0.5 0.6 0.1 0.1% 62.6 0.5 0.5 0.6 0.1 0.1% 62.6 0.2 0.2% 62.6 0.2 0.3% 62.6 0.2 0.3% 62.6 0.2 0.3% 62.6 0.3 0.2 0.2% 62.6 0.3 0.2 0.2% 62.6 0.3 0.2 0.2% 62.6 0.3 0.2 0.2% 62.6 0.3 0.2 0.2% 62.6 0.3 0.2 0.2% 62.6 0.3 0.2 0.2% 62.6 0.3 0.2 0.2 0.2% 62.6 0.3 0.2 0.2 0.2% 62.6 0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2																				
49-6 60.5 60.6 61 61 61 62 62 63 63 64 61 61 62 63 64 61 61 62 63 63 63 63 63 63 63	46.9%					46.9%					46.9%		62.1			46.9%	61.5	61.1	-0.4	-0.6%
59.9% 60.5 60.6 0.1 0.1% 50.9% 61.3 61.4 0.1 0.1% 50.9% 61.9 62.0 0.1 0.1% 50.9% 61.4 61.0 -0.3 -0.2% 62.5 0.1 0.1% 50.9% 61.5 0.1																				
\$19% \$0.5 \$0.0 \$0.1 \$0.1% \$1.9% \$1.3 \$1.3 \$0.0 \$0.0% \$1.9% \$1.9 \$0.0 \$0.1 \$0.1% \$1.9% \$1.9 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0		60.5	60.6	0.1	0.2%		61.3	61.4	0.1	0.2%		61.9	62.1	0.2	0.3%		61.4	61.0	-0.4	-0.6%
\$3.1% \$0.2 \$0.6 \$0.4 \$0.0% \$3.1% \$1.2 \$1.2 \$0.0 \$0.0% \$3.1% \$1.8 \$1.9 \$0.1 \$0.2% \$3.1% \$1.0 \$0.1 \$0.0 \$0.0% \$3.1% \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0	50.6%	60.5	60.6	0.1	0.1%	50.6%	61.3	61.4	0.1	0.1%	50.6%	61.9	62.0	0.1		50.6%	61.4	61.0	-0.3	-0.5%
\$3.1% \$0.2 \$0.0 \$0.4 \$0.0% \$3.1% \$1.2 \$1.2 \$0.0 \$0.0% \$3.1% \$1.8 \$1.9 \$0.1 \$0.2% \$3.1% \$1.0 \$0.1 \$0.0 \$0.0% \$3.1% \$1.0 \$1.0 \$0.0 \$0.0% \$3.1% \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0	51.9%	60.5	60.6	0.1	0.1%	51.9%	61.3	61.3	0.0	0.0%	51.9%	61.9	62.0	0.1	0.1%	51.9%	61.2	61.0	-0.2	-0.3%
54.9%	53.1%	60.2	60.6	0.4	0.6%		61.2	61.2	0.0			61.8	61.9		0.2%	53.1%	61.0	61.0	0.0	
55.69 60.2 60.4 0.3 0.49 55.69 61.2 61.2 61.1 0.0 0.0 19 55.69 61.8 61.9 0.1 0.29 55.69 60.8 60.9 0.1 0.29 55.69 61.8 6	54.3%	60.2	60.5	0.3	0.5%	54.3%			-0.1	-0.1%	54.3%		61.9	0.1	0.2%	54.3%	60.9	61.0	0.1	0.1%
56.9% 60.2 60.4 0.2 0.4% 56.8% 61.1 61.1 0.0 0.0% 56.9% 61.8 61.8 01.1 0.1% 56.8% 60.7 60.9 0.2 0.4% 56.8% 61.8 61.8 61.8 01.1 0.1% 56.8% 60.7 60.9 0.2 0.4% 56.8% 61.8 61.8 61.8 01.1 0.1% 56.8% 60.7 60.9 0.2 0.3% 60.9% 60.0 60.3 0.3 0.5% 61.1 61.1 61.1 0.0 0.0% 60.9% 61.7 61.8 61.8 01.1 0.2% 60.0 60.3 0.3 0.5% 60.8 61.1 61.1 61.1 0.0 0.0% 61.7 61.8 01.1 0.2% 60.6 60.7 0.2 0.3% 60.8% 60.8 60.8 60.8 00.2 0.3% 60.8 61.1 61.1 61.1 0.0 0.0 0.0% 61.7 61.8 01.1 0.2% 60.6 60.7 0.2 0.3% 60.8 61.2 61.2 61.2 61.2 61.2 61.2 61.2 61.2							61.2	61.2				61.8								
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98.8% 58.1 58.1 0.0 -0.1% 98.8% 59.1 59.1 0.0 0.0% 98.8% 59.6 59.8 0.2 0.4% 98.8% 57.0 56.9 -0.1 -0.1%						96.3%					96.3%								-0.4	
100.0% 57.6 58.0 0.5 0.8% 100.0% 58.8 58.6 0.3 0.5% 100.0% 59.6 59.8 0.2 0.3% 100.0% 56.8 56.8 0.0 0.1%																				
	100.0%	57.6	58.0	0.5	0.8%	100.0%	58.8	58.6	-0.3	-0.5%	100.0%	59.6	59.8	0.2	0.3%	100.0%	56.8	56.8	0.0	-0.1%

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

		Lulig			Mon	thly Temp	erature (DI	FG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Mav	Jun	Jul	Aua	Sep
, , , , , , , , , , , , , , , , , , , ,					ng-term			,				
Full Simulation Period ¹					.,							
No Action Alternative	57.3	51.0	45.3	44.4	47.0	51.4	56.7	61.9	64.0	65.5	65.7	63.4
Alternative B	57.2	50.9	45.4	44.5	47.1	51.6	57.3	62.2	64.0	65.3	65.7	63.2
Difference	-0.1	-0.1	0.1	0.1	0.0	0.2	0.5	0.3	0.0	-0.2	0.0	-0.1
Percent Difference ³	-0.2%	-0.2%	0.1%	0.2%	0.1%	0.4%	0.9%	0.6%	0.0%	-0.3%	-0.1%	-0.29
					ear Types							
Wet (32%)												
No Action Alternative	56.6	51.3	45.4	44.7	46.6	50.2	54.8	61.0	63.8	65.9	65.4	60.9
Alternative B	56.6	51.2	45.5	44.7	46.6	50.3	55.0	61.1	63.5	65.7	65.7	61.0
Difference	-0.1	-0.1	0.1	0.0	0.0	0.2	0.2	0.1	-0.3	-0.2	0.3	0.0
Percent Difference	-0.1%	-0.2%	0.3%	0.1%	0.1%	0.3%	0.4%	0.2%	-0.4%	-0.3%	0.4%	0.1%
Above Normal (15%)	3											
No Action Alternative	56.8	50.6	45.7	44.8	46.9	51.3	56.8	62.7	64.0	64.7	65.5	62.8
Alternative B	56.8	50.6	45.9	44.8	47.0	51.6	57.2	62.8	64.0	64.4	65.6	63.0
Difference	0.0	0.0	0.1	0.1	0.1	0.2	0.4	0.1	0.0	-0.3	0.1	0.2
Percent Difference	0.0%	0.0%	0.3%	0.2%	0.1%	0.5%	0.8%	0.2%	0.1%	-0.4%	0.1%	0.3%
Below Normal (17%)												
No Action Alternative	56.6	50.7	45.5	44.2	46.5	51.5	57.6	62.3	63.7	65.0	65.2	64.1
Alternative B	56.4	50.6	45.5	44.3	46.6	51.8	58.2	62.8	63.8	64.9	65.3	63.7
Difference	-0.2	0.0	0.0	0.1	0.0	0.3	0.7	0.5	0.1	-0.1	0.1	-0.4
Percent Difference	-0.4%	0.0%	0.0%	0.2%	0.1%	0.6%	1.2%	0.8%	0.1%	-0.2%	0.1%	-0.69
Dry (22%)												
No Action Alternative	57.6	51.2	45.3	44.1	47.3	52.2	58.1	62.0	64.2	64.9	65.4	64.7
Alternative B	57.5	51.0	45.3	44.3	47.3	52.5	58.9	62.5	64.5	64.8	65.3	64.5
Difference	-0.1	-0.1	0.0	0.2	0.0	0.2	0.7	0.4	0.3	-0.1	-0.1	-0.3
Percent Difference	-0.1%	-0.3%	-0.1%	0.5%	0.1%	0.4%	1.3%	0.7%	0.4%	-0.2%	-0.1%	-0.49
Critical (15%)												
No Action Alternative	59.6	50.7	44.7	44.3	48.2	53.1	57.8	62.3	64.3	66.8	67.8	66.2
Alternative B	59.2	50.5	44.7	44.4	48.3	53.2	58.6	63.1	64.4	66.6	66.9	65.8
Difference	-0.4	-0.2	0.0	0.1	0.1	0.2	0.8	0.8	0.1	-0.1	-0.9	-0.4
Percent Difference	-0.6%	-0.4%	0.0%	0.3%	0.1%	0.3%	1.4%	1.3%	0.1%	-0.2%	-1.3%	-0.79

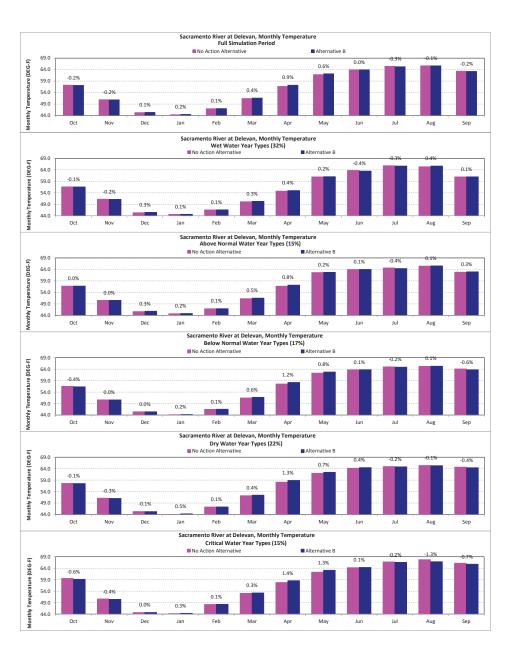


Figure SQ-09-5b Sacramento River at Delevan, Monthly Temperature Probability of Exceedance

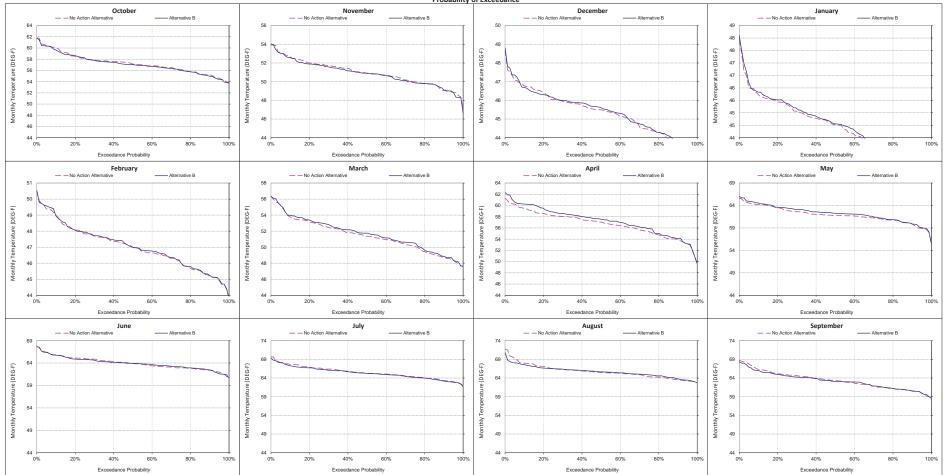


Table SQ-09-5b Sacramento River at Delevan, Monthly Temperature Probability of Exceedar

Decembe

Novembe

Octobe

January Percent Percent Percent Percent No Action Alternative Alternative B Absolute Relative Relative Relative Relative Exceedance Exceedance Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG.E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) 0.0% 61.8 61.8 0.0 0.0% 53.9 0.2% 0.0% 48.7 48.8 0.3% 48.1 0.4% 1.2% 61.8 61.4 -0.3 -0.5% 1.2% 53.9 54.0 0.1 0.2% 1.2% 47.6 47.8 0.2 0.4% 1.2% 47.4 47.5 0.1 0.2% 2.5% 60.7 60.4 -0.5% 2.5% 53.9 53.4 -0.8% 2.5% 47.5 47.7 0.4% 2.5% 46.7 47.0 0.6% 3.7% 3.7% 60.7 60.4 -0.3 -0.4% 3.7% 53.2 53.2 0.0 0.0% 3.7% 47.3 47.4 0.0 0.1% 46.5 46.7 0.1 0.3% 4.9% 60.5 60.3 -0.1 -0.2% 4.9% 53.1 53.0 -0.1 -0.2% 4.9% 47.1 47.4 0.3 0.6% 4.9% 46.0 46.2 0.2 0.5% 6.2% 6.2% 6.2% 6.2% 60.3 60.3 0.0 0.0% 53.0 53.0 0.0 0.0% 47.1 47.2 0.2 0.4% 46.0 46.0 0.0 0.0% 7.4% 60.3 -0.3 0.2% -0.5% 7.4% 52.8 -0.2% 7.4% 46.9 -0.2 0.1% 7.4% 46.0 45.9 -0.1 0.1 8.6% 8.6% 8.6% 8.6 · . 9.9% 11.1% 12.3% 8.6% 60.2 59.8 52.8 52.6 -0.2 -0.3% 46.9 46.7 -0.4% 45.8 45.9 0.1% 9.9% -0.7% -0.2% -0.2% 0.2% 11.1% 12.3% 59.9 59.4 -0.5 -0.8% 11.1% 52.5 52.5 0.0 -0.1% 11.1% 46.7 46.7 -0.1 -0.2% 45.6 45.8 0.2 0.4% 13.6% 13.6% 13.6% -0.5% 0.2% 59.3 59.0 -0 3 -0.6% 52.4 52 1 -0 3 46.7 46.5 -0.2 -0.5% 45.6 45.7 0.1 -0.5% 16.0% 16.0% 16.0% 16.0% 59.1 58.9 -0.3 -0.5% 52.3 52.0 -0.2 -0.5% 46.5 46.4 -0.1 -0.3% 45.6 45.6 0.0 0.0% 18.5% 0.3% 18.5% 51.9 -0.3% 18.5% 18.5% 0.1% 58.6 58.7 0.1 52.1 -0.2 46.5 46.3 -0.2 -0.4% 45.5 45.5 0.0 19.8% 21.0% 58.6 58.3 58.7 58.5 0.1 0.2% 51.9 51.9 -0.1 -0.1 19.8% -0.1 -0.1 19.8% 21.0% 0.1 21.0% 52.0 -0.2% 46.4 46.3 -0.2% 45.4 45.5 0.2% 22.2% 23.5% 0.1 0.3% 22.2% 23.5% -0.2% 22.2% 23.5% 22.2% 23.5% 45.5 0.1 51.8 58.2 0.1 58.4 0.3% 51.9 -0.1 -0.2% 46.1 46.2 0.3% 45.4 45.4 0.0% 24.7% 25.9% 0.3% 24.7% 25.9% 24.7% 25.9% 24.7% 25.9% 45.4 45.4 58.1 58.3 58.0 0.2 51.8 51.7 0.0 -0.1 -0.1% 46.0 46.2 45.3 0.0 58.0 51.8 46.1 0.0 0.1% 45.3 0.1% -0.2% 46.0 27.2% 28.4% -0.1% 27.2% 28.4% 58.0 27.2% 51.7 -0.2% 27.2% 46 N 45.2 45.3 0.1 57.9 0.0 28.4% 51.7 51.6 -0.1 -0.3% 28.4% 0.0 0.0% 0.3% 46.0 46.0 45.1 45.2 29.6% 30.9% -0.2% -0.3% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 57.9 57.8 51.6 51.5 -0.3% -0.3% 0.1% 45.2 45.1 0.3% -0.2 45.9 45.0 32.1% 57.8 -0.1 -0.2% 32.1% 51.6 51.5 -0.2 -0.4% 32.1% 45.9 46.0 0.2% 32.1% 45.0 45.1 0.1 0.2% 33.3% 57.7 -0.1 -0.2% 33.3% 51.4 -0.2 -0.3% 33.3% 45.9 0.1 0.1% 33.3% 45.0 0.1 0.1% 34.6% 57.7 -0.2 -0.3% 34.6% 51.5 51.4 -0.1 -0.2% 34.6% 45.9 45.9 0.1% 34.6% 44.9 45.0 0.1 0.3% 35.8% 57.7 -0.3% 35.8% 51.3 -0.2 35.8% 35.8% -0.3% 0.1% 44.9 0.2% 37.0% -0.1 -0.2% 37.0% 51.5 51.3 -0.1-0.3% 37.0% 45.8 45.9 0.2% 37.0% 44.8 44.9 0.1 0.2% 38.3% 57.6 57.5 -0.2% 38.3% 51.3 38.3% 38.3% 44.9 45.9 0.1% 44.8 0.2% 39.5% 57.6 57.5 -0.1 -0.2% 39.5% 51.4 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53.1% 53.1% 53.1% 57.0 56.9 -0.1 0.0 50.9 50.8 -0.1% 45.4 45.5 44 5 445 55.6% 56.8% 55.6% 55.6% 55.6% 0.3% 57.0 56.8 -0.1 -0.2% 50.8 50.8 0.0 0.1% 45.4 45.4 0.1 0.1% 44.3 44.5 0.1 58.0% 58.0% -0.1% 58.0% 56.8 56.8 -0.1 -0.1% 50.7 50.7 0.0 45.3 45.3 0.1 0.1% 58.0% 44.2 44.4 0.2 0.4% 60.5% 60.5% 60.5% 56.8 56.7 -0.1 -0.2% 50.7 50.6 0.0 -0.1% 45.2 45.3 0.1 0.3% 60.5% 44.1 44.3 0.2 0.4% 61.7% -0.2% 61.7% 63.0% 63.0% 56.8 63.0% -0.1 0.1 63.0% 44.1 0.1 56.6 -0.2 -0.3% 50.6 50.5 -0.1% 45.1 45.1 0.2% 44.0 0.2% 64.2% 65.4% 56.6 56.5 -0.2% -0.2% 64.2% 65.4% 50.3 50.2 -0.5% -0.6% 64.2% 65.4% 0.0 -0.1% -0.4% 64.2% 65.4% 44.0 43.9 0.1 56.6 -0.1 -0.3 45.0 44.9 44.0 0.1% 50.5 66.7% 67.9% 56.5 56.5 -0.1% -0.2% 66.7% 67.9% 66.7% 67.9% 66.7% 67.9% 50.2 50.1 -0.4% 44 9 -0.1 -0.1 -0.2% 43.9 439 0.1 -0.2 44.8 -0.1 44.8 56.4 50.4 -0.5% -0.1% 43.9 43.8 -0.1% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% -0.2% 44.7 43.8 43.8 0.1 56.3 50.1 0.5% 43.8 56.5 -0.2 -0.3% 50.2 -0.1 -0.2% 44.5 44.7 0.2 43.7 0.4% 71.6% 56.3 56.3 -0.1% -0.1% 71.6% 50.0 -n 2 -0.3% 71.6% 44 5 0.2 0.5% 71.6% 43.6 43.8 0.2 0.4% 72.8% 56.3 56.2 -0.1 72.8% 50.0 50.0 -0.1 -0.1% 72.8% 44.5 44.6 0.1 0.3% 72.8% 43.5 43.7 0.1 0.3% 74.1% 75.3% -0.2% -0.4% 74.1% 75.3% 74.1% 49.9 -0.2% -0.3% 74.1% 44.5 0.1 0.2% 43.7 0.1 75.3% 75.3% 43.5 43.7 0.4% 76.5% 56.0 -0.2% 76.5% 49.9 49.8 -0.1% 76.5% 44.4 44.4 0.2% 76.5% 43.4 43.6 0.2 0.5% 77.8% -0.1% 77.8% -0.1% 77.8% 0.1% 77.8% 0.2 49.8 43.6 0.6% 79.0% 55.8 55.8 0.0 0.0% 79.0% 49.8 49.8 0.0 0.0% 79.0% 44.3 44.3 0.0 -0.1% 79.0% 43.3 43.6 0.3 0.6% 80.2% 55.7 0.0% 80.2% 49.8 80.2% 44.3 80.2% 43.5 0.1% 44.3 0.0 0.0% 43.3 0.6% 81.5% 55.7 55.7 -0.1% 81.5% 49.7 49.8 0.1% 81.5% 44.2 44.2 0.0 0.0% 81.5% 43.2 43.5 0.2 0.5% 82.7% 55.7 55.7 -0.1 -0.1% 82.7% 49.7 49.8 0.0% 82.7% 44.2 44.2 0.0 0.1% 82.7% 43.2 43.4 0.2 0.5% 84.0% 55.3 55.4 0.1 0.2% 84.0% 49.7 49.8 0.0 0.0% 84.0% 44.0 0.1 0.3% 84.0% 43.1 43.4 0.3 0.6% 85.2% 55.3 55.3 0.0 -0.1% 85.2% 49.7 49.7 0.0 0.1% 85.2% 44.0 44.1 0.1 0.3% 85.2% 43.1 43.2 0.1 0.3% 86.4% 55.3 55.2 -0.1% 86.4% 49.6 49.6 -0.1% 86.4% 43.8 44.0 0.4% 86.4% 43.1 43.2 0.1 0.3% 87.7% 55.2 55.1 -0.1 -0.2% 87.7% 49 3 494 0.1 0.3% 87.7% 43.8 43.9 0.1 0.2% 87.7% 43.1 43.2 0.1 0.2% 88.9% 55.2 55.1 -0.2 -0.3% 88.9% 49.1 49.3 0.2 0.5% 88.9% 43.7 43.9 0.2 0.5% 88.9% 43.0 43.0 0.0 0.0% 90.1% 55.2 54.9 -0.3 -0.5% 90.1% 49.1 49.1 0.0 0.1% 90.1% 43.6 43.8 0.3 0.6% 90.1% 42.8 42.9 0.1 0.3% 91.4% 54.9 54.7 -0.3% 91.4% 49.0 49.0 91.4% 43.5 43.8 91.4% 42.8 42.8 0.1 91.4% 92.6% 92.6% 54.8 -0.1 -0.2% 49.0 49.0 0.0 0.0% 43.5 43.7 0.2 0.5% 92.6% 42.7 427 0.0% 93.8% -0.3% 49.0 0.4% 93.8% 42.7 0.0 54.6 54.5 -0.293.8% 48.9 0.2% 93.8% 43.4 43.6 0.2 42.7 0.0% 95.1% 95.1% 95.1% 95.1% 54.6 54.4 -0.2 -0.4% 48.8 48.8 0.0 -0.1% 43.4 43.5 0.1 0.3% 42.7 42.7 0.0 0.0% 96.3% 54.4 0.0% 96.3% 48.8 48.3 -1.0% 96.3% 97.5% 43.4 43.5 0.2% 96.3% 97.5% 42.4 42.5 0.1 0.3% 97.5% 54.3 -0.7% 97.5% 0.3 0.4% 53.9 -0 4 48 5 483 -n 2 -0.4% 43.2 435 0.6% 42.2 423 -0.9% 98.8% 100.0% 100.0% 100.0% 100.0% 53.9 53.7 -0.3% 47.1 46.6 -0.5 -1.1% 41.6 41.7 0.1 0.3% 41.5 41.8 0.3 0.8%

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

April

March

February

Percent Percent Percent Percent No Action Alternative Alternative B Absolute Relative Relative Exceedance Relative Relative Exceedance Difference Difference Difference Difference Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) 0.0% 50.5 0.0 0.0% 0.0% 56.4 56.3 0.0% 61.3 62.3 1.6% 65.6 66.0 0.6% 1.2% 49.9 49.8 -0.1 -0.2% 1.2% 56.0 56.1 0.1 0.2% 1.2% 60.9 61.9 1.0 1.7% 1.2% 65.5 65.7 0.2 0.3% 2.5% 49.7 49.7 0.0% 2.5% 55.6 56.1 0.8% 2.5% 60.4 61.9 2.5% 2.5% 64.9 65.7 1.2% 3.7% 3.7% 49.6 49.6 0.0 0.0% 3.7% 55.6 55.5 0.0 0.0% 3.7% 60.3 61.1 0.8 1.2% 64.7 65.0 0.3 0.4% 4.9% 49.4 49.6 0.2 0.4% 4.9% 55.2 55.2 0.0 0.0% 4.9% 60.3 60.6 0.7% 4.9% 64.6 65.0 0.4 0.6% 6.2% 6.2% 6.2% 6.2% 49.3 49.5 0.2 0.4% 54.9 55.0 0.1 0.2% 60.0 60.4 0.4 0.7% 64.4 64.9 0.5 0.8% 7.4% 49.3 49.5 0.1 0.3% 7.4% 0.0 0.1% 7.4% 59.7 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58.0% 0.4% 58.0% 46.6 46.8 0.1 0.3% 51.0 51.2 0.2 56.5 57.2 0.7 1.2% 58.0% 61.7 62.1 0.4 0.6% 60.5% 60.5% 60.5% 46.6 46.7 0.1 0.2% 50.9 51.2 0.2 0.4% 56.4 57.0 0.6 1.0% 60.5% 61.6 62.1 0.4 0.7% 61.7% 61.7% 62.1 63.0% 63.0% 63.0% 0.1% 63.0% 46.6 46.7 0.1 0.2% 50.9 50.9 0.1 56.3 56.7 0.4 0.8% 61.5 62.0 0.6 0.9% 64.2% 65.4% 46.6 46.5 46.6 46.6 0.1 0.1% 64.2% 65.4% 50.9 50.8 64.2% 65.4% 64.2% 65.4% 0.5 0.1 0.3% 0.4 61.4 61.9 0.7% 50.7 56.0 56.5 0.7% 66.7% 67.9% 46.5 46.4 0.2% 66.7% 67.9% 66.7% 67.9% 66.7% 67.9% 46.6 50.6 50.7 0.3% 56.0 56.4 61.8 0.5 50.6 0.4 0.8% 46.4 0.0 50.5 0.2 0.3% 55.9 56.3 61.3 61.6 0.6% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 50.6 55.8 46.3 0.3 0.2 46.4 0.1 0.1% 50.6 0.7% 55.6 56.1 0.5 1.0% 61.3 61.4 0.3% 50.3 71.6% 46.3 46.3 0.1% 71.6% 50.6 0.7% 71.6% 55.6 56.1 0.5 1.0% 71.6% 61.2 61.4 0.2 0.4% 72.8% 46.2 46.2 0.0 72.8% 50.2 50.6 0.4 0.8% 72.8% 55.5 56.1 0.6 1.1% 72.8% 61.1 61.2 0.2 0.3% 74.1% 75.3% 74.1% 75.3% -0.1% 0.1% 74.1% 74.1% 0.8% 0.2 75.3% 0.9% 75.3% 0.6 0.5% 76.5% 45.8 45.8 0.0 0.0% 76.5% 50.0 50.1 0.2% 76.5% 55.1 55.8 1.2% 76.5% 60.8 60.9 0.1 0.2% 77.8% 0.1% 77.8% 0.5% 77.8% 0.5% 77.8% 0.1 0.2% 45.8 0.3 0.3 60.8 60.9 79.0% 45.8 45.8 0.0 0.1% 79.0% 49.5 49.8 0.3 0.7% 79.0% 54.8 55.0 0.2 0.3% 79.0% 60.8 60.9 0.1 0.2% 80.2% 0.3% 80.2% 49.6 80.2% 0.2 80.2% 0.1 45.7 49.4 0.3% 54.7 55.0 0.5% 0.2% 81.5% 45.6 45.7 0.1 0.1% 81.5% 49.2 49.5 0.4% 81.5% 54.5 54.7 0.4% 81.5% 60.7 60.8 0.1 0.1% 82.7% 82.7% 45.6 45.6 0.1% 82.7% 49.4 0.4% 54.3 54.7 0.3 0.6% 82.7% 60.7 60.7 0.1 0.1% 84.0% 45.6 45.6 0.1% 84.0% 49.1 49.4 0.2 0.5% 84.0% 54.2 54.7 0.5 0.9% 84.0% 60.4 60.4 0.0 0.1% 85.2% 45.5 45.6 0.1 0.1% 85.2% 49.0 49.3 0.2 0.5% 85.2% 54.1 54.5 0.4 0.7% 85.2% 60.2 60.3 0.1 0.1% 86.4% 45.4 45.4 -0.1% 86.4% 48.9 49.2 0.6% 86.4% 54.1 54.3 0.5% 86.4% 60.2 60.2 87.7% 45.3 45.3 0.1 0.1% 87.7% 48 9 49 1 0.2 0.4% 87.7% 54.0 543 0.3 0.5% 87.7% 60.1 60.2 0.1 0.1% 88.9% 45.3 45.3 0.0 0.1% 88.9% 48.8 48.9 0.2% 88.9% 54.0 54.2 0.1 0.3% 88.9% 60.0 60.1 0.0 0.1% 90.1% 45.1 45.2 0.1 0.2% 90.1% 48.7 48.8 0.1 0.2% 90.1% 53.9 54.1 0.2 0.4% 90.1% 59.8 59.9 0.0 0.1% 91.4% 0.0% 91.4% 48.6 48.7 91.4% 0.8% 91.4% 59.5 59.8 0.1 91.4% 92.6% 92.6% 45.1 45.1 0.0 0.0% 48.6 48.7 0.2% 53.5 53.5 0.0 0.0% 92.6% 59.0 59.7 0.7 1.2% 93.8% 0.0 48.7 53.3 53.2 93.8% 59.0 0.2 45.1 45.1 0.1% 93.8% 48.5 0.2 0.5% 93.8% 0.0 -0.1% 59.1 0.3% 95.1% 95.1% 95.1% 95.1% 44.9 44.9 0.1 0.2% 48.3 48.3 0.0 0.0% 53.1 53.2 0.0 0.1% 58.9 59.1 0.2 0.3% 96.3% 44.7 0.1% 96.3% 48.1 48.2 0.3% 96.3% 97.5% 52.9 0.3% 96.3% 97.5% 58.7 0.3 0.5% 0.1 97.5% 97.5% 0.4% 44 6 447 0.0 48 N 48.2 0.2 0.4% 51 9 52.0 0.2% 58.6 58.8 0.0% 47.7 0.0% 98.8% 100.0% 100.0% 100.0% 100.0% 43.8 43.8 0.0 0.0% 47.6 47.6 0.0 0.0% 49.5 49.6 0.1 0.2% 55.5 55.5 0.0 0.0%

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

August

September

Percent Percent Percent Percent No Action Alternative Alternative B Absolute Relative Relative Relative Relative Exceedance Exceedance Difference Difference Difference Difference Monthly Temperature Difference (%) Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG.E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (DEG-F) (%) 0.0% 0.0% 67.6 0.1 0.0% 69.7 69.4 -0.3 -0.4% 0.0% 71.7 70.8 -1.2% 68.7 68.3 -0.6% 1.2% 67.5 67.5 0.0 0.0% 1.2% 69.6 68.7 -0.9 -1.3% 1.2% 71.5 68.8 -2.7 -3.7% 1.2% 68.5 68.0 -0.5 -0.7% 2.5% 66.7 66.6 -0.1% 2.5% 68.7 68.7 0.0% 2.5% 69.9 68.4 -2.1% 2.5% 68.3 68.0 -0.3-0.5% 3.7% 3.7% 66.6 66.4 -0.2 -0.2% 3.7% 68.4 68.1 -0.3 -0.4% 3.7% 69.7 68.1 -1.5 -2.2% 68.2 67.5 -0.6 -0.9% 4.9% 66.4 66.4 0.0 -0.1% 4.9% 68.1 68.1 0.0 0.0% 4.9% 69.3 68.0 -1.2 -1.8% 4.9% 67.8 66.9 -0.9 -1.3% 6.2% 6.2% 6.2% 6.2% 66.4 66.2 -0.2 -0.2% 67.9 68.1 0.2 0.3% 68.9 68.0 -0.9 -1.3% 67.4 66.7 -0.7 -1.0% 7.4% 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53.1% 53.1% 53.1% 0.3% 63.8 63.9 65.2 65.2 -0.1 -0.1% 65.4 65.6 63.2 63.0 -0.3% 55.6% 56.8% 55.6% 55.6% 55.6% 63.7 63.8 0.1 0.2% 65.2 65.1 -0.1 -0.1% 65.3 65.5 0.2 0.3% 62.9 63.0 0.1 0.2% 58.0% 0.4% 58.0% 58.0% 63.5 63.7 0.3 65.1 65.0 -0.1 -0.2% 65.3 65.4 0.1 0.2% 58.0% 62.8 63.0 0.2 0.3% 60.5% 60.5% 60.5% 63.4 63.6 0.2 0.4% 65.0 64.9 -0.1 -0.2% 65.2 65.4 0.2 0.3% 60.5% 62.5 62.9 0.4 0.7% 61.7% 64.8 65.4 62.9 63.0% 63.0% 63.0% -0.1 63.0% 0.5 63.3 63.5 0.2 0.4% 64.9 64.8 -0.1% 65.1 65.2 0.1 0.1% 62.4 62.9 0.8% 64.2% 65.4% 63.2 63.2 63.5 63.4 0.3 0.4% 64.2% 65.4% 64.8 64.8 -0.1% -0.1% 64.2% 65.4% 64.2% 65.4% 62.3 62.3 0.3 64.8 -0.1 65.1 0.0 62.4 0.3% 65.1 0.0% 66.7% 67.9% 63.1 63.1 0.4% 66.7% 67.9% 66.7% 67.9% 66.7% 67.9% 0.3 64.7 0.1% 65.0 65.1 0.2% 62.2 62.3 0.0 64.7 0.1 0.2 62.2 63.4 64.6 0.2% 65.0 65.0 0.1% 62.2 0.0% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 0.2 0.4% 64.6 63.1 64.4 0.1 63.2 0.2% 64.5 -0.1 -0.2% 64.8 65.0 0.2 0.3% 61.8 61.9 0.1% 71.6% 63.0 63.2 0.3 0.4% 71.6% 64.3 -n 2 -0.3% 71.6% 64.8 65.0 0.2 0.3% 71.6% 61.6 61.8 0.2 72.8% 62.9 63.2 72.8% 64.4 64.3 -0.1 -0.2% 72.8% 64.4 65.0 0.6 0.9% 72.8% 61.5 61.7 0.1 0.2% 0.4% -0.4% -0.2% 74.1% 75.3% 74.1% 75.3% 74.1% -0.3 -0.2 74.1% 0.5 0.8% 0.1 0.2% -0.1% 75.3% 75.3% 76.5% 62.9 0.2 0.3% 76.5% 64.1 -0.2 -0.3% 76.5% 64.3 64.8 0.5 0.8% 76.5% 61.4 61.4 0.1 77.8% 0.1% 77.8% 64.0 -0.2 -0.2% 77.8% 0.6% 77.8% 0.1 0.2% 62.9 61.2 61.4 79.0% 62.8 0.1 0.1% 79.0% 64.0 -0.1 -0.2% 79.0% 64.2 64.6 0.3 0.5% 79.0% 61.2 61.3 0.1 0.2% 80.2% 62.8 0.1% 80.2% 64.0 -0.1% 80.2% 80.2% 64.2 64.6 0.3 0.5% 61.2 0.0% 81.5% 62.8 62.9 0.1% 81.5% 63.9 63.9 0.0% 81.5% 64.2 64.6 0.4 0.6% 81.5% 61.0 61.0 0.0 0.0% 82.7% 82.7% 62.7 0.3% 82.7% 63.9 0.0% 64.1 64.4 0.3 0.4% 82.7% 61.0 61.0 0.1 0.1% 84.0% 62.6 0.2 0.3% 84.0% 63.9 63.7 -0.2 -0.3% 84.0% 63.9 64.3 0.4 0.6% 84.0% 60.9 61.0 0.1 0.1% 85.2% 62.6 62.7 0.1 0.2% 85.2% 63.9 63.5 -0.3 -0.5% 85.2% 63.9 64.1 0.2 0.3% 85.2% 60.9 61.0 0.1 0.1% 86.4% 62.5 0.3% 86.4% 63.5 -0.4% 86.4% 63.8 64.1 0.4% 86.4% 60.9 60.8 -0.1 -0.1% 87.7% 62.5 62.6 0.1 0.2% 87.7% 63.7 63.4 -0.3 -0.4% 87.7% 63.6 64 1 0.5 0.7% 87.7% 60.8 60.8 0.0 0.0% 88.9% 62.4 62.5 0.1 0.2% 88.9% 63.4 63.3 -0.1 -0.2% 88.9% 63.6 63.9 0.3 0.4% 88.9% 60.6 60.7 0.0 0.0% 90.1% 62.4 62.4 0.1 0.1% 90.1% 63.3 63.2 -0.1 -0.2% 90.1% 63.5 63.8 0.2 0.4% 90.1% 60.6 60.4 -0.1 -0.2% 91.4% 62.3 91.4% 63.0 -0.4% 91.4% 63.4 91.4% 60.4 0.0 0.1 91.4% 92.6% 92.6% 62.1 62.0 -0.2 -0.2% 63.2 63.0 -0.2 -0.3% 63.4 63.5 0.2% 92.6% 60.4 60.4 -0.1% 93.8% -0.2 -0.3% 93.8% 0.0 62.0 -0.2-0.3% 93.8% 63.1 62.9 93.8% 63.2 63.5 0.3 0.4% 60.3 60.3 0.0% 95.1% 95.1% 95.1% 95.1% 62.0 61.6 -0.4 -0.7% 63.1 62.8 -0.2 -0.4% 63.2 63.4 0.2 0.4% 59.9 59.9 0.0 -0.1% 96.3% -0.1% 96.3% 62.8 0.1% 96.3% 97.5% 63.1 63.3 0.2 0.3% 96.3% 97.5% 59.6 -0.1 0.4 -0.1% 0.1 97.5% 0.0% 97.5% 0.1% 61.5 61.5 0.0 62.7 62.7 63.1 63.2 0.1% 59 2 595 0.6% 0.0% 98.8% 100.0% 100.0% 100.0% 60.5 60.7 0.2 0.3% 100.0% 62.0 61.7 -0.3 -0.5% 62.8 62.7 -0.1 -0.2% 59.0 58.5 -0.4 -0.7%

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

					Mon	thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	57.3	51.0	45.3	44.4	47.0	51.4	56.7	61.9	64.0	65.5	65.8	63.4
Alternative B	57.2	50.9	45.4	44.5	47.1	51.7	57.2	62.2	64.0	65.3	65.7	63.2
Difference	-0.1	-0.1	0.1	0.1	0.0	0.2	0.5	0.3	0.0	-0.2	0.0	-0.1
Percent Difference ³	-0.2%	-0.1%	0.1%	0.2%	0.1%	0.4%	0.9%	0.5%	0.0%	-0.3%	-0.1%	-0.29
				Water Y	ear Types	1						
Wet (32%)												
No Action Alternative	56.6	51.3	45.4	44.7	46.6	50.2	54.8	61.0	63.8	65.9	65.4	61.0
Alternative B	56.6	51.2	45.5	44.7	46.6	50.3	55.0	61.1	63.5	65.7	65.7	61.0
Difference	0.0	-0.1	0.1	0.0	0.0	0.2	0.2	0.1	-0.3	-0.2	0.3	0.1
Percent Difference	-0.1%	-0.1%	0.3%	0.1%	0.1%	0.3%	0.4%	0.1%	-0.4%	-0.3%	0.4%	0.19
Above Normal (15%)												
No Action Alternative	56.8	50.6	45.7	44.8	46.9	51.3	56.8	62.7	64.0	64.7	65.5	62.9
Alternative B	56.8	50.6	45.9	44.8	47.0	51.6	57.2	62.8	64.1	64.4	65.6	63.0
Difference	0.0	0.0	0.2	0.1	0.1	0.2	0.4	0.1	0.0	-0.3	0.1	0.2
Percent Difference	0.0%	0.1%	0.3%	0.2%	0.1%	0.5%	0.8%	0.2%	0.1%	-0.4%	0.1%	0.39
Below Normal (17%)												
No Action Alternative	56.6	50.7	45.5	44.2	46.5	51.5	57.6	62.3	63.7	65.1	65.3	64.1
Alternative B	56.4	50.7	45.5	44.3	46.6	51.8	58.2	62.8	63.8	64.9	65.3	63.8
Difference	-0.2	0.0	0.0	0.1	0.0	0.3	0.6	0.5	0.1	-0.1	0.1	-0.4
Percent Difference	-0.3%	0.0%	0.0%	0.2%	0.1%	0.6%	1.1%	0.7%	0.1%	-0.2%	0.1%	-0.69
Ory (22%)												
No Action Alternative	57.6	51.2	45.3	44.1	47.3	52.3	58.2	62.0	64.3	65.0	65.4	64.7
Alternative B	57.6	51.1	45.3	44.3	47.3	52.5	58.9	62.5	64.5	64.8	65.4	64.5
Difference	-0.1	-0.1	0.0	0.2	0.0	0.2	0.7	0.4	0.2	-0.1	-0.1	-0.3
Percent Difference	-0.1%	-0.2%	0.0%	0.5%	0.1%	0.4%	1.2%	0.7%	0.4%	-0.2%	-0.1%	-0.49
Critical (15%)		,		,	,		,	,	,			
No Action Alternative	59.6	50.7	44.7	44.3	48.2	53.1	57.8	62.4	64.3	66.8	67.8	66.3
Alternative B	59.2	50.5	44.7	44.4	48.3	53.2	58.6	63.1	64.4	66.7	66.9	65.8
Difference	-0.3	-0.2	0.0	0.1	0.1	0.2	0.8	0.8	0.1	-0.2	-0.9	-0.4
Percent Difference	-0.6%	-0.4%	0.0%	0.3%	0.1%	0.3%	1.3%	1.2%	0.1%	-0.2%	-1.3%	-0.6

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



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

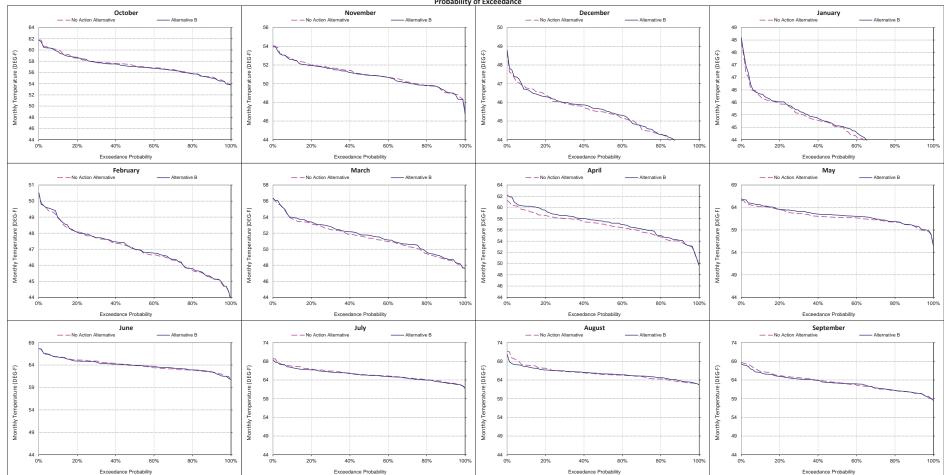


Table SQ-10-5b Sacramento River below Delevan, Monthly Temperature Probability of Exceedance

		October					November					December					January		
Percent	No Action Alternative	Alternative B	Absolute		Percent	No Action Alternative	Alternative B	Absolute		Percent	No Action Alternative	Alternative B	Absolute		Percent	No Action Alternative	Alternative B	Absolute	
Exceedance			- Difference	Relative	Exceedance			Difference	Relative	Exceedance			- Difference	Relative	Exceedance			- Difference	Relative
Probability	Monthly Temperature (DFG-F)	Monthly Temperature (DFG-F)	(DEG-F)	Difference (%)	Probability	Monthly Temperature (DEG-F)	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature (DFG-F)	(DEG-F)	Difference (%)	Probability	Monthly Temperature (DFG-F)	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F) 61.8	(DEG-F) 61.8	0.0	-0.1%	(%)	(DEG-F) 53.9	(DEG-F) 54.0	0.1	0.00/	(%)	(DEG-F) 48.7	(DEG-F) 48.8	0.1	0.3%	(%)	(DEG-F) 47.9	(DEG-F) 48.1	0.2	0.40/
0.0% 1.2%	61.8	61.5	-0.3	-0.1%	0.0% 1.2%	53.9	54.0	0.1	0.2% 0.2%	0.0% 1.2%	47.6	47.8	0.1	0.4%	0.0% 1.2%	47.4	47.5	0.2	0.4% 0.2%
2.5%	60.7	60.5	-0.3	-0.5%	2.5%	53.9	54.0	-0.1	-0.7%	2.5%	47.0	47.0 47.7	0.2	0.4%	2.5%	47.4	47.5 47.0	0.1	0.2%
3.7%	60.7	60.4	-0.2	-0.4%	3.7%	53.9	53.2	0.0	0.0%	3.7%	47.3	47.4	0.2	0.4%	3.7%	46.5	46.7	0.3	0.3%
4.9%	60.5	60.4	-0.3	-0.4%	4.9%	53.2	53.2	-0.1	-0.2%	4.9%	47.3	47.4	0.0	0.1%	4.9%	46.5 46.0	46.7	0.1	0.5%
6.2%	60.4	60.3	0.0	0.0%	6.2%	53.0	53.0	0.0	0.0%	6.2%	47.1	47.2	0.2	0.4%	6.2%	46.0	46.0	0.0	0.0%
7.4%	60.2	60.3	0.1	0.2%	7.4%	52.9	52.8	-0.1	-0.2%	7.4%	46.9	47.0	0.1	0.2%	7.4%	46.0	45.9	-0.1	-0.1%
8.6%	60.2	59.9	-0.3	-0.5%	8.6%	52.8	52.6	-0.2	-0.3%	8.6%	46.9	46.7	-0.2	-0.4%	8.6%	45.8	45.9	0.1	0.1%
9.9%	60.1	59.7	-0.3	-0.5%	9.9%	52.7	52.6	-0.1	-0.2%	9.9%	46.8	46.7	-0.1	-0.2%	9.9%	45.7	45.8	0.1	0.2%
11.1%	59.9	59.4	-0.5	-0.8%	11.1%	52.5	52.5	0.0	0.0%	11.1%	46.7	46.7	-0.1	-0.2%	11.1%	45.6	45.8	0.2	0.4%
12.3%	59.4	59.3	-0.1	-0.2%	12.3%	52.5	52.4	0.0	0.0%	12.3%	46.7	46.6	-0.2	-0.4%	12.3%	45.6	45.7	0.1	0.2%
13.6%	59.3	59.1	-0.3	-0.5%	13.6%	52.4	52.2	-0.3	-0.5%	13.6%	46.7	46.5	-0.2	-0.5%	13.6%	45.6	45.7	0.1	0.2%
14.8%	59.2	58.9	-0.3	-0.5%	14.8%	52.4	52.1	-0.3	-0.5%	14.8%	46.6	46.5	-0.1	-0.3%	14.8%	45.6	45.6	0.1	0.1%
16.0%	59.1	58.9	-0.3	-0.5%	16.0%	52.3	52.0	-0.2	-0.5%	16.0%	46.5	46.4	-0.1	-0.3%	16.0%	45.6	45.6	0.0	0.0%
17.3%	58.6	58.8	0.2	0.3%	17.3%	52.2	52.0	-0.2	-0.4%	17.3%	46.5	46.4	-0.2	-0.4%	17.3%	45.5	45.6	0.0	0.1%
18.5%	58.6	58.7	0.1	0.2%	18.5%	52.1	52.0	-0.1	-0.3%	18.5%	46.5	46.3	-0.2	-0.4%	18.5%	45.5	45.5	0.0	0.1%
19.8%	58.6	58.7	0.1	0.3%	19.8%	52.0	51.9	0.0	-0.1%	19.8%	46.4	46.3	-0.1	-0.2%	19.8%	45.4	45.5	0.1	0.2%
21.0%	58.4	58.6	0.2	0.4%	21.0%	52.0	51.9	-0.1	-0.1%	21.0%	46.4	46.3	-0.1	-0.1%	21.0%	45.4	45.5	0.1	0.2%
22.2%	58.3	58.4	0.2	0.3%	22.2%	51.9	51.9	-0.1	-0.1%	22.2%	46.2	46.3	0.0	0.1%	22.2%	45.4	45.5	0.1	0.2%
23.5%	58.2	58.4	0.2	0.3%	23.5%	51.9	51.8	0.0	-0.1%	23.5%	46.0	46.2	0.1	0.3%	23.5%	45.4	45.4	0.0	0.0%
24.7%	58.1	58.3	0.2	0.4%	24.7%	51.9	51.8	0.0	-0.1%	24.7%	46.0	46.2	0.1	0.3%	24.7%	45.3	45.4	0.0	0.1%
25.9%	58.0	58.0	0.0	0.0%	25.9%	51.8	51.8	-0.1	-0.2%	25.9%	46.0	46.1	0.0	0.1%	25.9%	45.3	45.4	0.1	0.1%
27.2%	58.0	58.0	0.0	0.0%	27.2%	51.8	51.7	-0.1	-0.2%	27.2%	46.0	46.1	0.0	0.1%	27.2%	45.2	45.3	0.1	0.2%
28.4%	57.9	58.0	0.1	0.1%	28.4%	51.7	51.6	-0.1	-0.2%	28.4%	46.0	46.0	0.0	0.0%	28.4%	45.1	45.2	0.1	0.3%
29.6%	57.9	57.8	-0.1	-0.2%	29.6%	51.7	51.6	-0.1	-0.2%	29.6%	46.0	46.0	0.0	0.1%	29.6%	45.1	45.2	0.1	0.3%
30.9%	57.8	57.7	-0.1	-0.2%	30.9%	51.7	51.6	-0.1	-0.2%	30.9%	45.9	46.0	0.1	0.2%	30.9%	45.0	45.1	0.1	0.2%
32.1%	57.8	57.7	-0.1	-0.1%	32.1%	51.6	51.5	-0.2	-0.3%	32.1%	45.9	46.0	0.1	0.1%	32.1%	45.0	45.1	0.1	0.2%
33.3%	57.7	57.7	-0.1	-0.1%	33.3%	51.6	51.5	-0.2	-0.3%	33.3%	45.9	45.9	0.1	0.1%	33.3%	45.0	45.0	0.1	0.1%
34.6%	57.7	57.6	-0.1	-0.2%	34.6%	51.5	51.5	-0.1	-0.2%	34.6%	45.9	45.9	0.1	0.1%	34.6%	44.9	45.0	0.1	0.3%
35.8%	57.7	57.5	-0.2	-0.3%	35.8%	51.5	51.4	-0.2	-0.3%	35.8%	45.8	45.9	0.1	0.2%	35.8%	44.9	44.9	0.1	0.2%
37.0%	57.7	57.5	-0.1	-0.2%	37.0%	51.5	51.4	-0.1	-0.2%	37.0%	45.8	45.9	0.1	0.2%	37.0%	44.8	44.9	0.1	0.2%
38.3%	57.6	57.5	-0.1	-0.1%	38.3%	51.4	51.3	-0.1	-0.2%	38.3%	45.8	45.9	0.1	0.1%	38.3%	44.8	44.9	0.1	0.2%
39.5%	57.6	57.5	-0.1	-0.1%	39.5%	51.4	51.2	-0.2	-0.4%	39.5%	45.8	45.9	0.1	0.3%	39.5%	44.8	44.9	0.1	0.2%
40.7%	57.6	57.5	-0.1	-0.1%	40.7%	51.4	51.2	-0.2	-0.5%	40.7%	45.7	45.9	0.2	0.4%	40.7%	44.8	44.8	0.1	0.1%
42.0%	57.6	57.4	-0.2	-0.3%	42.0%	51.2	51.1	-0.1	-0.2%	42.0%	45.7	45.8	0.2	0.3%	42.0%	44.7	44.8	0.1	0.1%
43.2%	57.5	57.2	-0.3	-0.6%	43.2%	51.1	51.1	0.0	0.1%	43.2%	45.6	45.8	0.2	0.4%	43.2%	44.7	44.8	0.0	0.1%
44.4%	57.5	57.2	-0.3	-0.6%	44.4%	51.0	51.1	0.1	0.2%	44.4%	45.6	45.7	0.1	0.3%	44.4%	44.7	44.7	0.0	0.1%
45.7%	57.5	57.1	-0.3	-0.6%	45.7%	51.0	51.0	0.0	0.1%	45.7%	45.5	45.7	0.1	0.3%	45.7%	44.7	44.7	0.0	0.1%
46.9%	57.5	57.1	-0.4	-0.6%	46.9%	51.0	51.0	0.0	0.0%	46.9%	45.5	45.7	0.2	0.4%	46.9%	44.6	44.7	0.0	0.0%
48.1%	57.4	57.1	-0.3	-0.5%	48.1%	51.0	50.9	0.0	-0.1%	48.1%	45.5	45.6	0.1	0.3%	48.1%	44.6	44.6	0.1	0.1%
49.4%	57.2	57.1	-0.1	-0.2%	49.4%	50.9	50.9	0.0	0.0%	49.4%	45.5	45.6	0.1	0.3%	49.4%	44.5	44.6	0.0	0.1%
50.6%	57.1	57.0	-0.1	-0.1%	50.6%	50.9	50.9	0.0	0.0%	50.6%	45.5	45.6	0.1	0.2%	50.6%	44.5	44.6	0.0	0.1%
51.9%	57.1	57.0	-0.1	-0.2%	51.9%	50.9	50.9	0.0	0.0%	51.9%	45.4	45.5	0.1	0.2%	51.9%	44.5	44.5	0.0	0.1%
53.1%	57.0	56.9	-0.1	-0.2%	53.1%	50.9	50.9	0.0	0.0%	53.1%	45.4	45.5	0.1	0.2%	53.1%	44.5	44.5	0.0	0.1%
54.3%	57.0	56.9	-0.1	-0.2%	54.3%	50.8	50.9	0.0	0.1%	54.3%	45.4	45.4	0.1	0.1%	54.3%	44.4	44.5	0.1	0.3%
55.6%	57.0	56.9	-0.1	-0.2%	55.6%	50.8	50.8	0.0	0.1%	55.6%	45.3	45.4	0.1	0.1%	55.6%	44.3	44.5	0.1	0.3%
56.8%	56.9	56.9	0.0	0.0%	56.8%	50.8	50.8	0.0	0.0%	56.8%	45.3	45.4	0.0	0.1%	56.8%	44.2	44.4	0.2	0.5%
58.0%	56.8	56.8	0.0	-0.1%	58.0%	50.7	50.7	0.0	0.0%	58.0%	45.3	45.3	0.1	0.1%	58.0%	44.2	44.4	0.2	0.4%
59.3%	56.8	56.8	-0.1	-0.1%	59.3%	50.7	50.7	0.0	-0.1%	59.3%	45.2	45.3	0.1	0.3%	59.3%	44.2	44.3	0.2	0.4%
60.5%	56.8	56.7	-0.1	-0.2%	60.5%	50.7	50.7	0.0	0.0%	60.5%	45.2	45.3	0.1	0.3%	60.5%	44.1	44.3	0.2	0.4%
61.7%	56.8	56.7	-0.1	-0.2%	61.7%	50.6	50.6	-0.1	-0.1%	61.7%	45.1	45.3	0.1	0.3%	61.7%	44.1	44.2	0.1	0.3%
63.0%	56.8	56.6	-0.1	-0.3%	63.0%	50.6	50.5	-0.1	-0.1%	63.0%	45.1	45.1	0.1	0.2%	63.0%	44.0	44.1	0.1	0.2%
64.2%	56.7	56.6	-0.1	-0.2%	64.2%	50.5	50.3	-0.2	-0.5%	64.2%	45.0	45.0	0.0	-0.1%	64.2%	43.9	44.1	0.1	0.3%
65.4%	56.6	56.6	-0.1	-0.1%	65.4%	50.5	50.2	-0.3	-0.5%	65.4%	45.0	44.9	-0.2	-0.4%	65.4%	43.9	44.0	0.0	0.1%
66.7%	56.5	56.5	0.0	0.0%	66.7%	50.4	50.2	-0.2	-0.4%	66.7%	44.9	44.8	-0.1	-0.2%	66.7%	43.9	43.9	0.1	0.1%
67.9%	56.5	56.4	-0.1	-0.2%	67.9%	50.4	50.1	-0.3	-0.5%	67.9%	44.8	44.8	-0.1	-0.1%	67.9%	43.9	43.8	0.0	-0.1%
69.1%	56.5	56.4	-0.1	-0.2%	69.1%	50.2	50.1	-0.1	-0.2%	69.1%	44.7	44.8	0.0	0.1%	69.1%	43.8	43.8	0.1	0.2%
70.4%	56.5	56.3	-0.2	-0.3%	70.4%	50.2	50.1	-0.1	-0.2%	70.4%	44.5	44.7	0.2	0.5%	70.4%	43.7	43.8	0.2	0.4%
71.6%	56.3	56.3	-0.1	-0.1%	71.6%	50.1	50.0	-0.2	-0.3%	71.6%	44.5	44.7	0.2	0.5%	71.6%	43.6	43.8	0.2	0.4%
72.8%	56.3	56.3	0.0	0.0%	72.8%	50.0	50.0	-0.1	-0.1%	72.8%	44.5	44.6	0.1	0.3%	72.8%	43.5	43.7	0.1	0.3%
74.1%	56.2	56.1	-0.1	-0.2%	74.1%	50.0	49.9	-0.1	-0.2%	74.1%	44.5	44.6	0.1	0.2%	74.1%	43.5	43.7	0.1	0.3%
75.3%	56.2	56.0	-0.2	-0.4%	75.3%	50.0	49.9	-0.1	-0.2%	75.3%	44.4	44.6	0.1	0.3%	75.3%	43.5	43.7	0.2	0.4%
76.5%	56.0	55.9	-0.1	-0.2%	76.5%	49.9	49.9	0.0	-0.1%	76.5%	44.4	44.4	0.1	0.2%	76.5%	43.4	43.6	0.2	0.5%
77.8%	55.9	55.9	0.0	0.0%	77.8%	49.9	49.8	0.0	0.0%	77.8%	44.3	44.4	0.0	0.1%	77.8%	43.4	43.6	0.2	0.6%
79.0%	55.8	55.8	0.0	0.0%	79.0%	49.8	49.8	0.0	0.1%	79.0%	44.3	44.3	0.0	-0.1%	79.0%	43.3	43.6	0.3	0.6%
80.2%	55.8	55.7	0.0	0.0%	80.2%	49.8	49.8	0.0	0.1%	80.2%	44.3	44.3	0.0	0.0%	80.2%	43.3	43.5	0.2	0.5%
81.5%	55.7	55.7	0.0	-0.1%	81.5%	49.8	49.8	0.0	0.1%	81.5%	44.2	44.2	0.0	0.0%	81.5%	43.2	43.4	0.2	0.5%
82.7%	55.7	55.7	-0.1	-0.1%	82.7%	49.7	49.8	0.1	0.1%	82.7%	44.2	44.2	0.0	0.1%	82.7%	43.2	43.4	0.2	0.5%
84.0%	55.7 55.3	55.7 55.5	0.1	0.1%	84.0%	49.7	49.8	0.1	0.1%	84.0%	44.2	44.2 44.1	0.1	0.1%	84.0%	43.2	43.4	0.2	0.6%
85.2%	55.3	55.3	0.0	-0.1%	85.2%	49.7	49.7	0.0	0.1%	85.2%	44.0	44.1	0.1	0.3%	85.2%	43.1	43.4	0.3	0.3%
86.4%	55.3	55.3	0.0	0.0%	86.4%	49.6	49.6	0.0	0.0%	86.4%	43.8	44.0	0.1	0.5%	86.4%	43.1	43.2	0.1	0.3%
87.7%	55.2	55.2	-0.1	-0.2%	87.7%	49.8	49.4	0.0	0.3%	87.7%	43.8	43.9	0.2	0.5%	87.7%	43.1	43.2	0.1	0.2%
88.9%	55.2 55.2	55.2 55.1	-0.1	-0.2%	88.9%	49.3 49.1	49.4	0.1	0.5%	88.9%	43.6	43.9	0.1	0.2%	88.9%	43.0	43.2	0.1	0.2%
90.1%	55.2	55.0	-0.2	-0.4%	90.1%	49.1	49.3	0.2	0.5%	90.1%	43.7	43.9	0.3	0.7%	90.1%	42.8	42.9	0.0	0.3%
91.4%	55.1	54.9 54.7	-0.1 -0.1	-0.3%	91.4%	49.0 49.0	49.0 49.0	0.0	0.1%	91.4%	43.5	43.8 43.7	0.2	0.6%	91.4%	42.8	42.8 42.7	0.1	0.2%
92.6%	54.8			-0.1%	92.6%	49.0 48.9			0.0%	92.6%	43.5		0.2	0.5%	92.6%	42.7 42.7			0.0%
93.8%	54.7	54.5	-0.2	-0.3%	93.8%		49.0 48.8	0.1	0.2%	93.8%	43.4	43.6	0.2	0.4%	93.8%	42.7 42.7	42.7	0.0	0.0%
95.1% 96.3%	54.6 54.4	54.4 54.4	-0.2	-0.4% 0.1%	95.1% 96.3%	48.8 48.8	48.8 48.3	0.0 -0.5	-0.1%	95.1% 96.3%	43.4 43.4	43.5 43.5	0.1	0.3%	95.1% 96.3%	42.7 42.4	42.7 42.5	0.0	0.0%
96.3% 97.5%	54.4 54.3	54.4 53.9	0.1 -0.4	0.1% -0.7%	96.3%	48.8 48.5	48.3 48.3	-0.5	-1.0% -0.4%	96.3% 97.5%	43.4 43.2	43.5 43.5	0.1	0.2%	96.3% 97.5%	42.4 42.2	42.5 42.3	0.1 0.2	0.3%
97.5%	54.3 53.9	53.9 53.9	-0.4	-0.7%	97.5%	48.5 48.4	48.3 48.3	-0.2	-0.4%	97.5%	43.2	43.5 42.6	-0.4	-0.9%	97.5%	42.2 41.8	42.3 42.0	0.2	0.4%
	53.9	53.9	-0.1		98.8%	48.4 47.1	48.3 46.7	-0.4			43.0	42.6	-0.4			41.8 41.5	42.0 41.8		
100.0%	53.9	53.7	0.0	-0.3%	100.0%	47.1	40.7	*0.4	-0.9%	100.0%	41.0	41.7	0.1	0.3%	100.0%	41.5	41.0	0.3	0.8%

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

									Probability	of Exceedance									
Percent		February			Percent		March			Percent		April			Percent		May		
Exceedance	No Action Alternative		Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative
Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)
0.0%	(DEG-F) 50.5	(DEG-F) 50.5	0.0	0.0%		(DEG-F) 56.4	(DEG-F) 56.4	0.0	0.0%		(DEG-F) 61.3	(DEG-F) 62.2	0.9	1.5%	(%) 0.0%	(DEG-F) 65.6	(DEG-F) 65.9	0.3	0.5%
1.2%	49.9	49.8	-0.1	-0.2%	1.2%	56.0	56.1	0.0	0.1%	1.2%	60.9	61.9	1.0	1.6%	1.2%	65.5	65.7	0.3	0.3%
2.5%	49.7	49.7	0.0	0.0%	2.5%	55.6	56.1	0.4	0.8%	2.5%	60.4	61.9	1.5	2.4%	2.5%	64.9	65.7	0.8	1.2%
3.7%	49.6	49.6	0.0	0.0%	3.7%	55.6	55.5	0.0	0.0%	3.7%	60.3	61.0	0.7	1.2%	3.7%	64.7	65.0	0.3	0.4%
4.9% 6.2%	49.4 49.3	49.6 49.5	0.2	0.3%	4.9% 6.2%	55.2 54.9	55.2 55.0	0.0	0.0%	4.9% 6.2%	60.3 60.0	60.7 60.4	0.4	0.7%	4.9% 6.2%	64.6 64.4	65.0 64.9	0.4	0.6%
7.4%	49.3	49.5	0.2	0.4%	7.4%	54.9	54.4	0.0	0.2%	7.4%	59.7	60.3	0.4	1.1%	7.4%	64.4	64.7	0.4	0.5%
8.6%	49.2	49.4	0.2	0.5%	8.6%	54.0	54.0	0.0	0.1%	8.6%	59.6	60.3	0.6	1.1%	8.6%	64.2	64.6	0.4	0.6%
9.9%	49.0	49.0	-0.1	-0.1%	9.9%	53.8	54.0	0.2	0.4%	9.9%	59.5	60.2	0.7	1.2%	9.9%	64.2	64.6	0.4	0.6%
11.1%	48.8 48.6	48.8 48.7	0.0	0.0%	11.1% 12.3%	53.7 53.5	53.9 53.9	0.2	0.4%	11.1%	59.4 59.2	60.2 60.2	0.8 1.0	1.3% 1.7%	11.1% 12.3%	64.2 64.2	64.3 64.3	0.1	0.2%
12.3% 13.6%	48.4	48.6	0.1	0.2%	13.6%	53.4	53.8	0.4	0.7%	12.3% 13.6%	59.2	60.1	1.0	1.7%	13.6%	64.1	64.3	0.2	0.2%
14.8%	48.4	48.5	0.2	0.3%	14.8%	53.4	53.7	0.3	0.6%	14.8%	59.1	60.1	1.0	1.7%	14.8%	64.0	64.1	0.1	0.1%
16.0%	48.3	48.3	0.0	-0.1%	16.0%	53.4	53.7	0.3	0.6%	16.0%	58.7	60.0	1.3	2.1%	16.0%	63.9	64.1	0.2	0.4%
17.3%	48.2	48.2	0.1	0.2%	17.3%	53.4	53.5	0.1	0.3%	17.3%	58.7	59.9	1.2	2.0%	17.3%	63.8	64.0	0.2	0.3%
18.5% 19.8%	48.2 48.1	48.1 48.1	0.0	-0.1% 0.0%	18.5% 19.8%	53.3 53.3	53.4 53.4	0.1 0.1	0.2%	18.5% 19.8%	58.6 58.6	59.6 59.6	1.0 0.9	1.6%	18.5% 19.8%	63.7 63.6	63.6 63.6	-0.1 0.0	-0.1% -0.1%
21.0%	48.1	48.0	-0.1	-0.1%	21.0%	53.1	53.3	0.2	0.4%	21.0%	58.5	59.2	0.7	1.2%	21.0%	63.4	63.5	0.1	0.2%
22.2%	48.0	48.0	-0.1	-0.1%	22.2%	53.1	53.1	0.1	0.2%	22.2%	58.4	59.0	0.6	1.1%	22.2%	63.4	63.5	0.1	0.2%
23.5%	47.9	48.0	0.0	0.1%	23.5%	52.9	53.1	0.2	0.3%	23.5%	58.3	58.9	0.6	0.9%	23.5%	63.0	63.4	0.5	0.8%
24.7% 25.9%	47.8 47.8	47.9 47.9	0.1	0.2% 0.2%	24.7% 25.9%	52.9 52.8	53.1 53.0	0.2	0.3%	24.7% 25.9%	58.2 58.2	58.8 58.8	0.6 0.6	1.0%	24.7% 25.9%	62.9 62.8	63.4 63.4	0.5 0.6	0.8%
27.2%	47.8	47.8	0.0	0.0%	27.2%	52.6	53.0	0.4	0.7%	27.2%	58.1	58.6	0.4	0.8%	27.2%	62.8	63.3	0.5	0.9%
28.4%	47.8	47.8	0.0	0.0%	28.4%	52.6	52.9	0.3	0.6%	28.4%	58.1	58.6	0.5	0.8%	28.4%	62.7	63.2	0.5	0.8%
29.6%	47.7	47.7	0.0	0.0%	29.6%	52.5	52.8	0.4	0.7%	29.6%	58.1	58.6	0.5	0.8%	29.6%	62.6	63.1	0.5	0.7%
30.9%	47.7 47.6	47.7 47.7	0.0	0.0%	30.9% 32.1%	52.4 52.4	52.7 52.5	0.3	0.6%	30.9% 32.1%	58.1 58.1	58.5 58.5	0.5	0.8%	30.9% 32.1%	62.6 62.6	63.1 63.1	0.5 0.5	0.7%
33.3%	47.6	47.7	0.1	0.1%	33.3%	52.3	52.4	0.2	0.2%	33.3%	58.0	58.4	0.4	0.8%	33.3%	62.5	63.1	0.6	0.9%
34.6%	47.6	47.6	0.0	0.0%	34.6%	52.3	52.4	0.1	0.3%	34.6%	57.9	58.4	0.4	0.7%	34.6%	62.5	62.9	0.4	0.6%
35.8%	47.6	47.6	0.0	0.1%	35.8%	52.3	52.3	0.0	0.1%	35.8%	57.9	58.1	0.3	0.5%	35.8%	62.3	62.9	0.6	0.9%
37.0% 38.3%	47.5 47.4	47.6 47.5	0.0	0.1%	37.0% 38.3%	52.1 52.0	52.2 52.2	0.2	0.3%	37.0%	57.9 57.7	58.1 58.1	0.2	0.4%	37.0% 38.3%	62.1 62.1	62.6 62.6	0.5 0.5	0.8%
39.5%	47.4	47.5	0.1 0.1	0.2% 0.1%	39.5%	51.8	52.2	0.3	0.5% 0.7%	38.3% 39.5%	57.5	58.0	0.4	0.6%	39.5%	62.1	62.5	0.5	0.8%
40.7%	47.3	47.4	0.1	0.2%	40.7%	51.8	52.2	0.4	0.7%	40.7%	57.4	58.0	0.6	1.0%	40.7%	62.0	62.5	0.5	0.7%
42.0%	47.3	47.4	0.1	0.2%	42.0%	51.8	52.1	0.3	0.7%	42.0%	57.4	57.9	0.5	0.9%	42.0%	62.0	62.5	0.5	0.8%
43.2% 44.4%	47.3 47.3	47.4 47.4	0.1	0.2%	43.2% 44.4%	51.7 51.7	52.1 51.9	0.3	0.7%	43.2% 44.4%	57.4 57.3	57.8 57.8	0.4	0.8%	43.2% 44.4%	62.0 61.9	62.5 62.5	0.5	0.9%
44.4% 45.7%	47.3 47.2	47.4 47.2	0.1	0.3%	45.7%	51.7 51.6	51.9 51.8	0.2	0.4%	44.4% 45.7%	57.3 57.2	57.8 57.7	0.4	0.8%	44.4% 45.7%	61.9	62.5	0.6	0.9%
46.9%	47.2	47.2	0.0	0.0%	46.9%	51.6	51.8	0.2	0.3%	46.9%	57.2	57.7	0.4	0.8%	46.9%	61.9	62.4	0.5	0.9%
48.1%	47.2	47.1	-0.1	-0.2%	48.1%	51.5	51.8	0.3	0.6%	48.1%	57.2	57.6	0.4	0.8%	48.1%	61.8	62.3	0.5	0.8%
49.4%	47.0	47.0	0.0	-0.1%	49.4%	51.4	51.8	0.4	0.7%	49.4%	57.0	57.6	0.6	1.0%	49.4%	61.8	62.3	0.5	0.9%
50.6%	47.0 47.0	47.0 47.0	0.0	0.1%	50.6% 51.9%	51.4 51.4	51.7 51.6	0.4	0.7%	50.6% 51.9%	57.0	57.5 57.4	0.4	0.8%	50.6%	61.8 61.8	62.3 62.3	0.5	0.8%
51.9% 53.1%	46.9	46.9	0.0	0.1%	53.1%	51.4	51.6	0.3	0.5% 0.5%	53.1%	56.8 56.8	57.4 57.4	0.6	1.1%	51.9% 53.1%	61.8	62.2	0.5	0.8%
54.3%	46.8	46.8	0.1	0.1%	54.3%	51.2	51.5	0.3	0.7%	54.3%	56.7	57.2	0.5	0.9%	54.3%	61.7	62.1	0.4	0.6%
55.6%	46.7	46.8	0.1	0.2%	55.6%	51.1	51.5	0.4	0.7%	55.6%	56.6	57.2	0.6	1.1%	55.6%	61.7	62.1	0.4	0.7%
56.8% 58.0%	46.7 46.6	46.8 46.8	0.1	0.2%	56.8% 58.0%	51.1 51.0	51.3 51.2	0.2	0.4%	56.8% 58.0%	56.5 56.5	57.2 57.2	0.7	1.2%	56.8% 58.0%	61.7 61.7	62.1 62.1	0.4	0.6%
59.3%	46.6	46.8	0.1 0.1	0.3% 0.3%	59.3%	51.0	51.2	0.2 0.2	0.4%	59.3%	56.4	57.0	0.7 0.5	1.2% 0.9%	59.3%	61.7	62.1	0.4	0.6% 0.6%
60.5%	46.6	46.7	0.1	0.2%	60.5%	50.9	51.1	0.2	0.4%	60.5%	56.4	56.9	0.6	1.0%	60.5%	61.7	62.0	0.4	0.6%
61.7%	46.6	46.7	0.1	0.3%	61.7%	50.9	51.1	0.2	0.4%	61.7%	56.3	56.9	0.6	1.0%	61.7%	61.6	62.0	0.4	0.6%
63.0% 64.2%	46.6 46.6	46.7 46.6	0.1	0.2%	63.0% 64.2%	50.9 50.7	50.9 50.9	0.1 0.1	0.1%	63.0% 64.2%	56.3 56.1	56.7 56.5	0.4	0.8%	63.0% 64.2%	61.5 61.5	61.9 61.9	0.5 0.5	0.8%
65.4%	46.5	46.6	0.1	0.1% 0.2%	65.4%	50.7	50.9	0.1	0.3%	65.4%	56.0	56.5	0.4	0.7%	65.4%	61.4	61.9	0.5	0.7%
66.7%	46.5	46.6	0.1	0.2%	66.7%	50.6	50.7	0.1	0.3%	66.7%	56.0	56.4	0.4	0.7%	66.7%	61.4	61.8	0.5	0.8%
67.9%	46.4	46.4	0.0	0.0%	67.9%	50.5	50.6	0.2	0.3%	67.9%	55.9	56.3	0.4	0.7%	67.9%	61.3	61.7	0.4	0.6%
69.1% 70.4%	46.3 46.3	46.4 46.4	0.0 0.1	0.1% 0.1%	69.1% 70.4%	50.5 50.3	50.6 50.6	0.2	0.4% 0.7%	69.1% 70.4%	55.8 55.6	56.3 56.1	0.4 0.5	0.8%	69.1% 70.4%	61.3 61.3	61.6 61.4	0.3	0.5% 0.2%
70.4%	46.3 46.3	46.4	0.1	0.1%	70.4%	50.3	50.6	0.3	0.7%	70.4%	55.6	56.1	0.5	1.0%	70.4%	61.3	61.4	0.2	0.2%
72.8%	46.2	46.2	0.0	0.0%	72.8%	50.2	50.6	0.4	0.8%	72.8%	55.5	56.0	0.5	0.9%	72.8%	61.1	61.2	0.2	0.3%
74.1%	46.2	46.2	-0.1	-0.1%	74.1%	50.2	50.5	0.4	0.7%	74.1%	55.4	55.9	0.4	0.8%	74.1%	61.0	61.2	0.2	0.3%
75.3%	45.9	46.0	0.0	0.1%	75.3%	50.0	50.5	0.4	0.9%	75.3%	55.3	55.9	0.6	1.1%	75.3%	60.9	61.2	0.3	0.5%
76.5% 77.8%	45.8 45.8	45.8 45.8	0.0	0.0% 0.1%	76.5% 77.8%	50.0 49.7	50.1 50.0	0.1	0.2% 0.5%	76.5% 77.8%	55.1 54.8	55.8 55.1	0.7 0.3	1.2% 0.5%	76.5% 77.8%	60.8 60.8	60.9 60.9	0.1	0.2% 0.2%
79.0%	45.8	45.8	0.0	0.1%	79.0%	49.5	49.8	0.3	0.7%	79.0%	54.8	55.0	0.3	0.3%	79.0%	60.8	60.9	0.1	0.2%
80.2%	45.7	45.8	0.1	0.3%	80.2%	49.4	49.6	0.1	0.3%	80.2%	54.7	55.0	0.2	0.5%	80.2%	60.7	60.9	0.1	0.2%
81.5%	45.6	45.7	0.1	0.1%	81.5%	49.2	49.5	0.2	0.4%	81.5%	54.5	54.7	0.2	0.4%	81.5%	60.7	60.8	0.1	0.1%
82.7% 84.0%	45.6 45.6	45.6 45.6	0.1	0.1% 0.1%	82.7% 84.0%	49.2 49.1	49.4 49.4	0.2	0.4% 0.5%	82.7% 84.0%	54.3 54.2	54.7 54.6	0.3	0.6% 0.9%	82.7% 84.0%	60.7 60.4	60.7 60.4	0.0	0.1%
84.0% 85.2%	45.5 45.5	45.6 45.6	0.0	0.1%	84.0% 85.2%	49.1 49.0	49.4	0.2	0.5%	84.0% 85.2%	54.2 54.1	54.5 54.5	0.5	0.9%	84.0% 85.2%	60.2	60.3	0.1	0.1%
86.4%	45.4	45.4	0.0	-0.1%	86.4%	48.9	49.2	0.3	0.6%	86.4%	54.1	54.3	0.2	0.4%	86.4%	60.2	60.2	0.1	0.1%
87.7%	45.3	45.3	0.1	0.1%	87.7%	48.9	49.1	0.2	0.4%	87.7%	54.0	54.3	0.3	0.5%	87.7%	60.1	60.2	0.1	0.1%
88.9%	45.3	45.3	0.0	0.1%	88.9%	48.8	48.9	0.1	0.2%	88.9%	54.0	54.2	0.2	0.4%	88.9%	60.1	60.1	0.0	0.1%
90.1% 91.4%	45.1 45.1	45.2 45.1	0.1	0.2%	90.1% 91.4%	48.7 48.6	48.9 48.7	0.1	0.2%	90.1% 91.4%	53.9 53.7	54.1 54.1	0.2	0.4%	90.1% 91.4%	59.8 59.5	59.9 59.8	0.0	0.1%
92.6%	45.1	45.1	0.0	0.0%	92.6%	48.6	48.7	0.1	0.2%	92.6%	53.7	53.5	0.4	0.0%	92.6%	59.0	59.7	0.4	1.1%
93.8%	45.1	45.1	0.0	0.1%	93.8%	48.5	48.7	0.2	0.5%	93.8%	53.3	53.2	0.0	-0.1%	93.8%	59.0	59.2	0.2	0.3%
95.1%	44.9	44.9	0.1	0.2%	95.1%	48.3	48.3	0.0	0.0%	95.1%	53.1	53.2	0.0	0.1%	95.1%	58.9	59.1	0.2	0.3%
96.3% 97.5%	44.7 44.6	44.7 44.7	0.0	0.1% 0.1%	96.3% 97.5%	48.1 48.0	48.2 48.2	0.1 0.2	0.3%	96.3% 97.5%	52.9 51.9	53.1 52.0	0.1 0.1	0.3%	96.3% 97.5%	58.7 58.6	59.0 58.8	0.3	0.5%
97.5%	44.6 44.4	44.7	0.0	-0.1%	97.5%	48.0 47.7	48.2 47.7	0.2	0.4%	97.5%	51.9 50.8	52.0	0.1	0.2%	97.5%	58.6 58.0	58.8	0.2	0.4% 0.2%
100.0%	43.8	43.8	0.0	0.0%	100.0%	47.6	47.6	0.0	0.0%	100.0%	49.5	49.6	0.1	0.2%	100.0%	55.5	55.5	0.0	0.0%

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

August

September

Percent		48 E D			Percent		411 II B			Percent					Percent				
Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative
Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability		Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	67.6	67.7	0.0	0.1%	0.0%	69.7	69.4	-0.3	-0.4%	0.0%	71.7	70.8	-0.9	-1.2%	0.0%	68.7	68.3	-0.4	-0.6%
1.2%	67.6	67.5	0.0	0.0%	1.2%	69.6	68.7	-0.9	-1.3%	1.2%	71.5	68.8	-2.7	-3.7%	1.2%	68.5	68.0	-0.5	-0.7%
2.5%	66.7	66.6	-0.1	-0.1%	2.5%	68.7	68.6	-0.1	-0.1%	2.5%	69.9	68.4	-1.5	-2.2%	2.5%	68.3	68.0	-0.3	-0.5%
3.7%	66.6	66.4	-0.2	-0.3%	3.7%	68.5	68.2	-0.3	-0.4%	3.7%	69.7	68.2	-1.5	-2.2%	3.7%	68.2	67.6	-0.6	-0.9%
4.9%	66.4	66.4	0.0	-0.1%	4.9%	68.1	68.1	0.0	0.1%	4.9%	69.3	68.1	-1.2	-1.8%	4.9%	67.8	67.0	-0.9	-1.3%
6.2%	66.4	66.2	-0.2	-0.3%	6.2%	67.9	68.1	0.2	0.3%	6.2%	68.9	68.0	-0.9	-1.3%	6.2%	67.4	66.7	-0.7	-1.0%
7.4%	66.0	66.0	0.0	0.0%	7.4%	67.9	67.5	-0.3	-0.5%	7.4%	68.2	67.9	-0.3	-0.4%	7.4%	67.0	66.2	-0.8	-1.3%
8.6%	65.9	65.8	-0.1	-0.1%	8.6%	67.8	67.5	-0.3	-0.5%	8.6%	68.0	67.6	-0.3	-0.5%	8.6%	66.6	66.1	-0.5	-0.8%
9.9%	65.9	65.8	0.0	-0.1%	9.9%	67.7	67.3	-0.4	-0.6%	9.9%	68.0	67.6	-0.4	-0.6%	9.9%	66.3	66.0	-0.3	-0.4%
11.1% 12.3%	65.8 65.7	65.7 65.7	-0.1 -0.1	-0.1% -0.1%	11.1% 12.3%	67.6 67.6	67.2 67.1	-0.5 -0.5	-0.7%	11.1% 12.3%	68.0 67.9	67.5 67.3	-0.5 -0.5	-0.7% -0.8%	11.1% 12.3%	66.3 66.1	65.8 65.6	-0.5 -0.6	-0.8% -0.8%
13.6%	65.5	65.6	0.1	0.2%	13.6%	67.6	66.9	-0.6	-0.9%	13.6%	67.8	67.2	-0.7	-1.0%	13.6%	66.0	65.5	-0.5	-0.8%
14.8%	65.4 65.3	65.3	-0.1 0.0	-0.1%	14.8%	67.5	66.9	-0.6	-0.9%	14.8% 16.0%	67.7	67.1	-0.6	-0.9%	14.8%	66.0	65.5	-0.5 -0.2	-0.8%
16.0% 17.3%	65.2	65.3 65.0	-0.2	-0.3%	16.0% 17.3%	67.1 67.1	66.8 66.8	-0.4 -0.3	-0.5% -0.5%	16.0%	67.3 67.3	67.0 66.8	-0.2 -0.4	-0.4% -0.7%	16.0% 17.3%	65.7 65.4	65.5 65.2	-0.2	-0.3% -0.3%
18.5%	65.2	64.9	-0.3	-0.4%	18.5%	67.0	66.8	-0.3	-0.4%	18.5%	67.2	66.7	-0.4	-0.6%	18.5%	65.3	65.0	-0.2	-0.4%
19.8%	65.1	64.9	-0.3	-0.4%	19.8%	67.0	66.7	-0.3	-0.4%	19.8%	67.1	66.7	-0.4	-0.7%	19.8%	65.2	65.0	-0.2	-0.4%
21.0%	65.1	64.9	-0.2	-0.4%	21.0%	66.8	66.7	-0.1	-0.2%	21.0%	67.0	66.7	-0.4	-0.5%	21.0%	65.1	64.9	-0.2	-0.3%
22.2%	65.1	64.9	-0.2	-0.4%	22.2%	66.7	66.7	0.0	0.0%	22.2%	67.0	66.6	-0.4	-0.6%	22.2%	65.0	64.8	-0.2	-0.4%
23.5%	65.1	64.8	-0.2	-0.4%	23.5%	66.7	66.4	-0.3	-0.4%	23.5%	66.6	66.6	0.0	0.0%	23.5%	65.0	64.7	-0.3	-0.5%
24.7%	65.1	64.8	-0.2	-0.4%	24.7%	66.7	66.4	-0.3	-0.4%	24.7%	66.5	66.6	0.1	0.1%	24.7%	64.9	64.6	-0.4	-0.5%
25.9%	64.9	64.8	-0.1	-0.2%	25.9%	66.7	66.3	-0.3	-0.5%	25.9%	66.4	66.5	0.1	0.1%	25.9%	64.8	64.5	-0.3	-0.4%
27.2%	64.9	64.8	-0.2	-0.2%	27.2%	66.4	66.3	-0.2	-0.2%	27.2%	66.4	66.5	0.1	0.1%	27.2%	64.8	64.4	-0.3	-0.5%
28.4%	64.9	64.7	-0.2	-0.2%	28.4%	66.4	66.2	-0.2	-0.3%	28.4%	66.3	66.4	0.1	0.1%	28.4%	64.8	64.3	-0.4	-0.7%
29.6%	64.9	64.7	-0.2	-0.3%	29.6%	66.4	66.2	-0.2	-0.4%	29.6%	66.3	66.4	0.1	0.1%	29.6%	64.7	64.3	-0.4	-0.7%
30.9%	64.9	64.5	-0.4	-0.6%	30.9%	66.4	66.1	-0.2	-0.5%	30.9%	66.3	66.3	0.0	0.0%	30.9%	64.6	64.2	-0.3	-0.5%
32.1%	64.6	64.4	-0.2	-0.4%	32.1%	66.4	66.1	-0.3	-0.5%	32.1%	66.2	66.3	0.1	0.1%	32.1%	64.5	64.2	-0.3	-0.5%
33.3%	64.6	64.3	-0.2	-0.4%	33.3%	66.3	66.0	-0.4	-0.6%	33.3%	66.2	66.2	0.0	0.1%	33.3%	64.4	64.2	-0.2	-0.4%
34.6%	64.5	64.3	-0.2	-0.3%	34.6%	66.2	66.0	-0.4	-0.3%	34.6%	66.1	66.2	0.1	0.1%	34.6%	64.4	64.2	-0.2	-0.3%
35.8%	64.5	64.3	-0.2	-0.4%	35.8%	66.0	65.9	-0.1	-0.1%	35.8%	66.1	66.2	0.1	0.1%	35.8%	64.3	64.2	-0.1	-0.2%
37.0%	64.4	64.3	-0.2	-0.3%	37.0%	65.9	65.9	0.0	0.1%	37.0%	66.1	66.1	0.1	0.1%	37.0%	64.2	64.1	-0.2	-0.3%
38.3%	64.4	64.2	-0.2	-0.3%	38.3%	65.9	65.9	0.0	0.0%	38.3%	66.0	66.1	0.1	0.2%	38.3%	64.0	63.9	-0.1	-0.1%
39.5%	64.4	64.2	-0.2	-0.3%	39.5%	65.9	65.7	-0.2	-0.2%	39.5%	65.9	66.0	0.1	0.1%	39.5%	64.0	63.9	-0.1	-0.2%
40.7%	64.3	64.2	-0.1	-0.1%	40.7%	65.8	65.7	-0.1	-0.2%	40.7%	65.9	66.0	0.1	0.2%	40.7%	63.9	63.8	-0.1	-0.2%
42.0%	64.2	64.1	-0.1	-0.1%	42.0%	65.7	65.6	-0.1	-0.2%	42.0%	65.8	66.0	0.2	0.3%	42.0%	63.8	63.5	-0.3	-0.5%
43.2%	64.2	64.1	-0.1	-0.2%	43.2%	65.6	65.5	-0.1	-0.2%	43.2%	65.8	65.9	0.1	0.2%	43.2%	63.7	63.4	-0.3	-0.5%
44.4%	64.2	64.0	-0.1	-0.2%	44.4%	65.5	65.4	0.0	-0.1%	44.4%	65.8	65.9	0.1	0.1%	44.4%	63.6	63.4	-0.3	-0.4%
45.7%	64.2	64.0	-0.1	-0.2%	45.7%	65.5	65.3	-0.1	-0.2%	45.7%	65.7	65.9	0.2	0.3%	45.7%	63.5	63.3	-0.2	-0.2%
46.9%	64.1	64.0	-0.2	-0.3%	46.9%	65.4	65.3	-0.1	-0.1%	46.9%	65.6	65.8	0.3	0.4%	46.9%	63.5	63.3	-0.2	-0.3%
48.1%	64.0	64.0	0.0	0.0%	48.1%	65.4	65.3	-0.1	-0.1%	48.1%	65.5	65.7	0.2	0.2%	48.1%	63.4	63.2	-0.2	-0.3%
49.4%	64.0	63.9	0.0	0.0%	49.4%	65.3	65.3	0.0	0.0%	49.4%	65.5	65.7	0.2	0.2%	49.4%	63.4	63.2	-0.2	-0.3%
50.6%	63.9	63.9	0.0	0.1%	50.6%	65.3	65.2	0.0	-0.1%	50.6%	65.5	65.6	0.2	0.3%	50.6%	63.3	63.2	-0.1	-0.2%
51.9%	63.9	63.9	0.0	0.1%	51.9%	65.3	65.2	-0.1	-0.1%	51.9%	65.4	65.6	0.2	0.3%	51.9%	63.2	63.1	-0.1	-0.1%
53.1%	63.8	63.9	0.1	0.1%	53.1%	65.3	65.2	-0.1	-0.1%	53.1%	65.4	65.6	0.2	0.3%	53.1%	63.2	63.0	-0.1	-0.2%
54.3%	63.7	63.8	0.1	0.1%	54.3%	65.2	65.2	0.0	-0.1%	54.3%	65.4	65.6	0.2	0.3%	54.3%	63.0	63.0	0.0	0.0%
55.6%	63.7	63.8	0.1	0.1%	55.6%	65.2	65.1	-0.1	-0.1%	55.6%	65.4	65.6	0.2	0.3%	55.6%	62.9	63.0	0.1	0.2%
56.8%	63.6	63.8	0.2	0.3%	56.8%	65.1	65.0	-0.1	-0.2%	56.8%	65.3	65.5	0.2	0.3%	56.8%	62.8	63.0	0.1	0.2%
58.0%	63.5	63.8	0.3	0.4%	58.0%	65.1	65.0	-0.1	-0.2%	58.0%	65.3	65.4	0.1	0.2%	58.0%	62.8	63.0	0.2	0.3%
59.3%	63.4	63.7	0.3	0.5%	59.3%	65.1	65.0	-0.1	-0.2%	59.3%	65.3	65.4	0.1	0.2%	59.3%	62.8	63.0	0.2	0.3%
60.5%	63.4	63.6	0.2	0.4%	60.5%	65.0	64.9	-0.1	-0.2%	60.5%	65.2	65.4	0.2	0.3%	60.5%	62.5	62.9	0.4	0.7%
61.7%	63.3	63.6	0.2	0.4%	61.7%	65.0	64.8	-0.2	-0.2%	61.7%	65.2	65.4	0.2	0.3%	61.7%	62.5	62.9	0.4	0.7%
63.0%	63.3	63.5	0.2	0.3%	63.0%	64.9	64.8	-0.1	-0.1%	63.0%	65.2	65.2	0.1	0.1%	63.0%	62.4	62.9	0.5	0.9%
64.2%	63.3	63.5	0.2	0.4%	64.2%	64.9	64.8	-0.1	-0.1%	64.2%	65.1	65.2	0.0	0.1%	64.2%	62.3	62.7	0.3	0.5%
65.4%	63.2	63.5 63.4	0.2	0.4%	65.4%	64.8 64.7	64.8 64.7	-0.1	-0.1%	65.4%	65.1	65.1	0.0	0.0%	65.4%	62.3	62.5 62.3	0.2	0.3%
66.7% 67.9%	63.2 63.1	63.4 63.4	0.3 0.3	0.4%	66.7% 67.9%	64.7 64.6	64.7 64.7	0.0	0.1% 0.2%	66.7% 67.9%	65.0	65.1	0.1 0.1	0.2% 0.1%	66.7% 67.9%	62.3 62.2	62.3 62.2	0.0	0.1%
69.1%	63.1	63.4	0.3	0.4%	67.9%	64.5	64.6	0.1	0.2%	69.1%	65.0 65.0	65.1 65.1	0.1	0.1%	67.9%	62.2	62.2	0.0	0.0%
70.4%	63.1	63.3	0.2	0.4%	70.4%	64.5	64.b	-0.1	-0.2%	70.4%	64.9	65.0	0.1	0.1%	70.4%	61.8	61.9	0.0	0.1%
70.4%	63.0	63.2	0.1	0.2%	70.4%	64.5	64.3	-0.1	-0.2%	71.6%	64.8	65.0	0.2	0.4%	70.4%	61.6	61.8	0.1	0.4%
71.6%	63.0	63.2	0.2	0.4%	71.6%	64.5	64.3	-0.2	-0.3%	71.6%	64.4	65.0	0.2	0.4%	71.6%	61.6	61.7	0.2	0.4%
74.1%	63.0	63.2	0.3	0.4%	74.1%	64.4	64.2	-0.1	-0.4%	74.1%	64.4	64.9	0.5	0.8%	74.1%	61.6	61.7	0.1	0.2%
75.3%	62.9	63.1	0.3	0.4%	75.3%	64.3	64.2	-0.3	-0.4%	75.3%	64.3	64.8	0.5	0.8%	75.3%	61.5	61.5	0.0	0.0%
76.5%	62.9	63.1	0.2	0.3%	76.5%	64.3	64.1	-0.1	-0.2%	76.5%	64.3	64.8	0.5	0.8%	76.5%	61.4	61.5	0.0	0.1%
77.8%	62.9	63.0	0.0	0.1%	77.8%	64.2	64.1	-0.2	-0.2%	77.8%	64.3	64.7	0.4	0.6%	77.8%	61.2	61.4	0.1	0.1%
79.0%	62.9	62.9	0.1	0.1%	79.0%	64.2	64.0	-0.2	-0.2%	79.0%	64.3	64.6	0.4	0.5%	79.0%	61.2	61.3	0.1	0.2%
80.2%	62.8	62.9	0.1	0.1%	80.2%	64.1	64.0	-0.2	-0.2%	80.2%	64.3	64.6	0.3	0.5%	80.2%	61.2	61.2	0.0	0.0%
81.5%	62.8	62.9	0.1	0.1%	81.5%	63.9	63.9	0.0	0.0%	81.5%	64.2	64.6	0.3	0.6%	81.5%	61.0	61.1	0.0	0.0%
82.7%	62.7	62.9	0.2	0.3%	82.7%	63.9	63.9	0.0	-0.1%	82.7%	64.2	64.4	0.3	0.4%	82.7%	61.0	61.1	0.1	0.1%
84.0%	62.6	62.8	0.2	0.3%	84.0%	63.9	63.7	-0.2	-0.4%	84.0%	63.9	64.3	0.4	0.6%	84.0%	61.0	61.0	0.1	0.1%
85.2%	62.6	62.7	0.1	0.2%	85.2%	63.9	63.5	-0.2	-0.5%	85.2%	63.9	64.1	0.2	0.3%	85.2%	60.9	61.0	0.1	0.1%
86.4%	62.5	62.7	0.2	0.3%	86.4%	63.7	63.5	-0.2	-0.4%	86.4%	63.9	64.1	0.3	0.4%	86.4%	60.9	60.8	-0.1	-0.1%
87.7%	62.5	62.6	0.1	0.2%	87.7%	63.7	63.4	-0.2	-0.5%	87.7%	63.7	64.1	0.5	0.7%	87.7%	60.8	60.8	0.0	0.0%
88.9%	62.4	62.6	0.1	0.2%	88.9%	63.4	63.3	-0.1	-0.2%	88.9%	63.6	63.9	0.3	0.4%	88.9%	60.7	60.7	0.1	0.1%
90.1%	62.4	62.5	0.0	0.1%	90.1%	63.3	63.2	-0.1	-0.2%	90.1%	63.5	63.8	0.2	0.4%	90.1%	60.6	60.5	-0.1	-0.2%
91.4%	62.4	62.3	-0.1	-0.1%	91.4%	63.3	63.0	-0.2	-0.4%	91.4%	63.5	63.6	0.1	0.2%	91.4%	60.5	60.5	0.0	-0.1%
92.6%	62.2	62.0	-0.2	-0.2%	92.6%	63.2	63.0	-0.2	-0.3%	92.6%	63.4	63.5	0.1	0.2%	92.6%	60.4	60.4	0.0	-0.1%
93.8%	62.0	61.9	-0.2	-0.3%	93.8%	63.1	63.0	-0.2	-0.3%	93.8%	63.2	63.5	0.3	0.4%	93.8%	60.3	60.4	0.0	0.0%
95.1%	62.0	61.6	-0.4	-0.7%	95.1%	63.1	62.9	-0.2	-0.4%	95.1%	63.2	63.4	0.2	0.4%	95.1%	60.0	59.9	0.0	0.0%
96.3%	61.6	61.5	-0.1	-0.2%	96.3%	62.7	62.8	0.1	0.1%	96.3%	63.2	63.4	0.2	0.3%	96.3%	59.7	59.6	-0.1	-0.1%
97.5%	61.5	61.5	0.0	0.0%	97.5%	62.7	62.7	0.1	0.1%	97.5%	63.1	63.2	0.0	0.1%	97.5%	59.2	59.6	0.4	0.7%
98.8%	61.5	61.0	-0.4	-0.7%	98.8%	62.4	62.4	0.0	0.0%	98.8%	63.0	63.0	0.0	0.0%	98.8%	59.0	59.0	0.1	0.1%
100.0%	60.6	60.7	0.2	0.3%	100.0%	62.0	61.7	-0.3	-0.6%	100.0%	62.8	62.7	-0.1	-0.2%	100.0%	59.0	58.5	-0.4	-0.7%

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

						thly Temp	erature (DI	FG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Mav	Jun	Jul	Aua	Sep
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	58.3	51.1	45.2	44.4	47.2	51.9	57.7	63.7	67.6	70.3	70.1	65.7
Alternative B	58.1	51.1	45.2	44.4	47.2	52.0	57.9	63.9	67.4	69.7	69.8	65.4
Difference	-0.1	0.0	0.0	0.1	0.0	0.2	0.2	0.2	-0.2	-0.6	-0.3	-0.3
Percent Difference ³	-0.2%	-0.1%	0.1%	0.2%	0.1%	0.4%	0.4%	0.3%	-0.3%	-0.9%	-0.4%	-0.4%
				Water Y	ear Types	2						
Wet (32%)												
No Action Alternative	57.6	51.3	45.2	44.7	46.8	50.6	55.4	62.5	67.1	70.7	70.0	63.5
Alternative B	57.5	51.3	45.3	44.7	46.8	50.7	55.6	62.6	66.8	70.2	70.1	63.3
Difference	-0.1	0.0	0.1	0.0	0.0	0.2	0.1	0.1	-0.3	-0.5	0.1	-0.1
Percent Difference	-0.2%	-0.1%	0.2%	0.0%	0.1%	0.3%	0.3%	0.2%	-0.5%	-0.8%	0.2%	-0.2%
Above Normal (15%)		,		,	,		,	,				
No Action Alternative	58.0	50.7	45.5	44.8	47.0	51.7	57.6	64.4	67.9	69.8	70.1	65.4
Allemative B	57.9	50.7	45.6	44.8	47.1	51.9	57.8	64.5	67.8	68.9	69.8	65.4
Difference	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.1	-0.1	-0.9	-0.2	0.0
Percent Difference	0.0%	0.1%	0.2%	0.1%	0.1%	0.5%	0.5%	0.2%	-0.2%	-1.3%	-0.4%	0.0%
Below Normal (17%)												
No Action Alternative	57.7	51.0	45.3	44.2	46.7	51.9	58.6	64.2	67.7	70.1	69.8	66.5
Alternative B	57.5	51.0	45.3	44.2	46.7	52.2	58.9	64.4	67.5	69.4	69.6	66.0
Difference	-0.2	0.0	0.0	0.1	0.0	0.3	0.3	0.2	-0.1	-0.7	-0.2	-0.4
Percent Difference	-0.4%	0.0%	0.0%	0.1%	0.1%	0.6%	0.5%	0.3%	-0.2%	-1.0%	-0.3%	-0.6%
Dry (22%)												
No Action Alternative	58.6	51.4	45.2	44.0	47.4	52.6	59.4	64.2	68.2	69.9	69.7	67.0
Alternative B	58.5	51.4	45.2	44.1	47.5	52.8	59.7	64.3	68.0	69.3	69.2	66.6
Difference	0.0	-0.1	0.0	0.2	0.0	0.2	0.3	0.1	-0.1	-0.6	-0.5	-0.4
Percent Difference	-0.1%	-0.1%	-0.1%	0.4%	0.1%	0.3%	0.5%	0.2%	-0.2%	-0.9%	-0.7%	-0.6%
Critical (15%)												
No Action Alternative	60.1	50.9	44.7	44.1	48.4	53.6	59.3	64.4	67.5	70.7	71.1	67.8
Alternative B	59.9	50.8	44.7	44.2	48.5	53.7	59.5	64.8	67.2	70.3	70.1	67.4
Difference	-0.2	-0.1	0.0	0.1	0.0	0.1	0.3	0.3	-0.3	-0.4	-0.9	-0.4
Percent Difference	-0.3%	-0.3%	0.0%	0.2%	0.1%	0.2%	0.4%	0.5%	-0.4%	-0.5%	-1.3%	-0.69

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



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

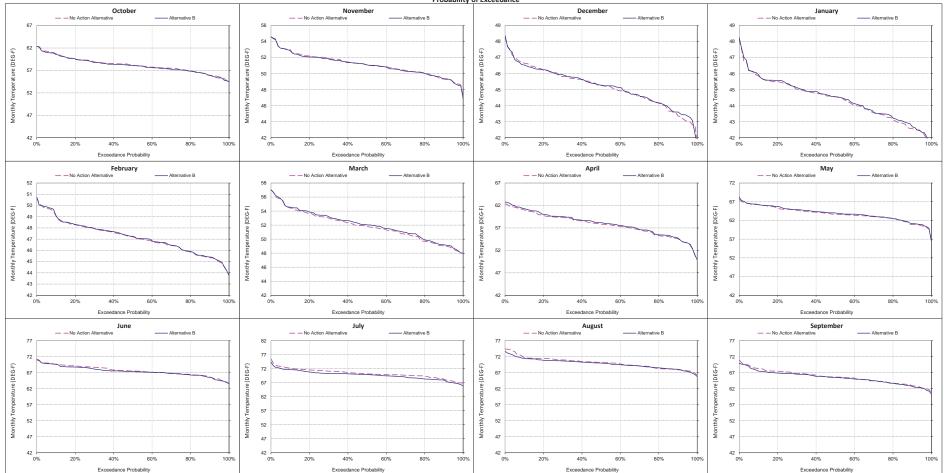


Table SQ-11-5b Sacramento River at Knights Landing, Monthly Temperature Probability of Exceedance

Processor Proc	-									Probability	of Exceedance	iperature								
Column C	Percent		October			Percent		November			Percent		December			Percent		January		
	Exceedance					Exceedance					Exceedance					Exceedance				
The column The					Difference (%)					Difference (%)					Difference (%)					Difference (%)
1	(%)				0.0%	(%)				0.0%	(%)	(DEG-F)			0.2%	(%)				0.2%
Section Color Co	1.2%					1.2%					1.2%					1.2%				0.1%
Apr. Col.						2.5%					2.5%				-0.2%					
Column																				
Accordance Acc																				
100																				
11																				
10																				
140																				
10.00 10.0														-0.1						
175																				
18	17.3%	59.8		-0.1	-0.1%	17.3%			-0.1	-0.1%	17.3%	46.3	46.3	0.0	-0.1%	17.3%	45.5	45.6	0.1	0.2%
1																				
22 22 24 25 25 25 25 25				0.2																
Section Sect	22.2%	59.4	59.3	-0.1	-0.1%	22.2%	52.1	52.1	0.0	0.0%	22.2%	46.2	46.2	0.0	0.0%	22.2%	45.4	45.6	0.1	0.3%
15 15 15 15 15 15 15 15											23.5%									
Page	24.7%			-0.1		24.7%				-0.1% -0.1%	24.7%			-0.1		24.7%			-0.1	
28-86	27.2%	59.2	59.1	-0.1	-0.2%	27.2%	52.0	51.9	-0.2	-0.3%	27.2%	46.0	46.0	-0.1	-0.1%	27.2%	45.2	45.2	0.0	0.0%
100 100	28.4%			-0.2	-0.4%	28.4%			-0.2	-0.3%	28.4%	45.8	46.0	0.1	0.3%	28.4%	45.2	45.2	0.0	0.1%
22.15 50.5 50.7 50.0 50.7 50.0 50.7 50.1 50.7 50.1 50.7 50.1 50.7 50.1 50.7 50.1 50.7 50.8																				
1.336 588 58			58.7			32.1%					32.1%	45.8							0.0	
\$855. \$956	33.3%		58.6	-0.1		33.3%				-0.2%	33.3%	45.7				33.3%			0.1	
1705 506 504 4-22 4-076 3705 515 515 515 500 6076 3705 543 545 3705 544 542 3705 545 500 6076 3705 545																				
28.50 56.6 56.4 0.2 0.256 38.206 57.8 57.5 0.0 0.006 38.206 44.7 44.7 44.8 44.8 0.1 0.256 42.7 42.7 42.7 42.7 43.8 0.1 0.256 42.7 42.7 42.7 43.8 0.1 0.256 42.7 42.7 43.8 0.1 0.256 42.7 42.7 43.8 0.1 0.256 42.7 42.7 43.8 0.1 0.256 42.7 42.7 43.8 0.1 0.256 42.7 42.7 43.8 0.1 0.256 42.7 42.7 43.8 0.1 0.256 42.7 42.7 43.8 0.1 0.256 42.7 42.7 43.8 0.1 0.256 42.7 43.8 0.1 0.256 42.7 43.8 0.256 42.7 43.8 0.256 42.7 43.8 0.256 42.7 43.8 0.256 42.7 43.8 0.256 42.7 43.8 0.256 42.7 43.8 0.256 42.7 43.8 0.256 42.7 43.8 0.256 42.7 43.8 0.256 42.7 43.8 0.256 42.7 43.8 0.256 42.7 43.8 0.256 42.7 43.8 0.256 42.7 43.8 0.256 42.7 43.8 0.256 42.7 43.8 0.256 42.7 43.8 0.256 42.7 43.8 0.256 42.7 42.7 42.7 42.7 42.7 42.7 42.7 42.7 42.7 42.7																				
A07% 58.5 58.4 -0.1 -0.2%				-0.2		38.3%			0.0	0.0%	38.3%								0.1	
4277, 45.5 56.4 0.1 0.7% 427, 44.6 0.1 0.7% 427, 44.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0																				
\$2.5% \$9.5 \$9.5 \$9.5 \$9.5 \$9.5 \$9.5 \$9.5 \$9.5						40.7%										40.7%			0.1	
467% 984 982 02 0.3% 467% 912 913 0.0 0.1% 467% 486 464 0.0 0.0% 467% 446 446 0.0 0.0% 467% 467% 468 467% 468 467% 468 467% 468 467% 468 467% 468 467% 468 467% 468 467% 468 467% 468 467% 468 467% 468 467% 468 467% 468 467% 468 467% 468 467% 468 467% 468 468 468 468 468 468 468 468 468 468				-0.1						0.0%									0.0	
## ## ## ## ## ## ## ## ## ## ## ## ##										0.0%										
## 61%																				
40 55.3 58.1 0.2 0.3% 49.6 51.1 51.1 0.0 0.0% 49.4 45.3 45.3 0.0 0.1% 49.6 44.6 44.6 0.0 0.0%																				
S19% S81 S90 O.0 O.0 O.1% S19% S10 S10 O.0 O.0% S19% 452 452 O.0 O.1% S19% 44.5 44.5 O.0 O.0% O.1% S19%	49.4%			-0.2	-0.3%	49.4%				0.0%	49.4%			0.0	0.1%	49.4%			0.0	0.0%
\$3.1% \$3.1 \$8.0 \$0.1 \$0.1% \$4.5% \$1.0 \$1.0 \$0.0 \$0.1% \$5.31% \$4.2 \$4.2 \$0.0 \$0.1% \$5.31% \$4.45 \$4.65 \$0.0 \$0.1% \$4.5% \$4.5% \$4.0 \$4.2 \$0.0 \$0.1% \$5.5% \$4.4 \$4.5 \$0.0 \$0.1 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0																				
54.3% 57.9 58.0 0.1 0.1% 54.3% 51.0 51.0 0.0 0.1% 55.8% 50.9 51.0 0.0 0.1% 55.8% 50.9 51.0 0.0 0.1% 55.8% 50.9 51.0 0.0 0.1% 55.8% 50.9 51.0 0.0 0.1% 55.8% 50.9 51.0 0.0 0.1% 55.8% 50.9 51.0 0.0 0.1% 55.8% 50.9 51.0 0.0 0.1% 55.8% 50.9 51.0 0.0 0.1% 55.8% 50.9 51.0 0.0 0.1% 55.8% 50.9 51.0 0.0 0.1% 55.8% 50.0 51.0 0.1% 55.8% 50.0 51.0 0.1% 55.8% 50.0 51.0 0.0 0.0 0.1% 55.8% 50.0 51.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0																				
Sept	54.3%	57.9	58.0	0.1	0.1%	54.3%	51.0	51.0	0.0	0.1%	54.3%	45.2	45.2	0.0	0.1%	54.3%		44.5	0.1	0.1%
58.0% 57.9 57.7 -0.2 -0.9% 58.0% 59.9 50.9																				
99.3% 57.7 57.7 -0.1 -0.1% 59.3% 50.9 50.9 0.0 0.0 0.% 59.3% 44.9 45.1 0.2 0.4% 59.3% 44.0 44.2 0.1 0.2% 69.5% 57.7 57.6 -0.1 -0.2% 60.5% 50.9 50.8 -0.1 -0.2% 60.5% 50.9 50.8 -0.1 -0.2% 60.5% 44.0 0.0 0.1% 61.7% 44.0 44.1 0.1 0.3% 61.7% 57.6 57.6 57.6 57.6 57.6 57.6 57.6 57.6																				
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69.1% 57.5 57.3 -0.2 -0.3% 69.1% 50.4 50.4 -0.1 -0.2% 69.1% 44.6 44.7 0.1 0.2% 69.1% 43.6 43.7 0.1 0.2% 70.4% 54.6 54.5 0.0 -0.1% 71.6% 57.5 57.2 -0.3 -0.5% 71.6% 50.4 50.3 -0.1 -0.3% 71.6% 44.6 44.6 0.0 0.0% 70.4% 43.6 43.5 0.0 -0.1% 71.6% 57.5 57.1 -0.3 -0.5% 72.5% 50.3 50.2 0.0 0.0% 72.8% 44.4 44.5 0.1 0.2% 72.8% 74.5% 43.5 43.5 0.0 0.0% 74.1%	66.7%					66.7%				0.0%	66.7%				0.0%				0.0	
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86.2% 56.5 56.5 0.0 0.0% 85.2% 49.7 49.7 0.0 0.1% 85.2% 43.7 43.9 0.2 0.5% 85.2% 42.9 43.0 0.1 0.3% 86.4% 56.4 56.4 56.4 56.4 56.4 56.4 56.4 56.4	82.7%			-0.1		82.7%					82.7%	44.1				82.7%		43.1	0.1	
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$\begin{array}{cccccccccccccccccccccccccccccccccccc$											87.7%									
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96.3% 55.5 55.3 -0.1 -0.3% 96.3% 48.8 48.7 -0.1 -0.2% 96.3% 43.0 43.3 0.3 0.7% 96.3% 42.2 42.3 0.1 0.3% 97.5% 55.2 54.8 -0.4 -0.7% 97.5% 48.7 48.5 -0.2 -0.4% 97.5% 42.8 43.1 0.3 0.7% 97.5% 49.7 41.9 42.1 0.2 0.4% 98.8% 54.7 54.7 0.0 0.0% 98.8% 48.6 48.5 -0.1 -0.2% 98.8% 42.8 42.3 -0.5 -1.3% 98.8% 41.3 41.7 0.4 0.9%						93.8%				0.0%	93.8%									0.1%
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$100.0\% \qquad 54.7 \qquad 54.6 \qquad 0.0 \qquad -0.2\% \qquad 100.0\% \qquad 47.1 \qquad 46.8 \qquad -0.2 \qquad -0.5\% \qquad 100.0\% \qquad 41.5 \qquad 41.6 \qquad 0.0 \qquad 0.1\% \qquad 100.0\% \qquad 41.3 \qquad 41.3 \qquad 0.0 \qquad 0.0\% \qquad 100.0\% $	98.8%	54.7	54.7	0.0	0.0%	98.8%	48.6		-0.1	-0.2%	98.8%	42.8	42.3	-0.5	-1.3%	98.8%	41.3	41.7	0.4	0.9%
	100.0%	54.7	54.6	0.0	-0.2%	100.0%	47.1	46.8	-0.2	-0.5%	100.0%	41.5	41.6	0.0	0.1%	100.0%	41.3	41.3	0.0	0.0%

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

April

March

February

Percent		rebluary			Percent		March			Percent		Aprii			Percent		Iviay		
Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	50.7	50.7	0.0	-0.1%	0.0%	57.0	57.0	0.0	0.0%	0.0%	62.4	62.8	0.4	0.6%	0.0%	67.7	68.3	0.5	0.8%
1.2%	50.1	50.0	-0.1	-0.2%	1.2%	56.7	56.7	0.0	0.0%	1.2%	62.2	62.7	0.5	0.8%	1.2%	67.1	67.3	0.3	0.4%
2.5%	50.0	50.0	0.0	-0.1%	2.5%	56.1	56.2	0.2	0.3%	2.5%	61.8	62.5	0.6	1.0%	2.5%	66.8	67.1	0.4	0.5%
3.7%	49.8	49.9	0.1	0.2%	3.7%	55.8	56.0	0.2	0.4%	3.7%	61.7	62.1	0.4	0.6%	3.7%	66.7	66.7	0.0	0.0%
4.9%	49.8	49.9	0.1	0.2%	4.9%	55.8	55.8	0.0	-0.1%	4.9%	61.6	62.0	0.3	0.5%	4.9%	66.6	66.5	-0.1	-0.1%
6.2%	49.7	49.8	0.1	0.2%	6.2%	55.4	55.5	0.1	0.1%	6.2%	61.5	61.7	0.2	0.3%	6.2%	66.3	66.4	0.1	0.2%
7.4%	49.6	49.8	0.1	0.2%	7.4%	54.7	54.7	0.0	0.0%	7.4%	61.2	61.6	0.4	0.7%	7.4%	66.3	66.4	0.1	0.2%
8.6%	49.5	49.7	0.2	0.4%	8.6%	54.6	54.6	0.0	0.0%	8.6%	61.2	61.4	0.2	0.3%	8.6%	66.3	66.4	0.1	0.2%
9.9%	49.1	49.1	0.0	0.0%	9.9%	54.4	54.6	0.1	0.2%	9.9%	61.0	61.3	0.3	0.5%	9.9%	66.3	66.2	0.0	0.0%
11.1%	48.7	48.8	0.1	0.2%	11.1%	54.4	54.5	0.1	0.1%	11.1%	60.9	61.2	0.3	0.5%	11.1%	66.1	66.1	0.0	0.1%
12.3%	48.6	48.7	0.1	0.2%	12.3%	54.2	54.5	0.3	0.6%	12.3%	60.7	61.0	0.3	0.5%	12.3%	66.1	66.0	0.0	-0.1%
13.6%	48.5	48.5	0.0	0.0%	13.6%	54.1	54.5	0.3	0.6%	13.6%	60.7	60.9	0.2	0.3%	13.6%	66.0	66.0	0.0	-0.1%
14.8%	48.5	48.5	0.0	0.1%	14.8%	54.0	54.1	0.1	0.2%	14.8%	60.5	60.8	0.3	0.5%	14.8%	65.8	66.0	0.1	0.2%
16.0%	48.5	48.5	0.0	0.0%	16.0%	54.0	54.1	0.1	0.2%	16.0%	60.5	60.8	0.3	0.5%	16.0%	65.7	65.9	0.2	0.4%
17.3%	48.3	48.4	0.1	0.2%	17.3%	53.9	54.1	0.2	0.3%	17.3%	59.9	60.6	0.7	1.2%	17.3%	65.7	65.9	0.3	0.4%
18.5%	48.3	48.4	0.1	0.1%	18.5%	53.8	54.0	0.3	0.5%	18.5%	59.9	60.3	0.4	0.6%	18.5%	65.6	65.7	0.1	0.2%
19.8%	48.3	48.3	0.0	-0.1%	19.8%	53.6	53.9	0.2	0.4%	19.8%	59.7	60.0	0.3	0.5%	19.8%	65.3	65.7	0.4	0.7%
21.0%	48.3	48.3	0.0	-0.1%	21.0%	53.6	53.8	0.2	0.4%	21.0%	59.7	60.0	0.3	0.5%	21.0%	65.1	65.7	0.5	0.8%
22.2%	48.2	48.2	0.0	0.0%	22.2%	53.5	53.7	0.3	0.5%	22.2%	59.5	59.9	0.4	0.6%	22.2%	65.0	65.4	0.4	0.6%
23.5%	48.1	48.2	0.0	0.1%	23.5%	53.3	53.5	0.3	0.4%	23.5%	59.5	59.6	0.4	0.2%	23.5%	65.0	65.2	0.4	0.2%
	48.1			0.1%		53.2	53.4				59.5	59.6				65.0	65.1		
24.7% 25.9%	48.1 48.1	48.2 48.1	0.1	0.2%	24.7% 25.9%	53.2	53.4	0.2	0.4%	24.7% 25.9%	59.5 59.4	59.6 59.6	0.1	0.2%	24.7% 25.9%	65.0	65.1	0.1 0.1	0.2%
	48.1 48.0	48.1 48.1	0.0	0.1%		53.2	53.4	0.2	0.4%		59.4 59.4	59.6		0.4%		64.9	65.0	0.1	
27.2%	48.0 48.0				27.2%					27.2%	59.4 59.4		0.2		27.2%				0.1%
28.4%		48.0	0.0	0.1%	28.4%	53.1	53.4	0.3	0.6%	28.4%		59.6	0.2	0.3%	28.4%	64.9	64.9 64.9	0.0	0.1%
29.6%	48.0	48.0	0.0	0.0%	29.6%	53.1	53.3	0.2	0.4%	29.6%	59.4	59.5	0.2	0.3%	29.6%	64.7		0.1	0.2%
30.9%	47.9	47.9	0.0	0.0%	30.9%	52.9	53.1	0.2	0.3%	30.9%	59.3	59.5	0.2	0.3%	30.9%	64.7	64.9	0.2	0.3%
32.1%	47.8	47.9	0.0	0.1%	32.1%	52.9	53.0	0.1	0.2%	32.1%	59.3	59.4	0.1	0.2%	32.1%	64.5	64.8	0.3	0.5%
33.3%	47.8	47.9	0.1	0.2%	33.3%	52.7	53.0	0.2	0.4%	33.3%	59.2	59.4	0.2	0.4%	33.3%	64.5	64.7	0.3	0.4%
34.6%	47.8	47.8	0.1	0.1%	34.6%	52.7	52.8	0.2	0.3%	34.6%	59.1	59.4	0.2	0.4%	34.6%	64.4	64.7	0.3	0.4%
35.8%	47.7	47.8	0.1	0.1%	35.8%	52.7	52.8	0.1	0.2%	35.8%	58.7	58.9	0.1	0.2%	35.8%	64.4	64.7	0.3	0.5%
37.0%	47.7	47.8	0.1	0.1%	37.0%	52.6	52.7	0.1	0.2%	37.0%	58.7	58.8	0.2	0.3%	37.0%	64.3	64.6	0.3	0.4%
38.3%	47.7	47.7	0.0	0.1%	38.3%	52.5	52.7	0.2	0.4%	38.3%	58.6	58.8	0.2	0.3%	38.3%	64.3	64.5	0.2	0.4%
39.5%	47.7	47.7	0.0	0.1%	39.5%	52.3	52.6	0.3	0.6%	39.5%	58.6	58.8	0.2	0.3%	39.5%	64.2	64.4	0.2	0.2%
40.7%	47.6	47.6	0.1	0.2%	40.7%	52.3	52.6	0.3	0.6%	40.7%	58.5	58.7	0.1	0.2%	40.7%	64.1	64.4	0.2	0.3%
42.0%	47.5	47.6	0.1	0.2%	42.0%	52.3	52.5	0.3	0.5%	42.0%	58.4	58.7	0.2	0.4%	42.0%	64.1	64.3	0.2	0.2%
43.2%	47.5	47.5	0.1	0.2%	43.2%	52.0	52.4	0.4	0.7%	43.2%	58.2	58.7	0.4	0.7%	43.2%	64.1	64.3	0.2	0.3%
44.4%	47.5	47.5	0.0	0.0%	44.4%	52.0	52.4	0.4	0.8%	44.4%	58.1	58.6	0.4	0.8%	44.4%	64.0	64.2	0.2	0.4%
45.7%	47.4	47.4	0.0	-0.1%	45.7%	52.0	52.2	0.3	0.5%	45.7%	58.1	58.4	0.3	0.6%	45.7%	63.9	64.1	0.2	0.3%
46.9%	47.3	47.4	0.1	0.1%	46.9%	52.0	52.1	0.1	0.3%	46.9%	58.1	58.3	0.2	0.4%	46.9%	63.8	64.1	0.2	0.3%
48.1%	47.3	47.3	0.0	0.0%	48.1%	51.9	52.1	0.2	0.3%	48.1%	58.0	58.2	0.2	0.4%	48.1%	63.7	64.0	0.3	0.5%
49.4%	47.2	47.3	0.0	0.1%	49.4%	51.9	52.1	0.2	0.4%	49.4%	57.8	58.2	0.3	0.6%	49.4%	63.7	64.0	0.4	0.6%
50.6%	47.2	47.2	0.1	0.1%	50.6%	51.8	52.0	0.3	0.5%	50.6%	57.8	58.2	0.3	0.6%	50.6%	63.6	64.0	0.3	0.5%
51.9%	47.2	47.1	-0.1	-0.2%	51.9%	51.7	52.0	0.3	0.6%	51.9%	57.8	58.0	0.2	0.3%	51.9%	63.6	63.9	0.3	0.5%
53.1%	47.0	47.1	0.0	0.1%	53.1%	51.7	52.0	0.3	0.5%	53.1%	57.8	58.0	0.2	0.3%	53.1%	63.6	63.9	0.3	0.5%
54.3%	47.0	47.0	0.1	0.1%	54.3%	51.7	51.9	0.3	0.5%	54.3%	57.7	57.9	0.2	0.3%	54.3%	63.6	63.7	0.1	0.2%
55.6%	47.0	47.0	0.1	0.1%	55.6%	51.6	51.8	0.3	0.5%	55.6%	57.6	57.9	0.3	0.5%	55.6%	63.5	63.7	0.2	0.3%
56.8%	46.9	47.0	0.1	0.3%	56.8%	51.5	51.8	0.3	0.7%	56.8%	57.5	57.8	0.3	0.5%	56.8%	63.5	63.7	0.2	0.3%
58.0%	46.9	47.0	0.1	0.3%	58.0%	51.4	51.6	0.2	0.3%	58.0%	57.4	57.7	0.3	0.6%	58.0%	63.5	63.7	0.2	0.4%
59.3%	46.9	47.0	0.1	0.2%	59.3%	51.4	51.6	0.1	0.3%	59.3%	57.4	57.5	0.2	0.3%	59.3%	63.4	63.7	0.3	0.4%
60.5%	46.7	46.8	0.1	0.1%	60.5%	51.3	51.5	0.2	0.5%	60.5%	57.3	57.5	0.2	0.4%	60.5%	63.4	63.7	0.3	0.4%
61.7%	46.7	46.8	0.1	0.1%	61.7%	51.2	51.5	0.2	0.5%	61.7%	57.2	57.5	0.3	0.5%	61.7%	63.3	63.6	0.3	0.6%
63.0%	46.7	46.8	0.1	0.2%	63.0%	51.2	51.4	0.2	0.4%	63.0%	57.1	57.3	0.1	0.2%	63.0%	63.3	63.5	0.3	0.4%
64.2%	46.7	46.7	0.1	0.1%	64.2%	51.2	51.3	0.1	0.2%	64.2%	57.0	57.2	0.2	0.4%	64.2%	63.3	63.5	0.2	0.4%
65.4%	46.7	46.7	0.1	0.1%	65.4%	51.2	51.2	0.0	0.1%	65.4%	57.0	57.2	0.2	0.4%	65.4%	63.2	63.5	0.2	0.3%
66.7%	46.6	46.7	0.1	0.2%	66.7%	51.0	51.2	0.2	0.4%	66.7%	56.8	57.2	0.3	0.6%	66.7%	63.2	63.4	0.1	0.2%
67.9%	46.5	46.6	0.1	0.2%	67.9%	50.8	51.1	0.3	0.6%	67.9%	56.8	57.0	0.2	0.4%	67.9%	63.2	63.1	-0.1	-0.1%
69.1%	46.5	46.5	0.0	0.1%	69.1%	50.7	51.0	0.3	0.5%	69.1%	56.7	56.8	0.1	0.2%	69.1%	63.2	63.1	-0.1	-0.2%
70.4%	46.4	46.5	0.0	0.1%	70.4%	50.7	51.0	0.3	0.6%	70.4%	56.5	56.6	0.0	0.1%	70.4%	63.1	63.0	-0.1	-0.1%
71.6%	46.4	46.4	0.0	0.0%	71.6%	50.7	50.8	0.1	0.3%	71.6%	56.4	56.5	0.2	0.3%	71.6%	63.0	63.0	-0.1	-0.1%
72.8%	46.3	46.4	0.0	0.1%	72.8%	50.5	50.8	0.3	0.5%	72.8%	56.3	56.5	0.2	0.4%	72.8%	63.0	63.0	0.0	0.0%
74.1%	46.3	46.3	0.0	0.0%	74.1%	50.4	50.8	0.4	0.7%	74.1%	56.3	56.5	0.2	0.4%	74.1%	62.8	62.9	0.1	0.2%
75.3%	46.1	46.1	0.0	0.0%	75.3%	50.4	50.8	0.4	0.8%	75.3%	56.2	56.3	0.2	0.2%	75.3%	62.8	62.9	0.1	0.2%
76.5%	46.0	46.0	0.0	0.0%	76.5%	50.4	50.5	0.4	0.3%	76.5%	56.0	56.2	0.1	0.5%	76.5%	62.7	62.7	0.1	0.1%
77.8%	45.9	45.9	0.0	0.1%	77.8%	49.9	50.3	0.1	0.7%	77.8%	55.5	55.6	0.3	0.3%	77.8%	62.7	62.7	0.1	0.1%
79.0%	45.9	45.9	0.0	0.1%	79.0%	49.7	50.0	0.3	0.6%	79.0%	55.4	55.6	0.2	0.4%	79.0%	62.6	62.6	0.0	-0.1%
80.2%	45.9 45.8	45.9 45.9	0.0	0.1%	80.2%	49.7	49.9	0.3	0.4%	80.2%	55.3	55.4	0.2	0.4%	80.2%	62.6	62.5	-0.2	-0.1%
80.2% 81.5%	45.8 45.8	45.9 45.8	0.1	0.2%	80.2% 81.5%	49.7 49.6	49.9	0.2	0.4%	80.2%	55.3 55.2	55.4 55.4	0.2	0.5%	80.2% 81.5%	62.4	62.4	0.0	0.2%
		45.8 45.7			81.5%								0.3			62.4	62.4	0.0	
82.7% 84.0%	45.6 45.6	45.7 45.6	0.1	0.1%	82.7% 84.0%	49.6 49.5	49.8 49.6	0.2	0.4%	82.7% 84.0%	55.2 55.2	55.4 55.4	0.2	0.4%	82.7% 84.0%	62.2	62.2	0.0	0.0%
						49.5 49.4	49.6 49.5			04.U% 9E 20/							62.0	0.0	
85.2%	45.5	45.6	0.1	0.2%	85.2%			0.1	0.2%	85.2%	55.1	55.4	0.3	0.5%	85.2%	61.7			0.5%
86.4%	45.5	45.5	0.1	0.1%	86.4%	49.2	49.4	0.2	0.4%	86.4%	54.9	55.2	0.3	0.5%	86.4%	61.7	61.8	0.1	0.2%
87.7%	45.4	45.5	0.0	0.1%	87.7%	49.1	49.3	0.2	0.3%	87.7%	54.8	55.0	0.2	0.4%	87.7%	61.6	61.7	0.1	0.2%
88.9%	45.4	45.4	0.0	0.0%	88.9%	49.1	49.2	0.2	0.4%	88.9%	54.7	54.9	0.2	0.4%	88.9%	60.9	61.3	0.4	0.6%
90.1%	45.3	45.4	0.1	0.2%	90.1%	49.0	49.2	0.1	0.3%	90.1%	54.5	54.7	0.1	0.3%	90.1%	60.9	61.1	0.2	0.4%
91.4%	45.3	45.4	0.0	0.1%	91.4%	49.0	49.1	0.2	0.3%	91.4%	54.2	54.2	0.0	0.0%	91.4%	60.9	61.1	0.2	0.4%
92.6%	45.3	45.2	0.0	0.0%	92.6%	48.9	49.1	0.2	0.4%	92.6%	53.9	53.9	0.0	0.0%	92.6%	60.8	61.1	0.2	0.4%
93.8%	45.1	45.1	0.1	0.1%	93.8%	48.8	49.0	0.2	0.5%	93.8%	53.8	53.8	0.0	-0.1%	93.8%	60.8	61.0	0.2	0.3%
95.1%	45.0	45.0	0.1	0.2%	95.1%	48.6	48.7	0.1	0.3%	95.1%	53.6	53.6	0.0	0.0%	95.1%	60.5	60.9	0.4	0.7%
96.3%	44.9	44.9	0.1	0.1%	96.3%	48.4	48.6	0.2	0.4%	96.3%	53.1	53.4	0.2	0.4%	96.3%	60.4	60.6	0.2	0.3%
97.5%	44.5	44.5	0.0	0.0%	97.5%	48.3	48.3	0.1	0.1%	97.5%	52.3	52.4	0.1	0.2%	97.5%	60.1	60.3	0.2	0.4%
98.8%	44.2	44.2	0.0	-0.1%	98.8%	48.0	48.0	0.0	0.0%	98.8%	50.9	51.0	0.0	0.1%	98.8%	59.7	59.9	0.2	0.3%
100.0%	43.8	43.8	0.0	0.0%	100.0%	48.0	48.0	0.0	0.0%	100.0%	49.8	49.9	0.1	0.2%	100.0%	56.5	56.5	0.0	0.0%

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

									Probability	of Exceedance									
Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative		Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative		Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative
Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)
0.0%	(DEG-F) 71.3	(DEG-F) 71.0	-0.3	-0.5%	(%) 0.0%	(DEG-F) 75.5	(DEG-F) 74.3	-1.2	-1.6%		(DEG-F) 74.4	(DEG-F) 73.6	-0.7	-1.0%		(DEG-F) 71.0	(DEG-F) 69.9	-1.0	-1.5%
1.2%	70.9	70.7	-0.2	-0.2%	1.2%	73.9	73.1	-0.9	-1.2%	1.2%	74.3	73.1	-1.2	-1.6%	1.2%	70.1	69.6	-0.5	-0.7%
2.5%	70.0	70.0	0.0	0.0%	2.5%	73.2	72.4	-0.8	-1.1%	2.5%	74.2	72.9	-1.4	-1.8%	2.5%	69.6	69.5	-0.1	-0.1%
3.7%	70.0	69.9	-0.1	-0.1%	3.7%	73.0	72.4	-0.6	-0.8%	3.7%	73.8	72.6	-1.2	-1.7%	3.7%	69.6	69.3	-0.3	-0.5%
4.9% 6.2%	70.0 70.0	69.8 69.8	-0.2 -0.2	-0.3% -0.3%	4.9% 6.2%	72.8 72.7	72.1 71.8	-0.7 -0.9	-1.0% -1.2%	4.9% 6.2%	73.6 72.7	72.2 71.9	-1.4 -0.8	-1.9% -1.0%	4.9% 6.2%	69.3 68.8	69.0 68.2	-0.3 -0.6	-0.4% -0.8%
7.4%	69.9	69.7	-0.2	-0.3%	7.4%	72.5	71.8	-0.9	-1.0%	7.4%	72.6	71.8	-0.8	-1.1%	7.4%	68.5	68.1	-0.6	-0.6%
8.6%	69.7	69.7	0.0	0.0%	8.6%	72.3	71.7	-0.6	-0.8%	8.6%	72.3	71.5	-0.7	-1.0%	8.6%	68.4	67.9	-0.6	-0.8%
9.9%	69.7	69.6	-0.1	-0.1%	9.9%	72.2	71.6	-0.5	-0.7%	9.9%	71.7	71.5	-0.3	-0.4%	9.9%	68.3	67.5	-0.8	-1.2%
11.1%	69.6 69.4	69.5 68.9	-0.1	-0.2% -0.8%	11.1% 12.3%	72.0 71.9	71.6 71.5	-0.3 -0.4	-0.5%	11.1%	71.6 71.5	71.3 71.3	-0.3	-0.4%	11.1% 12.3%	68.3 68.1	67.4 67.4	-0.9 -0.7	-1.3%
12.3% 13.6%	69.4	68.9	-0.5 -0.5	-0.7%	13.6%	71.9	71.5	-0.4	-0.6% -0.5%	12.3% 13.6%	71.5	71.3	-0.2 -0.2	-0.3% -0.3%	13.6%	67.7	67.3	-0.7	-1.1% -0.7%
14.8%	69.3	68.8	-0.5	-0.7%	14.8%	71.7	71.2	-0.5	-0.7%	14.8%	71.4	71.3	-0.2	-0.2%	14.8%	67.7	67.2	-0.5	-0.7%
16.0%	69.2	68.8	-0.4	-0.5%	16.0%	71.7	71.2	-0.5	-0.7%	16.0%	71.4	71.3	-0.2	-0.3%	16.0%	67.5	67.1	-0.5	-0.7%
17.3%	69.1	68.8	-0.4	-0.5%	17.3%	71.7	71.0	-0.7	-0.9%	17.3%	71.4	71.0	-0.4	-0.6%	17.3%	67.5	67.0	-0.5	-0.7%
18.5% 19.8%	69.1 69.1	68.8 68.7	-0.4 -0.4	-0.6% -0.6%	18.5% 19.8%	71.7 71.5	71.0 70.8	-0.7 -0.7	-1.0% -1.0%	18.5% 19.8%	71.4 71.4	71.0 70.9	-0.4 -0.5	-0.6% -0.7%	18.5% 19.8%	67.5 67.5	66.9 66.9	-0.5 -0.6	-0.8% -0.8%
21.0%	69.0	68.7	-0.3	-0.5%	21.0%	71.5	70.7	-0.7	-1.1%	21.0%	71.4	70.9	-0.5	-0.7%	21.0%	67.4	66.8	-0.6	-0.9%
22.2%	69.0	68.7	-0.3	-0.4%	22.2%	71.5	70.6	-0.8	-1.2%	22.2%	71.4	70.8	-0.6	-0.8%	22.2%	67.4	66.8	-0.6	-0.9%
23.5%	68.9	68.7	-0.2	-0.3%	23.5%	71.4	70.5	-0.9	-1.2%	23.5%	71.4	70.8	-0.6	-0.8%	23.5%	67.3	66.7	-0.6	-0.9%
24.7%	68.9	68.6	-0.3	-0.4%	24.7%	71.3	70.5	-0.9	-1.2%	24.7%	71.2	70.8	-0.5	-0.6%	24.7%	67.2	66.7	-0.5	-0.8%
25.9% 27.2%	68.8 68.8	68.5 68.4	-0.3 -0.4	-0.4% -0.6%	25.9% 27.2%	71.3 71.3	70.4 70.4	-0.9 -0.9	-1.3% -1.2%	25.9% 27.2%	71.1 71.0	70.7 70.7	-0.4 -0.3	-0.5% -0.4%	25.9% 27.2%	67.2 67.1	66.7 66.7	-0.5 -0.4	-0.8% -0.6%
28.4%	68.7	68.4	-0.4	-0.5%	28.4%	71.2	70.3	-0.9	-1.2%	28.4%	71.0	70.7	-0.3	-0.4%	28.4%	66.8	66.7	-0.2	-0.3%
29.6%	68.7	68.1	-0.6	-0.8%	29.6%	71.1	70.3	-0.8	-1.1%	29.6%	71.0	70.7	-0.3	-0.4%	29.6%	66.8	66.5	-0.3	-0.4%
30.9%	68.7	68.0	-0.7	-1.0%	30.9%	71.1	70.3	-0.8	-1.1%	30.9%	71.0	70.6	-0.3	-0.4%	30.9%	66.8	66.5	-0.3	-0.4%
32.1% 33.3%	68.6 68.6	67.9 67.9	-0.7 -0.6	-1.0% -0.9%	32.1% 33.3%	71.0 71.0	70.3 70.3	-0.7 -0.7	-1.1% -1.0%	32.1% 33.3%	70.9 70.8	70.6 70.6	-0.3 -0.3	-0.5% -0.4%	32.1% 33.3%	66.7 66.7	66.5 66.5	-0.2 -0.2	-0.4% -0.3%
33.3%	68.5	67.7	-0.8	-0.9%	33.3%	71.0	70.3	-0.7	-1.0%	33.3%	70.6	70.6	-0.3	-0.4%	33.3%	66.6	66.4	-0.2	-0.3%
35.8%	68.4	67.6	-0.8	-1.1%	35.8%	70.9	70.2	-0.7	-1.0%	35.8%	70.7	70.4	-0.2	-0.3%	35.8%	66.4	66.4	0.0	-0.1%
37.0%	68.4	67.6	-0.8	-1.1%	37.0%	70.9	70.2	-0.7	-1.0%	37.0%	70.7	70.4	-0.2	-0.3%	37.0%	66.4	66.2	-0.2	-0.3%
38.3%	67.9	67.6	-0.4	-0.6%	38.3%	70.8	70.2	-0.6	-0.8%	38.3%	70.7	70.4	-0.3	-0.4%	38.3%	66.3	66.1	-0.2	-0.3%
39.5% 40.7%	67.9 67.8	67.5 67.5	-0.3 -0.2	-0.5% -0.4%	39.5% 40.7%	70.7 70.7	70.2 70.1	-0.5 -0.6	-0.8% -0.8%	39.5% 40.7%	70.5 70.4	70.3 70.3	-0.1 -0.2	-0.2% -0.2%	39.5% 40.7%	66.3 66.0	65.9 65.9	-0.4 -0.1	-0.6% -0.2%
42.0%	67.8	67.5	-0.2	-0.4%	42.0%	70.5	70.1	-0.6	-0.6%	40.7%	70.4	70.2	-0.2	-0.2%	42.0%	65.9	65.9	-0.1	-0.2%
43.2%	67.7	67.5	-0.2	-0.3%	43.2%	70.5	70.1	-0.4	-0.6%	43.2%	70.4	70.2	-0.2	-0.3%	43.2%	65.9	65.8	0.0	-0.1%
44.4%	67.7	67.4	-0.3	-0.4%	44.4%	70.4	70.0	-0.3	-0.5%	44.4%	70.3	70.1	-0.2	-0.3%	44.4%	65.8	65.8	0.0	-0.1%
45.7%	67.7	67.4	-0.2	-0.4%	45.7%	70.3	70.0	-0.3	-0.5%	45.7%	70.3	70.1	-0.3	-0.4%	45.7%	65.8	65.7	-0.1	-0.1%
46.9% 48.1%	67.6 67.6	67.4 67.4	-0.2 -0.2	-0.3% -0.3%	46.9% 48.1%	70.3 70.2	70.0 70.0	-0.3 -0.2	-0.4% -0.3%	46.9% 48.1%	70.3 70.2	70.0 70.0	-0.2 -0.2	-0.3% -0.3%	46.9% 48.1%	65.7 65.7	65.6 65.5	-0.1 -0.2	-0.2% -0.2%
49.4%	67.5	67.4	-0.2	-0.3%	49.4%	70.2	69.9	-0.2	-0.4%	49.4%	70.2	70.0	-0.2	-0.3%	49.4%	65.6	65.5	-0.2	-0.2%
50.6%	67.5	67.3	-0.3	-0.4%	50.6%	70.1	69.8	-0.3	-0.4%	50.6%	70.2	70.0	-0.2	-0.3%	50.6%	65.6	65.5	-0.1	-0.2%
51.9%	67.5	67.2	-0.2	-0.3%	51.9%	70.1	69.8	-0.3	-0.4%	51.9%	70.1	69.9	-0.2	-0.3%	51.9%	65.6	65.5	-0.1	-0.2%
53.1% 54.3%	67.5 67.4	67.2 67.2	-0.2 -0.2	-0.3% -0.2%	53.1% 54.3%	70.1 70.0	69.8 69.7	-0.3 -0.3	-0.5% -0.4%	53.1% 54.3%	70.1 70.0	69.8 69.8	-0.3 -0.3	-0.4% -0.4%	53.1% 54.3%	65.6 65.5	65.4 65.4	-0.2 -0.1	-0.3% -0.2%
55.6%	67.3	67.2	-0.2	-0.2%	55.6%	70.0	69.6	-0.3	-0.5%	55.6%	70.0	69.6	-0.4	-0.6%	55.6%	65.5	65.2	-0.1	-0.5%
56.8%	67.2	67.2	-0.1	-0.1%	56.8%	69.9	69.6	-0.3	-0.5%	56.8%	70.0	69.6	-0.4	-0.6%	56.8%	65.4	65.2	-0.3	-0.4%
58.0%	67.2	67.2	-0.1	-0.1%	58.0%	69.9	69.5	-0.5	-0.7%	58.0%	69.9	69.6	-0.4	-0.6%	58.0%	65.4	65.1	-0.3	-0.4%
59.3%	67.1	67.1	0.0	0.0%	59.3%	69.9	69.4	-0.4	-0.6%	59.3%	69.8	69.5	-0.3	-0.4%	59.3%	65.4	65.1	-0.3	-0.4%
60.5% 61.7%	67.1 67.1	67.1 67.1	0.0	0.0%	60.5% 61.7%	69.8 69.8	69.4 69.4	-0.4 -0.5	-0.6% -0.7%	60.5% 61.7%	69.7 69.5	69.5 69.4	-0.2 -0.1	-0.3% -0.1%	60.5% 61.7%	65.1 65.0	65.0 64.9	-0.2 0.0	-0.3% -0.1%
63.0%	67.1	67.0	-0.1	-0.1%	63.0%	69.8	69.3	-0.5	-0.7%	63.0%	69.4	69.3	-0.1	-0.1%	63.0%	65.0	64.9	0.0	-0.1%
64.2%	67.0	67.0	0.0	-0.1%	64.2%	69.8	69.3	-0.5	-0.8%	64.2%	69.4	69.3	-0.1	-0.2%	64.2%	64.9	64.8	0.0	0.0%
65.4%	67.0	67.0	0.0	-0.1%	65.4%	69.8	69.2	-0.6	-0.8%	65.4%	69.4	69.2	-0.1	-0.2%	65.4%	64.8	64.8	0.0	0.0%
66.7% 67.9%	67.0 66.9	67.0 66.8	-0.1 -0.1	-0.1% -0.2%	66.7% 67.9%	69.8 69.8	69.2 69.2	-0.5 -0.5	-0.8% -0.8%	66.7% 67.9%	69.3 69.2	69.2 69.1	-0.1 -0.1	-0.2% -0.1%	66.7% 67.9%	64.5 64.5	64.8 64.7	0.3 0.2	0.4%
69.1%	66.8	66.8	-0.1	-0.1%	69.1%	69.7	69.2	-0.5	-0.8%	69.1%	69.2	69.1	0.0	0.0%	69.1%	64.4	64.7	0.2	0.1%
70.4%	66.8	66.7	-0.1	-0.2%	70.4%	69.6	68.9	-0.7	-1.0%	70.4%	69.1	69.1	0.0	0.0%	70.4%	64.4	64.5	0.1	0.1%
71.6%	66.7	66.7	0.0	0.0%	71.6%	69.6	68.7	-0.9	-1.3%	71.6%	69.0	68.9	-0.1	-0.2%	71.6%	64.3	64.4	0.1	0.2%
72.8%	66.6	66.7	0.1	0.1%	72.8%	69.6	68.7	-0.8	-1.2%	72.8%	69.0	68.9	-0.1	-0.2%	72.8%	64.3	64.3	0.0	0.0%
74.1%	66.6 66.5	66.7 66.5	0.1	0.2%	74.1%	69.5 69.4	68.7 68.7	-0.9	-1.3%	74.1%	69.0 68.9	68.8 68.8	-0.2	-0.3%	74.1%	64.3 64.3	64.2 64.0	-0.1 -0.2	-0.1%
75.3% 76.5%	66.5	66.4	0.0 -0.1	0.0%	75.3% 76.5%	69.4	68.6	-0.8 -0.9	-1.1% -1.3%	75.3% 76.5%	68.7	68.6	-0.2 -0.1	-0.2% -0.2%	75.3% 76.5%	64.0	64.0	0.0	-0.3% 0.0%
77.8%	66.5	66.4	-0.1	-0.2%	77.8%	69.4	68.5	-0.9	-1.4%	77.8%	68.4	68.6	0.1	0.2%	77.8%	63.9	63.8	-0.1	-0.1%
79.0%	66.5	66.4	-0.1	-0.2%	79.0%	69.4	68.4	-1.0	-1.4%	79.0%	68.3	68.5	0.2	0.4%	79.0%	63.8	63.7	-0.1	-0.1%
80.2%	66.4	66.3	-0.2	-0.3%	80.2%	69.3	68.3	-1.1	-1.5%	80.2%	68.2	68.5	0.3	0.4%	80.2%	63.7	63.7	0.0	0.0%
81.5% 82.7%	66.3 66.3	66.2 66.2	-0.1	-0.2% -0.1%	81.5% 82.7%	69.1 68.9	68.3 68.2	-0.9	-1.3%	81.5% 82.7%	68.2 68.2	68.4 68.4	0.2	0.3%	81.5% 82.7%	63.7 63.6	63.5 63.5	-0.2	-0.3%
84.0%	66.3	66.2	-0.1 -0.1	-0.1%	84.0%	68.9	68.2	-0.7 -0.7	-1.0% -1.0%	84.0%	68.1	68.3	0.2	0.2%	84.0%	63.5	63.3	-0.1 -0.2	-0.2% -0.2%
85.2%	66.2	66.2	0.0	0.0%	85.2%	68.9	68.0	-0.8	-1.2%	85.2%	68.1	68.2	0.1	0.1%	85.2%	63.4	63.3	-0.2	-0.2%
86.4%	66.1	65.9	-0.2	-0.3%	86.4%	68.6	68.0	-0.6	-0.9%	86.4%	68.1	68.2	0.1	0.1%	86.4%	63.4	63.1	-0.3	-0.5%
87.7%	66.0	65.9	-0.2	-0.2%	87.7%	68.5	68.0	-0.5	-0.7%	87.7%	68.1	68.1	0.0	0.0%	87.7%	63.2	63.0	-0.2	-0.4%
88.9% 90.1%	65.9 65.6	65.6 65.6	-0.3 -0.1	-0.5% -0.1%	88.9% 90.1%	68.5 68.2	68.0 67.9	-0.5 -0.2	-0.7% -0.3%	88.9% 90.1%	68.0 67.9	68.1 68.0	0.1 0.2	0.1% 0.2%	88.9% 90.1%	63.2 62.9	63.0 62.6	-0.3 -0.3	-0.4% -0.4%
90.1%	65.3	65.3	0.0	0.0%	90.1%	67.9	67.4	-0.2	-0.3%	90.1%	67.8	67.9	0.2	0.2%	90.1%	62.8	62.5	-0.3	-0.4%
92.6%	65.2	64.8	-0.4	-0.6%	92.6%	67.9	67.1	-0.7	-1.1%	92.6%	67.7	67.6	-0.2	-0.2%	92.6%	62.8	62.3	-0.5	-0.8%
93.8%	65.1	64.7	-0.4	-0.6%	93.8%	67.6	67.1	-0.5	-0.8%	93.8%	67.7	67.5	-0.2	-0.3%	93.8%	62.5	62.3	-0.2	-0.3%
95.1%	65.0	64.6	-0.4	-0.6%	95.1%	67.5	66.9	-0.6	-0.9%	95.1%	67.5	67.3	-0.2	-0.4%	95.1%	62.2	62.2	0.0	-0.1%
96.3% 97.5%	64.3 64.2	64.6 64.2	0.3	0.4%	96.3% 97.5%	67.0 66.9	66.8 66.6	-0.2 -0.4	-0.3% -0.5%	96.3% 97.5%	67.5 67.3	67.2 66.8	-0.3 -0.5	-0.5% -0.7%	96.3% 97.5%	62.1 61.9	62.0 61.4	-0.1 -0.5	-0.2% -0.8%
98.8%	64.1	63.9	-0.2	-0.3%	97.5%	66.9	66.3	-0.4	-0.5%	98.8%	66.8	66.4	-0.5	-0.7%	98.8%	61.7	61.3	-0.5	-0.8%
100.0%	63.5	63.5	0.0	0.0%	100.0%	66.8	65.8	-1.0	-1.6%	100.0%	66.1	65.8	-0.4	-0.5%	100.0%	60.8	60.4	-0.4	-0.7%

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

					Mon	thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Loi	ng-term		-					
Full Simulation Period ¹												
No Action Alternative	61.0	53.2	45.9	45.0	49.6	54.4	60.6	66.0	70.2	72.2	71.8	67.9
Alternative B	60.9	53.1	45.9	45.0	49.6	54.5	60.7	66.1	70.2	72.0	71.7	67.6
Difference	-0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.0	-0.2	-0.2	-0.3
Percent Difference ³	-0.2%	0.0%	0.1%	0.0%	0.0%	0.2%	0.2%	0.1%	0.0%	-0.3%	-0.2%	-0.49
				Water Y	ear Types	2						
Wet (32%)												
No Action Alternative	60.5	53.7	46.4	45.8	49.5	53.3	58.5	64.2	68.8	72.3	71.7	66.0
Alternative B	60.4	53.7	46.5	45.8	49.5	53.3	58.5	64.2	68.8	72.1	71.8	65.8
Difference	-0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.0	-0.2	0.1	-0.2
Percent Difference	-0.2%	0.0%	0.1%	0.0%	0.0%	0.1%	0.1%	0.1%	-0.1%	-0.3%	0.1%	-0.39
Above Normal (15%)												
No Action Alternative	60.4	52.1	45.7	45.1	49.4	54.0	60.5	66.2	70.4	71.3	70.9	66.9
Alternative B	60.2	52.1	45.7	45.1	49.4	54.1	60.6	66.3	70.5	70.8	70.8	66.8
Difference	-0.2	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.0	-0.4	-0.1	-0.1
Percent Difference	-0.3%	0.0%	0.1%	0.0%	0.1%	0.1%	0.2%	0.2%	0.1%	-0.6%	-0.1%	-0.19
Below Normal (17%)												
No Action Alternative	60.8	53.1	45.9	44.3	48.9	54.5	61.0	66.0	70.4	71.8	71.9	69.3
Alternative B	60.6	53.1	46.0	44.3	48.9	54.7	61.1	66.1	70.6	71.7	71.8	69.0
Difference	-0.2	0.0	0.0	0.0	0.0	0.2	0.1	0.1	0.1	-0.2	-0.1	-0.3
Percent Difference	-0.3%	0.0%	0.0%	0.0%	0.0%	0.4%	0.2%	0.2%	0.1%	-0.2%	-0.2%	-0.59
Dry (22%)												
No Action Alternative	61.2	53.1	45.8	44.1	49.6	55.1	61.9	67.2	71.5	71.9	71.4	69.0
Alternative B	61.1	53.2	45.9	44.1	49.6	55.3	62.1	67.2	71.5	71.6	71.1	68.6
Difference	-0.1	0.0	0.1	0.0	0.0	0.2	0.2	0.1	0.1	-0.3	-0.3	-0.4
Percent Difference	-0.2%	0.0%	0.2%	0.0%	0.0%	0.3%	0.3%	0.1%	0.1%	-0.4%	-0.4%	-0.69
Critical (15%)												
No Action Alternative	62.9	52.9	44.7	44.7	50.8	55.9	62.8	67.6	70.6	73.6	73.3	69.9
Alternative B	62.9	52.9	44.8	44.8	50.9	56.0	62.8	67.6	70.5	73.6	72.7	69.4
Difference	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1	-0.2	0.0	-0.6	-0.5
Percent Difference	0.0%	-0.1%	0.1%	0.1%	0.2%	0.2%	0.1%	0.1%	-0.2%	-0.1%	-0.8%	-0.69

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



Figure SQ-12-5b
Sacramento River at American River, Monthly Temperature
Probability of Exceedance

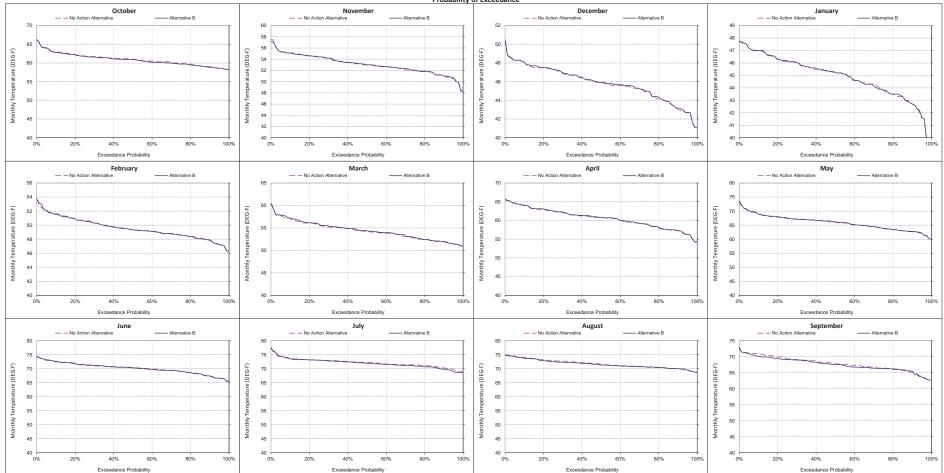


Table SO-12-5b Sacramento River at American River, Monthly Temperature Probability of Exceedance

Novembe

Octobe

January Percent Percent Percent Percent No Action Alternative Alternative B Absolute Relative Relative Relative Relative Exceedance Exceedance Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG.E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) 0.0% 66.2 66.3 0.1 0.2% 0.0% 57.6 57.2 -0.4 -0.7% 50.4 50.5 0.2% 47.7 -0.2% 1.2% 65.6 65.4 -0.2 -0.3% 1.2% 57.4 57.0 -0.4 -0.7% 1.2% 48.7 48.8 0.1 0.2% 1.2% 47.6 47.7 0.1 0.2% 2.5% 64.4 64.2 -0.3% 2.5% 56.2 56.3 0.2% 2.5% 48.6 48.7 0.2% 2.5% 47.6 47.6 0.0% 3.7% 3.7% 64.1 64.1 0.0 0.0% 3.7% 55.7 55.6 -0.1 -0.2% 3.7% 48.5 48.4 -0.1 -0.2% 47.5 47.5 0.0 0.0% 4.9% 63.8 64.1 0.3 0.5% 4.9% 55.4 55.3 -0.1 -0.2% 4.9% 48.3 48.3 0.0% 4.9% 47.2 47.2 0.0 0.0% 6.2% 6.2% 6.2% 6.2% 63.4 63.8 0.4 0.6% 55.3 55.3 0.0 0.0% 48.3 48.3 0.0 0.0% 47.1 47.1 0.0 0.0% 7.4% 63.2 63.2 0.0% 7.4% 0.0% 7.4% 48.3 -0.1 0.0% 7.4% 47.0 47.0 0.0 0.0% 8.6% 8.6% 8.6% 8.6% 62.9 -0.2 -0.3% 55.1 55.1 0.0 0.0% 48 3 48.2 -0.2% 47.0 47.0 0.0% 9.9% 11.1% 12.3% 9.9% -0.2% 0.0% 0.0% 0.0% 11.1% 12.3% 62.9 62.7 -0.2 -0.3% 11.1% 55.1 55.0 -0.1 -0.2% 11.1% 47.8 47.8 0.0 0.0% 47.0 47.0 0.0 0.0% 13.6% 13.6% 13.6% 13.6% 0.0% 62.8 62.6 -0 2 -0.3% 55.0 54.8 -0 2 -0.4% 47.6 477 0.1 0.2% 46.8 46.8 0.0 -0.3% 54.8 47.5 16.0% 16.0% 16.0% 16.0% 62.6 62.4 -0.2 -0.3% 54.8 54.8 0.0 0.0% 47.5 47.7 0.2 0.4% 46.6 46.6 0.0 0.0% 18.5% -0.1 18.5% 54.7 0.2% 18.5% 0.0% 18.5% 0.0% 62.4 62.3 -0.2% 54.6 0.1 47.5 47.5 0.0 46.5 46.5 0.0 19.8% 21.0% 62.3 62.1 -0.1 -0.1 -0.2% 19.8% 54.6 54.6 19.8% 21.0% 47.5 0.0 0.0% 19.8% 21.0% 0.0 62.0 -0.2% 54.6 0.0 0.0% 47.5 47.5 46.3 46.3 0.0% 22.2% 23.5% -0.2% -0.2% 22.2% 23.5% -0.2% 22.2% 23.5% 22.2% 23.5% 46.2 61.9 -0.1 54.5 0.0 0.0 47.4 47.4 61.8 54.5 0.0 0.0% 0.0% 46.1 46.2 0.2% 24.7% 25.9% 61.9 61.8 -0.2% -0.2% 24.7% 25.9% 24.7% 25.9% 0.0% 24.7% 25.9% 46.2 46.1 54.4 0.0% 47.3 473 0.1 0.2% 61.7 -0.1 54.4 54.4 0.0 0.0% 47.3 47.3 0.0 46.1 0.0% 27.2% 28.4% 27.2% 28.4% 27.2% 28.4% -0.3% 27.2% 54.4 0.0% 47.2 46.1 46.1 0.0 61.7 61.6 -0.1 -0.2% 28.4% 54.3 54.2 -0.1 -0.2% 47.0 47.2 0.2 0.4% 46.1 46.1 0.0 0.0% 29.6% 30.9% -0.2% -0.3% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 0.0 0.2% 46.0 -0.2% 0.0% 0.0% 46.8 46.0 32.1% -0.2 -0.3% 32.1% 53.8 -0.3 -0.6% 32.1% 46.8 46.9 0.2% 32.1% 45.8 45.8 0.0 0.0% 33.3% 61.6 -0.2 -0.3% 33.3% 53.8 53.7 -0.2% 33.3% 0.0 0.0% 33.3% 45.7 45.8 0.1 0.2% 34.6% 61.4 0.0 0.0% 34.6% 53.7 53.7 0.0 0.0% 34.6% 46.7 46.7 0.0 0.0% 34.6% 45.7 45.7 0.0 0.0% 35.8% 0.0% 35.8% 35.8% 0.0% 35.8% 61.4 53.6 0.0% 45.7 0.0% 37.0% 61.4 0.0 0.0% 37.0% 53.6 53.6 0.0% 37.0% 46.6 46.7 0.1 0.2% 37.0% 45.6 45.6 0.0 0.0% 38.3% 61.3 -0.2% 38.3% 53.4 38.3% 38.3% 45.6 0.1 -0.2% 0.0 0.0% 0.2% 39.5% 61.3 -0.2 -0.3% 39.5% 53.5 53.4 -0.2% 39.5% 46.4 46.5 0.1 0.2% 39.5% 45.5 45.6 0.1 0.2% 40.7% 61.3 61.1 -0.3% 40.7% 53.4 53.4 0.0 0.0% 40.7% 46.4 46.4 0.0 0.0% 40.7% 45.5 45.5 0.0 0.0% 0.1 42.0% 61.2 61.0 -0.2-0.3% 42.0% 53.3 53.4 0.2% 42.0% 46.2 46.2 0.0 0.0% 42.0% 45.4 45.5 0.2% 43.2% 61.2 61.0 -0.2 -0.3% 43.2% 53.2 53.3 0.1 0.2% 43.2% 46.2 46.2 0.0 0.0% 43.2% 45.4 45.5 0.1 0.2% 44.4% 61.2 -0.3% 44.4% 53.2 53.3 0.2% 44.4% 46.1 46.2 0.2% 44.4% 45.4 45.4 0.0 0.0% 45.7% 45.7% 45.7% 61.2 60.9 -0.3 -0.5% 53.2 53.2 0.0 0.0% 46.1 46.1 0.0 0.0% 45.7% 45.3 45.4 0.1 0.2% 46.9% 61.2 60.9 -0.5% 46.9% 53.2 53.2 0.0% 46.9% 46.0 46.0 0.0% 46.9% 45.3 45.3 0.0 0.0% 48.1% 49.4% 61.0 60.9 -0.1 -0.2% 48.1% 53.2 53.0 -0.2 -0.4% 48.1% 46.0 45.9 -0.1 -0.2% 48.1% 45.3 45.3 0.0 0.0% 61.0 -0.2% 49.4% 53.0 53.0 0.0% 49.4% 45.9 0.0% 49.4% 45.2 45.3 0.1 0.2% 50.6% 50.6% 50.6% 61.0 60.9 -0.1 -0.2% 53.0 53.0 0.0 0.0% 45.9 45.9 0.0 0.0% 50.6% 45.2 45.2 0.0 0.0% 51.9% 60.9 60.8 -0.1-0.2% -0.3% 51.9% 0.0 0.0% 45.8 45.9 0.1 0.2% 51.9% 53.1% 45.2 45.2 0.0 0.0% 53.1% 53.1% 53.1% -0.2 0.2% 60.9 60.7 53.0 529 -0.1 -0.2% 45.7 45.8 45.2 45.2 0.0% 55.6% 56.8% 55.6% 55.6% 55.6% 0.0% 60.6 60.5 -0.1 -0.2% 52.8 52.8 0.0 0.0% 45.6 45.8 0.2 0.4% 45.1 45.1 0.0 58.0% 58.0% 58.0% 60.5 60.3 -0.2 -0.3% 52.7 52.7 0.0 0.0% 45.6 45.7 0.1 0.2% 58.0% 44.8 44.9 0.1 0.2% 60.5% 60.5% 60.5% 60.5 60.2 -0.3 -0.5% 52.6 52.7 0.1 0.2% 45.6 45.7 0.1 0.2% 60.5% 44.6 44.6 0.0 0.0% 61.7% -0.7% 61.7% 52.6 63.0% 63.0% 63.0% 0.1 63.0% 60.4 60.1 -0.3 -0.5% 52.6 52.6 0.0 0.0% 45.5 45.6 0.2% 44.5 44.5 0.0 0.0% 64.2% 65.4% -0.2 -0.2 -0.3% 64.2% 65.4% 52.5 52.5 64.2% 65.4% 45.5 45.4 0.2% 64.2% 65.4% 0.0 60.3 0.0% 45.6 0.2 44.4 44.3 -0.2% 60.1 -0.3% 52.5 0.0 66.7% 67.9% 60.3 60.3 -0.5% -0.5% 66.7% 67.9% 66.7% 67.9% 45.5 45.3 66.7% 67.9% -0.3 52.4 0.0% 45.3 0.2 0.4% 443 0.0 0.0% -0.3 52.4 0.0 44.3 52.3 0.1 44.3 60.0 0.2% 45.3 0.0% 0.0% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% -0.5% 52.4 45.3 44.3 44.3 59.9 52.3 44.3 -0.2 60.1 -0.2 -0.3% 52.1 0.2 0.4% 45.2 45.2 0.0 0.0% 44.1 -0.5% 71.6% 59.9 -0.2% -0.3% 71.6% 52.3 0.6% 71.6% 45.1 45.2 0.2% 71.6% 44 2 44 0 -0.2 -0.5% 72.8% 60.0 59.8 -0.2 72.8% 52.0 52.1 0.1 0.2% 72.8% 44.9 45.0 0.1 0.2% 72.8% 44.0 43.9 -0.1 -0.2% 74.1% 75.3% -0.3% -0.3% 74.1% 75.3% 74.1% 0.2% 74.1% 0.2% 43.9 43.9 0.0 0.0% 75.3% 75.3% 0.0 43.8 76.5% 59.8 -0.1 -0.2% 76.5% 51.9 51.9 0.0% 76.5% 44.4 44.4 0.0 0.0% 76.5% 43.6 43.8 0.2 0.5% 77.8% -0.2% 77.8% 77.8% 0.0 0.0% 77.8% 0.0 59.8 0.2% 43.6 0.0% 79.0% 59.7 59.6 -0.1 -0.2% 79.0% 51.8 51.9 0.2% 79.0% 44.2 44.4 0.2 0.5% 79.0% 43.5 43.5 0.0 0.0% 80.2% -0.5% 80.2% 51.9 80.2% 44.1 44.3 80.2% 43.5 0.0 59.7 0.2% 0.2 0.5% 43.5 0.0% 81.5% 59.5 59.4 -0.2% 81.5% 51.8 51.8 0.0% 81.5% 44.1 44.1 0.0 0.0% 81.5% 43.4 43.5 0.1 0.2% 82.7% 82.7% 59.4 -0.2% 82.7% 51.8 0.2% 44.0 44.0 0.0 0.0% 82.7% 43.3 43.5 0.2 0.5% 84.0% 59.3 59.3 0.0% 84.0% 51.7 51.7 0.0% 84.0% 43.9 43.9 0.0 0.0% 84.0% 43.3 43.4 0.1 0.2% 85.2% 59.2 59.2 0.0 0.0% 85.2% 51.2 51.3 0.1 0.2% 85.2% 43.7 43.9 0.2 0.5% 85.2% 43.3 43.3 0.0 0.0% 86.4% 59.1 0.0% 86.4% 51.2 0.0% 86.4% 43.6 43.6 0.0% 86.4% 43.0 43.0 0.0 0.0% 87.7% 59 1 59.0 -0.1 -0.2% 87.7% 51.2 512 0.0 0.0% 87.7% 43.4 43.4 0.0 0.0% 87.7% 42.9 43.0 0.1 0.2% 88.9% 59.1 58.9 -0.2 -0.3% 88.9% 51.1 51.2 0.1 0.2% 88.9% 43.3 43.2 -0.1 -0.2% 88.9% 42.8 42.8 0.0 0.0% 90.1% 59.0 58.8 -0.2 -0.3% 90.1% 51.0 51.0 0.0 0.0% 90.1% 43.0 43.2 0.2 0.5% 90.1% 42.7 42.7 0.0 0.0% 91.4% 58.8 -0.2% 91.4% 51.0 0.4% 91.4% 42.9 43.1 91.4% 42.6 42.6 0.0 -0.1 0.2 92.6% 92.6% 92.6% 58.7 58.7 0.0 0.0% 50.8 50.9 0.2% 42 9 43.0 0.1 0.2% 92.6% 42.4 423 -0.2% 93.8% 0.1 50.8 0.4% 42.7 93.8% 42.2 58.6 58.7 0.2% 93.8% 50.6 0.2 93.8% 42.7 0.0 0.0% 42.0 0.2 0.5% 95.1% 95.1% 95.1% 95.1% 58.5 58.6 0.1 0.2% 50.6 50.7 0.1 0.2% 42.7 42.7 0.0 0.0% 41.6 41.6 0.0 0.0% 96.3% 58.6 0.1 0.2% 96.3% 97.5% 50.2 50.0 -0.2 0.0 -0.4% 96.3% 97.5% 42.6 0.1 0.2% 96.3% 97.5% 41.5 41.5 0.0 0.0% 97.5% 58.4 0.0 0.0% 58.4 0.0% 49 9 499 0.0% 41 6 416 0.0% 39.7 39.7 0.0% 98.8% 0.0% 100.0% 100.0% 100.0% 100.0% 58.3 58.3 0.0 0.0% 48.5 48.3 -0.4% 41.1 41.1 0.0 0.0% 39.3 39.3 0.0 0.0%

Table SQ-12-5b
Sacramento River at American River, Monthly Temperature
Probability of Exceedance

-		February					March					April					May		
Percent	No Action Alternative	Alternative B	Absolute		Percent	No Action Alternative	Alternative B	Absolute		Percent	No Action Alternative	Alternative B	Absolute		Percent	No Action Alternative	Alternative B	Absolute	
Exceedance			- Difference	Relative	Exceedance			Difference	Relative	Exceedance			Difference	Relative	Exceedance			Difference	Relative
Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	53.8	53.7	-0.1	-0.2%	0.0%	60.5	60.4	-0.1	-0.2%	0.0%	65.4	65.8	0.4	0.6%	0.0%	73.4	73.7	0.3	0.4%
1.2%	52.8	53.1	0.3	0.6%	1.2%	59.3	59.3	0.0	0.0%	1.2%	65.4	65.3	-0.1	-0.2%	1.2%	71.9	72.2	0.3	0.4%
2.5%	52.5	53.0	0.5	1.0%	2.5%	57.9	58.0	0.1	0.2%	2.5%	65.2	65.2	0.0	0.0%	2.5%	71.0	71.0	0.0	0.0%
3.7%	52.3	52.2	-0.1	-0.2%	3.7%	57.8	57.9	0.1	0.2%	3.7%	64.6	64.8	0.2	0.3%	3.7%	70.6	70.8	0.2	0.3%
4.9%	52.2	52.1	-0.1	-0.2%	4.9%	57.8	57.9	0.1	0.2%	4.9%	64.6	64.7	0.1	0.2%	4.9%	70.1	70.1	0.0	0.0%
6.2%	51.9	51.8	-0.1	-0.2%	6.2%	57.5	57.8	0.3	0.5%	6.2%	64.4	64.4	0.0	0.0%	6.2%	69.7	69.9	0.2	0.3%
7.4%	51.7	51.8	0.1	0.2%	7.4%	57.3	57.7	0.4	0.7%	7.4%	64.3	64.4	0.1	0.2%	7.4%	69.6	69.8	0.2	0.3%
8.6%	51.6	51.6	0.0	0.0%	8.6%	57.2	57.3	0.1	0.2%	8.6%	64.1	64.2	0.1	0.2%	8.6%	69.4	69.6	0.2	0.3%
9.9%	51.5	51.6	0.1	0.2%	9.9%	57.2	57.2	0.0	0.0%	9.9%	64.0	64.1	0.1	0.2%	9.9%	68.9	68.9	0.0	0.0%
11.1%	51.5	51.6	0.1	0.2%	11.1%	56.7	57.0	0.3	0.5%	11.1%	63.9	64.0	0.1	0.2%	11.1%	68.8	68.9	0.1	0.1%
12.3%	51.3	51.3	0.0	0.0%	12.3%	56.7	57.0	0.3	0.5%	12.3%	63.6	63.8	0.2	0.3%	12.3%	68.6	68.4	-0.2	-0.3%
13.6%	51.2	51.3	0.1	0.2%	13.6%	56.5	56.8	0.3	0.5%	13.6%	63.2	63.3	0.1	0.2%	13.6%	68.4	68.4	0.0	0.0%
14.8%	51.2	51.3	0.1	0.2%	14.8%	56.4	56.7	0.3	0.5%	14.8%	63.2	63.2	0.0	0.0%	14.8%	68.3	68.3	0.0	0.0%
16.0%	51.1	51.2	0.1	0.2%	16.0%	56.2	56.4	0.2	0.4%	16.0%	63.0	63.1	0.1	0.2%	16.0%	68.1	68.2	0.1	0.1%
17.3%	51.0	51.0	0.0	0.0%	17.3%	56.1	56.3	0.2	0.4%	17.3%	63.0	63.1	0.1	0.2%	17.3%	68.1	68.2	0.1	0.1%
18.5%	51.0	51.0	0.0	0.0%	18.5%	56.1	56.2	0.1	0.2%	18.5%	62.9	63.1	0.2	0.3%	18.5%	67.9	68.2	0.3	0.4%
19.8%	50.9	50.9	0.0	0.0%	19.8%	56.1	56.2	0.1	0.2%	19.8%	62.9	63.1	0.2	0.3%	19.8%	67.9	68.1	0.3	0.3%
21.0%	50.9	50.9	-0.2	-0.4%	21.0%	56.1	56.1	0.0	0.2%	21.0%	62.8	63.0	0.2	0.3%	21.0%	67.8	67.9	0.2	0.1%
22.2%	50.7	50.7	0.0	0.0%	22.2%	56.0	56.1	0.1	0.2%	22.2%	62.7	62.8	0.1	0.2%	22.2%	67.6	67.8	0.2	0.3%
23.5%	50.7	50.7	0.0	0.0%	23.5%	55.9	56.1	0.2	0.4%	23.5%	62.6	62.6	0.0	0.0%	23.5%	67.6	67.8	0.2	0.3%
24.7%	50.6	50.6	0.0	0.0%	24.7%	55.7	55.9	0.2	0.4%	24.7%	62.5	62.6	0.1	0.2%	24.7%	67.4	67.6	0.2	0.3%
25.9%	50.6	50.5	-0.1	-0.2%	25.9%	55.5	55.6	0.1	0.2%	25.9%	62.5	62.4	-0.1	-0.2%	25.9%	67.3	67.4	0.1	0.1%
27.2%	50.6	50.5	-0.1	-0.2%	27.2%	55.4	55.6	0.2	0.4%	27.2%	62.3	62.3	0.0	0.0%	27.2%	67.2	67.2	0.0	0.0%
28.4%	50.5	50.4	-0.1	-0.2%	28.4%	55.3	55.5	0.2	0.4%	28.4%	62.1	62.3	0.2	0.3%	28.4%	67.2	67.2	0.0	0.0%
29.6%	50.3	50.3	0.0	0.0%	29.6%	55.2	55.5	0.3	0.5%	29.6%	62.1	62.3	0.2	0.3%	29.6%	67.1	67.2	0.1	0.1%
30.9%	50.3	50.3	0.0	0.0%	30.9%	55.2	55.3	0.1	0.2%	30.9%	62.0	62.1	0.1	0.2%	30.9%	67.1	67.1	0.0	0.0%
32.1%	50.2	50.2	0.0	0.0%	32.1%	55.1	55.3	0.2	0.4%	32.1%	61.9	62.0	0.1	0.2%	32.1%	67.1	67.0	-0.1	-0.1%
33.3%	50.1	50.2	0.0	0.0%	33.3%	55.1	55.3	0.2	0.4%	33.3%	61.6	61.6	0.0	0.0%	33.3%	67.0	67.0	0.0	0.0%
33.3%	50.1	50.1	0.0	0.0%	33.3%	55.1 55.1	55.3 55.2	0.2	0.4%	33.3%	61.5	61.5	0.0	0.0%	33.3%	66.9	67.0	0.0	0.0%
35.8%	49.9	50.0	0.1	0.2%	35.8%	55.1	55.1	0.0	0.0%	35.8%	61.4	61.5	0.1	0.2%	35.8%	66.9	66.9	0.0	0.0%
37.0%	49.8	49.9	0.1	0.2%	37.0%	55.1	55.0	-0.1	-0.2%	37.0%	61.4	61.5	0.1	0.2%	37.0%	66.8	66.9	0.1	0.1%
38.3%	49.8	49.8	0.0	0.0%	38.3%	55.0	55.0	0.0	0.0%	38.3%	61.3	61.4	0.1	0.2%	38.3%	66.8	66.9	0.1	0.1%
39.5%	49.7	49.8	0.1	0.2%	39.5%	54.9	54.9	0.0	0.0%	39.5%	61.2	61.4	0.2	0.3%	39.5%	66.8	66.7	-0.1	-0.1%
40.7%	49.7	49.7	0.0	0.0%	40.7%	54.9	54.9	0.0	0.0%	40.7%	61.2	61.3	0.1	0.2%	40.7%	66.7	66.7	0.0	0.0%
42.0%	49.6	49.6	0.0	0.0%	42.0%	54.7	54.9	0.2	0.4%	42.0%	61.2	61.3	0.1	0.2%	42.0%	66.6	66.6	0.0	0.0%
43.2%	49.6	49.6	0.0	0.0%	43.2%	54.6	54.9	0.3	0.5%	43.2%	61.1	61.3	0.2	0.3%	43.2%	66.6	66.5	-0.1	-0.2%
44.4%	49.5	49.6	0.1	0.2%	44.4%	54.5	54.7	0.2	0.4%	44.4%	60.9	61.2	0.3	0.5%	44.4%	66.5	66.5	0.0	0.0%
45.7%	49.5	49.5	0.0	0.0%	45.7%	54.4	54.4	0.0	0.0%	45.7%	60.9	61.0	0.1	0.2%	45.7%	66.5	66.5	0.0	0.0%
46.9%	49.5	49.5	0.0	0.0%	46.9%	54.3	54.4	0.1	0.2%	46.9%	60.8	61.0	0.2	0.3%	46.9%	66.2	66.5	0.3	0.5%
48.1%	49.4	49.4	0.0	0.0%	48.1%	54.3	54.4	0.1	0.2%	48.1%	60.8	60.9	0.1	0.2%	48.1%	66.2	66.4	0.2	0.3%
49.4%	49.4	49.4			49.4%	54.2	54.4	0.1		49.4%	60.8	60.9	0.1		49.4%	66.1	66.3	0.2	
			0.0	0.0%					0.4%					0.2%					0.3%
50.6%	49.3	49.3	0.0	0.0%	50.6%	54.2	54.3	0.1	0.2%	50.6%	60.8	60.8	0.0	0.0%	50.6%	66.0	66.1	0.1	0.2%
51.9%	49.3	49.3	0.0	0.0%	51.9%	54.1	54.3	0.2	0.4%	51.9%	60.7	60.7	0.0	0.0%	51.9%	65.9	66.0	0.1	0.2%
53.1%	49.2	49.3	0.1	0.2%	53.1%	54.1	54.2	0.1	0.2%	53.1%	60.6	60.7	0.1	0.2%	53.1%	65.9	65.9	0.0	0.0%
54.3%	49.2	49.2	0.0	0.0%	54.3%	54.0	54.2	0.2	0.4%	54.3%	60.6	60.7	0.1	0.2%	54.3%	65.8	65.9	0.1	0.2%
55.6%	49.2	49.2	0.0	0.0%	55.6%	54.0	54.1	0.1	0.2%	55.6%	60.6	60.7	0.1	0.2%	55.6%	65.7	65.9	0.2	0.3%
56.8%	49.2	49.2	0.0	0.0%	56.8%	53.9	54.0	0.1	0.2%	56.8%	60.5	60.6	0.1	0.2%	56.8%	65.7	65.7	0.0	0.0%
58.0%	49.1	49.2	0.1	0.2%	58.0%	53.9	54.0	0.1	0.2%	58.0%	60.5	60.6	0.1	0.2%	58.0%	65.2	65.4	0.2	0.3%
59.3%	49.1	49.1	0.0	0.0%	59.3%	53.8	54.0	0.2	0.4%	59.3%	60.1	60.1	0.0	0.0%	59.3%	65.1	65.3	0.2	0.3%
60.5%	49.1	49.1	0.0	0.0%	60.5%	53.8	54.0	0.2	0.4%	60.5%	60.0	60.0	0.0	0.0%	60.5%	65.1	65.1	0.0	0.0%
61.7%	49.0	49.1	0.1	0.2%	61.7%	53.8	53.9	0.1	0.2%	61.7%	59.6	60.0	0.4	0.7%	61.7%	65.0	65.0	0.0	0.0%
63.0%	49.0	49.0	0.0	0.0%	63.0%	53.8	53.9	0.1	0.2%	63.0%	59.6	59.7	0.1	0.2%	63.0%	65.0	65.0	0.0	0.0%
64.2%	48.9	49.0	0.0	0.0%	64.2%	53.7	53.7	0.1	0.0%	64.2%	59.6	59.7	0.1	0.2%	64.2%	64.9	64.9	0.0	0.0%
							53.7												
65.4%	48.8	48.8	0.0	0.0%	65.4%	53.6		0.0	0.0%	65.4%	59.6	59.6	0.0	0.0%	65.4%	64.8	64.9	0.1	0.2%
66.7%	48.8	48.8	0.0	0.0%	66.7%	53.5	53.5	0.0	0.0%	66.7%	59.5	59.6	0.1	0.2%	66.7%	64.6	64.7	0.1	0.2%
67.9%	48.8	48.8	0.0	0.0%	67.9%	53.2	53.5	0.3	0.6%	67.9%	59.3	59.4	0.1	0.2%	67.9%	64.6	64.6	0.0	0.0%
69.1%	48.8	48.8	0.0	0.0%	69.1%	53.2	53.5	0.3	0.6%	69.1%	59.3	59.3	0.0	0.0%	69.1%	64.5	64.5	0.0	0.0%
70.4%	48.7	48.8	0.1	0.2%	70.4%	53.1	53.1	0.0	0.0%	70.4%	59.2	59.2	0.0	0.0%	70.4%	64.3	64.5	0.2	0.3%
71.6%	48.7	48.7	0.0	0.0%	71.6%	53.1	53.1	0.0	0.0%	71.6%	59.1	59.2	0.1	0.2%	71.6%	64.2	64.3	0.1	0.2%
72.8%	48.7	48.7	0.0	0.0%	72.8%	52.9	53.1	0.2	0.4%	72.8%	59.1	59.0	-0.1	-0.2%	72.8%	64.2	64.2	0.0	0.0%
74.1%	48.6	48.6	0.0	0.0%	74.1%	52.8	52.9	0.1	0.2%	74.1%	59.0	59.0	0.0	0.0%	74.1%	63.9	63.9	0.0	0.0%
75.3%	48.5	48.6	0.1	0.2%	75.3%	52.6	52.8	0.2	0.4%	75.3%	58.5	58.6	0.1	0.2%	75.3%	63.8	63.9	0.1	0.2%
76.5%	48.5	48.5	0.0	0.0%	76.5%	52.5	52.7	0.2	0.4%	76.5%	58.4	58.5	0.1	0.2%	76.5%	63.6	63.8	0.2	0.3%
77.8%	48.5	48.5	0.0	0.0%	77.8%	52.5	52.6	0.1	0.2%	77.8%	58.4	58.4	0.0	0.0%	77.8%	63.6	63.6	0.0	0.0%
79.0%	48.4	48.4	0.0	0.0%	79.0%	52.4	52.5	0.1	0.2%	79.0%	58.4	58.4	0.0	0.0%	79.0%	63.5	63.5	0.0	0.0%
80.2%	48.4	48.4	0.0	0.0%	80.2%	52.4	52.4	0.0	0.0%	80.2%	57.8	58.1	0.3	0.5%	80.2%	63.4	63.5	0.0	
81.5%	48.4	48.3	-0.1	-0.2%	81.5%	52.4	52.4	0.0	0.0%	81.5%	57.7	57.8	0.3	0.2%	81.5%	63.3	63.4	0.1	0.2% 0.2%
82.7%	48.2	48.1	-0.1	-0.2%	82.7%	52.2	52.3	0.1	0.2%	82.7%	57.6	57.7	0.1	0.2%	82.7%	63.1	63.2	0.1	0.2%
84.0%	48.1	48.1	0.0	0.0%	84.0%	52.1	52.2	0.1	0.2%	84.0%	57.5	57.6	0.1	0.2%	84.0%	63.0	63.1	0.1	0.2%
85.2%	48.1	48.1	0.0	0.0%	85.2%	52.0	52.1	0.1	0.2%	85.2%	57.5	57.5	0.0	0.0%	85.2%	63.0	63.0	0.0	0.0%
86.4%	48.1	48.0	-0.1	-0.2%	86.4%	52.0	52.1	0.1	0.2%	86.4%	57.4	57.5	0.1	0.2%	86.4%	62.9	62.9	0.0	0.0%
87.7%	48.0	48.0	0.0	0.0%	87.7%	52.0	52.1	0.1	0.2%	87.7%	57.4	57.5	0.1	0.2%	87.7%	62.7	62.8	0.1	0.2%
88.9%	47.9	47.9	0.0	0.0%	88.9%	52.0	52.0	0.0	0.0%	88.9%	57.3	57.4	0.1	0.2%	88.9%	62.7	62.8	0.1	0.2%
90.1%	47.8	47.9	0.1	0.2%	90.1%	51.9	52.0	0.1	0.2%	90.1%	57.2	57.3	0.1	0.2%	90.1%	62.6	62.8	0.2	0.3%
91.4%	47.6	47.6	0.0	0.0%	91.4%	51.7	51.9	0.2	0.4%	91.4%	57.2	57.2	0.0	0.0%	91.4%	62.5	62.7	0.2	0.3%
92.6%	47.4	47.4	0.0	0.0%	92.6%	51.6	51.6	0.0	0.0%	92.6%	56.5	56.8	0.3	0.5%	92.6%	62.5	62.6	0.1	0.2%
93.8%	47.3	47.4	0.1	0.2%	93.8%	51.6	51.6	0.0	0.0%	93.8%	56.3	56.3	0.0	0.0%	93.8%	62.2	62.5	0.3	0.5%
	47.3 47.2	47.4	0.0			51.4	51.4	0.0			56.2	56.3	0.0			62.1	62.2	0.3	0.5%
95.1%	47.2 47.1			0.0%	95.1%				0.0%	95.1%				0.2%	95.1%				
96.3% 97.5%	47.1 47.0	47.2	0.1	0.2%	96.3%	51.3 51.3	51.4 51.3	0.1	0.2%	96.3% 97.5%	56.1 55.0	56.1 55.0	0.0	0.0%	96.3% 97.5%	61.3 61.2	61.3 61.3	0.0	0.0%
		47.0	0.0	0.0%	97.5%			0.0	0.0%				0.0	0.0%				0.1	0.2%
98.8%	46.3	46.3	0.0	0.0%	98.8%	51.0	51.0	0.0	0.0%	98.8%	54.2	54.3	0.1	0.2%	98.8%	60.1	60.1	0.0	0.0%
100.0%	46.3	46.3	0.0	0.0%	100.0%	51.0	51.0	0.0	0.0%	100.0%	54.2	54.3	0.1	0.2%	100.0%	60.1	60.1	0.0	0.0%

Table SQ-12-5b
Sacramento River at American River, Monthly Temperature
Probability of Exceedance

									Probability	of Exceedance									
Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative		Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative		Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative
Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)
0.0%	(DEG-F) 74.2	(DEG-F) 74.5	0.3	0.4%	(%) 0.0%	(DEG-F) 77.2	(DEG-F) 77.5	0.3	0.4%		(DEG-F) 75.0	(DEG-F) 74.6	-0.4	-0.5%		(DEG-F) 73.1	(DEG-F) 72.7	-0.4	-0.5%
1.2%	73.9	73.9	0.0	0.4%	1.2%	76.2	76.1	-0.1	-0.1%	1.2%	74.8	74.6	-0.2	-0.3%	1.2%	71.4	71.4	0.0	0.0%
2.5%	73.5	73.6	0.1	0.1%	2.5%	76.1	75.8	-0.3	-0.4%	2.5%	74.7	74.5	-0.2	-0.3%	2.5%	71.3	71.4	0.1	0.1%
3.7%	73.1	73.4	0.3	0.4%	3.7%	74.8	74.4	-0.4	-0.5%	3.7%	74.7	74.5	-0.2	-0.3%	3.7%	71.3	71.1	-0.2	-0.3%
4.9% 6.2%	73.0 72.9	73.1 73.1	0.1	0.1%	4.9% 6.2%	74.5 74.2	74.4 74.3	-0.1 0.1	-0.1% 0.1%	4.9% 6.2%	74.5 74.2	74.3 74.1	-0.2 -0.1	-0.3% -0.1%	4.9% 6.2%	71.1 71.1	71.0 70.7	-0.1 -0.4	-0.1% -0.6%
7.4%	72.8	72.9	0.2	0.3%	7.4%	74.2	74.0	0.1	0.1%	7.4%	74.1	73.9	-0.1	-0.1%	7.4%	71.0	70.7	-0.4	-0.0%
8.6%	72.7	72.8	0.1	0.1%	8.6%	73.7	74.0	0.3	0.4%	8.6%	74.1	73.9	-0.2	-0.3%	8.6%	71.0	70.3	-0.7	-1.0%
9.9%	72.4	72.6	0.2	0.3%	9.9%	73.6	73.5	-0.1	-0.1%	9.9%	74.0	73.7	-0.3	-0.4%	9.9%	70.8	70.1	-0.7	-1.0%
11.1% 12.3%	72.3	72.5	0.2	0.3%	11.1% 12.3%	73.6 73.5	73.3 73.3	-0.3 -0.2	-0.4%	11.1%	74.0 73.9	73.6	-0.4	-0.5% -0.4%	11.1% 12.3%	70.8 70.6	70.0 69.9	-0.8 -0.7	-1.1%
13.6%	72.2 72.2	72.2 72.2	0.0	0.0%	13.6%	73.5	73.3	-0.2	-0.3% -0.3%	12.3% 13.6%	73.7	73.6 73.5	-0.3 -0.2	-0.4%	13.6%	70.4	69.9	-0.7	-1.0% -0.7%
14.8%	72.2	72.2	0.0	0.0%	14.8%	73.4	73.2	-0.2	-0.3%	14.8%	73.5	73.5	0.0	0.0%	14.8%	70.3	69.9	-0.4	-0.6%
16.0%	72.1	72.1	0.0	0.0%	16.0%	73.3	73.2	-0.1	-0.1%	16.0%	73.4	73.5	0.1	0.1%	16.0%	70.3	69.8	-0.5	-0.7%
17.3%	72.0	72.1	0.1	0.1%	17.3%	73.2	73.2	0.0	0.0%	17.3%	73.4	73.1	-0.3	-0.4%	17.3%	70.3	69.6	-0.7	-1.0%
18.5% 19.8%	71.9 71.6	72.1 71.9	0.2	0.3%	18.5% 19.8%	73.2 73.1	73.2 73.1	0.0	0.0%	18.5% 19.8%	73.3 73.2	72.9 72.9	-0.4 -0.3	-0.5% -0.4%	18.5% 19.8%	70.0 69.9	69.5 69.5	-0.5 -0.4	-0.7% -0.6%
21.0%	71.5	71.5	0.0	0.0%	21.0%	73.1	73.1	0.0	0.0%	21.0%	73.2	72.7	-0.5	-0.7%	21.0%	69.9	69.3	-0.6	-0.9%
22.2%	71.5	71.5	0.0	0.0%	22.2%	73.1	73.1	0.0	0.0%	22.2%	72.9	72.7	-0.2	-0.3%	22.2%	69.8	69.2	-0.6	-0.9%
23.5%	71.3	71.5	0.2	0.3%	23.5%	73.1	73.0	-0.1	-0.1%	23.5%	72.9	72.5	-0.4	-0.5%	23.5%	69.7	69.1	-0.6	-0.9%
24.7%	71.2	71.4	0.2	0.3%	24.7%	73.1	73.0	-0.1	-0.1%	24.7%	72.8	72.5	-0.3	-0.4%	24.7%	69.3	69.1	-0.2	-0.3%
25.9% 27.2%	71.2 71.2	71.3 71.3	0.1 0.1	0.1%	25.9% 27.2%	73.0 73.0	73.0 72.9	0.0 -0.1	0.0%	25.9% 27.2%	72.8 72.7	72.5 72.3	-0.3 -0.4	-0.4% -0.6%	25.9% 27.2%	69.3 69.2	69.1 69.0	-0.2 -0.2	-0.3% -0.3%
28.4%	71.1	71.3	0.1	0.3%	28.4%	73.0	72.9	-0.1	-0.1%	28.4%	72.7	72.3	-0.4	-0.6%	28.4%	69.1	69.0	-0.1	-0.1%
29.6%	71.1	71.2	0.1	0.1%	29.6%	72.9	72.7	-0.2	-0.3%	29.6%	72.7	72.3	-0.4	-0.6%	29.6%	69.1	69.0	-0.1	-0.1%
30.9%	71.0	71.1	0.1	0.1%	30.9%	72.9	72.7	-0.2	-0.3%	30.9%	72.7	72.2	-0.5	-0.7%	30.9%	69.1	68.9	-0.2	-0.3%
32.1% 33.3%	70.9 70.9	71.1 71.0	0.2	0.3%	32.1% 33.3%	72.9 72.9	72.7 72.6	-0.2 -0.3	-0.3% -0.4%	32.1% 33.3%	72.6 72.6	72.2 72.1	-0.4 -0.5	-0.6% -0.7%	32.1% 33.3%	69.1 68.9	68.9 68.7	-0.2 -0.2	-0.3% -0.3%
33.3%	70.9	71.0	0.1	0.1%	33.3%	72.9	72.6	-0.3	-0.4%	33.3%	72.5	72.1	-0.5	-0.7%	33.3%	68.9	68.7	-0.2	-0.3%
35.8%	70.8	70.8	0.0	0.0%	35.8%	72.8	72.6	-0.2	-0.3%	35.8%	72.4	72.1	-0.3	-0.4%	35.8%	68.9	68.7	-0.2	-0.3%
37.0%	70.8	70.8	0.0	0.0%	37.0%	72.7	72.5	-0.2	-0.3%	37.0%	72.2	72.1	-0.1	-0.1%	37.0%	68.7	68.4	-0.3	-0.4%
38.3%	70.8	70.6	-0.2	-0.3%	38.3%	72.6	72.5	-0.1	-0.1%	38.3%	72.2	72.0	-0.2	-0.3%	38.3%	68.7	68.3	-0.4	-0.6%
39.5% 40.7%	70.7 70.7	70.6 70.6	-0.1 -0.1	-0.1% -0.1%	39.5% 40.7%	72.6 72.5	72.4 72.4	-0.2 -0.1	-0.3% -0.1%	39.5% 40.7%	72.2 72.2	71.9 71.8	-0.3 -0.4	-0.4% -0.6%	39.5% 40.7%	68.7 68.3	68.3 68.1	-0.4 -0.2	-0.6% -0.3%
42.0%	70.6	70.5	-0.1	-0.1%	42.0%	72.4	72.3	-0.1	-0.1%	42.0%	72.2	71.8	-0.4	-0.6%	42.0%	68.3	68.0	-0.2	-0.4%
43.2%	70.6	70.5	-0.1	-0.1%	43.2%	72.4	72.2	-0.2	-0.3%	43.2%	72.0	71.8	-0.2	-0.3%	43.2%	68.2	67.9	-0.3	-0.4%
44.4%	70.6	70.5	-0.1	-0.1%	44.4%	72.4	72.1	-0.3	-0.4%	44.4%	71.9	71.7	-0.2	-0.3%	44.4%	68.1	67.9	-0.2	-0.3%
45.7%	70.5	70.5	0.0	0.0%	45.7%	72.3	72.1	-0.2	-0.3%	45.7%	71.9	71.6	-0.3	-0.4%	45.7%	68.1	67.8	-0.3	-0.4%
46.9% 48.1%	70.5 70.5	70.4 70.4	-0.1 -0.1	-0.1% -0.1%	46.9% 48.1%	72.3 72.2	72.1 72.0	-0.2 -0.2	-0.3% -0.3%	46.9% 48.1%	71.9 71.8	71.5 71.4	-0.4 -0.4	-0.6% -0.6%	46.9% 48.1%	68.1 68.1	67.7 67.6	-0.4 -0.5	-0.6% -0.7%
49.4%	70.4	70.3	-0.1	-0.1%	49.4%	72.2	71.9	-0.2	-0.4%	49.4%	71.6	71.3	-0.3	-0.4%	49.4%	67.8	67.6	-0.2	-0.3%
50.6%	70.3	70.3	0.0	0.0%	50.6%	72.2	71.9	-0.3	-0.4%	50.6%	71.5	71.3	-0.2	-0.3%	50.6%	67.7	67.6	-0.1	-0.1%
51.9%	70.3	70.2	-0.1	-0.1%	51.9%	72.2	71.8	-0.4	-0.6%	51.9%	71.4	71.3	-0.1	-0.1%	51.9%	67.7	67.5	-0.2	-0.3%
53.1% 54.3%	70.2 70.2	70.1 70.0	-0.1 -0.2	-0.1% -0.3%	53.1% 54.3%	72.1 72.1	71.8 71.7	-0.3 -0.4	-0.4% -0.6%	53.1% 54.3%	71.4 71.3	71.2 71.2	-0.2 -0.1	-0.3% -0.1%	53.1% 54.3%	67.6 67.6	67.5 67.2	-0.1 -0.4	-0.1% -0.6%
55.6%	70.1	70.0	-0.2	-0.1%	55.6%	72.0	71.7	-0.3	-0.4%	55.6%	71.2	71.2	0.0	0.0%	55.6%	67.5	67.1	-0.4	-0.6%
56.8%	70.1	69.9	-0.2	-0.3%	56.8%	71.8	71.7	-0.1	-0.1%	56.8%	71.1	71.1	0.0	0.0%	56.8%	67.5	66.9	-0.6	-0.9%
58.0%	70.0	69.8	-0.2	-0.3%	58.0%	71.8	71.6	-0.2	-0.3%	58.0%	71.1	71.0	-0.1	-0.1%	58.0%	67.3	66.8	-0.5	-0.7%
59.3%	70.0	69.8	-0.2	-0.3%	59.3%	71.7	71.5	-0.2	-0.3%	59.3%	71.1	71.0	-0.1	-0.1%	59.3%	67.3	66.8	-0.5	-0.7%
60.5% 61.7%	69.8 69.8	69.7 69.7	-0.1 -0.1	-0.1% -0.1%	60.5% 61.7%	71.6 71.6	71.5 71.5	-0.1 -0.1	-0.1% -0.1%	60.5% 61.7%	71.1 71.0	70.9 70.9	-0.2 -0.1	-0.3% -0.1%	60.5% 61.7%	67.3 67.2	66.7 66.7	-0.6 -0.5	-0.9% -0.7%
63.0%	69.8	69.5	-0.3	-0.4%	63.0%	71.6	71.4	-0.2	-0.3%	63.0%	71.0	70.9	-0.1	-0.1%	63.0%	67.2	66.7	-0.5	-0.7%
64.2%	69.7	69.5	-0.2	-0.3%	64.2%	71.5	71.3	-0.2	-0.3%	64.2%	71.0	70.8	-0.2	-0.3%	64.2%	66.9	66.6	-0.3	-0.4%
65.4%	69.6	69.4	-0.2	-0.3%	65.4%	71.5	71.3	-0.2	-0.3%	65.4%	70.9	70.8	-0.1	-0.1%	65.4%	66.9	66.6	-0.3	-0.4%
66.7% 67.9%	69.5 69.4	69.4 69.4	-0.1 0.0	-0.1% 0.0%	66.7% 67.9%	71.5 71.4	71.3 71.2	-0.2 -0.2	-0.3% -0.3%	66.7% 67.9%	70.9 70.8	70.8 70.8	-0.1 0.0	-0.1% 0.0%	66.7% 67.9%	66.9 66.8	66.6 66.5	-0.3 -0.3	-0.4% -0.4%
69.1%	69.3	69.3	0.0	0.0%	69.1%	71.4	71.1	-0.2	-0.4%	69.1%	70.8	70.8	0.0	0.0%	69.1%	66.7	66.4	-0.3	-0.4%
70.4%	69.3	69.3	0.0	0.0%	70.4%	71.4	71.1	-0.3	-0.4%	70.4%	70.7	70.8	0.1	0.1%	70.4%	66.7	66.4	-0.3	-0.4%
71.6%	69.2	69.3	0.1	0.1%	71.6%	71.4	71.1	-0.3	-0.4%	71.6%	70.6	70.7	0.1	0.1%	71.6%	66.5	66.4	-0.1	-0.2%
72.8%	69.1	69.3	0.2	0.3%	72.8%	71.4	71.1	-0.3	-0.4%	72.8%	70.6	70.6	0.0	0.0%	72.8%	66.4	66.3	-0.1	-0.2%
74.1%	69.1 69.1	69.1 69.1	0.0	0.0%	74.1%	71.3	71.0	-0.3	-0.4%	74.1%	70.5	70.6 70.6	0.1 0.1	0.1%	74.1%	66.4 66.4	66.3 66.3	-0.1 -0.1	-0.2%
75.3% 76.5%	68.9	69.0	0.0 0.1	0.0%	75.3% 76.5%	71.3 71.3	70.9 70.9	-0.4 -0.4	-0.6% -0.6%	75.3% 76.5%	70.5 70.5	70.6	0.1	0.1% 0.1%	75.3% 76.5%	66.4	66.3	-0.1	-0.2% -0.2%
77.8%	68.7	68.7	0.0	0.0%	77.8%	71.2	70.9	-0.3	-0.4%	77.8%	70.5	70.5	0.0	0.0%	77.8%	66.3	66.3	0.0	0.0%
79.0%	68.7	68.6	-0.1	-0.1%	79.0%	71.1	70.8	-0.3	-0.4%	79.0%	70.5	70.4	-0.1	-0.1%	79.0%	66.3	66.2	-0.1	-0.2%
80.2%	68.6	68.5	-0.1	-0.1%	80.2%	71.1	70.7	-0.4	-0.6%	80.2%	70.4	70.4	0.0	0.0%	80.2%	66.2	66.0	-0.2	-0.3%
81.5%	68.4	68.3	-0.1	-0.1%	81.5%	71.0	70.6	-0.4	-0.6%	81.5%	70.4	70.4	0.0	0.0%	81.5%	66.2	66.0	-0.2	-0.3%
82.7% 84.0%	68.4 68.2	68.3 68.1	-0.1 -0.1	-0.1% -0.1%	82.7% 84.0%	70.9 70.8	70.6 70.6	-0.3 -0.2	-0.4% -0.3%	82.7% 84.0%	70.4 70.2	70.3 70.2	-0.1 0.0	-0.1% 0.0%	82.7% 84.0%	66.0 65.9	66.0 65.9	0.0	0.0%
85.2%	68.1	68.1	0.0	0.0%	85.2%	70.7	70.4	-0.3	-0.4%	85.2%	70.2	70.1	-0.1	-0.1%	85.2%	65.9	65.7	-0.2	-0.3%
86.4%	67.8	67.8	0.0	0.0%	86.4%	70.6	70.2	-0.4	-0.6%	86.4%	70.1	70.0	-0.1	-0.1%	86.4%	65.8	65.6	-0.2	-0.3%
87.7%	67.6	67.4	-0.2	-0.3%	87.7%	70.5	70.1	-0.4	-0.6%	87.7%	70.0	70.0	0.0	0.0%	87.7%	65.3	65.6	0.3	0.5%
88.9% 90.1%	67.4	67.4 67.4	0.0	0.0%	88.9% 90.1%	70.3	69.8 69.8	-0.5	-0.7% -0.6%	88.9% 90.1%	70.0 69.9	70.0	0.0	0.0%	88.9% 90.1%	65.2 65.2	65.6 65.4	0.4	0.6%
90.1%	67.2 67.2	67.1	-0.1	0.3%	90.1%	70.2 70.1	69.6	-0.4 -0.5	-0.6%	90.1%	69.9	70.0 69.9	0.1	0.1%	90.1%	65.0	64.4	-0.6	0.3%
92.6%	66.7	66.6	-0.1	-0.1%	92.6%	70.0	69.6	-0.4	-0.6%	92.6%	69.7	69.9	0.2	0.3%	92.6%	64.7	64.3	-0.4	-0.6%
93.8%	66.6	66.6	0.0	0.0%	93.8%	70.0	69.3	-0.7	-1.0%	93.8%	69.5	69.8	0.3	0.4%	93.8%	64.0	63.8	-0.2	-0.3%
95.1%	66.6	66.6	0.0	0.0%	95.1%	69.7	68.9	-0.8	-1.1%	95.1%	69.4	69.4	0.0	0.0%	95.1%	63.9	63.6	-0.3	-0.5%
96.3% 97.5%	66.4 66.4	66.4 66.4	0.0	0.0%	96.3% 97.5%	69.2 68.9	68.7 68.6	-0.5 -0.3	-0.7% -0.4%	96.3% 97.5%	69.1 69.1	69.2 69.0	0.1 -0.1	0.1% -0.1%	96.3% 97.5%	63.5 63.0	63.3 63.0	-0.2 0.0	-0.3% 0.0%
97.5%	65.6	65.4	-0.2	-0.3%	97.5%	68.9	68.6	-0.3	-0.4%	97.5%	69.1 68.6	68.8	-0.1	-0.1%	97.5%	62.7	62.7	0.0	0.0%
100.0%	65.6	65.4	-0.2	-0.3%	100.0%	68.9	68.6	-0.3	-0.4%	100.0%	68.6	68.8	0.2	0.3%	100.0%	62.7	62.7	0.0	0.0%
																-	-		

Table SQ-13-5a
Sacramento River at Feather River, Monthly Temperature

		Luily	term Ave	rage and A				- C - C)				
			_			, ,	erature (DI					_
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	60.6	52.4	45.6	44.8	49.5	54.2	60.5	66.0	70.3	72.1	71.6	67.6
Alternative B	60.5	52.4	45.6	44.8	49.5	54.3	60.6	66.2	70.2	71.7	71.5	67.3
Difference	-0.2	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.0	-0.4	-0.1	-0.3
Percent Difference ³	-0.3%	0.1%	0.1%	0.0%	0.0%	0.3%	0.2%	0.2%	-0.1%	-0.5%	-0.2%	-0.5%
				Water Y	ear Types	2						
Wet (32%)												
No Action Alternative	60.1	52.9	46.1	45.8	49.5	53.1	58.4	64.3	69.3	72.4	71.5	65.4
Alternative B	59.9	52.9	46.1	45.8	49.5	53.2	58.5	64.4	69.2	72.0	71.8	65.2
Difference	-0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.1	-0.1	-0.3	0.2	-0.2
Percent Difference	-0.2%	0.0%	0.1%	0.0%	0.0%	0.1%	0.1%	0.1%	-0.2%	-0.5%	0.3%	-0.39
Above Normal (15%)												
No Action Alternative	60.1	51.4	45.4	44.9	49.3	53.8	60.4	66.4	70.5	71.2	70.6	66.5
Alternative B	59.9	51.5	45.5	44.9	49.3	54.0	60.6	66.5	70.5	70.6	70.5	66.4
Difference	-0.2	0.1	0.0	0.0	0.0	0.1	0.1	0.2	0.1	-0.7	-0.1	-0.1
Percent Difference	-0.3%	0.2%	0.1%	0.0%	0.0%	0.2%	0.2%	0.3%	0.1%	-0.9%	-0.1%	-0.2%
Below Normal (17%)												
No Action Alternative	60.5	52.3	45.6	44.2	48.9	54.3	61.0	66.4	70.5	72.2	71.6	69.2
Alternative B	60.3	52.4	45.6	44.2	48.9	54.6	61.2	66.6	70.6	71.7	71.6	68.9
Difference	-0.2	0.1	0.1	0.0	0.0	0.2	0.2	0.2	0.1	-0.5	-0.1	-0.3
Percent Difference	-0.4%	0.2%	0.1%	-0.1%	0.0%	0.4%	0.3%	0.3%	0.2%	-0.6%	-0.1%	-0.4%
Dry (22%)												
No Action Alternative	60.8	52.4	45.5	44.0	49.4	54.9	61.8	67.0	71.3	71.7	71.1	68.8
Alternative B	60.7	52.4	45.6	44.0	49.4	55.1	62.0	67.1	71.4	71.2	70.7	68.3
Difference	-0.1	0.0	0.1	0.0	0.0	0.2	0.2	0.1	0.1	-0.4	-0.4	-0.5
Percent Difference	-0.2%	0.1%	0.2%	0.1%	0.0%	0.4%	0.4%	0.2%	0.1%	-0.6%	-0.5%	-0.7%
Critical (15%)												
No Action Alternative	62.3	52.4	44.6	44.5	50.4	55.5	62.5	67.3	70.2	73.2	73.1	69.7
Alternative B	62.2	52.3	44.6	44.5	50.5	55.6	62.6	67.5	69.9	73.1	72.4	69.2
Difference	-0.1	0.0	0.0	0.0	0.1	0.2	0.2	0.2	-0.4	-0.1	-0.7	-0.5
Percent Difference	-0.2%	-0.1%	0.1%	0.1%	0.2%	0.3%	0.3%	0.3%	-0.5%	-0.1%	-0.9%	-0.79

1 Based on the 82-year simulation period

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



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

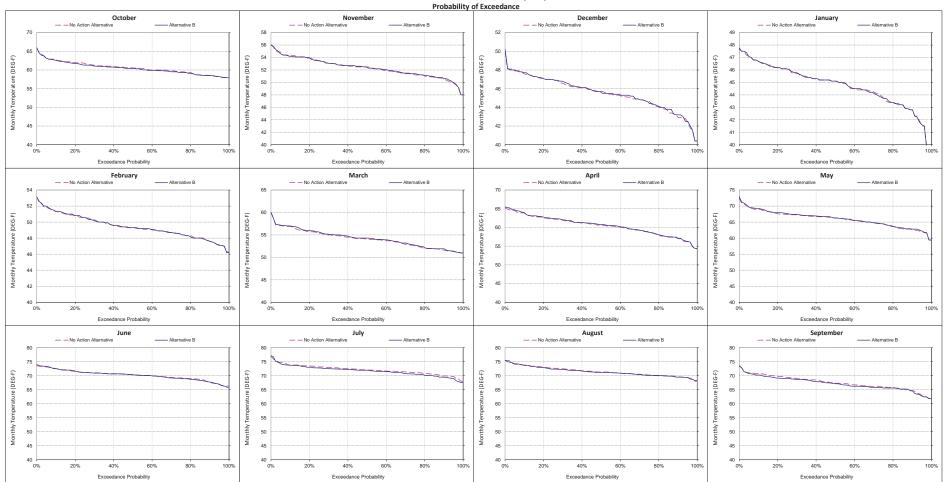


Table SQ-13-5b Sacramento River at Feather River, Monthly Temperature Probability of Exceedance

		October					November					December					January		
Percent	No Action Alternative	Alternative B	Absolute		Percent	No Action Alternative	Alternative B	Absolute		Percent	No Action Alternative	Alternative B	Absolute		Percent	No Action Alternative	Alternative B	Absolute	
Exceedance			Difference	Relative	Exceedance			Difference	Relative	Exceedance			Difference	Relative	Exceedance			Difference	Relative
Probability		Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
0.0%	(DEG-F)	(DEG-F)		0.00/		(DEG-F)	(DEG-F)	-0.1	-0.2%	(%) 0.0%	(DEG-F)	(DEG-F)		0.40/	0.0%	(DEG-F)	(DEG-F)		0.00/
	65.9 64.6	65.9 64.5	0.0 -0.1	0.0%		56.1 55.7	56.0 55.8	-0.1			50.0 48.1	50.2 48.2	0.2 0.1	0.4%	1.2%	47.8 47.5	47.7 47.5	-0.1 0.0	-0.2%
1.2% 2.5%	64.3	63.9	-0.1	-0.2% -0.6%	1.2% 2.5%	55.1	55.3	0.1	0.2%	1.2% 2.5%	48.1	48.0	-0.1	0.2% -0.2%	2.5%	47.5	47.5	0.0	0.0%
3.7%	63.7	63.8	0.1	0.2%	3.7%	54.9	55.0	0.2	0.2%	3.7%	48.1	48.0	-0.1	-0.2%	3.7%	47.2	47.4	0.0	0.4%
4.9%	63.0	63.2	0.2	0.3%	4.9%	54.9	54.6	-0.3	-0.5%	4.9%	47.9	48.0	0.1	0.2%	4.9%	47.1	47.1	0.0	0.0%
6.2%	62.9	62.9	0.0	0.0%	6.2%	54.4	54.4	0.0	0.0%	6.2%	47.9	47.9	0.0	0.0%	6.2%	47.0	47.0	0.0	0.0%
7.4%	62.9	62.8	-0.1	-0.2%	7.4%	54.4	54.4	0.0	0.0%	7.4%	47.9	47.8	-0.1	-0.2%	7.4%	46.8	46.8	0.0	0.0%
8.6%	62.9	62.7	-0.2	-0.3%	8.6%	54.4	54.3	-0.1	-0.2%	8.6%	47.8	47.8	0.0	0.0%	8.6%	46.8	46.8	0.0	0.0%
9.9%	62.7	62.6	-0.1	-0.2%	9.9%	54.3	54.2	-0.1	-0.2%	9.9%	47.6	47.7	0.1	0.2%	9.9%	46.7	46.7	0.0	0.0%
11.1%	62.5	62.4	-0.1	-0.2%	11.1%	54.3	54.2	-0.1	-0.2%	11.1%	47.5	47.7	0.2	0.4%	11.1%	46.6	46.6	0.0	0.0%
12.3%	62.5	62.3	-0.2	-0.3%	12.3%	54.3	54.1	-0.2	-0.4%	12.3%	47.5	47.5	0.0	0.0%	12.3%	46.6	46.5	-0.1	-0.2%
13.6%	62.3	62.3	0.0	0.0%	13.6%	54.1	54.1	0.0	0.0%	13.6%	47.4	47.4	0.0	0.0%	13.6%	46.5	46.5	0.0	0.0%
14.8%	62.2	62.1	-0.1	-0.2%	14.8%	54.1	54.1	0.0	0.0%	14.8%	47.3	47.3	0.0	0.0%	14.8%	46.4	46.4	0.0	0.0%
16.0%	62.2	62.0	-0.2	-0.3%	16.0%	54.1	54.1	0.0	0.0%	16.0%	47.3	47.3	0.0	0.0%	16.0%	46.4	46.3	-0.1	-0.2%
17.3%	62.2	61.9	-0.3	-0.5%	17.3%	54.1	54.1	0.0	0.0%	17.3%	47.2	47.2	0.0	0.0%	17.3%	46.2	46.3	0.1	0.2%
18.5%	62.0	61.8	-0.2	-0.3%	18.5%	53.9	54.0	0.1	0.2%	18.5%	47.1	47.2	0.1	0.2%	18.5%	46.2	46.2	0.0	0.0%
19.8%	62.0	61.7	-0.3	-0.5%	19.8%	53.9	54.0	0.1	0.2%	19.8%	47.1	47.1	0.0	0.0%	19.8%	46.2	46.2	0.0	0.0%
21.0%	61.9	61.7	-0.2	-0.3%	21.0%	53.9	53.7	-0.2	-0.4%	21.0%	47.0	47.0	0.0	0.0%	21.0%	46.1	46.2	0.1	0.2%
22.2%	61.9	61.6	-0.3	-0.5%	22.2%	53.7	53.6	-0.1	-0.2%	22.2%	47.0	47.0	0.0	0.0%	22.2%	46.1	46.1	0.0	0.0%
23.5%	61.9	61.4	-0.5	-0.8%	23.5%	53.6	53.5	-0.1	-0.2%	23.5%	47.0	47.0	0.0	0.0%	23.5%	46.1	46.1	0.0	0.0%
24.7%	61.8	61.3	-0.5	-0.8%	24.7%	53.5	53.5	0.0	0.0%	24.7%	47.0	47.0	0.0	0.0%	24.7%	46.1	46.1	0.0	0.0%
25.9%	61.5	61.3	-0.2	-0.3%	25.9%	53.5	53.4	-0.1	-0.2%	25.9%	46.9	46.9	0.0	0.0%	25.9%	46.1	46.0	-0.1	-0.2%
27.2%	61.4	61.3	-0.1	-0.2%	27.2%	53.4	53.4	0.0	0.0%	27.2%	46.9	46.9	0.0	0.0%	27.2%	45.8	45.9	0.1	0.2%
28.4%	61.4	61.2	-0.2	-0.3%	28.4%	53.2	53.1	-0.1	-0.2%	28.4%	46.6	46.8	0.2	0.4%	28.4%	45.7	45.8	0.1	0.2%
29.6%	61.3	61.1	-0.2	-0.3%	29.6%	53.1	53.1	0.0	0.0%	29.6%	46.6	46.8	0.2	0.4%	29.6%	45.7	45.8	0.1	0.2%
30.9% 32.1%	61.1 61.1	61.0 61.0	-0.1 -0.1	-0.2% -0.2%	30.9% 32.1%	53.1 53.0	53.0 53.0	-0.1 0.0	-0.2% 0.0%	30.9% 32.1%	46.5 46.4	46.7 46.6	0.2 0.2	0.4%	30.9% 32.1%	45.7 45.5	45.7 45.6	0.0 0.1	0.0%
33.3% 34.6%	61.1 61.1	60.9 60.9	-0.2 -0.2	-0.3% -0.3%	33.3% 34.6%	53.0 52.9	53.0 52.8	0.0 -0.1	0.0% -0.2%	33.3% 34.6%	46.3 46.2	46.5 46.3	0.2	0.4%	33.3% 34.6%	45.5 45.4	45.5 45.5	0.0	0.0%
35.8%	61.0	60.9	-0.2	-0.2%	35.8%	52.8	52.8	0.0	0.0%	35.8%	46.2	46.3	0.1	0.2%	35.8%	45.4 45.4	45.5 45.4	0.0	0.2%
37.0%	61.0	60.8	-0.1	-0.3%	37.0%	52.7	52.8	0.0	0.0%	37.0%	46.2	46.2	0.0	0.0%	37.0%	45.4	45.4	0.0	0.0%
38.3%	61.0	60.8	-0.2	-0.3%	38.3%	52.7	52.7	0.0	0.0%	38.3%	46.1	46.2	0.1	0.2%	38.3%	45.3	45.3	0.0	0.0%
39.5%	61.0	60.8	-0.2	-0.3%	39.5%	52.7	52.7	0.0	0.0%	39.5%	46.1	46.1	0.0	0.0%	39.5%	45.3	45.3	0.0	0.0%
40.7%	61.0	60.7	-0.3	-0.5%	40.7%	52.6	52.7	0.1	0.2%	40.7%	46.1	46.1	0.0	0.0%	40.7%	45.2	45.3	0.1	0.2%
42.0%	60.8	60.6	-0.2	-0.3%	42.0%	52.6	52.7	0.1	0.2%	42.0%	46.1	46.1	0.0	0.0%	42.0%	45.2	45.2	0.0	0.0%
43.2%	60.8	60.6	-0.2	-0.3%	43.2%	52.6	52.7	0.1	0.2%	43.2%	45.9	46.0	0.1	0.2%	43.2%	45.2	45.2	0.0	0.0%
44.4%	60.8	60.6	-0.2	-0.3%	44.4%	52.5	52.6	0.1	0.2%	44.4%	45.9	45.9	0.0	0.0%	44.4%	45.2	45.2	0.0	0.0%
45.7%	60.7	60.5	-0.2	-0.3%	45.7%	52.5	52.6	0.1	0.2%	45.7%	45.8	45.8	0.0	0.0%	45.7%	45.2	45.2	0.0	0.0%
46.9%	60.6	60.4	-0.2	-0.3%	46.9%	52.5	52.6	0.1	0.2%	46.9%	45.8	45.7	-0.1	-0.2%	46.9%	45.2	45.2	0.0	0.0%
48.1%	60.6	60.4	-0.2	-0.3%	48.1%	52.5	52.5	0.0	0.0%	48.1%	45.7	45.7	0.0	0.0%	48.1%	45.1	45.1	0.0	0.0%
49.4%	60.6	60.4	-0.2	-0.3%	49.4%	52.5	52.5	0.0	0.0%	49.4%	45.7	45.7	0.0	0.0%	49.4%	45.1	45.1	0.0	0.0%
50.6%	60.5	60.4	-0.1	-0.2%	50.6%	52.5	52.3	-0.2	-0.4%	50.6%	45.7	45.5	-0.2	-0.4%	50.6%	45.1	45.1	0.0	0.0%
51.9%	60.5	60.3	-0.2	-0.3%	51.9%	52.3	52.3	0.0	0.0%	51.9%	45.6	45.5	-0.1	-0.2%	51.9%	45.0	45.0	0.0	0.0%
53.1%	60.5	60.3	-0.2	-0.3%	53.1%	52.2	52.3	0.1	0.2%	53.1%	45.5	45.5	0.0	0.0%	53.1%	45.0	45.0	0.0	0.0%
54.3%	60.4	60.1	-0.3	-0.5%	54.3%	52.2	52.2	0.0	0.0%	54.3%	45.4	45.5	0.1	0.2%	54.3%	44.9	45.0	0.1	0.2%
55.6%	60.4	60.0	-0.4	-0.7%	55.6%	52.1	52.2	0.1	0.2%	55.6%	45.4	45.5	0.1	0.2%	55.6%	44.9	44.9	0.0	0.0%
56.8%	60.2	60.0	-0.2	-0.3%	56.8%	52.1	52.2	0.1	0.2%	56.8%	45.3	45.4	0.1	0.2%	56.8%	44.7	44.7	0.0	0.0%
58.0%	60.1	59.9	-0.2	-0.3%	58.0%	52.0	52.1	0.1	0.2%	58.0%	45.3	45.4	0.1	0.2%	58.0%	44.5	44.6	0.1	0.2%
59.3%	60.0	59.9	-0.1	-0.2%	59.3%	51.9	52.1	0.2	0.4%	59.3%	45.3	45.4	0.1	0.2%	59.3%	44.5	44.5	0.0	0.0%
60.5%	60.0	59.9 59.9	-0.1	-0.2%	60.5%	51.9 51.8	52.0 51.9	0.1	0.2%	60.5%	45.2	45.3	0.1	0.2%	60.5% 61.7%	44.4 44.4	44.5 44.5	0.1	0.2%
61.7%		59.9 59.8	-0.1	-0.2%	61.7%			0.1	0.2%	61.7% 63.0%	45.2 45.1	45.3 45.3	0.1	0.2%	63.0%	44.4 44.4	44.5 44.5	0.1	0.2%
63.0% 64.2%	60.0	59.8 59.8	-0.2 -0.2	-0.3%	63.0% 64.2%	51.8 51.7	51.9 51.8	0.1	0.2%		45.1 45.1	45.3 45.3	0.2	0.4%	64.2%	44.4 44.4	44.5 44.4	0.1	0.2%
65.4%	60.0	59.8 59.8	-0.2	-0.3% -0.3%	65.4%	51.7 51.6	51.8 51.8	0.1	0.2%	64.2% 65.4%	45.1 45.0	45.3 45.2	0.2	0.4%	65.4%	44.4 44.4	44.4 44.4	0.0	0.0%
66.7%	60.0	59.7	-0.2	-0.5%	66.7%	51.6	51.7	0.2	0.4%	66.7%	44.9	45.2 45.2	0.2	0.4%	66.7%	44.4	44.4	-0.1	-0.2%
67.9%	59.9	59.7	-0.3	-0.5%	67.9%	51.5	51.6	0.1	0.2%	67.9%	44.9	44.9	0.0	0.0%	67.9%	44.4	44.3	-0.1	-0.2%
69.1%	59.9	59.6	-0.2	-0.5%	69.1%	51.4	51.5	0.1	0.2%	69.1%	44.9	44.9	0.0	0.0%	69.1%	44.3	44.2	-0.1	-0.2%
70.4%	59.8	59.5	-0.3	-0.5%	70.4%	51.4	51.5	0.1	0.2%	70.4%	44.8	44.8	0.0	0.0%	70.4%	44.2	44.1	-0.1	-0.2%
71.6%	59.7	59.5	-0.2	-0.3%	71.6%	51.4	51.5	0.1	0.2%	71.6%	44.8	44.8	0.0	0.0%	71.6%	44.1	44.0	-0.1	-0.2%
72.8%	59.6	59.5	-0.1	-0.2%	72.8%	51.4	51.4	0.0	0.0%	72.8%	44.7	44.7	0.0	0.0%	72.8%	44.1	43.9	-0.2	-0.5%
74.1%	59.5	59.3	-0.2	-0.3%	74.1%	51.3	51.4	0.1	0.2%	74.1%	44.6	44.6	0.0	0.0%	74.1%	43.9	43.8	-0.1	-0.2%
75.3%	59.5	59.3	-0.2	-0.3%	75.3%	51.2	51.4	0.2	0.4%	75.3%	44.6	44.4	-0.2	-0.4%	75.3%	43.7	43.7	0.0	0.0%
76.5%	59.5	59.3	-0.2	-0.3%	76.5%	51.2	51.3	0.1	0.2%	76.5%	44.3	44.4	0.1	0.2%	76.5%	43.5	43.7	0.2	0.5%
77.8%	59.3	59.3	0.0	0.0%	77.8%	51.2	51.2	0.0	0.0%	77.8%	44.2	44.3	0.1	0.2%	77.8%	43.4	43.5	0.1	0.2%
79.0%	59.3	59.1	-0.2	-0.3%	79.0%	51.2	51.2	0.0	0.0%	79.0%	44.1	44.2	0.1	0.2%	79.0%	43.4	43.4	0.0	0.0%
80.2%	59.3	59.0	-0.3	-0.5%	80.2%	51.0	51.1	0.1	0.2%	80.2%	44.1	44.0	-0.1	-0.2%	80.2%	43.3	43.4	0.1	0.2%
81.5%	58.9	59.0	0.1	0.2%	81.5%	50.9	51.1	0.2	0.4%	81.5%	44.0	44.0	0.0	0.0%	81.5%	43.3	43.3	0.0	0.0%
82.7%	58.8	58.7	-0.1	-0.2%	82.7%	50.9	51.0	0.1	0.2%	82.7%	43.8	44.0	0.2	0.5%	82.7%	43.2	43.3	0.1	0.2%
84.0%	58.7	58.7	0.0	0.0%	84.0%	50.9	51.0	0.1	0.2%	84.0%	43.8	43.8	0.0	0.0%	84.0%	43.2	43.2	0.0	0.0%
85.2%	58.7	58.6	-0.1	-0.2%	85.2%	50.8	50.9	0.1	0.2%	85.2%	43.4	43.8	0.4	0.9%	85.2%	43.2	43.2	0.0	0.0%
86.4%	58.6	58.5	-0.1	-0.2%	86.4%	50.8	50.8	0.0	0.0%	86.4%	43.4	43.8	0.4	0.9%	86.4%	42.9	42.9	0.0	0.0%
87.7%	58.6	58.5	-0.1	-0.2%	87.7%	50.7	50.8	0.1	0.2%	87.7%	43.3	43.3	0.0	0.0%	87.7%	42.9	42.9	0.0	0.0%
88.9%	58.6	58.5	-0.1	-0.2%	88.9%	50.7	50.8	0.1	0.2%	88.9%	43.2	43.2	0.0	0.0%	88.9%	42.8	42.8	0.0	0.0%
90.1%	58.5	58.5	0.0	0.0%	90.1%	50.7	50.6	-0.1	-0.2%	90.1%	42.9	43.2	0.3	0.7%	90.1%	42.8	42.8	0.0	0.0%
91.4%	58.4	58.5	0.1	0.2%	91.4%	50.3	50.6	0.3	0.6%	91.4%	42.9	43.2	0.3	0.7%	91.4%	42.3	42.3	0.0	0.0%
92.6%	58.3	58.4	0.1	0.2%	92.6%	50.2	50.4	0.2	0.4%	92.6%	42.9	43.0	0.1	0.2%	92.6%	42.3	42.2	-0.1	-0.2%
93.8%	58.3	58.2	-0.1	-0.2%	93.8%	50.1	50.2	0.1	0.2%	93.8%	42.8	42.5	-0.3	-0.7%	93.8%	41.9	41.8	-0.1	-0.2%
95.1%	58.1	58.2	0.1	0.2%	95.1%	50.0	49.9	-0.1	-0.2%	95.1%	42.4	42.5	0.1	0.2%	95.1%	41.5	41.6	0.1	0.2%
96.3%	58.1	58.0	-0.1	-0.2%	96.3%	49.7	49.6	-0.1	-0.2%	96.3%	41.8	42.0	0.2	0.5%	96.3%	41.5	41.5	0.0	0.0%
97.5%	58.0	58.0	0.0	0.0%	97.5%	49.3	49.2	-0.1	-0.2%	97.5%	41.5	41.6	0.1	0.2%	97.5%	39.7	39.8	0.1	0.3%
98.8%	57.9	57.9	0.0	0.0%	98.8%	48.1	48.0	-0.1	-0.2%	98.8%	40.4	40.4	0.0	0.0%	98.8%	39.0	39.0	0.0	0.0%
100.0%	57.9	57.9	0.0	0.0%	100.0%	48.1	48.0	-0.1	-0.2%	100.0%	40.4	40.4	0.0	0.0%	100.0%	39.0	39.0	0.0	0.0%

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

April

March

February

Percent		rebluary			Percent		March			Percent		Aprii			Percent		Iviay		
Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	53.2	53.1	-0.1	-0.2%	0.0%	60.0	60.0	0.0	0.0%	0.0%	65.3	65.5	0.2	0.3%	0.0%	72.5	73.0	0.5	0.7%
1.2%	52.4	52.6	0.2	0.4%	1.2%	58.8	58.8	0.0	0.0%	1.2%	64.9	65.3	0.4	0.6%	1.2%	70.9	71.3	0.4	0.6%
2.5%	52.4	52.3	-0.1	-0.2%	2.5%	57.2	57.4	0.2	0.3%	2.5%	64.7	65.2	0.5	0.8%	2.5%	70.8	70.9	0.1	0.1%
3.7%	51.9	52.0	0.1	0.2%	3.7%	57.1	57.3	0.2	0.4%	3.7%	64.6	64.8	0.2	0.3%	3.7%	70.0	70.4	0.4	0.6%
4.9%	51.9	52.0	0.1	0.2%	4.9%	57.1	57.2	0.1	0.2%	4.9%	64.5	64.7	0.2	0.3%	4.9%	70.0	69.7	-0.3	-0.4%
6.2%	51.7	51.8	0.1	0.2%	6.2%	57.0	57.1	0.1	0.2%	6.2%	64.1	64.5	0.4	0.6%	6.2%	69.3	69.5	0.2	0.3%
7.4%	51.6	51.6	0.0	0.0%	7.4%	57.0	57.1	0.1	0.2%	7.4%	63.9	64.4	0.5	0.8%	7.4%	69.1	69.4	0.3	0.4%
8.6%	51.6	51.5	-0.1	-0.2%	8.6%	56.9	57.0	0.1	0.2%	8.6%	63.9	64.1	0.2	0.3%	8.6%	69.0	69.3	0.3	0.4%
9.9%	51.3	51.3	0.0	0.0%	9.9%	56.9	57.0	0.1	0.2%	9.9%	63.9	64.0	0.1	0.2%	9.9%	69.0	69.3	0.3	0.4%
11.1%	51.3	51.3	0.0	0.0%	11.1%	56.8	56.9	0.1	0.2%	11.1%	63.4	63.4	0.0	0.0%	11.1%	69.0	69.1	0.1	0.1%
12.3%	51.2	51.3	0.1	0.2%	12.3%	56.5	56.9	0.4	0.7%	12.3%	63.2	63.2	0.0	0.0%	12.3%	68.6	69.0	0.4	0.6%
13.6%	51.1	51.2	0.1	0.2%	13.6%	56.2	56.7	0.5	0.9%	13.6%	63.1	63.1	0.0	0.0%	13.6%	68.6	68.7	0.1	0.1%
14.8%	51.1	51.0	-0.1	-0.2%	14.8%	56.1	56.5	0.4	0.7%	14.8%	62.9	63.1	0.2	0.3%	14.8%	68.3	68.3	0.0	0.0%
16.0%	51.0	51.0	0.0	0.0%	16.0%	56.0	56.2	0.2	0.4%	16.0%	62.9	63.1	0.2	0.3%	16.0%	68.2	68.2	0.0	0.0%
17.3%	50.9	51.0	0.1	0.2%	17.3%	56.0	56.1	0.1	0.2%	17.3%	62.8	63.0	0.2	0.3%	17.3%	68.0	68.1	0.1	0.1%
18.5%	50.9	51.0	0.1	0.2%	18.5%	55.8	56.0	0.2	0.4%	18.5%	62.8	63.0	0.2	0.3%	18.5%	67.8	68.0	0.2	0.3%
19.8%	50.8	50.8	0.0	0.0%	19.8%	55.8	56.0	0.2	0.4%	19.8%	62.6	62.8	0.2	0.3%	19.8%	67.7	67.9	0.2	0.3%
21.0%	50.8	50.8	0.0	0.0%	21.0%	55.7	55.9	0.2	0.4%	21.0%	62.5	62.6	0.1	0.2%	21.0%	67.5	67.9	0.4	0.6%
22.2%	50.6	50.8	0.2	0.4%	22.2%	55.7	55.9	0.2	0.4%	22.2%	62.4	62.6	0.2	0.3%	22.2%	67.5	67.9	0.4	0.6%
23.5%	50.6	50.6	0.0	0.0%	23.5%	55.6	55.7	0.2	0.4%	23.5%	62.3	62.5	0.2	0.3%	23.5%	67.5	67.8	0.4	0.4%
24.7%	50.6	50.6		0.0%		55.4	55.7					62.4				67.4	67.7		
25.9%	50.5	50.5	0.0	0.0%	24.7% 25.9%	55.4	55.5	0.3	0.5% 0.2%	24.7% 25.9%	62.3 62.2	62.4	0.1	0.2%	24.7% 25.9%	67.3	67.5	0.3 0.2	0.4%
	50.5 50.5	50.5		-0.4%		55.4 55.2	55.3	0.1			62.2	62.4	0.2	0.3%		67.3	67.4	0.2	
27.2%			-0.2		27.2%				0.2%	27.2%					27.2%				0.1%
28.4%	50.3	50.3	0.0	0.0%	28.4%	55.1	55.2	0.1	0.2%	28.4%	62.2	62.3	0.1	0.2%	28.4%	67.3	67.4 67.4	0.1	0.1%
29.6%	50.3	50.2	-0.1	-0.2%	29.6%	55.0	55.2	0.2	0.4%	29.6%	62.0	62.1	0.1	0.2%	29.6%	67.3		0.1	0.1%
30.9%	50.2	50.1	-0.1	-0.2%	30.9%	55.0	55.1	0.1	0.2%	30.9%	61.8	62.0	0.2	0.3%	30.9%	67.2	67.3	0.1	0.1%
32.1%	50.0	50.0	0.0	0.0%	32.1%	54.9	55.1	0.2	0.4%	32.1%	61.8	61.9	0.1	0.2%	32.1%	67.1	67.2	0.1	0.1%
33.3%	50.0	50.0	0.0	0.0%	33.3%	54.9	55.0	0.1	0.2%	33.3%	61.6	61.9	0.3	0.5%	33.3%	67.1	67.1	0.0	0.0%
34.6%	50.0	50.0	0.0	0.0%	34.6%	54.8	55.0	0.2	0.4%	34.6%	61.6	61.8	0.2	0.3%	34.6%	67.0	67.1	0.1	0.1%
35.8%	49.9	49.9	0.0	0.0%	35.8%	54.8	55.0	0.2	0.4%	35.8%	61.4	61.4	0.0	0.0%	35.8%	66.9	67.1	0.2	0.3%
37.0%	49.8	49.9	0.1	0.2%	37.0%	54.7	54.9	0.2	0.4%	37.0%	61.4	61.3	-0.1	-0.2%	37.0%	66.8	67.0	0.2	0.3%
38.3%	49.7	49.7	0.0	0.0%	38.3%	54.6	54.8	0.2	0.4%	38.3%	61.3	61.3	0.0	0.0%	38.3%	66.8	67.0	0.2	0.3%
39.5%	49.6	49.6	0.0	0.0%	39.5%	54.5	54.8	0.3	0.6%	39.5%	61.2	61.3	0.1	0.2%	39.5%	66.7	66.9	0.2	0.3%
40.7%	49.6	49.6	0.0	0.0%	40.7%	54.5	54.6	0.1	0.2%	40.7%	61.2	61.3	0.1	0.2%	40.7%	66.7	66.9	0.2	0.3%
42.0%	49.5	49.6	0.1	0.2%	42.0%	54.4	54.5	0.1	0.2%	42.0%	61.2	61.2	0.0	0.0%	42.0%	66.7	66.8	0.1	0.1%
43.2%	49.4	49.5	0.1	0.2%	43.2%	54.3	54.4	0.1	0.2%	43.2%	61.1	61.2	0.1	0.2%	43.2%	66.7	66.8	0.1	0.1%
44.4%	49.4	49.4	0.0	0.0%	44.4%	54.2	54.3	0.1	0.2%	44.4%	60.9	61.2	0.3	0.5%	44.4%	66.7	66.7	0.0	0.0%
45.7%	49.4	49.4	0.0	0.0%	45.7%	54.2	54.3	0.1	0.2%	45.7%	60.9	61.0	0.1	0.2%	45.7%	66.6	66.7	0.1	0.2%
46.9%	49.3	49.4	0.1	0.2%	46.9%	54.2	54.3	0.1	0.2%	46.9%	60.9	61.0	0.1	0.2%	46.9%	66.4	66.7	0.3	0.5%
48.1%	49.3	49.3	0.0	0.0%	48.1%	54.2	54.3	0.1	0.2%	48.1%	60.6	60.9	0.3	0.5%	48.1%	66.4	66.5	0.1	0.2%
49.4%	49.3	49.3	0.0	0.0%	49.4%	54.1	54.3	0.2	0.4%	49.4%	60.6	60.8	0.2	0.3%	49.4%	66.3	66.3	0.0	0.0%
50.6%	49.3	49.3	0.0	0.0%	50.6%	54.1	54.3	0.2	0.4%	50.6%	60.5	60.8	0.3	0.5%	50.6%	66.3	66.3	0.0	0.0%
51.9%	49.2	49.3	0.1	0.2%	51.9%	54.0	54.2	0.2	0.4%	51.9%	60.5	60.7	0.2	0.3%	51.9%	66.2	66.2	0.0	0.0%
53.1%	49.2	49.2	0.0	0.0%	53.1%	54.0	54.2	0.2	0.4%	53.1%	60.4	60.6	0.2	0.3%	53.1%	66.1	66.1	0.0	0.0%
54.3%	49.2	49.2	0.0	0.0%	54.3%	53.9	54.0	0.1	0.2%	54.3%	60.4	60.6	0.2	0.3%	54.3%	66.1	66.0	-0.1	-0.2%
55.6%	49.1	49.2	0.1	0.2%	55.6%	53.9	54.0	0.1	0.2%	55.6%	60.4	60.5	0.1	0.2%	55.6%	65.8	66.0	0.2	0.3%
56.8%	49.1	49.2	0.1	0.2%	56.8%	53.9	54.0	0.1	0.2%	56.8%	60.3	60.5	0.2	0.3%	56.8%	65.7	65.9	0.2	0.3%
58.0%	49.1	49.2	0.1	0.2%	58.0%	53.8	54.0	0.2	0.4%	58.0%	60.1	60.4	0.3	0.5%	58.0%	65.7	65.9	0.2	0.3%
59.3%	49.1	49.1	0.0	0.0%	59.3%	53.7	53.9	0.2	0.4%	59.3%	60.1	60.3	0.2	0.3%	59.3%	65.6	65.5	-0.1	-0.2%
60.5%	49.0	49.1	0.1	0.2%	60.5%	53.7	53.9	0.2	0.4%	60.5%	60.0	60.1	0.1	0.2%	60.5%	65.5	65.5	0.0	0.0%
61.7%	49.0	49.0	0.0	0.0%	61.7%	53.7	53.8	0.1	0.2%	61.7%	59.9	60.1	0.2	0.3%	61.7%	65.5	65.4	-0.1	-0.2%
63.0%	48.9	48.9	0.0	0.0%	63.0%	53.7	53.7	0.0	0.0%	63.0%	59.8	60.0	0.2	0.3%	63.0%	65.2	65.4	0.2	0.3%
64.2%	48.9	48.9	0.0	0.0%	64.2%	53.5	53.6	0.1	0.2%	64.2%	59.6	59.7	0.1	0.2%	64.2%	65.1	65.3	0.2	0.3%
65.4%	48.9	48.9	0.0	0.0%	65.4%	53.4	53.6	0.2	0.4%	65.4%	59.6	59.6	0.0	0.0%	65.4%	65.0	65.1	0.1	0.2%
66.7%	48.8	48.8	0.0	0.0%	66.7%	53.4	53.4	0.0	0.0%	66.7%	59.4	59.5	0.1	0.2%	66.7%	65.0	65.0	0.0	0.0%
67.9%	48.7	48.8	0.1	0.2%	67.9%	53.2	53.2	0.0	0.0%	67.9%	59.3	59.5	0.2	0.3%	67.9%	65.0	65.0	0.0	0.0%
69.1%	48.7	48.7	0.0	0.0%	69.1%	53.0	53.2	0.2	0.4%	69.1%	59.3	59.4	0.1	0.2%	69.1%	64.9	64.9	0.0	0.0%
70.4%	48.7	48.7	0.0	0.0%	70.4%	52.9	53.2	0.3	0.6%	70.4%	59.2	59.2	0.0	0.0%	70.4%	64.8	64.7	-0.1	-0.2%
71.6%	48.7	48.6	-0.1	-0.2%	71.6%	52.9	53.0	0.1	0.2%	71.6%	59.0	59.2	0.2	0.3%	71.6%	64.6	64.7	0.1	0.2%
72.8%	48.6	48.6	0.0	0.0%	72.8%	52.7	52.9	0.2	0.4%	72.8%	58.9	58.9	0.0	0.0%	72.8%	64.5	64.6	0.1	0.2%
74.1%	48.6	48.6	0.0	0.0%	74.1%	52.7	52.8	0.1	0.2%	74.1%	58.8	58.9	0.1	0.2%	74.1%	64.4	64.5	0.1	0.2%
75.3%	48.4	48.4	0.0	0.0%	75.3%	52.5	52.7	0.2	0.4%	75.3%	58.6	58.6	0.0	0.0%	75.3%	64.4	64.4	0.0	0.0%
76.5%	48.4	48.4	0.0	0.0%	76.5%	52.4	52.6	0.2	0.4%	76.5%	58.5	58.6	0.1	0.2%	76.5%	64.1	64.1	0.0	0.0%
77.8%	48.3	48.3	0.0	0.0%	77.8%	52.3	52.4	0.1	0.2%	77.8%	58.4	58.4	0.0	0.0%	77.8%	63.9	64.0	0.1	0.2%
79.0%	48.3	48.3	0.0	0.0%	79.0%	52.1	52.4	0.3	0.6%	79.0%	58.0	58.2	0.2	0.3%	79.0%	63.6	63.9	0.3	0.5%
80.2%	48.3	48.1	-0.2	-0.4%	80.2%	52.1	52.1	0.0	0.0%	80.2%	57.8	58.0	0.2	0.3%	80.2%	63.6	63.6	0.0	0.0%
81.5%	48.1	48.0	-0.2	-0.4%	81.5%	52.0	52.0	0.0	0.0%	81.5%	57.7	57.9	0.2	0.3%	81.5%	63.5	63.4	-0.1	-0.2%
82.7%	48.0	48.0	0.0	0.0%	82.7%	52.0	52.0	0.0	0.0%	82.7%	57.7	57.7	0.0	0.0%	82.7%	63.0	63.4	0.4	0.6%
84.0%	48.0	48.0	0.0	0.0%	84.0%	51.9	52.0	0.0	0.0%	84.0%	57.5	57.6	0.0	0.2%	84.0%	63.0	63.2	0.4	0.8%
85.2%	48.0	48.0	0.0	0.0%	85.2%	51.9	52.0	0.0	0.2%	85.2%	57.4	57.5 57.5	0.1	0.2%	85.2%	62.9	63.2	0.2	0.5%
	48.0 47.9	48.0 48.0			00.2%										00.2%		62.9		0.5%
86.4%	47.9 47.8	48.0 47.8	0.1	0.2%	86.4%	51.9 51.8	51.9 51.9	0.0	0.0%	86.4%	57.4	57.5	0.1	0.2%	86.4%	62.8 62.8	62.9 62.9	0.1	0.2%
87.7%			0.0	0.0%	87.7%			0.1	0.2%	87.7%	57.4	57.4	0.0	0.0%	87.7%			0.1	0.2%
88.9%	47.7	47.7	0.0	0.0%	88.9%	51.7	51.9	0.2	0.4%	88.9%	57.3	57.4	0.1	0.2%	88.9%	62.8	62.9	0.1	0.2%
90.1%	47.6	47.6	0.0	0.0%	90.1%	51.6	51.9	0.3	0.6%	90.1%	57.0	57.1	0.1	0.2%	90.1%	62.7	62.8	0.1	0.2%
91.4%	47.5	47.5	0.0	0.0%	91.4%	51.5	51.6	0.1	0.2%	91.4%	57.0	57.1	0.1	0.2%	91.4%	62.5	62.8	0.3	0.5%
92.6%	47.4	47.4	0.0	0.0%	92.6%	51.4	51.5	0.1	0.2%	92.6%	56.4	56.6	0.2	0.4%	92.6%	62.4	62.8	0.4	0.6%
93.8%	47.2	47.2	0.0	0.0%	93.8%	51.4	51.4	0.0	0.0%	93.8%	56.2	56.4	0.2	0.4%	93.8%	62.2	62.5	0.3	0.5%
95.1%	47.2	47.1	-0.1	-0.2%	95.1%	51.3	51.4	0.1	0.2%	95.1%	56.2	56.2	0.0	0.0%	95.1%	62.1	62.2	0.1	0.2%
96.3%	47.1	47.1	0.0	0.0%	96.3%	51.2	51.2	0.0	0.0%	96.3%	56.0	56.1	0.1	0.2%	96.3%	61.7	61.8	0.1	0.2%
97.5%	47.0	47.0	0.0	0.0%	97.5%	51.2	51.1	-0.1	-0.2%	97.5%	54.9	54.9	0.0	0.0%	97.5%	61.6	61.7	0.1	0.2%
98.8%	46.3	46.2	-0.1	-0.2%	98.8%	51.0	51.0	0.0	0.0%	98.8%	54.3	54.4	0.1	0.2%	98.8%	59.4	59.4	0.0	0.0%
100.0%	46.3	46.2	-0.1	-0.2%	100.0%	51.0	51.0	0.0	0.0%	100.0%	54.3	54.4	0.1	0.2%	100.0%	59.4	59.4	0.0	0.0%

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

August

September

Percent		June			Percent		,			Percent		August			Percent				
Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	73.5	74.0	0.5	0.7%		76.9	77.1	0.2	0.3%	0.0%	75.4	75.5	0.1	0.1%	0.0%	73.5	73.5	0.0	0.0%
1.2%	73.4	73.5	0.1	0.1%	1.2%	76.0	76.7	0.7	0.9%	1.2%	75.4	75.0	-0.4	-0.5%	1.2%	72.9	72.8	-0.1	-0.1%
2.5%	73.3	73.4	0.1	0.1%	2.5%	75.3	75.1	-0.2	-0.3%	2.5%	75.3	74.8	-0.5	-0.7%	2.5%	71.5	71.4	-0.1	-0.1%
3.7%	73.2	73.4	0.2	0.3%	3.7%	74.7	75.0	0.3	0.4%	3.7%	74.4	74.6	0.2	0.3%	3.7%	71.1	71.2	0.1	0.1%
4.9%	73.1	73.3	0.2	0.3%	4.9%	74.7	74.2	-0.5	-0.7%	4.9%	74.1	74.2	0.1	0.1%	4.9%	71.1	70.7	-0.4	-0.6%
6.2%	73.0	73.1	0.1	0.1%	6.2%	74.7	74.0	-0.7	-0.9%	6.2%	74.0	74.2	0.2	0.3%	6.2%	70.9	70.7	-0.2	-0.3%
7.4%	72.8	72.9	0.1	0.1%	7.4%	74.5	73.8	-0.7	-0.9%	7.4%	74.0	74.1	0.1	0.1%	7.4%	70.9	70.5	-0.4	-0.6%
8.6%	72.7	72.5	-0.2	-0.3%	8.6%	73.9	73.8	-0.1	-0.1%	8.6%	73.8	73.9	0.1	0.1%	8.6%	70.7	70.2	-0.5	-0.7%
9.9%	72.5	72.5	0.0	0.0%	9.9%	73.8	73.7	-0.1	-0.1%	9.9%	73.8	73.7	-0.1	-0.1%	9.9%	70.7	70.2	-0.5	-0.7%
11.1%	72.4	72.3	-0.1	-0.1%	11.1%	73.8	73.7	-0.1	-0.1%	11.1%	73.8	73.6	-0.2	-0.3%	11.1%	70.7	70.2	-0.5	-0.7%
12.3%	72.3	72.1	-0.2	-0.3%	12.3%	73.8	73.7	-0.1	-0.1%	12.3%	73.7	73.5	-0.2	-0.3%	12.3%	70.6	69.9	-0.7	-1.0%
13.6%	72.1	72.0	-0.1	-0.1%	13.6%	73.8	73.6	-0.2	-0.3%	13.6%	73.4	73.3	-0.1	-0.1%	13.6%	70.4	69.7	-0.7	-1.0%
14.8%	72.1	72.0	-0.1	-0.1%	14.8%	73.7	73.5	-0.2	-0.3%	14.8%	73.4	73.3	-0.1	-0.1%	14.8%	70.3	69.6	-0.7	-1.0%
16.0%	71.8	72.0	0.2	0.3%	16.0%	73.6	73.3	-0.3	-0.4%	16.0%	73.4	73.1	-0.3	-0.4%	16.0%	70.1	69.6	-0.5	-0.7%
17.3%	71.8	72.0	0.2	0.3%	17.3%	73.5	73.3	-0.2	-0.3%	17.3%	73.3	72.9	-0.4	-0.5%	17.3%	70.0	69.4	-0.6	-0.9%
18.5%	71.6	71.8	0.2	0.3%	18.5%	73.5	73.0	-0.5	-0.7%	18.5%	73.2	72.9	-0.3	-0.4%	18.5%	69.9	69.2	-0.7	-1.0%
19.8%	71.5	71.7	0.2	0.3%	19.8%	73.5	73.0	-0.5	-0.7%	19.8%	73.0	72.9	-0.1	-0.1%	19.8%	69.7	69.2	-0.5	-0.7%
21.0%	71.5	71.4	-0.1	-0.1%	21.0%	73.4	73.0	-0.4	-0.5%	21.0%	73.0	72.7	-0.3	-0.4%	21.0%	69.7	69.1	-0.6	-0.9%
22.2%	71.3	71.3	0.0	0.0%	22.2%	73.4	72.8	-0.6	-0.8%	22.2%	72.9	72.6	-0.3	-0.4%	22.2%	69.7	69.0	-0.7	-1.0%
23.5%	71.2	71.1	-0.1	-0.1%	23.5%	73.3	72.8	-0.5	-0.7%	23.5%	72.7	72.4	-0.3	-0.4%	23.5%	69.5	69.0	-0.5	-0.7%
24.7%	71.2	71.1	-0.1	-0.1%	24.7%	73.1	72.7	-0.4	-0.5%	24.7%	72.7	72.3	-0.4	-0.6%	24.7%	69.4	69.0	-0.4	-0.6%
25.9%	71.1	71.1	0.0	0.0%	25.9%	73.1	72.7	-0.4	-0.5%	25.9%	72.6	72.3	-0.3	-0.4%	25.9%	69.3	69.0	-0.3	-0.4%
27.2%	71.1	71.0	-0.1	-0.1%	27.2%	73.1	72.6	-0.5	-0.7%	27.2%	72.6	72.3	-0.3	-0.4%	27.2%	69.2	68.8	-0.4	-0.6%
28.4%	71.0	71.0	0.0	0.0%	28.4%	72.9	72.6	-0.3	-0.4%	28.4%	72.6	72.2	-0.4	-0.6%	28.4%	69.1	68.8	-0.3	-0.4%
29.6%	71.0	70.9	-0.1	-0.1%	29.6%	72.9	72.5	-0.4	-0.5%	29.6%	72.5	72.2	-0.3	-0.4%	29.6%	69.0	68.7	-0.3	-0.4%
30.9%	71.0	70.9	-0.1	-0.1%	30.9%	72.9	72.5	-0.4	-0.5%	30.9%	72.4	72.1	-0.3	-0.4%	30.9%	68.9	68.7	-0.2	-0.3%
32.1%	71.0	70.9	-0.1	-0.1%	32.1%	72.9	72.4	-0.5	-0.7%	32.1%	72.3	72.1	-0.2	-0.3%	32.1%	68.9	68.6	-0.3	-0.4%
33.3%	70.8	70.9	0.1	0.1%	33.3%	72.8	72.4	-0.4	-0.5%	33.3%	72.2	71.9	-0.3	-0.4%	33.3%	68.7	68.6	-0.1	-0.1%
34.6%	70.8	70.8	0.0	0.0%	34.6%	72.8	72.4	-0.4	-0.5%	34.6%	72.1	71.8	-0.3	-0.4%	34.6%	68.7	68.5	-0.2	-0.3%
35.8%	70.8	70.8	0.0	0.0%	35.8%	72.6	72.3	-0.3	-0.4%	35.8%	72.1	71.8	-0.3	-0.4%	35.8%	68.6	68.4	-0.2	-0.3%
37.0%	70.7	70.6	-0.1	-0.1%	37.0%	72.6	72.3	-0.3	-0.4%	37.0%	72.0	71.8	-0.2	-0.3%	37.0%	68.5	68.2	-0.3	-0.4%
38.3%	70.7	70.6	-0.1	-0.1%	38.3%	72.5	72.2	-0.3	-0.4%	38.3%	71.8	71.8	0.0	0.0%	38.3%	68.5	68.0	-0.5	-0.7%
39.5%	70.7	70.6	-0.1	-0.1%	39.5%	72.5	72.2	-0.3	-0.4%	39.5%	71.8	71.7	-0.1	-0.1%	39.5%	68.5	67.9	-0.6	-0.9%
40.7%	70.7	70.6	-0.1	-0.1%	40.7%	72.5	72.2	-0.3	-0.4%	40.7%	71.7	71.6	-0.1	-0.1%	40.7%	68.3	67.8	-0.5	-0.7%
42.0%	70.7	70.6	-0.1	-0.1%	42.0%	72.4	72.1	-0.3	-0.4%	42.0%	71.6	71.4	-0.2	-0.3%	42.0%	68.2	67.8	-0.4	-0.6%
43.2%	70.7	70.6	-0.1	-0.1%	43.2%	72.4	72.1	-0.3	-0.4%	43.2%	71.6	71.4	-0.2	-0.3%	43.2%	67.9	67.7	-0.2	-0.3%
44.4%	70.6	70.6	0.0	0.0%	44.4%	72.3	72.0	-0.3	-0.4%	44.4%	71.6	71.3	-0.3	-0.4%	44.4%	67.9	67.5	-0.4	-0.6%
45.7%	70.6	70.5	-0.1	-0.1%	45.7%	72.3	71.9	-0.4	-0.6%	45.7%	71.5	71.3	-0.2	-0.3%	45.7%	67.8	67.4	-0.4	-0.6%
46.9%	70.4	70.5	0.1	0.1%	46.9%	72.1	71.9	-0.2	-0.3%	46.9%	71.4	71.2	-0.2	-0.3%	46.9%	67.6	67.4	-0.2	-0.3%
48.1%	70.4	70.4	0.0	0.0%	48.1%	72.1	71.9	-0.2	-0.3%	48.1%	71.3	71.2	-0.1	-0.1%	48.1%	67.5	67.3	-0.2	-0.3%
49.4%	70.3	70.4	0.1	0.1%	49.4%	72.1	71.9	-0.2	-0.3%	49.4%	71.3	71.1	-0.2	-0.3%	49.4%	67.5	67.2	-0.3	-0.4%
50.6%	70.2	70.3	0.1	0.1%	50.6%	72.0	71.9	-0.1	-0.1%	50.6%	71.3	71.1	-0.2	-0.3%	50.6%	67.3	67.1	-0.2	-0.3%
51.9%	70.2	70.2	0.0	0.0%	51.9%	72.0	71.7	-0.3	-0.4%	51.9%	71.3	71.1	-0.2	-0.3%	51.9%	67.3	67.1	-0.2	-0.3%
53.1%	70.1	70.2	0.1	0.1%	53.1%	72.0	71.7	-0.3	-0.4%	53.1%	71.3	71.1	-0.2	-0.3%	53.1%	67.2	66.8	-0.4	-0.6%
54.3%	70.1	70.1	0.0	0.0%	54.3%	71.8	71.6	-0.2	-0.3%	54.3%	71.2	71.1	-0.1	-0.1%	54.3%	67.2	66.7	-0.5	-0.7%
55.6%	70.1	70.1	0.0	0.0%	55.6%	71.8	71.5	-0.3	-0.4%	55.6%	71.1	71.0	-0.1	-0.1%	55.6%	67.2	66.7	-0.5	-0.7%
56.8%	70.1	70.0	-0.1	-0.1%	56.8%	71.8	71.5	-0.3	-0.4%	56.8%	71.0	71.0	0.0	0.0%	56.8%	67.0	66.5	-0.5	-0.7%
58.0%	70.1	70.0	-0.1	-0.1%	58.0%	71.7	71.5	-0.2	-0.3%	58.0%	71.0	71.0	0.0	0.0%	58.0%	66.9	66.3	-0.6	-0.9%
59.3%	70.0	70.0	0.0	0.0%	59.3%	71.7	71.4	-0.3	-0.4%	59.3%	70.9	70.9	0.0	0.0%	59.3%	66.7	66.2	-0.5	-0.7%
60.5%	69.9	69.9	0.0	0.0%	60.5%	71.6	71.4	-0.2	-0.3%	60.5%	70.8	70.9	0.1	0.1%	60.5%	66.7	66.2	-0.5	-0.7%
61.7%	69.9	69.9	0.0	0.0%	61.7%	71.6	71.4	-0.2	-0.3%	61.7%	70.8	70.8	0.0	0.0%	61.7%	66.6	66.2	-0.4	-0.6%
63.0%	69.8	69.7	-0.1	-0.1%	63.0%	71.6	71.2	-0.4	-0.6%	63.0%	70.7	70.8	0.1	0.1%	63.0%	66.5	66.2	-0.3	-0.5%
64.2%	69.8	69.7	-0.1	-0.1%	64.2%	71.6	71.2	-0.4	-0.6%	64.2%	70.7	70.8	0.1	0.1%	64.2%	66.4	66.1	-0.3	-0.5%
65.4%	69.6	69.6	0.0	0.0%	65.4%	71.5	71.2	-0.3	-0.4%	65.4%	70.7	70.7	0.0	0.0%	65.4%	66.4	66.1	-0.3	-0.5%
66.7%	69.6	69.5	-0.1	-0.1%	66.7%	71.5	71.1	-0.4	-0.6%	66.7%	70.6	70.6	0.0	0.0%	66.7%	66.3	66.1	-0.2	-0.3%
67.9%	69.5	69.3	-0.2	-0.3%	67.9%	71.4	71.0	-0.4	-0.6%	67.9%	70.5	70.5	0.0	0.0%	67.9%	66.2	65.9	-0.3	-0.5%
69.1%	69.4	69.2	-0.2	-0.3%	69.1%	71.4	70.8	-0.6	-0.8%	69.1%	70.5	70.4	-0.1	-0.1%	69.1%	66.2	65.9	-0.3	-0.5%
70.4%	69.4	69.2	-0.2	-0.3%	70.4%	71.3	70.7	-0.6	-0.8%	70.4%	70.5	70.4	-0.1	-0.1%	70.4%	66.1	65.8	-0.3	-0.5%
71.6%	69.3	69.1	-0.2	-0.3%	71.6%	71.2	70.7	-0.5	-0.7%	71.6%	70.4	70.2	-0.2	-0.3%	71.6%	66.1	65.8	-0.3	-0.5%
72.8%	69.2	69.1	-0.1	-0.1%	72.8%	71.2	70.6	-0.6	-0.8%	72.8%	70.3	70.2	-0.1	-0.1%	72.8%	66.1	65.8	-0.3	-0.5%
74.1%	69.2	69.1	-0.1	-0.1%	74.1%	71.1	70.6	-0.5	-0.7%	74.1%	70.3	70.1	-0.2	-0.3%	74.1%	66.0	65.7	-0.3	-0.5%
75.3%	69.2	68.9	-0.3	-0.4%	75.3%	71.1	70.5	-0.6	-0.8%	75.3%	70.2	70.1	-0.1	-0.1%	75.3%	66.0	65.6	-0.4	-0.6%
76.5%	69.0	68.9	-0.1	-0.1%	76.5%	71.1	70.5	-0.6	-0.8%	76.5%	70.2	70.1	-0.1	-0.1%	76.5%	65.9	65.6	-0.3	-0.5%
77.8%	69.0	68.9	-0.1	-0.1%	77.8%	71.0	70.4	-0.6	-0.8%	77.8%	70.1	70.0	-0.1	-0.1%	77.8%	65.8	65.6	-0.2	-0.3%
79.0%	69.0	68.8	-0.2	-0.3%	79.0%	70.9	70.4	-0.5	-0.7%	79.0%	70.1	70.0	-0.1	-0.1%	79.0%	65.8	65.6	-0.2	-0.3%
80.2%	69.0	68.7	-0.3	-0.4%	80.2%	70.8	70.1	-0.7	-1.0%	80.2%	70.1	70.0	-0.1	-0.1%	80.2%	65.8	65.6	-0.2	-0.3%
81.5%	68.9	68.7	-0.2	-0.3%	81.5%	70.8	70.1	-0.7	-1.0%	81.5%	70.0	70.0	0.0	0.0%	81.5%	65.5	65.6	0.1	0.2%
82.7%	68.8	68.5	-0.3	-0.4%	82.7%	70.6	70.0	-0.6	-0.8%	82.7%	70.0	69.9	-0.1	-0.1%	82.7%	65.5	65.4	-0.1	-0.2%
84.0%	68.8	68.4	-0.4	-0.6%	84.0%	70.6	70.0	-0.6	-0.8%	84.0%	70.0	69.9	-0.1	-0.1%	84.0%	65.4	65.2	-0.2	-0.3%
85.2%	68.6	68.3	-0.3	-0.4%	85.2%	70.5	69.8	-0.7	-1.0%	85.2%	69.9	69.8	-0.1	-0.1%	85.2%	65.2	65.2	0.0	0.0%
86.4%	68.6	68.2	-0.4	-0.6%	86.4%	70.4	69.8	-0.6	-0.9%	86.4%	69.9	69.8	-0.1	-0.1%	86.4%	65.2	65.2	0.0	0.0%
87.7%	68.2	68.0	-0.2	-0.3%	87.7%	70.2	69.5	-0.7	-1.0%	87.7%	69.9	69.7	-0.2	-0.3%	87.7%	64.8	65.2	0.4	0.6%
88.9%	67.8	67.8	0.0	0.0%	88.9%	69.9	69.5	-0.4	-0.6%	88.9%	69.7	69.5	-0.2	-0.3%	88.9%	64.6	64.7	0.1	0.2%
90.1%	67.7	67.7	0.0	0.0%	90.1%	69.9	69.5	-0.4	-0.6%	90.1%	69.5	69.5	0.0	0.0%	90.1%	64.5	64.7	0.2	0.3%
91.4%	67.3	67.6	0.3	0.4%	91.4%	69.9	69.3	-0.6	-0.9%	91.4%	69.5	69.5	0.0	0.0%	91.4%	64.5	63.6	-0.9	-1.4%
92.6%	67.3	67.2	-0.1	-0.1%	92.6%	69.8	69.2	-0.6	-0.9%	92.6%	69.4	69.5	0.1	0.1%	92.6%	63.8	63.4	-0.4	-0.6%
93.8%	67.2	67.2	0.0	0.0%	93.8%	69.7	69.1	-0.6	-0.9%	93.8%	69.4	69.3	-0.1	-0.1%	93.8%	63.5	63.2	-0.3	-0.5%
95.1%	66.9	66.8	-0.1	-0.1%	95.1%	69.7	69.0	-0.7	-1.0%	95.1%	69.3	69.3	0.0	0.0%	95.1%	63.0	62.7	-0.3	-0.5%
96.3%	66.4	66.5	0.1	0.2%	96.3%	69.0	68.2	-0.8	-1.2%	96.3%	69.1	68.8	-0.3	-0.4%	96.3%	62.6	62.4	-0.2	-0.3%
97.5%	66.3	66.3	0.0	0.0%	97.5%	68.9	67.9	-1.0	-1.5%	97.5%	68.7	68.7	0.0	0.0%	97.5%	62.4	62.4	0.0	0.0%
98.8%	66.3	65.9	-0.4	-0.6%	98.8%	68.0	67.6	-0.4	-0.6%	98.8%	68.0	68.3	0.3	0.4%	98.8%	61.8	61.8	0.0	0.0%
100.0%	66.3	65.9	-0.4	-0.6%	100.0%	68.0	67.6	-0.4	-0.6%	100.0%	68.0	68.3	0.3	0.4%	100.0%	61.8	61.8	0.0	0.0%

Table SQ-14-5a Sacramento River at Freeport, Monthly Temperature Long-term Average and Average by Water Year Type

						thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Mav	Jun	Jul	Aua	Sep
					ng-term			,				
Full Simulation Period ¹												
No Action Alternative	61.2	53.2	45.8	45.0	49.7	54.5	60.7	66.2	70.4	72.5	72.0	68.1
Alternative B	61.1	53.2	45.9	45.0	49.7	54.6	60.8	66.2	70.4	72.2	71.9	67.8
Difference	-0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.0	-0.2	-0.1	-0.3
Percent Difference ³	-0.2%	0.0%	0.1%	0.0%	0.0%	0.2%	0.1%	0.1%	0.0%	-0.3%	-0.2%	-0.49
				Water Y	ear Types	2						
Vet (32%)												
No Action Alternative	60.7	53.8	46.4	45.9	49.5	53.4	58.6	64.4	69.0	72.6	72.0	66.2
Alternative B	60.5	53.7	46.5	45.9	49.5	53.4	58.6	64.4	68.9	72.3	72.0	66.1
Difference	-0.2	0.0	0.1	0.0	0.0	0.0	0.1	0.1	-0.1	-0.2	0.1	-0.2
Percent Difference	-0.3%	0.0%	0.2%	0.0%	0.0%	0.1%	0.1%	0.1%	-0.1%	-0.3%	0.1%	-0.39
Above Normal (15%)												
No Action Alternative	60.5	52.1	45.6	45.1	49.5	54.1	60.6	66.4	70.6	71.5	71.1	67.1
Alternative B	60.3	52.1	45.7	45.2	49.5	54.2	60.7	66.5	70.7	71.1	71.0	67.0
Difference	-0.2	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.0	-0.4	-0.1	-0.1
Percent Difference	-0.3%	0.0%	0.1%	0.0%	0.0%	0.2%	0.2%	0.2%	0.1%	-0.6%	-0.1%	-0.19
Below Normal (17%)												
No Action Alternative	60.9	53.1	45.9	44.3	49.0	54.6	61.2	66.2	70.7	72.1	72.2	69.4
Alternative B	60.7	53.2	45.9	44.3	49.0	54.8	61.2	66.3	70.8	72.0	72.0	69.1
Difference	-0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.1	0.1	-0.2	-0.1	-0.3
Percent Difference	-0.3%	0.0%	0.1%	0.0%	0.0%	0.4%	0.1%	0.1%	0.1%	-0.2%	-0.1%	-0.49
Ory (22%)												
No Action Alternative	61.4	53.2	45.8	44.2	49.7	55.3	62.0	67.3	71.7	72.2	71.6	69.1
Alternative B	61.3	53.2	45.9	44.1	49.7	55.4	62.2	67.4	71.8	71.9	71.4	68.7
Difference	-0.1	0.0	0.1	0.0	0.0	0.2	0.2	0.1	0.1	-0.3	-0.3	-0.4
Percent Difference	-0.2%	0.0%	0.2%	0.0%	0.0%	0.3%	0.3%	0.1%	0.1%	-0.4%	-0.4%	-0.59
Critical (15%)					,	,	,			,		
No Action Alternative	63.0	52.9	44.7	44.8	51.0	56.1	62.9	67.7	70.9	73.9	73.4	70.0
Alternative B	63.0	52.9	44.7	44.8	51.1	56.1	62.9	67.8	70.7	73.8	72.9	69.5
Difference	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1	-0.2	0.0	-0.5	-0.4
Percent Difference	0.0%	-0.1%	0.1%	0.1%	0.1%	0.2%	0.0%	0.1%	-0.2%	0.0%	-0.7%	-0.69

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



Figure SQ-14-5b Sacramento River at Freeport, Monthly Temperature Probability of Exceedance

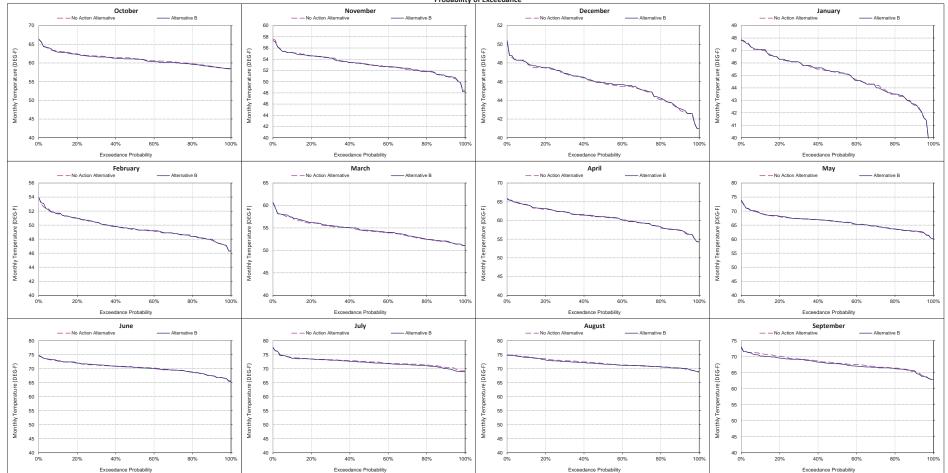


Table SQ-14-5b Sacramento River at Freeport, Monthly Temperature Probability of Exceedan

Decembe

Novembe

Octobe

January Percent Percent Percent Percent No Action Alternative Alternative B Absolute Relative Relative Relative Relative Exceedance Exceedance Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG.E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) 0.0% 66.3 66.4 0.1 0.2% 0.0% 57.6 -0.3 -0.5% 0.0% 50.3 50.4 0.2% 47.8 -0.2% 1.2% 65.7 65.6 -0.1 -0.2% 1.2% 57.4 57.1 -0.3 -0.5% 1.2% 48.8 48.8 0.0 0.0% 1.2% 47.7 47.8 0.1 0.2% 2.5% 64.5 64.4 -0.2% 2.5% 56.2 56.2 0.0% 2.5% 48.6 48.8 0.4% 2.5% 47.7 47.6 -0.2% 3.7% 3.7% 64.3 64.2 -0.1 -0.2% 3.7% 55.9 55.8 -0.1 -0.2% 3.7% 48.4 48.4 0.0 0.0% 47.6 47.5 -0.1 -0.2% 4.9% 63.9 64.1 0.2 0.3% 4.9% 55.4 55.4 0.0 0.0% 4.9% 48.4 48.3 -0.1 -0.2% 4.9% 47.3 47.3 0.0 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53.1% 53.1% 53.1% 0.2% 0.0 60.9 61.0 52 9 529 0.0 0.0% 45.7 45.8 45.2 45.2 0.0% 55.6% 56.8% 55.6% 55.6% 55.6% 0.0% 60.8 60.6 -0.2 -0.3% 52.9 52.7 -0.2 -0.4% 45.6 45.7 0.1 0.2% 45.1 45.1 0.0 58.0% 58.0% 58.0% 60.6 60.4 -0.2 -0.3% 52.7 52.7 0.0 0.0% 45.5 45.7 0.2 0.4% 58.0% 44.8 44.8 0.0 0.0% 60.5% 60.5% 60.5% 60.6 60.3 -0.3 -0.5% 52.7 52.6 -0.1 -0.2% 45.5 45.7 0.2 0.4% 60.5% 44.6 44.6 0.0 0.0% 61.7% -0.3% 61.7% 52.6 63.0% 63.0% 63.0% 0.0 0.1 63.0% 60.5 60.2 -0.3 -0.5% 52.6 52.6 0.0% 45.5 45.6 0.2% 44.5 44.5 0.0 0.0% 64.2% 65.4% 60.2 60.2 -0.5% -0.5% 64.2% 65.4% 52.6 52.5 64.2% 65.4% 45.5 45.4 64.2% 65.4% 0.0 60.5 -0.3 0.0 0.0% 45.5 0.1 44.4 44.3 -0.2% 52.5 0.2% 66.7% 67.9% 60.4 60.4 -0.5% -0.5% 66.7% 67.9% 66.7% 67.9% 45.5 45.3 66.7% 67.9% -0.3 52.5 0.2% 45.3 0.4% 443 0.0 0.0% -0.3 52.4 0.0 44.3 52.3 44.3 60.1 0.1 0.2% 45.3 0.0% 0.0% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% -0.5% 52.4 0.4% 45.2 44.3 44.3 60.1 52.4 0.3 44.2 -0.2 60.3 -0.2 -0.3% 52.1 0.6% 45.1 45.1 0.0 0.0% 44.0 -0.5% 71.6% 60.2 -0.2 -0.3% -0.2% 71.6% 52.1 52.3 0.4% 71.6% 45 N 45.1 0.2% 71.6% 44.2 44 0 -0.2 -0.5% 72.8% 60.1 60.0 -0.1 72.8% 52.0 52.1 0.1 0.2% 72.8% 44.9 45.0 0.1 0.2% 72.8% 44.0 43.9 -0.1 -0.2% -0.3% -0.2% 74.1% 75.3% 74.1% 75.3% 74.1% 0.2% 74.1% 0.0% 43.9 43.8 -0.1 -0.1 75.3% 75.3% 0.0 43.7 -0.2% 76.5% 60.0 -0.2 -0.3% 76.5% 51.8 51.9 0.2% 76.5% 44.4 44.4 0.0 0.0% 76.5% 43.6 43.6 0.0 0.0% 77.8% -0.2% 77.8% 51.9 0.2% 77.8% 0.1 0.2% 77.8% 0.1 0.2% 59.9 44.3 43.6 79.0% 59.9 59.7 -0.2 -0.3% 79.0% 51.8 51.9 0.2% 79.0% 44.1 44.3 0.5% 79.0% 43.5 43.5 0.0 0.0% 80.2% 59.8 -0.3% 80.2% 51.8 0.0% 80.2% 44.1 44.2 80.2% 43.5 0.0 0.1 0.2% 43.5 0.0% 81.5% 59.7 59.6 -0.2% 81.5% 51.8 51.8 0.0% 81.5% 44.0 44.1 0.2% 81.5% 43.4 43.5 0.1 0.2% 82.7% 82.7% 59.7 59.5 -0.3% 82.7% 51.8 0.2% 43.9 43.9 0.0 0.0% 82.7% 43.3 43.4 0.1 0.2% 84.0% 59.5 59.4 -0.1 -0.2% 84.0% 51.6 51.7 0.2% 84.0% 43.8 43.8 0.0 0.0% 84.0% 43.3 43.4 0.1 0.2% 85.2% 59.5 59.3 -0.2 -0.3% 85.2% 51.3 51.3 0.0 0.0% 85.2% 43.7 43.8 0.1 0.2% 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Table SQ-14-5b Sacramento River at Freeport, Monthly Temperature Probability of Exceedance

Note										Probability	of Exceedance									
	Percent		February			Percent		March			Percent		April			Percent		May		
Mary	Exceedance				Relative	Exceedance					Exceedance					Exceedance				
Section Sect					Difference (%)					Difference (%)					Difference (%)					Difference (%)
A	(%)		(DEG-F)		=0.2%	(%)				=0.2%	0.0%				0.5%	(%)				0.3%
1.00	1.2%					1.2%				0.0%	1.2%					1.2%				0.3%
Column	2.5%					2.5%				0.0%	2.5%					2.5%			0.0	0.0%
Column																				
The color The																				
10	7.4%	51.7	51.9	0.2	0.4%	7.4%	57.5	57.9	0.4	0.7%	7.4%	64.4		0.1	0.2%	7.4%	69.8	70.1	0.3	0.4%
11 12 12 13 13 13 13 13										0.2%										0.3%
1.5	11.1%										11.1%									0.0%
Color	12.3%	51.4	51.4	0.0	0.0%	12.3%	56.8	57.1	0.3	0.5%	12.3%	63.8	63.9	0.1	0.2%	12.3%	68.8	68.7	-0.1	-0.1%
										0.5%				0.1						0.0%
17.5																				
19th 10	17.3%	51.1	51.1	0.0	0.0%	17.3%	56.2	56.5	0.3	0.5%	17.3%	63.2	63.3	0.1	0.2%	17.3%		68.4	0.1	0.1%
1																				
22.5 50.0										0.2%				0.2						
200.0000000000000000000000000000000000	22.2%																			
25.00	23.5%										23.5%									
The column The	24.7%	50.7		0.0		24.7%			0.2	0.4%	24.7%		62.6			24.7%			0.1	0.1%
24.00 25.0																				
20th 504	28.4%					28.4%		55.6	0.1	0.2%	28.4%	62.3	62.4						0.0	0.0%
12.15	29.6%	50.4	50.4	0.0	0.0%	29.6%	55.4	55.6	0.2	0.4%	29.6%	62.3	62.4	0.1	0.2%	29.6%	67.3	67.4	0.1	0.1%
33.00. 501 501 00 000. 33.00. 502 544 00 00 000. 33.00. 503 544 00 00 000. 33.00. 503 545 547 00 00 000. 33.00. 503 545 547 00 00 000. 33.00. 503 547 547 547 547 547 547 547 547 547 547	30.9%					30.9%		55.5	0.2		30.9%	62.2		0.0		30.9%			0.0	
3400 00 00 01 01 01 020 00 00 00 00 00 00 00 00 00 00 00 00											33.3%									
270 40	34.6%	50.0	50.1	0.1	0.2%	34.6%	55.2	55.2	0.0	0.0%	34.6%	61.6	61.7	0.1	0.2%	34.6%	67.1	67.2	0.1	0.1%
18.7 18.8																				
2007 40.0 40.0 40.0 40.0 40.0 40.0 50.0																				
4070 407 407 00 00 00% 420% 540 550 01 02% 620% 613 614 01 02% 420% 613 614 02% 420% 614 02% 6	39.5%			0.0		39.5%			0.0	0.0%	39.5%	61.4	61.6	0.2		39.5%			0.0	0.0%
4-27% 9-86 9-87 0-1 0-27% 4-27% 9-86 9-86 9-87 0-1 0-27% 4-27% 9-86 9-86 9-86 9-86 9-86 9-86 9-86 9-86	40.7%					40.7%			0.0		40.7%					40.7%				
44-6% 48-6 48-6 100 0.00% 44-6% 54-8 54-8 54-8 0-10 0.00% 44-6% 61-1 0.1 0.1 0.2 4 0.7 5 67.7 0.0 0.00% 44-6% 68-8 0.0 0.00% 44-6% 68-8 0.0 0.00% 44-6% 68-8 0.0 0.00% 44-6% 68-8 0.0 0.00% 44-6% 68-8 0.0 0.00% 44-6% 68-8 0.0 0.00% 44-6% 68-8 0.0 0.00% 44-6% 68-8 0.0 0.00% 44-6% 68-8 0.0 0.00% 44-6% 68-8 0.0 0.00% 44-6% 68-8 0.0 0.0 0.00% 44-6% 68-8 0.0 0.0 0.00% 44-6% 68-8 0.0 0.0 0.00% 44-6% 68-8 0.0 0.0 0.00% 44-6% 68-8 0.0 0.0 0.00% 44-6% 68-8 0.0 0.0 0.00% 44-6% 68-8 0.0 0.0 0.00% 44-6% 68-8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.				0.0						0.2%	42.0%			0.1						
46.7% 486 488 00 00 00% 45.7% 54.5 54.5 0.0 0.0% 46.7% 56.0 0.0 0.0 0.0% 46.7% 56.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0																				
##19 ## 49.4 #49.5 0.1 0.2% ##19.5 9.4 \$45.5 0.1 0.2% ##19.6 \$41.0 0.0 0.0 0.0% ##19.5 \$64.0 \$63.0 0.1 0.2% ##19.5 \$1.9% #	45.7%	49.6		0.0		45.7%			0.0	0.0%	45.7%	61.0		0.1	0.2%	45.7%	66.6		0.1	0.2%
49.1% 49.4 49.5 0.1 0.2% 49.4% 54.3 54.5 0.2 0.4% 59.8% 60.9 61.0 0.1 0.2% 49.4% 66.4 66.3 0.1 0.2% 59.9% 59																				
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519% 40.3 40.3 0.0 0.0% 51.9% 54.2 54.4 0.2 0.4% 51.9% 60.8 60.0 0.1 0.2% 51.9% 60.8 60.0 0.0 0.2% 55.9% 40.3 40.3 0.0 0.0% 55.9% 54.1 54.2 0.1 0.2% 55.9% 60.7 60.8 0.1 0.2% 55.9% 40.3 40.3 0.0 0.0% 55.9% 54.1 54.2 0.1 0.2% 55.9% 60.7 60.8 0.1 0.2% 55.9% 60.7 60.8 0.1 0.2% 55.9% 60.1 0.2% 55.9% 56.9% 54.1 54.2 0.1 0.2% 55.9% 60.0 0.0 0.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0	50.6%					50.6%					50.6%								0.0	
54.7% 40.3 40.3 0.0 0.0% 56.9% 54.1 54.3 0.2 0.0% 55.9% 60.7 60.8 0.1 0.2% 55.9% 60.0 0.0 0.0% 56.9% 54.1 54.3 0.2 0.0% 55.9% 60.7 60.8 0.1 0.2% 55.9% 60.8 60.0 0.0 0.0% 55.9% 54.1 0.2 0.0% 55.9% 60.8 60.0 0.0 0.0% 55.9% 55.9 60.0 0.0% 55.9% 55.9 55.0 0.0 0.0 0.0% 55.9% 55.9 55.0 0.0 0.0 0.0% 55.9 55.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.																				
56.6% 49.3 49.3 49.3 49.2 0.0 0.0% 55.6% 54.1 54.2 0.1 0.2% 55.6% 60.7 60.8 0.1 0.2% 56.6% 65.8 66.0 0.2 0.3% 55.6% 49.2 49.2 0.0 0.0% 58.6% 54.1 54.2 0.1 0.2% 56.6% 60.6 60.7 0.1 0.2% 56.6% 65.8 66.0 0.2 0.3% 55.6% 49.2	53.1%					53.1%					53.1%									
66.0% 49.3 49.2 -0.1 -0.2% 56.0% 55.1 54.2 0.1 0.2% 56.0% 60.6 60.7 0.1 0.2% 56.0% 66.6 66.6 0.0 0.0% 56.0% 66.6 66.6 0.0 0.0% 66.0% 66.0 66.0 0.0 0.0% 66.0																				
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80.2%	77.8%	48.6	48.6	0.0	0.0%	77.8%	52.6	52.7	0.1	0.2%	77.8%	58.5	58.5	0.0	0.0%	77.8%	63.7	63.7	0.0	0.0%
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86.4% 48.1 48.1 0.0 0.0% 86.4% 52.1 52.2 0.1 0.2% 86.4% 57.6 57.6 0.0 0.0% 86.4% 63.1 63.1 0.0 0.0% 87.7% 52.0 52.1 0.1 0.2% 88.7% 57.5 57.6 0.1 0.2% 87.7% 62.9 3.3% 89.9% 48.0 48.0 0.0 0.0% 88.89% 52.0 52.1 0.1 0.2% 88.9% 57.4 57.5 0.1 0.2% 88.9% 62.8 62.9 0.1 0.2% 89.1% 47.8 48.0 0.2 0.4% 90.1% 52.0 52.1 0.1 0.2% 89.9% 57.4 57.5 0.1 0.2% 88.9% 62.8 62.9 0.1 0.2% 90.1% 47.8 48.0 0.2 0.4% 90.1% 52.0 52.1 0.1 0.2% 90.1% 57.3 57.4 0.1 0.2% 90.1% 62.8 62.9 0.1 0.2% 91.4% 47.7 47.7 0.0 0.0% 91.4% 51.8 52.0 0.2 0.4% 91.4% 57.2 57.2 0.0 0.0% 91.4% 62.7 62.9 0.2 0.3% 92.6% 47.5 47.5 0.0 0.0% 92.6% 51.6 51.7 0.1 0.2% 92.6% 56.6 56.9 0.3 0.5% 92.6% 62.6 62.7 0.1 0.2% 93.8% 51.6 51.6 51.6 0.0 0.0% 93.8% 56.3 56.4 0.1 0.2% 93.8% 62.3 62.7 0.4 0.6% 95.3% 47.3 47.3 0.0 0.0% 95.1% 51.4 51.4 0.0 0.0% 95.1% 56.3 56.3 0.0 0.0% 95.1% 62.2 62.3 0.1 0.2% 95.5% 47.1 47.1 0.0 0.0% 97.5% 51.4 51.4 0.0 0.0% 95.3% 56.3 56.2 0.0 0.0% 95.5% 62.6 62.0 0.0 0.0% 96.3% 51.4 51.4 0.0 0.0% 95.5% 56.3 56.1 0.0 0.0% 97.5% 61.3 61.4 0.1 0.2% 98.8% 46.4 46.3 0.1 0.2% 98.8% 51.1 51.1 0.0 0.0% 98.8% 54.3 54.3 0.0 0.0% 98.8% 60.3 60.3 0.0 0.0% 98.8% 60.3 60.0 0.0% 98.8% 64.3 54.3 0.0 0.0% 98.8% 60.3 60.0 0.0%														0.1						
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$\begin{array}{cccccccccccccccccccccccccccccccccccc$	88.9%	48.0	48.0	0.0	0.0%	88.9%	52.0	52.1	0.1	0.2%	88.9%	57.4	57.5	0.1	0.2%	88.9%	62.8	62.9	0.1	0.2%
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95.1% 47.3 47.3 0.0 0.0% 95.1% 51.4 51.4 0.0 0.0% 95.1% 56.3 56.3 0.0 0.0% 95.1% 62.2 62.3 0.1 0.2% 96.3% 47.2 47.2 0.0 0.0% 96.3% 51.4 51.4 0.0 0.0% 96.3% 56.2 56.2 0.0 0.0% 96.3% 61.4 61.4 0.1 0.2% 97.5% 47.1 47.1 0.0 0.0% 97.5% 51.3 51.4 0.1 0.2% 97.5% 55.1 55.1 0.0 0.0% 97.5% 61.3 61.4 0.1 0.2% 98.8% 46.4 46.3 0.1 0.2% 98.8% 51.3 51.4 0.1 0.0% 98.8% 54.3 54.3 0.0 0.0% 98.8% 60.3 60.3 0.0 0.0%	93.8%	47.4	47.4	0.0	0.0%	93.8%	51.6	51.6	0.0	0.0%	93.8%	56.3	56.4	0.1	0.2%	93.8%	62.3	62.7	0.4	0.6%
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	98.8%	46.4	46.3	-0.1	-0.2%	98.8%	51.1	51.1	0.0	0.0%	98.8%	54.3	54.3	0.0	0.0%	98.8%	60.3	60.3	0.0	0.0%
	100.0%	46.4	46.3	-0.1	-0.2%	100.0%	51.1	51.1	0.0	0.0%	100.0%	54.3	54.3	0.0	0.0%	100.0%	60.3	60.3	0.0	0.0%

Table SQ-14-5b
Sacramento River at Freeport, Monthly Temperature
Probability of Exceedance

August

September

Percent Percent Percent Percent No Action Alternative Alternative B Absolute Relative Exceedance Relative Relative Relative Exceedance Difference Difference Difference Difference Monthly Temperature Difference (%) Difference (%) Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG-F) (DEG.E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) (DEG-F) 0.0% 74.8 0.4 0.5% 0.0% 77.4 77.6 0.2 0.3% 74.9 74.8 -0.1 -0.1% 72.8 -0.4 -0.5% 1.2% 74.3 74.2 -0.1 -0.1% 1.2% 76.4 76.3 -0.1 -0.1% 1.2% 74.9 74.7 -0.2 -0.3% 1.2% 71.6 71.6 0.0 0.0% 2.5% 73.7 73.7 0.0% 2.5% 76.3 76.2 -0.1% 2.5% 74.8 74.7 -0.1-0.1% 2.5% 71.5 71.6 0.1 0.1% 3.7% 3.7% 73.5 73.5 0.0 0.0% 3.7% 75.0 746 -0.4 -0.5% 3.7% 74.8 74.6 -0.2 -0.3% 71.3 71.3 0.0 0.0% 4.9% 73.3 73.4 0.1 0.1% 4.9% 74.6 -0.1 -0.1% 4.9% 74.7 74.5 -0.2 -0.3% 4.9% 71.3 71.2 -0.1 -0.1% 6.2% 6.2% 6.2% 6.2% 73.1 73.3 0.2 0.3% 74.6 74.6 0.0 0.0% 74.4 74.4 0.0 0.0% 71.3 70.8 -0.5 -0.7% 7.4% 73.1 73.2 73.1 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97.5% 69.5 69.0 -0.5 -0.3 -0.7% 96.3% 97.5% 69.3 0.1% 96.3% 97.5% 63.8 63.6 -0.2-0.3% -0.1 97.5% 0.0 0.0% 66.6 66.5 -0.1 -0.2% 69.2 68.9 -0.4% 69.3 69.2 -0.1% 63.2 63.2 -0.3% 98.8% 0.0% 100.0% 100.0% 100.0% 100.0% 65.7 65.5 -0.2 -0.3% 69.2 68.9 -0.3 -0.4% 68.8 69.0 0.3% 62.9 62.9 0.0 0.0%

Table SQ-15-5a
Feather River below Fish Barrier Dam, Monthly Temperature
Long-term Average and Average by Water Year Type

					Mon	thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	g-term							
Full Simulation Period ¹												
No Action Alternative	54.0	52.6	48.9	47.6	48.5	49.9	51.4	55.5	57.6	61.0	60.5	55.4
Alternative B	54.0	52.5	48.9	47.6	48.5	49.9	51.4	55.6	57.6	61.0	60.4	55.3
Difference	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	-0.1
Percent Difference ³	0.0%	-0.2%	-0.1%	-0.1%	0.0%	-0.1%	0.1%	0.1%	0.0%	-0.1%	-0.2%	-0.29
				Water Y	ear Types	2						
Vet (32%)												
No Action Alternative	53.2	52.2	48.9	47.8	47.8	48.6	50.5	54.8	57.3	61.2	60.7	54.4
Alternative B	53.3	52.2	48.8	47.7	47.8	48.6	50.5	54.8	57.3	61.2	60.6	54.5
Difference	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
Percent Difference	0.2%	0.0%	-0.2%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.2%	0.0%
Above Normal (15%)												
No Action Alternative	53.3	52.0	48.8	47.5	48.1	48.8	51.5	55.7	57.8	60.7	59.8	54.5
Alternative B	53.3	52.0	48.6	47.5	48.1	48.8	51.5	55.7	57.6	60.7	59.9	54.5
Difference	0.0	0.0	-0.2	0.0	0.0	-0.1	0.0	0.0	-0.2	0.0	0.1	0.0
Percent Difference	0.0%	0.0%	-0.4%	-0.1%	0.0%	-0.2%	0.0%	0.0%	-0.3%	0.0%	0.1%	-0.19
Below Normal (17%)												
No Action Alternative	53.8	52.3	48.5	47.5	48.4	50.3	52.0	55.9	57.8	60.8	59.9	55.6
Alternative B	54.0	52.4	48.5	47.4	48.5	50.2	52.1	56.0	57.7	60.8	60.0	55.6
Difference	0.1	0.0	0.1	-0.1	0.0	-0.1	0.1	0.0	-0.1	0.0	0.1	0.0
Percent Difference	0.3%	0.1%	0.1%	-0.2%	0.0%	-0.1%	0.1%	0.0%	-0.2%	0.0%	0.1%	-0.1%
Dry (22%)												
No Action Alternative	54.3	52.8	49.0	47.5	48.9	51.1	51.9	55.7	57.7	60.8	60.2	55.9
Alternative B	54.4	52.7	49.0	47.5	49.0	51.2	52.0	55.9	57.8	60.8	60.0	55.6
Difference	0.1	0.0	0.0	-0.1	0.0	0.1	0.0	0.1	0.1	0.0	-0.2	-0.3
Percent Difference	0.2%	-0.1%	0.0%	-0.1%	0.0%	0.3%	0.0%	0.2%	0.3%	0.0%	-0.4%	-0.59
Critical (15%)												
No Action Alternative	56.2	54.0	49.5	47.4	49.2	51.3	51.5	55.9	57.7	61.6	61.8	57.2
Alternative B	55.7	53.4	49.4	47.3	49.2	51.0	51.6	56.0	57.9	61.4	61.5	56.9
Difference	-0.5	-0.6	-0.1	-0.1	0.0	-0.3	0.1	0.1	0.2	-0.2	-0.3	-0.3
Percent Difference	-0.9%	-1.2%	-0.2%	-0.2%	0.0%	-0.7%	0.3%	0.2%	0.4%	-0.3%	-0.5%	-0.69

1 Based on the 82-year simulation period

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



Figure SQ-15-5b Feather River below Fish Barrier Dam, Monthly Temperature Probability of Exceedance

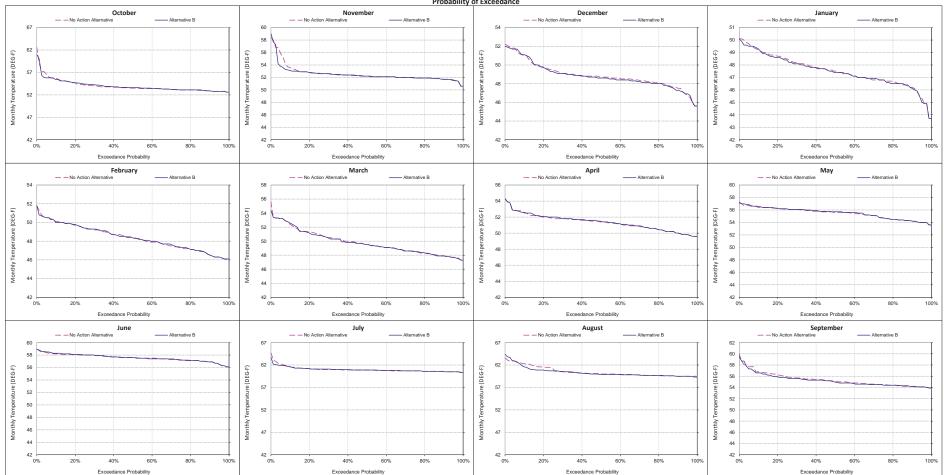


Table SQ-15-5b Feather River below Fish Barrier Dam, Monthly Temperature Probability of Exceedance

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Octobe

January Percent Percent Percent Percent No Action Alternative Alternative B Absolute Relative Relative Relative Relative Exceedance Exceedance Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) 0.0% 62.6 61.0 -1.6 -2.6% 0.0% 58.4 0.6 1.0% 0.0% 52.2 52.0 -0.4% 50.1 50.1 0.0% 1.2% 59.1 60.0 0.9 1.5% 1.2% 58.0 57.7 -0.3 -0.5% 1.2% 52.1 51.9 -0.2 -0.4% 1.2% 50.1 49.9 -0.2 -0.4% 2.5% 57.3 56.4 -1.6% 2.5% 56.8 57.3 0.9% 2.5% 51.9 51.8 -0.2% 2.5% 50.0 49.6 -0.4-0.8% 3.7% 3.7% 57.2 55.9 -1.3 -2.3% 3.7% 56.8 542 -2.6 -4.6% 3.7% 51.8 51.7 -0.1 -0.2% 49.8 49.6 -0.2 -0.4% 4.9% 56.6 55.8 -0.8 -1.4% 4.9% 55.9 53.8 -3.8% 4.9% 51.8 51.7 -0.1 -0.2% 4.9% 49.7 49.5 -0.2 -0.4% 6.2% 6.2% 6.2% 6.2% 56.0 55.8 -0.2 -0.4% 55.3 53.6 -1.7 -3.1% 51.5 51.7 0.2 0.4% 49.5 49.5 0.0 0.0% 7.4% 0.0% 7.4% 53.3 -1.0 -1.8% 7.4% 0.2 0.4% 7.4% 49.4 49.5 0.1 0.2% 8.6% 8.6% 8.6% 8.6 · . 9.9% 11.1% 12.3% 8.6% 55.8 55.7 -0.1 53.7 53.2 -0.5 -0.9% 51.1 51.1 0.0% 49 3 49.4 0.2% 0.2% 9.9% -0.5% -0.9% 49.3 0.2% 11.1% 12.3% 55.5 55.4 -0.1 -0.2% 11.1% 53.4 53.0 -0.4 -0.7% 11.1% 51.0 51.0 0.0 0.0% 49.1 49.1 0.0 0.0% 13.6% 13.6% 13.6% 55.2 55.1 -0.1 -0.2% 53.1 53.0 -0.1 -0.2% 50.3 50.6 0.3 0.6% 49 0 48 9 -0.1 -0.2% 16.0% 16.0% 16.0% 16.0% 55.0 55.0 0.0 0.0% 52.9 52.9 0.0 0.0% 49.9 50.0 0.1 0.2% 48.8 48.7 -0.1 -0.2% 18.5% 0.2% 18.5% 0.0% 18.5% 18.5% 54.7 54.8 0.1 52.9 52.9 0.0 49.8 49.8 0.0 0.0% 48.8 48.6 -0.2 -0.4% 19.8% 21.0% 54.7 54.4 54.7 54.7 0.0 52.8 52.8 19.8% 0.1 19.8% 21.0% -0.1 -0.1 21.0% 0.6% 52.7 0.1 0.2% 49.7 49.6 -0.2% 48.7 48.6 -0.2% 22.2% 23.5% 54.4 54.3 54.6 54.5 0.4% 22.2% 23.5% 52.7 0.0% 22.2% 23.5% -0.2% 22.2% 23.5% 48.5 -0.1 -0.1 0.2 -0.1 -0.2 52.7 52.7 0.0 0.0% 49.5 49.3 -0.4% 48.5 48.4 -0.2% 24.7% 25.9% 0.4% 24.7% 25.9% 24.7% 25.9% 24.7% 25.9% 54.2 54.2 0.2 52.6 4Q 5 -0.2 -0.2 -0.4% 48.5 48.4 -0.1 -0.2 -0.2% 54.4 52.6 52.6 0.0 49.4 49.2 -0.4% 0.0% 48.4 48.2 -0.4% 27.2% 28.4% 0.4% 27.2% 28.4% 27.2% 52.6 52.6 0.0% 27.2% 49 3 -0.4% 48 3 48.2 -0.1 -0.1 -0.2% 54.1 54.1 54.3 0.2 28.4% 52.6 52.6 0.0 0.0% 28.4% 49.1 -0.1 -0.2% 48.2 48.1 -0.2% 49.2 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 0.6% 52.6 0.0% 48.1 -0.2% 0.0% 52.6 48.1 0.2% 32.1% 53.9 0.3 0.6% 32.1% 52.5 52.5 0.0% 32.1% 49.1 49.0 -0.1 -0.2% 32.1% 48.1 48.0 -0.1 -0.2% 33.3% 0.3 0.6% 33.3% 52.5 0.0% 33.3% 49.0 0.0 0.0% 33.3% 48.0 -0.1 -0.2% 34.6% 53.8 0.2 0.4% 34.6% 52.4 52.5 0.2% 34.6% 49.0 49.0 0.0 0.0% 34.6% 48.0 47.9 -0.1 -0.2% 35.8% 0.2% 35.8% 52.5 35.8% -0.1 35.8% -0.1 53.8 0.2% 49.0 -0.2% 47.9 -0.2% 37.0% 53.8 0.1 0.2% 37.0% 52.4 52.4 0.0% 37.0% 48.9 48.9 0.0 0.0% 37.0% 47.9 47.8 -0.1-0.2%38.3% 53.8 0.2% 38.3% 52.4 38.3% 0.0% 38.3% 47.8 -0.1 48.9 47.9 -0.2% 39.5% 53.7 53.8 0.1 0.2% 39.5% 52.4 52.4 0.0 0.0% 39.5% 48.8 48.9 0.1 0.2% 39.5% 47.8 47.8 0.0 0.0% 40.7% 53.7 53.8 0.1 0.2% 40.7% 52.4 52.4 0.0 0.0% 40.7% 48.8 48.8 0.0 0.0% 40.7% 47.8 47.7 -0.1 -0.2% 42.0% 53.7 53.8 0.1 0.2% 42.0% 52.3 52.4 0.2% 42.0% 48.8 48.8 0.0 0.0% 42.0% 47.7 47.7 0.0 0.0% 0.0% 43.2% 53.7 53.7 0.0 0.0% 43.2% 52.3 52.4 0.1 0.2% 43.2% 48.8 48.7 -0.1 -0.2% 43.2% 47.7 47.7 0.0 44.4% 53.7 0.1 0.2% 44.4% 52.3 52.3 0.0% 44.4% 48.8 48.7 -0.1 -0.2% 44.4% 47.7 47.7 0.0 0.0% 45.7% 45.7% 45.7% 53.6 53.7 0.1 0.2% 52.2 52.3 0.1 0.2% 48.8 48.7 -0.1 -0.2% 45.7% 47.6 47.6 0.0 0.0% -0.1 46.9% 53.6 53.7 0.2% 46.9% 52.2 52.3 0.2% 46.9% 48.8 48.7 -0.1 -0.2% 46.9% 47.6 47.5 -0.2% 48.1% 49.4% 53.5 53.6 0.1 0.2% 48.1% 52.2 52.2 0.0 0.0% 48.1% 48.8 48.6 -0.2 -0.4% 48.1% 47.6 47.5 -0.1 -0.2% 0.2% 49.4% 52.2 0.0% 49.4% 48.7 48.6 -0.1-0.2%49.4% 47.5 47.4 -0.1-0.2%50.6% 50.6% 50.6% 50.6% 53.5 53.6 0.1 0.2% 52.2 52.2 0.0 0.0% 48.7 48.6 -0.1 -0.2% 47.5 47.4 -0.1 -0.2% 47.4 51.9% 0.2% 51.9% 52.2 0.2% 48.7 48.6 -0.1 -0.1 -0.2% 51.9% 53.1% 0.0% 53.1% 53.1% 53.1% 53.4 0.2 0.0 53.6 52 1 52.1 0.0 0.0% 48.7 48.6 -0.2% 47 4 47.4 0.0% 55.6% 56.8% 55.6% 55.6% 55.6% 53.4 53.5 0.1 0.2% 52.1 52.1 0.0 0.0% 48.6 48.5 -0.1 -0.2% 47.3 47.3 0.0 0.0% 56.8% 58.0% 58.0% 58.0% 53.4 53.5 0.1 0.2% 52.1 52.1 0.0 0.0% 48.6 48.4 -0.2 -0.4% 58.0% 47.2 47.2 0.0 0.0% 60.5% 60.5% 60.5% 53.4 53.4 0.0 0.0% 52.1 52.1 0.0 0.0% 48.5 48.4 -0.1 -0.2% 60.5% 47.1 47.1 0.0 0.0% 61.7% 47.0 63.0% 63.0% 63.0% 53.4 63.0% 53.4 0.0 0.0% 52.1 52.1 0.0 0.0% 48.5 48.4 -0.1 -0.2% 47.0 47.0 0.0 0.0% 64.2% 65.4% 53.4 53.3 64.2% 65.4% 64.2% 65.4% -0.2% -0.4% 64.2% 65.4% 0.0 0.1 -0.1 -0.2 53.3 52.0 0.0% 47.0 47.0 0.0% 0.0% 52.0 0.0 48.5 48.3 66.7% 67.9% 53.3 53.3 0.0% 66.7% 67.9% 66.7% 67.9% 66.7% 67.9% 53.3 53.3 0.0 52.0 0.0% 48.4 48 3 -0.1 -0.1 -0.2% 46.9 46.9 0.0 0.0% 52.0 52.0 0.0 0.0% 48.4 48.3 -0.2% 46.9 46.9 0.0% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 0.2% 52.0 18.4 -0.2 -0.1 -0.4% 46.0 0.1 53.2 0.0 53.2 0.0% 52.0 52.0 0.0 0.0% 48.3 48.2 -0.2% 46.8 46.9 0.2% 71.6% 53.2 53.2 0.0 0.0% 0.2% 71.6% 52.0 0.0% 71.6% 48 3 48 1 -0.2 -0.2 -0.4% 71.6% 46.8 46.9 0.1 0.2% 72.8% 53.1 53.2 0.1 72.8% 52.0 52.0 0.0 0.0% 72.8% 48.3 48.1 -0.4% 72.8% 46.8 46.8 0.0 0.0% 74.1% 75.3% 74.1% 75.3% 74.1% 0.2% 74.1% -0.1 -0.1 -0.2% -0.2% 46.8 46.8 0.0 0.0% 75.3% 75.3% 48.2 76.5% 53.1 0.0 0.0% 76.5% 51.9 51.9 0.0% 76.5% 48.2 48.0 -0.2 -0.4% 76.5% 46.7 46.6 -0.1 -0.2% 77.8% 0.0% 77.8% 77.8% -0.1 77.8% -0.1 0.0% -0.2% 46.6 -0.2% 79.0% 53.1 53.1 0.0 0.0% 79.0% 51.9 51.9 0.0 0.0% 79.0% 48.1 48.0 -0.1 -0.2% 79.0% 46.7 46.5 -0.2 -0.4% 80.2% 53.1 53.1 0.0% 80.2% 51.9 80.2% 48.0 80.2% 46.5 51.9 0.0% 48.0 0.0 0.0% -0.2 -0.4% 81.5% 53.1 53.1 0.0 0.0% 81.5% 51.9 51.9 0.0% 81.5% 48.0 48.0 0.0 0.0% 81.5% 46.6 46.5 -0.1-0.2%82.7% 53.1 53.1 0.0% 82.7% 51.9 0.0% 82.7% 47.8 -0.2 -0.4% 82.7% 46.5 0.0% 84.0% 53.0 53.1 0.1 0.2% 84.0% 51.9 51.8 -0.1 -0.2% 84.0% 47.8 47.8 0.0% 84.0% 46.5 46.5 0.0 0.0% 85.2% 53.0 53.1 0.1 0.2% 85.2% 51.8 51.8 0.0 0.0% 85.2% 47.8 47.7 -0.1 -0.2% 85.2% 46.4 46.5 0.1 0.2% 86.4% 53.0 53.0 0.0% 86.4% 51.8 0.0% 86.4% 47.7 47.6 -0.1 -0.2% 86.4% 46.4 46.4 0.0% 87.7% 52.9 53.0 0.1 0.2% 87.7% 51.8 51.8 0.0 0.0% 87.7% 47.6 47.5 -0.1 -0.2% 87.7% 46.3 46.4 0.1 0.2% 88.9% 52.9 52.9 0.0 0.0% 88.9% 51.8 51.7 -0.1 -0.2% 88.9% 47.6 47.3 -0.3 -0.6% 88.9% 46.2 46.2 0.0 0.0% 90.1% 52.9 52.9 0.0 0.0% 90.1% 51.7 51.7 0.0 0.0% 90.1% 47.5 47.3 -0.2 -0.4% 90.1% 46.2 46.1 -0.1 -0.2% 91.4% 52.8 52.8 0.0% 91.4% 91.4% 47.5 -0.3 0.0 -0.6% 91.4% 46.0 -0.1 0.0 92.6% 92.6% 92.6% 52.8 0.0 0.0% 51.7 51.7 0.0 0.0% 47 1 47 1 0.0% 92.6% 45.9 45.9 0.0% 93.8% 52.8 0.0 51.6 -0.2% 93.8% 52.8 0.0% 93.8% 51.7 -0.193.8% 46.9 46.9 0.0 0.0% 45.5 45.5 0.0 0.0% 95.1% 95.1% 95.1% 95.1% 52.8 52.8 0.0 0.0% 51.6 51.5 -0.1 -0.2% 46.7 46.9 0.2 0.4% 45.3 45.0 -0.3 -0.7% 96.3% 52.8 52.8 0.0% 96.3% 51.5 51.4 0.2% 96.3% 97.5% 46.5 0.2 0.4% 96.3% 97.5% 44.9 44.9 0.0 0.0% 97.5% 97.5% 0.1 0.2% 0.0 0.0% 52.8 0.0 0.0% 51.3 45.9 46.0 0.2% 44 9 449 0.0% 0.0% 98.8% 0.0% 100.0% 100.0% 100.0% 100.0% 52.6 52.6 0.0 0.0% 50.6 50.6 0.0% 45.6 45.6 0.0 0.0% 43.7 43.7 0.0 0.0%

Table SQ-15-5b
Feather River below Fish Barrier Dam, Monthly Temperature
Probability of Exceedance

April

March

February

Percent		reduary			Percent		March			Percent		Aprii			Percent		Iviay		
Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	51.8	51.8	0.0	0.0%	0.0%	55.6	54.4	-1.2	-2.2%	0.0%	54.3	54.3	0.0	0.0%	0.0%	57.1	57.3	0.2	0.4%
1.2%	51.3	50.8	-0.5	-1.0%	1.2%	53.4	53.4	0.0	0.0%	1.2%	53.9	53.9	0.0	0.0%	1.2%	57.0	57.0	0.0	0.0%
2.5%	50.8	50.7	-0.1	-0.2%	2.5%	53.3	53.3	0.0	0.0%	2.5%	53.8	53.8	0.0	0.0%	2.5%	56.7	57.0	0.3	0.5%
3.7%	50.6	50.6	0.0	0.0%	3.7%	53.3	53.3	0.0	0.0%	3.7%	53.0	52.9	-0.1	-0.2%	3.7%	56.7	56.9	0.2	0.4%
4.9%	50.5	50.5	0.0	0.0%	4.9%	53.2	53.2	0.0	0.0%	4.9%	52.9	52.8	-0.1	-0.2%	4.9%	56.7	56.9	0.2	0.4%
6.2%	50.5	50.5	0.0	0.0%	6.2%	53.2	53.2	0.0	0.0%	6.2%	52.8	52.8	0.0	0.0%	6.2%	56.6	56.7	0.1	0.2%
7.4%	50.4	50.3	-0.1	-0.2%	7.4%	52.9	52.9	0.0	0.0%	7.4%	52.8	52.7	-0.1	-0.2%	7.4%	56.6	56.6	0.0	0.0%
8.6% 9.9%	50.3 50.1	50.3 50.0	0.0 -0.1	0.0% -0.2%	8.6% 9.9%	52.8 52.4	52.8 52.6	0.0 0.2	0.0%	8.6% 9.9%	52.8 52.5	52.6 52.6	-0.2 0.1	-0.4% 0.2%	8.6% 9.9%	56.6 56.4	56.6 56.6	0.0 0.2	0.0%
11.1%	50.1	50.0	-0.1	-0.2%	11.1%	52.4	52.6	0.2	0.4%	11.1%	52.5	52.5	0.0	0.2%	11.1%	56.4	56.5	0.2	0.4%
12.3%	50.0	50.0	0.0	0.0%	12.3%	51.9	52.2	0.2	0.6%	12.3%	52.3	52.5	0.0	0.4%	12.3%	56.4	56.4	0.0	0.0%
13.6%	50.0	50.0	0.0	0.0%	13.6%	51.8	52.0	0.2	0.4%	13.6%	52.2	52.5	0.3	0.6%	13.6%	56.4	56.4	0.0	0.0%
14.8%	49.9	49.9	0.0	0.0%	14.8%	51.5	51.4	-0.1	-0.2%	14.8%	52.2	52.3	0.1	0.2%	14.8%	56.4	56.4	0.0	0.0%
16.0%	49.9	49.9	0.0	0.0%	16.0%	51.5	51.4	-0.1	-0.2%	16.0%	52.2	52.2	0.0	0.0%	16.0%	56.4	56.4	0.0	0.0%
17.3%	49.9	49.9	0.0	0.0%	17.3%	51.4	51.4	0.0	0.0%	17.3%	52.1	52.2	0.1	0.2%	17.3%	56.3	56.4	0.1	0.2%
18.5%	49.8	49.8	0.0	0.0%	18.5%	51.4	51.3	-0.1	-0.2%	18.5%	52.1	52.1	0.0	0.0%	18.5%	56.3	56.3	0.0	0.0%
19.8%	49.7	49.8	0.1	0.2%	19.8%	51.3	51.2	-0.1	-0.2%	19.8%	52.0	52.1	0.1	0.2%	19.8%	56.2	56.3	0.1	0.2%
21.0%	49.7	49.7	0.0	0.0%	21.0%	51.3	51.0	-0.3	-0.6%	21.0%	52.0	52.1	0.1	0.2%	21.0%	56.2	56.2	0.0	0.0%
22.2%	49.6	49.6	0.0	0.0%	22.2%	51.2	50.9	-0.3	-0.6%	22.2%	52.0	52.0	0.0	0.0%	22.2%	56.2	56.2	0.0	0.0%
23.5%	49.5	49.5	0.0	0.0%	23.5%	51.1	50.9	-0.2	-0.4%	23.5%	51.9	52.0	0.1	0.2%	23.5%	56.1	56.2	0.1	0.2%
24.7%	49.4	49.4	0.0	0.0%	24.7%	50.9	50.8	-0.1	-0.2%	24.7%	51.9	52.0	0.1	0.2%	24.7%	56.1	56.2	0.1	0.2%
25.9%	49.3	49.4	0.1	0.2%	25.9%	50.9	50.8	-0.1	-0.2%	25.9%	51.8	52.0	0.2	0.4%	25.9%	56.1	56.1	0.0	0.0%
27.2%	49.3	49.3	0.0	0.0%	27.2%	50.7	50.7	0.0	0.0%	27.2%	51.8	52.0	0.2	0.4%	27.2%	56.1	56.1	0.0	0.0%
28.4%	49.3	49.3	0.0	0.0%	28.4%	50.7	50.6	-0.1	-0.2%	28.4%	51.8	51.9	0.1	0.2%	28.4%	56.1	56.1	0.0	0.0%
29.6%	49.2	49.3	0.1	0.2%	29.6%	50.5	50.5	0.0	0.0%	29.6%	51.8	51.8	0.0	0.0%	29.6%	56.1	56.1	0.0	0.0%
30.9% 32.1%	49.2 49.2	49.3 49.2	0.1 0.0	0.2%	30.9% 32.1%	50.5 50.4	50.3 50.3	-0.2 -0.1	-0.4% -0.2%	30.9% 32.1%	51.8 51.8	51.8 51.8	0.0	0.0%	30.9% 32.1%	56.1 56.0	56.1 56.1	0.0 0.1	0.0%
32.1%	49.2 49.2	49.2 49.1	-0.1	-0.2%	32.1%	50.4	50.3	-0.1	-0.2%	33.3%	51.8 51.7	51.8 51.8	0.0	0.0%	32.1%	56.0	56.1 56.1	0.1	0.2%
34.6%	49.2	49.1	0.1	0.2%	34.6%	50.3	50.3	0.0	0.0%	34.6%	51.7	51.8	0.1	0.2%	34.6%	55.9	56.0	0.1	0.2%
35.8%	49.0	49.1	0.1	0.2%	35.8%	50.3	50.3	0.0	0.0%	35.8%	51.7	51.7	0.0	0.0%	35.8%	55.9	56.0	0.1	0.2%
37.0%	48.9	49.0	0.1	0.2%	37.0%	50.2	49.9	-0.3	-0.6%	37.0%	51.7	51.7	0.0	0.0%	37.0%	55.9	56.0	0.1	0.2%
38.3%	48.8	48.8	0.0	0.0%	38.3%	50.0	49.9	-0.1	-0.2%	38.3%	51.7	51.7	0.0	0.0%	38.3%	55.8	55.9	0.1	0.2%
39.5%	48.7	48.7	0.0	0.0%	39.5%	50.0	49.8	-0.2	-0.4%	39.5%	51.6	51.7	0.1	0.2%	39.5%	55.8	55.9	0.1	0.2%
40.7%	48.7	48.7	0.0	0.0%	40.7%	49.9	49.8	-0.1	-0.2%	40.7%	51.6	51.7	0.1	0.2%	40.7%	55.8	55.9	0.1	0.2%
42.0%	48.7	48.6	-0.1	-0.2%	42.0%	49.9	49.8	-0.1	-0.2%	42.0%	51.6	51.6	0.0	0.0%	42.0%	55.8	55.8	0.0	0.0%
43.2%	48.7	48.5	-0.2	-0.4%	43.2%	49.9	49.8	-0.1	-0.2%	43.2%	51.6	51.6	0.0	0.0%	43.2%	55.7	55.8	0.1	0.2%
44.4%	48.6	48.5	-0.1	-0.2%	44.4%	49.8	49.7	-0.1	-0.2%	44.4%	51.5	51.6	0.1	0.2%	44.4%	55.7	55.8	0.1	0.2%
45.7%	48.6	48.5	-0.1	-0.2%	45.7%	49.7	49.7	0.0	0.0%	45.7%	51.5	51.6	0.1	0.2%	45.7%	55.7	55.8	0.1	0.2%
46.9%	48.5	48.4	-0.1	-0.2%	46.9%	49.7	49.7	0.0	0.0%	46.9%	51.5	51.6	0.1	0.2%	46.9%	55.7	55.8	0.1	0.2%
48.1%	48.5	48.4	-0.1	-0.2%	48.1%	49.6	49.6	0.0	0.0%	48.1%	51.5	51.5	0.0	0.0%	48.1%	55.7	55.7	0.0	0.0%
49.4%	48.4	48.4	0.0	0.0%	49.4%	49.5	49.5	0.0	0.0%	49.4%	51.4	51.5	0.1	0.2%	49.4%	55.6	55.7	0.1	0.2%
50.6%	48.4 48.3	48.3 48.3	-0.1	-0.2%	50.6%	49.5 49.4	49.5 49.4	0.0	0.0%	50.6%	51.4 51.4	51.4	0.0	0.0%	50.6% 51.9%	55.6 55.6	55.7 55.7	0.1	0.2%
51.9% 53.1%	48.3 48.3	48.3 48.2	0.0 -0.1	0.0% -0.2%	51.9% 53.1%	49.4	49.4 49.4	0.0	0.0% 0.2%	51.9% 53.1%	51.4 51.3	51.4 51.4	0.0	0.0%	51.9%	55.6 55.6	55.7 55.7	0.1	0.2%
53.1%	48.2	48.2	0.0	0.2%	53.1%	49.3	49.4	0.1	0.2%	54.3%	51.3	51.4	0.0	0.2%	54.3%	55.6	55.7 55.6	0.1	0.2%
55.6%	48.1	48.1	0.0	0.0%	55.6%	49.3	49.3	0.0	0.0%	55.6%	51.2	51.3	0.1	0.2%	55.6%	55.6	55.6	0.0	0.0%
56.8%	48.0	48.1	0.1	0.2%	56.8%	49.2	49.2	0.0	0.0%	56.8%	51.2	51.3	0.1	0.2%	56.8%	55.6	55.6	0.0	0.0%
58.0%	47.9	48.1	0.2	0.4%	58.0%	49.2	49.2	0.0	0.0%	58.0%	51.2	51.2	0.0	0.0%	58.0%	55.5	55.6	0.1	0.2%
59.3%	47.9	48.0	0.1	0.2%	59.3%	49.1	49.1	0.0	0.0%	59.3%	51.1	51.2	0.1	0.2%	59.3%	55.5	55.6	0.1	0.2%
60.5%	47.9	48.0	0.1	0.2%	60.5%	49.1	49.1	0.0	0.0%	60.5%	51.1	51.1	0.0	0.0%	60.5%	55.4	55.6	0.2	0.4%
61.7%	47.9	48.0	0.1	0.2%	61.7%	49.1	49.1	0.0	0.0%	61.7%	51.0	51.1	0.1	0.2%	61.7%	55.4	55.5	0.1	0.2%
63.0%	47.9	47.9	0.0	0.0%	63.0%	49.1	49.0	-0.1	-0.2%	63.0%	51.0	51.1	0.1	0.2%	63.0%	55.4	55.5	0.1	0.2%
64.2%	47.8	47.8	0.0	0.0%	64.2%	49.0	49.0	0.0	0.0%	64.2%	51.0	51.0	0.0	0.0%	64.2%	55.3	55.5	0.2	0.4%
65.4%	47.7	47.7	0.0	0.0%	65.4%	48.9	48.9	0.0	0.0%	65.4%	50.9	51.0	0.1	0.2%	65.4%	55.2	55.2	0.0	0.0%
66.7%	47.6	47.7	0.1	0.2%	66.7%	48.8	48.8	0.0	0.0%	66.7%	50.9	51.0	0.1	0.2%	66.7%	55.2	55.2	0.0	0.0%
67.9%	47.6	47.7	0.1	0.2%	67.9%	48.8 48.7	48.8	0.0	0.0%	67.9%	50.9	50.9	0.0	0.0%	67.9%	55.2	55.2	0.0	0.0%
69.1% 70.4%	47.5 47.5	47.7 47.6	0.2	0.4% 0.2%	69.1% 70.4%	48.7 48.6	48.6 48.6	-0.1 0.0	-0.2% 0.0%	69.1% 70.4%	50.9 50.8	50.9 50.9	0.0	0.0%	69.1% 70.4%	55.1 55.1	55.1 55.1	0.0	0.0%
70.4%	47.5 47.4	47.5	0.1	0.2%	71.6%	48.6	48.6	0.0	0.0%	71.6%	50.8	50.8	0.0	0.0%	71.6%	55.0	55.1	0.0	0.2%
72.8%	47.4	47.5 47.4	0.0	0.0%	71.6%	48.6	48.6	0.0	0.0%	72.8%	50.7	50.8	0.0	0.0%	71.8%	54.8	54.8	0.0	0.2%
74.1%	47.3	47.4	0.1	0.0%	74.1%	48.6	48.5	-0.1	-0.2%	74.1%	50.7	50.7	0.0	0.0%	74.1%	54.7	54.8	0.0	0.2%
75.3%	47.3	47.3	0.0	0.0%	75.3%	48.5	48.5	0.0	0.0%	75.3%	50.6	50.6	0.0	0.0%	75.3%	54.7	54.7	0.0	0.0%
76.5%	47.2	47.3	0.1	0.2%	76.5%	48.4	48.5	0.1	0.2%	76.5%	50.6	50.6	0.0	0.0%	76.5%	54.6	54.6	0.0	0.0%
77.8%	47.2	47.3	0.1	0.2%	77.8%	48.3	48.4	0.1	0.2%	77.8%	50.6	50.6	0.0	0.0%	77.8%	54.6	54.6	0.0	0.0%
79.0%	47.2	47.2	0.0	0.0%	79.0%	48.3	48.4	0.1	0.2%	79.0%	50.5	50.5	0.0	0.0%	79.0%	54.5	54.5	0.0	0.0%
80.2%	47.1	47.1	0.0	0.0%	80.2%	48.3	48.3	0.0	0.0%	80.2%	50.4	50.4	0.0	0.0%	80.2%	54.5	54.5	0.0	0.0%
81.5%	47.1	47.1	0.0	0.0%	81.5%	48.3	48.2	-0.1	-0.2%	81.5%	50.4	50.4	0.0	0.0%	81.5%	54.5	54.5	0.0	0.0%
82.7%	47.0	47.0	0.0	0.0%	82.7%	48.2	48.2	0.0	0.0%	82.7%	50.3	50.3	0.0	0.0%	82.7%	54.4	54.4	0.0	0.0%
84.0%	47.0	47.0	0.0	0.0%	84.0%	48.1	48.1	0.0	0.0%	84.0%	50.2	50.2	0.0	0.0%	84.0%	54.4	54.4	0.0	0.0%
85.2%	47.0	46.9	-0.1	-0.2%	85.2%	48.1	48.0	-0.1	-0.2%	85.2%	50.2	50.2	0.0	0.0%	85.2%	54.4	54.4	0.0	0.0%
86.4%	46.9	46.9	0.0	0.0%	86.4%	48.0	47.9	-0.1	-0.2%	86.4%	50.2	50.2	0.0	0.0%	86.4%	54.3	54.3	0.0	0.0%
87.7%	46.9	46.8	-0.1	-0.2%	87.7%	47.9	47.9	0.0	0.0%	87.7%	50.2	50.2	0.0	0.0%	87.7%	54.3	54.3	0.0	0.0%
88.9% 90.1%	46.6 46.5	46.6 46.5	0.0	0.0%	88.9% 90.1%	47.9 47.9	47.9 47.9	0.0	0.0%	88.9% 90.1%	50.0 50.0	50.0 50.0	0.0	0.0%	88.9% 90.1%	54.3 54.2	54.3 54.2	0.0	0.0%
90.1%	46.5 46.4	46.5 46.4	0.0	0.0%	90.1%	47.9 47.8	47.9	0.0	0.0%	90.1%	49.9	49.9	0.0	0.0%	90.1%	54.2 54.2	54.2	0.0	0.0%
91.4%	46.4 46.3	46.4 46.3	0.0	0.0%	91.4%	47.8 47.8	47.8 47.8	0.0	0.0%	91.4%	49.9	49.9 49.8	0.0	0.0%	91.4%	54.2 54.1	54.2 54.1	0.0	0.0%
93.8%	46.3	46.3	0.0	0.0%	93.8%	47.6	47.7	0.0	0.0%	93.8%	49.8	49.8	0.0	0.0%	93.8%	54.0	54.0	0.0	0.0%
95.1%	46.3	46.3	0.0	0.0%	95.1%	47.7	47.7	0.0	0.0%	95.1%	49.8	49.8	0.0	0.0%	95.1%	54.0	54.0	0.0	0.0%
96.3%	46.2	46.2	0.0	0.0%	96.3%	47.6	47.6	0.0	0.0%	96.3%	49.7	49.7	0.0	0.0%	96.3%	54.0	54.0	0.0	0.0%
97.5%	46.1	46.1	0.0	0.0%	97.5%	47.6	47.5	-0.1	-0.2%	97.5%	49.6	49.6	0.0	0.0%	97.5%	54.0	54.0	0.0	0.0%
98.8%	46.1	46.1	0.0	0.0%	98.8%	47.3	47.3	0.0	0.0%	98.8%	49.6	49.6	0.0	0.0%	98.8%	53.6	53.6	0.0	0.0%
100.0%	46.1	46.1	0.0	0.0%	100.0%	47.3	47.3	0.0	0.0%	100.0%	49.6	49.6	0.0	0.0%	100.0%	53.6	53.6	0.0	0.0%

Table SQ-15-5b Feather River below Fish Barrier Dam, Monthly Temperature Probability of Exceedance

		June					July		Probabili	y of Exceedance		August					September		
Percent	No Action Alternative	Alternative B	Absolute		Percent	No Action Alternative	Alternative B	Absolute		Percent	No Action Alternative	Alternative B	Absolute		Percent	No Action Alternative	Alternative B	Absolute	
Exceedance Probability	Monthly Temperature		Difference	Relative Difference (%)	Exceedance Probability	Monthly Temperature	Monthly Temperature	Difference	Relative Difference (%)	Exceedance Probability	Monthly Temperature		Difference	Relative Difference (%)	Exceedanc Probability		Monthly Temperature	Difference	Relative Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (%)	(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (%)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	59.0 58.7	58.9 58.8	-0.1	-0.2%	0.0%	64.7	63.7	-1.0	-1.5%	0.0%	63.6	64.4 63.8	0.8	1.3%	0.0%	60.0	59.5 58.7	-0.5	-0.8%
1.2% 2.5%	58.7 58.5	58.6	0.1	0.2%	1.2% 2.5%	63.1 62.8	62.2 62.1	-0.9 -0.7	-1.4% -1.1%	1.2% 2.5%	63.1 62.9	63.7	0.7 0.8	1.1%	1.2% 2.5%	58.7 58.1	58.7 58.7	0.0	0.0% 1.0%
3.7%	58.5	58.6	0.1	0.2%	3.7%	62.4	62.0	-0.4	-0.6%	3.7%	62.9	63.0	0.1	0.2%	3.7%	57.9	57.8	-0.1	-0.2%
4.9% 6.2%	58.4 58.3	58.5 58.5	0.1	0.2%	4.9% 6.2%	62.3 62.1	61.9 61.9	-0.4 -0.2	-0.6% -0.3%	4.9% 6.2%	62.9 62.7	62.9 62.6	0.0 -0.1	0.0% -0.2%	4.9% 6.2%	57.7 57.7	57.3 57.3	-0.4 -0.4	-0.7% -0.7%
7.4%	58.3	58.4	0.1	0.2%	7.4%	61.9	61.8	-0.1	-0.2%	7.4%	62.6	62.4	-0.2	-0.3%	7.4%	57.7	57.0	-0.7	-1.2%
8.6% 9.9%	58.2 58.2	58.3 58.3	0.1 0.1	0.2%	8.6% 9.9%	61.9 61.6	61.7 61.6	-0.2 0.0	-0.3% 0.0%	8.6% 9.9%	62.4 62.3	61.9 61.6	-0.5 -0.7	-0.8% -1.1%	8.6% 9.9%	56.8 56.8	56.6 56.6	-0.2 -0.2	-0.4% -0.4%
11.1%	58.2	58.3	0.1	0.2%	11.1%	61.5	61.5	0.0	0.0%	11.1%	62.3	61.5	-0.7	-1.1%	11.1%	56.7	56.6	-0.2	-0.4%
12.3%	58.1	58.3	0.2	0.3%	12.3%	61.5	61.3	-0.2	-0.3%	12.3%	62.2	61.2	-1.0	-1.6%	12.3%	56.7	56.4	-0.3	-0.5%
13.6% 14.8%	58.1 58.1	58.2 58.2	0.1	0.2%	13.6% 14.8%	61.4 61.3	61.3 61.3	-0.1 0.0	-0.2%	13.6% 14.8%	62.0 61.9	61.0 61.0	-1.0 -0.9	-1.6% -1.5%	13.6% 14.8%	56.6 56.6	56.4 56.2	-0.2 -0.4	-0.4% -0.7%
16.0%	58.1	58.2	0.1	0.2%	16.0%	61.3	61.3	0.0	0.0%	16.0%	61.7	60.9	-0.8	-1.3%	16.0%	56.5	56.2	-0.3	-0.5%
17.3%	58.1	58.2	0.1	0.2%	17.3%	61.3	61.2	-0.1	-0.2%	17.3%	61.6	60.9	-0.7	-1.1%	17.3%	56.4	56.0	-0.4	-0.7%
18.5% 19.8%	58.1 58.1	58.1 58.1	0.0	0.0%	18.5% 19.8%	61.2 61.2	61.2 61.2	0.0	0.0%	18.5% 19.8%	61.6 61.5	60.9 60.9	-0.7 -0.6	-1.1% -1.0%	18.5% 19.8%	56.4 56.2	55.9 55.9	-0.5 -0.3	-0.9% -0.5%
21.0%	58.1	58.1	0.0	0.0%	21.0%	61.1	61.1	0.0	0.0%	21.0%	61.5	60.8	-0.7	-1.1%	21.0%	56.2	55.8	-0.4	-0.7%
22.2% 23.5%	58.1 58.1	58.0 58.0	-0.1 -0.1	-0.2% -0.2%	22.2% 23.5%	61.1 61.1	61.1 61.1	0.0	0.0%	22.2% 23.5%	61.5 61.4	60.7 60.7	-0.8 -0.7	-1.3% -1.1%	22.2% 23.5%	56.1 56.0	55.8 55.8	-0.3 -0.2	-0.5% -0.4%
24.7%	58.1	58.0	-0.1	-0.2%	24.7%	61.0	61.1	0.1	0.2%	24.7%	61.3	60.7	-0.6	-1.0%	24.7%	55.9	55.7	-0.2	-0.4%
25.9% 27.2%	58.0 58.0	58.0 58.0	0.0	0.0%	25.9% 27.2%	61.0 61.0	61.1 61.1	0.1	0.2%	25.9% 27.2%	60.6 60.6	60.7 60.7	0.1	0.2%	25.9% 27.2%	55.8 55.8	55.6 55.6	-0.2 -0.2	-0.4% -0.4%
28.4%	58.0	58.0	0.0	0.0%	28.4%	61.0	61.1	0.1	0.2%	28.4%	60.6	60.6	0.0	0.2%	28.4%	55.7	55.6	-0.2	-0.4%
29.6%	58.0	58.0	0.0	0.0%	29.6%	61.0	61.1	0.1	0.2%	29.6%	60.5	60.6	0.1	0.2%	29.6%	55.7	55.6	-0.1	-0.2%
30.9% 32.1%	57.9 57.9	57.9 57.9	0.0	0.0%	30.9% 32.1%	61.0 61.0	61.1 61.0	0.1	0.2%	30.9% 32.1%	60.5 60.3	60.5 60.5	0.0	0.0%	30.9% 32.1%	55.7 55.6	55.6 55.5	-0.1 -0.1	-0.2% -0.2%
33.3%	57.9	57.9	0.0	0.0%	33.3%	61.0	61.0	0.0	0.0%	33.3%	60.3	60.5	0.2	0.3%	33.3%	55.6	55.4	-0.2	-0.4%
34.6% 35.8%	57.8 57.8	57.9 57.8	0.1	0.2%	34.6% 35.8%	61.0 61.0	61.0 61.0	0.0	0.0%	34.6% 35.8%	60.3 60.3	60.5 60.4	0.2	0.3%	34.6% 35.8%	55.5 55.5	55.4 55.3	-0.1 -0.2	-0.2% -0.4%
37.0%	57.8	57.8	0.0	0.0%	37.0%	60.9	61.0	0.1	0.2%	37.0%	60.3	60.3	0.0	0.0%	37.0%	55.5	55.3	-0.2	-0.4%
38.3%	57.8	57.7	-0.1	-0.2%	38.3%	60.9	61.0	0.1	0.2%	38.3%	60.3	60.2	-0.1	-0.2%	38.3%	55.5	55.3	-0.2	-0.4%
39.5% 40.7%	57.7 57.7	57.7 57.7	0.0	0.0%	39.5% 40.7%	60.9 60.9	61.0 61.0	0.1 0.1	0.2%	39.5% 40.7%	60.2 60.2	60.2 60.1	0.0 -0.1	0.0% -0.2%	39.5% 40.7%	55.4 55.4	55.3 55.3	-0.1 -0.1	-0.2% -0.2%
42.0%	57.7	57.7	0.0	0.0%	42.0%	60.9	60.9	0.0	0.0%	42.0%	60.2	60.1	-0.1	-0.2%	42.0%	55.4	55.3	-0.1	-0.2%
43.2% 44.4%	57.7 57.6	57.6 57.6	-0.1	-0.2% 0.0%	43.2% 44.4%	60.9 60.9	60.9 60.9	0.0	0.0%	43.2% 44.4%	60.1 60.1	60.1	0.0 -0.1	0.0%	43.2% 44.4%	55.4 55.3	55.3 55.2	-0.1 -0.1	-0.2%
45.7%	57.6	57.6	0.0	0.0%	45.7%	60.9	60.9	0.0	0.0%	45.7%	60.1	60.0	-0.1	-0.2%	45.7%	55.2	55.2	0.0	0.0%
46.9%	57.6	57.6	0.0	0.0%	46.9%	60.9	60.9	0.0	0.0%	46.9% 48.1%	60.1	60.0	-0.1	-0.2%	46.9%	55.2	55.2	0.0	0.0%
48.1% 49.4%	57.6 57.6	57.6 57.6	0.0	0.0%	48.1% 49.4%	60.9 60.9	60.9 60.9	0.0	0.0%	48.1% 49.4%	60.1 60.1	60.0 59.9	-0.1 -0.2	-0.2% -0.3%	48.1% 49.4%	55.2 55.1	55.1 55.0	-0.1 -0.1	-0.2% -0.2%
50.6%	57.6	57.6	0.0	0.0%	50.6%	60.9	60.9	0.0	0.0%	50.6%	60.0	59.9	-0.1	-0.2%	50.6%	55.1	54.9	-0.2	-0.4%
51.9% 53.1%	57.6 57.5	57.5 57.5	-0.1 0.0	-0.2% 0.0%	51.9% 53.1%	60.9 60.9	60.9 60.9	0.0	0.0%	51.9% 53.1%	60.0 60.0	59.9 59.9	-0.1 -0.1	-0.2% -0.2%	51.9% 53.1%	55.0 55.0	54.8 54.8	-0.2 -0.2	-0.4% -0.4%
54.3%	57.5	57.5	0.0	0.0%	54.3%	60.8	60.9	0.1	0.2%	54.3%	60.0	59.9	-0.1	-0.2%	54.3%	55.0	54.8	-0.2	-0.4%
55.6% 56.8%	57.5 57.5	57.5 57.5	0.0	0.0%	55.6% 56.8%	60.8 60.8	60.9 60.8	0.1	0.2%	55.6% 56.8%	60.0 60.0	59.9 59.9	-0.1	-0.2% -0.2%	55.6% 56.8%	55.0 54.9	54.8 54.8	-0.2 -0.1	-0.4%
58.0%	57.5 57.5	57.5 57.4	-0.1	0.0% -0.2%	58.0%	60.8	60.8	0.0	0.0%	58.0%	59.9	59.9	-0.1 0.0	0.0%	58.0%	54.9 54.8	54.8	0.0	-0.2% 0.0%
59.3%	57.5	57.4	-0.1	-0.2%	59.3%	60.8	60.8	0.0	0.0%	59.3%	59.9	59.9	0.0	0.0%	59.3%	54.8	54.7	-0.1	-0.2%
60.5% 61.7%	57.5 57.5	57.4 57.4	-0.1 -0.1	-0.2% -0.2%	60.5% 61.7%	60.8 60.8	60.8 60.8	0.0	0.0%	60.5% 61.7%	59.9 59.9	59.8 59.8	-0.1 -0.1	-0.2% -0.2%	60.5% 61.7%	54.8 54.8	54.6 54.6	-0.2 -0.2	-0.4% -0.4%
63.0%	57.4	57.4	0.0	0.0%	63.0%	60.7	60.8	0.1	0.2%	63.0%	59.9	59.8	-0.1	-0.2%	63.0%	54.7	54.6	-0.1	-0.2%
64.2% 65.4%	57.4 57.4	57.4 57.4	0.0	0.0%	64.2% 65.4%	60.7 60.7	60.8 60.8	0.1 0.1	0.2%	64.2% 65.4%	59.9 59.9	59.8 59.8	-0.1 -0.1	-0.2% -0.2%	64.2% 65.4%	54.7 54.7	54.6 54.6	-0.1 -0.1	-0.2% -0.2%
66.7%	57.4	57.4	0.0	0.0%	66.7%	60.7	60.8	0.1	0.2%	66.7%	59.8	59.8	0.0	0.0%	66.7%	54.6	54.6	0.0	0.0%
67.9%	57.4	57.4	0.0	0.0%	67.9%	60.7	60.7	0.0	0.0%	67.9%	59.8 59.8	59.8 59.8	0.0	0.0%	67.9%	54.6	54.5	-0.1	-0.2%
69.1% 70.4%	57.4 57.4	57.3 57.3	-0.1 -0.1	-0.2% -0.2%	69.1% 70.4%	60.7 60.7	60.7 60.7	0.0	0.0%	69.1% 70.4%	59.8 59.8	59.8 59.7	0.0 -0.1	0.0%	69.1% 70.4%	54.6 54.6	54.5 54.5	-0.1 -0.1	-0.2% -0.2%
71.6%	57.4	57.3	-0.1	-0.2%	71.6%	60.7	60.7	0.0	0.0%	71.6%	59.8	59.7	-0.1	-0.2%	71.6%	54.5	54.5	0.0	0.0%
72.8% 74.1%	57.3 57.3	57.3 57.2	0.0 -0.1	0.0%	72.8% 74.1%	60.7 60.7	60.7 60.7	0.0	0.0%	72.8% 74.1%	59.7 59.7	59.7 59.7	0.0	0.0%	72.8% 74.1%	54.5 54.5	54.5 54.5	0.0	0.0%
75.3%	57.2	57.2	0.0	0.0%	75.3%	60.7	60.7	0.0	0.0%	75.3%	59.7	59.7	0.0	0.0%	75.3%	54.5	54.4	-0.1	-0.2%
76.5% 77.8%	57.2 57.1	57.2 57.2	0.0 0.1	0.0%	76.5% 77.8%	60.7 60.7	60.7 60.7	0.0	0.0%	76.5% 77.8%	59.7 59.7	59.7 59.7	0.0	0.0%	76.5% 77.8%	54.5 54.4	54.4 54.4	-0.1 0.0	-0.2% 0.0%
79.0%	57.1	57.2	0.1	0.2%	79.0%	60.6	60.6	0.0	0.0%	79.0%	59.7	59.7	0.0	0.0%	79.0%	54.4	54.4	0.0	0.0%
80.2%	57.1	57.1	0.0	0.0%	80.2%	60.6	60.6	0.0	0.0%	80.2%	59.6	59.7	0.1	0.2%	80.2%	54.4	54.4	0.0	0.0%
81.5% 82.7%	57.1 57.1	57.1 57.1	0.0	0.0%	81.5% 82.7%	60.6 60.6	60.6 60.6	0.0	0.0%	81.5% 82.7%	59.6 59.6	59.7 59.6	0.1	0.2%	81.5% 82.7%	54.4 54.3	54.4 54.4	0.0	0.0% 0.2%
84.0%	57.1	57.1	0.0	0.0%	84.0%	60.6	60.6	0.0	0.0%	84.0%	59.6	59.6	0.0	0.0%	84.0%	54.3	54.3	0.0	0.0%
85.2% 86.4%	57.1 57.0	57.0 57.0	-0.1 0.0	-0.2% 0.0%	85.2% 86.4%	60.6 60.6	60.6 60.6	0.0	0.0%	85.2% 86.4%	59.6 59.6	59.6 59.6	0.0	0.0%	85.2% 86.4%	54.2 54.2	54.3 54.3	0.1 0.1	0.2% 0.2%
87.7%	57.0	57.0	0.0	0.0%	87.7%	60.6	60.6	0.0	0.0%	87.7%	59.6	59.6	0.0	0.0%	87.7%	54.2	54.3	0.1	0.2%
88.9%	56.9	56.9	0.0	0.0%	88.9%	60.6	60.6	0.0	0.0%	88.9%	59.5	59.5	0.0	0.0%	88.9%	54.2	54.2	0.0	0.0%
90.1% 91.4%	56.9 56.9	56.9 56.9	0.0	0.0%	90.1% 91.4%	60.5 60.5	60.5 60.5	0.0	0.0%	90.1% 91.4%	59.5 59.5	59.5 59.5	0.0	0.0%	90.1% 91.4%	54.2 54.2	54.2 54.1	-0.1	0.0%
92.6%	56.7	56.7	0.0	0.0%	92.6%	60.5	60.5	0.0	0.0%	92.6%	59.5	59.5	0.0	0.0%	92.6%	54.2	54.1	-0.1	-0.2%
93.8% 95.1%	56.7 56.5	56.7 56.5	0.0	0.0%	93.8%	60.5 60.5	60.5 60.5	0.0	0.0%	93.8% 95.1%	59.5 59.5	59.5 59.5	0.0	0.0%	93.8% 95.1%	54.1 54.1	54.1 54.1	0.0	0.0%
96.3%	56.3	56.3	0.0	0.0%	95.1% 96.3%	60.5	60.5	0.0	0.0%	96.3%	59.5	59.5	0.0	0.0%	96.3%	54.1	54.1	0.0	0.0%
97.5%	56.3	56.3	0.0	0.0%	97.5%	60.5	60.5	0.0	0.0%	97.5%	59.5	59.4	-0.1	-0.2%	97.5%	54.1	54.0	-0.1	-0.2%
98.8% 100.0%	56.1 56.1	56.1 56.1	0.0	0.0%	98.8% 100.0%	60.4 60.4	60.3 60.3	-0.1 -0.1	-0.2% -0.2%	98.8% 100.0%	59.5 59.5	59.3 59.3	-0.2 -0.2	-0.3% -0.3%	98.8% 100.0%	53.9 53.9	53.9 53.9	0.0	0.0%

Table SQ-16-5a Feather River below Thermalito Afterbay, Monthly Temperature Long-term Average and Average by Water Year Type

					Mon	thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	ig-term							
Full Simulation Period ¹												
No Action Alternative	58.8	53.0	47.1	46.5	49.7	53.0	56.5	62.2	67.0	68.7	68.7	62.8
Alternative B	58.8	53.0	47.0	46.5	49.7	52.9	56.5	62.0	67.1	68.8	68.7	62.8
Difference	0.0	-0.1	-0.1	0.0	0.0	-0.1	0.0	-0.1	0.1	0.1	0.0	0.0
Percent Difference ³	0.0%	-0.1%	-0.2%	0.0%	0.0%	-0.1%	0.0%	-0.2%	0.2%	0.1%	-0.1%	0.0%
				Water Y	ear Types	2						
Net (32%)												
No Action Alternative	58.4	53.1	47.3	47.1	49.0	51.2	55.0	60.5	65.5	69.4	69.5	60.8
Alternative B	58.5	53.1	47.2	47.1	49.0	51.2	55.0	60.5	65.6	69.4	69.9	60.7
Difference	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	-0.1
Percent Difference	0.2%	0.0%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	-0.29
Above Normal (15%)												
No Action Alternative	58.4	51.9	46.7	46.6	49.4	52.6	57.1	62.7	67.3	67.6	67.3	61.3
Alternative B	58.5	51.9	46.5	46.5	49.4	52.4	57.1	62.7	67.5	67.6	67.5	61.1
Difference	0.0	0.0	-0.2	0.0	0.0	-0.2	0.0	0.0	0.2	0.0	0.2	-0.2
Percent Difference	0.0%	0.0%	-0.4%	0.0%	0.0%	-0.3%	0.0%	0.0%	0.3%	0.0%	0.2%	-0.39
Below Normal (17%)												
No Action Alternative	59.4	53.1	46.5	46.2	49.6	53.7	57.4	62.6	67.4	68.0	68.0	65.2
Alternative B	59.4	53.1	46.5	46.0	49.6	53.7	57.4	62.6	67.7	68.0	68.2	65.1
Difference	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	-0.1	0.3	0.1	0.2	-0.1
Percent Difference	0.0%	0.0%	0.0%	-0.3%	0.0%	0.0%	0.1%	-0.1%	0.4%	0.1%	0.3%	-0.19
Dry (22%)												
No Action Alternative	59.1	53.2	47.5	45.7	50.1	54.5	57.3	62.9	68.1	67.9	67.5	63.8
Alternative B	59.0	53.2	47.3	45.7	50.1	54.3	57.4	62.6	68.3	68.1	67.2	64.0
Difference	-0.1	0.0	-0.2	0.0	0.0	-0.2	0.1	-0.2	0.2	0.1	-0.3	0.2
Percent Difference	-0.1%	0.0%	-0.3%	0.0%	0.1%	-0.3%	0.1%	-0.4%	0.3%	0.2%	-0.4%	0.3%
Critical (15%)		,		,	,	,	,	,	,	,	,	
No Action Alternative	59.2	53.8	47.4	46.2	50.8	53.9	57.0	63.3	67.7	70.2	70.6	64.1
Alternative B	59.1	53.4	47.4	46.3	50.7	53.8	56.7	62.9	67.6	70.4	69.6	64.0
Difference	-0.1	-0.4	0.0	0.1	0.0	-0.1	-0.3	-0.4	0.0	0.2	-1.0	0.0
Percent Difference	-0.2%	-0.8%	0.0%	0.1%	0.0%	-0.1%	-0.6%	-0.6%	0.0%	0.3%	-1.4%	0.09

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



Figure SQ-16-5b Feather River below Thermalito Afterbay, Monthly Temperature Probability of Exceedance

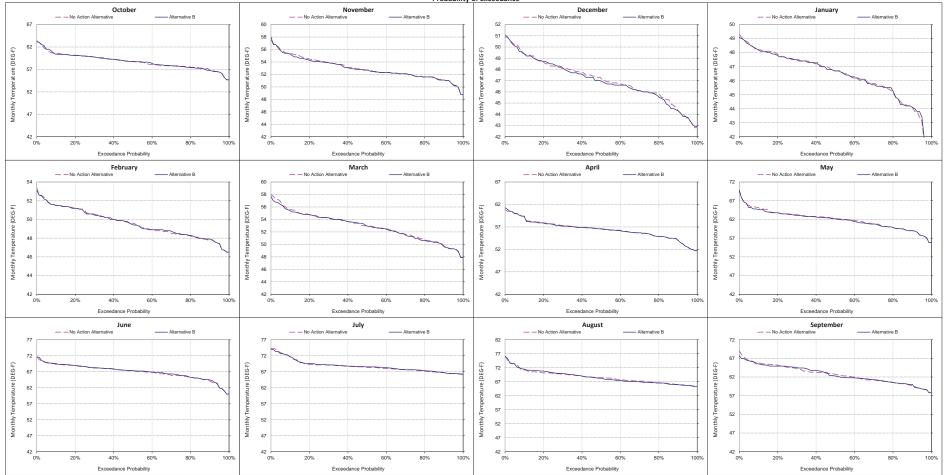


Table SQ-16-5b Feather River below Thermalito Afterbay, Monthly Temperature Probability of Exceedance

Novembe

Octobe

January Percent Percent Percent Percent No Action Alternative Alternative B Absolute Relative Relative Relative Relative Exceedance Exceedance Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG-F) (DEG.E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% 0.0% 63.4 63.2 -0.2 -0.3% 0.0% 57.5 0.5 0.9% 0.0% 51.1 50.9 -0.2 -0.4% 49.3 49.1 -0.4% 1.2% 63.0 63.0 0.0 0.0% 1.2% 57.0 56.8 -0.2 -0.4% 1.2% 50.9 50.9 0.0 0.0% 1.2% 49.1 49.0 -0.1 -0.2% 2.5% 62.7 62.5 -0.3% 2.5% 56.6 56.8 0.4% 2.5% 50.6 50.6 0.0% 2.5% 48.9 48.9 0.0% 3.7% 3.7% 61.8 62.4 0.6 1.0% 3.7% 56.5 56.3 -0.2 -0.4% 3.7% 50.4 50.3 -0.1 -0.2% 48.8 48.7 -0.1 -0.2% 4.9% 61.6 61.5 -0.1 -0.2% 4.9% 56.0 55.8 -0.2 -0.4% 4.9% 50.2 50.1 -0.1 -0.2% 4.9% 48.7 48.6 -0.1 -0.2% 6.2% 6.2% 6.2% 6.2% 61.0 61.5 0.5 0.8% 55.8 55.5 -0.3 -0.5% 50.2 50.0 -0.2 -0.4% 48.5 48.5 0.0 0.0% 7.4% 0.4 0.7% 7.4% -0.2% 7.4% 49.9 -0.3 0.1 -0.6% 7.4% 48.4 48.4 0.0 0.0% 8.6% 8.6% 8.6% 8.6 · . 9.9% 11.1% 12.3% 8.6% 60.7 60.6 -0.1 55.4 55.4 0.0 0.0% 49.5 49.6 0.2% 48.2 48.3 0.2% 9.9% -0.3% 0.0% -0.2% 11.1% 12.3% 60.6 60.4 -0.2 -0.3% 11.1% 55.3 55.0 -0.3 -0.5% 11.1% 49.3 49.2 -0.1 -0.2% 48.2 48.1 -0.1 -0.2% 13.6% 13.6% 13.6% 0.0% 60.3 60.3 0.0 0.0% 55.1 54.8 -0 3 -0.5% 49.2 492 0.0 0.0% 48 1 48 1 0.0 54.6 -0.4% 16.0% 16.0% 16.0% 16.0% 60.3 60.3 0.0 0.0% 54.8 54.6 -0.2 -0.4% 48.9 48.9 0.0 0.0% 48.1 48.0 -0.1 -0.2% 18.5% 18.5% 54.4 -0.4% 18.5% 0.2% 18.5% -0.1 60.2 60.1 -0.1 -0.2% 54.6 -0.2 48.7 48.8 0.1 48.0 47.9 -0.2% 19.8% 21.0% 60.2 60.1 -0.1 0.0 -0.2% 54.3 54.2 -0.2 -0.2 19.8% 0.0 0.0% 19.8% 21.0% 47.8 47.7 -0.1 -0.1 21.0% 47.8 60.1 0.0% 54.4 -0.4% 48.5 48.7 -0.2% 22.2% 23.5% 0.0% 22.2% 23.5% -0.6% 22.2% 23.5% 48.6 22.2% 23.5% 47.7 0.0 0.0% -0.3 -0.2 0.0 54.1 47.7 0.2 47.7 60.0 60.0 0.0% 54.3 -0.4% 48.3 48.5 0.4% 0.0% 24.7% 25.9% 0.0% 24.7% 25.9% 24.7% 25.9% 0.4% 24.7% 25.9% 0.0 -0.1 54.2 54.1 54.1 48.3 48.5 47 E 47.6 0.0 60.0 54.0 -0.1 -0.2% 48.4 0.1 47.6 47.6 59.9 48.3 0.0% 27.2% 28.4% 0.0% 27.2% 28.4% 59.9 59 9 27.2% 54.0 -0.2% 27.2% 48.2 48 3 47.5 47.6 0.1 59.8 0.1 28.4% 54.0 53.9 -0.1 -0.2% 28.4% 0.1 0.2% 47.5 47.5 0.0% 48.2 48.3 29.6% 30.9% 0.0% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 53.9 53.8 0.1 0.2% 47.5 0.0 -0.1 0.0% 59.7 53.8 0.0% 48.1 47.4 47.5 32.1% 59.6 59.6 0.0 0.0% 32.1% 53.8 53.8 0.0% 32.1% 48.1 47.9 -0.2 -0.4% 32.1% 47.4 47.4 0.0 0.0% 33.3% 0.1 0.2% 33.3% 53.7 0.0 0.0% 33.3% 48.0 -0.2 -0.4% 33.3% 47.4 0.0 0.0% 34.6% 59.4 0.2 0.3% 34.6% 53.7 53.6 -0.2% 34.6% 48.0 47.7 -0.3 -0.6% 34.6% 47.4 47.4 0.0 0.0% 35.8% 0.0% 35.8% 0.0% 35.8% -0.2 -0.4% 35.8% -0.1 59.4 53.6 47.9 47.3 -0.2% 37.0% 59.3 59.4 0.1 0.2% 37.0% 53.6 53.4 -0.2-0.4% 37.0% 47.8 47.7 -0.1 -0.2%37.0% 47.3 47.3 0.0 0.0% 38.3% 59.3 0.0% 38.3% 53.1 38.3% 47.8 47.6 -0.4% 38.3% 47.3 47.3 0.0% 39.5% 59.2 59.3 0.1 0.2% 39.5% 53.1 53.1 0.0 0.0% 39.5% 47.7 47.6 -0.1 -0.2% 39.5% 47.3 47.2 -0.1 -0.2% 40.7% 59.2 59.2 0.0% 40.7% 53.1 53.0 -0.2% 40.7% 47.7 47.5 -0.2 -0.4% 40.7% 47.3 47.2 -0.1 -0.2% 42.0% 59.2 59.1 -0.1-0.2% 42.0% 53.1 52.9 -0.2-0.4% 42.0% 47.5 47.3 -0.2-0.4% 42.0% 47.0 47.1 0.1 0.2% -0.4% 0.0% 43.2% 59.0 59.1 0.1 0.2% 43.2% 53.1 52.9 -0.2 43.2% 47.5 47.3 -0.2 -0.4% 43.2% 47.0 47.0 0.0 44.4% 59.0 0.0% 44.4% 52.9 52.8 -0.2% 44.4% 47.5 47.3 -0.2 -0.4% 44.4% 47.0 47.0 0.0 0.0% 45.7% 45.7% 45.7% 58.9 58.9 0.0 0.0% 52.9 52.8 -0.1 -0.2% 47.4 47.3 -0.1 -0.2% 45.7% 47.0 46.8 -0.2 -0.4% 46.9% 58.8 58.9 0.1 0.2% 46.9% 52.8 52.8 0.0% 46.9% 47.4 47.0 -0.4-0.8% 46.9% 46.9 46.8 -0.1-0.2% 48.1% 49.4% 58.8 58.8 0.0 0.0% 48.1% 52.8 52.7 -0.1 -0.2% 48.1% 47.3 47.0 -0.3 -0.6% 48.1% 46.8 46.8 0.0 0.0% 0.0% 49.4% 52.7 0.0% 49.4% 47.3 47.0 -0.3-0.6% 49.4% 46.7 46.7 0.0 0.0% 50.6% 50.6% 50.6% 50.6% 58.7 58.8 0.1 0.2% 52.7 52.7 0.0 0.0% 47.1 46.9 -0.2 -0.4% 46.7 46.7 0.0 0.0% 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45.8 45.7 57.8 57.8 0.0 52.1 0.0% 52.1 0.0 0.0% 46.1 46.1 0.0 0.0% 45.8 45.7 -0.2% 71.6% 57.8 57.7 57.8 0.0 0.0% 0.2% 71.6% 52.0 0.0% 71.6% 46 N 46.0 0.0% 71.6% 45.7 45.6 -0.1 0.0 -0.2% 72.8% 57.8 0.1 72.8% 52.0 52.0 0.0 0.0% 72.8% 46.0 46.0 0.0 0.0% 72.8% 45.6 45.6 0.0% 0.0% 74.1% 75.3% 0.0% 74.1% 75.3% 74.1% 0.0% 74.1% 0.0% 45.6 45.6 0.0 -0.1 57.7 75.3% 0.0% 75.3% -0.1 45.5 76.5% 57.7 -0.2% 76.5% 51.7 0.0% 76.5% 45.9 45.9 0.0% 76.5% 45.5 45.5 0.0 0.0% 77.8% -0.2% 77.8% 51.7 77.8% -0.1 -0.2% 77.8% 0.1 0.2% 0.0% 45.9 45.5 79.0% 57.6 -0.2 -0.3% 79.0% 51.6 51.6 0.0 0.0% 79.0% 45.9 45.7 -0.2 -0.4% 79.0% 45.3 45.5 0.2 0.4% 80.2% 57.5 57.4 -0.2% 80.2% 51.6 80.2% 80.2% 0.0% 45.8 45.5 -0.3 -0.7% 45.1 0.2% 81.5% 57.5 57.4 -0.2% 81.5% 51.6 51.6 0.0% 81.5% 45.5 45.4 -0.1 -0.2%81.5% 44.8 44.8 0.0 0.0% 82.7% 82.7% 57.4 57.3 -0.2% 82.7% 51.6 0.0% 45.3 -0.2 -0.4% 82.7% 44.7 44.7 0.0 0.0% 84.0% 57.4 -0.1 -0.2% 84.0% 51.6 51.6 0.0 0.0% 84.0% 45.3 44.9 -0.4 -0.9% 84.0% 44.5 44.3 -0.2 -0.4% 85.2% 57.3 57.2 -0.1 -0.2% 85.2% 51.3 51.5 0.2 0.4% 85.2% 45.3 44.8 -0.5 -1.1% 85.2% 44.3 44.3 0.0 0.0% 86.4% 57.3 57.2 -0.2% 86.4% 51.2 -0.2% 86.4% 44.9 44.5 -0.4-0.9% 86.4% 44.3 44.2 -0.1 -0.2% 87.7% 57.2 57.0 -0.2 -0.3% 87.7% 51.2 51.1 -0.1 -0.2% 87.7% 44.8 44.5 -0.3 -0.7% 87.7% 44.2 44.2 0.0 0.0% 88.9% 57.2 56.8 -0.4 -0.7% 88.9% 51.2 51.1 -0.1 -0.2% 88.9% 44.6 44.4 -0.2 -0.4% 88.9% 44.2 44.2 0.0 0.0% 90.1% 56.8 56.8 0.0 0.0% 90.1% 51.1 51.1 0.0 0.0% 90.1% 44.3 44.3 0.0 0.0% 90.1% 44.1 44.1 0.0 0.0% 91.4% 56.6 56.5 -0.4% 91.4% 51.0 91.4% 44.1 91.4% 43.8 44.0 0.2 91.4% 92.6% 92.6% 56.6 -0.1 -0.2% 51.0 51.0 0.0 0.0% 44.0 43.8 -0.2 -0.5% 92.6% 43.8 43.8 0.0% 93.8% 43.8 93.8% 0.4 56.5 56.5 0.0 0.0% 93.8% 50.6 50.6 0.0 0.0% 93.8% 43.8 0.0% 43.4 43.8 0.9% 95.1% 95.1% 95.1% 95.1% 56.5 56.4 -0.1 -0.2% 50.2 50.3 0.1 0.2% 43.6 43.7 0.1 0.2% 43.1 43.4 0.3 0.7% 96.3% 56. 0.0% 96.3% 50.1 50.2 0.2% 96.3% 97.5% 43.4 43.4 0.0% 96.3% 97.5% 41.6 41.8 0.2 0.5% 97.5% 97.5% 0.0% 0.0% 55.2 55.2 0.0 0.0% 49 9 499 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Table SQ-16-5b

Feather River below Thermalito Afterbay, Monthly Temperature Probability of Exceedance

		February					March					April					May		
Percent	No Action Alternative	Alternative B	Absolute		Percent	No Action Alternative	Alternative B	Absolute		Percent	No Action Alternative	Alternative B	Absolute		Percent	No Action Alternative	Alternative B	Absolute	
Exceedance			- Difference	Relative	Exceedance			Difference	Relative	Exceedance			Difference	Relative	Exceedance			Difference	Relative
Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	53.4	53.1	-0.3	-0.6%	0.0%	58.0	57.7	-0.3	-0.5%	0.0%	60.9	61.3	0.4	0.7%	0.0%	69.9	69.8	-0.1	-0.1%
1.2%	52.6	52.6	0.0	0.0%	1.2%	57.7	57.0	-0.7	-1.2%	1.2%	60.5	60.9	0.4	0.7%	1.2%	67.7	67.7	0.0	0.0%
2.5%	52.5	52.6	0.1	0.2%	2.5%	57.3	56.8	-0.5	-0.9%	2.5%	60.5	60.5	0.0	0.0%	2.5%	66.7	66.7	0.0	0.0%
3.7%	52.4	52.2	-0.2	-0.4%	3.7%	57.2	56.7	-0.5	-0.9%	3.7%	60.3	60.4	0.1	0.2%	3.7%	66.0	66.3	0.3	0.5%
4.9%	52.1	52.1	0.0	0.0%	4.9%	56.9	56.4	-0.5	-0.9%	4.9%	60.0	60.0	0.0	0.0%	4.9%	65.8	65.2	-0.6	-0.9%
6.2%	51.8	51.8	0.0	0.0%	6.2%	56.2	56.2	0.0	0.0%	6.2%	59.9	60.0	0.1	0.2%	6.2%	65.4	65.2	-0.2	-0.3%
7.4%	51.7	51.6	-0.1	-0.2%	7.4%	56.1	55.7	-0.4	-0.7%	7.4%	59.7	59.6	-0.1	-0.2%	7.4%	65.4	64.8	-0.6	-0.9%
8.6%	51.6	51.6	0.0	0.0%	8.6%	55.7	55.6	-0.1	-0.2%	8.6%	59.4	59.4	0.0	0.0%	8.6%	65.3	64.8	-0.5	-0.8%
9.9%	51.5	51.5	0.0	0.0%	9.9%	55.6	55.4	-0.2	-0.4%	9.9%	59.4	59.4	0.0	0.0%	9.9%	65.2	64.7	-0.5	-0.8%
11.1%	51.5	51.5	0.0	0.0%	11.1%	55.5	55.2	-0.2	-0.5%	11.1%	58.4	58.2	-0.2	-0.3%	11.1%	64.8	64.6	-0.2	-0.3%
12.3%	51.4	51.5	0.0	0.0%	12.3%	55.5 55.5	55.2 55.2	-0.3	-0.5%	12.3%	58.3	58.2	-0.2	-0.3%	12.3%	64.8	64.6	-0.2	-0.3%
																			-0.3%
13.6%	51.4	51.4	0.0	0.0%	13.6%	55.2	55.1	-0.1	-0.2%	13.6%	58.2	58.1	-0.1	-0.2%	13.6%	64.7	64.1	-0.6	-0.9%
14.8%	51.4	51.4	0.0	0.0%	14.8%	55.0	55.0	0.0	0.0%	14.8%	58.2	58.1	-0.1	-0.2%	14.8%	64.6	64.0	-0.6	-0.9%
16.0%	51.4	51.4	0.0	0.0%	16.0%	54.9	54.9	0.0	0.0%	16.0%	58.1	58.1	0.0	0.0%	16.0%	64.0	63.9	-0.1	-0.2%
17.3%	51.3	51.3	0.0	0.0%	17.3%	54.9	54.8	-0.1	-0.2%	17.3%	58.1	57.9	-0.2	-0.3%	17.3%	63.9	63.8	-0.1	-0.2%
18.5%	51.3	51.2	-0.1	-0.2%	18.5%	54.9	54.8	-0.1	-0.2%	18.5%	58.1	57.9	-0.2	-0.3%	18.5%	63.8	63.8	0.0	0.0%
19.8%	51.2	51.2	0.0	0.0%	19.8%	54.8	54.8	0.0	0.0%	19.8%	57.9	57.9	0.0	0.0%	19.8%	63.8	63.8	0.0	0.0%
21.0%	51.2	51.2	0.0	0.0%	21.0%	54.6	54.7	0.1	0.2%	21.0%	57.9	57.7	-0.2	-0.3%	21.0%	63.7	63.7	0.0	0.0%
22.2%	51.1	51.1	0.0	0.0%	22.2%	54.6	54.6	0.0	0.0%	22.2%	57.7	57.7	0.0	0.0%	22.2%	63.5	63.5	0.0	0.0%
23.5%	51.1	51.1	0.0	0.0%	23.5%	54.5	54.6	0.1	0.2%	23.5%	57.7	57.7	0.0	0.0%	23.5%	63.5	63.5	0.0	0.0%
24.7%	51.0	50.8	-0.2	-0.4%	24.7%	54.3	54.4	0.1	0.2%	24.7%	57.7	57.6	-0.1	-0.2%	24.7%	63.5	63.5	0.0	0.0%
25.9%	50.7	50.6	-0.1	-0.2%	25.9%	54.3	54.3	0.0	0.0%	25.9%	57.6	57.4	-0.2	-0.3%	25.9%	63.5	63.3	-0.2	-0.3%
27.2%	50.6	50.6	0.0	0.0%	27.2%	54.3	54.3	0.0	0.0%	27.2%	57.6	57.3	-0.3	-0.5%	27.2%	63.3	63.3	0.0	0.0%
28.4%	50.6	50.6	0.0	0.0%	28.4%	54.3	54.3	0.0	0.0%	28.4%	57.4	57.3	-0.1	-0.2%	28.4%	63.3	63.2	-0.1	-0.2%
29.6%	50.6	50.5	-0.1	-0.2%	29.6%	54.2	54.3	0.1	0.2%	29.6%	57.3	57.2	-0.1	-0.2%	29.6%	63.3	63.1	-0.1	-0.3%
30.9%	50.5	50.5	-0.1	-0.2%	30.9%	54.2	54.3 54.2	0.1	0.2%	30.9%	57.3	57.2 57.2	-0.1	-0.2%	30.9%	63.2	63.1	-0.2	-0.2%
30.9%	50.5	50.4	-0.1	-0.2%	30.9%	54.1 54.0	54.2 54.1	0.1	0.2%	32.1%	57.2	57.2 57.2	0.0	0.0%	32.1%	63.1	63.0	-0.1	-0.2%
33.3%	50.5	50.4	-0.1	-0.2%	33.3%	54.0	54.0	0.0	0.2%	33.3%	57.2 57.2	57.2 57.1		-0.2%	33.3%	63.1	62.9	-0.1	
33.3%	50.4	50.3	-0.1 0.0	-0.2%	33.3%	54.0 54.0	54.0 54.0	0.0	0.0%	33.3%	57.2 57.1	57.1 57.1	-0.1 0.0	-0.2%	33.3%	62.9	62.9	-0.2	-0.3% -0.2%
35.8%	50.2	50.2	0.0	0.0%	35.8%	54.0	54.0	0.0	0.0%	35.8%	57.1	57.0	-0.1	-0.2%	35.8%	62.8	62.8	0.0	0.0%
37.0%	50.2	50.2	0.0	0.0%	37.0%	54.0	53.8	-0.2	-0.4%	37.0%	57.0	56.9	-0.1	-0.2%	37.0%	62.8	62.8	0.0	0.0%
38.3%	50.2	50.0	-0.2	-0.4%	38.3%	53.8	53.8	0.0	0.0%	38.3%	56.9	56.9	0.0	0.0%	38.3%	62.8	62.7	-0.1	-0.2%
39.5%	50.0	50.0	0.0	0.0%	39.5%	53.7	53.7	0.0	0.0%	39.5%	56.9	56.9	0.0	0.0%	39.5%	62.8	62.7	-0.1	-0.2%
40.7%	49.9	50.0	0.1	0.2%	40.7%	53.6	53.6	0.0	0.0%	40.7%	56.9	56.9	0.0	0.0%	40.7%	62.7	62.6	-0.1	-0.2%
42.0%	49.9	49.9	0.0	0.0%	42.0%	53.6	53.6	0.0	0.0%	42.0%	56.9	56.8	-0.1	-0.2%	42.0%	62.7	62.6	-0.1	-0.2%
43.2%	49.9	49.9	0.0	0.0%	43.2%	53.4	53.5	0.1	0.2%	43.2%	56.8	56.8	0.0	0.0%	43.2%	62.7	62.5	-0.2	-0.3%
44.4%	49.9	49.9	0.0	0.0%	44.4%	53.4	53.5	0.1	0.2%	44.4%	56.8	56.8	0.0	0.0%	44.4%	62.6	62.5	-0.1	-0.2%
45.7%	49.8	49.8	0.0	0.0%	45.7%	53.4	53.4	0.0	0.0%	45.7%	56.8	56.7	-0.1	-0.2%	45.7%	62.6	62.4	-0.2	-0.3%
46.9%	49.7	49.8	0.1	0.2%	46.9%	53.1	53.4	0.3	0.6%	46.9%	56.7	56.7	0.0	0.0%	46.9%	62.5	62.4	-0.1	-0.2%
48.1%	49.7	49.6	-0.1	-0.2%	48.1%	53.0	53.3	0.3	0.6%	48.1%	56.6	56.6	0.0	0.0%	48.1%	62.4	62.2	-0.2	-0.3%
49.4%	49.6	49.5	-0.1	-0.2%	49.4%	53.0	53.0	0.0	0.0%	49.4%	56.6	56.6	0.0	0.0%	49.4%	62.4	62.2	-0.2	-0.3%
50.6%	49.6	49.4	-0.2	-0.4%	50.6%	53.0	52.9	-0.1	-0.2%	50.6%	56.6	56.5	-0.1	-0.2%	50.6%	62.2	62.1	-0.1	-0.2%
51.9%	49.4	49.4	0.0	0.0%	51.9%	52.9	52.9	0.0	0.0%	51.9%	56.5	56.4	-0.1	-0.2%	51.9%	62.2	62.0	-0.2	-0.3%
53.1%	49.4	49.3	-0.1	-0.2%	53.1%	52.9	52.7	-0.2	-0.4%	53.1%	56.4	56.4	0.0	0.0%	53.1%	62.1	61.9	-0.2	-0.3%
54.3%	49.1	49.1	0.0	0.0%	54.3%	52.7	52.7	0.0	0.0%	54.3%	56.4	56.3	-0.1	-0.2%	54.3%	62.0	61.9	-0.2	-0.2%
55.6%	49.1	49.0	-0.1	-0.2%	55.6%	52.7	52.6	-0.1	-0.2%	55.6%	56.3	56.3	0.0	0.0%	55.6%	62.0	61.9	-0.1	-0.2%
56.8%	49.0	49.0	0.0	0.0%	56.8%	52.7	52.6	0.0	0.0%	56.8%	56.3	56.3	0.0	0.0%	56.8%	61.9	61.8	-0.1	-0.2%
						52.5	52.6												
58.0%	48.9	49.0	0.1	0.2%	58.0%			0.1	0.2%		56.3	56.2	-0.1	-0.2%	58.0%	61.9	61.8	-0.1	-0.2%
59.3%	48.9	48.9	0.0	0.0%	59.3%	52.5	52.5	0.0	0.0%	59.3%	56.3	56.2	-0.1	-0.2%	59.3%	61.8	61.5	-0.3	-0.5%
60.5%	48.9	48.9	0.0	0.0%	60.5%	52.5	52.4	-0.1	-0.2%	60.5%	56.2	56.1	-0.1	-0.2%	60.5%	61.7	61.4	-0.3	-0.5%
61.7%	48.8	48.9	0.1	0.2%	61.7%	52.4	52.2	-0.2	-0.4%	61.7%	56.1	56.0	-0.1	-0.2%	61.7%	61.6	61.2	-0.4	-0.6%
63.0%	48.8	48.9	0.1	0.2%	63.0%	52.2	52.2	0.0	0.0%	63.0%	55.9	56.0	0.1	0.2%	63.0%	61.5	61.1	-0.4	-0.7%
64.2%	48.8	48.9	0.1	0.2%	64.2%	52.2	52.1	-0.1	-0.2%	64.2%	55.9	55.9	0.0	0.0%	64.2%	61.4	61.1	-0.3	-0.5%
65.4%	48.7	48.9	0.2	0.4%	65.4%	52.0	52.0	0.0	0.0%	65.4%	55.8	55.8	0.0	0.0%	65.4%	61.1	61.0	-0.1	-0.2%
66.7%	48.7	48.8	0.1	0.2%	66.7%	51.8	51.8	0.0	0.0%	66.7%	55.8	55.8	0.0	0.0%	66.7%	61.1	60.9	-0.2	-0.3%
67.9%	48.7	48.8	0.1	0.2%	67.9%	51.8	51.7	-0.1	-0.2%	67.9%	55.7	55.7	0.0	0.0%	67.9%	61.0	60.8	-0.2	-0.3%
69.1%	48.6	48.8	0.2	0.4%	69.1%	51.7	51.7	0.0	0.0%	69.1%	55.7	55.7	0.0	0.0%	69.1%	60.8	60.8	0.0	0.0%
70.4%	48.5	48.7	0.2	0.4%	70.4%	51.6	51.4	-0.2	-0.4%	70.4%	55.6	55.7	0.1	0.2%	70.4%	60.8	60.8	0.0	0.0%
71.6%	48.5	48.6	0.1	0.2%	71.6%	51.5	51.3	-0.2	-0.4%	71.6%	55.6	55.6	0.0	0.0%	71.6%	60.8	60.7	-0.1	-0.2%
72.8%	48.4	48.5	0.1	0.2%	72.8%	51.5	51.3	-0.2	-0.4%	72.8%	55.6	55.6	0.0	0.0%	72.8%	60.7	60.4	-0.3	-0.5%
74.1%	48.4	48.5	0.1	0.2%	74.1%	51.2	51.2	0.0	0.0%	74.1%	55.5	55.5	0.0	0.0%	74.1%	60.2	60.2	0.0	0.0%
75.3%	48.4	48.4	0.0	0.0%	75.3%	51.2	50.9	-0.3	-0.6%	75.3%	55.4	55.4	0.0	0.0%	75.3%	60.1	60.1	0.0	0.0%
76.5%	48.4	48.4	0.0	0.0%	76.5%	51.1	50.9	-0.2	-0.4%	76.5%	55.2	55.2	0.0	0.0%	76.5%	60.1	60.1	0.0	0.0%
77.8%	48.3	48.4	0.1	0.2%	77.8%	50.9	50.7	-0.2	-0.4%	77.8%	55.0	55.0	0.0	0.0%	77.8%	60.0	60.0	0.0	0.0%
79.0%	48.3	48.3	0.0	0.2%	79.0%	50.9	50.6	-0.2	-0.6%	79.0%	54.9	54.9	0.0	0.0%	79.0%	60.0	60.0	0.0	0.0%
																59.8			
80.2% 81.5%	48.2 48.2	48.3 48.2	0.1	0.2%	80.2% 81.5%	50.7 50.6	50.6 50.5	-0.1 -0.1	-0.2% -0.2%	80.2% 81.5%	54.9 54.9	54.9 54.9	0.0	0.0%	80.2% 81.5%	59.8 59.6	59.8 59.6	0.0	0.0%
					81.5% 82.7%														
82.7%	48.1	48.1	0.0	0.0%		50.6	50.5	-0.1	-0.2%	82.7%	54.8	54.8	0.0	0.0%	82.7%	59.6	59.6	0.0	0.0%
84.0%	48.1	48.0	-0.1	-0.2%	84.0%	50.4	50.4	0.0	0.0%	84.0%	54.7	54.7	0.0	0.0%	84.0%	59.5	59.5	0.0	0.0%
85.2%	47.9	48.0	0.1	0.2%	85.2%	50.3	50.4	0.1	0.2%	85.2%	54.5	54.5	0.0	0.0%	85.2%	59.5	59.5	0.0	0.0%
86.4%	47.9	48.0	0.1	0.2%	86.4%	50.3	50.4	0.1	0.2%	86.4%	54.5	54.5	0.0	0.0%	86.4%	59.2	59.2	0.0	0.0%
87.7%	47.9	47.9	0.0	0.0%	87.7%	50.2	50.2	0.0	0.0%	87.7%	54.5	54.5	0.0	0.0%	87.7%	59.0	59.0	0.0	0.0%
88.9%	47.8	47.9	0.1	0.2%	88.9%	50.1	50.0	-0.1	-0.2%	88.9%	54.4	54.4	0.0	0.0%	88.9%	59.0	59.0	0.0	0.0%
90.1%	47.8	47.9	0.1	0.2%	90.1%	49.7	49.6	-0.1	-0.2%	90.1%	54.0	54.0	0.0	0.0%	90.1%	59.0	59.0	0.0	0.0%
91.4%	47.8	47.8	0.0	0.0%	91.4%	49.6	49.5	-0.1	-0.2%	91.4%	53.5	53.5	0.0	0.0%	91.4%	58.9	58.9	0.0	0.0%
92.6%	47.6	47.6	0.0	0.0%	92.6%	49.3	49.4	0.1	0.2%	92.6%	53.2	53.2	0.0	0.0%	92.6%	58.6	58.6	0.0	0.0%
93.8%	47.5	47.5	0.0	0.0%	93.8%	49.3	49.3	0.0	0.0%	93.8%	52.7	52.7	0.0	0.0%	93.8%	57.9	57.9	0.0	0.0%
95.1%	47.4	47.4	0.0	0.0%	95.1%	49.3	49.3	0.0	0.0%	95.1%	52.5	52.5	0.0	0.0%	95.1%	57.7	57.7	0.0	0.0%
96.3%	46.8	46.8	0.0	0.0%	96.3%	49.2	49.2	0.0	0.0%	96.3%	52.1	52.1	0.0	0.0%	96.3%	57.5	57.5	0.0	0.0%
97.5%	46.7	46.7	0.0	0.0%	97.5%	48.9	48.8	-0.1	-0.2%	97.5%	52.0	52.0	0.0	0.0%	97.5%	57.1	57.1	0.0	0.0%
98.8%	46.5	46.5	0.0	0.0%	98.8%	47.9	47.9	0.0	0.0%	98.8%	51.7	51.7	0.0	0.0%	98.8%	55.8	55.8	0.0	0.0%
100.0%	46.5	46.5	0.0	0.0%	100.0%	47.9	47.9	0.0	0.0%	100.0%	51.7	51.7	0.0	0.0%	100.0%	55.8	55.8	0.0	0.0%
100.0%	70.0	TU.U	0.0	0.070	100.076	T1.3	₹7.5	0.0	0.070	100.0%	J1.1	91.7	0.0	0.070	100.0%	JU.0	JJ.0	0.0	0.070

Table SQ-16-5b
Feather River below Thermalito Afterbay, Monthly Temperature
Probability of Exceedance

August

September

Percent Percent Percent Percent No Action Alternative Alternative B Absolute Relative Relative Relative Relative Exceedance Exceedance Difference Difference Difference Difference Monthly Temperature Difference (%) Difference (%) Difference (%) Monthly Temperature Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG-F) (DEG.E) (DEG-F) (DEG-F) (%) (DEG-F) ____(%) (DEG-F) (%) 0.0% (DEG-F) 0.0% 71.6 71.6 0.0% 0.0% 74.3 74.0 -0.3 -0.4% 0.0% 76.1 76.0 -0.1 -0.1% 69.0 67.7 -1.9% -1.5% 1.2% 70.8 71.5 0.7 1.0% 1.2% 74.2 73.9 -0.3 -0.4% 1.2% 74.8 75.3 0.5 0.7% 1.2% 67.9 66.9 -1.0 2.5% 70.3 70.5 0.3% 2.5% 74.0 73.3 -0.9% 2.5% 73.6 73.7 0.1% 2.5% 67.3 66.9 -0.4-0.6% 3.7% 3.7% 70.0 70.2 0.2 0.3% 3.7% 73.3 73.3 0.0 0.0% 3.7% 73.4 73.5 0.1 0.1% 66.8 66.5 -0.3 -0.4% 4.9% 69.9 69.8 -0.1 -0.1% 4.9% 73.0 72.6 -0.4 -0.5% 4.9% 73.4 73.3 -0.1 -0.1% 4.9% 66.4 66.4 0.0 0.0% 6.2% 6.2% 6.2% 6.2% 69.8 69.7 -0.1 -0.1% 72.6 72.6 0.0 0.0% 73.2 72.2 -1.0 -1.4% 66.4 66.1 -0.3 -0.5% 7.4% 69.7 0.2 0.3% 7.4% 72.4 0.1% 7.4% 71.9 0.1% 7.4% 66.0 -0.3 0.2% 0.1 8.6% 8.6% 8.6% 8.6% 69.5 69.6 0.1% 72.2 72.2 0.0 0.0% 71.2 71.6 0.6% 65.8 65.5 -0.5% 9.9% 11.1% 12.3% 9.9% 0.4% 0.0% -0.5% 11.1% 12.3% 69.3 69.3 0.0 0.0% 11.1% 71.0 71.4 0.4 0.6% 11.1% 71.0 71.2 0.2 0.3% 65.7 65.4 -0.3 -0.5% 13.6% 13.6% 13.6% -0.4% 13.6% 69 1 693 0.2 0.3% 70.7 70.4 -0 3 70.5 71.1 0.6 0.9% 65.5 65.2 -0.3 -0.5% 16.0% 16.0% 16.0% 16.0% 69.0 69.2 0.2 0.3% 69.8 69.9 0.1 0.1% 70.5 71.0 0.5 0.7% 65.4 64.9 -0.5 -0.8% 18.5% 0.0% 18.5% 0.0% 18.5% 0.7% 18.5% -0.6% 69.0 69.0 0.0 69.6 69.6 0.0 70.3 70.8 0.5 65.3 64.9 -0.4 19.8% 21.0% 69.0 68.9 0.0 0.0% 19.8% 1.0% 19.8% 21.0% 65.2 65.0 -0.3 -0.1 21.0% 0.6 68.8 69.2 69.5 0.3 0.4% 70.1 70.7 64.9 -0.2% 22.2% 23.5% -0.1% -0.1% 22.2% 23.5% 0.4% 22.2% 23.5% 22.2% 23.5% 64 9 0.0 -0.1 0.3 68.7 68.6 69.3 0.2 0.3% 70.1 70.4 0.4% 64.8 64.9 0.2% 69.1 24.7% 25.9% -0.1% 0.0% 24.7% 25.9% 24.7% 25.9% 0.3% 24.7% 25.9% 68.7 69.2 0.1% 0.2 0.3% 68.5 0.0 69.1 0.1 0.1% 69.9 0.2 64.6 64.7 0.2% 68.5 69.2 70.1 27.2% 28.4% 0.1% 27.2% 28.4% 27.2% 28.4% 68.3 27.2% 69.2 69.8 64.5 0.2 68.2 0.1 28.4% 69.1 0.1 0.1% 0.2 0.3% 64.4 0.2 0.3% 68.3 69.2 69.8 70.0 64.6 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 0.2 0.3% 0.0% 0.3 0.3 0.0% 0.4% 0.6% 69.6 32.1% 68.1 0.1 0.1% 32.1% 69.1 69.1 0.0% 32.1% 69.6 69.7 0.1 0.1% 32.1% 64.0 64.4 0.4 0.6% 33.3% 0.0 0.0% 33.3% 69.0 0.0 0.0% 33.3% 69.4 69.6 0.2 0.3% 33.3% 0.8 1.3% 34.6% 68.0 0.1 0.1% 34.6% 69.0 68.9 -0.1% 34.6% 69.4 69.5 0.1 0.1% 34.6% 63.6 64.3 0.7 1.1% 35.8% 0.0% 35.8% 35.8% 0.2 35.8% 0.0% 0.3% 1.1% 37.0% 68.0 0.0 0.0% 37.0% 68.8 68.9 0.1% 37.0% 69.3 69.2 -0.1 -0.1% 37.0% 63.3 63.8 0.5 0.8% 38.3% 67.9 0.1% 38.3% 68.8 38.3% 38.3% 0.4 0.0% 63.3 39.5% 67.8 0.1 0.1% 39.5% 68.7 68.8 0.1% 39.5% 69.0 69.1 0.1 0.1% 39.5% 63.2 63.7 0.5 0.8% 40.7% 67.7 67.8 0.1 0.1% 40.7% 68.7 68.7 0.0% 40.7% 68.9 68.9 0.0 0.0% 40.7% 63.2 63.7 0.5 0.8% 42.0% 67.6 67.6 0.0 0.0% 42.0% 68.6 68.7 0.1% 42.0% 68.7 68.7 0.0 0.0% 42.0% 63.2 63.6 0.4 0.6% 43.2% 67.6 67.6 0.0 0.0% 43.2% 68.6 68.7 0.1 0.1% 43.2% 68.7 68.7 0.0 0.0% 43.2% 63.2 63.5 0.3 0.5% 44.4% 67.5 0.0% 44.4% 68.5 68.7 0.3% 44.4% 68.7 68.6 -0.1 -0.1% 44.4% 63.2 63.2 0.0 0.0% 45.7% 45.7% 45.7% 67.5 67.5 0.0 0.0% 68.5 68.6 0.1 0.1% 68.6 68.5 -0.1 -0.1% 45.7% 62.9 63.2 0.3 0.5% 46.9% 67.4 67.4 0.0% 46.9% 68.5 68.6 0.1% 46.9% 68.5 68.4 -0.1 -0.1% 46.9% 62.9 62.4 -0.5 -0.8% 48.1% 49.4% 67.3 67.4 0.1 0.1% 48.1% 68.4 68.6 0.2 0.3% 48.1% 68.5 68.3 -0.2 -0.3% 48.1% 62.8 62.4 -0.4 -0.6% 67.3 0.1% 49.4% 68.4 68.5 0.1% 49.4% 68.4 68.2 -0.2-0.3% 49.4% 62.8 62.3 -0.5-0.8%50.6% 50.6% 50.6% 50.6% 67.2 67.3 0.1 0.1% 68.3 68.5 0.2 0.3% 68.4 68.2 -0.2 -0.3% 62.7 62.2 -0.5 -0.8% 51.9% 67.1 67.1 0.1 0.1% 51.9% 68.5 0.2 0.3% 68.4 -0.5 -0.6 -0.7% 51.9% 53.1% 62.4 -0.3 -0.5 -0.5% 53.1% 53.1% 53.1% 67.7 67.2 68.3 68.5 0.3% 68.3 -0.9% 62.4 61.9 -0.8% 55.6% 56.8% 55.6% 55.6% 55.6% -0.5 -0.4 67.0 67.2 0.2 0.3% 68.2 68.4 0.2 0.3% 68.2 67.7 -0.5 -0.7% 62.3 61.8 -0.8% 58.0% 0.3% 58.0% 0.6% 58.0% 66.8 67.0 0.2 68.0 68.4 0.4 67.7 67.5 -0.2 -0.3% 58.0% 62.1 61.8 -0.3 -0.5% 60.5% 60.5% 60.5% 66.8 66.9 0.1 0.1% 68.0 68.2 0.2 0.3% 67.7 67.4 -0.3 -0.4% 60.5% 62.0 61.7 -0.3 -0.5% 61.7% 63.0% 63.0% 63.0% 63.0% 0.1 66.4 66.7 0.3 0.5% 67.9 68.1 0.2 0.3% 67.5 67.2 -0.3 -0.4% 61.6 61.7 0.2% 64.2% 65.4% 66.7 66.7 0.4 0.6% 64.2% 65.4% 68.0 67.9 64.2% 65.4% -0.4 -0.3 -0.6% -0.4% 64.2% 65.4% 61.6 61.5 0.2 0.2 66.3 0.1% 67.4 67.1 61.3 0.3% 67.8 66.7% 67.9% 0.2% 66.7% 67.9% 66.7% 67.9% 66.7% 67.9% 66.3 0.1 67.8 0.0% 67.0 -0.3 -0.3 -0.4% 61.5 0.3 66.2 67.7 67.7 67.0 66.3 0.0 0.0% 67.3 -0.4% 61.2 61.4 0.3% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 0.5% 67.6 -0.1% -0.2 -0.3 0.1 66.3 0.5 67.6 65.8 0.8% 67.6 0.0 0.0% 67.2 66.9 -0.4% 61.2 61.3 0.2% 71.6% 65.8 0.4 0.6% 71.6% 67.6 0.0% 71.6% 67.2 66.8 -0.4 -0.5 -0.6% -0.7% 71.6% 61.2 0.2 72.8% 65.8 66.2 72.8% 67.6 67.6 0.0 0.0% 72.8% 67.2 66.7 72.8% 61.0 61.1 0.1 0.2% 0.2% 74.1% 75.3% 74.1% 75.3% 74.1% 74.1% -0.3 -0.2 -0.4% 0.2 75.3% 67.6 0.1% 75.3% 66.9 -0.3% 60.9 0.2% 76.5% 65.5 0.3 0.5% 76.5% 67.3 67.5 0.3% 76.5% 66.8 66.6 -0.2 -0.3% 76.5% 60.8 60.8 0.0 0.0% 77.8% 0.5% 77.8% 67.5 0.3% 77.8% -0.1 -0.1% 77.8% 0.0 0.3 66.7 60.7 60.7 0.0% 79.0% 65.4 65.4 0.0 0.0% 79.0% 67.2 67.4 0.2 0.3% 79.0% 66.6 66.5 -0.1 -0.2% 79.0% 60.7 60.6 -0.1 -0.2% 80.2% 65.3 -0.2% 80.2% 67.3 80.2% -0.1 80.2% 0.0 0.1% 66.5 -0.2% 60.5 0.0% 81.5% 65.1 0.0% 81.5% 67.1 67.2 0.1% 81.5% 66.5 66.5 0.0% 81.5% 60.4 60.4 0.0 0.0% 82.7% 82.7% 65.0 0.0% 82.7% 67.2 0.3% 66.5 0.0 0.0% 82.7% 60.3 60.4 0.1 0.2% 84.0% 65.0 65.0 0.0 0.0% 84.0% 66.9 67.2 0.3 0.4% 84.0% 66.4 66.3 -0.1 -0.2% 84.0% 60.2 60.2 0.0 0.0% 85.2% 64.8 64.8 0.0 0.0% 85.2% 66.9 67.1 0.2 0.3% 85.2% 66.3 66.1 -0.2 -0.3% 85.2% 60.2 60.2 0.0 0.0% 86.4% 0.0% 86.4% 66.8 66.9 0.1% 86.4% 66.3 66.0 -0.3 -0.5% 86.4% 60.2 60.2 0.0 0.0% 87.7% 64.6 64.6 0.0 0.0% 87.7% 66.8 66.9 0.1 0.1% 87.7% 66.2 66.0 -0.2 -0.3% 87.7% 60.0 60.1 0.1 0.2% 88.9% 64.4 64.6 0.2 0.3% 88.9% 66.7 66.8 0.1% 88.9% 66.0 66.0 0.0 0.0% 88.9% 59.8 60.0 0.2 0.3% 90.1% 64.0 64.4 0.4 0.6% 90.1% 66.7 66.7 0.0 0.0% 90.1% 66.0 65.9 -0.1 -0.2% 90.1% 59.7 60.0 0.3 0.5% 91.4% 64.2 0.6 0.9% 91.4% 66.5 91.4% 65.9 -0.1 -0.2 -0.2% 91.4% 59.5 59.2 91.4% 92.6% 92.6% 63.4 63.6 0.3% 66.4 66.5 0.1 0.2% 65.9 65.7 -0.3% 92.6% 59 1 59.1 0.0 0.0% 93.8% 0.2 65.7 93.8% 0.0 63.2 63.4 0.3% 93.8% 66.4 66.4 0.0 0.0% 93.8% 65.7 0.0 0.0% 59.0 59.0 0.0% 95.1% 95.1% 95.1% 95.1% 61.9 61.9 0.0 0.0% 66.4 66.4 0.0 0.0% 65.7 65.7 0.0 0.0% 58.8 58.8 0.0 0.0% 96.3% 0.0 0.0% 96.3% 97.5% 66.4 0.0% 96.3% 97.5% 65.6 -0.1 0.0% 96.3% 97.5% 58.7 0.0 0.0% 97.5% 0.0 0.0% 61.0 61.0 0.0 0.0% 66.4 66.3 -0.1 -0.2% 65.5 65.4 -0.2% 58.6 58.6 0.0% -0.2% -0.3% 98.8% 0.0% 100.0% 100.0% 100.0% 100.0% 60.0 60.0 0.0 0.0% 66.3 66.2 -0.2% 65.4 65.2 -0.2 -0.3% 57.8 57.8 0.0 0.0%

Table SQ-17-5a Feather River at the Mouth, Monthly Temperature Long-term Average and Average by Water Year Type

					Mon	hly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	ig-term							
Full Simulation Period ¹												
No Action Alternative	61.3	52.5	46.2	45.8	50.2	54.6	60.7	66.4	71.4	73.2	72.6	68.6
Alternative B	61.3	52.5	46.2	45.8	50.2	54.6	60.7	66.5	71.4	73.3	72.5	68.4
Difference	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	-0.2
Percent Difference ³	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	-0.1%	-0.39
				Water Y	ear Types	!						
Wet (32%)												
No Action Alternative	60.7	52.8	46.6	46.6	50.0	53.4	58.6	64.5	69.7	73.4	72.9	66.7
Alternative B	60.8	52.8	46.5	46.6	50.0	53.3	58.6	64.5	69.6	73.5	73.1	66.0
Difference	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1
Percent Difference	0.2%	0.1%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.2
Above Normal (15%)												
No Action Alternative	60.5	51.4	46.0	46.0	50.2	54.4	60.5	66.4	71.4	72.1	71.0	66.8
Alternative B	60.5	51.5	45.9	46.0	50.1	54.4	60.5	66.4	71.3	72.1	71.1	66.0
Difference	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.2
Percent Difference	0.0%	0.0%	-0.3%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.1%	0.0%	-0.2
Below Normal (17%)												
No Action Alternative	61.3	52.5	45.8	45.4	49.7	55.0	60.8	66.6	71.7	72.7	71.9	70.0
Alternative B	61.3	52.5	45.8	45.4	49.7	55.0	60.8	66.6	71.6	72.8	72.0	70.0
Difference	0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Percent Difference	0.1%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.09
Dry (22%)												
No Action Alternative	61.6	52.7	46.3	44.8	50.2	55.4	62.0	67.7	72.9	72.8	72.1	70.2
Alternative B	61.6	52.8	46.2	44.8	50.2	55.4	62.0	67.9	73.1	72.9	71.7	69.9
Difference	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.1	-0.3	-0.3
Percent Difference	0.1%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.2%	0.3%	0.1%	-0.5%	-0.5
Critical (15%)	,	,				,			,	,	,	
No Action Alternative	62.6	52.6	45.7	45.3	51.1	55.8	63.1	68.1	72.3	74.9	74.7	70.3
Alternative B	62.5	52.6	46.0	45.3	51.0	55.8	63.2	68.1	72.5	75.1	74.3	69.9
Difference	-0.1	0.0	0.2	0.0	0.0	0.0	0.1	0.1	0.2	0.1	-0.5	-0.4
Percent Difference	-0.2%	-0.1%	0.5%	0.0%	-0.1%	0.0%	0.1%	0.1%	0.3%	0.2%	-0.6%	-0.6



Figure SQ-17-5b
Feather River at the Mouth, Monthly Temperature
Probability of Exceedance

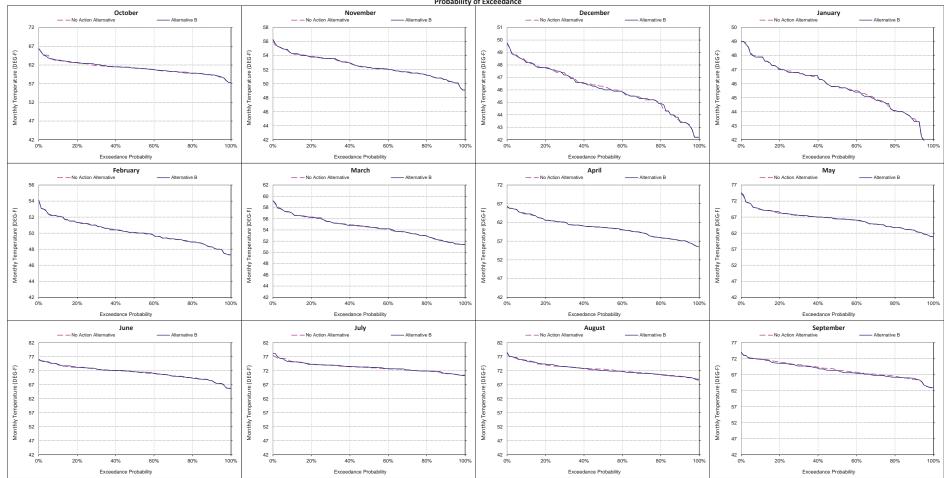


Table SQ-17-5b

Feather River at the Mouth, Monthly Temperature

Probability of Exceedance

December

January

November

October

Percent																			
Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)				(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	66.4	66.4	0.0	0.0%	0.0%	56.1	56.3	0.2	0.4%	0.0%	49.8	49.7	-0.1	-0.2%	0.0%	49.0	49.0	0.0	0.0%
1.2%	65.5	65.5	0.0	0.0%	1.2%	55.5	55.7	0.2	0.4%	1.2%	49.4	49.4	0.0	0.0%	1.2%	49.0	49.0	0.0	0.0%
2.5%	64.8	64.6	-0.2	-0.3%	2.5%	55.3	55.3	0.0	0.0%	2.5%	48.9	48.9	0.0	0.0%	2.5%	48.9	48.8	-0.1	-0.2%
3.7%	64.6	64.4	-0.2	-0.3%	3.7%	55.2	55.2	0.0	0.0%	3.7%	48.9	48.8	-0.1	-0.2%	3.7%	48.6	48.6	0.0	0.0%
4.9%	64.6	63.9	-0.7	-1.1%	4.9%	55.0	55.0	0.0	0.0%	4.9%	48.7	48.8	0.1	0.2%	4.9%	48.2	48.1	-0.1	-0.2%
6.2%	63.6	63.7	0.1	0.2%	6.2%	54.8	54.9	0.1	0.2%	6.2%	48.6	48.6	0.0	0.0%	6.2%	48.0	48.0	0.0	0.0%
7.4%	63.5	63.6	0.1	0.2%	7.4%	54.8	54.9	0.1	0.2%	7.4%	48.5	48.5	0.0	0.0%	7.4%	48.0	47.9	-0.1	-0.2%
8.6%	63.2	63.4	0.2	0.3%	8.6%	54.5	54.5	0.0	0.0%	8.6%	48.5	48.4	-0.1	-0.2%	8.6%	47.9	47.9	0.0	0.0%
9.9%	63.2	63.3	0.1	0.2%	9.9%	54.3	54.3	0.0	0.0%	9.9%	48.3	48.2	-0.1	-0.2%	9.9%	47.9	47.9	0.0	0.0%
11.1%	63.1	63.3	0.2	0.3%	11.1%	54.2	54.3	0.1	0.2%	11.1%	48.2	48.2	0.0	0.0%	11.1%	47.9	47.9	0.0	0.0%
12.3%	63.1	63.1	0.0	0.0%	12.3%	54.2	54.3	0.1	0.2%	12.3%	48.1	48.2	0.1	0.2%	12.3%	47.6	47.6	0.0	0.0%
13.6%	63.0	63.1	0.1	0.2%	13.6%	54.2	54.2	0.0	0.0%	13.6%	48.1	48.1	0.0	0.0%	13.6%	47.6	47.6	0.0	0.0%
14.8%	62.9	62.9	0.0	0.0%	14.8%	54.1	54.0	-0.1	-0.2%	14.8%	48.0	47.9	-0.1	-0.2%	14.8%	47.4	47.5	0.1	0.2%
16.0%	62.7	62.9	0.2	0.3%	16.0%	54.1	54.0	-0.1	-0.2%	16.0%	47.9	47.8	-0.1	-0.2%	16.0%	47.3	47.3	0.0	0.0%
17.3%	62.7	62.7	0.0	0.0%	17.3%	54.0	54.0	0.0	0.0%	17.3%	47.8	47.8	0.0	0.0%	17.3%	47.3	47.3	0.0	0.0%
18.5%	62.7	62.6	-0.1	-0.2%	18.5%	53.9	53.9	0.0	0.0%	18.5%	47.8	47.8	0.0	0.0%	18.5%	47.2	47.2	0.0	0.0%
19.8%	62.7	62.6	-0.1	-0.2%	19.8%	53.9	53.8	-0.1	-0.2%	19.8%	47.8	47.8	0.0	0.0%	19.8%	47.1	47.0	-0.1	-0.2%
21.0%	62.6	62.5	-0.1	-0.2%	21.0%	53.9	53.8	-0.1	-0.2%	21.0%	47.8	47.7	-0.1	-0.2%	21.0%	47.0	47.0	0.0	0.0%
22.2%	62.5	62.5	0.0	0.0%	22.2%	53.8	53.8	0.0	0.0%	22.2%	47.7	47.7	0.0	0.0%	22.2%	47.0	47.0	0.0	0.0%
23.5%	62.4	62.4	0.0	0.0%	23.5%	53.7	53.8	0.1	0.2%	23.5%	47.6	47.6	0.0	0.0%	23.5%	46.9	46.9	0.0	0.0%
24.7%	62.3	62.4	0.1	0.2%	24.7%	53.7	53.7	0.0	0.0%	24.7%	47.5	47.6	0.1	0.2%	24.7%	46.9	46.8	-0.1	-0.2%
25.9%	62.3	62.4	0.1	0.2%	25.9%	53.7	53.6	-0.1	-0.2%	25.9%	47.4	47.5	0.1	0.2%	25.9%	46.9	46.8	-0.1	-0.2%
27.2%	62.1	62.4	0.3	0.5%	27.2%	53.6	53.6	0.0	0.0%	27.2%	47.4	47.5	0.1	0.2%	27.2%	46.8	46.8	0.0	0.0%
28.4%	61.9	62.3	0.4	0.6%	28.4%	53.6	53.6	0.0	0.0%	28.4%	47.4	47.4	0.0	0.0%	28.4%	46.8	46.8	0.0	0.0%
29.6%	61.8	62.1	0.3	0.5%	29.6%	53.6	53.6	0.0	0.0%	29.6%	47.4	47.2	-0.2	-0.4%	29.6%	46.8	46.8	0.0	0.0%
30.9%	61.8	62.1	0.3	0.5%	30.9%	53.5	53.6	0.1	0.2%	30.9%	47.2	47.2	0.0	0.0%	30.9%	46.8	46.7	-0.1	-0.2%
32.1%	61.8	62.0	0.2	0.3%	32.1%	53.5	53.6	0.1	0.2%	32.1%	47.1	47.1	0.0	0.0%	32.1%	46.7	46.7	0.0	0.0%
33.3%	61.7	61.9	0.2	0.3%	33.3%	53.3	53.4	0.1	0.2%	33.3%	47.0	46.9	-0.1	-0.2%	33.3%	46.6	46.6	0.0	0.0%
34.6%	61.7	61.9	0.2	0.3%	34.6%	53.2	53.3	0.1	0.2%	34.6%	47.0	46.9	-0.1	-0.2%	34.6%	46.6	46.6	0.0	0.0%
35.8%	61.6	61.6	0.0	0.0%	35.8%	53.1	53.1	0.0	0.0%	35.8%	46.8	46.6	-0.2	-0.4%	35.8%	46.6	46.6	0.0	0.0%
37.0%	61.6	61.6	0.0	0.0%	37.0%	53.1	53.1	0.0	0.0%	37.0%	46.6	46.6	0.0	0.0%	37.0%	46.5	46.6	0.1	0.2%
38.3%	61.6	61.5	-0.1	-0.2%	38.3%	53.0	53.1	0.1	0.2%	38.3%	46.6	46.6	0.0	0.0%	38.3%	46.5	46.6	0.1	0.2%
39.5%	61.5	61.5	0.0	0.0%	39.5%	53.0	53.0	0.0	0.0%	39.5%	46.5	46.6	0.1	0.2%	39.5%	46.5	46.6	0.1	0.2%
40.7%	61.5	61.5	0.0	0.0%	40.7%	52.8	52.9	0.1	0.2%	40.7%	46.5	46.5	0.0	0.0%	40.7%	46.3	46.3	0.0	0.0%
42.0%	61.5	61.5	0.0	0.0%	42.0%	52.7	52.7	0.0	0.0%	42.0%	46.5	46.4	-0.1	-0.2%	42.0%	46.3	46.3	0.0	0.0%
43.2%	61.4	61.4	0.0	0.0%	43.2%	52.6	52.6	0.0	0.0%	43.2%	46.5	46.4	-0.1	-0.2%	43.2%	46.2	46.2	0.0	0.0%
44.4%	61.4	61.4	0.0	0.0%	44.4%	52.5	52.5	0.0	0.0%	44.4%	46.4	46.3	-0.1	-0.2%	44.4%	46.0	46.0	0.0	0.0%
45.7%	61.4	61.4	0.0	0.0%	45.7%	52.4	52.5	0.1	0.2%	45.7%	46.4	46.3	-0.1	-0.2%	45.7%	45.9	45.9	0.0	0.0%
46.9%	61.4	61.4	0.0	0.0%	46.9%	52.4	52.4	0.0	0.0%	46.9%	46.4	46.2	-0.2	-0.4%	46.9%	45.8	45.8	0.0	0.0%
48.1%	61.3	61.2	-0.1	-0.2%	48.1%	52.4	52.4	0.0	0.0%	48.1%	46.3	46.1	-0.2	-0.4%	48.1%	45.8	45.8	0.0	0.0%
49.4%	61.2	61.2	0.0	0.0%	49.4%	52.3	52.3	0.0	0.0%	49.4%	46.3	46.1	-0.2	-0.4%	49.4%	45.8	45.8	0.0	0.0%
50.6%	61.2	61.1	-0.1	-0.2%	50.6%	52.3	52.3	0.0	0.0%	50.6%	46.2	46.0	-0.2	-0.4%	50.6%	45.7	45.8	0.1	0.2%
51.9%	61.1	61.1	0.0	0.0%	51.9%	52.2	52.2	0.0	0.0%	51.9%	46.2	46.0	-0.2	-0.4%	51.9%	45.7	45.7	0.0	0.0%
53.1%	61.0	61.1	0.1	0.2%	53.1%	52.2	52.2	0.0	0.0%	53.1%	46.1	46.0	-0.1	-0.2%	53.1%	45.7	45.7	0.0	0.0%
54.3%	61.0	61.0	0.0	0.0%	54.3%	52.1	52.2	0.1	0.2%	54.3%	46.0	46.0	0.0	0.0%	54.3%	45.7	45.7	0.0	0.0%
55.6%	61.0	61.0	0.0	0.0%	55.6%	52.1	52.2	0.1	0.2%	55.6%	46.0	45.9	-0.1	-0.2%	55.6%	45.6	45.6	0.0	0.0%
56.8%	60.9	60.9	0.0	0.0%	56.8%	52.1	52.2	0.1	0.2%	56.8%	46.0	45.9	-0.1	-0.2%	56.8%	45.6	45.5	-0.1	-0.2%
58.0%	60.9	60.8	-0.1	-0.2%	58.0%	52.1	52.1	0.0	0.0%	58.0%	45.9	45.9	0.0	0.0%	58.0%	45.5	45.5	0.0	0.0%
59.3%	60.8	60.8	0.0	0.0%	59.3%	52.1	52.1	0.0	0.0%	59.3%	45.9	45.9	0.0	0.0%	59.3%	45.5	45.4	-0.1	-0.2%
60.5%	60.7	60.7	0.0	0.0%	60.5%	52.0	52.0	0.0	0.0%	60.5%	45.8	45.8	0.0	0.0%	60.5%	45.5	45.4	-0.1	-0.2%
61.7%	60.5	60.6	0.1	0.2%	61.7%	52.0	52.0	0.0	0.0%	61.7%	45.7	45.6	-0.1	-0.2%	61.7%	45.4	45.4	0.0	0.0%
63.0%	60.5	60.6	0.1	0.2%	63.0%	51.9	51.9	0.0	0.0%	63.0%	45.6	45.6	0.0	0.0%	63.0%	45.3	45.2	-0.1	-0.2%
64.2%	60.4	60.5	0.1	0.2%	64.2%	51.8	51.8	0.0	0.0%	64.2%	45.5	45.5	0.0	0.0%	64.2%	45.3	45.1	-0.2	-0.4%
65.4%	60.4	60.5	0.1	0.2%	65.4%	51.8	51.8	0.0	0.0%	65.4%	45.5	45.5	0.0	0.0%	65.4%	45.2	45.1	-0.1	-0.2%
66.7%	60.4	60.4	0.0	0.0%	66.7%	51.7	51.7	0.0	0.0%	66.7%	45.5	45.5	0.0	0.0%	66.7%	45.1	45.1	0.0	0.0%
67.9%	60.3	60.3	0.0	0.0%	67.9%	51.7	51.7	0.0	0.0%	67.9%	45.5	45.4	-0.1	-0.2%	67.9%	45.1	45.0	-0.1	-0.2%
69.1%	60.2	60.3	0.1	0.2%	69.1%	51.7	51.7	0.0	0.0%	69.1%	45.4	45.3	-0.1	-0.2%	69.1%	45.0	44.9	-0.1	-0.2%
70.4%	60.2	60.2	0.0	0.0%	70.4%	51.7	51.6	-0.1	-0.2%	70.4%	45.3	45.3	0.0	0.0%	70.4%	44.9	44.8	-0.1	-0.2%
71.6%	60.2	60.2	0.0	0.0%	71.6%	51.6	51.5	-0.1	-0.2%	71.6%	45.2	45.3	0.1	0.2%	71.6%	44.8	44.8	0.0	0.0%
72.8%	60.1	60.1	0.0	0.0%	72.8%	51.5	51.5	0.0	0.0%	72.8%	45.2	45.3	0.1	0.2%	72.8%	44.8	44.7	-0.1	-0.2%
74.1%	59.9	60.1	0.2	0.3%	74.1%	51.5	51.5	0.0	0.0%	74.1%	45.2	45.2	0.0	0.0%	74.1%	44.7	44.7	0.0	0.0%
75.3%	59.9	60.1	0.2	0.3%	75.3%	51.5	51.5	0.0	0.0%	75.3%	45.2	45.2	0.0	0.0%	75.3%	44.6	44.6	0.0	0.0%
76.5%	59.8	60.1	0.3	0.5%	76.5%	51.4	51.4	0.0	0.0%	76.5%	45.2	45.2	0.0	0.0%	76.5%	44.4	44.6	0.2	0.5%
77.8%	59.8	59.9	0.1	0.2%	77.8%	51.4	51.4	0.0	0.0%	77.8%	45.1	45.1	0.0	0.0%	77.8%	44.2	44.2	0.0	0.0%
79.0%	59.8	59.8	0.0	0.0%	79.0%	51.3	51.3	0.0	0.0%	79.0%	45.0	44.9	-0.1	-0.2%	79.0%	44.1	44.1	0.0	0.0%
80.2%	59.8	59.8	0.0	0.0%	80.2%	51.2	51.2	0.0	0.0%	80.2%	44.8	44.9	0.1	0.2%	80.2%	44.0	44.1	0.1	0.2%
81.5%	59.8	59.8	0.0	0.0%	81.5%	51.2	51.2	0.0	0.0%	81.5%	44.4	44.8	0.4	0.9%	81.5%	44.0	44.0	0.0	0.0%
82.7%	59.8	59.8	0.0	0.0%	82.7%	51.0	51.0	0.0	0.0%	82.7%	44.3	44.3	0.0	0.0%	82.7%	44.0	44.0	0.0	0.0%
84.0%	59.7	59.7	0.0	0.0%	84.0%	50.9	50.9	0.0	0.0%	84.0%	44.3	44.3	0.0	0.0%	84.0%	44.0	44.0	0.0	0.0%
85.2%	59.7	59.6	-0.1	-0.2%	85.2%	50.8	50.8	0.0	0.0%	85.2%	44.0	44.0	0.0	0.0%	85.2%	43.9	43.9	0.0	0.0%
86.4%	59.5	59.5	0.0	0.0%	86.4%	50.8	50.8	0.0	0.0%	86.4%	44.0	44.0	0.0	0.0%	86.4%	43.8	43.8	0.0	0.0%
87.7%	59.4	59.4	0.0	0.0%	87.7%	50.8	50.8	0.0	0.0%	87.7%	43.9	43.8	-0.1	-0.2%	87.7%	43.7	43.7	0.0	0.0%
88.9%	59.4	59.4	0.0	0.0%	88.9%	50.6	50.6	0.0	0.0%	88.9%	43.6	43.8	0.1	0.5%	88.9%	43.5	43.5	0.0	0.0%
90.1%	59.3	59.3	0.0	0.0%	90.1%	50.5	50.6	0.0	0.2%	90.1%	43.5	43.4	-0.1	-0.2%	90.1%	43.5	43.3	-0.2	-0.5%
91.4%	59.3	59.3	0.0	0.0%	91.4%	50.4	50.3	-0.1	-0.2%	91.4%	43.4	43.4	0.0	0.0%	91.4%	43.3	43.3	0.0	0.0%
92.6%	59.1	59.1	0.0	0.0%	92.6%	50.3	50.3	0.0	0.0%	92.6%	43.4	43.4	0.0	0.0%	92.6%	43.3	43.3	0.0	0.0%
93.8%	58.8	59.0	0.0	0.3%	93.8%	50.2	50.2	0.0	0.0%	93.8%	43.3	43.3	0.0	0.0%	93.8%	42.2	42.2	0.0	0.0%
95.1%	58.6	58.8	0.2	0.3%	95.1%	50.2	50.2	0.0	0.0%	95.1%	43.2	43.1	-0.1	-0.2%	95.1%	41.9	42.2	0.0	0.0%
96.3%	58.5	58.5	0.2	0.0%	96.3%	50.1	50.1	0.0	0.0%	96.3%	42.8	42.8	0.0	0.0%	96.3%	41.9	41.6	0.0	0.2%
97.5%	57.8	58.5 57.8	0.0	0.0%	97.5%	49.4	49.4	0.0	0.0%	97.5%	42.0	42.0	0.0	0.0%	97.5%	41.0	41.0	0.0	0.0%
98.8%	57.3	57.3	0.0	0.0%	98.8%	49.4	49.1	0.0	0.0%	98.8%	42.2	42.2	0.0	0.0%	98.8%	41.0	41.0	0.0	0.0%
100.0%	57.3	57.3	0.0	0.0%	100.0%	49.1	49.1	0.0	0.0%	100.0%	42.2	42.2	0.0	0.0%	100.0%	41.0	41.0	0.0	0.0%
100.076	JI.3	31.3	0.0	0.070	100.078	TJ. 1	T√.1	0.0	0.070	100.0 /6	74.4	74.4	0.0	0.070	100.0%	71.0	71.0	0.0	0.070

Table SQ-17-5b

Feather River at the Mouth, Monthly Temperature

Probability of Exceedance

March

February

Percent		rebluary			Percent		warcn			Percent		Aprii			Percent		iviay		
Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)	,	(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	54.1	54.1	0.0	0.0%	0.0%	59.2	59.2	0.0	0.0%	0.0%	66.1	66.3	0.2	0.3%	0.0%	74.4	74.6	0.2	0.3%
1.2%	53.1	53.1	0.0	0.0%	1.2%	58.8	58.7	-0.1	-0.2%	1.2%	65.8	65.8	0.0	0.0%	1.2%	73.5	73.9	0.4	0.5%
2.5%	53.0	53.0	0.0	0.0%	2.5%	58.1	57.9	-0.2	-0.3%	2.5%	65.8	65.8	0.0	0.0%	2.5%	71.7	71.7	0.0	0.0%
3.7%	52.9	52.8	-0.1	-0.2%	3.7%	57.9	57.8	-0.1	-0.2%	3.7%	65.6	65.6	0.0	0.0%	3.7%	71.4	71.5	0.1	0.1%
4.9%	52.4	52.4	0.0	0.0%	4.9%	57.6	57.6	0.0	0.0%	4.9%	65.5	65.5	0.0	0.0%	4.9%	71.2	71.2	0.0	0.0%
6.2%	52.3	52.2	-0.1	-0.2%	6.2%	57.3	57.3	0.0	0.0%	6.2%	64.8	64.8	0.0	0.0%	6.2%	70.1	70.1	0.0	0.0%
7.4%	52.2	52.2	0.0	0.0%	7.4%	57.2	57.3	0.1	0.2%	7.4%	64.6	64.6	0.0	0.0%	7.4%	69.9	69.9	0.0	0.0%
8.6%	52.2	52.2	0.0	0.0%	8.6%	57.2	57.2	0.0	0.0%	8.6%	64.3	64.6	0.3	0.5%	8.6%	69.5	69.8	0.3	0.4%
9.9%	52.1	52.1	0.0	0.0%	9.9%	57.1	57.0	-0.1	-0.2%	9.9%	64.3	64.3	0.0	0.0%	9.9%	69.4	69.5	0.1	0.1%
11.1%	52.1	52.1	0.0	0.0%	11.1%	56.6	56.6	0.0	0.0%	11.1%	64.3	64.3	0.0	0.0%	11.1%	69.2	69.2	0.0	0.0%
12.3%	52.1	52.0	-0.1	-0.2%	12.3%	56.6	56.6	0.0	0.0%	12.3%	64.0	64.3	0.3	0.5%	12.3%	69.1	69.1	0.0	0.0%
13.6%	51.7	51.7	0.0	0.0%	13.6%	56.6	56.6	0.0	0.0%	13.6%	63.9	64.0	0.1	0.2%	13.6%	69.1	69.1	0.0	0.0%
14.8%	51.6	51.7	0.1	0.2%	14.8%	56.5	56.5	0.0	0.0%	14.8%	63.8	63.8	0.0	0.0%	14.8%	69.0	69.1	0.1	0.1%
16.0%	51.5	51.5	0.0	0.0%	16.0%	56.4	56.5	0.1	0.2%	16.0%	63.3	63.3	0.0	0.0%	16.0%	68.9	68.9	0.0	0.0%
17.3%	51.5	51.5	0.0	0.0%	17.3%	56.3	56.4	0.1	0.2%	17.3%	63.2	63.2	0.0	0.0%	17.3%	68.6	68.8	0.2	0.3%
18.5%	51.5	51.5	0.0	0.0%	18.5%	56.3	56.3	0.0	0.0%	18.5%	63.1	63.1	0.0	0.0%	18.5%	68.4	68.8	0.4	0.6%
19.8%	51.4	51.3	-0.1	-0.2%	19.8%	56.3	56.2	-0.1	-0.2%	19.8%	62.6	62.6	0.0	0.0%	19.8%	68.2	68.6	0.4	0.6%
21.0%	51.3	51.3	0.0	0.0%	21.0%	56.3	56.2	-0.1	-0.2%	21.0%	62.6	62.6	0.0	0.0%	21.0%	68.2	68.2	0.0	0.0%
22.2%	51.3	51.2	-0.1	-0.2%	22.2%	56.2	56.2	0.0	0.0%	22.2%	62.5	62.5	0.0	0.0%	22.2%	68.1	68.1	0.0	0.0%
23.5%	51.2	51.2	0.0	0.0%	23.5%	56.2	56.0	-0.2	-0.4%	23.5%	62.4	62.4	0.0	0.0%	23.5%	68.1	68.1	0.0	0.0%
24.7%	51.2	51.2	0.0	0.0%	24.7%	56.2	56.0	-0.2	-0.4%	24.7%	62.4	62.4	0.0	0.0%	24.7%	67.9	68.0	0.1	0.1%
25.9%	51.2	51.1	-0.1	-0.2%	25.9%	56.0	55.9	-0.1	-0.2%	25.9%	62.2	62.2	0.0	0.0%	25.9%	67.7	67.9	0.2	0.3%
27.2%	51.0	51.0	0.0	0.0%	27.2%	55.7	55.6	-0.1	-0.2%	27.2%	62.1	62.2	0.1	0.2%	27.2%	67.7	67.7	0.0	0.0%
28.4%	51.0	51.0	0.0	0.0%	28.4%	55.5	55.5	0.0	0.0%	28.4%	62.1	62.1	0.0	0.0%	28.4%	67.5	67.7	0.2	0.3%
29.6%	51.0	51.0	0.0	0.0%	29.6%	55.5	55.5	0.0	0.0%	29.6%	62.1	62.1	0.0	0.0%	29.6%	67.5	67.6	0.1	0.1%
30.9% 32.1%	50.8 50.8	50.8 50.8	0.0	0.0%	30.9% 32.1%	55.3 55.2	55.3 55.2	0.0	0.0%	30.9% 32.1%	61.9 61.4	61.9 61.4	0.0	0.0%	30.9% 32.1%	67.5 67.4	67.5 67.5	0.0 0.1	0.0%
33.3% 34.6%	50.7 50.6	50.7 50.6	0.0	0.0%	33.3% 34.6%	55.2 55.2	55.2 55.1	0.0 -0.1	0.0% -0.2%	33.3% 34.6%	61.4 61.3	61.4 61.3	0.0	0.0%	33.3% 34.6%	67.4 67.2	67.5 67.4	0.1 0.2	0.1%
34.6%	50.6	50.6	0.0	0.0%	34.6% 35.8%	55.2 55.1	55.1 55.1	-0.1	-0.2% 0.0%	35.8%	61.3	61.3	0.0	0.0%	34.6% 35.8%	67.2	67.2	0.2	0.3%
37.0%	50.4	50.5	0.0	0.0%	37.0%	55.1	55.0	-0.1	-0.2%	37.0%	61.3	61.3	0.0	0.0%	37.0%	67.2	67.2	0.0	0.0%
38.3%	50.4	50.5	0.1	0.2%	38.3%	55.0	54.9	-0.1	-0.2%	38.3%	61.2	61.2	0.0	0.0%	38.3%	67.1	67.1	0.0	0.0%
39.5%	50.4	50.4	0.0	0.0%	39.5%	55.0	54.8	-0.1	-0.4%	39.5%	61.1	61.1	0.0	0.0%	39.5%	67.0	67.0	0.0	0.0%
40.7%	50.4	50.4	0.0	0.0%	40.7%	54.9	54.8	-0.2	-0.4%	40.7%	61.0	61.0	0.0	0.0%	40.7%	67.0	67.0	0.0	0.0%
42.0%	50.4	50.3	-0.1	-0.2%	42.0%	54.9	54.8	-0.1	-0.2%	42.0%	60.9	60.9	0.0	0.0%	42.0%	67.0	67.0	0.0	0.0%
43.2%	50.3	50.3	0.0	0.0%	43.2%	54.7	54.8	0.1	0.2%	43.2%	60.9	60.9	0.0	0.0%	43.2%	66.9	66.9	0.0	0.0%
44.4%	50.2	50.2	0.0	0.0%	44.4%	54.7	54.8	0.1	0.2%	44.4%	60.9	60.9	0.0	0.0%	44.4%	66.9	66.9	0.0	0.0%
45.7%	50.2	50.2	0.0	0.0%	45.7%	54.7	54.7	0.0	0.0%	45.7%	60.8	60.8	0.0	0.0%	45.7%	66.8	66.8	0.0	0.0%
46.9%	50.1	50.1	0.0	0.0%	46.9%	54.6	54.7	0.1	0.2%	46.9%	60.8	60.8	0.0	0.0%	46.9%	66.6	66.8	0.2	0.3%
48.1%	50.1	50.1	0.0	0.0%	48.1%	54.6	54.6	0.0	0.0%	48.1%	60.8	60.8	0.0	0.0%	48.1%	66.5	66.6	0.1	0.2%
49.4%	50.1	50.1	0.0	0.0%	49.4%	54.5	54.6	0.1	0.2%	49.4%	60.7	60.7	0.0	0.0%	49.4%	66.4	66.5	0.1	0.2%
50.6%	50.1	50.0	-0.1	-0.2%	50.6%	54.5	54.5	0.0	0.0%	50.6%	60.6	60.6	0.0	0.0%	50.6%	66.4	66.4	0.0	0.0%
51.9%	50.0	50.0	0.0	0.0%	51.9%	54.4	54.4	0.0	0.0%	51.9%	60.6	60.6	0.0	0.0%	51.9%	66.4	66.4	0.0	0.0%
53.1%	50.0	50.0	0.0	0.0%	53.1%	54.4	54.4	0.0	0.0%	53.1%	60.5	60.5	0.0	0.0%	53.1%	66.4	66.4	0.0	0.0%
54.3%	50.0	50.0	0.0	0.0%	54.3%	54.3	54.4	0.1	0.2%	54.3%	60.5	60.5	0.0	0.0%	54.3%	66.4	66.3	-0.1	-0.2%
55.6%	50.0	49.9	-0.1	-0.2%	55.6%	54.2	54.2	0.0	0.0%	55.6%	60.4	60.4	0.0	0.0%	55.6%	66.3	66.2	-0.1	-0.2%
56.8%	49.9	49.9	0.0	0.0%	56.8%	54.2	54.2	0.0	0.0%	56.8%	60.3	60.4	0.1	0.2%	56.8%	66.2	66.2	0.0	0.0%
58.0%	49.9	49.9	0.0	0.0%	58.0%	54.2	54.2	0.0	0.0%	58.0%	60.2	60.3	0.1	0.2%	58.0%	66.2	66.1	-0.1	-0.2%
59.3%	49.8	49.8	0.0	0.0%	59.3%	54.2	54.2	0.0	0.0%	59.3%	60.0	60.2	0.2	0.3%	59.3%	66.1	66.1	0.0	0.0%
60.5%	49.6	49.6	0.0	0.0%	60.5%	54.2	54.2	0.0	0.0%	60.5%	60.0	60.0	0.0	0.0%	60.5%	66.0	66.0	0.0	0.0%
61.7%	49.6	49.6	0.0	0.0%	61.7%	53.9	54.1	0.2	0.4%	61.7%	59.9	59.9	0.0	0.0%	61.7%	65.8	66.0	0.2	0.3%
63.0%	49.6	49.6	0.0	0.0%	63.0%	53.8	53.9	0.1	0.2%	63.0%	59.9	59.9	0.0	0.0%	63.0%	65.7	65.7	0.0	0.0%
64.2%	49.4	49.4	0.0	0.0%	64.2%	53.7	53.7	0.0	0.0%	64.2%	59.7	59.8	0.1	0.2%	64.2%	65.6	65.6	0.0	0.0%
65.4%	49.4	49.4	0.0	0.0%	65.4%	53.7	53.7	0.0	0.0%	65.4%	59.5	59.6	0.1	0.2%	65.4%	65.3	65.3	0.0	0.0%
66.7%	49.4	49.4	0.0	0.0%	66.7%	53.7	53.7	0.0	0.0%	66.7%	59.5	59.5	0.0	0.0%	66.7%	64.9	64.9	0.0	0.0%
67.9%	49.3	49.3	0.0	0.0%	67.9%	53.6	53.7	0.1	0.2%	67.9%	59.5	59.5	0.0	0.0%	67.9%	64.9	64.9	0.0	0.0%
69.1%	49.3	49.3	0.0	0.0%	69.1%	53.6	53.6	0.0	0.0%	69.1%	59.3	59.4	0.1	0.2%	69.1%	64.8	64.8	0.0	0.0%
70.4%	49.3	49.3	0.0	0.0%	70.4%	53.5	53.5	0.0	0.0%	70.4%	59.2	59.2	0.0	0.0%	70.4%	64.8	64.8	0.0	0.0%
71.6%	49.2	49.2	0.0	0.0%	71.6%	53.4	53.4	0.0	0.0%	71.6%	59.1	59.1	0.0	0.0%	71.6%	64.7	64.7	0.0	0.0%
72.8%	49.2	49.2	0.0	0.0%	72.8%	53.4	53.3	-0.1	-0.2%	72.8%	58.9	58.9	0.0	0.0%	72.8%	64.6	64.6	0.0	0.0%
74.1%	49.1	49.2	0.1	0.2%	74.1%	53.3	53.3	0.0	0.0%	74.1%	58.4	58.4	0.0	0.0%	74.1%	64.6	64.6	0.0	0.0%
75.3%	49.1	49.1	0.0	0.0%	75.3%	53.2	53.2	0.0	0.0%	75.3%	58.3	58.3	0.0	0.0%	75.3%	64.1	64.1	0.0	0.0%
76.5%	49.1	49.0	-0.1	-0.2%	76.5%	53.0	53.0	0.0	0.0%	76.5%	58.1	58.1	0.0	0.0%	76.5%	64.0	64.0	0.0	0.0%
77.8%	49.0	49.0	0.0	0.0%	77.8%	53.0	53.0	0.0	0.0%	77.8%	58.1	58.1	0.0	0.0%	77.8%	64.0	64.0	0.0	0.0%
79.0%	48.9	48.9	0.0	0.0%	79.0%	53.0	53.0	0.0	0.0%	79.0%	58.0	58.0	0.0	0.0%	79.0%	63.8	63.8	0.0	0.0%
80.2%	48.9	48.9	0.0	0.0%	80.2%	52.9	52.9	0.0	0.0%	80.2%	57.9	57.9	0.0	0.0%	80.2%	63.8	63.8	0.0	0.0%
81.5%	48.9	48.9	0.0	0.0%	81.5%	52.7	52.7	0.0	0.0%	81.5%	57.8	57.8	0.0	0.0%	81.5%	63.7	63.7	0.0	0.0%
82.7% 84.0%	48.8 48.8	48.8 48.8	0.0	0.0%	82.7% 84.0%	52.6 52.5	52.6 52.4	0.0 -0.1	0.0% -0.2%	82.7% 84.0%	57.8 57.7	57.8 57.7	0.0	0.0%	82.7% 84.0%	63.7 63.5	63.7 63.5	0.0	0.0%
		48.8 48.7					52.4 52.3											0.0	
85.2%	48.7		0.0	0.0%	85.2%	52.3 52.2		0.0	0.0%	85.2%	57.6	57.6	0.0	0.0%	85.2%	63.2	63.2	0.0	0.0%
86.4% 87.7%	48.5 48.4	48.6 48.4	0.1	0.2%	86.4% 87.7%	52.2 52.2	52.2 52.1	0.0 -0.1	0.0% -0.2%	86.4% 87.7%	57.5 57.4	57.5 57.4	0.0	0.0%	86.4% 87.7%	63.1 63.1	63.1 63.1	0.0	0.0%
	48.4 48.3	48.4	0.0	0.0%	87.7%	52.2 52.0	52.1	-0.1		87.7%	57.4 57.3		0.0	0.0%		63.0	63.0		0.0%
88.9% 90.1%	48.3 48.3	48.3 48.3	0.0	0.0%	88.9% 90.1%	52.0 52.0	52.0 51.9	-0.1	0.0%	88.9% 90.1%	57.3 57.1	57.3 57.1		0.0%	88.9% 90.1%	63.0 62.9	63.0 62.9	0.0	0.0%
90.1%	48.3 48.1	48.3 48.1	0.0	0.0%	90.1%	52.0 51.8	51.9	-0.1	-0.2%	90.1%	57.1 57.1	57.1 57.1	0.0	0.0%	90.1%	62.4	62.4	0.0	0.0%
91.4%	48.1 48.0	48.1 48.0	0.0	0.0%	91.4%	51.8 51.8	51.8 51.8	0.0	0.0%	91.4%	57.1 57.1	57.1 57.1	0.0	0.0%	91.4%	62.4	62.3	0.0	0.0%
								0.0				57.1 56.8							
93.8% 95.1%	48.0 48.0	48.0 48.0	0.0	0.0%	93.8% 95.1%	51.6 51.5	51.7 51.5	0.1	0.2%	93.8% 95.1%	56.8 56.5	56.8 56.5	0.0	0.0%	93.8% 95.1%	62.1 61.7	62.1 61.7	0.0	0.0%
	48.0 47.5		0.0	0.0%		51.5 51.5	51.5 51.5	0.0			56.5 56.3	56.5 56.3	0.0	0.0%		61.7	61.6		
96.3% 97.5%	47.5 47.4	47.5 47.4	0.0	0.0%	96.3% 97.5%	51.5 51.5	51.5 51.4	-0.1	0.0% -0.2%	96.3% 97.5%	56.3 55.9	55.9	0.0	0.0%	96.3% 97.5%	61.5	61.2	0.0	0.0%
97.5%	47.4 47.3	47.4 47.3	0.0	0.0%	97.5%	51.5 51.4	51.4 51.4	-0.1	-0.2%	97.5%	55.9 55.6	55.9 55.6	0.0	0.0%	97.5%	60.9	60.9	0.0	0.0%
100.0%	47.3	47.3 47.3	0.0	0.0%	100.0%	51.4	51.4	0.0	0.0%	100.0%	55.6	55.6	0.0	0.0%	100.0%	60.9	60.9	0.0	0.0%
100.076	71.3	77.3	0.0	0.070	100.0%	J1.4	J1.#	0.0	0.070	100.0%	JU.U	JJ.U	0.0	0.070	100.0%	00.9	00.9	0.0	0.070

Table SQ-17-5b

Feather River at the Mouth, Monthly Temperature
Probability of Exceedance

September

Percent Percent Percent Percent No Action Alternative Alternative B Absolute Relative Exceedance Relative Relative Relative Exceedance Difference Difference Difference Difference Monthly Temperature Difference (%) Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) 0.0% 76.1 0.4 0.5% 0.0% 78.2 0.8 1.0% 0.0% 78.2 78.5 0.4% 73.9 74.0 -0.1% 1.2% 75.5 75.5 0.0 0.0% 1.2% 77.0 78.1 1.1 1.4% 1.2% 77.0 77.0 0.0 0.0% 1.2% 73.1 73.0 -0.1 2.5% 75.5 75.2 -0.4% 2.5% 76.9 0.7% 2.5% 77.0 77.0 0.0% 2.5% 72.9 73.0 0.1% 3.7% 3.7% 75.1 75.2 0.1 0.1% 3.7% 76.4 76.4 0.0 0.0% 3.7% 76.7 76.7 0.0 0.0% 72.4 72.2 -0.2 -0.3% 4.9% 75.0 75.2 0.2 0.3% 4.9% 76.3 76.3 0.0 0.0% 4.9% 76.3 76.7 0.5% 4.9% 72.2 72.1 -0.1 -0.1% 6.2% 6.2% 6.2% 6.2% 74.6 74.7 0.1 0.1% 76.3 75.7 -0.6 -0.8% 76.0 75.9 -0.1 -0.1% 72.1 72.0 -0.1 -0.1% 7.4% 74.6 0.0% 7.4% 75.3 -1.1% 7.4% 75.9 0.0% 7.4% 0.1 8.6% 74.6 74.1 8.6% 8.6% 8.6 · . 9.9% 11.1% 12.3% 8.6% 74.6 0.0 0.0% 75.5 75.2 -0.3 -0.4% 75.9 75.7 -0.2 -0.3% 71.9 71.9 0.0% 9.9% 0.3% -0.3% 11.1% 12.3% 73.8 73.7 74.0 0.2 0.3% 11.1% 75.1 75.1 0.0 0.0% 11.1% 75.7 75.2 -0.5 -0.7% 71.9 71.8 -0.1 -0.1% 13.6% 13.6% 13.6% 0.0% 73.6 73.7 0.1 0.1% 75.0 75.0 0.0 75.2 75.1 -0.1 -0.1% 71 7 71 4 -0.3 -0.4% 74.4 16.0% 16.0% 16.0% 16.0% 73.4 73.7 0.3 0.4% 74.8 74.7 -0.1 -0.1% 74.4 74.6 0.2 0.3% 71.3 70.8 -0.5 -0.7% 18.5% 0.3% 18.5% 74.2 -0.5% 18.5% 0.1% 18.5% -0.7% 73.2 73.4 0.2 74.6 -0.4 74.3 74.4 0.1 71.1 70.6 -0.5 19.8% 21.0% 73.2 73.2 73.2 73.2 0.0 74.2 74.2 -0.3 -0.1 19.8% 74.1 0.3 19.8% 21.0% 21.0% 0.0% 74.3 -0.1% 73.9 74.2 0.4% 70.8 70.5 -0.3 -0.4% 22.2% 23.5% 73.2 73.2 73.1 73.0 -0.1% -0.3% 22.2% 23.5% 74.2 74.1 22.2% 23.5% 22.2% 23.5% -0.3 -0.1 -0.2 74.1 74.2 0.5 0.0 0.0% 73.7 0.7% 70.6 70.5 -0.1% 24.7% 25.9% 72.9 72.9 0.1% 24.7% 25.9% 24.7% 25.9% 24.7% 25.9% 0.1 74.1 0.0% 73.6 74.0 70.3 -0.2 -0.2 -0.3% 72.9 74.0 74.1 0.1 0.1% 0.2 0.3% 70.4 73.6 73.8 70.2 -0.3% 27.2% 28.4% 0.1% 27.2% 28.4% 72.8 27.2% 74 0 27.2% 73.6 70.2 72.8 72.9 0.1 28.4% 73.9 74.0 0.1 0.1% 28.4% 73.5 0.0 0.0% 70.2 -0.3 -0.4% 73.5 69.9 29.6% 30.9% 0.0% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 72.7 72.4 74.0 73.4 73.4 -0.1% 0.0% 69.7 69.7 -0.4 -0.4 -0.6% -0.6% 73.9 74.0 0.1% 73.4 32.1% 72.3 72.4 0.1 0.1% 32.1% 73.9 73.9 0.0% 32.1% 73.3 73.3 0.0 0.0% 32.1% 69.9 69.7 -0.2 -0.3% 33.3% 72.3 72.2 -0.1% 33.3% 73.9 73.9 0.0% 33.3% 73.2 73.3 0.1 0.1% 33.3% 69.8 69.7 -0.1 -0.1% 34.6% 72.2 0.0 0.0% 34.6% 73.6 73.8 0.2 0.3% 34.6% 73.2 73.1 -0.1 -0.1% 34.6% 69.7 69.5 -0.2 -0.3% 35.8% 0.0% 35.8% 35.8% -0.1% 35.8% -0.1 72.2 73.7 0.1% 73.1 -0.1% 37.0% 72.1 0.0 0.0% 37.0% 73.5 73.6 0.1% 37.0% 72.9 73.0 0.1% 37.0% 69.6 69.4 -0.2-0.3%38.3% 72.1 0.0% 38.3% 73.5 38.3% 38.3% -0.3 0.0% -0.4% 39.5% 72.1 72.1 0.0 0.0% 39.5% 73.4 73.5 0.1% 39.5% 72.8 72.8 0.0 0.0% 39.5% 69.4 69.1 -0.3 -0.4% 40.7% 72.0 0.1 0.1% 40.7% 73.5 0.1% 40.7% 72.8 72.8 0.0 0.0% 40.7% 69.2 68.8 -0.4 -0.6% 42.0% 72.0 72.1 0.1 0.1% 42.0% 73.4 73.4 0.0% 42.0% 72.8 72.6 -0.2-0.3%42.0% 69.1 68.8 -0.3-0.4% 43.2% 71.9 72.1 0.2 0.3% 43.2% 73.3 73.4 0.1 0.1% 43.2% 72.7 72.3 -0.4 -0.6% 43.2% 69.0 68.7 -0.3 -0.4% 44.4% 72.0 0.1 0.1% 44.4% 73.3 73.3 0.0% 44.4% 72.6 72.3 -0.3 -0.4% 44.4% 69.0 68.4 -0.6 -0.9% 45.7% 45.7% 45.7% 71.7 71.9 0.2 0.3% 73.3 73.3 0.0 0.0% 72.6 72.3 -0.3 -0.4% 45.7% 68.9 68.4 -0.5 -0.7% 46.9% 71.7 0.3% 46.9% 73.2 73.3 0.1% 46.9% 72.6 72.3 -0.3 -0.4% 46.9% 68.9 68.3 -0.6 -0.9% 48.1% 49.4% 71.7 71.8 0.1 0.1% 48.1% 73.2 73.3 0.1 0.1% 48.1% 72.6 72.1 -0.5 -0.7% 48.1% 68.8 68.3 -0.5 -0.7% 0.0% 49.4% 73.3 0.3% 49.4% -0.6-0.8% 49.4% 68.4 68.3 -0.150.6% 50.6% 50.6% 50.6% 71.5 71.6 0.1 0.1% 73.0 73.2 0.2 0.3% 72.5 72.0 -0.5 -0.7% 68.3 68.2 -0.1 -0.1% 51.9% 71.5 71.5 0.1% 51.9% 0.2 0.3% 72.3 72.0 71.9 -0.3 -0.4 -0.4% 51.9% 53.1% 68.3 67.9 -0.4-0.6% 53.1% 53.1% 53.1% 71.3 0.2 73.2 73.0 0.3% 72 3 -0.6% 68.3 67.7 -0.6 -0.9% 55.6% 56.8% 55.6% 55.6% 55.6% -0.4 -0.3 71.1 71.4 0.3 0.4% 72.8 73.1 0.3 0.4% 72.2 71.8 -0.4 -0.6% 68.0 67.6 -0.6% 58.0% 0.6% 58.0% 0.1% 58.0% 71.0 71.4 0.4 72.7 72.8 0.1 71.9 71.8 -0.1 -0.1% 58.0% 67.8 67.6 -0.2 -0.3% 60.5% 60.5% 60.5% 70.9 71.1 0.2 0.3% 72.6 72.7 0.1 0.1% 71.7 71.7 0.0 0.0% 60.5% 67.7 67.4 -0.3 -0.4% 61.7% 72.7 67.4 63.0% 63.0% 63.0% 0.1% 63.0% 70.8 70.8 0.0 0.0% 72.6 72.7 0.1 71.6 71.3 -0.3 -0.4% 67.7 67.4 -0.3 -0.4% 64.2% 65.4% 70.7 70.6 70.7 70.6 0.0 64.2% 65.4% 72.6 72.6 64.2% 65.4% 71.6 71.5 -0.3 -0.2 -0.4% -0.3% 64.2% 65.4% 67.2 67.2 0.0 0.0 0.0% 71.3 67.2 0.0% 0.0% 72.6 66.7% 67.9% 70.6 70.3 -0.1% 0.1% 66.7% 67.9% 66.7% 67.9% 66.7% 67.9% 72.5 72.3 72.6 0.1% 71.3 71.1 0.0% 67.2 67.2 0.0 0.0% 0.1 71.3 -0.2 70.4 67.2 72.6 0.3 0.4% -0.3% 66.9 -0.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 0.0% 72.3 -0.2 -0.1 70.0 72.3 -0.3 70.1 -0.1 -0.1% 72.2 0.1 0.1% 71.2 71.1 -0.1% 67.1 -0.4% 66.8 71.6% -0.1% -0.1% 71.6% 72.2 0.1% 71.6% 71 2 71.0 -0.2 -0.1 -0.3% -0.1% 71.6% 67.1 66.7 -0.4 -0.6% 72.8% 70.0 -0.1 72.8% 72.0 72.0 0.0 0.0% 72.8% 71.1 71.0 72.8% 66.9 66.7 -0.2 -0.3% 74.1% 75.3% 74.1% 75.3% -0.1% 0.4% 74.1% 72.0 72.0 74.1% 0.0% -0.2 -0.2 75.3% 0.1% 75.3% 71.0 -0.1 -0.3% 76.5% 0.0 0.0% 76.5% 71.9 0.0% 76.5% 70.8 70.8 0.0% 76.5% 66.7 66.4 -0.3 -0.4% 77.8% 0.1% 77.8% 71.9 77.8% -0.1 -0.1% 77.8% -0.4 71.9 0.0% 70.8 66.7 66.3 -0.6% 79.0% 69.5 69.5 0.0 0.0% 79.0% 71.9 71.9 0.0 0.0% 79.0% 70.7 70.6 -0.1 -0.1% 79.0% 66.6 66.2 -0.4 -0.6% 80.2% -0.1% 80.2% 71.9 80.2% 80.2% -0.3 69.4 0.0% -0.2 -0.3% 66.5 -0.5% 81.5% 69.4 69.2 -0.3% 81.5% 71.8 71.8 0.0% 81.5% 70.5 70.4 -0.1 -0.1% 81.5% 66.4 66.2 -0.2-0.3%82.7% 69.2 -0.3% 82.7% 71.8 0.1% 82.7% -0.2 -0.3% 82.7% 66.1 0.0% 84.0% 69.0 69.0 0.0 0.0% 84.0% 71.7 71.8 0.1% 84.0% 70.3 70.2 -0.1 -0.1% 84.0% 66.0 66.1 0.1 0.2% 85.2% 69.0 68.9 -0.1 -0.1% 85.2% 71.6 71.7 0.1 0.1% 85.2% 70.3 70.1 -0.2 -0.3% 85.2% 66.0 66.0 0.0 0.0% 86.4% -0.1% 86.4% 71.7 0.3% 86.4% 70.3 -0.2-0.3% 86.4% 65.9 66.0 0.1 0.2% 87.7% 68.9 68.8 -0.1 -0.1% 87.7% 71.1 71.5 0.4 0.6% 87.7% 70.1 70.0 -0.1 -0.1% 87.7% 65.6 66.0 0.4 0.6% 88.9% 68.5 68.5 0.0 0.0% 88.9% 71.0 71.1 0.1% 88.9% 70.0 70.0 0.0 0.0% 88.9% 65.5 65.9 0.4 0.6% 90.1% 68.4 68.4 0.0 0.0% 90.1% 70.9 71.1 0.2 0.3% 90.1% 70.0 69.8 -0.2 -0.3% 90.1% 65.5 65.9 0.4 0.6% 91.4% 91.4% 70.9 91.4% 69.9 -0.1 0.0 91.4% 65.5 0.1 91.4% 92.6% 92.6% 67.4 67.4 0.0 0.0% 70.9 70.9 0.0 0.0% 69.8 69.8 0.0% 92.6% 65.2 65.4 0.3% 93.8% 0.0 70.8 0.1% 93.8% 64.9 67.4 67.4 0.0% 93.8% 70.7 93.8% 69.6 69.5 -0.1 -0.1% 64.9 0.0 0.0% 95.1% 95.1% 95.1% 95.1% 67.4 67.4 0.0 0.0% 70.7 70.7 0.0 0.0% 69.6 69.5 -0.1 -0.1% 63.8 63.8 0.0 0.0% 96.3% 66.8 -0.3% 96.3% 0.0% 96.3% 97.5% 69.5 -0.1 -0.2 -0.1% 96.3% 97.5% 63.4 63.4 0.0 0.0% 97.5% 65.8 0.0% 97.5% 70.4 -0.1% 0.0 0.0% 65.8 0.0 70.5 -0.1 69.3 69 1 -0.3% 63.1 63.1 -0.3% -0.4% 98.8% 100.0% 100.0% 100.0% 65.7 65.7 0.0 0.0% 100.0% 70.4 70.2 -0.3% 69.0 68.7 -0.3 -0.4% 63.0 62.9 -0.1 -0.2%

Table SQ-18-5a American River below Nimbus Dam, Monthly Temperature Long-term Average and Average by Water Year Type

					Mon	thly Temp	erature (D	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Loi	ng-term							
Full Simulation Period ¹												
No Action Alternative	59.8	57.3	50.0	46.6	48.5	53.0	57.5	61.8	66.1	67.5	68.2	66.4
Alternative B	59.7	57.4	50.1	46.6	48.4	53.0	57.4	61.8	66.1	67.6	68.0	66.3
Difference	-0.1	0.1	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	-0.2	-0.1
Percent Difference ³	-0.2%	0.1%	0.2%	0.1%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.1%	-0.3%	-0.19
				Water Y	ear Types							
Wet (32%)												
No Action Alternative	58.6	58.0	50.7	46.6	48.0	52.1	55.8	59.8	63.9	67.0	67.3	65.2
Alternative B	58.6	58.1	50.7	46.6	48.0	52.1	55.7	59.8	63.9	67.0	67.1	65.3
Difference	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	0.1
Percent Difference	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.3%	0.19
Above Normal (15%)												
No Action Alternative	58.3	56.8	49.8	46.7	48.2	52.8	57.1	61.1	65.6	66.6	67.8	65.7
Alternative B	58.0	56.9	49.9	46.7	48.2	52.8	57.1	61.1	65.6	66.6	67.8	65.8
Difference	-0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Percent Difference	-0.5%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.1%
Below Normal (17%)												
No Action Alternative	58.1	57.0	50.1	46.2	47.4	52.9	57.5	61.1	65.7	66.3	68.3	66.6
Alternative B	58.1	57.1	50.1	46.2	47.4	53.0	57.5	61.1	65.6	66.7	67.9	66.4
Difference	0.1	0.0	0.0	0.0	-0.1	0.1	0.0	-0.1	-0.1	0.4	-0.4	-0.2
Percent Difference	0.1%	0.1%	0.0%	0.1%	-0.1%	0.3%	0.0%	-0.2%	-0.2%	0.6%	-0.6%	-0.39
Dry (22%)												
No Action Alternative	60.5	57.2	49.7	46.5	48.8	53.3	58.5	63.9	67.9	67.5	68.2	66.8
Alternative B	59.9	57.3	49.9	46.5	48.7	53.4	58.6	63.7	67.8	67.8	68.0	66.8
Difference	-0.6	0.1	0.2	0.0	-0.2	0.1	0.1	-0.2	-0.1	0.3	-0.2	0.0
Percent Difference	-1.0%	0.2%	0.5%	0.1%	-0.4%	0.1%	0.2%	-0.3%	-0.2%	0.4%	-0.2%	0.09
Critical (15%)			•	•			•			•	•	
No Action Alternative	64.8	56.8	48.7	46.9	50.2	54.7	59.6	64.3	68.9	71.1	70.4	68.3
Alternative B	65.1	56.9	48.8	47.0	50.3	54.6	59.4	64.2	69.1	70.9	70.2	67.9
Difference	0.2	0.1	0.1	0.1	0.1	-0.1	-0.2	-0.1	0.2	-0.2	-0.2	-0.4
Percent Difference	0.4%	0.3%	0.2%	0.2%	0.2%	-0.2%	-0.3%	-0.2%	0.3%	-0.3%	-0.4%	-0.69



Figure SQ-18-5b American River below Nimbus Dam, Monthly Temperature Probability of Exceedance

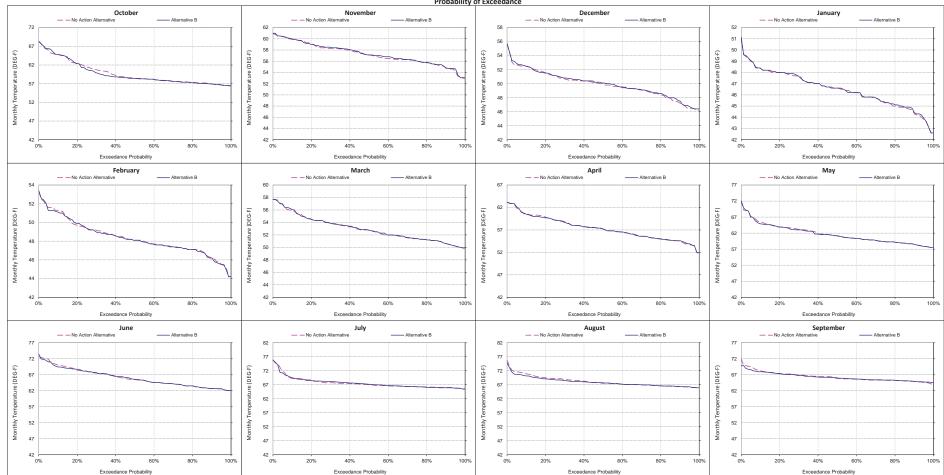


Table SQ-18-5b American River below Nimbus Dam, Monthly Temperature Probability of Exceedance

Octobe Novembe January Percent Percent Percent Percent No Action Alternative Alternative B Absolute Relative Relative Relative Relative Exceedance Exceedance Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG.E) (DEG-F) (DEG-F) (%) (DEG-F) ____(%) (DEG-F) (%) 0.0% (DEG-F) 0.0% 68.4 68.2 -0.2 -0.3% 0.0% 60.9 61.0 0.2% 0.0% 55.7 55.7 0.0% 51.2 51.1 -0.1 -0.2% 1.2% 67.7 67.6 -0.1 -0.1% 1.2% 60.8 61.0 0.2 0.3% 1.2% 54.5 54.5 0.0 0.0% 1.2% 49.6 49.6 0.0 0.0% 2.5% 66.7 67.1 0.6% 2.5% 60.5 60.5 0.0% 2.5% 53.1 53.3 0.4% 2.5% 49.4 49.5 0.2% 3.7% 3.7% 66.3 66.4 0.1 0.2% 3.7% 60.5 60.5 0.0 0.0% 3.7% 52.7 53.2 0.5 0.9% 49.2 493 0.1 0.2% 4.9% 66.0 66.4 0.4 0.6% 4.9% 60.4 60.4 0.0 0.0% 4.9% 52.7 52.9 0.2 0.4% 4.9% 49.1 49.0 -0.1 -0.2% 6.2% 6.2% 6.2% 6.2% 65.2 66.2 1.0 1.5% 60.4 60.3 -0.1 -0.2% 52.6 52.7 0.1 0.2% 48.9 48.9 0.0 0.0% 7.4% 65.1 64.8 0.4 0.6% 7.4% 60.0 60.2 0.2 0.3% 7.4% 52.5 0.4% 7.4% 48.4 48.5 0.1 0.2% 0.2 8.6% 8.6% 8.6% 8.6% 64.9 0.1 0.2% 60.0 60.1 0.2% 52.5 52.6 0.2% 48.4 48.4 0.0% 9.9% 11.1% 12.3% 9.9% 0.0% 0.2% 0.0% 11.1% 12.3% 64.6 64.7 0.1 0.2% 11.1% 59.8 59.9 0.1 0.2% 11.1% 52.4 52.4 0.0 0.0% 48.2 48.2 0.0 0.0% 13.6% 13.6% 13.6% 0.0% 13.6% 0.0% 64.4 64.4 0.0 0.0% 59.7 59.7 0.0 52 1 52.0 -0.1 -0.2% 48.2 48.2 0.0 -0.4% 16.0% 16.0% 16.0% 16.0% 62.9 63.7 0.8 1.3% 59.6 59.3 -0.3 -0.5% 51.9 51.7 -0.2 -0.4% 48.0 48.1 0.1 0.2% 18.5% 0.2% 18.5% -0.2% 18.5% 18.5% 0.0% 62.6 62.7 0.1 59.3 59.2 -0.1 51.7 51.6 -0.1 -0.2% 48.0 48.0 0.0 19.8% 21.0% 62.3 62.2 0.1 59.0 19.8% 21.0% 51.5 51.5 -0.1 0.1 19.8% 21.0% 0.0 -0.1 0.0 21.0% 62.3 0.2% 59.0 59.0 0.0% 51.4 0.2% 48.0 48.0 0.0% 22.2% 23.5% -1.3% -0.8% 22.2% 23.5% 58.8 22.2% 23.5% 22.2% 23.5% 0.0 0.0 61.8 51.2 47.9 61.3 -0.5 58.6 58.8 0.2 0.3% 51.2 0.0% 47.9 0.0% 24.7% 25.9% 61.4 61.4 -1.0% -1.3% 24.7% 25.9% 24.7% 25.9% 0.0% 24.7% 25.9% 58.6 0.2 0.3% 51.2 51.1 47 S 47.9 0.1 -0.8 58.6 0.3% 51.1 0.0 47.8 47.9 0.2% 60.6 58.4 27.2% 28.4% 27.2% 28.4% 27.2% 28.4% 61.1 -1.0% 27.2% 58.4 58.5 0.2% 50.8 51.0 0.2 0.4% 47 7 47 9 0.2 60.9 -0.5 -0.8% 28.4% 58.3 58.5 0.2 0.3% 0.1 0.2% 47.7 47.8 0.1 0.2% 50.8 50.9 29.6% 30.9% -1.5% -1.3% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 60.8 60.6 -0.9 -0.8 0.2% 47.7 0.1 -0.1 0.2% 0.2% 50.8 47.5 50.6 32.1% 60.5 59.5 -1.0 -1.7% 32.1% 58.3 58.4 0.2% 32.1% 50.5 50.7 0.2 0.4% 32.1% 47.3 47.3 0.0 0.0% 33.3% 60.4 -1.0 -1.7% 33.3% 0.2% 33.3% 50.5 0.2 0.4% 33.3% 47.2 -0.1 -0.2% 34.6% 60.3 59.1 -1.2 -2.0% 34.6% 58.2 58.3 0.2% 34.6% 50.5 50.6 0.1 0.2% 34.6% 47.1 47.1 0.0 0.0% 35.8% -1.8% 35.8% 35.8% 0.2% 35.8% 0.0 58.3 0.2% 47.1 47.1 0.0% 37.0% 59.8 59.0 -0.8 -1.3% 37.0% 58.2 0.2% 37.0% 50.4 50.6 0.2 0.4% 37.0% 47.1 47.1 0.0 0.0% 38.3% 59.5 38.3% 58.2 38.3% 38.3% 47.0 47.0 0.0 -1.0% 0.3% 0.2% 39.5% 59.3 58.8 -0.5 -0.8% 39.5% 58.0 58.1 0.2% 39.5% 50.4 50.4 0.0 0.0% 39.5% 47.0 47.0 0.0 0.0% 40.7% 59.1 58.8 -0.3 -0.5% 40.7% 57.9 58.0 0.2% 40.7% 50.4 50.4 0.0 0.0% 40.7% 47.0 47.0 0.0 0.0% 42.0% 58.9 58.7 -0.2-0.3% 42.0% 57.7 57.9 0.3% 42.0% 50.3 50.4 0.1 0.2% 42.0% 46.8 46.8 0.0 0.0% 0.0% 43.2% 58.9 58.6 -0.3 -0.5% 43.2% 57.7 57.8 0.1 0.2% 43.2% 50.3 50.4 0.1 0.2% 43.2% 46.8 46.8 0.0 44.4% 58.8 -0.2 -0.3% 44.4% 57.6 57.8 0.2 0.3% 44.4% 50.2 50.4 0.4% 44.4% 46.7 46.7 0.0 0.0% 45.7% 45.7% 45.7% 58.6 58.6 0.0 0.0% 57.5 57.4 -0.1 -0.2% 50.1 50.2 0.1 0.2% 45.7% 46.7 46.7 0.0 0.0% -0.1 46.9% 58.6 58.4 -0.3% 46.9% 57.4 57.3 -0.2% 46.9% 50.1 50.2 0.2% 46.9% 46.7 46.6 -0.2% 48.1% 49.4% 58.6 58.4 -0.2 -0.3% 48.1% 57.2 57.2 0.0 0.0% 48.1% 50.0 50.2 0.2 0.4% 48.1% 46.6 46.6 0.0 0.0% 0.0% 49.4% 57.1 -0.2% 49.4% 50.0 0.2% 49.4% 46.6 46.6 0.0 0.0% 50.6% 50.6% 50.6% 58.4 58.4 0.0 0.0% 57.1 57.1 0.0 0.0% 49.8 50.1 0.3 0.6% 50.6% 46.6 46.6 0.0 0.0% 51.9% 58.4 58.4 -0.2% -0.2% 51.9% 0.2% 49.8 0.2 0.4% 51.9% 53.1% 46.5 46.6 0.1 0.2% 53.1% 53.1% 53.1% -0.1 0.1 0.0 58.3 56.9 57.0 0.2% 49.8 50.0 0.4% 46.5 46.5 0.0% 55.6% 56.8% 55.6% 55.6% 55.6% -0.2 -0.1 58.3 58.3 0.0 0.0% 56.7 57.0 0.3 0.5% 49.6 49.9 0.3 0.6% 46.4 46.2 -0.4% 58.0% 58.0% 58.0% 58.2 58.2 0.0 0.0% 56.5 56.8 0.3 0.5% 49.6 49.6 0.0 0.0% 58.0% 46.2 46.2 0.0 0.0% 60.5% 60.5% 60.5% 58.1 58.0 -0.1 -0.2% 56.5 56.8 0.3 0.5% 49.5 49.4 -0.1 -0.2% 60.5% 46.2 46.2 0.0 0.0% 61.7% 61.7% 46.2 63.0% 63.0% 57.9 63.0% 63.0% 0.1 57.9 0.0 0.0% 56.4 56.5 0.1 0.2% 49.4 49.3 -0.1 -0.2% 45.8 45.9 0.2% 64.2% 65.4% 57.8 57.8 57.9 57.9 0.1 64.2% 65.4% 56.5 56.5 0.4% 64.2% 65.4% 0.0% 64.2% 65.4% 45.8 45.8 45.8 45.8 0.2 0.0 49.3 0.0 0.0% 0.2% 56.3 49.3 66.7% 67.9% 57.7 57.7 0.2% 66.7% 67.9% 66.7% 67.9% 66.7% 67.9% 56.3 56.5 0.4% 49.2 0.2% 45.8 45.8 0.0 0.0% 0.1 57.8 56.3 0.0 56.3 0.0 0.0% 49.2 49.2 0.0% 45.8 45.8 0.0% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 0.2% 45.7 45.8 0.1 57.6 0.0 56.3 57.6 0.0% 56.3 0.0 0.0% 49.1 49.1 0.0 0.0% 45.7 45.7 0.0% 71.6% 57.5 57.6 0.1 0.2% 0.2% 71.6% 56.2 56.3 0.2% 71.6% 49 1 49 1 0.0% 71.6% 45.6 45.6 0.0 0.0% 72.8% 57.5 57.6 72.8% 56.2 56.2 0.0 0.0% 72.8% 48.9 49.0 0.1 0.2% 72.8% 45.4 45.4 0.0 0.0% -0.2% -0.2% -0.2% 0.0% 74.1% 75.3% 74.1% 75.3% 74.1% 74.1% 0.2% 45.4 0.1 0.2% 75.3% 75.3% 45.3 45.3 76.5% 57.5 -0.2% 76.5% 55.9 55.9 0.0% 76.5% 48.6 48.7 0.2% 76.5% 45.3 45.3 0.0 0.0% 77.8% 57.4 0.0% 77.8% 77.8% 0.2% 77.8% 0.0 0.0% 0.0% 48.6 45.2 79.0% 57.4 -0.1 -0.2% 79.0% 55.8 55.8 0.0 0.0% 79.0% 48.5 48.6 0.2% 79.0% 45.0 45.2 0.2 0.4% 80.2% 57.4 57.2 -0.3% 80.2% 55.8 80.2% 0.2 80.2% 55.7 48.4 48.6 0.4% 45.0 45.1 0.2% 81.5% 57.3 57.2 -0.2% 81.5% 55.7 55.7 0.0% 81.5% 48.3 48.4 0.2% 81.5% 44.9 45.1 0.2 0.4% 82.7% 57.2 57.1 -0.2% 82.7% 55.5 -0.2% 82.7% 48.3 0.6% 82.7% 44.9 45.0 0.1 0.2% 84.0% 57.2 -0.1 -0.2% 84.0% 55.4 55.5 0.2% 84.0% 48.0 48.0 0.0 0.0% 84.0% 44.9 45.0 0.1 0.2% 85.2% 57.2 57.0 -0.2 -0.3% 85.2% 55.4 55.4 0.0 0.0% 85.2% 47.9 48.0 0.1 0.2% 85.2% 44.8 44.9 0.1 0.2% 86.4% 57.2 57.0 -0.3% 86.4% 55.2 55.4 0.4% 86.4% 47.5 48.0 1.1% 86.4% 44.8 44.9 0.1 0.2% 87.7% 57.1 57.0 -0.1 -0.2% 87.7% 55.2 55.4 0.2 0.4% 87.7% 47.5 47 9 0.4 0.8% 87.7% 44.7 44 9 0.2 0.4% 88.9% 57.1 56.9 -0.2 -0.4% 88.9% 55.1 55.1 0.0 0.0% 88.9% 47.4 47.6 0.2 0.4% 88.9% 44.8 0.1 0.2% 90.1% 56.9 56.9 0.0 0.0% 90.1% 54.7 54.8 0.1 0.2% 90.1% 47.2 47.5 0.3 0.6% 90.1% 44.3 44.4 0.1 0.2% 91.4% 91.4% 54.7 54.7 91.4% 47.1 -0.1 0.1 91.4% 44.2 44.3 0.1 91.4% 92.6% 92.6% 56.8 56.8 0.0 0.0% 54.6 0.1 0.2% 46.8 46.9 0.2% 92.6% 44.2 443 0.2% 93.8% -0.1 54.7 93.8% 44.2 56.8 56.7 -0.2% 93.8% 54.6 0.2% 93.8% 46.5 46.9 0.9% 44.0 0.2 0.5% 95.1% 95.1% 95.1% 95.1% 56.7 56.6 -0.1 -0.2% 54.0 54.6 0.6 1.1% 46.5 46.7 0.2 0.4% 43.8 43.9 0.1 0.2% 96.3% 56.5 -0.2% 96.3% 0.4% 96.3% 97.5% 46.5 0.0 0.0% 96.3% 97.5% 43.6 43.6 0.0 0.0% 97.5% 0.0% 97.5% -0.2 -0.4% 0.0 0.0% 56.5 56.5 0.0 53.3 53.1 46.4 46.4 0.0 0.0% 43 1 431 -0.2% 0.4% 98.8% 0.0% 100.0% 100.0% 100.0% 100.0% 56.4 56.5 0.1 0.2% 53.1 53.0 -0.2% 46.2 46.4 0.4% 42.6 42.6 0.0 0.0%

Table SQ-18-5b
American River below Nimbus Dam, Monthly Temperature
Probability of Exceedance

March

February

Percent		rebluary			Percent		March			Percent		Aprii			Percent		iviay		
Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	53.3	53.4	0.1	0.2%	0.0%	57.7	57.7	0.0	0.0%	0.0%	63.2	63.2	0.0	0.0%	0.0%	72.1	72.0	-0.1	-0.1%
1.2%	52.5	52.6	0.1	0.2%	1.2%	57.7	57.7	0.0	0.0%	1.2%	62.9	63.0	0.1	0.2%	1.2%	69.2	69.9	0.7	1.0%
2.5%	52.3	52.4	0.1	0.2%	2.5%	57.6	57.4	-0.2	-0.3%	2.5%	62.9	62.9	0.0	0.0%	2.5%	69.1	69.1	0.0	0.0%
3.7%	51.9	52.1	0.2	0.4%	3.7%	57.1	57.0	-0.1	-0.2%	3.7%	62.7	62.9	0.2	0.3%	3.7%	69.0	68.9	-0.1	-0.1%
4.9%	51.6	51.3	-0.3	-0.6%	4.9%	56.9	57.0	0.1	0.2%	4.9%	61.9	62.2	0.3	0.5%	4.9%	67.2	67.0	-0.2	-0.3%
6.2%	51.6	51.3	-0.3	-0.6%	6.2%	56.4	56.4	0.0	0.0%	6.2%	61.5	61.8	0.3	0.5%	6.2%	67.0	66.9	-0.1	-0.1%
7.4%	51.6	51.3	-0.3	-0.6%	7.4%	56.1	56.4	0.3	0.5%	7.4%	61.1	60.9	-0.2	-0.3%	7.4%	66.4	65.8	-0.6	-0.9%
8.6%	51.3	51.2	-0.1	-0.2%	8.6%	56.0	56.3	0.3	0.5%	8.6%	60.6	60.8	0.2	0.3%	8.6%	65.7	65.2	-0.5	-0.8%
9.9%	51.3	51.1	-0.2	-0.4%	9.9%	55.9	56.1	0.2	0.4%	9.9%	60.6	60.5	-0.1	-0.2%	9.9%	65.4	64.9	-0.5	-0.8%
11.1%	51.2	51.0	-0.2	-0.4%	11.1%	55.8	56.0	0.2	0.4%	11.1%	60.5	60.4	-0.1	-0.2%	11.1%	65.4	64.8	-0.6	-0.9%
12.3%	51.2	51.0	-0.2	-0.4%	12.3%	55.5	55.4	-0.1	-0.2%	12.3%	60.3	60.2	-0.1	-0.2%	12.3%	64.9	64.7	-0.2	-0.3%
13.6%	50.8	50.7	-0.1	-0.2%	13.6%	55.3	55.3	0.0	0.0%	13.6%	60.3	60.0	-0.3	-0.5%	13.6%	64.9	64.6	-0.3	-0.5%
14.8%	50.5	50.6	0.1	0.2%	14.8%	55.3	55.0	-0.3	-0.5%	14.8%	60.3	60.0	-0.3	-0.5%	14.8%	64.7	64.6	-0.1	-0.2%
16.0%	50.3	50.4	0.1	0.2%	16.0%	54.9	55.0	0.1	0.2%	16.0%	60.3	60.0	-0.3	-0.5%	16.0%	64.4	64.5	0.1	0.2%
17.3%	49.9	50.3	0.4	0.8%	17.3%	54.9	54.7	-0.2	-0.4%	17.3%	60.2	59.9	-0.3	-0.5%	17.3%	64.2	64.3	0.1	0.2%
18.5%	49.8	50.0	0.2	0.4%	18.5%	54.6	54.6	0.0	0.0%	18.5%	60.1	59.8	-0.3	-0.5%	18.5%	64.0	64.1	0.1	0.2%
19.8%	49.7	49.9	0.2	0.4%	19.8%	54.6	54.5	-0.1	-0.2%	19.8%	59.9	59.7	-0.2	-0.3%	19.8%	63.9	63.9	0.0	0.0%
21.0%	49.6	49.9	0.3	0.6%	21.0%	54.3	54.4	0.1	0.2%	21.0%	59.7	59.7	0.0	0.0%	21.0%	63.9	63.9	0.0	0.0%
22.2%	49.6	49.7	0.1	0.2%	22.2%	54.3	54.3	0.0	0.0%	22.2%	59.6	59.6	0.0	0.0%	22.2%	63.7	63.8	0.1	0.2%
23.5%	49.5	49.6	0.1	0.2%	23.5%	54.3	54.3	0.0	0.0%	23.5%	59.4	59.4	0.0	0.0%	23.5%	63.7	63.7	0.0	0.0%
24.7%	49.4	49.4	0.0	0.0%	24.7%	54.3	54.3	0.0	0.0%	24.7%	59.2	59.2	0.0	0.0%	24.7%	63.7	63.5	-0.2	-0.3%
25.9%	49.2	49.3	0.1	0.2%	25.9%	54.2	54.3	0.1	0.2%	25.9%	59.2	59.1	-0.1	-0.2%	25.9%	63.6	63.1	-0.5	-0.8%
27.2%	49.2	49.2	0.0	0.0%	27.2%	54.1	54.0	-0.1	-0.2%	27.2%	59.0	59.1	0.1	0.2%	27.2%	63.5	63.1	-0.4	-0.6%
28.4%	49.2	49.2	0.0	0.0%	28.4%	54.0	54.0	0.0	0.0%	28.4%	58.9	59.0	0.1	0.2%	28.4%	63.4	63.0	-0.4	-0.6%
29.6%	49.2	49.0	-0.2	-0.4%	29.6%	54.0	53.9	-0.1	-0.2%	29.6%	58.7	58.9	0.2	0.3%	29.6%	63.2	63.0	-0.2	-0.3%
30.9%	49.1	48.9	-0.2	-0.4%	30.9%	53.8	53.8	0.0	0.0%	30.9%	58.5	58.5	0.0	0.0%	30.9%	63.2	63.0	-0.2	-0.3%
32.1%	49.1	48.9	-0.2	-0.4%	32.1%	53.7	53.8	0.1	0.2%	32.1%	58.5	58.4	-0.1	-0.2%	32.1%	63.1	62.9	-0.2	-0.3%
33.3%	48.9	48.8	-0.1	-0.2%	33.3%	53.7	53.7	0.0	0.0%	33.3%	58.1	58.1	0.0	0.0%	33.3%	63.0	62.7	-0.3	-0.5%
34.6%	48.9	48.8	-0.1	-0.2%	34.6%	53.6	53.6	0.0	0.0%	34.6%	58.0	58.0	0.0	0.0%	34.6%	62.9	62.6	-0.3	-0.5%
35.8%	48.8	48.7	-0.1	-0.2%	35.8%	53.5	53.6	0.1	0.2%	35.8%	58.0	58.0	0.0	0.0%	35.8%	62.6	62.6	0.0	0.0%
37.0%	48.8	48.7	-0.1	-0.2%	37.0%	53.5	53.5	0.0	0.0%	37.0%	58.0	58.0	0.0	0.0%	37.0%	62.6	62.6	0.0	0.0%
38.3%	48.7	48.7	0.0	0.0%	38.3%	53.4	53.5	0.1	0.2%	38.3%	57.9	57.9	0.0	0.0%	38.3%	62.5	61.7	-0.8	-1.3%
39.5%	48.6	48.6	0.0	0.0%	39.5%	53.3	53.4	0.1	0.2%	39.5%	57.9	57.7	-0.2	-0.3%	39.5%	61.8	61.7	-0.1	-0.2%
40.7%	48.5	48.5	0.0	0.0%	40.7%	53.3	53.4	0.1	0.2%	40.7%	57.7	57.7	0.0	0.0%	40.7%	61.7	61.6	-0.1	-0.2%
42.0%	48.5	48.4	-0.1	-0.2%	42.0%	53.2	53.2	0.0	0.0%	42.0%	57.7	57.6	-0.1	-0.2%	42.0%	61.7	61.5	-0.2	-0.3%
43.2%	48.5	48.4	-0.1	-0.2%	43.2%	53.0	53.2	0.2	0.4%	43.2%	57.6	57.5	-0.1	-0.2%	43.2%	61.7	61.5	-0.2	-0.3%
44.4%	48.4	48.3	-0.1	-0.2%	44.4%	52.9	53.0	0.1	0.2%	44.4%	57.6	57.5	-0.1	-0.2%	44.4%	61.6	61.5	-0.1	-0.2%
45.7%	48.3	48.2	-0.1	-0.2%	45.7%	52.8	52.9	0.1	0.2%	45.7%	57.5	57.5	0.0	0.0%	45.7%	61.5	61.5	0.0	0.0%
46.9%	48.2	48.2	0.0	0.0%	46.9%	52.8	52.9	0.1	0.2%	46.9%	57.5	57.4	-0.1	-0.2%	46.9%	61.4	61.4	0.0	0.0%
48.1%	48.2	48.2	0.0	0.0%	48.1%	52.8	52.9	0.1	0.2%	48.1%	57.5	57.4	-0.1	-0.2%	48.1%	61.2	61.3	0.1	0.2%
49.4%	48.1	48.1	0.0	0.0%	49.4%	52.8	52.8	0.0	0.0%	49.4%	57.3	57.3	0.0	0.0%	49.4%	61.2	61.2	0.0	0.0%
50.6%	48.1	48.1	0.0	0.0%	50.6%	52.7	52.7	0.0	0.0%	50.6%	57.1	57.1	0.0	0.0%	50.6%	61.2	61.0	-0.2	-0.3%
51.9%	48.1	48.1	0.0	0.0%	51.9%	52.7	52.6	-0.1	-0.2%	51.9%	57.0	56.8	-0.2	-0.4%	51.9%	60.8	60.9	0.1	0.2%
53.1%	48.1	48.0	-0.1	-0.2%	53.1%	52.5	52.5	0.0	0.0%	53.1%	56.8	56.8	0.0	0.0%	53.1%	60.7	60.8	0.1	0.2%
54.3%	48.0	47.9	-0.1	-0.2%	54.3%	52.5	52.5	0.0	0.0%	54.3%	56.8	56.8	0.0	0.0%	54.3%	60.6	60.6	0.0	0.0%
55.6%	47.9	47.9	0.0	0.0%	55.6%	52.3	52.3	0.0	0.0%	55.6%	56.8	56.8	0.0	0.0%	55.6%	60.6	60.6	0.0	0.0%
56.8%	47.8	47.8	0.0	0.0%	56.8%	52.1	52.3	0.2	0.4%	56.8%	56.7	56.6	-0.1	-0.2%	56.8%	60.5	60.5	0.0	0.0%
58.0%	47.8	47.7	-0.1	-0.2%	58.0%	52.0	52.3	0.3	0.6%	58.0%	56.6	56.6	0.0	0.0%	58.0%	60.4	60.5	0.1	0.2%
59.3%	47.7	47.7	0.0	0.0%	59.3%	52.0	52.0	0.0	0.0%	59.3%	56.5	56.6	0.1	0.2%	59.3%	60.4	60.4	0.0	0.0%
60.5%	47.7	47.6	-0.1	-0.2%	60.5%	52.0	52.0	0.0	0.0%	60.5%	56.5	56.5	0.0	0.0%	60.5%	60.3	60.3	0.0	0.0%
61.7%	47.6	47.6	0.0	0.0%	61.7%	52.0	52.0	0.0	0.0%	61.7%	56.3	56.4	0.1	0.2%	61.7%	60.3	60.3	0.0	0.0%
63.0%	47.6	47.6	0.0	0.0%	63.0%	51.9	52.0	0.1	0.2%	63.0%	56.3	56.3	0.0	0.0%	63.0%	60.1	60.1	0.0	0.0%
64.2%	47.6	47.6	0.0	0.0%	64.2%	51.9	51.9	0.0	0.0%	64.2%	56.1	56.1	0.0	0.0%	64.2%	60.0	60.0	0.0	0.0%
65.4%	47.5	47.5	0.0	0.0%	65.4%	51.8	51.9	0.1	0.2%	65.4%	56.1	56.1	0.0	0.0%	65.4%	60.0	60.0	0.0	0.0%
66.7%	47.5	47.5	0.0	0.0%	66.7%	51.8	51.8	0.0	0.0%	66.7%	56.0	55.8	-0.2	-0.4%	66.7%	59.9	59.9	0.0	0.0%
67.9%	47.5	47.4	-0.1	-0.2%	67.9%	51.7	51.8	0.1	0.2%	67.9%	55.8	55.7	-0.1	-0.2%	67.9%	59.9	59.9	0.0	0.0%
69.1%	47.4	47.4	0.0	0.0%	69.1%	51.6	51.6	0.0	0.0%	69.1%	55.7	55.6	-0.1	-0.2%	69.1%	59.9	59.9	0.0	0.0%
70.4%	47.4	47.4	0.0	0.0%	70.4%	51.5	51.6	0.1	0.2%	70.4%	55.6	55.6	0.0	0.0%	70.4%	59.7	59.7	0.0	0.0%
71.6%	47.4	47.3	-0.1	-0.2%	71.6%	51.5	51.5	0.0	0.0%	71.6%	55.6	55.6	0.0	0.0%	71.6%	59.6	59.5	-0.1	-0.2%
72.8%	47.3	47.3	0.0	0.0%	72.8%	51.4	51.5	0.1	0.2%	72.8%	55.5	55.5	0.0	0.0%	72.8%	59.5	59.5	0.0	0.0%
74.1%	47.3	47.3	0.0	0.0%	74.1%	51.4	51.4	0.0	0.0%	74.1%	55.3	55.3	0.0	0.0%	74.1%	59.4	59.4	0.0	0.0%
75.3%	47.2	47.2	0.0	0.0%	75.3%	51.4	51.4	0.0	0.0%	75.3%	55.3	55.2	-0.1	-0.2%	75.3%	59.3	59.3	0.0	0.0%
76.5%	47.2	47.2	0.0	0.0%	76.5%	51.4	51.3	-0.1	-0.2%	76.5%	55.2	55.2	0.0	0.0%	76.5%	59.3	59.3	0.0	0.0%
77.8%	47.1	47.1	0.0	0.0%	77.8%	51.3	51.3	0.0	0.0%	77.8%	55.1	55.1	0.0	0.0%	77.8%	59.3	59.3	0.0	0.0%
79.0%	47.1	47.1	0.0	0.0%	79.0%	51.3	51.3	0.0	0.0%	79.0%	55.0	55.1	0.1	0.2%	79.0%	59.3	59.3	0.0	0.0%
80.2%	47.1	47.1	0.0	0.0%	80.2%	51.2	51.2	0.0	0.0%	80.2%	54.9	55.0	0.1	0.2%	80.2%	59.1	59.2	0.1	0.2%
81.5%	47.1	47.1	0.0	0.0%	81.5%	51.2	51.2	0.0	0.0%	81.5%	54.9	54.9	0.0	0.0%	81.5%	59.1	59.1	0.0	0.0%
82.7%	47.1	46.9	-0.2	-0.4%	82.7%	51.1	51.1	0.0	0.0%	82.7%	54.8	54.9	0.1	0.2%	82.7%	59.0	59.0	0.0	0.0%
84.0%	47.0	46.9	-0.1	-0.2%	84.0%	51.1	51.1	0.0	0.0%	84.0%	54.7	54.8	0.1	0.2%	84.0%	58.9	58.9	0.0	0.0%
85.2%	46.9	46.8	-0.1	-0.2%	85.2%	51.1	51.1	0.0	0.0%	85.2%	54.7	54.7	0.0	0.0%	85.2%	58.9	58.9	0.0	0.0%
86.4%	46.7	46.7	0.0	0.0%	86.4%	51.0	51.0	0.0	0.0%	86.4%	54.6	54.7	0.1	0.2%	86.4%	58.7	58.7	0.0	0.0%
87.7%	46.4	46.3	-0.1	-0.2%	87.7%	50.9	50.9	0.0	0.0%	87.7%	54.6	54.6	0.0	0.0%	87.7%	58.7	58.7	0.0	0.0%
88.9%	46.3	46.2	-0.1	-0.2%	88.9%	50.7	50.7	0.0	0.0%	88.9%	54.6	54.6	0.0	0.0%	88.9%	58.7	58.7	0.0	0.0%
90.1%	46.2	46.2	0.0	0.0%	90.1%	50.6	50.6	0.0	0.0%	90.1%	54.4	54.6	0.2	0.4%	90.1%	58.5	58.5	0.0	0.0%
91.4%	46.1	45.8	-0.3	-0.7%	91.4%	50.5	50.5	0.0	0.0%	91.4%	54.2	54.4	0.2	0.4%	91.4%	58.3	58.3	0.0	0.0%
92.6%	45.8	45.7	-0.1	-0.2%	92.6%	50.4	50.4	0.0	0.0%	92.6%	53.9	54.2	0.3	0.6%	92.6%	58.2	58.2	0.0	0.0%
93.8%	45.8	45.6	-0.2	-0.4%	93.8%	50.3	50.3	0.0	0.0%	93.8%	53.9	53.9	0.0	0.0%	93.8%	58.0	58.0	0.0	0.0%
95.1%	45.5	45.5	0.0	0.0%	95.1%	50.2	50.2	0.0	0.0%	95.1%	53.7	53.9	0.2	0.4%	95.1%	57.9	57.9	0.0	0.0%
96.3%	45.4	45.5	0.1	0.2%	96.3%	50.1	50.1	0.0	0.0%	96.3%	53.6	53.6	0.0	0.0%	96.3%	57.8	57.8	0.0	0.0%
97.5%	45.2	44.9	-0.3	-0.7%	97.5%	50.0	50.0	0.0	0.0%	97.5%	53.5	53.5	0.0	0.0%	97.5%	57.7	57.7	0.0	0.0%
98.8%	44.2	44.2	0.0	0.0%	98.8%	49.9	49.9	0.0	0.0%	98.8%	51.9	51.9	0.0	0.0%	98.8%	57.5	57.5	0.0	0.0%
100.0%	44.2	44.2	0.0	0.0%	100.0%	49.9	49.9	0.0	0.0%	100.0%	51.9	51.9	0.0	0.0%	100.0%	57.5	57.5	0.0	0.0%

Table SQ-18-5b American River below Nimbus Dam, Monthly Temperature Probability of Exceedance

August

September

Percent Percent Percent Percent No Action Alternative Alternative B Absolute Relative Exceedance Relative Relative Relative Exceedance Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) 0.0% 72.6 73.4 0.8 0.0% 75.9 -0.3% 0.0% 75.7 74.7 -1.3% 69.9 -2.8% 1.2% 72.4 71.9 -0.5 -0.7% 1.2% 74.7 75.0 0.3 0.4% 1.2% 73.6 73.0 -0.6 -0.8% 1.2% 69.9 69.8 -0.1 -0.1% 2.5% 72.1 71.8 -0.4% 2.5% 74.6 74.1 -0.7% 2.5% 71.5 -1.0% 2.5% 69.8 68.9 -0.9 -1.3% 3.7% 3.7% 72.0 71.5 -0.5 -0.7% 3.7% 73.1 71.3 -1.8 -2.5% 3.7% 71.7 70.8 -0.9 -1.3% 69.6 68.7 -0.9 -1.3% 4.9% 71.9 71.0 -0.9 -1.3% 4.9% 71.9 71.2 -0.7 -1.0% 4.9% 71.6 70.7 -0.9 -1.3% 4.9% 69.5 68.6 -0.9 -1.3% 6.2% 6.2% 6.2% 6.2% 70.7 71.0 0.3 0.4% 71.2 70.5 -0.7 -1.0% 71.5 70.6 -0.9 -1.3% 69.1 68.2 -0.9 -1.3% 70.5 70.3 70.0 7.4% -0.4-0.6% 7.4% 0.6% 7.4% 71.3 -0.8 -0.9 -1.1% 7.4% 68.6 68.1 -0.5 -0.5 -0.7% 8.6% 8.6% 8.6% 8.6 · . 9.9% 11.1% 12.3% 8.6% 69.7 -0.6 -0.9% 69.5 69.8 0.3 0.4% 71.2 70.3 -1.3% -1.1% 68.4 67.9 -0.7% 9.9% -0.9% 0.4% -0.6% 11.1% 12.3% 69.9 69.4 -0.5 -0.7% -0.6% 11.1% 69.1 69.3 0.2 0.3% 11.1% 70.7 70.1 -0.6 -0.8% 68.0 67.9 -0.1 -0.1% 13.6% 13.6% 13.6% 0.4% 0.0% 69.6 69 1 -0.5 -0.7% 68.9 69.2 0.3 70.2 69.6 -0.6 -0.9% 67.8 67.8 0.0 16.0% 16.0% 16.0% 16.0% 69.1 69.0 -0.1 -0.1% 68.8 68.9 0.1 0.1% 69.8 69.4 -0.4 -0.6% 67.6 67.7 0.1 0.1% 18.5% 18.5% -0.3% 18.5% 18.5% 0.1 0.1% 68.7 68.8 0.1 0.1% 68.7 68.5 -0.2 69.5 69.1 -0.4 -0.6% 67.3 67.4 19.8% 21.0% 68.4 68.3 0.3 0.4% 68.4 -0.3 0.2 19.8% -0.4 -0.3 19.8% 21.0% 67.3 67.2 67.4 0.1 0.1% 21.0% 68.7 0.6% 68.2 68.4 0.3% 69.3 69.0 -0.4% 67.3 22.2% 23.5% 0.1 -0.1 0.1% 22.2% 23.5% 22.2% 23.5% -0.4 -0.4 -0.6% 22.2% 23.5% -0.1 -0.1 68.9 0.1 67.1 68.2 68.1 68.3 0.1% 69.2 -0.6% 67.2 -0.1% 68.2 68.8 24.7% 25.9% 0.0% 24.7% 25.9% 24.7% 25.9% 24.7% 25.9% 68.1 0.0 68.0 67.8 68.3 0.4% 68.8 -0.4 -0.5 -0.6% 67.2 67.0 -0.2 -0.2 -0.3% 67.9 67.9 0.4 0.6% 68.7 67.2 68.2 69.2 -0.7% 67.0 -0.3% 27.2% 28.4% 0.3% 27.2% 28.4% 27.2% 28.4% 67.9 27.2% 68.2 0.7% 69.1 68.7 -0.4 -0.6% 67.1 67.0 -0.1 -0.1 67.6 67.7 0.1 28.4% 67.7 68.1 0.4 0.6% 69.1 -0.5 -0.7% 67.0 -0.1% 68.6 66.9 29.6% 30.9% 0.3% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 67.5 67.4 0.6% -0.3 -0.4 -0.4% 66.7 66.7 -0.3% -0.3% -0.6% 66.9 0.6% 68.8 32.1% 67.4 -0.1 -0.1% 32.1% 67.6 68.0 0.4 0.6% 32.1% 68.7 68.3 -0.4 -0.6% 32.1% 66.9 66.7 -0.2 -0.3% 33.3% 67.4 -0.1% 33.3% 67.5 0.5 0.7% 33.3% 68.6 68.2 -0.4 -0.6% 33.3% 66.7 66.5 -0.2 -0.3% 34.6% 67.2 0.1 0.1% 34.6% 67.5 67.9 0.4 0.6% 34.6% 68.6 68.1 -0.5 -0.7% 34.6% 66.7 66.5 -0.2 -0.3% 35.8% 67.1 0.1% 35.8% 35.8% -0.4 -0.6% 35.8% -0.1 67.8 0.4% 68.1 -0.2% 37.0% 66.8 0.1 0.1% 37.0% 67.4 67.8 0.4 0.6% 37.0% 68.5 68.1 -0.4 -0.6% 37.0% 66.5 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62.0 0.0 0.0% 65.5 65.4 -0.2% 65.8 65.9 0.2% 64.1 64.6 0.5 0.8%

Table SQ-19-5a American River at Watt Avenue, Monthly Temperature Long-term Average and Average by Water Year Type

					Mont	thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Loi	ng-term							
Full Simulation Period ¹												
No Action Alternative	60.4	56.6	49.1	46.3	48.8	53.7	58.4	63.1	67.4	69.0	69.6	67.2
Alternative B	60.3	56.7	49.2	46.3	48.8	53.7	58.4	63.0	67.4	69.1	69.4	67.1
Difference	-0.1	0.1	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.2	-0.2	-0.1
Percent Difference ³	-0.2%	0.2%	0.2%	0.1%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.2%	-0.2%	-0.1%
				Water Y	ear Types ²	!						
Vet (32%)												
No Action Alternative	59.5	57.5	50.0	46.5	48.2	52.6	56.4	60.8	65.0	68.5	68.7	66.0
Alternative B	59.5	57.6	50.0	46.5	48.2	52.6	56.4	60.8	65.0	68.5	68.5	66.1
Difference	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.1
Percent Difference	-0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.1%
Above Normal (15%)												
No Action Alternative	59.1	56.1	49.0	46.5	48.5	53.2	58.0	62.5	67.1	67.9	69.0	66.4
Alternative B	58.9	56.2	49.1	46.5	48.5	53.2	58.0	62.5	67.1	67.9	69.0	66.5
Difference	-0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Percent Difference	-0.4%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.2%
Below Normal (17%)												
No Action Alternative	59.0	56.4	49.3	45.7	47.8	53.5	58.5	62.5	67.3	67.6	69.7	67.5
Alternative B	59.0	56.5	49.4	45.8	47.7	53.6	58.5	62.4	67.2	68.1	69.3	67.3
Difference	0.1	0.0	0.0	0.1	0.0	0.1	0.0	-0.1	-0.1	0.5	-0.4	-0.2
Percent Difference	0.1%	0.1%	0.0%	0.1%	-0.1%	0.2%	0.0%	-0.2%	-0.1%	0.8%	-0.6%	-0.3%
Dry (22%)												
No Action Alternative	61.0	56.4	48.9	46.0	49.3	54.2	59.7	65.2	69.4	69.0	69.6	67.8
Alternative B	60.6	56.5	49.1	46.0	49.1	54.2	59.8	65.0	69.3	69.4	69.6	67.8
Difference	-0.5	0.1	0.3	0.0	-0.2	0.0	0.1	-0.2	0.0	0.4	-0.1	0.0
Percent Difference	-0.8%	0.2%	0.5%	0.0%	-0.3%	0.0%	0.1%	-0.3%	0.0%	0.5%	-0.1%	0.0%
Critical (15%)												
No Action Alternative	64.4	55.7	47.4	46.4	50.9	55.6	61.0	65.8	69.9	72.7	71.8	69.1
Alternative B	64.6	55.8	47.5	46.5	51.0	55.5	60.8	65.7	70.1	72.5	71.7	68.7
Difference	0.3	0.1	0.1	0.1	0.1	-0.1	-0.2	-0.1	0.2	-0.1	-0.1	-0.3
Percent Difference	0.4%	0.2%	0.2%	0.2%	0.1%	-0.2%	-0.3%	-0.2%	0.3%	-0.2%	-0.2%	-0.59



Figure SQ-19-5b American River at Watt Avenue, Monthly Temperature Probability of Exceedance

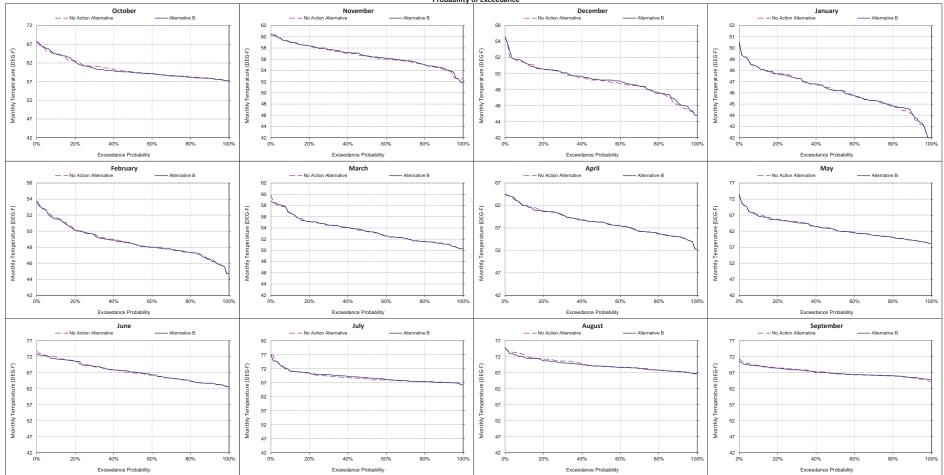


Table SQ-19-5b American River at Watt Avenue, Monthly Temperature Probability of Exceedance

Decembe

Novembe

Octobe

January Percent Percent Percent Percent No Action Alternative Alternative B Absolute Relative Relative Relative Relative Exceedance Exceedance Difference Difference Difference Difference Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG.E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) 0.0% 67.7 67.7 0.0% 0.0% 60.3 60.5 0.3% 0.0% 54.6 54.6 0.0 0.0% 50.5 -0.1 -0.2% 1.2% 66.8 67.3 0.5 0.7% 1.2% 60.3 60.3 0.0 0.0% 1.2% 53.8 53.8 0.0 0.0% 1.2% 49.4 49.4 0.0 0.0% 2.5% 66.3 66.5 0.2 0.3% 2.5% 60.1 60.3 0.3% 2.5% 52.0 52.8 1.5% 2.5% 49.2 49.2 0.0% 3.7% 3.7% 66.1 66.4 0.3 0.5% 3.7% 59.9 59.8 -0.1 -0.2% 3.7% 51.9 51.9 0.0 0.0% 49.2 49.2 0.0 0.0% 4.9% 65.3 65.9 0.6 0.9% 4.9% 59.7 59.8 0.2% 4.9% 51.8 51.8 0.0 0.0% 4.9% 48.8 48.9 0.1 0.2% 6.2% 6.2% 6.2% 6.2% 65.3 65.8 0.5 0.8% 59.4 59.4 0.0 0.0% 51.6 51.8 0.2 0.4% 48.5 48.5 0.0 0.0% 7.4% 64.8 64.6 0.4 0.6% 7.4% 0.0% 7.4% 0.4% 7.4% 48.4 48.5 0.1 0.2% 0.2 8.6% 8.6% 8.6% 8.6 · . 9.9% 11.1% 12.3% 8.6% 64.6 0.0 0.0% 59.2 593 0.1 0.2% 51.5 51.6 0.2% 48.4 48.4 0.0% 9.9% -0.2% 0.0% -0.2% 11.1% 12.3% 64.4 64.2 -0.2 -0.3% 11.1% 59.0 59.0 0.0 0.0% 11.1% 51.3 51.3 0.0 0.0% 48.1 48.1 0.0 0.0% 13.6% 13.6% 13.6% 0.0% 63.8 63.9 0.1 0.2% 58.9 58.8 -0.1 -0.2% 51.1 50.9 -0.2 -0.4% 48 N 48.0 0.0 47.9 16.0% 16.0% 16.0% 16.0% 62.8 63.6 0.8 1.3% 58.6 58.6 0.0 0.0% 50.8 50.7 -0.1 -0.2% 47.9 47.9 0.0 0.0% 18.5% 0.3% 18.5% 0.0% 18.5% 18.5% 0.0% 62.6 62.8 0.2 58.5 58.5 0.0 50.6 50.6 0.0 0.0% 47.7 47.7 0.0 19.8% 21.0% 62.6 62.4 -0.2 -0.5 -0.3% 19.8% 58.4 19.8% 0.0 0.0% 19.8% 21.0% 47.7 47.7 0.0 61.9 -0.8% 58.3 58.3 0.0 0.0% 50.5 50.5 47.6 0.2% 22.2% 23.5% -1.0% 22.2% 23.5% 58.3 0.3% 22.2% 23.5% 22.2% 23.5% 47.7 0.1 47.6 61.6 0.0 47.6 61.4 -0.2 -0.3% 58.0 58.1 0.1 0.2% 50.5 50.5 0.0% 0.0% 24.7% 25.9% 61.3 61.3 -0.2% -0.3% 24.7% 25.9% 24.7% 25.9% 24.7% 25.9% 58.0 50.5 50.4 -0.1 0.0 -0.2% 47 F 47.6 0.1 61.1 -0.2 57.9 58.0 0.1 0.2% 50.4 47.5 47.6 0.2% 50.4 0.0% 27.2% 28.4% 27.2% 28.4% 27.2% 28.4% -0.3% 27.2% 58.0 0.2% 50.3 50.4 0.2% 47.5 47.4 -0.1 0.0 61.1 60.8 -0.3 -0.5% 28.4% 57.7 58.0 0.3 0.5% 50.3 0.0 0.0% 47.4 47.4 0.0% 50.3 29.6% 30.9% -0.8% -1.0% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% -0.5 -0.6 57.7 0.0% 0.0% 47.3 0.0 0.0% 0.2% 50.1 47.3 47.3 32.1% 61.0 -0.7 -1.1% 32.1% 57.5 57.7 0.3% 32.1% 49.8 50.1 0.3 0.6% 32.1% 47.2 47.3 0.1 0.2% 33.3% 61.0 60.2 -0.8 -1.3% 33.3% 57.4 57.6 0.3% 33.3% 49.8 0.1 0.2% 33.3% 47.0 0.0 0.0% 34.6% 60.8 -0.6 -1.0% 34.6% 57.4 57.5 0.2% 34.6% 49.8 49.8 0.0 0.0% 34.6% 46.9 47.0 0.1 0.2% 35.8% -1.2% 35.8% 57.5 0.3% 35.8% -0.1 -0.2% 35.8% 0.2% 37.0% 60.6 60.0 -0.6 -1.0% 37.0% 57.3 57.3 0.0% 37.0% 49.7 49.7 0.0 0.0% 37.0% 46.8 46.8 0.0 0.0% 38.3% 60.5 -0.8% 38.3% 57.2 38.3% 0.4% 38.3% 46.8 57.1 0.2% 49.5 39.5% 60.4 59.9 -0.5 -0.8% 39.5% 57.1 57.2 0.2% 39.5% 49.5 49.7 0.2 0.4% 39.5% 46.8 46.8 0.0 0.0% 40.7% 60.2 59.8 -0.4 -0.7% 40.7% 57.0 57.2 0.4% 40.7% 49.5 49.6 0.1 0.2% 40.7% 46.8 46.7 -0.1 -0.2% 42.0% 60.0 59.7 -0.3-0.5% 42.0% 57.0 57.1 0.2% 42.0% 49.4 49.5 0.2% 42.0% 46.7 46.7 0.0 0.0% 0.0% 43.2% 60.0 59.7 -0.3 -0.5% 43.2% 57.0 57.1 0.1 0.2% 43.2% 49.3 49.5 0.2 0.4% 43.2% 46.7 46.7 0.0 44.4% 59.9 59.6 -0.3 -0.5% 44.4% 57.0 57.1 0.2% 44.4% 49.2 49.4 0.4% 44.4% 46.5 46.5 0.0 0.0% 45.7% 45.7% 45.7% 59.9 59.6 -0.3 -0.5% 56.7 57.1 0.4 0.7% 49.2 49.3 0.1 0.2% 45.7% 46.5 46.4 -0.1 -0.2% -0.2 46.9% 59.8 59.6 -0.3% 46.9% 56.7 56.8 0.2% 46.9% 49.2 49.3 0.2% 46.9% 46.5 46.3 -0.4% 48.1% 49.4% 59.7 59.6 -0.1 -0.2% 48.1% 56.6 56.7 0.1 0.2% 48.1% 49.2 49.3 0.1 0.2% 48.1% 46.3 46.3 0.0 0.0% 59.6 -0.3% 49.4% 56.5 56.6 0.2% 49.4% 49.2 49.2 0.0% 49.4% 46.2 46.2 0.0 0.0% 50.6% 50.6% 50.6% 59.6 59.4 -0.2 -0.3% 56.5 56.6 0.1 0.2% 49.1 49.2 0.1 0.2% 50.6% 46.2 46.2 0.0 0.0% 51.9% 59.3 -0.1 -0.1 -0.2% -0.2% 51.9% -0.2% 49.1 49.2 0.2% 51.9% 53.1% 46.2 46.2 0.0 0.0% 53.1% 53.1% 53.1% 0.2 0.0 59.4 593 56.4 56.4 0.0 0.0% 49.0 492 46.2 46.2 0.0% 55.6% 56.8% 55.6% 55.6% 55.6% 59.3 59.2 -0.1 -0.2% 56.2 56.4 0.2 0.4% 48.9 49.2 0.3 0.6% 46.1 45.9 -0.2 -0.4% 56.8% 58.0% 58.0% 0.4% 58.0% 59.1 59.2 0.1 0.2% 56.1 56.3 0.2 48.9 49.1 0.2 0.4% 58.0% 45.9 45.8 -0.1 -0.2% 60.5% 60.5% 60.5% 59.0 59.2 0.2 0.3% 56.0 56.2 0.2 0.4% 48.7 49.0 0.3 0.6% 60.5% 45.7 45.7 0.0 0.0% 61.7% 61.7% 45.6 63.0% 63.0% 63.0% 58.9 0.1 63.0% 59.0 0.2% 55.9 56.1 0.2 0.4% 48.6 48.8 0.2 0.4% 45.6 45.6 0.0 0.0% 64.2% 65.4% 58.8 58.8 -0.1 0.0 64.2% 65.4% 64.2% 65.4% 0.2% 64.2% 65.4% 45.6 45.4 45.5 45.4 -0.1 0.0 58.8 55.9 0.1 0.2% 48.7 0.2 0.0% 55.8 48.5 0.0% 66.7% 67.9% 0.2% 66.7% 67.9% 0.2% 66.7% 67.9% 66.7% 67.9% 58.7 0.1 55.9 48.5 48.6 0.2% 45.4 0.0 0.0% 58.7 58.6 55.8 0.1 55.8 0.0 48.5 48.6 0.2% 45.3 45.3 0.0% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% -0.3% 55.8 48.5 45.3 45.3 58.5 0.0% 45.3 0.0 58.7 -0.2 -0.3% 55.6 55.7 0.1 0.2% 48.4 48.4 0.0 45.3 0.0% 71.6% 58.6 58.5 -0.2% -0.2% 71.6% 55.7 0.2% 71.6% 48.4 48.4 0.0% 71.6% 45.3 45.3 0.0 0.0% 72.8% 58.6 58.5 -0.1 72.8% 55.5 55.7 0.2 0.4% 72.8% 48.4 48.3 -0.1 -0.2% 72.8% 45.2 45.2 0.0 0.0% 74.1% 75.3% -0.2% -0.2% 74.1% 75.3% 74.1% 0.4% 74.1% 0.0% 45.2 0.1 0.2% 75.3% 0.2% 75.3% 0.0 45.1 76.5% 58.5 -0.2 -0.3% 76.5% 55.2 55.3 0.2% 76.5% 47.7 47.9 0.2 0.4% 76.5% 45.0 45.0 0.0 0.0% 77.8% -0.3% 77.8% 0.0% 77.8% 0.1 77.8% 0.1 0.2% 55.2 55.2 0.2% 79.0% 58.3 58.2 -0.1 -0.2% 79.0% 55.1 55.1 0.0 0.0% 79.0% 47.5 47.7 0.4% 79.0% 44.8 44.9 0.1 0.2% 80.2% 58.2 0.0% 80.2% 55.0 80.2% 47.5 80.2% 44.8 58.2 0.0% 47.6 0.1 0.2% 44.8 0.0% 81.5% 58.2 58.1 -0.1-0.2% 81.5% 54.8 54.8 0.0% 81.5% 47.5 47.5 0.0% 81.5% 44.7 44.8 0.1 0.2% 82.7% 82.7% 58.2 -0.3% 82.7% 54.8 0.0% 47.4 47.5 0.1 0.2% 82.7% 44.7 44.7 0.0 0.0% 84.0% 58.1 58.0 -0.1 -0.2% 84.0% 54.7 54.8 0.2% 84.0% 47.2 47.4 0.4% 84.0% 44.7 44.7 0.0 0.0% 85.2% 58.1 58.0 -0.1 -0.2% 85.2% 54.6 54.7 0.1 0.2% 85.2% 47.1 47.4 0.3 0.6% 85.2% 44.4 44.7 0.3 0.7% 86.4% 58.0 0.0% 86.4% 54.6 0.2% 86.4% 46.9 47.0 0.2% 86.4% 44.4 44.6 0.2 0.5% 87.7% 58.0 57.9 -0.1 -0.2% 87.7% 54.4 54.6 0.2 0.4% 87.7% 46.3 46.9 0.6 1.3% 87.7% 44.4 44.6 0.2 0.5% 88.9% 58.0 57.9 -0.1 -0.2% 88.9% 54.3 54.5 0.2 0.4% 88.9% 46.2 46.7 0.5 1.1% 88.9% 44.2 44.5 0.3 0.7% 90.1% 58.0 57.9 -0.1 -0.2% 90.1% 54.1 54.4 0.3 0.6% 90.1% 46.1 46.3 0.2 0.4% 90.1% 44.1 44.1 0.0 0.0% 91.4% 57.9 57.6 57.8 57.7 -0.2% 91.4% 91.4% 46.0 91.4% 43.6 43.8 0.2 91.4% 92.6% 92.6% 0.1 0.2% 53.9 54.0 0.1 0.2% 45.8 46.0 0.2 0.4% 92.6% 43.5 43.7 0.5% 93.8% 53.9 93.8% 0.2 57.6 57.6 0.0 0.0% 93.8% 53.8 0.2% 93.8% 45.6 46.0 0.9% 43.2 43.4 0.5% 95.1% 95.1% 95.1% 95.1% 57.5 57.6 0.1 0.2% 52.8 53.7 0.9 1.7% 45.6 45.9 0.3 0.7% 43.2 43.3 0.1 0.2% 96.3% 57.5 57.4 57.5 57.3 0.0% 96.3% 97.5% 52.6 0.0% 96.3% 97.5% 45.5 -0.2 -0.1 -0.4% 96.3% 97.5% 43.0 43.0 0.0 0.0% 97.5% 0.0 0.0% -0.1 -0.2% 52.6 52.5 -0.1 -0.2% 45.4 453 -0.2% 423 423 -0.2% 0.0% 98.8% 0.0% 100.0% 100.0% 100.0% 100.0% 57.3 57.2 -0.1 -0.2% 52.5 51.9 -0.6 -1.1% 44.8 44.8 0.0 0.0% 41.8 41.8 0.0 0.0%

Table SQ-19-5b American River at Watt Avenue, Monthly Temperature Probability of Exceedance

									Probability	of Exceedance									
Percent		February			Percent		March			Percent		April			Percent		May		
Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative
Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)
0.0%	53.6	53.8	0.2	0.4%	0.0%	59.9	58.8	-1.1	-1.8%	0.0%	(DEG-F) 64.5	(DEG-F) 64.6	0.1	0.2%	0.0%	73.5	73.4	-0.1	-0.1%
1.2%	53.1	53.3	0.2	0.4%	1.2%	58.6	58.5	-0.1	-0.2%	1.2%	64.2	64.3	0.1	0.2%	1.2%	70.9	70.9	0.0	0.0%
2.5% 3.7%	52.9 52.7	52.9 52.8	0.0	0.0% 0.2%	2.5% 3.7%	58.2 58.0	58.5 58.2	0.3 0.2	0.5% 0.3%	2.5% 3.7%	64.1 64.0	64.1 64.0	0.0	0.0%	2.5% 3.7%	69.9 69.8	70.1 69.8	0.2	0.3%
4.9%	52.6	52.6	0.0	0.2%	4.9%	57.9	58.1	0.2	0.3%	4.9%	63.7	63.3	-0.4	-0.6%	4.9%	68.3	68.3	0.0	0.0%
6.2%	52.3	52.0	-0.3	-0.6%	6.2%	57.8	58.0	0.2	0.3%	6.2%	62.8	63.1	0.3	0.5%	6.2%	67.9	67.8	-0.1	-0.1%
7.4%	52.0	51.8	-0.2	-0.4%	7.4%	57.8	57.8	0.0	0.0%	7.4%	62.7	62.8 62.1	0.1	0.2%	7.4%	67.9 67.3	67.6	-0.3	-0.4%
8.6% 9.9%	51.8 51.7	51.6 51.5	-0.2 -0.2	-0.4% -0.4%	8.6% 9.9%	56.9 56.7	57.1 56.6	0.2 -0.1	0.4% -0.2%	8.6% 9.9%	62.3 62.0	62.0	-0.2 0.0	-0.3% 0.0%	8.6% 9.9%	67.3	67.3 66.7	0.0 -0.6	-0.9%
11.1%	51.6	51.5	-0.1	-0.2%	11.1%	56.6	56.5	-0.1	-0.2%	11.1%	62.0	61.9	-0.1	-0.2%	11.1%	67.1	66.5	-0.6	-0.9%
12.3%	51.3	51.5	0.2	0.4%	12.3%	56.3	56.3	0.0	0.0%	12.3%	61.7	61.6	-0.1	-0.2%	12.3%	66.9	66.4	-0.5	-0.7%
13.6% 14.8%	51.2 50.9	51.1 51.1	-0.1 0.2	-0.2% 0.4%	13.6% 14.8%	55.8 55.7	55.8 55.7	0.0	0.0%	13.6% 14.8%	61.6 61.6	61.6 61.0	0.0	0.0%	13.6% 14.8%	66.4 66.4	66.4 66.2	0.0 -0.2	0.0% -0.3%
16.0%	50.7	50.7	0.0	0.0%	16.0%	55.7	55.3	-0.4	-0.7%	16.0%	61.4	60.9	-0.5	-0.8%	16.0%	66.3	65.6	-0.7	-1.1%
17.3%	50.5	50.6	0.1	0.2%	17.3%	55.3	55.3	0.0	0.0%	17.3%	61.2	60.9	-0.3	-0.5%	17.3%	65.6	65.6	0.0	0.0%
18.5% 19.8%	50.3 50.1	50.5 50.1	0.2	0.4%	18.5% 19.8%	55.2 55.2	55.2 55.1	0.0 -0.1	0.0% -0.2%	18.5% 19.8%	61.0 60.8	60.9 60.7	-0.1 -0.1	-0.2% -0.2%	18.5% 19.8%	65.6 65.6	65.6 65.6	0.0	0.0%
21.0%	50.1	50.0	-0.1	-0.2%	21.0%	55.1	55.1	0.0	0.0%	21.0%	60.7	60.6	-0.1	-0.2%	21.0%	65.6	65.4	-0.2	-0.3%
22.2%	50.0	50.0	0.0	0.0%	22.2%	55.0	55.1	0.1	0.2%	22.2%	60.7	60.6	-0.1	-0.2%	22.2%	65.5	65.2	-0.3	-0.5%
23.5%	49.9 49.9	50.0 49.8	0.1	0.2%	23.5%	54.9	55.1	0.2	0.4%	23.5%	60.6	60.6	0.0	0.0%	23.5%	65.4	65.2	-0.2	-0.3%
24.7% 25.9%	49.9	49.8 49.7	-0.1 -0.1	-0.2% -0.2%	24.7% 25.9%	54.9 54.8	54.9 54.8	0.0	0.0%	24.7% 25.9%	60.5 60.5	60.6 60.5	0.1	0.2%	24.7% 25.9%	65.2 65.1	65.2 65.0	0.0 -0.1	0.0% -0.2%
27.2%	49.7	49.7	0.0	0.0%	27.2%	54.7	54.8	0.1	0.2%	27.2%	60.2	60.4	0.2	0.3%	27.2%	65.0	64.9	-0.1	-0.2%
28.4%	49.6	49.7	0.1	0.2%	28.4%	54.5	54.7	0.2	0.4%	28.4%	60.1	60.2	0.1	0.2%	28.4%	65.0	64.8	-0.2	-0.3%
29.6% 30.9%	49.6 49.5	49.6 49.3	0.0 -0.2	0.0%	29.6% 30.9%	54.5 54.5	54.5 54.5	0.0	0.0%	29.6% 30.9%	59.8 59.6	60.0 59.8	0.2 0.2	0.3%	29.6% 30.9%	65.0 64.9	64.7 64.5	-0.3 -0.4	-0.5% -0.6%
30.9%	49.5	49.3 49.2	-0.2	-0.4%	30.9%	54.5 54.4	54.5 54.5	0.0	0.0%	30.9%	59.6	59.6 59.4	0.2	0.3%	30.9%	64.8	64.5	-0.4	-0.5%
33.3%	49.2	49.1	-0.1	-0.2%	33.3%	54.4	54.4	0.0	0.0%	33.3%	59.3	59.3	0.0	0.0%	33.3%	64.7	64.5	-0.2	-0.3%
34.6%	49.2	49.1	-0.1	-0.2%	34.6%	54.4	54.4	0.0	0.0%	34.6%	59.2	59.2	0.0	0.0%	34.6%	64.5	64.4	-0.1	-0.2%
35.8% 37.0%	49.1 49.0	49.0 49.0	-0.1 0.0	-0.2% 0.0%	35.8% 37.0%	54.2 54.2	54.3 54.1	0.1 -0.1	0.2% -0.2%	35.8% 37.0%	59.2 59.0	59.2 59.0	0.0	0.0%	35.8% 37.0%	64.4 63.8	64.4 63.6	0.0 -0.2	0.0% -0.3%
38.3%	49.0	48.9	-0.1	-0.2%	38.3%	54.2	54.1	-0.1	-0.2%	38.3%	59.0	58.8	-0.2	-0.3%	38.3%	63.7	63.6	-0.1	-0.2%
39.5%	49.0	48.9	-0.1	-0.2%	39.5%	54.1	54.1	0.0	0.0%	39.5%	58.8	58.8	0.0	0.0%	39.5%	63.6	63.4	-0.2	-0.3%
40.7%	48.9	48.9	0.0	0.0%	40.7%	54.1	54.0	-0.1	-0.2%	40.7%	58.8	58.7 58.7	-0.1	-0.2%	40.7%	63.4	63.4	0.0	0.0%
42.0% 43.2%	48.9 48.8	48.7 48.7	-0.2 -0.1	-0.4% -0.2%	42.0% 43.2%	53.9 53.8	53.9 53.9	0.0	0.0%	42.0% 43.2%	58.7 58.5	58.4	0.0 -0.1	0.0%	42.0% 43.2%	63.2 63.2	63.2 63.0	0.0 -0.2	0.0% -0.3%
44.4%	48.7	48.7	0.0	0.0%	44.4%	53.7	53.8	0.1	0.2%	44.4%	58.4	58.4	0.0	0.0%	44.4%	63.0	63.0	0.0	0.0%
45.7%	48.7	48.6	-0.1	-0.2%	45.7%	53.6	53.8	0.2	0.4%	45.7%	58.4	58.4	0.0	0.0%	45.7%	63.0	62.9	-0.1	-0.2%
46.9%	48.6	48.6 48.6	0.0	0.0%	46.9% 48.1%	53.6 53.4	53.7 53.6	0.1	0.2%	46.9%	58.4	58.4 58.3	0.0	0.0%	46.9%	63.0 62.9	62.8 62.7	-0.2	-0.3%
48.1% 49.4%	48.5 48.4	48.5	0.1	0.2%	49.4%	53.4	53.4	0.2	0.4%	48.1% 49.4%	58.3 58.3	58.3	0.0	0.0%	48.1% 49.4%	62.6	62.6	-0.2 0.0	-0.3% 0.0%
50.6%	48.4	48.4	0.0	0.0%	50.6%	53.3	53.4	0.1	0.2%	50.6%	58.3	58.3	0.0	0.0%	50.6%	62.1	62.2	0.1	0.2%
51.9%	48.3	48.3	0.0	0.0%	51.9%	53.3	53.3	0.0	0.0%	51.9%	58.3	58.2	-0.1	-0.2%	51.9%	62.0	62.0	0.0	0.0%
53.1% 54.3%	48.2 48.2	48.2 48.1	0.0 -0.1	0.0%	53.1% 54.3%	53.2 53.1	53.3 53.2	0.1 0.1	0.2%	53.1% 54.3%	58.0 57.9	57.9 57.7	-0.1 -0.2	-0.2% -0.3%	53.1% 54.3%	61.9 61.9	61.9 61.9	0.0	0.0%
55.6%	48.1	48.1	0.0	0.0%	55.6%	53.1	53.1	0.0	0.0%	55.6%	57.7	57.7	0.0	0.0%	55.6%	61.8	61.8	0.0	0.0%
56.8%	48.1	48.1	0.0	0.0%	56.8%	52.9	52.9	0.0	0.0%	56.8%	57.6	57.6	0.0	0.0%	56.8%	61.8	61.8	0.0	0.0%
58.0%	48.1	48.0	-0.1	-0.2%	58.0%	52.7	52.8	0.1	0.2%	58.0%	57.6	57.6	0.0	0.0%	58.0%	61.6	61.7	0.1	0.2%
59.3% 60.5%	48.0 48.0	48.0 48.0	0.0	0.0%	59.3% 60.5%	52.6 52.5	52.6 52.6	0.0	0.0%	59.3% 60.5%	57.5 57.4	57.5 57.4	0.0	0.0%	59.3% 60.5%	61.5 61.4	61.7 61.4	0.2	0.3%
61.7%	48.0	48.0	0.0	0.0%	61.7%	52.4	52.4	0.0	0.0%	61.7%	57.3	57.3	0.0	0.0%	61.7%	61.3	61.3	0.0	0.0%
63.0%	48.0	47.9	-0.1	-0.2%	63.0%	52.4	52.4	0.0	0.0%	63.0%	57.3	57.3	0.0	0.0%	63.0%	61.3	61.3	0.0	0.0%
64.2% 65.4%	48.0 47.9	47.9 47.8	-0.1 -0.1	-0.2% -0.2%	64.2% 65.4%	52.4 52.3	52.4 52.3	0.0	0.0%	64.2% 65.4%	57.2 56.8	57.1 57.1	-0.1 0.3	-0.2%	64.2% 65.4%	61.2 61.2	61.2 61.2	0.0	0.0%
66.7%	47.9	47.8	0.0	0.2%	66.7%	52.3	52.3	0.0	0.0%	66.7%	56.8	56.8	0.0	0.5%	66.7%	61.1	61.1	0.0	0.0%
67.9%	47.8	47.8	0.0	0.0%	67.9%	52.3	52.3	0.0	0.0%	67.9%	56.7	56.5	-0.2	-0.4%	67.9%	61.0	61.0	0.0	0.0%
69.1%	47.8	47.8	0.0	0.0%	69.1%	52.2	52.2	0.0	0.0%	69.1%	56.4	56.3	-0.1	-0.2%	69.1%	60.7	60.7	0.0	0.0%
70.4% 71.6%	47.8 47.7	47.7 47.6	-0.1 -0.1	-0.2% -0.2%	70.4% 71.6%	52.1 52.0	52.1 52.0	0.0	0.0%	70.4% 71.6%	56.3 56.2	56.2 56.2	-0.1 0.0	-0.2%	70.4% 71.6%	60.7 60.6	60.7	0.0	0.0%
72.8%	47.6	47.6	0.0	0.0%	72.8%	51.9	51.9	0.0	0.0%	72.8%	56.2	56.2	0.0	0.0%	72.8%	60.6	60.6	0.0	0.0%
74.1%	47.6	47.6	0.0	0.0%	74.1%	51.7	51.7	0.0	0.0%	74.1%	56.1	56.1	0.0	0.0%	74.1%	60.5	60.4	-0.1	-0.2%
75.3% 76.5%	47.6 47.5	47.5 47.4	-0.1 -0.1	-0.2% -0.2%	75.3% 76.5%	51.7 51.7	51.7 51.7	0.0	0.0%	75.3% 76.5%	56.1 56.0	56.1 56.0	0.0	0.0%	75.3% 76.5%	60.4 60.4	60.4 60.4	0.0	0.0%
76.5%	47.5 47.4	47.4 47.4	-0.1	-0.2%	76.5%	51.7 51.6	51.7 51.6	0.0	0.0%	76.5% 77.8%	56.0	56.0 56.0	0.0	0.0%	76.5% 77.8%	60.3	60.3	0.0	0.0%
79.0%	47.4	47.4	0.0	0.0%	79.0%	51.6	51.6	0.0	0.0%	79.0%	55.8	55.9	0.1	0.2%	79.0%	60.1	60.2	0.1	0.2%
80.2%	47.3	47.3	0.0	0.0%	80.2%	51.6	51.6	0.0	0.0%	80.2%	55.6	55.7	0.1	0.2%	80.2%	60.1	60.1	0.0	0.0%
81.5% 82.7%	47.3 47.3	47.3 47.3	0.0	0.0%	81.5% 82.7%	51.5 51.5	51.5 51.5	0.0	0.0%	81.5% 82.7%	55.5 55.4	55.6 55.5	0.1	0.2%	81.5% 82.7%	59.8 59.7	59.8 59.7	0.0	0.0%
84.0%	47.3	47.1	-0.2	-0.4%	84.0%	51.5	51.5	0.0	0.0%	84.0%	55.3	55.4	0.1	0.2%	84.0%	59.7	59.7	0.0	0.0%
85.2%	47.1	47.1	0.0	0.0%	85.2%	51.4	51.4	0.0	0.0%	85.2%	55.2	55.3	0.1	0.2%	85.2%	59.7	59.7	0.0	0.0%
86.4%	46.8	46.8	0.0	0.0%	86.4%	51.3	51.3	0.0	0.0%	86.4%	55.2	55.2	0.0	0.0%	86.4%	59.5	59.5	0.0	0.0%
87.7% 88.9%	46.8 46.6	46.7 46.5	-0.1 -0.1	-0.2% -0.2%	87.7% 88.9%	51.3 51.3	51.3 51.3	0.0	0.0%	87.7% 88.9%	55.1 55.1	55.2 55.1	0.1	0.2%	87.7% 88.9%	59.3 59.3	59.3 59.3	0.0	0.0%
90.1%	46.5	46.5	0.0	0.0%	90.1%	51.1	51.1	0.0	0.0%	90.1%	55.0	55.1	0.1	0.2%	90.1%	59.2	59.2	0.0	0.0%
91.4%	46.5	46.2	-0.3	-0.6%	91.4%	51.1	51.1	0.0	0.0%	91.4%	55.0	55.0	0.0	0.0%	91.4%	59.1	59.1	0.0	0.0%
92.6%	46.2	46.2	0.0	0.0%	92.6%	51.1	51.1	0.0	0.0%	92.6%	54.7	54.8	0.1	0.2%	92.6%	59.0	59.0	0.0	0.0%
93.8% 95.1%	46.0 45.8	45.9 45.9	-0.1 0.1	-0.2% 0.2%	93.8% 95.1%	50.8 50.8	50.8 50.7	0.0 -0.1	0.0% -0.2%	93.8% 95.1%	54.6 54.3	54.6 54.3	0.0	0.0%	93.8% 95.1%	58.8 58.7	58.8 58.7	0.0	0.0%
96.3%	45.7	45.7	0.0	0.0%	96.3%	50.6	50.6	0.0	0.0%	96.3%	54.1	54.1	0.0	0.0%	96.3%	58.6	58.6	0.0	0.0%
97.5%	45.6	45.6	0.0	0.0%	97.5%	50.4	50.4	0.0	0.0%	97.5%	53.9	53.9	0.0	0.0%	97.5%	58.5	58.5	0.0	0.0%
98.8%	44.7 44.7	44.7 44.7	0.0	0.0%	98.8%	50.3 50.3	50.3 50.3	0.0	0.0%	98.8%	52.3 52.3	52.3 52.3	0.0	0.0%	98.8%	58.2 58.2	58.2 58.2	0.0	0.0%
100.0%	44.7	44.7	0.0	0.0%	100.0%	50.3	50.3	0.0	0.0%	100.0%	52.3	52.3	0.0	0.0%	100.0%	36.Z	56.2	0.0	0.0%

Table SQ-19-5b

American River at Watt Avenue, Monthly Temperature
Probability of Exceedance

August

September

Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)	Dillici cirioc (70)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Directorice (10)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Dillerende (10)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (70)
0.0%	73.7	72.8	-0.9	-1.2%	0.0%	77.0	77.0	0.0	0.0%	0.0%	74.9	74.7	-0.2	-0.3%	0.0%	71.4	70.6	-0.8	-1.1%
1.2%	73.0	72.6	-0.4	-0.5%	1.2%	76.7	74.7	-2.0	-2.6%	1.2%	73.9	73.9	0.0	0.0%	1.2%	70.6	70.1	-0.5	-0.7%
2.5%	73.0	72.4	-0.6	-0.8%	2.5%	74.7	74.7	0.0	0.0%	2.5%	73.7	72.9	-0.8	-1.1%	2.5%	70.5	69.6	-0.9	
3.7%	72.8	72.3	-0.5	-0.7%	3.7%	74.7	74.2	0.0	0.0%	3.7%	73.4	72.9	-0.5	-0.7%	3.7%	69.9	69.6	-0.3	-1.3% -0.4%
4.9%	72.1	72.3	0.5	0.3%	4.9%	73.4	73.1	-0.3	-0.4%	4.9%	73.3	72.7	-0.5	-0.8%	4.9%	69.9	69.4	-0.5	-0.7%
																		-0.5	-0.7%
6.2%	72.1	72.1	0.0	0.0%	6.2%	73.0	72.6	-0.4	-0.5%	6.2%	73.2	72.4	-0.8	-1.1%	6.2%	69.5	69.3	-0.2	-0.3%
7.4%	72.0	71.5	-0.5	-0.7%	7.4%	71.9	72.2	0.3	0.4%	7.4%	73.0	72.1	-0.9	-1.2%	7.4%	69.5	69.3	-0.2	-0.3%
8.6%	72.0	71.5	-0.5	-0.7%	8.6%	71.5	72.0	0.5	0.7%	8.6%	72.9	72.1	-0.8	-1.1%	8.6%	69.3	69.2	-0.1	-0.1%
9.9%	71.9	71.3	-0.6	-0.8%	9.9%	71.2	71.1	-0.1	-0.1%	9.9%	72.5	71.8	-0.7	-1.0%	9.9%	69.3	69.1	-0.2	-0.3%
11.1%	71.6	71.2	-0.4	-0.6%	11.1%	71.1	71.0	-0.1	-0.1%	11.1%	72.4	71.5	-0.9	-1.2%	11.1%	69.2	69.1	-0.1	-0.1%
12.3%	71.3	71.2	-0.1	-0.1%	12.3%	71.0	71.0	0.0	0.0%	12.3%	71.8	71.5	-0.3	-0.4%	12.3%	69.0	68.8	-0.2	-0.3%
13.6%	71.3	71.1	-0.2	-0.3%	13.6%	70.8	70.9	0.1	0.1%	13.6%	71.7	71.4	-0.3	-0.4%	13.6%	68.9	68.8	-0.1	-0.1%
14.8%	71.0	71.0	0.0	0.0%	14.8%	70.8	70.8	0.0	0.0%	14.8%	71.6	71.4	-0.2	-0.3%	14.8%	68.8	68.8	0.0	0.0%
16.0%	71.0	70.9	-0.1	-0.1%	16.0%	70.7	70.8	0.1	0.1%	16.0%	71.4	71.4	0.0	0.0%	16.0%	68.8	68.5	-0.3	-0.4%
17.3%	70.8	70.9	0.1	0.1%	17.3%	70.5	70.7	0.2	0.3%	17.3%	71.4	71.4	0.0	0.0%	17.3%	68.7	68.5	-0.2	-0.3%
18.5%	70.7	70.9	0.2	0.3%	18.5%	70.5	70.7	0.2	0.3%	18.5%	71.3	71.1	-0.2	-0.3%	18.5%	68.5	68.5	0.0	0.0%
19.8%	70.6	70.6	0.0	0.0%	19.8%	70.4	70.5	0.1	0.1%	19.8%	71.2	70.7	-0.5	-0.7%	19.8%	68.5	68.4	-0.1	-0.1%
21.0%	70.5	70.5	0.0	0.0%	21.0%	70.0	70.1	0.1	0.1%	21.0%	71.2	70.7	-0.5	-0.7%	21.0%	68.4	68.4	0.0	0.0%
22.2%	69.7	70.5	0.8	1.1%	22.2%	69.9	70.1	0.2	0.3%	22.2%	71.2	70.7	-0.5	-0.7%	22.2%	68.4	68.2	-0.2	-0.3%
23.5%	69.5	69.4	-0.1	-0.1%	23.5%	69.7	70.0	0.3	0.4%	23.5%	71.0	70.6	-0.4	-0.6%	23.5%	68.4	68.2	-0.2	-0.3%
24.7%	69.3	69.4	0.1	0.1%	24.7%	69.6	70.0	0.4	0.6%	24.7%	71.0	70.4	-0.6	-0.8%	24.7%	68.3	68.1	-0.2	-0.3%
25.9%	69.2	69.4	0.2	0.3%	25.9%	69.6	70.0	0.4	0.6%	25.9%	70.8	70.4	-0.4	-0.6%	25.9%	68.2	68.0	-0.2	-0.3%
27.2%	69.2	69.4	0.2	0.3%	27.2%	69.6	70.0	0.4	0.6%	27.2%	70.7	70.3	-0.4	-0.6%	27.2%	68.2	67.9	-0.3	-0.4%
28.4%	69.1	69.2	0.1	0.1%	28.4%	69.5	69.9	0.4	0.6%	28.4%	70.6	70.1	-0.5	-0.7%	28.4%	68.1	67.9	-0.2	-0.3%
29.6%	68.9	69.0	0.1	0.1%	29.6%	69.3	69.8	0.5	0.7%	29.6%	70.6	70.1	-0.5	-0.7%	29.6%	68.0	67.9	-0.1	-0.1%
30.9%	68.7	69.0	0.3	0.4%	30.9%	69.3	69.8	0.5	0.7%	30.9%	70.6	70.0	-0.6	-0.8%	30.9%	67.9	67.9	0.0	0.0%
32.1%	68.7	69.0	0.3	0.4%	32.1%	69.2	69.7	0.5	0.7%	32.1%	70.6	70.0	-0.6	-0.8%	32.1%	67.9	67.8	-0.1	-0.1%
33.3%	68.6	68.6	0.0	0.0%	33.3%	69.2	69.6	0.3	0.6%	33.3%	70.5	69.9	-0.6	-0.9%	33.3%	67.8	67.8	0.0	0.0%
34.6%	68.5	68.4	-0.1	-0.1%	34.6%	69.2	69.6	0.4	0.6%	34.6%	70.5	69.9	-0.6	-0.9%	34.6%	67.8	67.6	-0.2	-0.3%
34.6%	68.4	68.3	-0.1	-0.1% -0.1%	35.8%	69.0	69.5	0.4		35.8%		69.8	-0.6	-0.9%	35.8%	67.8	67.5	-0.2	
		68.1			37.0%	68.9			0.7%	37.0%	70.3				37.0%			0.1	-0.4% 0.1%
37.0%	68.0		0.1	0.1%			69.5	0.6	0.9%		70.1	69.7	-0.4	-0.6%		67.4	67.5		
38.3%	67.9	68.0	0.1	0.1%	38.3%	68.9	69.4	0.5	0.7%	38.3%	70.1	69.7	-0.4	-0.6%	38.3%	67.4	67.4	0.0	0.0%
39.5%	67.9	67.9	0.0	0.0%	39.5%	68.9	69.3	0.4	0.6%	39.5%	69.8	69.5	-0.3	-0.4%	39.5%	67.4	67.1	-0.3	-0.4%
40.7%	67.8	67.8	0.0	0.0%	40.7%	68.7	69.2	0.5	0.7%	40.7%	69.6	69.4	-0.2	-0.3%	40.7%	67.3	67.0	-0.3	-0.4%
42.0%	67.8	67.8	0.0	0.0%	42.0%	68.7	69.1	0.4	0.6%	42.0%	69.5	69.4	-0.1	-0.1%	42.0%	67.3	67.0	-0.3	-0.4%
43.2%	67.6	67.7	0.1	0.1%	43.2%	68.6	69.1	0.5	0.7%	43.2%	69.2	69.3	0.1	0.1%	43.2%	67.3	67.0	-0.3	-0.4%
44.4%	67.6	67.6	0.0	0.0%	44.4%	68.6	69.1	0.5	0.7%	44.4%	69.2	69.3	0.1	0.1%	44.4%	67.2	67.0	-0.2	-0.3%
45.7%	67.2	67.6	0.4	0.6%	45.7%	68.6	69.0	0.4	0.6%	45.7%	69.1	69.1	0.0	0.0%	45.7%	67.1	67.0	-0.1	-0.1%
46.9%	67.1	67.6	0.5	0.7%	46.9%	68.4	68.9	0.5	0.7%	46.9%	69.1	69.1	0.0	0.0%	46.9%	66.9	66.9	0.0	0.0%
48.1%	67.1	67.4	0.3	0.4%	48.1%	68.4	68.9	0.5	0.7%	48.1%	69.0	69.1	0.1	0.1%	48.1%	66.9	66.8	-0.1	-0.1%
49.4%	67.0	67.2	0.2	0.3%	49.4%	68.4	68.9	0.5	0.7%	49.4%	69.0	69.1	0.1	0.1%	49.4%	66.7	66.8	0.1	0.1%
50.6%	66.9	67.2	0.3	0.4%	50.6%	68.3	68.7	0.4	0.6%	50.6%	69.0	69.0	0.0	0.0%	50.6%	66.6	66.8	0.2	0.3%
51.9%	66.8	67.1	0.3	0.4%	51.9%	68.0	68.6	0.6	0.9%	51.9%	69.0	69.0	0.0	0.0%	51.9%	66.6	66.7	0.1	0.2%
53.1%	66.8	67.0	0.2	0.3%	53.1%	68.0	68.6	0.6	0.9%	53.1%	68.8	69.0	0.2	0.3%	53.1%	66.5	66.7	0.2	0.3%
54.3%	66.8	67.0	0.2	0.3%	54.3%	68.0	68.5	0.5	0.7%	54.3%	68.8	69.0	0.2	0.3%	54.3%	66.5	66.6	0.1	0.2%
55.6%	66.7	66.8	0.1	0.1%	55.6%	68.0	68.5	0.5	0.7%	55.6%	68.8	68.8	0.0	0.0%	55.6%	66.5	66.5	0.0	0.0%
56.8%	66.4	66.8	0.4	0.6%	56.8%	68.0	68.4	0.4	0.6%	56.8%	68.8	68.8	0.0	0.0%	56.8%	66.4	66.5	0.1	0.2%
58.0%	66.3	66.7	0.4	0.6%	58.0%	68.0	68.4	0.4	0.6%	58.0%	68.7	68.7	0.0	0.0%	58.0%	66.4	66.4	0.0	0.0%
59.3%	66.2	66.3	0.1	0.2%	59.3%	68.0	68.2	0.2	0.3%	59.3%	68.7	68.7	0.0	0.0%	59.3%	66.3	66.4	0.1	0.2%
60.5%	66.2	66.3	0.1	0.2%	60.5%	68.0	68.2	0.2	0.3%	60.5%	68.7	68.6	-0.1	-0.1%	60.5%	66.3	66.4	0.1	0.2%
61.7%	66.2	66.3	0.1	0.2%	61.7%	68.0	68.0	0.0	0.0%	61.7%	68.7	68.6	-0.1	-0.1%	61.7%	66.3	66.4	0.1	0.2%
63.0%	65.8	65.8	0.0	0.0%	63.0%	67.9	68.0	0.1	0.1%	63.0%	68.6	68.6	0.0	0.0%	63.0%	66.3	66.4	0.1	0.2%
64.2%	65.8	65.8	0.0	0.0%	64.2%	67.8	67.9	0.1	0.1%	64.2%	68.6	68.6	0.0	0.0%	64.2%	66.3	66.3	0.0	0.0%
65.4%	65.7	65.7	0.0	0.0%	65.4%	67.8	67.9	0.1	0.1%	65.4%	68.6	68.5	-0.1	-0.1%	65.4%	66.2	66.3	0.1	0.2%
66.7%	65.6	65.5	-0.1	-0.2%	66.7%	67.7	67.8	0.1	0.1%	66.7%	68.6	68.5	-0.1	-0.1%	66.7%	66.2	66.3	0.1	0.2%
67.9%	65.4	65.4	0.0	0.0%	67.9%	67.7	67.8	0.1	0.1%	67.9%	68.5	68.5	0.0	0.0%	67.9%	66.2	66.3	0.1	0.2%
69.1%	65.3	65.3	0.0	0.0%	69.1%	67.7	67.8	0.1	0.1%	69.1%	68.5	68.4	-0.1	-0.1%	69.1%	66.2	66.2	0.0	0.2%
70.4%	65.3	65.3	0.0	0.0%	70.4%	67.7	67.7	0.0	0.1%	70.4%	68.2	68.3	0.1	0.1%	70.4%	66.2	66.2	0.0	0.0%
71.6%	65.1	65.1	0.0	0.0%	71.6%	67.5	67.6	0.0	0.1%	71.6%	68.1	68.3	0.1	0.3%	71.6%	66.2	66.2	0.0	0.0%
72.8%	65.1	65.1	0.0	0.0%	71.6%	67.5	67.5	0.0	0.1%	72.8%	68.0	68.3	0.2	0.4%	72.8%	66.1	66.2	0.0	0.2%
74.1%	65.0	65.0		0.0%	74.1%	67.5	67.5	0.0			68.0	68.2		0.4%		66.1	66.1		
			0.0				67.5 67.5		0.0%	74.1%			0.2		74.1%			0.0	0.0%
75.3% 76.5%	64.9 64.7	64.9 64.7	0.0	0.0%	75.3% 76.5%	67.5 67.5	67.5 67.4	0.0 -0.1	0.0%	75.3% 76.5%	67.9 67.9	67.9 67.9	0.0	0.0%	75.3% 76.5%	66.0 66.0	66.1 66.1	0.1 0.1	0.2%
																			0.2%
77.8%	64.7	64.7	0.0	0.0%	77.8%	67.5	67.4	-0.1	-0.1%	77.8%	67.9	67.9	0.0	0.0%	77.8%	66.0	66.1	0.1	0.2%
79.0%	64.7	64.7	0.0	0.0%	79.0%	67.4	67.4	0.0	0.0%	79.0%	67.9	67.8	-0.1	-0.1%	79.0%	66.0	66.1	0.1	0.2%
80.2%	64.3	64.3	0.0	0.0%	80.2%	67.4	67.3	-0.1	-0.1%	80.2%	67.8	67.8	0.0	0.0%	80.2%	65.9	66.0	0.1	0.2%
81.5%	64.2	64.2	0.0	0.0%	81.5%	67.4	67.3	-0.1	-0.1%	81.5%	67.7	67.8	0.1	0.1%	81.5%	65.9	66.0	0.1	0.2%
82.7%	63.9	63.9	0.0	0.0%	82.7%	67.4	67.3	-0.1	-0.1%	82.7%	67.6	67.7	0.1	0.1%	82.7%	65.9	65.9	0.0	0.0%
84.0%	63.9	63.9	0.0	0.0%	84.0%	67.3	67.2	-0.1	-0.1%	84.0%	67.6	67.6	0.0	0.0%	84.0%	65.8	65.9	0.1	0.2%
85.2%	63.8	63.8	0.0	0.0%	85.2%	67.2	67.2	0.0	0.0%	85.2%	67.5	67.5	0.0	0.0%	85.2%	65.6	65.8	0.2	0.3%
86.4%	63.8	63.8	0.0	0.0%	86.4%	67.2	67.1	-0.1	-0.1%	86.4%	67.5	67.5	0.0	0.0%	86.4%	65.6	65.7	0.1	0.2%
87.7%	63.7	63.7	0.0	0.0%	87.7%	67.2	67.1	-0.1	-0.1%	87.7%	67.4	67.5	0.1	0.1%	87.7%	65.6	65.6	0.0	0.0%
88.9%	63.7	63.7	0.0	0.0%	88.9%	67.2	67.1	-0.1	-0.1%	88.9%	67.4	67.4	0.0	0.0%	88.9%	65.5	65.5	0.0	0.0%
90.1%	63.7	63.7	0.0	0.0%	90.1%	67.1	67.1	0.0	0.0%	90.1%	67.3	67.4	0.1	0.1%	90.1%	65.3	65.5	0.2	0.3%
91.4%	63.7	63.7	0.0	0.0%	91.4%	67.1	67.0	-0.1	-0.1%	91.4%	67.3	67.3	0.0	0.0%	91.4%	65.3	65.5	0.2	0.3%
92.6%	63.5	63.5	0.0	0.0%	92.6%	67.0	67.0	0.0	0.0%	92.6%	67.2	67.2	0.0	0.0%	92.6%	65.2	65.4	0.2	0.3%
93.8%	63.3	63.3	0.0	0.0%	93.8%	67.0	66.9	-0.1	-0.1%	93.8%	67.2	67.2	0.0	0.0%	93.8%	65.0	65.2	0.2	0.3%
95.1%	63.3	63.3	0.0	0.0%	95.1%	67.0	66.9	-0.1	-0.1%	95.1%	67.1	67.1	0.0	0.0%	95.1%	65.0	65.2	0.2	0.3%
96.3%	63.2	63.2	0.0	0.0%	96.3%	67.0	66.9	-0.1	-0.1%	96.3%	66.9	66.9	0.0	0.0%	96.3%	65.0	65.0	0.0	0.0%
97.5%	62.9	62.9	0.0	0.0%	97.5%	67.0	66.8	-0.1	-0.1%	97.5%	66.8	66.8	0.0	0.0%	97.5%	64.7	65.0	0.3	0.5%
97.5%	62.9	62.9	0.0	0.0%	97.5%	66.4	66.2	-0.2	-0.3%	97.5%	66.6	66.8	0.0	0.0%	97.5%	64.3	64.9	0.3	0.5%
100.0%	62.7	62.7			100.0%	66.4	66.2			100.0%	66.6	66.8	0.2	0.3%	100.0%	64.3	64.9	0.6	0.9%
100.0%	04.7	02.7	0.0	0.0%	100.0%	00.4	00.2	-0.2	-0.3%	100.0%	00.0	00.0	0.2	0.370	100.0%	04.3	04.9	0.0	0.970

Table SQ-20-5a American River at the Mouth, Monthly Temperature Long-term Average and Average by Water Year Type

					Mon	thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Loi	ng-term							
Full Simulation Period ¹												
No Action Alternative	60.8	56.3	48.6	46.1	49.0	54.0	58.9	63.7	68.1	69.7	70.4	67.
Alternative B	60.7	56.3	48.7	46.1	49.0	54.0	58.9	63.7	68.1	69.9	70.2	67.
Difference	-0.1	0.1	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.2	-0.2	0.0
Percent Difference ³	-0.1%	0.2%	0.2%	0.1%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.3%	-0.2%	0.09
				Water Y	ear Types	1						
Wet (32%)												
No Action Alternative	60.0	57.3	49.6	46.5	48.3	52.8	56.8	61.4	65.6	69.3	69.5	66.4
Alternative B	59.9	57.4	49.6	46.5	48.3	52.8	56.8	61.4	65.6	69.3	69.3	66.5
Difference	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.1
Percent Difference	-0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.29
Above Normal (15%)												
No Action Alternative	59.6	55.7	48.6	46.4	48.6	53.3	58.4	63.2	67.9	68.6	69.7	66.
Alternative B	59.4	55.8	48.7	46.4	48.6	53.4	58.4	63.2	67.9	68.6	69.6	67.0
Difference	-0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Percent Difference	-0.3%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.29
Below Normal (17%)												
No Action Alternative	59.5	56.1	48.9	45.5	48.0	53.9	59.0	63.2	68.1	68.3	70.5	68.0
Alternative B	59.5	56.1	48.9	45.5	47.9	54.0	59.0	63.0	68.0	68.9	70.1	67.8
Difference	0.1	0.0	0.0	0.1	0.0	0.1	0.0	-0.1	-0.1	0.6	-0.4	-0.2
Percent Difference	0.1%	0.1%	0.0%	0.1%	-0.1%	0.2%	0.0%	-0.2%	-0.1%	0.9%	-0.5%	-0.39
Dry (22%)												
No Action Alternative	61.3	56.0	48.4	45.7	49.5	54.7	60.3	65.9	70.1	69.9	70.4	68.2
Alternative B	60.9	56.1	48.7	45.7	49.4	54.7	60.4	65.7	70.1	70.3	70.3	68.2
Difference	-0.4	0.2	0.3	0.0	-0.2	0.0	0.1	-0.2	0.0	0.4	-0.1	0.0
Percent Difference	-0.6%	0.3%	0.6%	0.0%	-0.3%	0.0%	0.1%	-0.2%	0.0%	0.6%	-0.1%	0.09
Critical (15%)												
No Action Alternative	64.2	55.1	46.8	46.2	51.3	56.1	61.7	66.5	70.4	73.4	72.6	69.4
Alternative B	64.4	55.2	46.8	46.3	51.4	56.0	61.5	66.4	70.6	73.4	72.4	69.1
Difference	0.2	0.1	0.1	0.1	0.0	-0.1	-0.2	-0.1	0.2	-0.1	-0.1	-0.3
Percent Difference	0.4%	0.2%	0.1%	0.2%	0.1%	-0.2%	-0.3%	-0.1%	0.3%	-0.1%	-0.2%	-0.4



Figure SQ-20-5b American River at the Mouth, Monthly Temperature Probability of Exceedance

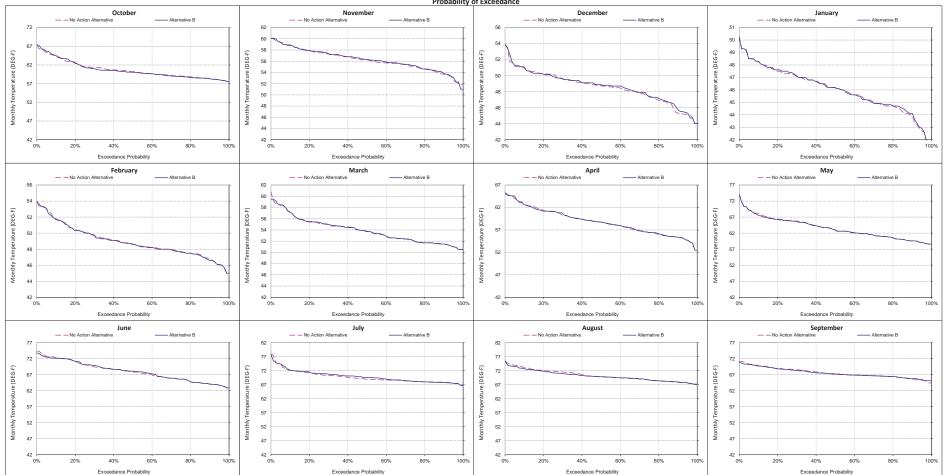


Table SQ-20-5b

American River at the Mouth, Monthly Temperature
Probability of Exceedance

December

January

November

October

Percent		October			Percent		November			Percent		December			Percent		January		
Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	67.3	67.4	0.1	0.1%	0.0%	60.1	60.1	0.0	0.0%	0.0%	53.9	53.9	0.0	0.0%	0.0%	50.3	50.2	-0.1	-0.2%
1.2%	66.3	67.2	0.9	1.4%	1.2%	60.0	60.1	0.1	0.2%	1.2%	53.4	53.5	0.1	0.2%	1.2%	49.3	49.3	0.0	0.0%
2.5%	66.3	66.3	0.0	0.0%	2.5%	59.7	60.0	0.3	0.5%	2.5%	51.7	52.6	0.9	1.7%	2.5%	49.3	49.3	0.0	0.0%
3.7%	65.8	66.2	0.4	0.6%	3.7%	59.6	59.5	-0.1	-0.2%	3.7%	51.7	51.7	0.0	0.0%	3.7%	49.1	49.2	0.1	0.2%
4.9%	65.4	65.7	0.3	0.5%	4.9%	59.3	59.4	0.1	0.2%	4.9%	51.2	51.3	0.1	0.2%	4.9%	48.5	48.5	0.0	0.0%
6.2%	65.0	65.6	0.6	0.9%	6.2%	59.3	59.0	-0.3	-0.5%	6.2%	51.1	51.3	0.2	0.4%	6.2%	48.5	48.5	0.0	0.0%
7.4%	64.8	65.0	0.2	0.3%	7.4%	59.0	59.0	0.0	0.0%	7.4%	51.1	51.2	0.1	0.2%	7.4%	48.4	48.5	0.1	0.2%
8.6%	64.6	64.7	0.1	0.2%	8.6%	58.8	58.9	0.1	0.2%	8.6%	51.0	51.1	0.1	0.2%	8.6%	48.3	48.3	0.0	0.0%
9.9%	64.5	64.6	0.1	0.2%	9.9%	58.8	58.9	0.1	0.2%	9.9%	51.0	51.1	0.1	0.2%	9.9%	48.3	48.3	0.0	0.0%
11.1%	64.4	64.0	-0.4	-0.6%	11.1%	58.6	58.8	0.2	0.3%	11.1%	50.6	50.6	0.0	0.0%	11.1%	48.1	48.1	0.0	0.0%
12.3%	63.7	63.9	0.2	0.3%	12.3%	58.5	58.5	0.0	0.0%	12.3%	50.6	50.6	0.0	0.0%	12.3%	48.0	48.0	0.0	0.0%
13.6%	63.7	63.7	0.0	0.0%	13.6%	58.4	58.4	0.0	0.0%	13.6%	50.5	50.4	-0.1	-0.2%	13.6%	48.0	47.9	-0.1	-0.2%
14.8%	63.1	63.7	0.6	1.0%	14.8%	58.3	58.2	-0.1	-0.2%	14.8%	50.5	50.3	-0.2	-0.4%	14.8%	47.9	47.8	-0.1	-0.2%
16.0%	62.9	63.6	0.7	1.1%	16.0%	58.2	58.1	-0.1	-0.2%	16.0%	50.4	50.3	-0.1	-0.2%	16.0%	47.8	47.8	0.0	0.0%
17.3%	62.9	63.1	0.2	0.3%	17.3%	58.1	58.0	-0.1	-0.2%	17.3%	50.3	50.3	0.0	0.0%	17.3%	47.8	47.7	-0.1	-0.2%
18.5%	62.9	62.9	0.0	0.0%	18.5%	58.0	57.9	-0.1	-0.2%	18.5%	50.3	50.3	0.0	0.0%	18.5%	47.6	47.6	0.0	0.0%
19.8%	62.8	62.5	-0.3	-0.5%	19.8%	58.0	57.9	-0.1	-0.2%	19.8%	50.2	50.2	0.0	0.0%	19.8%	47.5	47.6	0.1	0.2%
21.0%	62.3	62.3	0.0	0.0%	21.0%	57.8	57.8	0.0	0.0%	21.0%	50.2	50.1	-0.1	-0.2%	21.0%	47.5	47.6	0.1	0.2%
22.2%	62.1	62.0	-0.1	-0.2%	22.2%	57.7	57.8	0.1	0.2%	22.2%	50.2	50.1	-0.1	-0.2%	22.2%	47.4	47.5	0.1	0.2%
23.5%	61.7	61.6	-0.1	-0.2%	23.5%	57.5	57.7	0.2	0.3%	23.5%	50.2	50.1	-0.1	-0.2%	23.5%	47.3	47.5	0.2	0.4%
24.7%	61.6	61.4	-0.2	-0.3%	24.7%	57.5	57.7	0.2	0.3%	24.7%	50.1	49.9	-0.2	-0.4%	24.7%	47.3	47.5	0.2	0.4%
25.9%	61.6	61.2	-0.4	-0.6%	25.9%	57.5	57.7	0.2	0.3%	25.9%	50.1	49.8	-0.3	-0.6%	25.9%	47.3	47.4	0.1	0.2%
27.2%	61.4	61.2	-0.2	-0.3%	27.2%	57.5	57.6	0.1	0.2%	27.2%	49.7	49.7	0.0	0.0%	27.2%	47.3	47.4	0.1	0.2%
28.4%	61.4	61.1	-0.3	-0.5%	28.4%	57.4	57.6	0.2	0.3%	28.4%	49.7	49.7	0.0	0.0%	28.4%	47.2	47.3	0.1	0.2%
29.6%	61.3	61.0	-0.3	-0.5%	29.6%	57.3	57.4	0.1	0.2%	29.6%	49.7	49.6	-0.1	-0.2%	29.6%	47.2	47.1	-0.1	-0.2%
30.9%	61.3	60.9	-0.4	-0.7%	30.9%	57.2	57.2	0.0	0.0%	30.9%	49.5	49.5	0.0	0.0%	30.9%	47.0	47.0	0.0	0.0%
32.1%	61.3	60.7	-0.6	-1.0%	32.1%	57.1	57.2	0.1	0.2%	32.1%	49.4	49.5	0.1	0.2%	32.1%	47.0	47.0	0.0	0.0%
33.3%	61.2	60.6	-0.6	-1.0%	33.3%	57.1	57.2	0.1	0.2%	33.3%	49.4	49.5	0.1	0.2%	33.3%	46.9	47.0	0.1	0.2%
34.6%	61.1	60.6	-0.5	-0.8%	34.6%	57.1	57.2	0.1	0.2%	34.6%	49.4	49.4	0.0	0.0%	34.6%	46.8	47.0	0.2	0.4%
35.8%	60.9	60.6	-0.3	-0.5%	35.8%	56.9	57.1	0.2	0.4%	35.8%	49.4	49.4	0.0	0.0%	35.8%	46.8	46.8	0.0	0.0%
37.0%	60.8	60.5	-0.3	-0.5%	37.0%	56.9	57.0	0.1	0.2%	37.0%	49.2	49.4	0.2	0.4%	37.0%	46.8	46.8	0.0	0.0%
38.3%	60.8	60.5	-0.3	-0.5%	38.3%	56.9	56.8	-0.1	-0.2%	38.3%	49.2	49.4	0.2	0.4%	38.3%	46.8	46.8	0.0	0.0%
39.5%	60.7	60.5	-0.2	-0.3%	39.5%	56.8	56.8	0.0	0.0%	39.5%	49.1	49.2	0.1	0.2%	39.5%	46.7	46.7	0.0	0.0%
40.7%	60.7	60.5	-0.2	-0.3%	40.7%	56.7	56.8	0.1	0.2%	40.7%	49.1	49.1	0.0	0.0%	40.7%	46.6	46.7	0.1	0.2%
42.0%	60.6	60.4	-0.2	-0.3%	42.0%	56.6	56.8	0.2	0.4%	42.0%	49.0	49.1	0.1	0.2%	42.0%	46.5	46.5	0.0	0.0%
43.2%	60.6	60.3	-0.3	-0.5%	43.2%	56.5	56.7	0.2	0.4%	43.2%	49.0	49.1	0.1	0.2%	43.2%	46.5	46.5	0.0	0.0%
44.4%	60.5	60.3	-0.2	-0.3%	44.4%	56.5	56.6	0.1	0.2%	44.4%	48.9	49.1	0.2	0.4%	44.4%	46.5	46.4	-0.1	-0.2%
45.7%	60.5	60.2	-0.3	-0.5%	45.7%	56.4	56.6	0.2	0.4%	45.7%	48.9	49.1	0.2	0.4%	45.7%	46.3	46.2	-0.1	-0.2%
46.9%	60.4	60.1	-0.3	-0.5%	46.9%	56.3	56.4	0.1	0.2%	46.9%	48.8	48.9	0.1	0.2%	46.9%	46.2	46.2	0.0	0.0%
48.1%	60.3	60.1	-0.2	-0.3%	48.1%	56.3	56.4	0.1	0.2%	48.1%	48.8	48.9	0.1	0.2%	48.1%	46.2	46.2	0.0	0.0%
49.4%	60.3	60.1	-0.2	-0.3%	49.4%	56.3	56.3	0.0	0.0%	49.4%	48.8	48.9	0.1	0.2%	49.4%	46.2	46.2	0.0	0.0%
50.6%	60.3	60.0	-0.3	-0.5%	50.6%	56.2	56.3	0.1	0.2%	50.6%	48.7	48.8	0.1	0.2%	50.6%	46.2	46.1	-0.1	-0.2%
51.9%	60.2	60.0	-0.2	-0.3%	51.9%	56.1	56.2	0.1	0.2%	51.9%	48.7	48.8	0.1	0.2%	51.9%	46.1	46.1	0.0	0.0%
53.1%	60.0	59.9	-0.1	-0.2%	53.1%	55.9	56.2	0.3	0.5%	53.1%	48.7	48.8	0.1	0.2%	53.1%	46.0	46.0	0.0	0.0%
54.3%	59.9	59.8	-0.1	-0.2%	54.3%	55.9	56.1	0.2	0.4%	54.3%	48.6	48.8	0.2	0.4%	54.3%	46.0	46.0	0.0	0.0%
55.6%	59.9	59.8	-0.1	-0.2%	55.6%	55.8	56.1	0.3	0.5%	55.6%	48.6	48.7	0.1	0.2%	55.6%	45.9	45.8	-0.1	-0.2%
56.8%	59.8	59.7	-0.1	-0.2%	56.8%	55.8	56.1	0.3	0.5%	56.8%	48.5	48.7	0.2	0.4%	56.8%	45.8	45.7	-0.1	-0.2%
58.0%	59.7	59.7	0.0	0.0%	58.0%	55.8	56.0	0.2	0.4%	58.0%	48.5	48.7	0.2	0.4%	58.0%	45.7	45.6	-0.1	-0.2%
59.3%	59.6	59.7	0.1	0.2%	59.3%	55.7	55.9	0.2	0.4%	59.3%	48.5	48.7	0.2	0.4%	59.3%	45.6	45.6	0.0	0.0%
60.5%	59.5	59.6	0.1	0.2%	60.5%	55.7	55.8	0.1	0.2%	60.5%	48.4	48.7	0.3	0.6%	60.5%	45.6	45.6	0.0	0.0%
61.7%	59.5	59.5	0.0	0.0%	61.7%	55.6	55.8	0.2	0.4%	61.7%	48.2	48.5	0.3	0.6%	61.7%	45.6	45.5	-0.1	-0.2%
63.0%	59.5	59.5	0.0	0.0%	63.0%	55.6	55.8	0.2	0.4%	63.0%	48.2	48.4	0.2	0.4%	63.0%	45.6	45.5	-0.1	-0.2%
64.2%	59.5	59.5	0.0	0.0%	64.2%	55.6	55.7	0.1	0.2%	64.2%	48.1	48.3	0.2	0.4%	64.2%	45.4	45.2	-0.2	-0.4%
65.4%	59.5	59.3	-0.2	-0.3%	65.4%	55.6	55.7	0.1	0.2%	65.4%	48.1	48.2	0.1	0.2%	65.4%	45.2	45.2	0.0	0.0%
66.7%	59.4	59.2	-0.2	-0.3%	66.7%	55.5	55.6	0.1	0.2%	66.7%	48.1	48.1	0.0	0.0%	66.7%	45.2	45.2	0.0	0.0%
67.9%	59.3	59.1	-0.2	-0.3%	67.9%	55.5	55.5	0.0	0.0%	67.9%	48.0	48.0	0.0	0.0%	67.9%	45.2	45.1	-0.1	-0.2%
69.1%	59.3	59.1	-0.2	-0.3%	69.1%	55.5	55.4	-0.1	-0.2%	69.1%	48.0	47.9	-0.1	-0.2%	69.1%	45.1	45.0	-0.1	-0.2%
70.4%	59.2	59.0	-0.2	-0.3%	70.4%	55.4	55.4	0.0	0.0%	70.4%	47.8	47.9	0.1	0.2%	70.4%	45.0	44.9	-0.1	-0.2%
71.6%	59.1	59.0	-0.1	-0.2%	71.6%	55.2	55.4	0.2	0.4%	71.6%	47.8	47.9	0.1	0.2%	71.6%	44.9	44.9	0.0	0.0%
72.8%	59.1	58.9	-0.2	-0.3%	72.8%	55.1	55.3	0.2	0.4%	72.8%	47.6	47.9	0.3	0.6%	72.8%	44.9	44.9	0.0	0.0%
74.1%	59.1	58.9	-0.2	-0.3%	74.1%	55.1	55.2	0.1	0.2%	74.1%	47.5	47.5	0.0	0.0%	74.1%	44.8	44.9	0.1	0.2%
75.3%	59.0	58.9	-0.1	-0.2%	75.3%	55.0	55.2	0.2	0.4%	75.3%	47.3	47.4	0.1	0.2%	75.3%	44.8	44.8	0.0	0.0%
76.5%	59.0	58.8	-0.2	-0.3%	76.5%	54.9	55.0	0.1	0.2%	76.5%	47.3	47.3	0.0	0.0%	76.5%	44.7	44.8	0.1	0.2%
77.8%	58.9	58.8	-0.1	-0.2%	77.8%	54.7	54.8	0.1	0.2%	77.8%	47.3	47.3	0.0	0.0%	77.8%	44.7	44.8	0.1	0.2%
79.0%	58.9	58.7	-0.2	-0.3%	79.0%	54.7	54.6	-0.1	-0.2%	79.0%	47.0	47.3	0.3	0.6%	79.0%	44.7	44.8	0.1	0.2%
80.2%	58.8	58.6	-0.2	-0.3%	80.2%	54.6	54.6	0.0	0.0%	80.2%	46.9	47.1	0.2	0.4%	80.2%	44.7	44.7	0.0	0.0%
81.5%	58.7	58.6	-0.1	-0.2%	81.5%	54.5	54.6	0.1	0.2%	81.5%	46.8	47.0	0.2	0.4%	81.5%	44.6	44.7	0.1	0.2%
82.7%	58.7	58.5	-0.2	-0.3%	82.7%	54.5	54.5	0.0	0.0%	82.7%	46.8	46.9	0.1	0.2%	82.7%	44.6	44.7	0.1	0.2%
84.0%	58.6	58.5	-0.1	-0.2%	84.0%	54.4	54.4	0.0	0.0%	84.0%	46.7	46.8	0.1	0.2%	84.0%	44.4	44.6	0.2	0.5%
85.2%	58.5	58.5	0.0	0.0%	85.2%	54.2	54.4	0.2	0.4%	85.2%	46.5	46.7	0.2	0.4%	85.2%	44.2	44.5	0.3	0.7%
86.4%	58.5	58.5	0.0	0.0%	86.4%	54.0	54.2	0.2	0.4%	86.4%	46.5	46.6	0.1	0.2%	86.4%	44.1	44.4	0.3	0.7%
87.7%	58.5	58.4	-0.1	-0.2%	87.7%	54.0	54.2	0.2	0.4%	87.7%	45.9	46.5	0.6	1.3%	87.7%	44.1	44.2	0.1	0.2%
88.9%	58.4	58.4	0.0	0.0%	88.9%	53.7	54.1	0.4	0.7%	88.9%	45.4	46.1	0.7	1.5%	88.9%	44.0	44.1	0.1	0.2%
90.1%	58.3	58.3	0.0	0.0%	90.1%	53.7	53.8	0.1	0.2%	90.1%	45.3	45.7	0.4	0.9%	90.1%	43.9	44.1	0.2	0.5%
91.4%	58.2	58.2	0.0	0.0%	91.4%	53.5	53.7	0.2	0.4%	91.4%	45.3	45.5	0.2	0.4%	91.4%	43.3	43.6	0.3	0.7%
92.6%	58.2	58.1	-0.1	-0.2%	92.6%	53.4	53.6	0.2	0.4%	92.6%	45.2	45.5	0.3	0.7%	92.6%	43.2	43.3	0.1	0.2%
93.8%	58.1	58.1	0.0	0.0%	93.8%	53.3	53.3	0.0	0.0%	93.8%	45.2	45.4	0.2	0.4%	93.8%	42.9	43.0	0.1	0.2%
95.1%	58.0	58.0	0.0	0.0%	95.1%	52.6	53.1	0.5	1.0%	95.1%	45.1	45.3	0.2	0.4%	95.1%	42.7	42.9	0.2	0.5%
96.3%	57.9	57.9	0.0	0.0%	96.3%	52.3	52.3	0.0	0.0%	96.3%	45.1	44.7	-0.4	-0.9%	96.3%	42.6	42.6	0.0	0.0%
97.5%	57.8	57.8	0.0	0.0%	97.5%	52.0	52.3	0.3	0.6%	97.5%	44.8	44.7	-0.1	-0.2%	97.5%	41.8	41.8	0.0	0.0%
98.8%	57.8	57.6	-0.2	-0.3%	98.8%	51.8	51.0	-0.8	-1.5%	98.8%	44.0	44.0	0.0	0.0%	98.8%	41.4	41.4	0.0	0.0%
100.0%	57.8	57.6	-0.2	-0.3%	100.0%	51.8	51.0	-0.8	-1.5%	100.0%	44.0	44.0	0.0	0.0%	100.0%	41.4	41.4	0.0	0.0%

Table SQ-20-5b

American River at the Mouth, Monthly Temperature
Probability of Exceedance

March

February

Percent		rebluary			Percent		March			Percent		Aprii			Percent		iviay		
Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	53.8	54.0	0.2	0.4%	0.0%	60.8	59.5	-1.3	-2.1%	0.0%	65.1	65.3	0.2	0.3%	0.0%	74.1	74.0	-0.1	-0.1%
1.2%	53.4	53.6	0.2	0.4%	1.2%	59.2	59.5	0.3	0.5%	1.2%	64.7	64.9	0.2	0.3%	1.2%	71.8	71.8	0.0	0.0%
2.5%	53.3	53.3	0.0	0.0%	2.5%	58.7	59.2	0.5	0.9%	2.5%	64.7	64.6	-0.1	-0.2%	2.5%	70.3	70.3	0.0	0.0%
3.7%	53.2	53.3	0.1	0.2%	3.7%	58.6	58.6	0.0	0.0%	3.7%	64.6	64.6	0.0	0.0%	3.7%	70.0	70.2	0.2	0.3%
4.9%	53.1	53.1	0.0	0.0%	4.9%	58.4	58.5	0.1	0.2%	4.9%	64.6	64.1	-0.5	-0.8%	4.9%	69.2	69.2	0.0	0.0%
6.2%	52.7	52.4	-0.3	-0.6%	6.2%	58.4	58.4	0.0	0.0%	6.2%	63.7	63.7	0.0	0.0%	6.2%	69.0	69.0	0.0	0.0%
7.4%	52.5	52.2	-0.3	-0.6%	7.4%	58.0	58.1	0.1	0.2%	7.4%	63.4	63.1	-0.3	-0.5%	7.4%	68.3	68.3	0.0	0.0%
8.6%	51.9	51.9	0.0	0.0%	8.6%	57.5	57.4	-0.1	-0.2%	8.6%	63.3	63.1	-0.2	-0.3%	8.6%	68.2	68.0	-0.2	-0.3%
9.9%	51.8	51.7	-0.1	-0.2%	9.9%	57.1	57.2	0.1	0.2%	9.9%	62.7	62.6	-0.1	-0.2%	9.9%	68.2	67.6	-0.6	-0.9%
11.1%	51.7	51.6	-0.1	-0.2%	11.1%	56.9	56.9	0.0	0.0%	11.1%	62.5	62.5	0.0	0.0%	11.1%	67.9	67.4	-0.5	-0.7%
12.3%	51.5	51.6	0.1	0.2%	12.3%	56.4	56.4	0.0	0.0%	12.3%	62.4	62.3	-0.1	-0.2%	12.3%	67.5	67.1	-0.4	-0.6%
13.6%	51.4	51.4	0.0	0.0%	13.6%	56.1	56.1	0.0	0.0%	13.6%	62.3	62.2	-0.1	-0.2%	13.6%	67.2	66.9	-0.3	-0.4%
14.8%	51.3	51.1	-0.2	-0.4%	14.8%	56.0	55.9	-0.1	-0.2%	14.8%	62.2	61.9	-0.3	-0.5%	14.8%	67.1	66.8	-0.3	-0.4%
16.0%	50.8	51.0	0.2	0.4%	16.0%	55.9	55.8	-0.1	-0.2%	16.0%	62.0	61.6	-0.4	-0.6%	16.0%	66.8	66.5	-0.3	-0.4%
17.3%	50.7	50.7	0.0	0.0%	17.3%	55.8	55.7	-0.1	-0.2%	17.3%	61.7	61.5	-0.2	-0.3%	17.3%	66.5	66.5	0.0	0.0%
18.5%	50.6	50.6	0.0	0.0%	18.5%	55.7	55.5	-0.2	-0.4%	18.5%	61.6	61.4	-0.2	-0.3%	18.5%	66.5	66.3	-0.2	-0.3%
19.8%	50.6	50.3	-0.3	-0.6%	19.8%	55.4	55.5	0.1	0.2%	19.8%	61.4	61.2	-0.2	-0.3%	19.8%	66.4	66.2	-0.2	-0.3%
21.0%	50.3	50.3	0.0	0.0%	21.0%	55.4	55.5	0.1	0.2%	21.0%	61.2	61.2	0.0	0.0%	21.0%	66.4	66.1	-0.3	-0.5%
22.2%	50.3	50.3	0.0	0.0%	22.2%	55.4	55.4	0.0	0.0%	22.2%	61.2	61.2	0.0	0.0%	22.2%	66.2	66.1	-0.1	-0.2%
23.5%	50.1	50.2	0.1	0.2%	23.5%	55.4	55.4	0.0	0.0%	23.5%	61.1	61.2	0.1	0.2%	23.5%	66.2	65.9	-0.3	-0.5%
24.7%	50.0	50.1	0.1	0.2%	24.7%	55.2	55.4	0.2	0.4%	24.7%	61.1	61.1	0.0	0.0%	24.7%	66.0	65.9	-0.1	-0.2%
25.9%	50.0	50.0	0.0	0.0%	25.9%	55.1	55.3	0.2	0.4%	25.9%	61.1	61.1	0.0	0.0%	25.9%	65.9	65.8	-0.1	-0.2%
27.2%	49.9	50.0	0.1	0.2%	27.2%	55.1	55.1	0.0	0.0%	27.2%	60.9	60.9	0.0	0.0%	27.2%	65.9	65.8	-0.1	-0.2%
28.4%	49.8	49.8	0.0	0.0%	28.4%	55.0	55.1	0.1	0.2%	28.4%	60.7	60.8	0.1	0.2%	28.4%	65.8	65.7	-0.1	-0.2%
29.6%	49.7	49.8	0.1	0.2%	29.6%	55.0	55.0	0.0	0.0%	29.6%	60.3	60.8	0.5	0.8%	29.6%	65.8	65.7	-0.1	-0.2%
30.9%	49.6	49.4	-0.2	-0.4%	30.9%	54.7	54.9	0.2	0.4%	30.9%	60.2	60.3	0.1	0.2%	30.9%	65.7	65.4	-0.3	-0.5%
32.1%	49.6	49.4	-0.2	-0.4%	32.1%	54.7	54.8	0.1	0.2%	32.1%	60.2	60.2	0.0	0.0%	32.1%	65.6	65.3	-0.3	-0.5%
33.3%	49.4	49.3	-0.1	-0.2%	33.3%	54.7	54.8	0.1	0.2%	33.3%	59.9	59.9	0.0	0.0%	33.3%	65.4	65.3	-0.1	-0.2%
34.6%	49.4	49.3	-0.1	-0.2%	34.6%	54.7	54.7	0.0	0.0%	34.6%	59.8	59.8	0.0	0.0%	34.6%	65.3	65.2	-0.1	-0.2%
35.8%	49.3	49.3	0.0	0.0%	35.8%	54.7	54.7	0.0	0.0%	35.8%	59.7	59.7	0.0	0.0%	35.8%	64.9	64.9	0.0	0.0%
37.0%	49.3	49.2	-0.1	-0.2%	37.0%	54.6	54.6	0.0	0.0%	37.0%	59.6	59.5	-0.1	-0.2%	37.0%	64.7	64.6	-0.1	-0.2%
38.3%	49.2	49.1	-0.1	-0.2%	38.3%	54.6	54.5	-0.1	-0.2%	38.3%	59.6	59.5	-0.1	-0.2%	38.3%	64.6	64.4	-0.2	-0.3%
39.5%	49.1	49.1	0.0	0.0%	39.5%	54.6	54.4	-0.2	-0.4%	39.5%	59.5	59.4	-0.1	-0.2%	39.5%	64.4	64.3	-0.1	-0.2%
40.7%	49.1	49.1	0.0	0.0%	40.7%	54.5	54.4	-0.1	-0.2%	40.7%	59.3	59.3	0.0	0.0%	40.7%	64.1	64.2	0.1	0.2%
42.0%	49.1	49.0	-0.1	-0.2%	42.0%	54.4	54.4	0.0	0.0%	42.0%	59.2	59.2	0.0	0.0%	42.0%	64.0	64.0	0.0	0.0%
43.2%	49.0	48.9	-0.1	-0.2%	43.2%	54.3	54.4	0.1	0.2%	43.2%	59.1	59.1	0.0	0.0%	43.2%	63.8	63.8	0.0	0.0%
44.4%	48.8	48.8	0.0	0.0%	44.4%	54.0	54.1	0.1	0.2%	44.4%	59.1	59.1	0.0	0.0%	44.4%	63.8	63.7	-0.1	-0.2%
45.7%	48.8	48.8	0.0	0.0%	45.7%	54.0	54.0	0.0	0.0%	45.7%	59.0	58.9	-0.1	-0.2%	45.7%	63.7	63.7	0.0	0.0%
46.9%	48.7	48.8	0.1	0.2%	46.9%	53.9	53.9	0.0	0.0%	46.9%	58.9	58.9	0.0	0.0%	46.9%	63.6	63.6	0.0	0.0%
48.1%	48.7	48.7	0.0	0.0%	48.1%	53.9	53.9	0.0	0.0%	48.1%	58.8	58.8	0.0	0.0%	48.1%	63.4	63.3	-0.1	-0.2%
49.4%	48.6	48.7	0.1	0.2%	49.4%	53.7	53.8	0.1	0.2%	49.4%	58.8	58.8	0.0	0.0%	49.4%	63.3	63.1	-0.2	-0.3%
50.6%	48.6	48.6	0.0	0.0%	50.6%	53.7	53.7	0.0	0.0%	50.6%	58.7	58.7	0.0	0.0%	50.6%	62.6	62.7	0.1	0.2%
51.9%	48.5	48.5	0.0	0.0%	51.9%	53.7	53.7	0.0	0.0%	51.9%	58.6	58.6	0.0	0.0%	51.9%	62.6	62.6	0.0	0.0%
53.1%	48.4	48.4	0.0	0.0%	53.1%	53.5	53.4	-0.1	-0.2%	53.1%	58.5	58.4	-0.1	-0.2%	53.1%	62.6	62.6	0.0	0.0%
54.3%	48.4	48.3	-0.1	-0.2%	54.3%	53.3	53.4	0.1	0.2%	54.3%	58.4	58.3	-0.1	-0.2%	54.3%	62.6	62.6	0.0	0.0%
55.6%	48.3	48.3	0.0	0.0%	55.6%	53.3	53.4	0.1	0.2%	55.6%	58.3	58.2	-0.1	-0.2%	55.6%	62.6	62.6	0.0	0.0%
56.8%	48.3	48.3	0.0	0.0%	56.8%	53.2	53.3	0.1	0.2%	56.8%	58.1	58.2	0.1	0.2%	56.8%	62.5	62.5	0.0	0.0%
58.0%	48.3	48.2	-0.1	-0.2%	58.0%	53.2	53.2	0.0	0.0%	58.0%	58.1	58.1	0.0	0.0%	58.0%	62.1	62.3	0.2	0.3%
59.3%	48.2	48.2	0.0	0.0%	59.3%	53.0	53.0	0.0	0.0%	59.3%	58.0	58.0	0.0	0.0%	59.3%	62.1	62.2	0.1	0.2%
60.5%	48.2	48.2	0.0	0.0%	60.5%	52.7	52.8	0.1	0.2%	60.5%	57.9	57.9	0.0	0.0%	60.5%	62.0	62.0	0.0	0.0%
61.7%	48.2	48.1	-0.1	-0.2%	61.7%	52.6	52.6	0.0	0.0%	61.7%	57.7	57.7	0.0	0.0%	61.7%	62.0	62.0	0.0	0.0%
63.0%	48.1	48.0	-0.1	-0.2%	63.0%	52.6	52.6	0.0	0.0%	63.0%	57.7	57.6	-0.1	-0.2%	63.0%	61.9	61.9	0.0	0.0%
64.2%	48.1	48.0	-0.1	-0.2%	64.2%	52.6	52.6	0.0	0.0%	64.2%	57.7	57.6	-0.1	-0.2%	64.2%	61.8	61.8	0.0	0.0%
65.4%	48.0	48.0	0.0	0.0%	65.4%	52.5	52.5	0.0	0.0%	65.4%	57.2	57.5	0.3	0.5%	65.4%	61.8	61.8	0.0	0.0%
66.7%	48.0	48.0	0.0	0.0%	66.7%	52.5	52.5	0.0	0.0%	66.7%	57.1	57.3	0.2	0.4%	66.7%	61.8	61.8	0.0	0.0%
67.9%	48.0	48.0	0.0	0.0%	67.9%	52.5	52.5	0.0	0.0%	67.9%	57.1	57.1	0.0	0.0%	67.9%	61.5	61.5	0.0	0.0%
69.1%	48.0	48.0	0.0	0.0%	69.1%	52.4	52.4	0.0	0.0%	69.1%	57.1	56.8	-0.3	-0.5%	69.1%	61.5	61.5	0.0	0.0%
70.4%	48.0	47.9	-0.1	-0.2%	70.4%	52.4	52.4	0.0	0.0%	70.4%	56.8	56.8	0.0	0.0%	70.4%	61.2	61.2	0.0	0.0%
71.6%	47.9	47.8	-0.1	-0.2%	71.6%	52.4	52.3	-0.1	-0.2%	71.6%	56.8	56.6	-0.2	-0.4%	71.6%	61.1	61.1	0.0	0.0%
72.8%	47.8	47.7	-0.1	-0.2%	72.8%	52.3	52.3	0.0	0.0%	72.8%	56.6	56.6	0.0	0.0%	72.8%	61.1	61.1	0.0	0.0%
74.1%	47.7	47.7	0.0	0.0%	74.1%	52.1	52.1	0.0	0.0%	74.1%	56.5	56.5	0.0	0.0%	74.1%	61.0	61.0	0.0	0.0%
75.3%	47.7	47.6	-0.1	-0.2%	75.3%	51.9	51.9	0.0	0.0%	75.3%	56.4	56.4	0.0	0.0%	75.3%	61.0	60.9	-0.1	-0.2%
76.5%	47.6	47.6	0.0	0.0%	76.5%	51.8	51.8	0.0	0.0%	76.5%	56.4	56.4	0.0	0.0%	76.5%	60.9	60.9	0.0	0.0%
77.8%	47.6	47.5	-0.1	-0.2%	77.8%	51.8	51.8	0.0	0.0%	77.8%	56.3	56.4	0.1	0.2%	77.8%	60.8	60.8	0.0	0.0%
79.0%	47.5	47.5	0.0	0.0%	79.0%	51.7	51.7	0.0	0.0%	79.0%	56.1	56.3	0.2	0.4%	79.0%	60.7	60.7	0.0	0.0%
80.2%	47.5	47.5	0.0	0.0%	80.2%	51.7	51.7	0.0	0.0%	80.2%	56.1	56.1	0.0	0.0%	80.2%	60.5	60.5	0.0	0.0%
81.5%	47.4	47.4	0.0	0.0%	81.5%	51.7	51.7	0.0	0.0%	81.5%	55.8	56.0	0.2	0.4%	81.5%	60.2	60.2	0.0	0.0%
82.7%	47.4	47.4	0.0	0.0%	82.7%	51.7	51.7	0.0	0.0%	82.7%	55.7	55.8	0.1	0.2%	82.7%	60.2	60.2	0.0	0.0%
84.0%	47.4	47.3 47.2	-0.1 -0.1	-0.2%	84.0%	51.7	51.7	0.0	0.0%	84.0%	55.7	55.7	0.0	0.0%	84.0%	60.1	60.1	0.0	0.0%
85.2%	47.3	47.2 47.0		-0.2%	85.2%	51.6	51.6	0.0	0.0%	85.2%	55.6	55.6	0.0	0.0%	85.2%	60.1 59.9	60.1	0.0	0.0%
86.4%	47.1	47.0 46.9	-0.1	-0.2%	86.4%	51.6	51.6 51.5	0.0	0.0%	86.4%	55.5	55.5 55.5	0.0	0.0%	86.4%	59.9 59.7	59.9 59.7	0.0	0.0%
87.7%	46.9		0.0	0.0%	87.7%	51.6		-0.1	-0.2%	87.7%	55.5		0.0		87.7%			0.0	0.0%
88.9%	46.9	46.7 46.6	-0.2	-0.4%	88.9%	51.5	51.5 51.5	0.0	0.0%	88.9%	55.4	55.4 55.4	0.0	0.0%	88.9%	59.6 59.6	59.6 59.6	0.0	0.0%
90.1%	46.7		-0.1	-0.2%	90.1%	51.5		0.0	0.0%	90.1%	55.4		0.0	0.0%	90.1%			0.0	0.0%
91.4% 92.6%	46.6 46.4	46.6 46.4	0.0	0.0%	91.4% 92.6%	51.4 51.3	51.4 51.3	0.0	0.0%	91.4% 92.6%	55.3 55.2	55.3 55.2	0.0	0.0%	91.4% 92.6%	59.6 59.5	59.6 59.5	0.0	0.0%
		46.4 46.1				51.3 51.1			0.0%		55.2 54.8	55.2 54.8						0.0	0.0%
93.8% 95.1%	46.1 46.0	46.1 46.1	0.0	0.0%	93.8% 95.1%	51.1 51.0	51.1 51.0	0.0	0.0%	93.8% 95.1%	54.8 54.7	54.8 54.7	0.0	0.0%	93.8% 95.1%	59.2 59.1	59.2 59.1	0.0	0.0%
	46.0 46.0		0.1	0.2%		51.0 50.9	51.0 50.9	0.0			54.7 54.3	54.7 54.3	0.0	0.0%		59.1 58.9	59.1 58.9		
96.3% 97.5%	46.0 45.7	46.0 45.7	0.0	0.0%	96.3% 97.5%	50.9	50.9	0.0	0.0%	96.3% 97.5%	54.3 54.1	54.3 54.1	0.0	0.0%	96.3% 97.5%	58.9 58.7	58.9	0.0	0.0%
97.5%	45.7	45.7	0.0	0.0%	97.5%	50.5 50.5	50.5	0.0	0.0%	97.5%	54.1 52.5	54.1	0.0	0.0%	97.5%	58.6	58.6	0.0	0.0%
100.0%	45.0 45.0	45.0 45.0	0.0	0.0%	100.0%	50.5	50.5	0.0	0.0%	100.0%	52.5 52.5	52.5	0.0	0.0%	100.0%	58.6	58.6	0.0	0.0%
100.0%	40.0	40.0	0.0	0.076	100.0%	30.3	50.5	0.0	0.076	100.0%	32.3	32.3	0.0	0.076	100.0%	30.0	30.0	0.0	0.076

Table SQ-20-5b

American River at the Mouth, Monthly Temperature Probability of Exceedance

August

September

Percent Percent Percent Percent No Action Alternative Alternative B Absolute Relative Exceedance Relative Relative Relative Exceedance Difference Difference Difference Difference Monthly Temperature Difference (%) Difference (%) Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) (DEG-F) 0.0% 73.8 -0.5 0.0% 78.0 -0.4% 0.0% 75.4 -0.1% 70.9 -0.4% 1.2% 74.3 73.6 -0.7 -0.9% 1.2% 77.5 75.6 -1.9 -2.5% 1.2% 74.7 73.9 -0.8 -1.1% 1.2% 71.1 70.6 -0.5 -0.7% 2.5% 73.6 -0.8% 2.5% 74.9 74.9 0.0% 2.5% 74.4 73.7 -0.9% 2.5% 70.9 70.3 -0.6 -0.8% 3.7% 3.7% 73.1 72.7 -0.4 -0.5% 3.7% 74.5 74.5 0.0 0.0% 3.7% 74.1 73.6 -0.5 -0.7% 70.6 70.3 -0.3 -0.4% 4.9% 72.8 72.5 -0.3 -0.4% 4.9% 74.5 74.4 -0.1 -0.1% 4.9% 73.9 73.5 -0.4 -0.5% 4.9% 70.3 70.2 -0.1 -0.1% 6.2% 6.2% 6.2% 6.2% 72.7 72.4 -0.3 -0.4% 73.1 73.8 0.7 1.0% 73.8 73.4 -0.4 -0.5% 70.2 70.1 -0.1 -0.1% 7.4% 72.7 72.6 72.2 72.2 -0.7% -0.6% 7.4% 73.4 0.5 -0.3 0.7% 7.4% 73.6 72.9 -0.7 -0.6 -1.0% 7.4% -0.1 -0.2 8.6% 8.6% 8.6% 8.6 · . 9.9% 11.1% 12.3% 8.6% -0.4 72.7 724 -0.4% 73.5 72 9 -0.8% 70.0 69.8 -0.3% 9.9% 0.0% -0.4% 11.1% 12.3% 72.2 72.1 72.1 -0.1 -0.1% 11.1% 72.1 72.1 0.0 0.0% 11.1% 73.0 72.5 -0.5 -0.7% 69.7 69.7 0.0 0.0% 13.6% 13.6% 13.6% 0.1% -0.1 -0.2 72.0 72 1 0.1 0.1% 71.8 71 9 0.1 72.5 724 -0.1 -0.1% 69.6 69.5 -0.1% 72.4 16.0% 16.0% 16.0% 16.0% 71.9 71.9 0.0 0.0% 71.6 71.7 0.1 0.1% 72.2 72.1 -0.1 -0.1% 69.1 69.2 0.1 0.1% 18.5% 18.5% 71.7 0.4% 18.5% 18.5% 0.0% 71.5 71.5 0.0 0.0% 71.4 0.3 72.2 71.9 -0.3 -0.4% 69.0 69.0 0.0 19.8% 21.0% 71.2 71.1 -0.1 0.2 -0.1% 0.3% 71.3 71.1 71.6 71.2 19.8% 21.0% -0.1 -0.4 19.8% 21.0% -0.2 -0.2 21.0% 70.9 0.1 0.1% 72.0 71.6 -0.6% 69.0 68.8 -0.3% 22.2% 23.5% 0.7% 22.2% 23.5% 71.1 71.1 22.2% 23.5% -0.3 -0.4 -0.4% 22.2% 23.5% 68.9 -0.3% -0.2 0.0 70.3 71.9 0.1 71.5 70.2 70.7 0.4 0.6% -0.6% 68.7 68.7 0.0% 24.7% 25.9% 70.1 70.0 0.0% 24.7% 25.9% 24.7% 25.9% -1.0% -0.8% 24.7% 25.9% 0.0 71.0 0.6% 71.9 71.2 71.2 -0.7 -0.6 68.7 68.6 -0.1 -0.1 0.3 0.4% 71.8 68.7 -0.1% 70.1 70.9 68.6 70.6 27.2% 28.4% 27.2% 28.4% 27.2% 28.4% 69.9 0.3% 27.2% 70.9 0.7% -0.6 -0.8% 68.7 68.4 -0.3 70.0 0.3 0.4% 28.4% 70.9 0.6 0.9% 71.6 71.1 -0.5 -0.7% 68.6 -0.2 -0.3% 69.7 70.3 68.4 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% -0.8% 29.6% 30.9% 69.5 69.3 0.4 0.6% 70.8 70.7 0.6 -0.6 -0.6 68.3 68.2 -0.2 -0.3 -0.3% -0.4% 0.7% 71.4 32.1% 69.3 0.3 0.4% 32.1% 70.2 70.6 0.4 0.6% 32.1% 71.4 70.8 -0.6 -0.8% 32.1% 68.4 68.2 -0.2 -0.3% 33.3% 69.3 0.0 0.0% 33.3% 70.6 0.6% 33.3% 71.3 70.7 -0.6 -0.8% 33.3% 68.4 68.2 -0.2 -0.3% 34.6% 69.1 -0.1 -0.1% 34.6% 70.1 70.5 0.6% 34.6% 71.3 70.7 -0.6 -0.8% 34.6% 68.3 68.1 -0.2 -0.3% 35.8% 0.0% 35.8% 35.8% -0.5 -0.7% 35.8% 70.4 0.7% 71.1 68.1 -0.2 -0.3% 37.0% 69.0 -0.1 -0.1% 37.0% 69.8 70.2 0.4 0.6% 37.0% 70.6 -0.4 -0.6% 37.0% 68.0 67.8 -0.2-0.3%38.3% -0.1% 38.3% 70.2 38.3% -0.5 -0.7% 38.3% 67.7 70.9 68.0 -0.3 -0.4% 39.5% 68.7 0.0 0.0% 39.5% 69.7 70.1 0.6% 39.5% 70.7 70.3 -0.4 -0.6% 39.5% 67.9 67.6 -0.3 -0.4% 40.7% 68.6 68.7 0.1 0.1% 40.7% 69.5 70.1 0.9% 40.7% 70.5 -0.2 -0.3% 40.7% 67.8 67.5 -0.3 -0.4% 42.0% 68.6 68.6 0.0 0.0% 42.0% 69.4 70.1 1.0% 42.0% 70.1 70.1 0.0 0.0% 42.0% 67.7 67.5 -0.2-0.3%43.2% 68.6 68.6 0.0 0.0% 43.2% 69.4 70.1 0.7 1.0% 43.2% 70.1 70.1 0.0 0.0% 43.2% 67.6 67.5 -0.1 -0.1% 44.4% 68.3 68.3 0.0% 44.4% 69.3 69.9 0.6 0.9% 44.4% 70.1 70.0 -0.1 -0.1% 44.4% 67.5 67.5 0.0 0.0% 45.7% 45.7% 45.7% 68.1 68.3 0.2 0.3% 69.3 69.8 0.5 0.7% 70.0 70.0 0.0 0.0% 45.7% 67.4 67.4 0.0 0.0% 46.9% 68.1 68.2 0.1% 46.9% 69.3 69.8 0.7% 46.9% 70.0 70.0 0.0 0.0% 46.9% 67.3 67.3 0.0 0.0% 48.1% 49.4% 68.0 68.1 0.1 0.1% 48.1% 69.1 69.6 0.5 0.7% 48.1% 69.9 69.9 0.0 0.0% 48.1% 67.2 67.3 0.1 0.1% 67.9 0.2 0.3% 49.4% 69.0 69.6 0.9% 49.4% 69.7 69.8 49.4% 67.1 67.3 0.2 0.3% 50.6% 50.6% 50.6% 50.6% 67.8 68.1 0.3 0.4% 68.9 69.6 0.7 1.0% 69.7 69.8 0.1 0.1% 67.1 67.2 0.1 0.1% 0.3% 0.3% 51.9% 67.8 67.7 0.2 51.9% 69.5 0.9% 69.7 69.8 0.1% 51.9% 53.1% 67.2 0.2 0.3% 53.1% 53.1% 53.1% 0.6 0.0 67.9 68.9 69.5 0.9% 69.7 69.7 0.0% 67.0 67.1 0.1% 55.6% 56.8% 55.6% 55.6% 55.6% 67.3 67.8 0.5 0.7% 68.8 69.4 0.6 0.9% 69.6 69.7 0.1 0.1% 66.9 67.0 0.1 0.1% 58.0% 0.4% 58.0% 0.6% 58.0% 67.2 67.5 0.3 68.7 69.1 0.4 69.5 69.5 0.0 0.0% 58.0% 66.9 66.9 0.0 0.0% 60.5% 60.5% 60.5% 66.7 67.2 0.5 0.7% 68.7 68.9 0.2 0.3% 69.4 69.4 0.0 0.0% 60.5% 66.8 66.9 0.1 0.1% 61.7% 61.7% 63.0% 63.0% 63.0% 0.1% 63.0% 66.4 66.4 0.0 0.0% 68.6 68.7 0.1 69.4 69.4 0.0 0.0% 66.7 66.9 0.2 0.3% 64.2% 65.4% 64.2% 65.4% 64.2% 65.4% 64.2% 65.4% 0.0 -0.1 -0.1 0.1 0.1 0.1% 0.0% 66.3 66.3 0.0% 68.7 69.3 69.2 -0.1% 66.7 66.7 68.6 66.7% 67.9% 66.2 66.0 0.0% 66.7% 67.9% 66.7% 67.9% 66.7% 67.9% 0.0 68.6 0.0% 69.3 -0.1 -0.1 -0.1% 66.7 66.7 0.0 0.0% 69.2 0.2 66.0 68.4 68.6 0.3% 69.3 69.2 -0.1% 66.6 66.7 0.2% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 0.0% 68 5 0.1 0.2 65.9 65.9 0.0 0.0% 68.4 0.1 0.1% 69.1 0.3% 66.6 66.7 0.2% 68.3 68.9 71.6% 65.9 0.0 0.0% 71.6% 68.4 0.1% 71.6% 68.9 69.1 0.2 0.3% 71.6% 66.6 66.6 0.0 72.8% 65.7 65.7 0.0 72.8% 68.2 68.3 0.1 0.1% 72.8% 68.9 68.9 0.0 72.8% 66.5 0.1 0.2% 66.6 0.0% 74.1% 75.3% 74.1% 75.3% 74.1% 74.1% 0.1 0.1% 0.1 0.2% 75.3% 0.1% 75.3% 68.7 76.5% 65.6 0.0 0.0% 76.5% 68.1 0.0% 76.5% 68.5 68.5 0.0% 76.5% 66.5 66.5 0.0 0.0% 77.8% 0.0% 77.8% 77.8% 0.0 0.0% 77.8% 0.1 0.2% 0.0% 79.0% 65.1 65.1 0.0 0.0% 79.0% 68.0 68.0 0.0 0.0% 79.0% 68.4 68.4 0.0 0.0% 79.0% 66.4 66.4 0.0 0.0% 80.2% 64.7 0.0% 80.2% 68.0 80.2% 80.2% 66.4 0.0 0.0% 68.4 0.0 0.0% 0.0% 81.5% 64.6 64.6 0.0 0.0% 81.5% 68.0 68.0 0.0% 81.5% 68.2 68.3 0.1% 81.5% 66.2 66.4 0.2 0.3% 82.7% 82.7% 64.6 0.0% 82.7% 67.9 68.3 0.1% 82.7% 66.2 0.0 0.0% 84.0% 64.6 0.0 0.0% 84.0% 68.0 67.9 -0.1 -0.1% 84.0% 68.2 68.2 0.0% 84.0% 66.1 66.1 0.0 0.0% 85.2% 64.4 64.4 0.0 0.0% 85.2% 67.9 67.9 0.0 0.0% 85.2% 68.1 68.1 0.0 0.0% 85.2% 66.0 66.0 0.0 0.0% 86.4% 64.3 0.0% 86.4% 67.9 67.8 -0.1% 86.4% 68.1 68.1 0.0% 86.4% 65.9 66.0 0.1 0.2% 87.7% 64.3 64.3 0.0 0.0% 87.7% 67.9 67.8 -0.1 -0.1% 87.7% 68.0 68 1 0.1 0.1% 87.7% 65.8 65.9 0.1 0.2% 88.9% 64.2 64.2 0.0 0.0% 88.9% 67.9 67.7 -0.2 -0.3% 88.9% 68.0 68.0 0.0 0.0% 88.9% 65.8 65.8 0.0 0.0% 90.1% 64.1 64.0 -0.1 -0.2% 90.1% 67.8 67.7 -0.1 -0.1% 90.1% 67.8 68.0 0.2 0.3% 90.1% 65.6 65.8 0.2 0.3% 91.4% 64.0 0.0% 91.4% 67.7 -0.1% 91.4% 67.8 91.4% 65.8 0.4 92.6% 92.6% 92.6% 63.9 63.9 0.0 0.0% 67.8 67.6 -0.2 -0.3% 67.8 67.8 0.0 0.0% 92.6% 65.4 65.7 0.5% 93.8% 0.0 0.0% 67.8 67.8 93.8% 65.3 0.2 63.9 63.9 0.0% 93.8% 67.6 67.6 0.0 93.8% 0.0 0.0% 65.5 0.3% 95.1% 95.1% 95.1% 95.1% 63.7 63.7 0.0 0.0% 67.5 67.5 0.0 0.0% 67.6 67.6 0.0 0.0% 65.3 65.5 0.2 0.3% 96.3% 63.5 0.0% 96.3% 97.5% 67.4 -0.1% 96.3% 97.5% 67.4 0.0 0.0% 96.3% 97.5% 65.2 0.0 0.0% 97.5% 0.3% 63.3 63.3 0.0 0.0% 67.5 67.3 -0 2 -0.3% 67.3 673 0.0 0.0% 64 9 65.1 0.0% -0.3% 98.8% 100.0% 100.0% 100.0% 100.0% 62.9 62.9 0.0 0.0% 66.9 66.7 -0.3% 67.0 67.2 0.3% 64.4 65.1 0.7 1.1%

Table SQ-33-5a Trinity River below Lewiston Dam, Monthly Temperature Long-term Average and Average by Water Year Type

				J		thly Temn	erature (DE	G-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Mav	Jun	Jul	Aua	Sep
Allalysis i criod	OCI	1404	DCC		ng-term	ividi	ирі	ividy	Juli	Jui	Aug	Эср
Full Simulation Period ¹				Loi	ig turiii							
No Action Alternative	49.4	44.7	40.0	39.4	42.7	47.0	50.2	46.6	50.9	51.3	51.7	50.7
Alternative B	49.2	44.5	40.1	39.6	42.7	46.9	50.2	46.6	50.9	51.3	51.6	50.3
Difference	-0.2	-0.2	0.1	0.2	0.0	-0.2	-0.1	0.0	0.0	-0.1	-0.1	-0.4
Percent Difference ³	-0.4%	-0.4%	0.4%	0.6%	0.0%	-0.4%	-0.1%	0.0%	0.0%	-0.1%	-0.3%	-0.89
					ear Types							
Wet (32%)												
No Action Alternative	47.0	44.6	41.5	40.6	43.0	45.9	49.1	45.8	48.3	50.8	51.6	48.6
Alternative B	47.1	44.6	41.6	40.6	42.9	45.7	49.1	45.8	48.4	50.6	51.2	48.8
Difference	0.1	0.0	0.1	0.1	-0.1	-0.3	0.0	0.0	0.1	-0.3	-0.4	0.2
Percent Difference	0.3%	-0.1%	0.3%	0.2%	-0.3%	-0.6%	0.0%	0.0%	0.1%	-0.5%	-0.7%	0.49
Above Normal (15%)												
No Action Alternative	48.2	43.3	40.2	38.6	42.6	47.3	49.9	45.9	50.6	51.6	50.9	48.8
Alternative B	47.6	42.9	40.2	38.8	42.6	47.3	50.0	45.8	50.5	51.5	50.7	48.6
Difference	-0.6	-0.4	-0.1	0.2	0.0	0.0	0.1	-0.1	-0.1	-0.1	-0.2	-0.1
Percent Difference	-1.2%	-0.9%	-0.2%	0.4%	0.0%	-0.1%	0.2%	-0.2%	-0.3%	-0.2%	-0.4%	-0.39
Below Normal (17%)												
No Action Alternative	50.2	44.7	39.0	38.7	41.9	46.8	51.1	46.4	51.3	52.0	52.0	51.3
Alternative B	49.8	44.6	39.2	38.8	42.0	46.7	51.1	46.4	51.5	52.1	52.3	51.3
Difference	-0.4	-0.1	0.3	0.1	0.0	-0.1	0.0	0.0	0.1	0.1	0.3	0.0
Percent Difference	-0.8%	-0.1%	0.7%	0.3%	0.1%	-0.3%	0.1%	0.0%	0.3%	0.2%	0.5%	0.1%
Dry (22%)	,			,	,	,	_	,				
No Action Alternative	49.5	45.0	39.6	38.4	42.4	47.9	51.4	46.7	51.9	50.7	50.1	50.3
Alternative B	49.5	44.5	39.7	38.9	42.4	47.7	51.1	46.8	52.0	50.4	50.4	49.8
Difference	0.0	-0.4	0.1	0.4	0.0	-0.2	-0.3	0.0	0.1	-0.4	0.2	-0.5
Percent Difference	0.0%	-1.0%	0.2%	1.2%	0.0%	-0.5%	-0.6%	0.1%	0.2%	-0.7%	0.5%	-1.09
Critical (15%)												
No Action Alternative	54.5	45.7	38.2	39.4	43.1	48.0	50.2	49.3	55.5	52.5	54.4	56.6
Alternative B	53.8	45.7	38.6	39.8	43.2	47.9	50.2	49.3	55.3	53.1	53.8	54.2
Difference	-0.7	0.0	0.4	0.4	0.1	-0.1	-0.1	0.0	-0.2	0.6	-0.6	-2.4
Percent Difference	-1.3%	-0.1%	0.9%	0.9%	0.2%	-0.1%	-0.1%	-0.1%	-0.3%	1.1%	-1.1%	-4.29



Figure SQ-33-5b Trinity River below Lewiston Dam, Monthly Temperature Probability of Exceedance

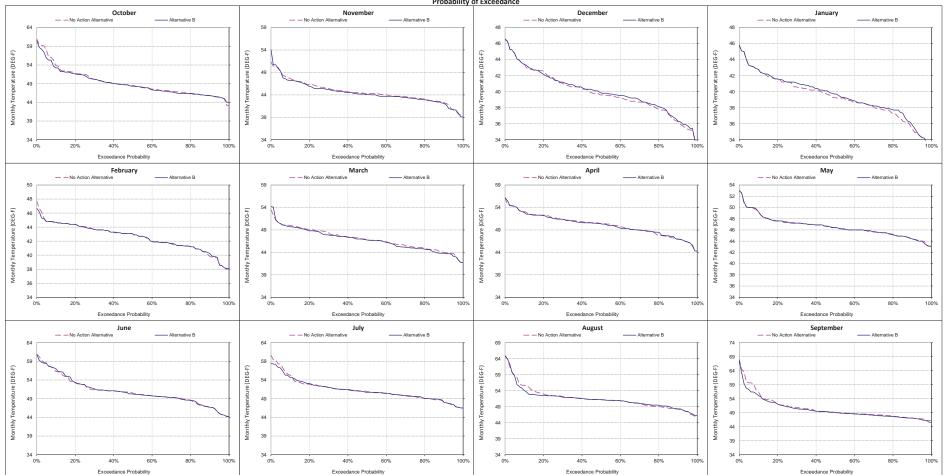


Table SQ-33-5b
Trinity River below Lewiston Dam, Monthly Temperature
Probability of Exceedance

		October					November					December					January		
Percent	No Action Alternative	Alternative B	Absolute		Percent	No Action Alternative	Alternative B	Absolute		Percent	No Action Alternative	Alternative B	Absolute		Percent	No Action Alternative	Alternative B	Absolute	
Exceedance			Difference	Relative	Exceedance			Difference	Relative	Exceedance			- Difference	Relative	Exceedance			- Difference	Relative
Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability		Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	61.0	60.5	-0.5	-0.8%	0.0%	51.3	54.1	2.8	5.5%	0.0%	46.6	46.5	-0.1	-0.2%	0.0%	45.8	45.8	0.0	0.0%
1.2%	59.5	58.7	-0.8	-1.3%	1.2%	50.4	50.7	0.3	0.6%	1.2%	46.3	46.3	0.0	0.0%	1.2%	45.1	45.1	0.0	0.0%
2.5%	59.3	58.2	-1.1	-1.9%	2.5%	50.3	50.7	0.4	0.8%	2.5%	45.3	45.3	0.0	0.0%	2.5%	45.0	45.0	0.0	0.0%
3.7%	59.1	57.5	-1.6	-2.7%	3.7%	50.1	49.9	-0.2	-0.4%	3.7%	45.2	45.2	0.0	0.0%	3.7%	44.0	44.0	0.0	0.0%
4.9%	58.1	55.9	-2.2	-3.8%	4.9%	49.3	49.3	0.0	0.0%	4.9%	44.8	44.8	0.0	0.0%	4.9%	43.3	43.3	0.0	0.0%
6.2%	56.1	55.3	-0.8	-1.4%	6.2%	48.4	47.8	-0.6	-1.2%	6.2%	44.1	44.1	0.0	0.0%	6.2%	43.2	43.2	0.0	0.0%
7.4%	56.1	55.3	-0.8	-1.4%	7.4%	48.1	47.6	-0.5	-1.0%	7.4%	43.9	43.9	0.0	0.0%	7.4%	43.1	43.1	0.0	0.0%
8.6%	55.4	53.7	-1.7	-3.1%	8.6%	47.8	47.3	-0.5	-1.0%	8.6%	43.6	43.6	0.0	0.0%	8.6%	42.9	42.9	0.0	0.0%
9.9%	53.8	53.2	-0.6	-1.1%	9.9%	47.7	47.2	-0.5	-1.0%	9.9%	43.5	43.4	-0.1	-0.2%	9.9%	42.8	42.8	0.0	0.0%
11.1%	53.7	53.2	-0.5	-0.9%	11.1%	47.4	47.2	-0.2	-0.4%	11.1%	43.0	43.3	0.3	0.7%	11.1%	42.4	42.4	0.0	0.0%
12.3%	52.6	52.2	-0.4	-0.8%	12.3%	47.3	47.1	-0.2	-0.4%	12.3%	42.8	43.0	0.2	0.5%	12.3%	42.3	42.3	0.0	0.0%
13.6%	52.4	52.2	-0.2	-0.4%	13.6%	47.0	47.0	0.0	0.0%	13.6%	42.8	42.9	0.1	0.2%	13.6%	42.2	42.2	0.0	0.0%
14.8%	52.4	52.1	-0.3	-0.6%	14.8%	47.0	46.9	-0.1	-0.2%	14.8%	42.7	42.7	0.0	0.0%	14.8%	41.9	42.2	0.3	0.7%
16.0%	52.3	52.1	-0.2	-0.4%	16.0%	46.9	46.7	-0.2	-0.4%	16.0%	42.7	42.7	0.0	0.0%	16.0%	41.8	42.0	0.2	0.5%
17.3%	52.2	52.0	-0.2	-0.4%	17.3%	46.7	46.5	-0.2	-0.4%	17.3%	42.7	42.6	-0.1	-0.2%	17.3%	41.7	41.8	0.1	0.2%
18.5%	52.1	51.7	-0.4	-0.8%	18.5%	46.4	46.3	-0.1	-0.2%	18.5%	42.6	42.4	-0.2	-0.5%	18.5%	41.6	41.6	0.0	0.0%
19.8%	51.8	51.6	-0.2	-0.4%	19.8%	46.3	45.9	-0.4	-0.9%	19.8%	42.6	42.2	-0.4	-0.9%	19.8%	41.6	41.6	0.0	0.0%
21.0%	51.7	51.5	-0.2	-0.4%	21.0%	46.3	45.8	-0.5	-1.1%	21.0%	42.3	42.0	-0.3	-0.7%	21.0%	41.5	41.5	0.0	0.0%
22.2%	51.6	51.4	-0.2	-0.4%	22.2%	46.2	45.5	-0.7	-1.5%	22.2%	42.0	41.9	-0.1	-0.2%	22.2%	41.2	41.5	0.3	0.7%
23.5%	51.6	51.4	-0.2	-0.4%	23.5%	46.0	45.4	-0.6	-1.3%	23.5%	41.9	41.7	-0.2	-0.5%	23.5%	41.2	41.3	0.1	0.2%
24.7%	51.5	51.2	-0.3	-0.6%	24.7%	45.9	45.4	-0.5	-1.1%	24.7%	41.8	41.7	-0.1	-0.2%	24.7%	41.2	41.2	0.0	0.0%
25.9%	51.4	50.9	-0.5	-1.0%	25.9%	45.7	45.4	-0.3	-0.7%	25.9%	41.5	41.4	-0.1	-0.2%	25.9%	41.2	41.2	0.0	0.0%
27.2%	50.9	50.4	-0.5	-1.0%	27.2%	45.7	45.4	-0.3	-0.7%	27.2%	41.3	41.4	0.1	0.2%	27.2%	41.1	41.2	0.1	0.2%
28.4%	50.4	50.3	-0.1	-0.2%	28.4%	45.7	45.3	-0.2	-0.4%	28.4%	41.1	41.2	0.1	0.2%	28.4%	40.6	41.2	0.6	1.5%
29.6%	50.2	50.3	0.0	0.0%	29.6%	45.5	45.2	-0.2	-0.7%	29.6%	41.1	41.2	0.1	0.2%	29.6%	40.6	41.1	0.5	1.2%
30.9%	50.2	50.2	0.0	0.0%	30.9%	45.3	45.2 45.1	-0.3	-0.4%	30.9%	40.9	41.1	0.1	0.5%	30.9%	40.5	41.0	0.5	1.2%
32.1%	49.8	49.9	0.0	0.2%	32.1%	45.2	45.1 44.9	-0.2	-0.7%	32.1%	40.8	41.0	0.2	0.5%	32.1%	40.5	40.9	0.5	1.0%
33.3%	49.7	49.8	0.1	0.2%	33.3%	45.1	44.9	-0.2	-0.4%	33.3%	40.7	40.9	0.2	0.5%	33.3%	40.4	40.9	0.5	1.2%
33.3%	49.7	49.5	-0.1	-0.2%	33.3%	45.1 45.0	44.9	-0.2	-0.4%	33.3%	40.7	40.9	0.2	0.5%	33.3%	40.4	40.9	0.5	1.0%
35.8%	49.3	49.4	0.1	0.2%	35.8%	45.0	44.8	-0.2	-0.4%	35.8%	40.6	40.8	0.3	0.5%	35.8%	40.4	40.8	0.5	1.2%
37.0%	49.3	49.4	0.1	0.2%	35.6%	45.0 45.0	44.6	-0.2	-0.4%	37.0%	40.6	40.6	0.2	0.5%	37.0%	40.3	40.6	0.5	1.0%
38.3%	49.3	49.2			38.3%	44.8	44.6				40.6	40.6		0.0%	38.3%	40.2	40.6		
39.5%	49.1	49.1	-0.1 0.0	-0.2% 0.0%	39.5%	44.8	44.5	-0.2 -0.3	-0.4% -0.7%	38.3% 39.5%	40.4	40.6	0.0 0.2	0.5%	39.5%	40.2	40.4	0.4	1.0% 0.5%
							44.5 44.5												
40.7% 42.0%	49.0 48.9	49.0 48.9	0.0	0.0%	40.7% 42.0%	44.6 44.5	44.5 44.5	-0.1 0.0	-0.2% 0.0%	40.7% 42.0%	40.3 40.3	40.4 40.3	0.1	0.2%	40.7% 42.0%	40.1 40.1	40.4 40.2	0.3 0.1	0.7% 0.2%
	48.9 48.9						44.5 44.3									40.1 39.9			
43.2%		48.8	-0.1	-0.2%	43.2%	44.5		-0.2	-0.4%	43.2%	40.2	40.3	0.1	0.2%	43.2%		40.2	0.3	0.8%
44.4%	48.7 48.7	48.8 48.7	0.1	0.2%	44.4% 45.7%	44.5 44.5	44.3 44.2	-0.2	-0.4%	44.4%	39.9	40.3 40.2	0.4 0.4	1.0%	44.4%	39.8 39.7	40.1 40.1	0.3 0.4	0.8%
45.7%			0.0	0.0%				-0.3	-0.7%	45.7%	39.8				45.7%				1.0%
46.9%	48.7	48.7	0.0	0.0%	46.9%	44.4	44.2	-0.2	-0.5%	46.9%	39.8	40.1	0.3	0.8%	46.9%	39.6	39.9	0.3	0.8%
48.1%	48.5	48.5	0.0	0.0%	48.1%	44.4	44.2	-0.2	-0.5%	48.1%	39.8	40.1	0.3	0.8%	48.1%	39.3	39.8	0.5	1.3%
49.4%	48.5	48.3	-0.2	-0.4%	49.4%	44.3	44.1	-0.2	-0.5%	49.4%	39.6	39.9	0.3	0.8%	49.4%	39.3	39.7	0.4	1.0%
50.6%	48.5	48.3	-0.2	-0.4%	50.6%	44.3	44.1	-0.2	-0.5%	50.6%	39.6	39.8	0.2	0.5%	50.6%	39.2	39.7	0.5	1.3%
51.9%	48.2	48.2	0.0	0.0%	51.9%	44.3	44.0	-0.3	-0.7%	51.9%	39.6	39.8	0.2	0.5%	51.9%	39.2	39.5	0.3	0.8%
53.1%	48.2	48.2	0.0	0.0%	53.1%	44.3	44.0	-0.3	-0.7%	53.1%	39.5	39.8	0.3	0.8%	53.1%	39.2	39.3	0.1	0.3%
54.3%	48.0	48.1	0.1	0.2%	54.3%	44.3	44.0	-0.3	-0.7%	54.3%	39.5	39.7	0.2	0.5%	54.3%	39.2	39.3	0.1	0.3%
55.6%	47.9	48.0	0.1	0.2%	55.6%	44.3	43.8	-0.5	-1.1%	55.6%	39.5	39.7	0.2	0.5%	55.6%	39.0	39.2	0.2	0.5%
56.8%	47.8	47.9	0.1	0.2%	56.8%	44.1	43.7	-0.4	-0.9%	56.8%	39.4	39.6	0.2	0.5%	56.8%	38.9	39.1	0.2	0.5%
58.0%	47.8	47.9	0.1	0.2%	58.0%	44.1	43.7	-0.4	-0.9%	58.0%	39.3	39.6	0.3	0.8%	58.0%	38.9	39.0	0.1	0.3%
59.3%	47.6	47.4	-0.2	-0.4%	59.3%	44.0	43.7	-0.3	-0.7%	59.3%	39.3	39.5	0.2	0.5%	59.3%	38.7	38.9	0.2	0.5%
60.5%	47.5	47.3	-0.2	-0.4%	60.5%	44.0	43.7	-0.3	-0.7%	60.5%	39.2	39.5	0.3	0.8%	60.5%	38.7	38.8	0.1	0.3%
61.7%	47.5	47.2	-0.3	-0.6%	61.7%	43.8	43.7	-0.1	-0.2%	61.7%	39.1	39.5	0.4	1.0%	61.7%	38.6	38.6	0.0	0.0%
63.0%	47.4	47.2	-0.2	-0.4%	63.0%	43.7	43.7	0.0	0.0%	63.0%	39.0	39.4	0.4	1.0%	63.0%	38.6	38.6	0.0	0.0%
64.2%	47.2	47.2	0.0	0.0%	64.2%	43.7	43.6	-0.1	-0.2%	64.2%	38.9	39.3	0.4	1.0%	64.2%	38.6	38.6	0.0	0.0%
65.4%	47.2	47.0	-0.2	-0.4%	65.4%	43.7	43.6	-0.1	-0.2%	65.4%	38.8	39.2	0.4	1.0%	65.4%	38.5	38.5	0.0	0.0%
66.7%	47.2	47.0	-0.2	-0.4%	66.7%	43.7	43.6	-0.1	-0.2%	66.7%	38.8	39.2	0.4	1.0%	66.7%	38.4	38.4	0.0	0.0%
67.9%	47.2	46.9	-0.3	-0.6%	67.9%	43.7	43.5	-0.2	-0.5%	67.9%	38.8	39.2	0.4	1.0%	67.9%	38.3	38.3	0.0	0.0%
69.1%	47.0	46.8	-0.2	-0.4%	69.1%	43.6	43.4	-0.2	-0.5%	69.1%	38.7	39.1	0.4	1.0%	69.1%	38.2	38.3	0.1	0.3%
70.4%	46.9	46.8	-0.1	-0.2%	70.4%	43.6	43.4	-0.2	-0.5%	70.4%	38.7	38.9	0.2	0.5%	70.4%	38.0	38.2	0.2	0.5%
71.6%	46.9	46.6	-0.3	-0.6%	71.6%	43.4	43.3	-0.1	-0.2%	71.6%	38.7	38.7	0.0	0.0%	71.6%	37.9	38.2	0.3	0.8%
72.8%	46.8	46.5	-0.3	-0.6%	72.8%	43.4	43.3	-0.1	-0.2%	72.8%	38.6	38.7	0.1	0.3%	72.8%	37.9	38.1	0.2	0.5%
74.1%	46.8	46.4	-0.4	-0.9%	74.1%	43.3	43.2	-0.1	-0.2%	74.1%	38.5	38.6	0.1	0.3%	74.1%	37.8	38.0	0.2	0.5%
75.3%	46.7	46.4	-0.3	-0.6%	75.3%	43.3	43.2	-0.1	-0.2%	75.3%	38.3	38.5	0.2	0.5%	75.3%	37.7	38.0	0.3	0.8%
76.5%	46.7	46.4	-0.3	-0.6%	76.5%	43.2	43.0	-0.2	-0.5%	76.5%	38.3	38.4	0.1	0.3%	76.5%	37.7	37.9	0.2	0.5%
77.8%	46.5	46.3	-0.2	-0.4%	77.8%	43.2	43.0	-0.2	-0.5%	77.8%	38.1	38.4	0.3	0.8%	77.8%	37.7	37.9	0.2	0.5%
79.0%	46.4	46.3	-0.1	-0.2%	79.0%	43.1	43.0	-0.1	-0.2%	79.0%	37.9	38.2	0.3	0.8%	79.0%	37.4	37.8	0.4	1.1%
80.2%	46.4	46.3	-0.1	-0.2%	80.2%	43.1	42.9	-0.2	-0.5%	80.2%	37.8	38.1	0.3	0.8%	80.2%	37.2	37.7	0.5	1.3%
81.5%	46.4	46.2	-0.2	-0.4%	81.5%	42.9	42.8	-0.1	-0.2%	81.5%	37.7	38.0	0.3	0.8%	81.5%	37.2	37.7	0.5	1.3%
82.7%	46.3	46.2	-0.1	-0.2%	82.7%	42.7	42.7	0.0	0.0%	82.7%	37.7	37.9	0.2	0.5%	82.7%	36.8	37.7	0.9	2.4%
84.0%	46.2	46.2	0.0	0.0%	84.0%	42.7	42.6	-0.1	-0.2%	84.0%	37.6	37.7	0.1	0.3%	84.0%	36.7	37.4	0.7	1.9%
85.2%	46.0	46.0	0.0	0.0%	85.2%	42.6	42.5	-0.1	-0.2%	85.2%	37.3	37.1	-0.2	-0.5%	85.2%	36.3	37.3	1.0	2.8%
86.4%	46.0	46.0	0.0	0.0%	86.4%	42.6	42.4	-0.2	-0.5%	86.4%	36.8	37.0	0.2	0.5%	86.4%	36.2	36.7	0.5	1.4%
87.7%	45.9	45.9	0.0	0.0%	87.7%	42.5	42.4	-0.1	-0.2%	87.7%	36.5	36.8	0.3	0.8%	87.7%	36.2	36.3	0.1	0.3%
88.9%	45.9	45.8	-0.1	-0.2%	88.9%	42.5	42.2	-0.3	-0.7%	88.9%	36.4	36.6	0.2	0.5%	88.9%	35.8	36.2	0.4	1.1%
90.1%	45.8	45.8	0.0	0.0%	90.1%	42.2	42.1	-0.1	-0.2%	90.1%	36.2	36.3	0.1	0.3%	90.1%	35.3	35.8	0.5	1.4%
91.4%	45.8	45.7	-0.1	-0.2%	91.4%	42.1	41.7	-0.4	-1.0%	91.4%	35.9	36.2	0.3	0.8%	91.4%	34.9	35.4	0.5	1.4%
92.6%	45.5	45.6	0.1	0.2%	92.6%	41.7	40.9	-0.8	-1.9%	92.6%	35.7	35.9	0.2	0.6%	92.6%	34.9	34.9	0.0	0.0%
93.8%	45.4	45.5	0.1	0.2%	93.8%	40.9	40.8	-0.1	-0.2%	93.8%	35.5	35.9	0.4	1.1%	93.8%	34.5	34.5	0.0	0.0%
95.1%	45.3	45.4	0.1	0.2%	95.1%	40.6	40.7	0.1	0.2%	95.1%	35.3	35.7	0.4	1.1%	95.1%	34.3	34.3	0.0	0.0%
96.3%	45.2	45.2	0.0	0.0%	96.3%	40.4	40.6	0.2	0.5%	96.3%	35.2	35.4	0.2	0.6%	96.3%	34.2	34.2	0.0	0.0%
97.5%	45.0	45.0	0.0	0.0%	97.5%	39.7	39.9	0.2	0.5%	97.5%	35.2	35.4	0.2	0.6%	97.5%	33.7	33.7	0.0	0.0%
98.8%	43.2	44.0	0.8	1.9%	98.8%	39.5	39.1	-0.4	-1.0%	98.8%	34.0	33.9	-0.1	-0.3%	98.8%	29.5	29.5	0.0	0.0%
100.0%	43.2	44.0	0.8	1.9%	100.0%	39.5	39.1	-0.4	-1.0%	100.0%	34.0	33.9	-0.1	-0.3%	100.0%	29.5	29.5	0.0	0.0%
					70					/ 0					70				

Table SQ-33-5b
Trinity River below Lewiston Dam, Monthly Temperature Probability of Exceedance

										of Exceedance									
Percent		February			Percent		March			Percent		April			Percent		May		
Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative
Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)
0.0%	47.7	46.7	-1.0	-2.1%	0.0%	53.5	54.2	0.7	1.3%	0.0%	56.2	56.2	0.0	0.0%	0.0%	53.0	53.0	0.0	0.0%
1.2%	46.7	46.2	-0.5	-1.1%	1.2%	52.4	54.1	1.7	3.2%	1.2%	54.7	55.5	0.8	1.5%	1.2%	52.6	52.6	0.0	0.0%
2.5% 3.7%	46.2 45.3	45.3 45.2	-0.9 -0.1	-1.9% -0.2%	2.5% 3.7%	51.2 50.7	51.3 50.7	0.1	0.2%	2.5% 3.7%	54.5 54.3	54.4 54.4	-0.1 0.1	-0.2% 0.2%	2.5% 3.7%	50.8 50.1	51.0 50.1	0.2	0.4%
4.9%	45.3 44.8	45.2 44.8	-0.1	-0.2%	4.9%	50.7 50.4	50.7	0.0	0.0%	3.7% 4.9%	54.3 54.3	54.4	0.1	0.2%	3.7%	50.1 50.0	50.1	0.0	0.0%
6.2%	44.8	44.8	0.0	0.0%	6.2%	50.1	50.1	0.0	0.0%	6.2%	54.0	54.0	0.0	0.0%	6.2%	50.0	50.0	0.0	0.0%
7.4%	44.8	44.8	0.0	0.0%	7.4%	50.1	50.0	-0.1	-0.2%	7.4%	53.3	53.3	0.0	0.0%	7.4%	49.8	50.0	0.2	0.4%
8.6% 9.9%	44.8 44.7	44.7 44.7	-0.1 0.0	-0.2% 0.0%	8.6% 9.9%	50.1 50.0	49.8 49.7	-0.3 -0.3	-0.6% -0.6%	8.6% 9.9%	53.2 53.1	53.1 52.9	-0.1 -0.2	-0.2% -0.4%	8.6% 9.9%	49.7 49.3	49.8 49.3	0.1	0.2%
11.1%	44.6	44.6	0.0	0.0%	11.1%	49.9	49.7	-0.2	-0.4%	11.1%	52.9	52.5	-0.4	-0.8%	11.1%	48.7	48.7	0.0	0.0%
12.3%	44.6	44.6	0.0	0.0%	12.3%	49.8	49.6	-0.2	-0.4%	12.3%	52.5	52.5	0.0	0.0%	12.3%	48.3	48.3	0.0	0.0%
13.6% 14.8%	44.5 44.5	44.5 44.5	0.0	0.0%	13.6% 14.8%	49.7 49.6	49.5 49.4	-0.2 -0.2	-0.4% -0.4%	13.6% 14.8%	52.5 52.4	52.4 52.3	-0.1 -0.1	-0.2% -0.2%	13.6% 14.8%	48.1 48.1	48.2 48.0	0.1 -0.1	0.2% -0.2%
16.0%	44.5	44.5	0.0	0.0%	16.0%	49.4	49.3	-0.1	-0.2%	16.0%	52.4	52.3	-0.1	-0.2%	16.0%	47.9	47.9	0.0	0.0%
17.3%	44.4	44.4	0.0	0.0%	17.3%	49.3	49.2	-0.1	-0.2%	17.3%	52.3	52.3	0.0	0.0%	17.3%	47.8	47.7	-0.1	-0.2%
18.5% 19.8%	44.4 44.4	44.4 44.4	0.0	0.0%	18.5% 19.8%	49.2 49.1	49.0 48.8	-0.2 -0.3	-0.4%	18.5% 19.8%	52.3 52.3	52.3 52.2	0.0	0.0%	18.5% 19.8%	47.7 47.6	47.6 47.6	-0.1 0.0	-0.2%
21.0%	44.4 44.3	44.4 44.3	0.0	0.0%	21.0%	49.1 49.1	48.8 48.8	-0.3	-0.6% -0.6%	21.0%	52.3 52.3	52.2 52.1	-0.1 -0.2	-0.2%	19.8%	47.6 47.6	47.6 47.6	0.0	0.0%
22.2%	44.1	44.1	0.0	0.0%	22.2%	49.0	48.8	-0.2	-0.4%	22.2%	52.2	51.8	-0.4	-0.8%	22.2%	47.6	47.6	0.0	0.0%
23.5%	44.1	44.1	0.0	0.0%	23.5%	48.8	48.7	-0.1	-0.2%	23.5%	51.9	51.8	-0.1	-0.2%	23.5%	47.5	47.3	-0.2	-0.4%
24.7% 25.9%	44.1 44.0	44.0 43.9	-0.1 -0.1	-0.2% -0.2%	24.7% 25.9%	48.8 48.8	48.7 48.3	-0.1 -0.5	-0.2% -1.0%	24.7% 25.9%	51.8 51.8	51.6 51.5	-0.2 -0.3	-0.4% -0.6%	24.7% 25.9%	47.5 47.3	47.3 47.3	-0.2 0.0	-0.4% 0.0%
27.2%	44.0	43.8	-0.2	-0.5%	27.2%	48.7	48.0	-0.7	-1.4%	27.2%	51.5	51.4	-0.1	-0.2%	27.2%	47.3	47.2	-0.1	-0.2%
28.4%	43.8	43.8	0.0	0.0%	28.4%	48.7	47.9	-0.8	-1.6%	28.4%	51.5	51.4	-0.1	-0.2%	28.4%	47.3	47.2	-0.1	-0.2%
29.6% 30.9%	43.7 43.6	43.7 43.6	0.0	0.0%	29.6% 30.9%	48.5 48.0	47.9 47.8	-0.6 -0.2	-1.2% -0.4%	29.6% 30.9%	51.4 51.3	51.4 51.3	0.0	0.0%	29.6% 30.9%	47.2 47.2	47.2 47.2	0.0	0.0%
30.9%	43.6	43.6	0.0	0.0%	30.9%	48.0	47.8	-0.2	-0.4%	30.9%	51.3	51.3	-0.1	-0.2%	30.9%	47.2	47.2	0.0	0.0%
33.3%	43.6	43.6	0.0	0.0%	33.3%	47.9	47.8	-0.1	-0.2%	33.3%	51.2	51.1	-0.1	-0.2%	33.3%	47.1	47.1	0.0	0.0%
34.6%	43.6	43.6	0.0	0.0%	34.6%	47.9	47.6	-0.3	-0.6%	34.6%	51.1	51.0	-0.1	-0.2%	34.6%	47.1	47.1	0.0	0.0%
35.8% 37.0%	43.5 43.5	43.5 43.5	0.0	0.0%	35.8% 37.0%	47.6 47.6	47.6 47.5	0.0 -0.1	0.0% -0.2%	35.8% 37.0%	51.1 51.0	50.9 50.8	-0.2 -0.2	-0.4% -0.4%	35.8% 37.0%	47.0 47.0	47.0 47.0	0.0	0.0%
38.3%	43.3	43.3	0.0	0.0%	38.3%	47.6	47.5	-0.1	-0.2%	38.3%	51.0	50.7	-0.2	-0.6%	38.3%	47.0	47.0	0.0	0.0%
39.5%	43.3	43.3	0.0	0.0%	39.5%	47.5	47.4	-0.1	-0.2%	39.5%	50.9	50.7	-0.2	-0.4%	39.5%	46.9	46.9	0.0	0.0%
40.7%	43.2	43.3	0.1	0.2%	40.7%	47.4	47.3	-0.1	-0.2%	40.7%	50.8	50.6	-0.2	-0.4%	40.7%	46.9	46.9	0.0	0.0%
42.0% 43.2%	43.2 43.2	43.2 43.2	0.0	0.0%	42.0% 43.2%	47.4 47.3	47.3 47.2	-0.1 -0.1	-0.2% -0.2%	42.0% 43.2%	50.7 50.7	50.6 50.6	-0.1 -0.1	-0.2% -0.2%	42.0% 43.2%	46.9 46.9	46.9 46.9	0.0	0.0%
44.4%	43.1	43.1	0.0	0.0%	44.4%	47.3	47.0	-0.3	-0.6%	44.4%	50.6	50.6	0.0	0.0%	44.4%	46.7	46.7	0.0	0.0%
45.7%	43.1	43.1	0.0	0.0%	45.7%	47.2	47.0	-0.2	-0.4%	45.7%	50.6	50.5	-0.1	-0.2%	45.7%	46.6	46.7	0.1	0.2%
46.9%	43.1	43.1 43.1	0.0	0.0%	46.9% 48.1%	47.0 47.0	47.0 46.9	0.0	0.0%	46.9%	50.6	50.5 50.4	-0.1	-0.2% -0.4%	46.9% 48.1%	46.6 46.5	46.6 46.4	0.0	0.0%
48.1% 49.4%	43.1 43.1	43.1	0.0	0.0%	49.4%	46.9	46.8	-0.1 -0.1	-0.2% -0.2%	48.1% 49.4%	50.6 50.4	50.4	-0.2 0.0	0.0%	49.4%	46.4	46.4	-0.1 0.0	-0.2% 0.0%
50.6%	42.9	42.9	0.0	0.0%	50.6%	46.8	46.7	-0.1	-0.2%	50.6%	50.4	50.3	-0.1	-0.2%	50.6%	46.4	46.4	0.0	0.0%
51.9%	42.9	42.9	0.0	0.0%	51.9%	46.7	46.7	0.0	0.0%	51.9%	50.4	50.3	-0.1	-0.2%	51.9%	46.2	46.3	0.1	0.2%
53.1% 54.3%	42.7 42.7	42.7 42.7	0.0	0.0%	53.1% 54.3%	46.7 46.7	46.7 46.6	0.0 -0.1	0.0%	53.1% 54.3%	50.3 50.3	50.1 50.0	-0.2 -0.3	-0.4% -0.6%	53.1% 54.3%	46.2 46.1	46.2 46.2	0.0 0.1	0.0%
55.6%	42.7	42.7	0.0	0.0%	55.6%	46.7	46.6	-0.1	-0.2%	55.6%	50.1	50.0	-0.1	-0.2%	55.6%	46.1	46.1	0.0	0.0%
56.8%	42.6	42.5	-0.1	-0.2%	56.8%	46.6	46.6	0.0	0.0%	56.8%	50.0	49.9	-0.1	-0.2%	56.8%	46.0	46.0	0.0	0.0%
58.0% 59.3%	42.4 42.0	42.4 42.0	0.0	0.0%	58.0% 59.3%	46.6 46.5	46.5 46.3	-0.1 -0.2	-0.2% -0.4%	58.0% 59.3%	50.0 49.9	49.7 49.5	-0.3 -0.4	-0.6% -0.8%	58.0% 59.3%	46.0 46.0	46.0 46.0	0.0	0.0%
60.5%	41.9	41.9	0.0	0.0%	60.5%	46.3	46.2	-0.1	-0.2%	60.5%	49.7	49.3	-0.4	-0.8%	60.5%	46.0	46.0	0.0	0.0%
61.7%	41.9	41.9	0.0	0.0%	61.7%	46.1	46.1	0.0	0.0%	61.7%	49.6	49.3	-0.3	-0.6%	61.7%	46.0	46.0	0.0	0.0%
63.0%	41.9	41.9	0.0	0.0%	63.0%	46.0	45.9	-0.1	-0.2%	63.0%	49.3	49.3	0.0	0.0%	63.0%	46.0	46.0	0.0	0.0%
64.2% 65.4%	41.8 41.8	41.8 41.8	0.0	0.0%	64.2% 65.4%	45.9 45.8	45.7 45.3	-0.2 -0.5	-0.4% -1.1%	64.2% 65.4%	49.3 49.1	49.3 49.1	0.0	0.0%	64.2% 65.4%	46.0 45.9	46.0 45.9	0.0	0.0%
66.7%	41.8	41.8	0.0	0.0%	66.7%	45.7	45.3	-0.4	-0.9%	66.7%	49.1	49.1	0.0	0.0%	66.7%	45.8	45.9	0.1	0.2%
67.9%	41.7	41.8	0.1	0.2%	67.9%	45.7	45.2	-0.5	-1.1%	67.9%	49.0	49.0	0.0	0.0%	67.9%	45.7	45.9	0.2	0.4%
69.1% 70.4%	41.7 41.6	41.7 41.7	0.0 0.1	0.0% 0.2%	69.1% 70.4%	45.7 45.4	45.2 45.1	-0.5 -0.3	-1.1% -0.7%	69.1% 70.4%	49.0 49.0	49.0 48.9	0.0 -0.1	0.0% -0.2%	69.1% 70.4%	45.7 45.6	45.7 45.7	0.0 0.1	0.0% 0.2%
70.4%	41.4	41.6	0.1	0.5%	71.6%	45.4	45.1	-0.3	-0.4%	71.6%	48.9	48.9	0.0	0.2%	70.4%	45.6	45.6	0.0	0.2%
72.8%	41.4	41.4	0.0	0.0%	72.8%	45.3	45.0	-0.3	-0.7%	72.8%	48.9	48.8	-0.1	-0.2%	72.8%	45.6	45.5	-0.1	-0.2%
74.1%	41.4 41.4	41.4 41.4	0.0	0.0%	74.1%	45.2 45.1	45.0 44.9	-0.2	-0.4%	74.1%	48.8 48.7	48.7 48.7	-0.1	-0.2%	74.1%	45.5 45.5	45.5	0.0	0.0%
75.3% 76.5%	41.4 41.4	41.4 41.3	0.0 -0.1	0.0%	75.3% 76.5%	45.1 45.1	44.9 44.8	-0.2 -0.3	-0.4% -0.7%	75.3% 76.5%	48.7 48.5	48.7 48.7	0.0 0.2	0.0%	75.3% 76.5%	45.5 45.4	45.5 45.5	0.0 0.1	0.0%
77.8%	41.3	41.3	0.0	0.0%	77.8%	45.1	44.8	-0.3	-0.7%	77.8%	48.4	48.5	0.1	0.2%	77.8%	45.4	45.3	-0.1	-0.2%
79.0%	41.3	41.3	0.0	0.0%	79.0%	45.0	44.8	-0.2	-0.4%	79.0%	47.9	48.5	0.6	1.3%	79.0%	45.3	45.2	-0.1	-0.2%
80.2% 81.5%	41.2 41.2	41.2 41.2	0.0	0.0%	80.2% 81.5%	44.9 44.7	44.7 44.6	-0.2 -0.1	-0.4% -0.2%	80.2% 81.5%	47.8 47.7	48.4 47.8	0.6	1.3%	80.2% 81.5%	45.2 44.9	45.1 45.0	-0.1 0.1	-0.2% 0.2%
82.7%	40.9	40.9	0.0	0.0%	82.7%	44.7	44.6	-0.1	-0.2%	82.7%	47.7	47.8	0.1	0.2%	82.7%	44.9	44.9	0.0	0.0%
84.0%	40.9	40.9	0.0	0.0%	84.0%	44.7	44.2	-0.5	-1.1%	84.0%	47.5	47.7	0.2	0.4%	84.0%	44.9	44.9	0.0	0.0%
85.2%	40.8	40.8	0.0	0.0%	85.2%	44.6	44.1	-0.5	-1.1%	85.2%	47.5	47.7	0.2	0.4%	85.2%	44.9	44.9	0.0	0.0%
86.4% 87.7%	40.5 40.4	40.5 40.5	0.0	0.0% 0.2%	86.4% 87.7%	44.5 44.2	43.9 43.8	-0.6 -0.4	-1.3% -0.9%	86.4% 87.7%	47.3 47.2	47.5 47.5	0.2	0.4%	86.4% 87.7%	44.8 44.7	44.8 44.7	0.0	0.0%
88.9%	40.1	40.4	0.3	0.7%	88.9%	44.1	43.8	-0.3	-0.7%	88.9%	47.0	47.0	0.0	0.0%	88.9%	44.6	44.5	-0.1	-0.2%
90.1%	39.8	40.2	0.4	1.0%	90.1%	44.0	43.8	-0.2	-0.5%	90.1%	47.0	46.9	-0.1	-0.2%	90.1%	44.4	44.4	0.0	0.0%
91.4%	39.7	39.8	0.1	0.3%	91.4%	43.9	43.7 43.7	-0.2	-0.5%	91.4%	46.9	46.9	0.0	0.0%	91.4%	44.3 44.2	44.3 44.1	0.0	0.0%
92.6% 93.8%	39.7 39.7	39.8 39.7	0.1	0.3%	92.6% 93.8%	43.8 43.8	43.7	-0.1 -0.2	-0.2% -0.5%	92.6% 93.8%	46.7 46.4	46.7 46.5	0.0	0.0%	92.6% 93.8%	44.2 44.2	44.1 44.0	-0.1 -0.2	-0.2% -0.5%
95.1%	38.6	38.6	0.0	0.0%	95.1%	43.7	43.1	-0.6	-1.4%	95.1%	46.3	46.3	0.0	0.0%	95.1%	44.0	44.0	0.0	0.0%
96.3%	38.5	38.5	0.0	0.0%	96.3%	43.1	43.0	-0.1	-0.2%	96.3%	46.1	46.1	0.0	0.0%	96.3%	44.0	43.6	-0.4	-0.9%
97.5% 98.8%	38.2 38.0	38.2 38.1	0.0	0.0%	97.5% 98.8%	42.3 41.7	42.3 41.7	0.0	0.0%	97.5% 98.8%	45.7 44.3	45.4 44.3	-0.3 0.0	-0.7% 0.0%	97.5% 98.8%	43.2 43.1	43.3 43.1	0.1	0.2%
100.0%	38.0	38.1	0.1	0.3%	100.0%	41.7	41.7	0.0	0.0%	100.0%	44.3	44.3	0.0	0.0%	100.0%	43.1	43.1	0.0	0.0%

Table SQ-33-5b
Trinity River below Lewiston Dam, Monthly Temperature
Probability of Exceedance

August

September

Percent Percent Percent Percent No Action Alternative Alternative B Absolute Relative Exceedance Relative Exceedance Relative Relative Difference Difference Difference Difference Monthly Temperature Difference (%) Difference (%) Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG.E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) 0.0% 60.9 60.8 -0.1 -0.2% 0.0% 60.6 -3.6% 65.0 64.8 -0.2 -0.3% 68.1 67.6 1.2% 60.3 59.3 -1.0 -1.7% 1.2% 59.4 58.3 -1.1 -1.9% 1.2% 63.9 63.9 0.0 0.0% 1.2% 64.5 63.3 -1.2 -1.9% 2.5% 59.3 58.7 -1.0% 2.5% 59.3 -2.0% 2.5% 61.4 62.2 1.3% 2.5% 63.6 59.4 -6.6% 3.7% 3.7% 58.7 58.5 -0.2 -0.3% 3.7% 58.3 57.4 -0.9 -1.5% 3.7% 59.7 59.6 -0.1 -0.2% 60.0 57.7 -2.3 -3.8% 4.9% 58.6 58.4 -0.2 -0.3% 4.9% 58.3 57.2 -1.9% 4.9% 58.7 58.7 0.0 0.0% 4.9% 59.7 57.3 -2.4 -4.0% 6.2% 6.2% 6.2% 6.2% 57.7 57.7 0.0 0.0% 57.2 56.3 -0.9 -1.6% 58.1 55.9 -22 -3.8% 59.6 56.4 -3.2 -5.4% 7.4% 57.5 57.1 0.0% 7.4% 55.3 55.3 -0.9 -1.6% 7.4% 56.2 -0.9 -0.9 -1.6% 7.4% 59.4 56.4 -3.0 -1.3 -5.1% 8.6% 8.6% 8.6% 8.6 · . 9.9% 11.1% 12.3% 8.6% 57.3 0.2 0.4% 55.6 -0.3 -0.5% 55.7 54.8 -1.6% 57.2 55.9 -2 3% 9.9% 1.2% -2.9% -2.5% 11.1% 12.3% 56.2 56.3 0.1 0.2% 11.1% 54.7 54.6 -0.1 -0.2% 11.1% 55.5 53.6 -1.9 -3.4% 55.0 54.7 -0.3 -0.5% 13.6% 13.6% 13.6% 0.7% 55.2 56.1 0.9 1.6% 53.5 53.9 0.4 54.3 52.8 -15 -2.8% 53.8 53.5 -0.3 -0.6% 16.0% 16.0% 16.0% 16.0% 54.9 54.9 0.0 0.0% 53.1 53.6 0.5 0.9% 53.6 52.7 -0.9 -1.7% 53.6 52.8 -0.8 -1.5% 18.5% 0.3 0.6% 18.5% 0.4% 18.5% 18.5% -0.2% 53.4 53.7 52.9 53.1 0.2 53.2 52.5 -0.7 -1.3% 52.8 52.7 -0.1 19.8% 21.0% 53.3 53.0 53.1 19.8% -0.5 -0.2 19.8% 21.0% 52.2 0.0 0.1 0.2 21.0% 53.1 0.2% 52.7 52.9 0.4% 52.7 52.5 -0.4% 51.8 51.8 0.0% 22.2% 23.5% 52.9 53.0 52.8 0.2% 22.2% 23.5% 52.6 -0.2% 22.2% 23.5% -0.2 -0.2 -0.4% -0.4% 22.2% 23.5% -0.1 -0.2 0.1 52.8 52.6 51.4 0.0% 52.7 -0.1 -0.2% 52.6 52.4 51.6 -0.4% 24.7% 25.9% 0.0% 24.7% 25.9% 24.7% 25.9% 0.0% 24.7% 25.9% 52.8 52.1 0.0 52.4 0.0% 52.4 0.0 -0.5 0.0 -1.0% 52.2 52.3 52.4 0.1 0.2% 52.4 52.4 51.1 51.1 0.0% 27.2% 28.4% 0.8% 27.2% 28.4% 27.2% 28.4% 51.7 27.2% 52.2 52.3 0.2% 52.4 52.3 -0.1 -0.2 -0.2% 51.0 50.8 -0.2 52 1 51.4 51.9 0.5 28.4% 52.2 52.2 0.0 0.0% 52.4 52.2 -0.4% -0.3 -0.6% 50.9 50.6 29.6% 30.9% 0.6% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 51.4 51.4 52.0 51.9 0.2% 0.2% 52.0 51.9 -0.2 -0.2 -0.4% 50.5 50.3 -0.4 -0.5 52.1 -0.4% -1.0% 32.1% 51.3 0.0 0.0% 32.1% 51.8 51.8 0.0% 32.1% 52.0 51.9 -0.1 -0.2% 32.1% 50.5 50.3 -0.2 -0.4% 33.3% 51.3 0.0 0.0% 33.3% 51.6 -0.2% 33.3% 51.9 51.9 0.0 0.0% 33.3% 50.5 50.2 -0.3 -0.6% 34.6% 51.3 0.0 0.0% 34.6% 51.6 51.6 0.0 0.0% 34.6% 51.9 51.8 -0.1 -0.2% 34.6% 50.4 50.1 -0.3 -0.6% 35.8% 0.0% 35.8% 51.5 35.8% 0.0 0.0% 35.8% 51.2 -0.2% 50.4 50.1 -0.3 -0.6% 37.0% 0.0 0.0% 37.0% 51.5 51.5 0.0% 37.0% 51.7 51.7 0.0 0.0% 37.0% 50.3 49.8 -0.5 -1.0% 38.3% 51.1 51.1 0.0% 38.3% 51.5 38.3% 51.7 -0.2% 38.3% -0.5 51.6 -0.1 49.7 -1.0% 39.5% 51.1 0.0 0.0% 39.5% 51.5 51.4 -0.1 -0.2% 39.5% 51.6 51.5 -0.1 -0.2% 39.5% 49.6 49.6 0.0 0.0% 40.7% 51.0 51.1 0.1 0.2% 40.7% 51.5 51.3 -0.2 -0.4% 40.7% 51.5 51.5 0.0 0.0% 40.7% 49.5 49.5 0.0 0.0% -0.1 42.0% 51.0 51.0 0.0 0.0% 42.0% 51.3 51.2 -0.1-0.2% 42.0% 51.4 51.4 0.0 0.0% 42.0% 49.5 49.4 -0.2%43.2% 50.9 50.9 0.0 0.0% 43.2% 51.2 51.1 -0.1 -0.2% 43.2% 51.3 51.3 0.0 0.0% 43.2% 49.5 49.4 -0.1 -0.2% 44.4% 50.9 -0.1 -0.2% 44.4% 51.2 51.1 -0.2% 44.4% 51.3 0.0% 44.4% 49.5 49.4 -0.1 -0.2% 45.7% 45.7% 45.7% 50.8 50.7 -0.1 -0.2% 51.1 51.0 -0.1 -0.2% 51.2 51.3 0.1 0.2% 45.7% 49.4 49.4 0.0 0.0% 46.9% 50.8 50.6 -0.4% 46.9% 51.0 51.0 0.0% 46.9% 51.2 51.2 0.0% 46.9% 49.2 49.2 0.0 0.0% 48.1% 49.4% 50.7 50.3 -0.4 -0.8% 48.1% 51.0 50.9 -0.1 -0.2% 48.1% 51.2 51.2 0.0 0.0% 48.1% 49.1 49.2 0.1 0.2% 50.3 -0.6% 49.4% 51.0 50.7 -0.3-0.6% 49.4% 0.0% 49.4% 49.0 49.2 0.2 0.4% 50.6% 50.6% 50.6% 50.3 50.2 -0.1 -0.2% 50.9 50.7 -0.2 -0.4% 51.1 51.2 0.1 0.2% 50.6% 49.0 49.0 0.0 0.0% 51.9% 50.3 50.1 -0.2-0.4% 51.9% 0.0 0.0% 0.0% 51.9% 53.1% 49.0 48.9 -0.1 -0.2 -0.2% 53.1% 53.1% 53.1% 0.0 0.0% 0.0% 50.1 50.7 50.7 51.0 51.0 0.0 49 0 48.8 -0.4% 55.6% 56.8% 55.6% 55.6% 55.6% 50.1 50.0 -0.1 -0.2% 50.7 50.6 -0.1 -0.2% 51.0 51.0 0.0 0.0% 48.9 48.7 -0.2 -0.4% 56.8% 58.0% 58.0% 58.0% 49.9 49.8 -0.1 -0.2% 50.6 50.5 -0.1 -0.2% 50.9 50.9 0.0 0.0% 58.0% 48.8 48.7 -0.1 -0.2% 60.5% 60.5% 60.5% 49.8 49.7 -0.1 -0.2% 50.5 50.4 -0.1 -0.2% 50.8 50.8 0.0 0.0% 60.5% 48.6 48.5 -0.1 -0.2% 61.7% 61.7% 48.5 63.0% 63.0% 63.0% 63.0% 49.6 49.6 0.0 0.0% 50.2 50.1 -0.1 -0.2% 50.6 50.6 0.0 0.0% 48.6 48.4 -0.2 -0.4% 64.2% 65.4% 49.6 49.5 49.6 49.5 0.0% 64.2% 65.4% 64.2% 65.4% 0.0% 64.2% 65.4% 48.4 48.3 -0.1 -0.2 0.0 0.0 50.1 0.2% 0.0 50.0 50.3 50.3 48.5 -0.4% 66.7% 67.9% 49.5 49.4 0.0% 66.7% 67.9% 66.7% 67.9% 66.7% 67.9% 49 5 0.0 50.0 0.0% 50.3 50.2 -0.1 -0.1 -0.2% 48.5 48 3 -0.2 -0.2 -0.4% 50.0 0.1 49.4 49.9 0.2% 50.2 50.1 -0.2% 48.4 48.2 -0.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% -0.2% 0.2% 69.1% 70.4% 49.4 0.2% 4Q Q 48.3 48.2 -0.1 -0.3 49.3 49.3 0.0 0.1 0.0% 49.7 49.8 0.1 0.2% 50.0 48.3 48.0 -0.6% 49.9 71.6% 49.3 493 0.0 0.0% 71.6% 49.6 49.8 0.4% 71.6% 49 7 499 0.4% 71.6% 48.2 48.0 -0.2 -0.4% 72.8% 49.2 49.2 0.0 72.8% 49.6 49.7 0.1 0.2% 72.8% 49.5 49.8 0.3 0.6% 72.8% 48.2 47.9 -0.3 -0.6% -0.2% -0.6% 0.0% 74.1% 75.3% 74.1% 75.3% 74.1% 49.6 74.1% 0.6% 48.2 47.9 -0.3 -0.2 75.3% 75.3% 0.3 47.8 49.3 -0.4% 76.5% 48.9 -0.2 -0.4% 76.5% 49.3 49.6 0.6% 76.5% 49.2 49.5 0.3 0.6% 76.5% 48.0 47.8 -0.2 -0.4% 77.8% -0.4% 77.8% 77.8% 0.8% 77.8% 47.7 -0.3 48.8 49.2 49.5 0.3 0.6% 49.1 -0.6% 79.0% 48.7 48.6 -0.1 -0.2% 79.0% 49.2 49.2 0.0 0.0% 79.0% 49.0 49.5 0.5 1.0% 79.0% 47.9 47.6 -0.3 -0.6% 80.2% -0.2% 80.2% 80.2% 0.4 0.8% 80.2% 47.6 48.6 49.0 0.0% 49.0 47.8 -0.2 -0.4% 81.5% 48.1 48.5 0.4 0.8% 81.5% 49.0 49.0 0.0% 81.5% 48.9 49.2 0.6% 81.5% 47.6 47.5 -0.1-0.2%82.7% 47.9 48.2 0.6% 82.7% 48.9 49.0 0.2% 82.7% 48.8 49.2 0.4 0.8% 82.7% 47.6 47.5 -0.1 -0.2% 84.0% 47.4 47.6 0.2 0.4% 84.0% 48.9 48.9 0.0% 84.0% 48.7 49.2 0.5 1.0% 84.0% 47.4 47.3 -0.1 -0.2% 85.2% 47.2 47.4 0.2 0.4% 85.2% 48.7 48.9 0.2 0.4% 85.2% 48.5 49.1 0.6 1.2% 85.2% 47.4 47.2 -0.2 -0.4% 86.4% 47.1 47.2 0.1 0.2% 86.4% 48.7 48.9 0.4% 86.4% 48.4 48.7 0.6% 86.4% 47.3 47.2 -0.1 -0.2% 87.7% 46.9 46.9 0.0 0.0% 87.7% 48.7 48.8 0.1 0.2% 87.7% 48.3 48.5 0.2 0.4% 87.7% 47.2 47 1 -0.1 -0.2% 88.9% 46.9 46.8 -0.1 -0.2% 88.9% 48.5 48.7 0.2 0.4% 88.9% 48.3 48.4 0.1 0.2% 88.9% 47.1 47.1 0.0 0.0% 90.1% 46.8 46.7 -0.1 -0.2% 90.1% 48.0 48.0 0.0 0.0% 90.1% 48.2 48.3 0.1 0.2% 90.1% 47.1 47.1 0.0 0.0% 91.4% 0.0% 91.4% 47.9 91.4% 48.1 48.3 0.4% 91.4% 47.0 0.0 -0.1 -0.1 92.6% 92.6% 92.6% 46.3 46.3 0.0 0.0% 47.7 47.7 0.0 0.0% 48.0 47 9 -0.2% 92.6% 46.9 46.8 -0.2% 93.8% 45.6 0.0 47.4 47.6 0.4% 47.5 47.6 93.8% 45.6 0.0% 93.8% 0.2 93.8% 0.1 0.2% 46.9 46.7 -0.2-0.4%95.1% 95.1% 95.1% 95.1% 45.0 45.0 0.0 0.0% 47.3 47.4 0.1 0.2% 47.5 47.5 0.0 0.0% 46.8 46.4 -0.4 -0.9% 96.3% 44.7 0.0% 96.3% 46.8 46.8 0.0% 96.3% 97.5% 46.7 0.3 0.6% 96.3% 97.5% 46.3 -0.4 -0.1 -0.9% 97.5% 97.5% 44 6 446 0.0 0.0% 46.7 46.7 0.0 0.0% 46.4 46.7 0.6% 46.3 46.2 -0.2% 0.2% 0.0% 98.8% 1.3% 100.0% 100.0% 100.0% 100.0% 44.2 44.3 0.1 0.2% 46.5 46.5 0.0 0.0% 46.0 46.3 0.3 0.7% 46.2 45.6 -0.6 -1.3%

Table SQ-34-5a Trinity River at Douglas City, Monthly Temperature Long-term Average and Average by Water Year Type

	· · · · · · · · · · · · · · · · · · ·													
Analysis Period	Oct	Nov	Dec	Jan		, ,			Jun	Jul	Aug	Sep		
				Loi	ng-term									
Full Simulation Period ¹														
No Action Alternative	51.2	44.5	40.1	39.0	43.0	46.9	51.9	48.8	54.8	58.6	59.5	55.6		
Alternative B	51.1	44.4	40.1	39.1	43.0	46.8	51.8	48.8	54.8	58.5	59.4	55.5		
Difference	-0.1	-0.1	0.0	0.1	0.0	-0.1	0.0	0.0	0.0	-0.1	-0.1	0.0		
Percent Difference ³	-0.2%	-0.2%	0.1%	0.2%	0.0%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	-0.1%	-0.19		
					ear Types									
Wet (32%)														
No Action Alternative	49.8	44.5	41.1	40.4	43.3	46.1	50.8	47.8	51.4	56.9	59.6	54.7		
Alternative B	49.9	44.5	41.1	40.4	43.3	46.0	50.8	47.8	51.4	56.8	59.4	54.8		
Difference	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	-0.2	-0.2	0.1		
Percent Difference	0.1%	0.0%	0.1%	0.0%	-0.1%	-0.2%	0.0%	0.0%	0.1%	-0.3%	-0.3%	0.2%		
Above Normal (15%)														
No Action Alternative	50.3	43.2	40.0	38.7	43.0	46.7	51.8	48.0	53.9	57.8	58.8	54.2		
Alternative B	50.0	42.9	40.0	38.7	43.1	46.8	51.9	47.9	53.8	57.7	58.7	54.2		
Difference	-0.3	-0.2	0.0	0.1	0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1		
Percent Difference	-0.7%	-0.5%	0.0%	0.2%	0.1%	0.1%	0.1%	-0.2%	-0.2%	-0.1%	-0.2%	-0.29		
Below Normal (17%)														
No Action Alternative	51.7	44.7	39.6	38.3	42.4	46.8	52.5	48.6	55.4	59.1	59.8	56.0		
Alternative B	51.5	44.7	39.7	38.4	42.4	46.8	52.5	48.6	55.5	59.2	59.9	56.1		
Difference	-0.2	0.0	0.1	0.0	0.0	-0.1	0.0	0.0	0.1	0.1	0.1	0.0		
Percent Difference	-0.4%	-0.1%	0.3%	0.1%	0.1%	-0.1%	0.0%	0.0%	0.2%	0.1%	0.2%	0.1%		
Dry (22%)														
No Action Alternative	51.3	44.6	40.2	38.0	42.7	47.5	52.7	49.0	57.0	59.2	58.4	55.0		
Alternative B	51.3	44.4	40.2	38.2	42.7	47.4	52.5	49.1	57.1	58.9	58.5	54.7		
Difference	0.0	-0.2	0.0	0.2	0.0	-0.1	-0.2	0.0	0.1	-0.2	0.1	-0.3		
Percent Difference	0.0%	-0.5%	0.0%	0.5%	0.0%	-0.2%	-0.3%	0.1%	0.1%	-0.4%	0.2%	-0.59		
Critical (15%)		•			•	•	•	•						
No Action Alternative	54.5	45.2	38.4	38.8	43.4	47.9	52.3	51.9	59.7	61.8	61.0	58.9		
Alternative B	54.1	45.1	38.6	39.0	43.4	47.9	52.3	51.9	59.6	62.1	60.7	58.9		
Difference	-0.4	0.0	0.2	0.2	0.0	0.0	0.0	0.0	-0.1	0.3	-0.3	0.0		
Percent Difference	-0.7%	-0.1%	0.5%	0.5%	0.1%	0.0%	0.0%	0.0%	-0.2%	0.5%	-0.6%	-0.19		



Figure SQ-34-5b Trinity River at Douglas City, Monthly Temperature Probability of Exceedance

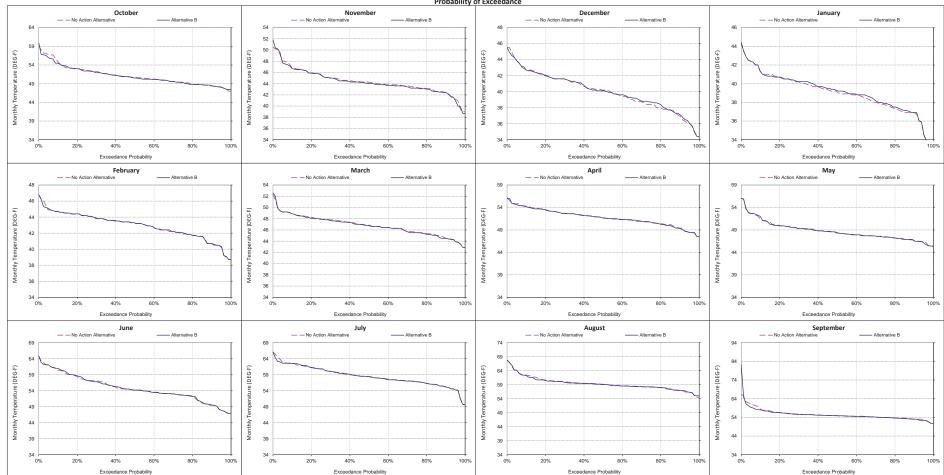


Table SQ-34-5b
Trinity River at Douglas City, Monthly Temperature
Probability of Exceedance

		October					November					December					January		
Percent Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Percent Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Percent Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Percent Exceedance	No Action Alternative	Alternative B	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	 Difference 	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	 Difference 	Difference (%)
(%)	(DFG-F)	(DEG-F)	(DEG-F)	Difference (76)	(%)	(DFG-F)	(DEG-F)	(DEG-F)	Difference (76)	(%)	(DEG-F)	(DFG-F)	(DEG-F)	Dillerence (70)	(%)	(DFG-F)	(DFG-F)	(DEG-F)	Dillerence (76)
0.0%	59.2	59.9	0.7	1.2%	0.0%	50.5	51.8	1.3	2.6%	0.0%	45.5	45.5	0.0	0.0%	0.0%	44.4	44.4	0.0	0.0%
1.2%	58.0	56.8	-1.2	-2.1%	1.2%	50.2	50.4	0.2	0.4%	1.2%	45.5	44.9	-0.6	-1.3%	1.2%	43.5	43.5	0.0	0.0%
2.5%	57.2	56.7	-0.5	-0.9%	2.5%	50.1	50.2	0.1	0.2%	2.5%	44.9	44.5	-0.4	-0.9%	2.5%	42.9	42.9	0.0	0.0%
3.7%	57.1	56.6	-0.5	-0.9%	3.7%	49.2	49.5	0.3	0.6%	3.7%	44.3	44.3	0.0	0.0%	3.7%	42.5	42.5	0.0	0.0%
4.9%	56.8	56.0	-0.8	-1.4%	4.9%	48.0	47.7	-0.3	-0.6%	4.9%	43.9	43.9	0.0	0.0%	4.9%	42.4	42.4	0.0	0.0%
6.2%	56.7	55.7	-1.0	-1.8%	6.2%	48.0	47.5	-0.5	-1.0%	6.2%	43.6	43.6	0.0	0.0%	6.2%	42.3	42.3	0.0	0.0%
7.4%	56.7	55.6	-1.1	-1.9%	7.4%	47.7	47.4	-0.3	-0.6%	7.4%	43.1	43.2	0.1	0.2%	7.4%	42.0	42.0	0.0	0.0%
8.6%	55.7	54.5	-1.2	-2.2%	8.6%	47.5	47.2	-0.3	-0.6%	8.6%	42.9	43.1	0.2	0.5%	8.6%	42.0	42.0	0.0	0.0%
9.9%	54.9	54.5	-0.4	-0.7%	9.9%	46.8	46.7	-0.1	-0.2%	9.9%	42.8	42.7	-0.1	-0.2%	9.9%	41.3	41.3	0.0	0.0%
11.1%	54.2	54.2	0.0	0.0%	11.1%	46.8	46.6	-0.2	-0.4%	11.1%	42.7	42.6	-0.1	-0.2%	11.1%	41.1	41.0	-0.1	-0.2%
12.3%	54.0	53.8	-0.2	-0.4%	12.3%	46.6	46.5	-0.1	-0.2%	12.3%	42.7	42.6	-0.1	-0.2%	12.3%	41.0	40.9	-0.1	-0.2%
13.6%	53.4	53.8	0.4	0.7%	13.6%	46.6	46.5	-0.1	-0.2%	13.6%	42.6	42.5	-0.1	-0.2%	13.6%	41.0	40.8	-0.2	-0.5%
14.8%	53.2	53.6	0.4	0.8%	14.8%	46.4	46.5	0.1	0.2%	14.8%	42.5	42.4	-0.1	-0.2%	14.8%	41.0	40.8	-0.2	-0.5%
16.0%	53.1	53.2	0.1	0.2%	16.0%	46.4	46.4	0.0	0.0%	16.0%	42.3	42.3	0.0	0.0%	16.0%	41.0	40.8	-0.2	-0.5%
17.3%	53.1	53.1	0.0	0.0%	17.3%	46.3	46.3	0.0	0.0%	17.3%	42.3	42.2	-0.1	-0.2%	17.3%	40.8	40.7	-0.1	-0.2%
18.5%	53.0	53.1	0.1	0.2%	18.5%	46.0	45.9	-0.1	-0.2%	18.5%	42.2	42.2	0.0	0.0%	18.5%	40.8	40.7	-0.1	-0.2% 0.0%
19.8%	52.9	53.0	0.1	0.2%	19.8%	45.9	45.9	0.0	0.0%	19.8%	42.1	42.0	-0.1	-0.2%	19.8%	40.7	40.7	0.0	0.0%
21.0%	52.9	53.0	0.1	0.2%	21.0%	45.9	45.8	-0.1	-0.2%	21.0%	42.0	41.9	-0.1	-0.2%	21.0%	40.7	40.6	-0.1	-0.2%
22.2%	52.8	52.6	-0.2	-0.4%	22.2%	45.8	45.8	0.0	0.0%	22.2%	41.8	41.8	0.0	0.0%	22.2%	40.5	40.5	0.0	0.0%
23.5%	52.8	52.4	-0.4	-0.8%	23.5%	45.8	45.8	0.0	0.0%	23.5%	41.7	41.7	0.0	0.0%	23.5%	40.5	40.5	0.0	0.0%
24.7%	52.5	52.4	-0.1	-0.2%	24.7%	45.7	45.6	-0.1	-0.2%	24.7%	41.6	41.6	0.0	0.0%	24.7%	40.5	40.5	0.0	0.0%
25.9%	52.5	52.4	-0.1	-0.2%	25.9%	45.3	45.3	0.0	0.0%	25.9%	41.6	41.6	0.0	0.0%	25.9%	40.4	40.4	0.0	0.0%
27.2%	52.4	52.3	-0.1	-0.2%	27.2%	45.1	45.1	0.0	0.0%	27.2%	41.6	41.6	0.0	0.0%	27.2%	40.4	40.4	0.0	0.0%
28.4%	52.3	52.2	-0.1	-0.2%	28.4%	45.1	45.1	0.0	0.0%	28.4%	41.6	41.6	0.0	0.0%	28.4%	40.2	40.3	0.1	0.2%
29.6%	52.2	51.9	-0.3	-0.6%	29.6%	45.0	45.0	0.0	0.0%	29.6%	41.6	41.6	0.0	0.0%	29.6%	40.2	40.2	0.0	0.0%
30.9%	52.2	51.9	-0.3	-0.6%	30.9%	45.0	45.0	0.0	0.0%	30.9%	41.5	41.5	0.0	0.0%	30.9%	40.1	40.2	0.1	0.2%
32.1%	51.8	51.9	0.1	0.2%	32.1%	45.0	44.9	-0.1	-0.2%	32.1%	41.4	41.4	0.0	0.0%	32.1%	40.0	40.2	0.2	0.5%
33.3%	51.7	51.7 51.7	0.0	0.0%	33.3%	44.9 44.8	44.7 44.5	-0.2	-0.4%	33.3%	41.2	41.3	0.1	0.2%	33.3%	40.0	40.2	0.2	0.5%
34.6% 35.8%	51.6 51.6	51.7 51.6	0.1	0.2%	34.6% 35.8%	44.8 44.6	44.5 44.5	-0.3 -0.1	-0.7% -0.2%	34.6% 35.8%	41.2	41.3 41.2	0.1	0.2%	34.6% 35.8%	39.9 39.9	40.2 40.1	0.3	0.8%
35.8%	51.6 51.4	51.6 51.4	0.0	0.0%	35.8%	44.b 44.6	44.5 44.5	-0.1	-0.2%	35.8%	41.2 41.1	41.2 41.1	0.0	0.0%	35.8%	39.9	40.1	0.2	0.5%
	51.3			0.0%	38.3%	44.6	44.5				40.9	41.1		0.5%	38.3%	39.7	39.9		
38.3% 39.5%	51.2	51.3 51.3	0.0	0.0%	39.5%	44.5	44.5	-0.1 -0.1	-0.2% -0.2%	38.3% 39.5%	40.7	40.9	0.2	0.5%	39.5%	39.6	39.7	0.2	0.5% 0.3%
40.7%	51.2	51.2	0.0	0.2%	40.7%	44.5	44.4	-0.1	-0.4%	40.7%	40.7	40.6	0.2	0.0%	40.7%	39.6	39.7		
42.0%	51.2	51.2	-0.1	-0.2%	40.7%	44.4	44.3	-0.2	-0.4%	42.0%	40.4	40.6	0.0	0.0%	40.7%	39.5	39.7	0.1 0.2	0.3% 0.5%
43.2%	51.0	50.9	-0.1	-0.2%	43.2%	44.4	44.3	-0.1	-0.2%	43.2%	40.4	40.3	-0.1	-0.2%	43.2%	39.4	39.6	0.2	0.5%
44.4%	50.9	50.9	0.0	0.0%	44.4%	44.4	44.3	-0.1	-0.2%	44.4%	40.4	40.2	-0.1	-0.5%	44.4%	39.4	39.5	0.1	0.3%
45.7%	50.9	50.9	0.0	0.0%	45.7%	44.3	44.2	-0.1	-0.2%	45.7%	40.3	40.2	-0.1	-0.2%	45.7%	39.3	39.5	0.2	0.5%
46.9%	50.9	50.8	-0.1	-0.2%	46.9%	44.3	44.2	-0.1	-0.2%	46.9%	40.3	40.1	-0.1	-0.5%	46.9%	39.2	39.4	0.2	0.5%
48.1%	50.7	50.7	0.0	0.0%	48.1%	44.3	44.1	-0.2	-0.5%	48.1%	40.3	40.1	-0.2	-0.5%	48.1%	39.2	39.4	0.2	0.5%
49.4%	50.7	50.5	-0.2	-0.4%	49.4%	44.3	44.1	-0.2	-0.5%	49.4%	40.2	40.1	-0.1	-0.2%	49.4%	39.2	39.3	0.1	0.3%
50.6%	50.7	50.5	-0.2	-0.4%	50.6%	44.2	44.0	-0.2	-0.5%	50.6%	40.2	40.1	-0.1	-0.2%	50.6%	39.0	39.2	0.2	0.5%
51.9%	50.6	50.4	-0.2	-0.4%	51.9%	44.2	44.0	-0.2	-0.5%	51.9%	40.1	40.0	-0.1	-0.2%	51.9%	38.9	39.2	0.3	0.8%
53.1%	50.6	50.3	-0.3	-0.6%	53.1%	44.1	43.9	-0.2	-0.5%	53.1%	40.1	39.9	-0.2	-0.5%	53.1%	38.9	39.2	0.3	0.8%
54.3%	50.5	50.2	-0.3	-0.6%	54.3%	44.0	43.8	-0.2	-0.5%	54.3%	39.9	39.9	0.0	0.0%	54.3%	38.9	39.1	0.2	0.5%
55.6%	50.4	50.2	-0.2	-0.4%	55.6%	44.0	43.8	-0.2	-0.5%	55.6%	39.8	39.7	-0.1	-0.3%	55.6%	38.9	39.0	0.1	0.3%
56.8%	50.4	50.2	-0.2	-0.4%	56.8%	43.9	43.8	-0.1	-0.2%	56.8%	39.7	39.7	0.0	0.0%	56.8%	38.9	38.9	0.0	0.0%
58.0%	50.3	50.2	-0.1	-0.2%	58.0%	43.9	43.8	-0.1	-0.2%	58.0%	39.6	39.6	0.0	0.0%	58.0%	38.8	38.9	0.1	0.3%
59.3%	50.2	50.1	-0.1	-0.2%	59.3%	43.9	43.7	-0.2	-0.5%	59.3%	39.5	39.6	0.1	0.3%	59.3%	38.8	38.9	0.1	0.3%
60.5%	50.2	50.1	-0.1	-0.2%	60.5%	43.9	43.7	-0.2	-0.5%	60.5%	39.4	39.6	0.2	0.5%	60.5%	38.8	38.8	0.0	0.0%
61.7%	50.1	50.1	0.0	0.0%	61.7%	43.8	43.7	-0.1	-0.2%	61.7%	39.4	39.5	0.1	0.3%	61.7%	38.7	38.8	0.1	0.3%
63.0%	50.1	50.0	-0.1	-0.2%	63.0%	43.8	43.6	-0.2	-0.5%	63.0%	39.2	39.3	0.1	0.3%	63.0%	38.6	38.8	0.2	0.5%
64.2%	50.0	49.9	-0.1	-0.2%	64.2%	43.8	43.6	-0.2	-0.5%	64.2%	39.0	39.3	0.3	0.8%	64.2%	38.5	38.8	0.3	0.8%
65.4%	50.0	49.9	-0.1	-0.2%	65.4%	43.8	43.6	-0.2	-0.5%	65.4%	39.0	39.2	0.2	0.5%	65.4%	38.4	38.7	0.3	0.8%
66.7%	49.8	49.9	0.1	0.2%	66.7%	43.7	43.6	-0.1	-0.2%	66.7%	38.8	39.2	0.4	1.0%	66.7%	38.3	38.6	0.3	0.8%
67.9%	49.7	49.6	-0.1	-0.2%	67.9%	43.6	43.6	0.0	0.0%	67.9%	38.8	39.1	0.3	0.8%	67.9%	38.1	38.5	0.4	1.0%
69.1%	49.6	49.6	0.0	0.0%	69.1%	43.6	43.5	-0.1	-0.2%	69.1%	38.8	38.9	0.1	0.3%	69.1%	38.0	38.3	0.3	0.8%
70.4%	49.6	49.5	-0.1	-0.2%	70.4% 71.6%	43.6	43.4	-0.2 -0.3	-0.5%	70.4%	38.7	38.8	0.1	0.3%	70.4%	38.0	38.1	0.1	0.3%
71.6%	49.5	49.4	-0.1	-0.2%		43.5	43.2		-0.7%	71.6%	38.5	38.8	0.3	0.8%	71.6%	37.9	38.0	0.1	0.3%
72.8% 74.1%	49.4 49.4	49.4 49.3	0.0 -0.1	0.0%	72.8% 74.1%	43.4 43.4	43.2 43.2	-0.2 -0.2	-0.5% -0.5%	72.8% 74.1%	38.4 38.4	38.8 38.7	0.4	1.0%	72.8% 74.1%	37.8 37.8	38.0 37.9	0.2	0.5%
			-0.1 -0.2				43.2 43.2					38.7 38.7				37.8 37.7	37.9 37.9	0.1	
75.3% 76.5%	49.4 49.2	49.2 49.0	-0.2	-0.4% -0.4%	75.3% 76.5%	43.3 43.2	43.2	-0.1 -0.1	-0.2% -0.2%	75.3% 76.5%	38.4 38.4	38.7	0.3	0.8%	75.3% 76.5%	37.7	37.9 37.8	0.2	0.5% 0.3%
	49.2 49.2	49.0 48.9		-0.4%		43.2	43.1	-0.1				38.6 38.6	0.2	1.6%		37.7 37.5	37.8	0.1	0.5%
77.8% 79.0%	49.2 49.0	48.9 48.8	-0.3 -0.2	-0.6%	77.8% 79.0%	43.2 43.2	43.1 43.1	-0.1	-0.2% -0.2%	77.8% 79.0%	38.0 38.0	38.5	0.6	1.5%	77.8% 79.0%	37.5 37.4	37.7	0.2	0.5%
80.2%	48.8	48.8	0.0	0.0%	80.2%	43.1	43.0	-0.1	-0.2%	80.2%	37.9	38.3	0.4	1.1%	80.2%	37.3	37.5	0.1	0.5%
81.5%	48.8	48.8	0.0	0.0%	81.5%	43.1	43.0	-0.1	-0.2%	81.5%	37.8	38.0	0.4	0.5%	81.5%	37.2	37.4	0.2	0.5%
82.7%	48.8	48.8	0.0	0.0%	82.7%	43.0	43.0	-0.1	-0.2%	82.7%	37.8	37.9	0.2	0.5%	82.7%	37.2	37.4	0.2	0.5%
84.0%	48.7	48.7	0.0	0.0%	84.0%	42.7	42.6	-0.3	-0.2%	84.0%	37.8	37.7	-0.1	-0.3%	84.0%	37.0	37.2	0.2	0.5%
85.2%	48.7	48.7	0.0	0.0%	85.2%	42.6	42.6	0.0	0.0%	85.2%	37.7	37.7	0.0	0.0%	85.2%	36.9	37.1	0.2	0.5%
86.4%	48.6	48.6	0.0	0.0%	86.4%	42.6	42.5	-0.1	-0.2%	86.4%	37.6	37.5	-0.1	-0.3%	86.4%	36.9	37.1	0.2	0.5%
87.7%	48.6	48.6	0.0	0.0%	87.7%	42.6	42.5	-0.1	-0.2%	87.7%	37.3	37.3	0.0	0.0%	87.7%	36.9	37.0	0.2	0.3%
88.9%	48.4	48.6	0.0	0.4%	88.9%	42.5	42.4	-0.1	-0.2%	88.9%	37.1	37.3	0.0	0.5%	88.9%	36.9	36.9	0.0	0.0%
90.1%	48.4	48.4	0.0	0.0%	90.1%	42.4	42.4	0.0	0.0%	90.1%	36.9	37.1	0.2	0.5%	90.1%	36.9	36.9	0.0	0.0%
91.4%	48.3	48.3	0.0	0.0%	91.4%	42.2	42.1	-0.1	-0.2%	91.4%	36.5	36.8	0.2	0.8%	91.4%	36.7	36.9	0.2	0.5%
92.6%	48.2	48.2	0.0	0.0%	92.6%	41.7	41.7	0.0	0.0%	92.6%	36.3	36.5	0.2	0.6%	92.6%	36.0	36.0	0.0	0.0%
93.8%	48.2	48.1	-0.1	-0.2%	93.8%	41.3	41.6	0.3	0.7%	93.8%	36.1	36.4	0.2	0.8%	93.8%	35.9	35.9	0.0	0.0%
95.1%	48.1	48.0	-0.1	-0.2%	95.1%	41.2	40.9	-0.3	-0.7%	95.1%	36.0	36.0	0.0	0.0%	95.1%	34.5	34.5	0.0	0.0%
96.3%	47.6	47.8	0.2	0.4%	96.3%	40.9	40.0	-0.9	-2.2%	96.3%	35.7	35.7	0.0	0.0%	96.3%	33.9	33.9	0.0	0.0%
97.5%	47.5	47.5	0.0	0.0%	97.5%	39.4	39.9	0.5	1.3%	97.5%	34.9	35.0	0.1	0.3%	97.5%	33.7	33.7	0.0	0.0%
98.8%	47.0	47.4	0.4	0.9%	98.8%	39.0	38.7	-0.3	-0.8%	98.8%	34.4	34.4	0.0	0.0%	98.8%	28.9	28.9	0.0	0.0%
100.0%	47.0	47.4	0.4	0.9%	100.0%	39.0	38.7	-0.3	-0.8%	100.0%	34.4	34.4	0.0	0.0%	100.0%	28.9	28.9	0.0	0.0%
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Table SQ-34-5b
Trinity River at Douglas City, Monthly Temperature
Probability of Exceedance

May

March

February

Percent					Percent					Percent		Aprii			Percent				
Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	46.8	46.8	0.0	0.0%	0.0%	52.3	52.6	0.3	0.6%	0.0%	56.1	56.1	0.0	0.0%	0.0%	56.0	56.0	0.0	0.0%
1.2%	46.2	46.2	0.0	0.0%	1.2%	51.4	52.0	0.6	1.2%	1.2%	55.6	56.0	0.4	0.7%	1.2%	55.9	55.9	0.0	0.0%
2.5%	46.1	45.3	-0.8	-1.7%	2.5%	49.9	49.9	0.0	0.0%	2.5%	55.0	54.9	-0.1	-0.2%	2.5%	53.6	53.8	0.2	0.4%
3.7%	45.4	45.2	-0.2	-0.4%	3.7%	49.4	49.4	0.0	0.0%	3.7%	54.9	54.8	-0.1	-0.2%	3.7%	52.8	52.9	0.1	0.2%
4.9%	44.9	45.1	0.2	0.4%	4.9%	49.2	49.2	0.0	0.0%	4.9%	54.8	54.7	-0.1	-0.2%	4.9%	52.7	52.7	0.0	0.0%
6.2% 7.4%	44.9 44.8	44.9 44.8	0.0	0.0%	6.2% 7.4%	49.2 49.2	49.2 49.2	0.0	0.0%	6.2% 7.4%	54.8 54.4	54.4 54.4	-0.4 0.0	-0.7% 0.0%	6.2% 7.4%	52.6 52.3	52.7 52.5	0.1	0.2%
8.6%	44.8 44.7	44.8 44.7	0.0		8.6%	49.2 49.1	49.2 49.1	0.0	0.0%	8.6%	54.4 54.4	54.4 54.3	-0.1	-0.2%	7.4% 8.6%	52.3 52.1	52.5 52.3	0.2	0.4%
9.9%	44.7	44.7	0.0	0.0%	9.9%	48.9	48.9	0.0	0.0%	9.9%	54.4	54.3 54.2	-0.1	-0.2%	9.9%	51.4	52.3 52.0	0.2	1.2%
11.1%	44.6	44.6	0.0	0.0%	11.1%	48.8	48.8	0.0	0.0%	11.1%	54.3	54.0	-0.1	-0.6%	11.1%	51.1	51.1	0.0	0.0%
12.3%	44.6	44.6	0.0	0.0%	12.3%	48.6	48.6	0.0	0.0%	12.3%	54.0	53.9	-0.3	-0.2%	12.3%	51.1	51.0	-0.1	-0.2%
13.6%	44.5	44.5	0.0	0.0%	13.6%	48.6	48.5	-0.1	-0.2%	13.6%	53.9	53.8	-0.1	-0.2%	13.6%	50.9	50.9	0.0	0.0%
14.8%	44.5	44.5	0.0	0.0%	14.8%	48.6	48.5	-0.1	-0.2%	14.8%	53.9	53.7	-0.2	-0.4%	14.8%	50.8	50.3	-0.5	-1.0%
16.0%	44.4	44.5	0.1	0.2%	16.0%	48.5	48.4	-0.1	-0.2%	16.0%	53.8	53.7	-0.1	-0.2%	16.0%	50.3	50.2	-0.1	-0.2%
17.3%	44.4	44.4	0.0	0.0%	17.3%	48.4	48.2	-0.2	-0.4%	17.3%	53.7	53.7	0.0	0.0%	17.3%	50.2	50.0	-0.2	-0.4%
18.5%	44.4	44.4	0.0	0.0%	18.5%	48.4	48.2	-0.2	-0.4%	18.5%	53.7	53.6	-0.1	-0.2%	18.5%	50.1	50.0	-0.1	-0.2%
19.8%	44.4	44.4	0.0	0.0%	19.8%	48.3	48.1	-0.2	-0.4%	19.8%	53.6	53.5	-0.1	-0.2%	19.8%	50.0	49.9	-0.1	-0.2%
21.0%	44.4	44.4	0.0	0.0%	21.0%	48.2	48.1	-0.1	-0.2%	21.0%	53.4	53.3	-0.1	-0.2%	21.0%	49.9	49.9	0.0	0.0%
22.2%	44.2	44.2	0.0	0.0%	22.2%	48.0	48.0	0.0	0.0%	22.2%	53.2	53.2	0.0	0.0%	22.2%	49.9	49.9	0.0	0.0%
23.5%	44.2	44.2	0.0	0.0%	23.5%	48.0	48.0	0.0	0.0%	23.5%	53.2	53.2	0.0	0.0%	23.5%	49.8	49.8	0.0	0.0%
24.7%	44.2	44.2	0.0	0.0%	24.7%	48.0	47.9	-0.1	-0.2%	24.7%	53.1	53.1	0.0	0.0%	24.7%	49.8	49.8	0.0	0.0%
25.9%	44.1	44.1 44.1	0.0	0.0%	25.9%	47.9 47.9	47.9	0.0	0.0%	25.9%	53.0	53.0	0.0	0.0%	25.9%	49.5	49.6	0.1	0.2%
27.2%	44.1 44.1	44.1 44.0	0.0	0.0% -0.2%	27.2% 28.4%	47.9 47.9	47.8 47.8	-0.1 -0.1	-0.2%	27.2% 28.4%	52.9 52.7	52.9 52.7	0.0	0.0%	27.2% 28.4%	49.5 49.5	49.5 49.5	0.0	0.0%
28.4% 29.6%	44.1	44.0	-0.1 0.1		28.4%	47.9 47.8	47.8 47.7	-0.1	-0.2% -0.2%	28.4%	52.7 52.7	52.7	0.0	0.0%	28.4%	49.5 49.3	49.5 49.3	0.0	0.0%
30.9%	43.8	43.9	0.1	0.2%	30.9%	47.8 47.8	47.7 47.6	-0.1	-0.2%	30.9%	52.7 52.7	52.7 52.6	-0.1	-0.2%	30.9%	49.3 49.3	49.3 49.3	0.0	0.0%
32.1%	43.8	43.8	0.0	0.0%	32.1%	47.8	47.6	-0.2	-0.4%	32.1%	52.6	52.6	0.0	0.2%	32.1%	49.3	49.3	0.0	0.0%
33.3%	43.8	43.8	0.0	0.0%	33.3%	47.7	47.5	-0.2	-0.4%	33.3%	52.6	52.6	0.0	0.0%	33.3%	49.3	49.2	-0.1	-0.2%
34.6%	43.7	43.7	0.0	0.0%	34.6%	47.6	47.5	-0.2	-0.2%	34.6%	52.6	52.6	0.0	0.0%	34.6%	49.3	49.2	-0.1	-0.2%
35.8%	43.6	43.6	0.0	0.0%	35.8%	47.6	47.4	-0.2	-0.4%	35.8%	52.5	52.5	0.0	0.0%	35.8%	49.2	49.2	0.0	0.0%
37.0%	43.6	43.6	0.0	0.0%	37.0%	47.5	47.4	-0.1	-0.2%	37.0%	52.4	52.4	0.0	0.0%	37.0%	49.2	49.0	-0.2	-0.4%
38.3%	43.6	43.6	0.0	0.0%	38.3%	47.4	47.4	0.0	0.0%	38.3%	52.4	52.3	-0.1	-0.2%	38.3%	49.0	48.9	-0.1	-0.2%
39.5%	43.5	43.6	0.1	0.2%	39.5%	47.4	47.3	-0.1	-0.2%	39.5%	52.3	52.2	-0.1	-0.2%	39.5%	48.9	48.8	-0.1	-0.2%
40.7%	43.5	43.5	0.0	0.0%	40.7%	47.3	47.3	0.0	0.0%	40.7%	52.2	52.2	0.0	0.0%	40.7%	48.8	48.8	0.0	0.0%
42.0%	43.5	43.5	0.0	0.0%	42.0%	47.3	47.1	-0.2	-0.4%	42.0%	52.2	52.1	-0.1	-0.2%	42.0%	48.8	48.8	0.0	0.0%
43.2%	43.4	43.4	0.0	0.0%	43.2%	47.1	47.0	-0.1	-0.2%	43.2%	52.1	52.1	0.0	0.0%	43.2%	48.8	48.7	-0.1	-0.2%
44.4%	43.4	43.4	0.0	0.0%	44.4%	47.0	47.0	0.0	0.0%	44.4%	52.1	52.0	-0.1	-0.2%	44.4%	48.7	48.7	0.0	0.0%
45.7%	43.4	43.4	0.0	0.0%	45.7%	47.0	47.0	0.0	0.0%	45.7%	52.0	51.9	-0.1	-0.2%	45.7%	48.6	48.7	0.1	0.2%
46.9% 48.1%	43.4 43.3	43.4 43.3	0.0	0.0%	46.9% 48.1%	47.0 46.9	46.9 46.8	-0.1 -0.1	-0.2% -0.2%	46.9% 48.1%	51.9	51.9 51.9	0.0	0.0%	46.9% 48.1%	48.6 48.6	48.6 48.6	0.0	0.0%
49.4%	43.3	43.3	0.0	0.0%	49.4%	46.9	46.8	-0.1	-0.2%	49.4%	51.9 51.7	51.7	0.0	0.0%	49.4%	48.3	48.5	0.0	0.4%
50.6%	43.2	43.2	0.0	0.0%	50.6%	46.8	46.7	-0.1	-0.2%	50.6%	51.6	51.7	0.0	0.0%	50.6%	48.3	48.3	0.0	0.4%
51.9%	43.2	43.2	0.0	0.0%	51.9%	46.6	46.6	0.0	0.0%	51.9%	51.6	51.6	0.0	0.0%	51.9%	48.2	48.2	0.0	0.0%
53.1%	43.2	43.2	0.0	0.0%	53.1%	46.6	46.6	0.0	0.0%	53.1%	51.6	51.6	0.0	0.0%	53.1%	48.2	48.2	0.0	0.0%
54.3%	43.1	43.1	0.0	0.0%	54.3%	46.6	46.6	0.0	0.0%	54.3%	51.5	51.5	0.0	0.0%	54.3%	48.1	48.1	0.0	0.0%
55.6%	43.0	43.0	0.0	0.0%	55.6%	46.6	46.6	0.0	0.0%	55.6%	51.4	51.5	0.1	0.2%	55.6%	48.1	48.1	0.0	0.0%
56.8%	42.9	42.9	0.0	0.0%	56.8%	46.4	46.4	0.0	0.0%	56.8%	51.4	51.5	0.1	0.2%	56.8%	48.0	48.0	0.0	0.0%
58.0%	42.9	42.9	0.0	0.0%	58.0%	46.4	46.4	0.0	0.0%	58.0%	51.3	51.4	0.1	0.2%	58.0%	47.9	48.0	0.1	0.2%
59.3%	42.8	42.8	0.0	0.0%	59.3%	46.4	46.4	0.0	0.0%	59.3%	51.3	51.4	0.1	0.2%	59.3%	47.9	47.9	0.0	0.0%
60.5%	42.6	42.6	0.0	0.0%	60.5%	46.4	46.4	0.0	0.0%	60.5%	51.3	51.3	0.0	0.0%	60.5%	47.9	47.9	0.0	0.0%
61.7%	42.5	42.5	0.0	0.0%	61.7%	46.3	46.3	0.0	0.0%	61.7%	51.3	51.3	0.0	0.0%	61.7%	47.8	47.9	0.1	0.2%
63.0%	42.4	42.5	0.1	0.2%	63.0%	46.3	46.3	0.0	0.0%	63.0%	51.2	51.3	0.1	0.2%	63.0%	47.7	47.8	0.1	0.2%
64.2% 65.4%	42.4 42.4	42.4 42.4	0.0	0.0%	64.2% 65.4%	46.3 46.3	46.3 46.3	0.0	0.0%	64.2% 65.4%	51.2 51.1	51.3 51.2	0.1	0.2%	64.2% 65.4%	47.7 47.7	47.7 47.7	0.0	0.0%
		42.4		0.0%		46.2	46.3							0.2%		47.7	47.7		
66.7% 67.9%	42.4 42.2	42.4 42.4	0.0	0.5%	66.7% 67.9%	46.2 46.0	46.3 46.0	0.1	0.2%	66.7% 67.9%	51.0 50.9	51.2 51.1	0.2	0.4%	66.7% 67.9%	47.7 47.7	47.7 47.7	0.0	0.0%
69.1%	42.2	42.4	0.0	0.0%	69.1%	45.8	45.8	0.0	0.0%	69.1%	50.9	51.0	0.2	0.2%	69.1%	47.6	47.7	0.0	0.2%
70.4%	42.1	42.2	0.1	0.2%	70.4%	45.7	45.6	-0.1	-0.2%	70.4%	50.9	50.9	0.0	0.0%	70.4%	47.6	47.6	0.0	0.0%
71.6%	42.1	42.1	0.0	0.0%	71.6%	45.7	45.5	-0.2	-0.4%	71.6%	50.9	50.8	-0.1	-0.2%	71.6%	47.6	47.6	0.0	0.0%
72.8%	42.1	42.1	0.0	0.0%	72.8%	45.7	45.5	-0.2	-0.4%	72.8%	50.9	50.8	-0.1	-0.2%	72.8%	47.6	47.5	-0.1	-0.2%
74.1%	41.9	42.1	0.2	0.5%	74.1%	45.6	45.5	-0.1	-0.2%	74.1%	50.8	50.8	0.0	0.0%	74.1%	47.5	47.4	-0.1	-0.2%
75.3%	41.9	42.0	0.1	0.2%	75.3%	45.5	45.5	0.0	0.0%	75.3%	50.6	50.7	0.1	0.2%	75.3%	47.5	47.4	-0.1	-0.2%
76.5%	41.9	41.9	0.0	0.0%	76.5%	45.5	45.5	0.0	0.0%	76.5%	50.5	50.6	0.1	0.2%	76.5%	47.4	47.4	0.0	0.0%
77.8%	41.8	41.8	0.0	0.0%	77.8%	45.5	45.4	-0.1	-0.2%	77.8%	50.5	50.5	0.0	0.0%	77.8%	47.3	47.3	0.0	0.0%
79.0%	41.8	41.8	0.0	0.0%	79.0%	45.4	45.3	-0.1	-0.2%	79.0%	50.4	50.4	0.0	0.0%	79.0%	47.2	47.3	0.1	0.2%
80.2%	41.7 41.7	41.7 41.7	0.0	0.0%	80.2%	45.4	45.2	-0.2 -0.1	-0.4%	80.2%	50.4	50.2	-0.2	-0.4%	80.2%	47.2 47.1	47.2 47.1	0.0	0.0%
81.5% 82.7%	41.7	41.7	0.0	0.0%	81.5% 82.7%	45.3 45.3	45.2 45.1	-0.1	-0.2% -0.4%	81.5% 82.7%	50.3 50.2	50.2 50.0	-0.1 -0.2	-0.2% -0.4%	81.5% 82.7%	47.1 47.1	47.1 47.1	0.0	0.0%
82.7% 84.0%	41.6 41.6	41.6	0.0	0.0%	82.7% 84.0%	45.3 45.2	45.1 45.0	-0.2	-0.4%	82.7% 84.0%	50.2 50.2	50.0	-0.2	-0.4%	82.7% 84.0%	47.1 47.1	47.1	-0.2	-0.4%
85.2%	41.6	41.6	0.0	0.0%	85.2%	45.0	45.0	0.0	0.0%	85.2%	50.2	49.9	-0.2	-0.4%	85.2%	46.9	46.9	0.0	0.0%
86.4%	41.3	41.2	-0.1	-0.2%	86.4%	45.0	44.7	-0.3	-0.7%	86.4%	49.9	49.7	-0.2	-0.4%	86.4%	46.9	46.9	0.0	0.0%
87.7%	40.7	40.7	0.0	0.0%	87.7%	44.9	44.5	-0.4	-0.9%	87.7%	49.7	49.4	-0.2	-0.6%	87.7%	46.8	46.9	0.1	0.2%
88.9%	40.7	40.7	0.0	0.0%	88.9%	44.7	44.5	-0.2	-0.4%	88.9%	49.5	49.4	-0.1	-0.2%	88.9%	46.8	46.9	0.1	0.2%
90.1%	40.6	40.7	0.1	0.2%	90.1%	44.5	44.5	0.0	0.0%	90.1%	49.4	49.3	-0.1	-0.2%	90.1%	46.7	46.5	-0.2	-0.4%
91.4%	40.5	40.6	0.1	0.2%	91.4%	44.4	44.4	0.0	0.0%	91.4%	49.4	49.1	-0.3	-0.6%	91.4%	46.5	46.5	0.0	0.0%
92.6%	40.5	40.5	0.0	0.0%	92.6%	44.4	44.3	-0.1	-0.2%	92.6%	48.7	48.7	0.0	0.0%	92.6%	46.4	46.5	0.1	0.2%
93.8%	40.3	40.5	0.2	0.5%	93.8%	44.3	44.3	0.0	0.0%	93.8%	48.6	48.6	0.0	0.0%	93.8%	46.4	46.4	0.0	0.0%
95.1%	40.3	40.3	0.0	0.0%	95.1%	43.9	43.9	0.0	0.0%	95.1%	48.4	48.4	0.0	0.0%	95.1%	46.4	46.1	-0.3	-0.6%
96.3%	39.2	39.2	0.0	0.0%	96.3%	43.8	43.8	0.0	0.0%	96.3%	48.4	48.4	0.0	0.0%	96.3%	46.1	45.7	-0.4	-0.9%
97.5%	39.0	39.1	0.1	0.3%	97.5%	43.5	43.5	0.0	0.0%	97.5%	48.3	48.4	0.1	0.2%	97.5%	45.5	45.5	0.0	0.0%
98.8% 100.0%	38.7 38.7	38.7 38.7	0.0	0.0%	98.8% 100.0%	42.9 42.9	42.9 42.9	0.0	0.0%	98.8% 100.0%	47.5 47.5	47.5 47.5	0.0	0.0%	98.8% 100.0%	45.3 45.3	45.4 45.4	0.1	0.2%
100.0%	30.7	30.7	0.0	0.0%	100.0%	42.9	42.9	0.0	0.0%	100.0%	47.5	47.5	0.0	0.0%	100.0%	40.3	45.4	U. I	0.2%

Table SQ-34-5b
Trinity River at Douglas City, Monthly Temperature
Probability of Exceedance

Part										Probability	of Exceedance									
The column The	Percent		June			Percent		July			Percent		August			Percent		September		
Mary Section West		No Action Alternative	Alternative B		Relative		No Action Alternative	Alternative B		Relative		No Action Alternative	Alternative B		Relative		No Action Alternative	Alternative B		Relative
Decomposition Color					Difference (%)					Difference (%)					Difference (%)	Probability				Difference (%)
The column	(%)				0.0%	(%)				-0.2%	(%)				-0.1%	(%)				2/ 1%
250	1.2%				-0.6%	1.2%				-1.5%	1.2%					1.2%				
Color	2.5%				-1.0%	2.5%					2.5%					2.5%				
STATE																				
15																				
Section Sect																				
146. 601 601 60 60 60 60 60 60 60 60 60 60 60 60 60	8.6%	61.1	61.0	-0.1	-0.2%	8.6%	62.6	62.5	-0.1	-0.2%	8.6%	62.6	62.4	-0.2	-0.3%	8.6%	59.8	58.1	-1.7	-2.8%
1.00											9.9%									
Section Sect																				
140																				
17. 18.				0.5						0.2%	14.8%			-0.9					-0.4	
18.00 59.0	16.0%			0.0		16.0%	61.7		0.2	0.3%	16.0%	61.3		-0.6	-1.0%	16.0%			-0.5	-0.9%
The Dec																				
200 200																				
2.2. 2.5										-0.2%				-0.2						-0.5%
2-17						22.2%										22.2%				
500 51	23.5%								0.1		23.5%									
27.75	24.7%	57.3		-0.1	-0.2%	24.7%			0.0	0.0%	24.7%		60.1	-0.2		24.7%	55.9	56.1	0.2	0.4%
24.00 25.0																				
Section Sect		57.1	56.8	-0.3					0.0	0.0%	28.4%		60.1					55.7	-0.1	-0.2%
22.15	29.6%	57.0	56.8	-0.2	-0.4%	29.6%	60.0	60.1	0.1	0.2%	29.6%	60.1	59.9	-0.2	-0.3%	29.6%	55.8	55.5	-0.3	-0.5%
33.0% 67 51 561 56 51 56	30.9%		56.7	-0.3		30.9%		60.0	0.0		30.9%	59.9	59.7			30.9%	55.7	55.4	-0.3	
3400											32.1%									
Sept. Sept																				0.0%
1937 1933 1935 1935 1936 1936 1937 1938 1932 1931 1932 1932 1933 1932 1933 1934 1933 1932 1935		55.8	55.8	0.0		35.8%	59.6	59.4			35.8%			-0.2			55.4	55.4		
300% 50.2 50.3 0.1 0.2% 30.0% 30.0 50.2 0.2 0.2% 30.0% 30.0 50.2 0.1 0.2% 0																				
447% 548 552 04 07% 4939 390 01 02% 407% 583 594 01 02% 407% 583 594 01 02% 407% 583 594 01 02% 407% 583 594 01 02% 407% 584 02% 594 01 02% 407% 584 02% 594 01 02% 407% 584 02% 594 01 02% 407% 584 02% 594 01 02% 407% 584 02% 594 01 02% 407% 584 02% 594 01 02% 407% 584 02% 594 01 02% 407% 584 02% 594 01 02% 407% 584 02% 594 01 02% 407% 584 02% 594 01 02% 407% 584 02% 594 01 02% 407% 584 02% 594 01 02% 407% 584 02% 594 01 02% 407% 584 02% 594 01 02% 407% 584 02% 594 01 02% 407% 584 02% 594 01 02% 407% 584 02% 594 01 02% 407% 584 02% 594 01 02% 407% 584 02% 594 01 02%				0.2		38.3%			-0.1		38.3%			-0.1		38.3%			0.0	0.0%
427% 548 551 05 07% 427% 552 551 0.1 0.2% 44.9% 568 0.0 0.0% 427% 54.8 54.8 54.8 54.8 0.0 0.0% 427% 55.2 551 0.0 0.0% 64.9% 64.9% 54.8 54.8 54.8 0.0 0.0% 64.9% 56.8 56.0 0.0 0.0% 64.9% 56.8 56.8 56.0 0.0 0.0% 64.9% 56.0 0.0 0.0% 64.9% 56.0 0																				
44-66 54.5 54.0 0.1 0.2% 44-66 527 58.6 0.1 0.2% 44-66 59.3 0.2% 44-66 59.3 0.	42.0%	54.6	55.1	0.5	0.9%	42.0%	58.9	58.8	-0.1	-0.2%	42.0%	59.4	59.4	0.0	0.0%	42.0%	55.2	55.1	-0.1	-0.2%
4.57% 54.5 54.5 0.0 0.0% 45.7% 56.5 56.5 0.0 0.0% 46.7% 59.4 99.2 4.2 0.0% 46.7% 50.0 50.0 0.0 0.0% 46.7% 50.0 0.0 0.0% 46.7% 50.0 0.0 0.0% 46.7% 50.0 0.0 0.0% 46.7% 50.0 0.0 0.0% 46.7% 50.0 0.0 0.0% 46.7% 50.0 0.0 0.0% 46.7% 50.0 0.0 0.0% 46.7% 50.0 0.0 0.0% 46.7% 50.0 0.0 0.0% 46.7% 50.0 0.0 0.0% 46.7% 50.0 0.0 0.0 0.0% 46.7% 50.0 0.0 0.0 0.0% 46.7% 50.0 0.0 0.0 0.0% 46.7% 50.0 0.0 0.0 0.0% 46.7% 50.0 0.0 0.0 0.0% 46.7% 50.0 0.0 0.0 0.0% 46.7% 50.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.																				
4.0% 54.5 54.5 0.0 0.0% 46.9% 56.5 54.5 0.0 0.0% 46.9% 56.5 54.5 0.0 0.0% 46.9% 56.5 54.0 0.0 0.0% 46.9% 56.0 54.0 0.0 0.0% 46.9% 56.0 54.0 0.0 0.0% 46.9% 56.0 54.0 0.0 0.0% 56.0 0.0 0.0% 56.0 0.0 0.0% 56.0 0.0 0.0% 56.0 0.0 0.0% 56.0 0.0 0.0% 56.0 0.0 0.0% 56.0 0.0 0.0% 56.0 0.0 0.0% 56.0 0.0 0.0 0.0% 56.0 0.0 0.0 0.0% 56.0 0.0 0.0 0.0% 56.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0										-0.2%				-0.1	-0.2%					
44.1% 54.3 54.3 50.0 0.0% 44.1% 59.5 58.5 0.0 0.0% 44.1% 59.2 59.2 0.0 0.0% 44.1% 54.9 54.9 0.0 0.0%											45.7%									
49-6, 542 542 542 0.0 0.0% 48-4% 58-4 88-4 0.0 0.0% 48-4% 59-2 59-2 59-2 59-2 0.0% 49-4% 54-3 54-9 0.0 0.0% 51-9%																				
519h 541 542 01 02h 519h 581 592 01 02h 519h 580 090 00 00h 519h 548 548 00 00h 533h 533h 532 02 02h 04h 533h 580 00 00h 533h 580 00 00h 533h 540 00 00h 553h 540 00 00h 553h 540 00 00h 553h 540 00 00h 553h 540 00 00h 558h 579 00 00 00h 568h 589 088 00 00 00h 568h 547 547 00 00 00h 588h 547 548 548 548 548 548 548 548 548 548 548	49.4%	54.2	54.2	0.0	0.0%	49.4%	58.4			0.0%	49.4%			-0.2	-0.3%	49.4%			0.0	0.0%
\$3.1% \$4.0 \$4.2 \$0.2 \$0.4% \$3.1% \$8.0 \$8.0 \$0.0 \$0.0% \$3.1% \$8.0 \$8.0 \$0.0 \$0.0% \$3.1% \$8.8 \$4.8 \$4.7 \$0.0 \$0.0% \$4.2% \$8.0 \$8.0 \$0.0 \$0.0% \$4.2% \$8.0 \$8.0 \$0.0 \$0.0% \$4.2% \$8.0 \$8.0 \$0.0 \$0.0 \$4.2% \$8.0 \$8.0 \$0.0 \$0.0 \$4.2% \$8.0 \$8.0 \$0.0 \$0.0 \$4.2% \$8.0 \$8.0 \$0.0 \$0.0 \$4.2% \$8.0 \$8.0 \$0.0 \$0.0 \$4.2% \$8.0 \$8.0 \$0.0 \$0.0 \$4.2% \$8.0 \$4.2 \$4.2 \$4.2 \$4.2 \$4.2 \$4.2 \$4.2 \$4.2																				
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58.6% 53.9 53.9 0.0 0.0% 58.6% 57.9 57.9 0.0 0.0% 56.6% 58.0 59.8 59.3 0.0 0.0% 56.6% 58.0 58.0 0.0 0.0% 56.6% 58.0 58.0 0.0 0.0% 56.6% 58.0 58.0 0.0 0.0% 56.6% 56.6% 56.6% 0.0 0.0% 56.6% 56											54.3%		58.7			54.3%		54.7		
Section Sect				0.0							55.6%		58.6	-0.3		55.6%		54.7		
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$\begin{array}{cccccccccccccccccccccccccccccccccccc$	90.1%	49.5	49.5	0.0	0.0%	90.1%	55.1	55.1	0.0	0.0%	90.1%	56.9	56.9	0.0	0.0%	90.1%	53.0	53.0	0.0	0.0%
93.8% 48.2 48.2 0.0 0.0% 93.8% 54.6 54.5 -0.1 -0.2% 93.8% 56.3 56.4 0.1 0.2% 93.8% 53.0 52.4 -0.6 -1.1% 95.1% 47.8 0.0 0.0% 95.1% 54.2 54.2 0.0 0.0% 95.1% 56.3 56.3 0.0 0.0% 95.1% 52.6 52.3 -0.3 -0.6% 96.3% 47.6 47.6 0.0 0.0% 96.3% 54.1 54.2 0.1 0.2% 96.3% 56.1 56.1 0.0 0.0% 96.3% 52.3 52.2 -0.1 -0.2% 97.5% 47.2 47.2 0.0 0.0% 97.5% 51.4 51.4 0.0 0.0% 97.5% 55.1 55.1 0.0 0.0% 97.5% 51.5 51.6 0.1 0.2% 98.8% 46.8 46.9 0.1 0.2% 98.8% 49.7 49.7 0.0 0.0% 98.8% 54.5 55.0 0.5 0.9% 98.8% 50.9 50.7 -0.4 0.2%	91.4%			0.0	0.0%	91.4%	55.0			0.0%	91.4%	56.8			0.2%	91.4%	53.0		0.0	0.0%
95.1% 47.8 47.8 0.0 0.0% 95.1% 54.2 54.2 0.0 0.0% 95.1% 56.3 56.3 0.0 0.0% 95.1% 52.6 52.3 -0.3 -0.6% 95.3% 54.1 54.2 0.1 0.2% 96.3% 56.1 56.1 0.0 0.0% 96.3% 52.3 52.2 -0.1 0.2% 97.5% 47.2 47.2 0.0 0.0% 97.5% 51.4 51.4 0.0 0.0% 97.5% 55.1 55.1 0.0 0.0% 97.5% 51.5 51.6 0.1 0.2% 98.8% 46.8 46.9 0.1 0.2% 98.8% 49.7 49.7 0.0 0.0% 98.8% 54.5 55.0 0.5 0.9% 98.8% 50.9 50.7 -0.2 -0.4%																				
96.3% 47.6 47.6 0.0 0.0% 96.3% 54.1 54.2 0.1 0.2% 96.3% 56.1 56.1 0.0 0.0% 96.3% 52.3 52.2 -0.1 -0.2% 97.5% 47.2 47.2 0.0 0.0% 97.5% 51.4 51.4 0.0 0.0% 97.5% 55.1 55.1 0.0 0.0% 97.5% 51.5 51.6 0.1 0.2% 98.8% 46.8 46.9 0.1 0.2% 98.8% 49.7 49.7 0.0 0.0% 98.8% 54.5 55.0 0.5 0.9% 98.8% 50.9 50.7 -0.2 -0.4%											93.8%									
97.5% 47.2 47.2 0.0 0.0% 97.5% 51.4 51.4 0.0 0.0% 97.5% 55.1 55.1 0.0 0.0% 97.5% 51.5 51.6 0.1 0.2% 98.8% 46.8 46.9 0.1 0.2% 98.8% 49.7 49.7 0.0 0.0% 98.8% 54.5 55.0 0.5 0.9% 98.8% 50.9 50.7 -0.2 -0.4%																				
	97.5%		47.2	0.0	0.0%				0.0	0.0%	97.5%	55.1	55.1	0.0	0.0%		51.5		0.1	0.2%
100.0% 46.8 46.9 0.1 0.2% 100.0% 49.7 49.7 0.0 0.0% 100.0% 54.5 55.0 0.5 0.9% 100.0% 50.9 50.7 -0.2 -0.4%																				
	100.0%	46.8	46.9	0.1	0.2%	100.0%	49.7	49.7	0.0	0.0%	100.0%	54.5	55.0	0.5	0.9%	100.0%	50.9	50.7	-0.2	-0.4%

Table SQ-35-5a Trinity River at North Fork, Monthly Temperature Long-term Average and Average by Water Year Type

					Mon	thly Temp	erature (DI	G-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Loi	ng-term							
Full Simulation Period ¹												
No Action Alternative	53.2	44.1	39.8	38.5	43.1	46.6	53.5	51.2	58.8	64.5	64.6	59.1
Alternative B	53.1	44.0	39.8	38.6	43.1	46.6	53.5	51.2	58.9	64.4	64.6	59.1
Difference	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Percent Difference ³	-0.1%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.19
				Water Y	ear Types	2						
Wet (32%)												
No Action Alternative	52.5	44.1	40.5	39.6	43.3	46.0	52.7	50.1	55.3	62.8	64.9	59.0
Alternative B	52.5	44.1	40.5	39.6	43.2	46.0	52.7	50.1	55.3	62.7	64.8	59.1
Difference	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.1
Percent Difference	0.0%	0.0%	-0.1%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	-0.2%	-0.1%	0.19
Above Normal (15%)												
No Action Alternative	52.5	42.8	39.6	38.3	43.1	46.4	53.5	50.3	57.8	63.4	64.1	58.3
Alternative B	52.3	42.7	39.6	38.3	43.1	46.4	53.5	50.3	57.7	63.4	64.0	58.2
Difference	-0.2	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Percent Difference	-0.3%	-0.2%	0.1%	0.0%	0.1%	0.0%	0.0%	-0.1%	-0.1%	0.0%	-0.1%	-0.19
Below Normal (17%)												
No Action Alternative	53.6	44.4	39.5	37.9	42.6	46.5	53.9	50.9	59.5	64.9	64.9	59.5
Alternative B	53.5	44.4	39.5	37.9	42.6	46.5	53.9	50.9	59.6	64.9	65.0	59.5
Difference	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0
Percent Difference	-0.2%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.0%
Dry (22%)												
No Action Alternative	53.0	44.2	39.8	37.7	42.8	46.9	54.0	51.5	61.5	65.2	63.9	58.5
Alternative B	53.0	44.0	39.8	37.7	42.8	46.9	53.9	51.5	61.5	65.1	63.9	58.4
Difference	0.0	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	-0.1
Percent Difference	0.0%	-0.3%	0.0%	0.2%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.2%	0.1%	-0.39
Critical (15%)												
No Action Alternative	54.9	44.6	38.5	38.3	43.4	47.5	54.0	54.3	63.2	67.8	65.4	60.6
Alternative B	54.7	44.6	38.5	38.4	43.4	47.5	54.0	54.3	63.2	67.9	65.2	60.5
Difference	-0.2	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	0.2	-0.2	-0.1
Percent Difference	-0.4%	0.0%	0.1%	0.2%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.2%	-0.3%	-0.19



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

³ Relative difference of the monthly average

Figure SQ-35-5b Trinity River at North Fork, Monthly Temperature Probability of Exceedance

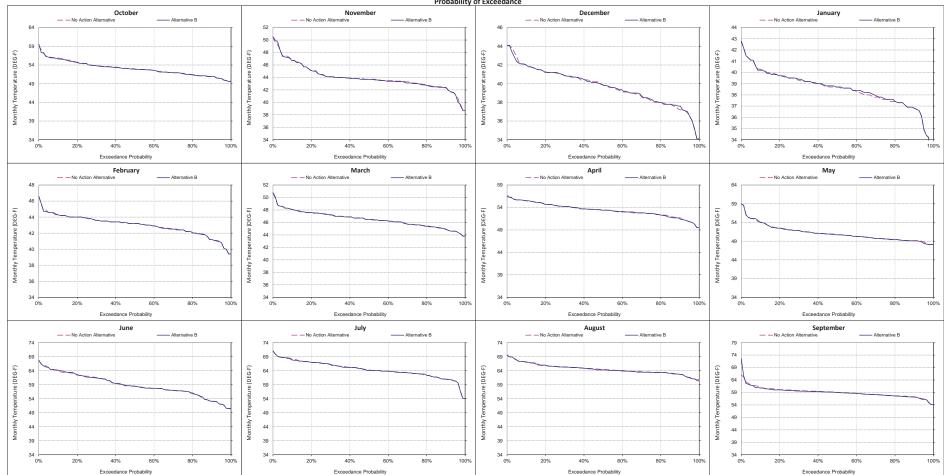


Table SQ-35-5b Trinity River at North Fork, Monthly Temperature Probability of Exceedance

		October					November					December					January		
Percent	No Action Alternative	Alternative B	Absolute		Percent	No Action Alternative	Alternative B	Absolute		Percent	No Action Alternative	Alternative B	Absolute		Percent	No Action Alternative	Alternative B	Absolute	
Exceedance			Difference	Relative	Exceedance			Difference	Relative	Exceedance			- Difference	Relative	Exceedance			Difference	Relative
Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	59.3	59.6	0.3	0.5%	0.0%	50.5	50.5	0.0	0.0%	0.0%	44.1	44.1	0.0	0.0%	0.0%	42.8	42.8	0.0	0.0%
1.2%	58.1	57.3	-0.8	-1.4%	1.2%	49.6	50.0	0.4	0.8%	1.2%	44.1	44.1	0.0	0.0%	1.2%	42.2	42.2	0.0	0.0%
2.5%	57.3	57.2	-0.1	-0.2%	2.5%	49.3	49.7	0.4	0.8%	2.5%	43.8	43.4	-0.4	-0.9%	2.5%	41.5	41.5	0.0	0.0%
3.7%	56.4	56.3	-0.1	-0.2%	3.7%	48.3	48.4	0.1	0.2%	3.7%	43.4	42.9	-0.5	-1.2%	3.7%	41.3	41.3	0.0	0.0%
4.9%	56.1	56.1	0.0	0.0%	4.9%	47.5	47.4	-0.1	-0.2%	4.9%	42.9	42.4	-0.5	-1.2%	4.9%	41.1	41.1	0.0	0.0%
6.2%	56.1	55.9	-0.2	-0.4%	6.2%	47.5	47.3	-0.2	-0.4%	6.2%	42.3	42.2	-0.1	-0.2%	6.2%	41.1	41.1	0.0	0.0%
7.4%	56.0	55.9	-0.1	-0.2%	7.4%	47.4	47.2	-0.2	-0.4%	7.4%	42.1	42.1	0.0	0.0%	7.4%	40.6	40.6	0.0	0.0%
8.6%	55.9	55.8	-0.1	-0.2%	8.6%	47.2	47.1	-0.1	-0.2%	8.6%	42.1	42.1	0.0	0.0%	8.6%	40.3	40.2	-0.1	-0.2%
9.9%	55.9	55.6	-0.3	-0.5%	9.9%	46.8	46.7	-0.1	-0.2%	9.9%	42.0	42.0	0.0	0.0%	9.9%	40.3	40.2	-0.1	-0.2%
11.1%	55.7	55.6	-0.3	-0.2%	11.1%	46.7	46.7	0.0	0.0%	11.1%	41.9	41.8	-0.1	-0.2%	11.1%	40.2	40.2	0.0	0.0%
12.3%	55.7	55.5	-0.1	-0.2%	12.3%	46.7	46.4	-0.1	-0.2%	12.3%	41.8	41.8	0.0	0.2%	12.3%	40.1	40.2	0.0	0.0%
13.6%	55.5	55.4	-0.1	-0.2%	13.6%	46.5	46.4	-0.1	-0.2%	13.6%	41.7	41.7	0.0	0.0%	13.6%	40.0	39.9	-0.1	-0.2%
14.8%	55.3	55.2	-0.1	-0.2%	14.8%	46.2	46.2	0.0	0.0%	14.8%	41.7	41.6	-0.1	-0.2%	14.8%	40.0	39.9	-0.1	-0.2%
16.0%	55.3	55.0	-0.3	-0.5%	16.0%	45.7	45.7	0.0	0.0%	16.0%	41.5	41.5	0.0	0.0%	16.0%	39.9	39.8	-0.1	-0.3%
17.3%	55.0	55.0	0.0	0.0%	17.3%	45.6	45.7	0.1	0.2%	17.3%	41.5	41.5	0.0	0.0%	17.3%	39.9	39.8	-0.1	-0.3%
18.5%	54.9	54.8	-0.1	-0.2%	18.5%	45.4	45.4	0.0	0.0%	18.5%	41.4	41.4	0.0	0.0%	18.5%	39.8	39.8	0.0	0.0%
19.8%	54.8	54.7	-0.1	-0.2%	19.8%	45.1	45.1	0.0	0.0%	19.8%	41.3	41.2	-0.1	-0.2%	19.8%	39.7	39.7	0.0	0.0%
21.0%	54.6	54.5	-0.1	-0.2%	21.0%	45.1	45.0	-0.1	-0.2%	21.0%	41.2	41.2	0.0	0.0%	21.0%	39.7	39.7	0.0	0.0%
22.2%	54.5	54.4	-0.1	-0.2%	22.2%	45.1	45.0	-0.1	-0.2%	22.2%	41.2	41.2	0.0	0.0%	22.2%	39.7	39.6	-0.1	-0.3%
23.5%	54.4	54.4	0.0	0.0%	23.5%	44.6	44.6	0.0	0.0%	23.5%	41.2	41.2	0.0	0.0%	23.5%	39.6	39.6	0.0	0.0%
24.7%	54.4	54.4	0.0	0.0%	24.7%	44.4	44.5	0.1	0.2%	24.7%	41.2	41.2	0.0	0.0%	24.7%	39.5	39.5	0.0	0.0%
25.9%	54.1	54.0	-0.1	-0.2%	25.9%	44.4	44.5	0.1	0.2%	25.9%	41.1	41.2	0.1	0.2%	25.9%	39.5	39.5	0.0	0.0%
27.2%	54.0	53.9	-0.1	-0.2%	27.2%	44.2	44.2	0.0	0.0%	27.2%	41.1	41.1	0.0	0.0%	27.2%	39.5	39.5	0.0	0.0%
28.4%	53.9	53.9	0.0	0.0%	28.4%	44.1	44.1	0.0	0.0%	28.4%	41.0	41.0	0.0	0.0%	28.4%	39.5	39.5	0.0	0.0%
29.6%	53.8	53.8	0.0	0.0%	29.6%	44.1	44.1	0.0	0.0%	29.6%	40.9	40.9	0.0	0.0%	29.6%	39.3	39.4	0.1	0.3%
30.9%	53.8	53.7	-0.1	-0.2%	30.9%	44.1	44.1	0.0	0.0%	30.9%	40.8	40.8	0.0	0.0%	30.9%	39.3	39.4	0.1	0.3%
30.9%	53.7	53.7	-0.1	-0.2%	30.9%	44.1	44.0	-0.1	-0.2%	32.1%	40.8	40.8	0.0	0.0%	32.1%	39.3	39.4	0.1	0.3%
33.3%	53.6	53.6	0.0	0.0%	33.3%	44.1	44.0	0.0	0.0%	33.3%		40.7		-0.2%	33.3%	39.2	39.2	0.0	
33.3%	53.6 53.6	53.5		-0.2%	33.3%	44.0 44.0	44.0 44.0	0.0	0.0%	33.3%	40.8 40.7	40.7	-0.1 0.0	-0.2%	33.3%	39.2 39.2	39.2	0.0	0.0%
			-0.1																
35.8%	53.6	53.5	-0.1	-0.2%	35.8%	44.0	44.0	0.0	0.0%	35.8%	40.7	40.7	0.0	0.0%	35.8%	39.2	39.2	0.0	0.0%
37.0%	53.5	53.5	0.0	0.0%	37.0%	44.0	44.0	0.0	0.0%	37.0%	40.7	40.6	-0.1	-0.2%	37.0%	39.1	39.1	0.0	0.0%
38.3%	53.5	53.4	-0.1	-0.2%	38.3%	43.9	43.9	0.0	0.0%	38.3%	40.4	40.6	0.2	0.5%	38.3%	39.0	39.1	0.1	0.3%
39.5%	53.5	53.3	-0.2	-0.4%	39.5%	43.9	43.9	0.0	0.0%	39.5%	40.4	40.5	0.1	0.2%	39.5%	39.0	39.0	0.0	0.0%
40.7%	53.4	53.3	-0.1	-0.2%	40.7%	43.9	43.8	-0.1	-0.2%	40.7%	40.4	40.4	0.0	0.0%	40.7%	39.0	39.0	0.0	0.0%
42.0%	53.2	53.3	0.1	0.2%	42.0%	43.8	43.8	0.0	0.0%	42.0%	40.4	40.2	-0.2	-0.5%	42.0%	38.9	39.0	0.1	0.3%
43.2%	53.1	53.1	0.0	0.0%	43.2%	43.8	43.8	0.0	0.0%	43.2%	40.3	40.2	-0.1	-0.2%	43.2%	38.9	38.8	-0.1	-0.3%
44.4%	53.1	53.1	0.0	0.0%	44.4%	43.8	43.8	0.0	0.0%	44.4%	40.2	40.1	-0.1	-0.2%	44.4%	38.8	38.8	0.0	0.0%
45.7%	53.1	53.1	0.0	0.0%	45.7%	43.8	43.7	-0.1	-0.2%	45.7%	40.2	40.1	-0.1	-0.2%	45.7%	38.7	38.8	0.1	0.3%
46.9%	53.0	53.0	0.0	0.0%	46.9%	43.8	43.7	-0.1	-0.2%	46.9%	40.2	40.1	-0.1	-0.2%	46.9%	38.7	38.8	0.1	0.3%
48.1%	53.0	52.9	-0.1	-0.2%	48.1%	43.7	43.7	0.0	0.0%	48.1%	40.1	40.0	-0.1	-0.2%	48.1%	38.7	38.8	0.1	0.3%
49.4%	53.0	52.9	-0.1	-0.2%	49.4%	43.7	43.7	0.0	0.0%	49.4%	39.9	39.9	0.0	0.0%	49.4%	38.7	38.7	0.0	0.0%
50.6%	52.9	52.8	-0.1	-0.2%	50.6%	43.7	43.7	0.0	0.0%	50.6%	39.8	39.8	0.0	0.0%	50.6%	38.7	38.7	0.0	0.0%
51.9%	52.8	52.8	0.0	0.0%	51.9%	43.7	43.7	0.0	0.0%	51.9%	39.8	39.8	0.0	0.0%	51.9%	38.6	38.7	0.1	0.3%
53.1%	52.8	52.8	0.0	0.0%	53.1%	43.7	43.6	-0.1	-0.2%	53.1%	39.7	39.6	-0.1	-0.3%	53.1%	38.6	38.6	0.0	0.0%
54.3%	52.8	52.8	0.0	0.0%	54.3%	43.7	43.6	-0.1	-0.2%	54.3%	39.6	39.6	0.0	0.0%	54.3%	38.6	38.6	0.0	0.0%
55.6%	52.8	52.7	-0.1	-0.2%	55.6%	43.6	43.5	-0.1	-0.2%	55.6%	39.6	39.6	0.0	0.0%	55.6%	38.6	38.6	0.0	0.0%
56.8%	52.7	52.7	0.0	0.0%	56.8%	43.5	43.5	0.0	0.0%	56.8%	39.4	39.5	0.0	0.3%	56.8%	38.6	38.6	0.0	0.0%
							43.5									38.4	38.4		
58.0%	52.7	52.7	0.0	0.0%	58.0%	43.5		0.0	0.0%		39.3	39.4	0.1	0.3%	58.0%			0.0	0.0%
59.3%	52.6	52.6	0.0	0.0%	59.3%	43.5	43.4	-0.1	-0.2%	59.3%	39.2	39.4	0.2	0.5%	59.3%	38.4	38.4	0.0	0.0%
60.5%	52.6	52.5	-0.1	-0.2%	60.5%	43.5	43.4	-0.1	-0.2%	60.5%	39.1	39.2	0.1	0.3%	60.5%	38.2	38.4	0.2	0.5%
61.7%	52.3	52.3	0.0	0.0%	61.7%	43.5	43.4	-0.1	-0.2%	61.7%	39.1	39.2	0.1	0.3%	61.7%	38.2	38.4	0.2	0.5%
63.0%	52.3	52.1	-0.2	-0.4%	63.0%	43.5	43.4	-0.1	-0.2%	63.0%	39.1	39.1	0.0	0.0%	63.0%	38.1	38.3	0.2	0.5%
64.2%	52.2	52.1	-0.1	-0.2%	64.2%	43.4	43.3	-0.1	-0.2%	64.2%	39.0	39.0	0.0	0.0%	64.2%	38.0	38.2	0.2	0.5%
65.4%	52.1	52.1	0.0	0.0%	65.4%	43.4	43.3	-0.1	-0.2%	65.4%	39.0	39.0	0.0	0.0%	65.4%	38.0	38.2	0.2	0.5%
66.7%	52.1	52.1	0.0	0.0%	66.7%	43.4	43.3	-0.1	-0.2%	66.7%	38.9	39.0	0.1	0.3%	66.7%	38.0	38.2	0.2	0.5%
67.9%	52.0	52.0	0.0	0.0%	67.9%	43.4	43.3	-0.1	-0.2%	67.9%	38.9	39.0	0.1	0.3%	67.9%	37.9	38.1	0.2	0.5%
69.1%	52.0	51.9	-0.1	-0.2%	69.1%	43.3	43.1	-0.2	-0.5%	69.1%	38.8	38.9	0.1	0.3%	69.1%	37.8	38.0	0.2	0.5%
70.4%	51.9	51.9	0.0	0.0%	70.4%	43.3	43.1	-0.2	-0.5%	70.4%	38.5	38.6	0.1	0.3%	70.4%	37.8	37.9	0.1	0.3%
71.6%	51.9	51.9	0.0	0.0%	71.6%	43.2	43.1	-0.1	-0.2%	71.6%	38.4	38.5	0.1	0.3%	71.6%	37.8	37.8	0.0	0.0%
72.8%	51.9	51.9	0.0	0.0%	72.8%	43.1	43.0	-0.1	-0.2%	72.8%	38.4	38.5	0.1	0.3%	72.8%	37.6	37.8	0.2	0.5%
74.1%	51.8	51.8	0.0	0.0%	74.1%	43.1	43.0	-0.1	-0.2%	74.1%	38.3	38.4	0.1	0.3%	74.1%	37.6	37.7	0.1	0.3%
75.3%	51.6	51.8	0.2	0.4%	75.3%	43.0	43.0	0.0	0.0%	75.3%	38.1	38.3	0.1	0.5%	75.3%	37.6	37.6	0.0	0.0%
76.5%	51.5	51.5	0.2	0.4%	76.5%	43.0	42.9	-0.1	-0.2%	76.5%	38.0	38.1	0.1	0.3%	76.5%	37.6	37.6	0.0	0.0%
77.8%	51.5	51.5	0.0	0.0%	77.8%	42.9	42.8	-0.1	-0.2%	77.8%	38.0	38.1	0.1	0.3%	77.8%	37.4	37.6	0.0	0.5%
79.0%	51.5	51.4	-0.1	-0.2%	79.0%	42.9	42.8	-0.1	-0.2%	79.0%	38.0	38.0	0.0	0.0%	77.8%	37.4	37.6	0.2	0.5%
80.2% 81.5%	51.4	51.3	-0.1	-0.2% -0.4%	80.2%	42.8	42.7 42.6	-0.1 -0.1	-0.2%	80.2%	38.0	38.0 37.8	0.0	0.0%	80.2% 81.5%	37.4	37.4 37.3	0.0	0.0%
	51.4	51.2	-0.2		81.5%	42.7			-0.2%	81.5%	37.9		-0.1	-0.3%		37.3			0.0%
82.7%	51.2	51.1	-0.1	-0.2%	82.7%	42.6	42.5	-0.1	-0.2%	82.7%	37.8	37.8	0.0	0.0%	82.7%	37.3	37.3	0.0	0.0%
84.0%	51.1	51.1	0.0	0.0%	84.0%	42.5	42.5	0.0	0.0%	84.0%	37.8	37.8	0.0	0.0%	84.0%	37.3	37.3	0.0	0.0%
85.2%	51.1	51.1	0.0	0.0%	85.2%	42.5	42.5	0.0	0.0%	85.2%	37.8	37.8	0.0	0.0%	85.2%	37.1	37.1	0.0	0.0%
86.4%	51.0	51.1	0.1	0.2%	86.4%	42.5	42.4	-0.1	-0.2%	86.4%	37.6	37.7	0.1	0.3%	86.4%	36.9	36.9	0.0	0.0%
87.7%	50.9	51.0	0.1	0.2%	87.7%	42.5	42.4	-0.1	-0.2%	87.7%	37.6	37.7	0.1	0.3%	87.7%	36.9	36.9	0.0	0.0%
88.9%	50.9	50.9	0.0	0.0%	88.9%	42.4	42.4	0.0	0.0%	88.9%	37.3	37.6	0.3	0.8%	88.9%	36.9	36.9	0.0	0.0%
90.1%	50.9	50.9	0.0	0.0%	90.1%	42.4	42.3	-0.1	-0.2%	90.1%	37.2	37.6	0.4	1.1%	90.1%	36.8	36.8	0.0	0.0%
91.4%	50.9	50.9	0.0	0.0%	91.4%	41.9	41.9	0.0	0.0%	91.4%	37.2	37.2	0.0	0.0%	91.4%	36.7	36.7	0.0	0.0%
92.6%	50.5	50.5	0.0	0.0%	92.6%	41.6	41.7	0.1	0.2%	92.6%	37.1	37.1	0.0	0.0%	92.6%	36.6	36.6	0.0	0.0%
93.8%	50.5	50.4	-0.1	-0.2%	93.8%	41.6	41.6	0.0	0.0%	93.8%	36.9	37.0	0.1	0.3%	93.8%	36.1	36.1	0.0	0.0%
95.1%	50.3	50.4	0.1	0.2%	95.1%	41.0	41.0	0.0	0.0%	95.1%	36.5	36.5	0.0	0.0%	95.1%	34.9	34.9	0.0	0.0%
96.3%	50.0	49.9	-0.1	-0.2%	96.3%	40.6	40.0	-0.6	-1.5%	96.3%	36.0	36.0	0.0	0.0%	96.3%	34.4	34.4	0.0	0.0%
96.3%	50.0 49.8	49.9	-0.1	-0.2%	96.3%	40.6 39.4	40.0 39.7	-0.6	-1.5% 0.8%	96.3%	36.0 35.1	35.0	0.0	0.0%	96.3%	34.4	34.4	0.0	
97.5%	49.8 49.7	49.9 49.5	-0.2		97.5%	39.4	39.7	-0.1		97.5%	35.1 34.1	35.2 34.1	0.1		97.5%	34.2 29.0	29.0	0.0	0.0%
				-0.4%					-0.3%					0.0%					0.0%
100.0%	49.7	49.5	-0.2	-0.4%	100.0%	38.8	38.7	-0.1	-0.3%	100.0%	34.1	34.1	0.0	0.0%	100.0%	29.0	29.0	0.0	0.0%

Table SQ-35-5b Trinity River at North Fork, Monthly Temperature Probability of Exceedance

									Probability	of Exceedance									
Percent		February			Percent		March			Percent		April			Percent		May		
Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative
Probability			(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)
0.0%	(DEG-F) 46.6	(DEG-F) 46.6	0.0	0.0%	0.0%	(DEG-F) 50.7	(DEG-F) 50.8	0.1	0.2%	(%) 0.0%	(DEG-F) 56.7	(DEG-F) 56.4	-0.3	-0.5%	(%) 0.0%	(DEG-F) 59.0	(DEG-F) 59.0	0.0	0.0%
1.2%	45.7	45.7	0.0	0.0%	1.2%	49.9	50.1	0.2	0.4%	1.2%	56.3	56.3	0.0	0.0%	1.2%	58.6	58.6	0.0	0.0%
2.5%	44.9	44.7	-0.2	-0.4%	2.5%	48.8	48.8	0.0	0.0%	2.5%	56.3	56.1	-0.2	-0.4%	2.5%	56.0	56.1	0.1	0.2%
3.7%	44.9	44.7	-0.2	-0.4%	3.7%	48.6	48.6	0.0	0.0%	3.7%	55.9	55.8	-0.1	-0.2%	3.7%	55.4	55.3	-0.1	-0.2%
4.9% 6.2%	44.6 44.6	44.6 44.6	0.0	0.0%	4.9% 6.2%	48.6 48.3	48.6 48.3	0.0	0.0%	4.9% 6.2%	55.7 55.7	55.7 55.7	0.0	0.0%	4.9% 6.2%	55.1 55.0	55.1 55.1	0.0	0.0%
7.4%	44.5	44.6	0.0	0.2%	7.4%	48.3	48.3	0.0	0.0%	7.4%	55.7	55.7	0.0	0.0%	7.4%	54.6	55.0	0.4	0.7%
8.6%	44.3	44.4	0.1	0.2%	8.6%	48.2	48.2	0.0	0.0%	8.6%	55.6	55.6	0.0	0.0%	8.6%	54.3	54.6	0.3	0.6%
9.9%	44.3	44.3	0.0	0.0%	9.9%	48.1	48.1	0.0	0.0%	9.9%	55.5	55.5	0.0	0.0%	9.9%	54.1	54.0	-0.1	-0.2%
11.1% 12.3%	44.2 44.2	44.2 44.2	0.0	0.0%	11.1% 12.3%	48.0 47.9	48.0 47.9	0.0	0.0%	11.1% 12.3%	55.4 55.4	55.5 55.4	0.1	0.2%	11.1% 12.3%	53.9 53.7	53.9 53.8	0.0	0.0%
13.6%	44.2	44.2	0.0	0.0%	13.6%	47.9	47.8	-0.1	-0.2%	13.6%	55.3	55.3	0.0	0.0%	13.6%	53.3	53.3	0.0	0.0%
14.8%	44.1	44.1	0.0	0.0%	14.8%	47.7	47.7	0.0	0.0%	14.8%	55.2	55.2	0.0	0.0%	14.8%	53.0	53.0	0.0	0.0%
16.0%	44.0	44.0	0.0	0.0%	16.0%	47.7	47.7	0.0	0.0%	16.0%	55.1	55.1	0.0	0.0%	16.0%	52.9	52.6	-0.3	-0.6%
17.3% 18.5%	44.0 44.0	44.0 44.0	0.0	0.0%	17.3% 18.5%	47.6 47.6	47.6 47.6	0.0	0.0%	17.3% 18.5%	55.1 55.0	55.1 54.9	0.0 -0.1	0.0%	17.3% 18.5%	52.6 52.6	52.6 52.5	0.0 -0.1	0.0% -0.2%
19.8%	44.0	44.0	0.0	0.0%	19.8%	47.6	47.6	0.0	0.0%	19.8%	54.8	54.7	-0.1	-0.2%	19.8%	52.6	52.5	-0.1	-0.2%
21.0%	44.0	44.0	0.0	0.0%	21.0%	47.6	47.5	-0.1	-0.2%	21.0%	54.7	54.7	0.0	0.0%	21.0%	52.4	52.4	0.0	0.0%
22.2%	44.0	44.0	0.0	0.0%	22.2%	47.5	47.5	0.0	0.0%	22.2%	54.7	54.7	0.0	0.0%	22.2%	52.4	52.2	-0.2	-0.4%
23.5% 24.7%	43.9 43.9	43.9 43.9	0.0	0.0%	23.5% 24.7%	47.5 47.5	47.5 47.4	0.0 -0.1	0.0%	23.5% 24.7%	54.6 54.4	54.6 54.5	0.0	0.0%	23.5% 24.7%	52.2 52.0	52.1 52.0	-0.1 0.0	-0.2% 0.0%
25.9%	43.8	43.8	0.0	0.0%	25.9%	47.4	47.4	0.0	0.0%	25.9%	54.4	54.4	0.0	0.0%	25.9%	52.0	52.0	0.0	0.0%
27.2%	43.8	43.8	0.0	0.0%	27.2%	47.4	47.3	-0.1	-0.2%	27.2%	54.3	54.3	0.0	0.0%	27.2%	51.9	51.9	0.0	0.0%
28.4%	43.7	43.7	0.0	0.0%	28.4%	47.3	47.3	0.0	0.0%	28.4%	54.3	54.3	0.0	0.0%	28.4%	51.9	51.9	0.0	0.0%
29.6%	43.6	43.6	0.0	0.0%	29.6%	47.3	47.2	-0.1	-0.2%	29.6%	54.2	54.2	0.0	0.0%	29.6%	51.9	51.9	0.0	0.0%
30.9% 32.1%	43.6 43.5	43.6 43.5	0.0	0.0%	30.9% 32.1%	47.2 47.1	47.2 47.0	0.0 -0.1	0.0% -0.2%	30.9% 32.1%	54.2 54.2	54.2 54.2	0.0	0.0%	30.9% 32.1%	51.7 51.5	51.7 51.5	0.0	0.0%
33.3%	43.5	43.5	0.0	0.0%	33.3%	47.0	47.0	0.0	0.0%	33.3%	54.0	54.1	0.1	0.2%	33.3%	51.5	51.5	0.0	0.0%
34.6%	43.5	43.5	0.0	0.0%	34.6%	47.0	47.0	0.0	0.0%	34.6%	54.0	54.0	0.0	0.0%	34.6%	51.5	51.4	-0.1	-0.2%
35.8% 37.0%	43.5 43.4	43.5 43.4	0.0	0.0%	35.8% 37.0%	47.0 46.9	47.0 46.9	0.0	0.0%	35.8% 37.0%	53.9 53.9	54.0 53.9	0.1	0.2%	35.8% 37.0%	51.4 51.3	51.4 51.3	0.0	0.0%
38.3%	43.4	43.4	0.0	0.0%	38.3%	46.9	46.9	0.0	0.0%	38.3%	53.7	53.7	0.0	0.0%	38.3%	51.1	51.1	0.0	0.0%
39.5%	43.4	43.4	0.0	0.0%	39.5%	46.9	46.9	0.0	0.0%	39.5%	53.7	53.7	0.0	0.0%	39.5%	51.1	51.1	0.0	0.0%
40.7%	43.4	43.4	0.0	0.0%	40.7%	46.9	46.9	0.0	0.0%	40.7%	53.7	53.7	0.0	0.0%	40.7%	51.1	51.1	0.0	0.0%
42.0% 43.2%	43.4 43.3	43.4 43.3	0.0	0.0%	42.0% 43.2%	46.7 46.7	46.7 46.7	0.0	0.0%	42.0% 43.2%	53.7 53.6	53.6 53.6	-0.1 0.0	-0.2% 0.0%	42.0% 43.2%	51.1 51.0	51.0 51.0	-0.1 0.0	-0.2% 0.0%
43.2%	43.3	43.3	0.0	0.0%	43.2%	46.7	46.7	0.0	0.0%	43.2%	53.6	53.6	0.0	0.0%	43.2%	51.0	50.9	-0.1	-0.2%
45.7%	43.3	43.3	0.0	0.0%	45.7%	46.7	46.7	0.0	0.0%	45.7%	53.6	53.5	-0.1	-0.2%	45.7%	50.9	50.9	0.0	0.0%
46.9%	43.2	43.2	0.0	0.0%	46.9%	46.7	46.7	0.0	0.0%	46.9%	53.5	53.5	0.0	0.0%	46.9%	50.8	50.9	0.1	0.2%
48.1%	43.2 43.2	43.2 43.2	0.0	0.0%	48.1%	46.5	46.5 46.5	0.0	0.0%	48.1%	53.5	53.5	0.0	0.0%	48.1%	50.8	50.9	0.1	0.2%
49.4% 50.6%	43.2	43.2	0.0	0.0%	49.4% 50.6%	46.5 46.5	46.5 46.5	0.0	0.0%	49.4% 50.6%	53.5 53.5	53.4 53.4	-0.1 -0.1	-0.2% -0.2%	49.4% 50.6%	50.8 50.7	50.7 50.7	-0.1 0.0	-0.2% 0.0%
51.9%	43.2	43.2	0.0	0.0%	51.9%	46.5	46.4	-0.1	-0.2%	51.9%	53.4	53.4	0.0	0.0%	51.9%	50.7	50.7	0.0	0.0%
53.1%	43.1	43.1	0.0	0.0%	53.1%	46.4	46.4	0.0	0.0%	53.1%	53.4	53.4	0.0	0.0%	53.1%	50.7	50.6	-0.1	-0.2%
54.3%	43.1	43.1	0.0	0.0%	54.3%	46.4	46.4	0.0	0.0%	54.3%	53.3	53.3	0.0	0.0%	54.3%	50.6	50.6	0.0	0.0%
55.6% 56.8%	43.0 43.0	43.0 43.0	0.0	0.0%	55.6% 56.8%	46.3 46.3	46.3 46.3	0.0	0.0%	55.6% 56.8%	53.2 53.1	53.2 53.2	0.0 0.1	0.0% 0.2%	55.6% 56.8%	50.5 50.5	50.5 50.5	0.0	0.0%
58.0%	43.0	43.0	0.0	0.0%	58.0%	46.3	46.3	0.0	0.0%	58.0%	53.0	53.1	0.1	0.2%	58.0%	50.4	50.3	-0.1	-0.2%
59.3%	42.9	42.9	0.0	0.0%	59.3%	46.3	46.3	0.0	0.0%	59.3%	53.0	53.1	0.1	0.2%	59.3%	50.3	50.3	0.0	0.0%
60.5%	42.9 42.8	42.9	0.0	0.0%	60.5%	46.2	46.2 46.2	0.0	0.0%	60.5%	53.0	53.1	0.1	0.2%	60.5% 61.7%	50.3 50.2	50.2 50.2	-0.1	-0.2%
61.7% 63.0%	42.8 42.7	42.8 42.7	0.0	0.0%	61.7% 63.0%	46.2 46.1	46.2 46.1	0.0	0.0%	61.7% 63.0%	53.0 53.0	53.0 53.0	0.0	0.0%	63.0%	50.2	50.2	0.0	0.0%
64.2%	42.6	42.7	0.0	0.2%	64.2%	46.1	46.1	0.0	0.0%	64.2%	52.9	53.0	0.1	0.2%	64.2%	50.1	50.1	0.0	0.0%
65.4%	42.6	42.6	0.0	0.0%	65.4%	46.1	46.1	0.0	0.0%	65.4%	52.8	53.0	0.2	0.4%	65.4%	50.0	50.1	0.1	0.2%
66.7%	42.6	42.6	0.0	0.0%	66.7%	46.1	46.1	0.0	0.0%	66.7%	52.8	52.9	0.1	0.2%	66.7%	50.0	50.0	0.0	0.0%
67.9% 69.1%	42.5 42.5	42.6 42.5	0.1 0.0	0.2%	67.9% 69.1%	46.1 45.8	45.9 45.8	-0.2 0.0	-0.4% 0.0%	67.9% 69.1%	52.8 52.8	52.8 52.8	0.0	0.0%	67.9% 69.1%	49.9 49.8	49.9 49.8	0.0	0.0%
70.4%	42.5	42.5	0.0	0.0%	70.4%	45.7	45.7	0.0	0.0%	70.4%	52.8	52.8	0.0	0.0%	70.4%	49.7	49.7	0.0	0.0%
71.6%	42.4	42.5	0.1	0.2%	71.6%	45.7	45.7	0.0	0.0%	71.6%	52.8	52.8	0.0	0.0%	71.6%	49.7	49.7	0.0	0.0%
72.8%	42.4	42.4	0.0	0.0%	72.8%	45.7	45.7	0.0	0.0%	72.8%	52.7	52.7	0.0	0.0%	72.8%	49.7	49.7	0.0	0.0%
74.1% 75.3%	42.4 42.4	42.4 42.4	0.0	0.0%	74.1% 75.3%	45.6 45.6	45.6 45.6	0.0	0.0%	74.1% 75.3%	52.7 52.7	52.7 52.7	0.0	0.0%	74.1% 75.3%	49.7 49.6	49.6 49.6	-0.1 0.0	-0.2% 0.0%
76.5%	42.2	42.2	0.0	0.0%	76.5%	45.6	45.6	0.0	0.0%	76.5%	52.6	52.6	0.0	0.0%	76.5%	49.5	49.6	0.1	0.2%
77.8%	42.2	42.2	0.0	0.0%	77.8%	45.5	45.5	0.0	0.0%	77.8%	52.5	52.4	-0.1	-0.2%	77.8%	49.4	49.5	0.1	0.2%
79.0%	42.2	42.2	0.0	0.0%	79.0%	45.5	45.4	-0.1	-0.2%	79.0%	52.4	52.4	0.0	0.0%	79.0%	49.4	49.5	0.1	0.2%
80.2% 81.5%	42.0 42.0	42.0 42.0	0.0	0.0%	80.2% 81.5%	45.5 45.4	45.4 45.3	-0.1 -0.1	-0.2% -0.2%	80.2% 81.5%	52.4 52.3	52.3 52.2	-0.1 -0.1	-0.2% -0.2%	80.2% 81.5%	49.4 49.4	49.4 49.4	0.0	0.0%
82.7%	42.0	41.9	-0.1	-0.2%	82.7%	45.3	45.3	0.0	0.0%	82.7%	52.3	52.1	-0.1	-0.4%	82.7%	49.3	49.3	0.0	0.0%
84.0%	41.9	41.9	0.0	0.0%	84.0%	45.3	45.3	0.0	0.0%	84.0%	52.2	51.9	-0.3	-0.6%	84.0%	49.2	49.2	0.0	0.0%
85.2%	41.9	41.8	-0.1	-0.2%	85.2%	45.2	45.2	0.0	0.0%	85.2%	51.9	51.8	-0.1	-0.2%	85.2%	49.2	49.2	0.0	0.0%
86.4% 87.7%	41.8 41.6	41.8 41.6	0.0	0.0%	86.4% 87.7%	45.2 45.1	45.1 45.1	-0.1 0.0	-0.2% 0.0%	86.4% 87.7%	51.9 51.8	51.7 51.7	-0.2 -0.1	-0.4% -0.2%	86.4% 87.7%	49.1 49.1	49.2 49.1	0.1	0.2% 0.0%
87.7% 88.9%	41.6 41.2	41.b 41.2	0.0	0.0%	87.7%	45.1 45.1	45.1 45.0	-0.1	-0.2%	87.7%	51.8 51.8	51.7	-0.1	-0.2%	87.7%	49.1 49.1	49.1 49.1	0.0	0.0%
90.1%	41.2	41.2	0.0	0.0%	90.1%	44.9	44.9	0.0	0.0%	90.1%	51.7	51.4	-0.3	-0.6%	90.1%	49.1	49.1	0.0	0.0%
91.4%	41.1	41.1	0.0	0.0%	91.4%	44.7	44.7	0.0	0.0%	91.4%	51.3	51.3	0.0	0.0%	91.4%	49.1	49.1	0.0	0.0%
92.6%	41.0	41.1	0.1	0.2%	92.6%	44.6	44.6	0.0	0.0%	92.6%	51.2	51.2	0.0	0.0%	92.6%	49.1	49.0	-0.1	-0.2%
93.8% 95.1%	40.9 40.8	41.0 40.8	0.1	0.2% 0.0%	93.8% 95.1%	44.6 44.6	44.6 44.6	0.0	0.0%	93.8% 95.1%	51.0 50.8	51.0 50.8	0.0	0.0%	93.8% 95.1%	49.0 48.8	48.8 48.4	-0.2 -0.4	-0.4% -0.8%
96.3%	40.1	40.1	0.0	0.0%	96.3%	44.4	44.4	0.0	0.0%	96.3%	50.7	50.7	0.0	0.0%	96.3%	48.4	48.2	-0.4	-0.4%
97.5%	40.0	40.0	0.0	0.0%	97.5%	44.2	44.2	0.0	0.0%	97.5%	50.3	50.3	0.0	0.0%	97.5%	48.1	48.1	0.0	0.0%
98.8%	39.4	39.4	0.0	0.0%	98.8%	43.8	43.8	0.0	0.0%	98.8%	49.5	49.5	0.0	0.0%	98.8%	48.1 48.1	48.1	0.0	0.0%
100.0%	39.4	39.4	0.0	0.0%	100.0%	43.8	43.8	0.0	0.0%	100.0%	49.5	49.5	0.0	0.0%	100.0%	48.1	48.1	0.0	0.0%

Table SQ-35-5b
Trinity River at North Fork, Monthly Temperature
Probability of Exceedance

August

Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)				(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	67.7	67.7	0.0	0.0%	0.0%	71.0	71.0	0.0	0.0%	0.0%	69.6	69.5	-0.1	-0.1%	0.0%	66.1	72.7	6.6	10.0%
1.2%	66.4	66.4	0.0	0.0%	1.2%	69.9	69.9	0.0	0.0%	1.2%	68.9	68.9	0.0	0.0%	1.2%	65.2	65.8	0.6	0.9%
2.5%	65.8	65.7	-0.1	-0.2%	2.5%	69.0	69.1	0.1	0.1%	2.5%	68.9	68.9	0.0	0.0%	2.5%	63.3	62.6	-0.7	-1.1%
3.7%	65.7	65.3	-0.4	-0.6%	3.7%	68.8	68.9	0.1	0.1%	3.7%	68.2	68.4	0.2	0.3%	3.7%	62.6	62.3	-0.3	-0.5%
4.9%	65.2	65.2	0.0	0.0%	4.9%	68.7	68.7	0.0	0.0%	4.9%	67.8	67.8	0.0	0.0%	4.9%	62.1	61.9	-0.2	-0.3%
6.2%	64.4	64.4	0.0	0.0%	6.2%	68.7	68.7	0.0	0.0%	6.2%	67.3	67.3	0.0	0.0%	6.2%	61.8	61.7	-0.1	-0.2%
7.4%	64.4	64.4	0.0	0.0%	7.4%	68.7	68.4	-0.3	-0.4%	7.4%	67.3	67.3	0.0	0.0%	7.4%	61.7	60.9	-0.8	-1.3%
8.6%	64.2	64.3	0.1	0.2%	8.6%	68.5	68.3	-0.2	-0.3%	8.6%	67.2	67.2	0.0	0.0%	8.6%	61.5	60.9	-0.6	-1.0%
9.9%	64.0	64.2	0.2	0.3%	9.9%	68.1	67.8	-0.3	-0.4%	9.9%	67.2	67.0	-0.2	-0.3%	9.9%	60.8	60.8	0.0	0.0%
11.1%	63.6	64.0	0.4	0.6%	11.1%	68.0	67.7	-0.3	-0.4%	11.1%	67.0	67.0	0.0	0.0%	11.1%	60.8	60.8	0.0	0.0%
12.3%	63.4	63.9	0.5	0.8%	12.3%	67.9	67.7	-0.2	-0.3%	12.3%	66.8	66.7	-0.1	-0.1%	12.3%	60.6	60.5	-0.1	-0.2%
13.6%	63.4	63.6	0.2	0.3%	13.6%	67.4	67.4	0.0	0.0%	13.6%	66.8	66.7	-0.1	-0.1%	13.6%	60.5	60.4	-0.1	-0.2%
14.8%	63.4	63.4	0.0	0.0%	14.8%	67.4	67.4	0.0	0.0%	14.8%	66.7	66.4	-0.3	-0.4%	14.8%	60.5	60.3	-0.2	-0.3%
16.0%	63.2	63.4	0.2	0.3%	16.0%	67.3	67.3	0.0	0.0%	16.0%	66.0	66.3	0.3	0.5%	16.0%	60.5	60.1	-0.4	-0.7%
17.3%	63.1	63.4	0.3	0.5%	17.3%	67.3	67.2	-0.1	-0.1%	17.3%	65.9	66.0	0.1	0.2%	17.3%	60.4	60.0	-0.4	-0.7%
18.5%	63.1	63.1	0.0	0.0%	18.5%	67.2	67.1	-0.1	-0.1%	18.5%	65.8	66.0	0.2	0.3%	18.5%	60.2	60.0	-0.2	-0.3%
19.8%	62.4	62.6	0.2	0.3%	19.8%	67.0	67.0	0.0	0.0%	19.8%	65.8	66.0	0.2	0.3%	19.8%	60.1	60.0	-0.1	-0.2%
21.0%	62.3	62.4	0.1	0.2%	21.0%	66.9	66.9	0.0	0.0%	21.0%	65.7	65.7	0.0	0.0%	21.0%	60.1	60.0	-0.1	-0.2%
22.2%	62.2	62.3	0.1	0.2%	22.2%	66.9	66.9	0.0	0.0%	22.2%	65.6	65.6	0.0	0.0%	22.2%	60.1	59.9	-0.2	-0.3%
23.5%	62.1	62.0	-0.1	-0.2%	23.5%	66.7	66.9	0.2	0.3%	23.5%	65.6	65.6	0.0	0.0%	23.5%	60.0	59.8	-0.2	-0.3%
24.7%	62.0	61.7	-0.3	-0.5%	24.7%	66.6	66.8	0.2	0.3%	24.7%	65.6	65.5	-0.1	-0.2%	24.7%	60.0	59.8	-0.2	-0.3%
25.9%	62.0	61.7	-0.3	-0.5%	25.9%	66.6	66.6	0.0	0.0%	25.9%	65.5	65.4	-0.1	-0.2%	25.9%	60.0	59.7	-0.3	-0.5%
27.2%	61.7	61.6	-0.1	-0.2%	27.2%	66.5	66.5	0.0	0.0%	27.2%	65.4	65.3	-0.1	-0.2%	27.2%	59.9	59.7	-0.2	-0.3%
28.4%	61.7	61.5	-0.2	-0.3%	28.4%	66.4	66.5	0.1	0.2%	28.4%	65.3	65.3	0.0	0.0%	28.4%	59.8	59.6	-0.2	-0.3%
29.6%	61.6	61.4	-0.2	-0.3%	29.6%	66.2	66.3	0.1	0.2%	29.6%	65.3	65.3	0.0	0.0%	29.6%	59.8	59.6	-0.2	-0.3%
30.9%	61.4	61.3	-0.1	-0.2%	30.9%	65.8	66.0	0.2	0.3%	30.9%	65.3	65.3	0.0	0.0%	30.9%	59.7	59.5	-0.2	-0.3%
32.1%	61.3	61.2	-0.1	-0.2%	32.1%	65.8	65.9	0.1	0.2%	32.1%	65.2	65.2	0.0	0.0%	32.1%	59.7	59.5	-0.2	-0.3%
33.3%	61.1	61.0	-0.1	-0.2%	33.3%	65.7	65.7	0.0	0.0%	33.3%	65.1	65.2	0.1	0.2%	33.3%	59.6	59.5	-0.1	-0.2%
34.6%	61.0	61.0	0.0	0.0%	34.6%	65.6	65.6	0.0	0.0%	34.6%	65.1	65.2	0.1	0.2%	34.6%	59.6	59.4	-0.2	-0.3%
35.8%	60.4	60.4	0.0	0.0%	35.8%	65.5	65.3	-0.2	-0.3%	35.8%	65.1	65.2	0.1	0.2%	35.8%	59.5	59.4	-0.1	-0.2%
37.0%	60.4	60.4	0.0	0.0%	37.0%	65.5	65.2	-0.3	-0.5%	37.0%	65.0	65.0	0.0	0.0%	37.0%	59.5	59.3	-0.2	-0.3%
38.3%	59.5	59.7	0.2	0.3%	38.3%	65.3	65.2	-0.1	-0.2%	38.3%	64.9	65.0	0.1	0.2%	38.3%	59.5	59.3	-0.2	-0.3%
39.5%	59.5	59.5	0.0	0.0%	39.5%	65.2	65.1	-0.1	-0.2%	39.5%	64.9	64.9	0.0	0.0%	39.5%	59.5	59.3	-0.2	-0.3%
40.7%	59.5	59.5	0.0	0.0%	40.7%	65.1	65.1	0.0	0.0%	40.7%	64.9	64.8	-0.1	-0.2%	40.7%	59.4	59.3	-0.1	-0.2%
42.0%	59.1	59.4	0.3	0.5%	42.0%	65.1	65.1	0.0	0.0%	42.0%	64.8	64.7	-0.1	-0.2%	42.0%	59.4	59.2	-0.2	-0.3%
43.2%	58.9	59.1	0.2	0.3%	43.2%	65.1	65.0	-0.1	-0.2%	43.2%	64.8	64.6	-0.2	-0.3%	43.2%	59.3	59.2	-0.1	-0.2%
44.4%	58.6	58.9	0.3	0.5%	44.4%	65.0	64.8	-0.2	-0.3%	44.4%	64.7	64.6	-0.1	-0.2%	44.4%	59.2	59.2	0.0	0.0%
45.7%	58.6	58.6	0.0	0.0%	45.7%	64.8	64.8	0.0	0.0%	45.7%	64.6	64.4	-0.2	-0.3%	45.7%	59.2	59.2	0.0	0.0%
46.9%	58.6	58.6	0.0	0.0%	46.9%	64.6	64.5	-0.1	-0.2%	46.9%	64.6	64.3	-0.3	-0.5%	46.9%	59.2	59.1	-0.1	-0.2%
48.1%	58.5	58.5	0.0	0.0%	48.1%	64.4	64.3	-0.1	-0.2%	48.1%	64.5	64.3	-0.2	-0.3%	48.1%	59.1	59.1	0.0	0.0%
49.4%	58.4	58.5	0.1	0.2%	49.4%	64.3	64.1	-0.2	-0.3%	49.4%	64.4	64.3	-0.1	-0.2%	49.4%	59.1	59.0	-0.1	-0.2%
50.6%	58.4	58.4	0.0	0.0%	50.6%	64.2	64.1	-0.1	-0.2%	50.6%	64.4	64.3	-0.1	-0.2%	50.6%	59.0	59.0	0.0	0.0%
51.9%	58.2	58.2	0.0	0.0%	51.9%	64.1	64.1	0.0	0.0%	51.9%	64.3	64.3	0.0	0.0%	51.9%	58.9	58.9	0.0	0.0%
53.1%	58.2	58.0	-0.2	-0.3%	53.1%	64.0	64.0	0.0	0.0%	53.1%	64.3	64.1	-0.2	-0.3%	53.1%	58.9	58.8	-0.1	-0.2%
54.3%	58.0	57.9	-0.1	-0.2%	54.3%	64.0	64.0	0.0	0.0%	54.3%	64.2	64.1	-0.1	-0.2%	54.3%	58.9	58.8	-0.1	-0.2%
55.6%	57.8	57.8	0.0	0.0%	55.6%	64.0	64.0	0.0	0.0%	55.6%	64.2	64.1	-0.1	-0.2%	55.6%	58.8	58.8	0.0	0.0%
56.8%	57.8	57.7	-0.1	-0.2%	56.8%	63.8	63.8	0.0	0.0%	56.8%	64.1	64.1	0.0	0.0%	56.8%	58.8	58.7	-0.1	-0.2%
58.0%	57.8	57.7	-0.1	-0.2%	58.0%	63.8	63.8	0.0	0.0%	58.0%	64.1	64.1	0.0	0.0%	58.0%	58.8	58.7	-0.1	-0.2%
59.3%	57.7	57.7	0.0	0.0%	59.3%	63.8	63.8	0.0	0.0%	59.3%	64.1	63.9	-0.2	-0.3%	59.3%	58.7	58.7	0.0	0.0%
60.5%	57.7	57.7	0.0	0.0%	60.5%	63.8	63.8	0.0	0.0%	60.5%	64.1	63.9	-0.2	-0.3%	60.5%	58.6	58.6	0.0	0.0%
61.7%	57.7	57.7	0.0	0.0%	61.7%	63.7	63.7	0.0	0.0%	61.7%	63.9	63.8	-0.1	-0.2%	61.7%	58.6	58.5	-0.1	-0.2%
63.0%	57.6	57.6	0.0	0.0%	63.0%	63.6	63.6	0.0	0.0%	63.0%	63.9	63.8	-0.1	-0.2%	63.0%	58.4	58.4	0.0	0.0%
64.2% 65.4%	57.6 57.2	57.6 57.2	0.0	0.0%	64.2% 65.4%	63.6 63.4	63.4 63.4	-0.2 0.0	-0.3% 0.0%	64.2% 65.4%	63.8 63.8	63.8 63.7	0.0 -0.1	0.0%	64.2% 65.4%	58.3 58.3	58.3 58.3	0.0	0.0%
	57.2 57.2	57.2 57.1				63.4	63.4								66.7%	58.3 58.3	58.3		
66.7% 67.9%	57.2 57.1	57.1 57.0	-0.1 -0.1	-0.2% -0.2%	66.7% 67.9%	63.3	63.3	-0.1 0.0	-0.2% 0.0%	66.7% 67.9%	63.8 63.7	63.6 63.5	-0.2 -0.2	-0.3% -0.3%	67.9%	58.3 58.2	58.2 58.2	-0.1 0.0	-0.2% 0.0%
69.1%	57.1	57.0	0.0	0.2%	69.1%	63.3	63.3	0.0	0.0%	69.1%	63.7	63.5	-0.2	-0.3%	69.1%	58.2 58.1	58.2	0.0	0.2%
70.4%	57.0	56.9	-0.1	-0.2%	70.4%	63.2	63.2	0.0	0.0%	70.4%	63.6	63.5	-0.2	-0.2%	70.4%	58.0	58.1	0.1	0.2%
71.6%	56.9	56.8	-0.1	-0.2%	71.6%	63.2	63.2	0.0	0.0%	71.6%	63.5	63.4	-0.1	-0.2%	71.6%	58.0	58.1	0.1	0.2%
72.8%	56.8	56.8	0.0	0.0%	72.8%	63.0	63.0	0.0	0.0%	71.6%	63.5	63.4	-0.1	-0.2%	71.6%	58.0	58.0	0.0	0.0%
74.1%	56.8	56.8	0.0	0.0%	74.1%	63.0	63.0	0.0	0.0%	74.1%	63.5	63.4	-0.1	-0.2%	74.1%	57.9	57.9	0.0	0.0%
75.3%	56.7	56.7	0.0	0.0%	75.3%	62.9	62.9	0.0	0.0%	75.3%	63.4	63.4	0.0	0.0%	75.3%	57.8	57.9	0.0	0.2%
76.5%	56.6	56.6	0.0	0.0%	76.5%	62.8	62.8	0.0	0.0%	76.5%	63.4	63.3	-0.1	-0.2%	76.5%	57.7	57.8	0.1	0.2%
77.8%	56.6	56.6	0.0	0.0%	77.8%	62.8	62.8	0.0	0.0%	77.8%	63.4	63.3	-0.1	-0.2%	77.8%	57.7	57.8	0.1	0.2%
79.0%	56.0	56.1	0.1	0.2%	79.0%	62.3	62.8	0.5	0.8%	79.0%	63.4	63.3	-0.1	-0.2%	79.0%	57.7	57.6	-0.1	-0.2%
80.2%	55.7	56.0	0.3	0.5%	80.2%	62.3	62.3	0.0	0.0%	80.2%	63.3	63.3	0.0	0.0%	80.2%	57.6	57.6	0.0	0.0%
81.5%	55.5	55.5	0.0	0.0%	81.5%	62.2	62.2	0.0	0.0%	81.5%	63.3	63.3	0.0	0.0%	81.5%	57.6	57.5	-0.1	-0.2%
82.7%	55.3	55.3	0.0	0.0%	82.7%	61.9	61.9	0.0	0.0%	82.7%	63.3	63.3	0.0	0.0%	82.7%	57.6	57.5	-0.1	-0.2%
84.0%	54.8	54.9	0.1	0.2%	84.0%	61.8	61.7	-0.1	-0.2%	84.0%	63.1	63.1	0.0	0.0%	84.0%	57.5	57.4	-0.1	-0.2%
85.2%	54.2	54.6	0.4	0.7%	85.2%	61.7	61.7	0.0	0.0%	85.2%	63.1	63.1	0.0	0.0%	85.2%	57.5	57.3	-0.2	-0.3%
86.4%	53.7	53.7	0.0	0.0%	86.4%	61.4	61.4	0.0	0.0%	86.4%	62.8	63.1	0.3	0.5%	86.4%	57.4	57.3	-0.1	-0.2%
87.7%	53.6	53.6	0.0	0.0%	87.7%	61.2	61.0	-0.2	-0.3%	87.7%	62.8	62.8	0.0	0.0%	87.7%	57.3	57.2	-0.1	-0.2%
88.9%	53.3	53.2	-0.1	-0.2%	88.9%	61.0	61.0	0.0	0.0%	88.9%	62.8	62.8	0.0	0.0%	88.9%	57.3	57.2	-0.1	-0.2%
90.1%	53.2	53.0	-0.2	-0.4%	90.1%	61.0	60.9	-0.1	-0.2%	90.1%	62.7	62.7	0.0	0.0%	90.1%	57.3	57.1	-0.2	-0.3%
91.4%	53.0	53.0	0.0	0.0%	91.4%	60.9	60.8	-0.1	-0.2%	91.4%	62.6	62.6	0.0	0.0%	91.4%	57.1	57.1	0.0	0.0%
92.6%	52.9	52.9	0.0	0.0%	92.6%	60.8	60.8	0.0	0.0%	92.6%	62.0	62.0	0.0	0.0%	92.6%	56.7	56.7	0.0	0.0%
93.8%	52.1	52.1	0.0	0.0%	93.8%	60.4	60.4	0.0	0.0%	93.8%	61.6	61.7	0.1	0.2%	93.8%	56.6	56.3	-0.3	-0.5%
95.1%	52.0	52.0	0.0	0.0%	95.1%	60.3	60.3	0.0	0.0%	95.1%	61.4	61.6	0.2	0.3%	95.1%	56.4	56.2	-0.2	-0.4%
96.3%	51.7	51.7	0.0	0.0%	96.3%	59.7	59.7	0.0	0.0%	96.3%	61.1	61.1	0.0	0.0%	96.3%	56.3	56.1	-0.2	-0.4%
97.5%	50.6	50.6	0.0	0.0%	97.5%	56.6	56.6	0.0	0.0%	97.5%	61.1	61.1	0.0	0.0%	97.5%	54.9	55.0	0.1	0.2%
98.8%	50.5	50.5	0.0	0.0%	98.8%	54.1	54.1	0.0	0.0%	98.8%	60.4	60.7	0.3	0.5%	98.8%	54.3	54.2	-0.1	-0.2%
100.0%	50.5	50.5	0.0	0.0%	100.0%	54.1	54.1	0.0	0.0%	100.0%	60.4	60.7	0.3	0.5%	100.0%	54.3	54.2	-0.1	-0.2%

Table SQ-36-5a
Clear Creek below Whiskeytown, Monthly Temperature

		Long	Long-term average and average by Water Year Type Monthly Temperature (DEG-F) Analysis Period Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep													
Analysis Dodgad	0-4	Mari	D	1		, , ,		. ,	li un	16.4		c				
Analysis Period	UCI	NOV	Dec			Mar	Apr	way	Jun	Jui	Aug	Sep				
Full Simulation Period ¹				LOI	ng-term											
No Action Alternative	51.2	48.0	43.2	41.8	43.2	45.9	48.7	51.7	52.8	52.3	52.3	52.1				
Alternative B	51.2	48.0	43.2	41.8	43.2	45.8	48.7	51.7	52.9	52.3	52.3	51.8				
Difference																
Percent Difference ³	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	-0.1	0.0	-0.3				
Percent Difference	-0.3%	-0.1%	0.0%	0.0%	0.1%	-0.1%	-0.1%	0.1%	0.1%	-0.2%	-0.1%	-0.5%				
				Water Y	ear Types											
Wet (32%)																
No Action Alternative	49.2	46.9	42.7	41.6	43.3	45.5	47.8	51.1	52.4	52.1	52.1	50.7				
Alternative B	49.3	47.0	42.7	41.5	43.3	45.5	47.7	51.1	52.4	51.8	52.0	50.6				
Difference	0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	-0.3	-0.1	0.0				
Percent Difference	0.1%	0.1%	0.0%	-0.1%	0.0%	-0.1%	-0.1%	0.1%	0.1%	-0.7%	-0.2%	-0.19				
Above Normal (15%)																
No Action Alternative	50.8	47.7	43.3	42.0	43.3	45.9	48.2	52.3	53.8	52.6	52.4	51.4				
Alternative B	50.4	47.6	43.3	41.9	43.3	45.8	48.3	52.2	53.8	52.6	52.3	51.2				
Difference	-0.3	-0.1	0.0	0.0	0.0	0.0	0.1	-0.1	0.0	-0.1	-0.1	-0.2				
Percent Difference	-0.6%	-0.3%	0.0%	-0.1%	0.0%	-0.1%	0.2%	-0.2%	0.0%	-0.1%	-0.2%	-0.4%				
Below Normal (17%)																
No Action Alternative	51.7	48.1	43.3	41.6	42.6	45.6	48.8	52.3	52.7	52.5	52.5	52.4				
Alternative B	51.5	48.2	43.3	41.6	42.6	45.5	48.8	52.3	53.0	52.6	52.6	52.3				
Difference	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.1	0.1	0.0				
Percent Difference	-0.3%	0.3%	0.0%	0.1%	0.1%	0.0%	0.0%	0.2%	0.7%	0.3%	0.3%	-0.1%				
Dry (22%)	,						_	,	,	,	,					
No Action Alternative	51.3	48.7	43.6	41.9	43.1	46.0	49.9	51.8	52.8	52.0	51.7	52.0				
Alternative B	51.2	48.7	43.5	41.9	43.2	45.9	49.7	51.9	52.9	51.9	51.7	51.8				
Difference	-0.2	-0.1	-0.1	0.1	0.1	-0.1	-0.2	0.1	0.1	-0.2	0.0	-0.2				
Percent Difference	-0.3%	-0.1%	-0.2%	0.1%	0.3%	-0.1%	-0.4%	0.2%	0.1%	-0.3%	0.1%	-0.49				
Critical (15%)																
No Action Alternative	55.0	49.6	43.8	42.1	43.7	46.7	49.3	51.3	53.0	52.8	53.6	55.8				
Alternative B	54.4	49.4	43.8	42.2	43.8	46.7	49.3	51.4	52.9	53.0	53.5	54.7				
Difference	-0.5	-0.2	0.0	0.1	0.1	0.0	0.0	0.1	-0.1	0.2	-0.1	-1.1				
Percent Difference	-0.9%	-0.4%	0.0%	0.2%	0.1%	0.0%	0.0%	0.2%	-0.2%	0.4%	-0.2%	-2.09				

1 Based on the 82-year simulation period

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



Figure SQ-36-5b Clear Creek below Whiskeytown, Monthly Temperature Probability of Exceedance

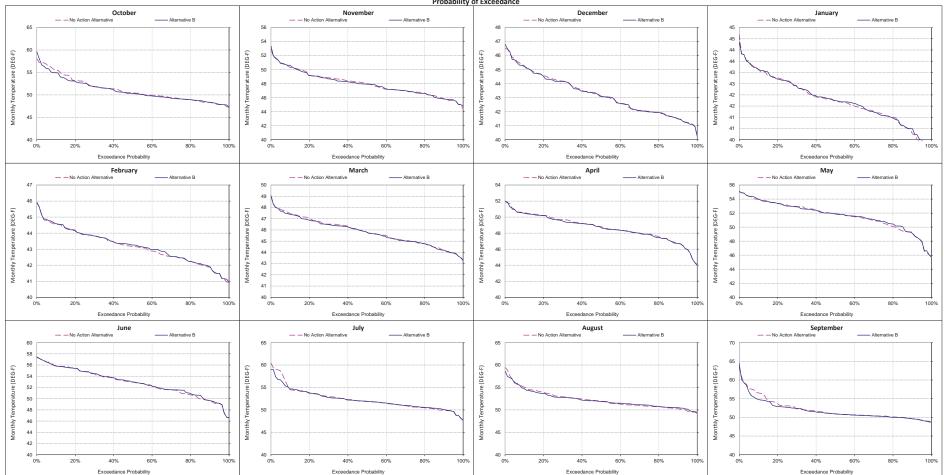


Table SQ-36-5b Clear Creek below Whiskeytown, Monthly Temperature Probability of Exceedance

Decembe

Novembe

Octobe

January Percent Percent Percent Percent No Action Alternative Alternative B Absolute Relative Exceedance Relative Relative Relative Exceedance Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG.E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% 0.0% 59.6 2.6% 0.0% 52.9 53.3 0.8% 0.0% 46.5 46.8 0.7% 44.4 -0.3 -0.7% 1.2% 57.2 58.1 0.9 1.6% 1.2% 51.8 52.0 0.2 0.4% 1.2% 46.5 46.5 0.0 0.0% 1.2% 43.8 43.8 0.0 0.0% 2.5% 57.2 56.7 -0.9% 2.5% 51.7 51.6 -0.2% 2.5% 46.2 46.3 0.2% 2.5% 43.8 43.8 0.0% 3.7% 3.7% 57.1 56.4 -0.8 -1.3% 3.7% 51.4 51.4 0.0 0.0% 3.7% 45.9 45.7 -0.2 -0.3% 43.5 43.5 0.0 -0.1% 4.9% 56.9 55.9 -1.7% 4.9% 50.9 51.0 0.1% 4.9% 45.8 45.7 -0.1 -0.2% 4.9% 43.5 43.4 -0.1 -0.2% 6.2% 6.2% 6.2% 6.2% 56.4 55.8 -0.6 -1.0% 50.8 50.9 0.1 0.1% 45.6 45.5 -0.1 -0.2% 43.4 43.3 0.0 -0.1% 7.4% 56.2 55.8 55.1 54.9 -2.0% -1.5% 7.4% 0.2% 7.4% 45.5 -0.2 -0.1 -0.4% 7.4% 43.3 43.2 0.0 -0.1% 0.1 8.6% 8.6% 8.6% 8.6 · . 9.9% 11.1% 12.3% 8.6% -0.8 50.5 50.6 0.2% 45.4 45.3 -0.1% 43.2 43.2 0.0% 9.9% -1.0% 0.6% -0.1% 43.1 0.0% 11.1% 12.3% 55.5 54.9 -0.6 -1.0% 11.1% 50.3 50.4 0.1 0.2% 11.1% 45.1 45.1 0.1 0.2% 43.0 43.1 0.1 0.1% 13.6% 13.6% 13.6% 0.1% 54.5 53.9 -0.6 -1.1% 50.1 50.0 -0.1 -0.2% 45.0 45.0 0.0 0.0% 43.0 43.0 0.0 -1.4% 16.0% 16.0% 16.0% 16.0% 54.4 53.3 -1.1 -2.0% 50.0 49.7 -0.3 -0.5% 44.8 44.7 -0.1 -0.1% 42.8 42.9 0.0 0.0% 18.5% -0.1 18.5% -0.2% 18.5% 0.0% 18.5% -0.1% 53.3 53.1 -0.3% 49.7 49.6 -0.1 44.7 44.7 0.0 42.8 42.8 0.0 19.8% 21.0% 53.2 53.2 -0.1 -0.4 -0.3% 19.8% 49.2 19.8% 0.0 0.0% 19.8% 21.0% 42.8 42.7 42.7 42.7 44.5 52.8 -0.8% 49.1 49.1 0.0 0.0% 44.3 0.0 -0.1% 22.2% 23.5% -0.8% 22.2% 23.5% 0.0% 22.2% 23.5% -0.3% 22.2% 23.5% 42.7 -0.1 -0.1 -0.1 0.0 53.1 52.7 -0.4 49.1 44.4 44.3 42.7 42.6 -0.8% 49.1 0.0 0.0% -0.2% -0.1% 24.7% 25.9% -0.8% 0.1% 24.7% 25.9% 24.7% 25.9% 24.7% 25.9% 42.6 42.6 53.0 49.1 44.3 -0.1 -0.1 -0.2% 0.0 0.0% 52.5 52.6 0.0 48.9 -0.1 -0.1% 44.3 44.2 -0.1% 48.9 -0.3% 42.6 27.2% 28.4% 27.2% 28.4% 52.2 52.0 -0.2 -0.4% 27.2% 48 9 48.8 -0.2% 27.2% 44 2 -0.1% 42.5 42.5 0.0 51.8 0.1 0.3% 28.4% 48.9 48.8 -0.1 -0.2% 28.4% 44.2 44.2 0.0 -0.1% 42.4 42.4 0.0 0.1% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 51.8 51.8 0.1% 48.8 48.8 48.7 -0.3% -0.3% 44.2 -0.1% 0.0% 42.4 42.3 0.0 0.0% 48.7 42.3 44.2 32.1% 51.8 -0.1 -0.1% 32.1% 48.7 48.6 -0.3% 32.1% 44.1 44.1 0.0 0.0% 32.1% 42.3 42.3 0.0 0.0% 33.3% 51.5 0.1 0.2% 33.3% -0.3% 33.3% 44.0 0.0 0.1% 33.3% 42.2 42.3 0.0 0.1% 34.6% 51.5 0.0 0.0% 34.6% 48.7 48.4 -0.3 -0.6% 34.6% 43.8 43.8 0.0 0.0% 34.6% 42.2 42.2 0.0 0.1% 35.8% 0.0% 35.8% 35.8% -0.3% 35.8% 0.1 48.4 -0.6% 43.8 -0.1 42.1 42.2 0.3% 37.0% 0.0 0.0% 37.0% 48.6 48.3 -0.3-0.5% 37.0% 43.7 43.6 -0.1-0.2%37.0% 42.0 42.1 0.1 0.1% 38.3% 51.4 51.3 -0.1% 38.3% 48.3 38.3% -0.1% 38.3% 42.0 0.0% 43.6 43.6 39.5% 51.4 51.2 -0.1 -0.2% 39.5% 48.4 48.3 -0.1 -0.3% 39.5% 43.6 43.5 -0.1 -0.3% 39.5% 41.9 42.0 0.1 0.2% 40.7% 51.3 50.9 -0.4 -0.8% 40.7% 48.4 48.3 -0.1 -0.2% 40.7% 43.5 43.5 0.0 0.0% 40.7% 41.9 41.9 0.0 0.0% 42.0% 51.2 50.7 -0.5 -1.0% 42.0% 48.4 48.2 -0.2-0.4% 42.0% 43.4 43.4 0.0 0.0% 42.0% 41.9 41.9 0.0 0.0% 43.2% 51.0 50.6 -0.4 -0.8% 43.2% 48.3 48.2 -0.1 -0.3% 43.2% 43.4 43.4 -0.1 -0.2% 43.2% 41.9 41 9 0.0 0.1% 44.4% 50.6 0.0 0.0% 44.4% 48.2 48.1 -0.3% 44.4% 43.4 43.4 0.0 -0.1% 44.4% 41.8 41.9 0.0 0.1% 45.7% 45.7% 45.7% 50.6 50.5 -0.1 -0.1% 48.2 48.0 -0.2 -0.5% 43.3 43.4 0.0 0.1% 45.7% 41.8 41.8 0.0 0.1% 0.0 46.9% 50.6 50.4 -0.4% 46.9% 48.2 48.0 -0.2-0.4% 46.9% 43.3 43.3 0.1% 46.9% 41.8 41.8 0.0% 48.1% 49.4% 50.5 50.4 -0.2 -0.3% 48.1% 48.1 48.0 -0.2 -0.3% 48.1% 43.3 43.2 0.0 0.0% 48.1% 41.8 41.8 0.0 0.1% -0.3% 49.4% 48.0 47.9 -0.2% 49.4% 43.2 43.1 -0.1-0.1% 49.4% 41.8 0.0 0.0% 50.6% 50.6% 50.6% 50.6% 50.4 50.2 -0.2 -0.3% 48.0 47.9 -0.1 -0.2% 43.1 43.1 0.0 0.0% 41.7 41.7 0.0 0.0% 41.7 51.9% 50.2 -0.1-0.3% 51.9% 47.9 0.0 0.0% 43.1 43.1 0.0 0.0% 51.9% 53.1% 53.1% 53.1% 53.1% 50.4 -0.2 0.1 0.2% 0.0 50.2 -0.4% 47.8 479 43.0 43.0 0.0 417 417 0.0% 55.6% 56.8% 55.6% 55.6% 55.6% 50.1 50.1 0.0 0.0% 47.6 47.6 0.1 0.1% 42.9 43.0 0.1 0.3% 41.6 41.7 0.0 0.1% 56.8% 58.0% 58.0% 0.5% 58.0% 50.0 49.8 -0.2 -0.3% 47.3 47.6 0.2 42.7 42.6 0.0 -0.1% 58.0% 41.5 41.7 0.1 0.3% 60.5% 60.5% 60.5% 49.9 49.7 -0.2 -0.4% 47.2 47.2 0.0 0.0% 42.6 42.6 0.0 0.0% 60.5% 41.5 41.6 0.1 0.3% -0.4% 61.7% 47.2 42.5 63.0% 63.0% 63.0% 63.0% 0.1 49.9 49.6 -0.3 -0.6% 47.2 47.2 0.0 0.0% 42.5 42.5 0.0 0.1% 41.4 41.5 0.3% 64.2% 65.4% 49.7 49.7 49.6 49.5 -0.2 -0.2 -0.4% -0.4% 64.2% 65.4% 64.2% 65.4% 42.5 42.2 64.2% 65.4% 0.1 47.1 47.1 0.1% 42.2 0.0 41.4 41.4 0.0% 0.0 0.0% 66.7% 67.9% 49.6 49.6 -0.2% -0.4% 66.7% 67.9% 66.7% 67.9% 66.7% 67.9% 49 5 47 1 0.0% 42.2 -0.1 0.0 -0.1% 413 0.0 0.0% -0.2 47.1 42.1 47.0 42.1 41.3 49.4 0.0 0.0% 0.0% 41.3 -0.1% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 49.4 10.1 0.0% 47.0 41.3 49.4 -0.3% 42.1 0.0 49.2 -0.2 47.0 0.1 0.1% 42.1 0.0 -0.1% 41.2 41.2 0.0% 46.9 71.6% 49.3 49 1 -0.2 -0.4% -0.3% 71.6% 46.9 46.9 0.1% 71.6% 42.1 42 0 0.0% 71.6% 41.2 41 2 0.0 0.0% 72.8% 49.3 49.1 -0.2 72.8% 46.9 46.9 0.0 0.0% 72.8% 42.0 42.0 0.0 72.8% 41.2 41.1 -0.1 -0.2% -0.1% 0.1% 0.0% 74.1% 75.3% 74.1% 75.3% 74.1% 46.8 74.1% -0.1% -0.1% -0.1 0.0 75.3% 75.3% 42.0 0.0 41.1 0.0% 76.5% 49.0 49.1 0.1 0.1% 76.5% 46.8 46.7 -0.3% 76.5% 42.0 42.0 0.0 0.0% 76.5% 41.1 0.0 0.0% 77.8% 0.0% 77.8% -0.2% 77.8% 0.0% 77.8% 0.0 0.0% 49.0 42.0 41.0 79.0% 48.9 48.9 0.0 0.0% 79.0% 46.7 46.6 -0.2% 79.0% 42.0 41.9 0.0 0.0% 79.0% 41.0 41.0 0.0 0.0% 80.2% 0.0% 80.2% 46.6 46.6 -0.1% 80.2% 80.2% 41.0 0.0 48.9 42.0 41.9 0.0 0.0% 41.0 -0.1% 81.5% 48.8 48.8 0.0 0.0% 81.5% 46.4 46.4 0.0% 81.5% 41.9 41.9 -0.1-0.1% 81.5% 41.0 40.9 -0.1-0.2%82.7% 82.7% 48.7 48.8 0.1 0.2% 82.7% 46.3 46.4 0.0% 41.8 41.8 0.0 0.0% 82.7% 40.9 0.1 0.2% 84.0% 48.7 48.8 0.1 0.2% 84.0% 46.3 46.3 0.0 0.0% 84.0% 41.8 41.7 -0.1 -0.2% 84.0% 40.7 40.7 0.0 0.0% 85.2% 48.5 48.7 0.2 0.5% 85.2% 46.3 46.0 -0.3 -0.6% 85.2% 41.7 41.7 0.0 0.1% 85.2% 40.6 40.6 0.1 0.1% 86.4% 48.4 48.6 0.5% 86.4% 46.0 -0.3% 86.4% 41.6 41.7 0.0% 86.4% 40.6 40.6 0.0 0.1% 87.7% 48.4 48.5 0.1 0.3% 87.7% 46.0 45.9 -0.1 -0.3% 87.7% 41.6 416 0.0 0.0% 87.7% 40.5 40.5 0.0 0.0% 88.9% 48.4 48.4 0.0 0.0% 88.9% 46.0 45.9 -0.1 -0.2% 88.9% 41.5 41.6 0.1 0.1% 88.9% 40.5 40.5 0.0 0.0% 90.1% 48.3 48.3 0.0 0.0% 90.1% 45.8 45.8 0.0 0.0% 90.1% 41.5 41.5 0.0 0.0% 90.1% 40.3 40.5 0.2 0.6% 91.4% 48.2 48.3 0.1 91.4% 45.8 91.4% 41.4 41.5 91.4% 40.2 40.2 0.0 91.4% 92.6% 92.6% 48 1 48.2 0.3% 45.6 45.8 0.1 0.3% 41 3 413 0.0 0.0% 92.6% 40.0 40.2 0.5% 93.8% 47.9 45.7 41.3 93.8% 48.0 0.2 0.3% 93.8% 45.6 0.2 0.3% 93.8% 41.2 0.0 -0.1% 39.9 40.0 0.1 0.2% 95.1% 95.1% 95.1% 95.1% 47.9 47.9 0.0 0.0% 45.6 45.7 0.1 0.2% 41.2 41.2 0.0 -0.1% 39.9 40.0 0.1 0.2% 96.3% 47.8 0.1% 96.3% 45.5 45.5 0.0% 96.3% 97.5% 41.2 -0.1 -0.2% 96.3% 97.5% 39.8 39.9 0.1 -0.1 0.2% 97.5% 97.5% -0.3% 47.8 47.8 0.0 0.0% 45.1 45.0 0.0 0.0% 41 1 41 1 0.0% 39.7 39.6 0.8% 0.0% 98.8% 0.0% 100.0% 100.0% 100.0% 100.0% 47.2 47.2 0.0% 44.4 44.8 0.4 1.0% 40.3 40.2 0.0 0.0% 39.3 39.2 -0.1 -0.2%

Table SQ-36-5b Clear Creek below Whiskeytown, Monthly Temperature Probability of Exceedance

									Probability	of Exceedance									
Percent		February			Percent		March			Percent		April			Percent		May		
Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative
Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
0.0%	(DEG-F) 45.9	(DEG-F) 45.9	0.0	-0.1%	(%) 0.0%	(DEG-F) 49.0	(DEG-F) 49.0	0.0	0.0%		(DEG-F) 51.9	(DEG-F) 51.9	0.0	0.0%	(%) 0.0%	(DEG-F) 55.1	(DEG-F) 55.1	0.0	0.0%
1.2%	45.6	45.6	0.0	0.0%	1.2%	48.3	48.3	0.0	0.0%	1.2%	51.8	51.9	0.1	0.2%	1.2%	54.9	54.9	0.0	0.0%
2.5%	45.2	45.1	-0.1	-0.1%	2.5%	48.0	48.0	0.0	0.0%	2.5%	51.7	51.3	-0.4	-0.8%	2.5%	54.8	54.8	0.0	0.0%
3.7%	44.8 44.8	44.9 44.9	0.0	0.1%	3.7% 4.9%	48.0 47.8	47.9 47.7	0.0 -0.2	-0.1% -0.3%	3.7% 4.9%	51.0 50.9	51.1 51.0	0.2	0.3%	3.7% 4.9%	54.6 54.4	54.5 54.4	0.0	-0.1% 0.0%
6.2%	44.7	44.8	0.0	0.1%	6.2%	47.8	47.7	-0.2	-0.2%	6.2%	50.6	50.6	0.0	0.1%	6.2%	54.4	54.4	0.0	0.0%
7.4%	44.7	44.8	0.1	0.2%	7.4%	47.7	47.5	-0.2	-0.4%	7.4%	50.6	50.6	-0.1	-0.1%	7.4%	54.1	54.4	0.2	0.4%
8.6% 9.9%	44.6 44.6	44.7 44.6	0.1	0.2%	8.6% 9.9%	47.6 47.5	47.5 47.4	-0.1 -0.1	-0.3% -0.1%	8.6% 9.9%	50.6 50.5	50.5 50.5	-0.1 -0.1	-0.1% -0.1%	8.6% 9.9%	54.0 54.0	54.2 54.0	0.2	0.4%
11.1%	44.5	44.6	0.0	0.0%	11.1%	47.5	47.4	-0.1	-0.1%	11.1%	50.5	50.5	-0.1	-0.1%	11.1%	54.0	53.9	0.0 -0.1	0.1% -0.2%
12.3%	44.5	44.5	0.0	0.0%	12.3%	47.4	47.3	0.0	-0.1%	12.3%	50.4	50.4	-0.1	-0.1%	12.3%	53.7	53.8	0.1	0.2%
13.6%	44.4	44.5	0.2	0.4%	13.6%	47.3	47.3	-0.1	-0.1%	13.6%	50.4	50.4	-0.1	-0.1%	13.6%	53.7	53.8	0.1	0.2%
14.8% 16.0%	44.3 44.3	44.3 44.2	0.0	-0.1% -0.1%	14.8% 16.0%	47.2 47.2	47.2 47.0	0.0 -0.2	-0.1% -0.4%	14.8% 16.0%	50.4 50.4	50.4 50.2	0.0 -0.1	0.0% -0.2%	14.8% 16.0%	53.6 53.6	53.7 53.5	0.1	0.2% -0.1%
17.3%	44.3	44.2	0.0	-0.1%	17.3%	47.2	47.0	-0.2	-0.4%	17.3%	50.3	50.2	-0.1	-0.2%	17.3%	53.5	53.5	0.0	0.1%
18.5%	44.2	44.2	0.0	0.0%	18.5%	47.1	46.9	-0.2	-0.4%	18.5%	50.2	50.2	0.0	-0.1%	18.5%	53.5	53.5	0.0	0.0%
19.8%	44.2	44.2	0.0	-0.1%	19.8%	47.1	46.9	-0.2	-0.5%	19.8%	50.2	50.2	0.0	-0.1%	19.8%	53.4	53.4	0.0	0.0%
21.0% 22.2%	44.0 44.0	44.0 44.0	0.0	0.0%	21.0% 22.2%	46.9 46.8	46.8 46.8	-0.1 0.0	-0.3% 0.0%	21.0% 22.2%	50.2 50.2	50.2 49.9	0.0 -0.3	0.0% -0.5%	21.0% 22.2%	53.3 53.3	53.4 53.3	0.0	0.1% 0.0%
23.5%	44.0	43.9	-0.1	-0.1%	23.5%	46.8	46.8	0.0	-0.1%	23.5%	49.9	49.8	-0.1	-0.2%	23.5%	53.2	53.1	-0.1	-0.2%
24.7%	43.9	43.9	0.0	0.0%	24.7%	46.8	46.7	-0.1	-0.2%	24.7%	49.9	49.7	-0.2	-0.3%	24.7%	53.2	53.0	-0.2	-0.3%
25.9% 27.2%	43.9 43.9	43.9 43.9	0.0	0.0%	25.9% 27.2%	46.7 46.5	46.5 46.5	-0.2 0.0	-0.3% 0.0%	25.9% 27.2%	49.9 49.7	49.7 49.7	-0.2 -0.1	-0.4% -0.1%	25.9% 27.2%	53.0 53.0	53.0 53.0	0.0	0.0%
28.4%	43.9	43.9	0.0	0.0%	28.4%	46.5 46.5	46.5	0.0	0.0%	28.4%	49.7	49.7	-0.1	-0.1%	28.4%	53.0	53.0	0.0	-0.1%
29.6%	43.8	43.8	0.0	0.0%	29.6%	46.5	46.5	0.0	-0.1%	29.6%	49.7	49.6	-0.1	-0.3%	29.6%	53.0	52.9	-0.1	-0.1%
30.9%	43.8	43.8	0.0	0.0%	30.9%	46.5	46.4	-0.1	-0.1%	30.9%	49.7	49.4	-0.2	-0.5%	30.9%	52.9	52.9	0.0	-0.1%
32.1% 33.3%	43.8 43.7	43.8 43.7	0.0	0.0%	32.1% 33.3%	46.5 46.5	46.4 46.4	-0.1 -0.1	-0.2% -0.3%	32.1% 33.3%	49.7 49.6	49.3 49.3	-0.3 -0.3	-0.6% -0.5%	32.1% 33.3%	52.9 52.9	52.6 52.6	-0.3 -0.3	-0.6% -0.5%
34.6%	43.7	43.7	0.0	0.0%	34.6%	46.5	46.4	-0.1	-0.2%	34.6%	49.4	49.3	-0.1	-0.2%	34.6%	52.6	52.6	0.0	-0.1%
35.8%	43.7	43.7	0.0	0.0%	35.8%	46.4	46.4	-0.1	-0.2%	35.8%	49.4	49.3	-0.1	-0.2%	35.8%	52.6	52.6	0.0	-0.1%
37.0%	43.5 43.5	43.6 43.5	0.1	0.2%	37.0%	46.4 46.4	46.4 46.3	-0.1 -0.1	-0.2%	37.0% 38.3%	49.3 49.3	49.3 49.2	-0.1	-0.2%	37.0% 38.3%	52.6 52.6	52.6 52.4	0.0	-0.1%
38.3% 39.5%	43.5	43.5	0.0	0.0%	38.3% 39.5%	46.4	46.3	-0.1	-0.2% -0.2%	39.5%	49.2	49.2	-0.1 0.0	-0.2% 0.0%	39.5%	52.4	52.4	-0.1 0.0	-0.3% 0.0%
40.7%	43.4	43.4	0.0	0.0%	40.7%	46.3	46.2	-0.1	-0.1%	40.7%	49.2	49.2	0.0	0.0%	40.7%	52.3	52.3	0.0	0.0%
42.0%	43.4	43.4	0.0	0.0%	42.0%	46.1	46.1	0.0	0.0%	42.0%	49.2	49.2	0.0	0.0%	42.0%	52.3	52.2	-0.1	-0.3%
43.2% 44.4%	43.3 43.3	43.4 43.4	0.0	0.1%	43.2% 44.4%	46.1 46.0	46.1 46.1	0.0	0.1%	43.2% 44.4%	49.2 49.1	49.1 49.1	0.0	-0.1% -0.1%	43.2% 44.4%	52.1 52.1	52.1 52.0	0.0 -0.1	-0.1% -0.2%
45.7%	43.3	43.4	0.1	0.2%	45.7%	46.0	46.0	0.0	0.0%	45.7%	49.0	49.1	0.0	0.1%	45.7%	52.1	52.0	-0.1	-0.1%
46.9%	43.2	43.3	0.1	0.3%	46.9%	46.0	46.0	0.0	-0.1%	46.9%	48.9	48.9	0.0	0.0%	46.9%	52.0	52.0	0.0	0.0%
48.1%	43.2	43.3	0.1	0.2%	48.1%	45.9	45.9	0.0	0.0%	48.1%	48.9	48.8	0.0	-0.1%	48.1%	52.0	52.0	0.0	0.0%
49.4% 50.6%	43.2 43.2	43.3 43.3	0.1	0.2% 0.2%	49.4% 50.6%	45.8 45.7	45.8 45.7	0.0	0.0% -0.1%	49.4% 50.6%	48.8 48.8	48.8 48.6	0.0 -0.1	-0.1% -0.3%	49.4% 50.6%	51.9 51.9	51.9 51.9	0.0 -0.1	0.0% -0.1%
51.9%	43.2	43.2	0.1	0.2%	51.9%	45.7	45.7	0.0	0.0%	51.9%	48.6	48.6	-0.1	-0.1%	51.9%	51.9	51.8	-0.1	-0.1%
53.1%	43.1	43.2	0.0	0.1%	53.1%	45.7	45.7	0.0	0.0%	53.1%	48.6	48.5	-0.1	-0.2%	53.1%	51.8	51.8	-0.1	-0.1%
54.3% 55.6%	43.1 43.1	43.2 43.1	0.1	0.1%	54.3% 55.6%	45.7 45.6	45.6 45.6	0.0	-0.1% 0.0%	54.3% 55.6%	48.5 48.5	48.5 48.4	0.0	-0.1% -0.1%	54.3% 55.6%	51.8 51.7	51.8 51.6	0.0	-0.1% -0.1%
56.8%	43.1	43.1	0.0	0.1%	56.8%	45.6	45.5	0.0	0.0%	56.8%	48.5	48.4	0.0	0.0%	56.8%	51.6	51.6	0.0	0.0%
58.0%	42.9	43.1	0.2	0.4%	58.0%	45.5	45.5	-0.1	-0.2%	58.0%	48.4	48.4	0.0	0.0%	58.0%	51.5	51.6	0.1	0.1%
59.3% 60.5%	42.9 42.9	43.0 43.0	0.1	0.2%	59.3% 60.5%	45.5 45.5	45.5 45.3	-0.1 -0.2	-0.2% -0.3%	59.3% 60.5%	48.4 48.4	48.4 48.3	0.0 -0.1	-0.1% -0.1%	59.3% 60.5%	51.5 51.5	51.6 51.6	0.1	0.2%
61.7%	42.9	43.0	0.1	0.2%	61.7%	45.5 45.3	45.3	0.0	0.0%	61.7%	48.3	48.3	0.0	0.0%	61.7%	51.5	51.6	0.1	0.2%
63.0%	42.8	43.0	0.1	0.3%	63.0%	45.2	45.3	0.0	0.0%	63.0%	48.3	48.3	0.0	0.1%	63.0%	51.4	51.5	0.1	0.2%
64.2%	42.7	42.9 42.9	0.2	0.5%	64.2%	45.2	45.2 45.2	0.0	0.0%	64.2%	48.2	48.2 48.2	0.1	0.2%	64.2%	51.3	51.5 51.3	0.2	0.3%
65.4% 66.7%	42.7 42.6	42.9 42.8	0.2	0.5%	65.4% 66.7%	45.2 45.2	45.2 45.1	0.0 -0.1	0.0% -0.2%	65.4% 66.7%	48.1 48.1	48.2 48.1	0.1 0.1	0.1%	65.4% 66.7%	51.2 51.2	51.3	0.1	0.2%
67.9%	42.6	42.7	0.1	0.3%	67.9%	45.1	45.1	0.0	-0.1%	67.9%	48.1	48.0	0.0	0.0%	67.9%	51.1	51.2	0.0	0.1%
69.1%	42.6	42.6	0.0	0.0%	69.1%	45.1	45.1	0.0	0.0%	69.1%	48.0	48.0	0.0	0.0%	69.1%	51.0	51.1	0.1	0.3%
70.4% 71.6%	42.5 42.5	42.5 42.5	0.0	0.0%	70.4% 71.6%	45.1 45.0	45.0 45.0	-0.1 -0.1	-0.1% -0.1%	70.4% 71.6%	48.0 47.9	47.9 47.9	-0.1 0.0	-0.1% -0.1%	70.4% 71.6%	50.9 50.9	51.1 51.0	0.1	0.3%
72.8%	42.5	42.5	0.0	0.0%	72.8%	45.0	45.0	0.0	0.0%	72.8%	47.9	47.9	0.0	0.0%	72.8%	50.8	50.9	0.1	0.2%
74.1%	42.5	42.5	0.0	0.0%	74.1%	45.0	44.9	0.0	-0.1%	74.1%	47.9	47.9	0.0	0.0%	74.1%	50.8	50.8	0.0	0.0%
75.3% 76.5%	42.4 42.4	42.5 42.4	0.0	0.0%	75.3% 76.5%	45.0 44.8	44.9 44.9	0.0	-0.1% 0.1%	75.3% 76.5%	47.9 47.9	47.8 47.7	0.0 -0.1	0.0% -0.3%	75.3% 76.5%	50.5 50.4	50.8 50.7	0.3 0.2	0.5% 0.5%
77.8%	42.4	42.4	0.0	0.1%	77.8%	44.8	44.9	0.0	0.1%	77.8%	47.7	47.5	-0.1	-0.4%	77.8%	50.4	50.7	0.2	0.5%
79.0%	42.2	42.2	0.0	0.0%	79.0%	44.8	44.8	0.0	0.0%	79.0%	47.6	47.5	-0.1	-0.3%	79.0%	50.2	50.5	0.3	0.6%
80.2%	42.2	42.2	0.0	0.0%	80.2%	44.8	44.8	0.0	0.0%	80.2%	47.5	47.5	-0.1	-0.1%	80.2%	50.1	50.4	0.3	0.7%
81.5% 82.7%	42.2 42.1	42.2 42.1	0.0	0.0%	81.5% 82.7%	44.7 44.7	44.7 44.6	0.0	-0.1% -0.1%	81.5% 82.7%	47.4 47.4	47.4 47.3	0.0	-0.1% 0.0%	81.5% 82.7%	50.0 49.8	50.2 50.2	0.2	0.4%
84.0%	42.1	42.1	0.0	0.1%	84.0%	44.5	44.5	0.0	0.0%	84.0%	47.3	47.3	0.0	0.0%	84.0%	49.6	50.2	0.6	1.2%
85.2%	42.0	42.1	0.1	0.2%	85.2%	44.5	44.5	0.0	0.0%	85.2%	47.1	47.1	0.0	0.0%	85.2%	49.4	50.0	0.6	1.2%
86.4% 87.7%	42.0 42.0	42.0 42.0	0.0	0.1%	86.4% 87.7%	44.4 44.4	44.3 44.3	-0.1 -0.1	-0.3% -0.3%	86.4% 87.7%	47.0 46.9	47.0 46.8	0.0 -0.1	0.0%	86.4% 87.7%	49.4 49.3	49.4 49.3	0.0	0.0%
87.7%	42.0 41.9	42.0 42.0	0.0	0.0%	88.9%	44.4 44.2	44.3 44.2	-0.1	-0.3%	88.9%	46.9 46.8	46.8	-0.1	-0.2%	87.7% 88.9%	49.3 49.3	49.3	0.0	0.0%
90.1%	41.9	41.9	0.0	0.0%	90.1%	44.2	44.2	0.0	0.0%	90.1%	46.7	46.7	0.0	0.0%	90.1%	49.3	49.1	-0.2	-0.4%
91.4%	41.7	41.7	0.0	0.0%	91.4%	44.1	44.1	0.0	0.1%	91.4%	46.6	46.6	0.0	0.0%	91.4%	48.7	48.7	0.0	0.0%
92.6% 93.8%	41.5 41.5	41.6 41.5	0.0	0.1%	92.6% 93.8%	44.0 44.0	44.1 44.0	0.1	0.2% -0.1%	92.6% 93.8%	46.4 46.1	46.4 46.1	0.0	0.0%	92.6% 93.8%	48.5 48.3	48.5 48.3	0.0	0.1%
95.1%	41.5	41.5	0.0	0.0%	95.1%	43.9	44.0	0.0	0.1%	95.1%	45.9	45.9	0.0	0.0%	95.1%	46.3 47.9	48.0	0.0	0.0%
96.3%	41.2	41.2	0.0	0.0%	96.3%	43.9	43.9	0.0	0.1%	96.3%	45.5	45.5	0.0	0.0%	96.3%	46.6	46.6	0.1	0.1%
97.5% 98.8%	41.1 40.9	41.2 41.1	0.0 0.2	0.1%	97.5% 98.8%	43.7 43.5	43.7 43.5	0.0	0.0%	97.5% 98.8%	44.8 44.3	44.8 44.3	0.0	0.0%	97.5% 98.8%	46.3 46.1	46.6 46.1	0.3	0.6%
100.0%	40.9	41.1 40.9	0.2	0.4%	100.0%	43.5	43.5	0.0	0.1%	100.0%	44.3	44.3 44.1	0.0	0.0%	100.0%	46.1 45.7	45.8 45.8	0.0	0.0%
100.070	-10.0	10.0	0.0	0.070	100.070	10.2	10.0	Ų.,	0.170	100.070	10.0		U.L	0.070	100.070	10.1	10.0	0.0	0.070

Table SQ-36-5b
Clear Creek below Whiskeytown, Monthly Temperature
Probability of Exceedance

August

	Percent		June			Percent		,			Percent		August			Percent				
		No Action Alternative	Alternative B	Absolute	Relative		No Action Alternative	Alternative B	Absolute	Relative		No Action Alternative	Alternative B	Absolute	Relative		No Action Alternative	Alternative B	Absolute	Relative
The column The	Probability	Monthly Temperature	Monthly Temperature		Difference (%)	Probability	Monthly Temperature	Monthly Temperature		Difference (%)	Probability	Monthly Temperature	Monthly Temperature		Difference (%)	Probability	Monthly Temperature	Monthly Temperature		Difference (%)
The control	(%)	(DEG-F)	(DEG-F)																	
2-10	0.0%					0.0%				-2.2%	0.0%					0.0%				1.6%
1		57.2		0.0	0.0%		59.4			-0.7%			57.5						-0.7	-1.2%
Column						2.5%					2.5%					2.5%				0.0%
Section Sect	3.7%																		-0.3	-0.5%
The																				-1.2%
Section Sect																				-3.0%
1.00																				-3.4%
14.00	8.6%			-0.1		8.6%					8.6%				-0.8%				-1.6	-2.8%
120. 667 667 667 667 667 667 667 667 667 66					-0.1%														-1.8	-3.1%
14.00	11.1%					11.1%				0.5%	11.1%									-3.1%
Left 1.5	12.3%				-0.1%	12.3%				0.3%	12.3%									-3.1%
16 16 16 16 16 16 16 16	13.6%	55.7	55.7	0.0	-0.1%	13.6%	54.3	54.5	0.2	0.3%	13.6%	54.5	54.2	-0.3	-0.6%	13.6%	55.5	54.5	-1.0	-1.7%
175	14.8%	55.7	55.6	-0.1	-0.3%	14.8%	54.3	54.2	0.0	-0.1%	14.8%	54.3		-0.2	-0.3%	14.8%	54.5	54.2	-0.3	-0.6%
15 15 15 15 15 15 15 15	16.0%	55.7	55.5		-0.3%	16.0%	54.3	54.1	-0.1			54.3	53.9			16.0%	54.2	54.1	-0.1	-0.3%
18.											17.3%									-1.8%
19th 554	18.5%	55.5	55.5	0.0	0.0%	18.5%	54.0	54.1	0.1	0.2%	18.5%	54.1	53.7	-0.4	-0.7%	18.5%	54.1	53.0	-1.1	-2.0%
22 10																				-1.7%
22.7. 550	21.0%	55.4	55.4	0.0	0.0%	21.0%	53.7	53.7	0.0	0.1%	21.0%	53.8	53.6	-0.2	-0.3%	21.0%	53.2	52.8	-0.3	-0.6%
20																				-0.6%
2-77. 548	23.5%				-0.2%		53.5			0.2%			53.2		-0.8%					-0.6%
250.00 548											24.7%							52.7		-0.7%
27th 541																			-0.4	-0.7%
196. 196.	27.2%			-0.1						-0.4%	27.2%					27.2%			-0.4	-0.8%
240 245 245 246 247			54.5	-0.2									52.8	-0.2				52.5	-0.4	-0.7%
300. 44 54 56 50 66 50 50 57 40 46 50 50 50 50 50 50 50 5																				
2-11 541 543 640 674 624 625 626 624 625 626				0.2		30.9%				-0.4%	30.9%			-0.2	-0.3%					0.4%
20.00																				0.5%
50 50 50 50 50 50 50 50																				0.0%
Seek Side																				
370% 03.8 03.9 03.9 03.9 03.9 03.9 03.0 03.9 03.0 03.9 03.0 03.9 03.0 03.9 03.0 03.9 03.0 03.9 03.0 03.9 03.0 03.9 03.0 03.9 03.0 03.9 03.0 03.9 03.0 03.9 03.0 03.0																				-0.3%
\$4.50		53.0	53.0			37.0%					37.0%		52.0							
390% 537 538 611 02% 390% 522 0.1 0.2% 50.9 520 0.0 0.0% 52.8 52.9 0.1 0.2% 52.9 0.0 0.0% 52.8 52.9 0.1 0.2% 52.9 0.0 0.0% 52.8 52.9 0.1 0.2% 52.9 0.0 0.0% 52.8 52.9 0.1 0.2% 52.9 0.0 0.0 0.0% 52.8 52.9 0.1 0.2% 52.9 0.0 0.0 0.0% 52.8 52.9 0.0 0.0 0.0% 52.8 52.8 52.9 0.0 0.0 0.0% 52.8 52.8 52.9 0.0 0.0 0.0% 52.8 52.8 52.9 0.0 0.0 0.0% 52.8 52.8 52.9 0.0 0.0 0.0% 52.8 52.8 52.9 0.0 0.0 0.0% 52.8 52.8 52.9 0.0 0.0 0.0% 52.8 52.8 52.9 0.0 0.0 0.0% 52.8 52.8 52.9 0.0 0.0 0.0% 52.8 52.8 52.9 0.0 0.0 0.0% 52.8 52.8 52.9 0.0 0.0 0.0% 52.8 52.8 52.9 0.0 0.0 0.0% 52.8 52.8 52.8 52.9 0.0 0.0 0.0% 52.8 52.8 52.9 0.0 0.0 0.0% 52.8 52.8 52.9 0.0 0.0 0.0% 52.8 52.8 52.9 0.0 0.0 0.0% 52.8 52.8 52.9 0.0 0.0 0.0% 52.8 52.8 52.9 0.0 0.0 0.0% 52.8 52.8 52.9 0.0 0.0 0.0% 52.8 52.8 52.9 0.0 0.0 0.0% 52.8 52.8 52.9 0.0 0.0 0.0% 52.8 52.8 52.9 0.0 0.0 0.0% 52.8 52.8 52.9 0.0 0.0 0.0% 52.8 52.8 52.9 0.0 0.0 0.0% 52.8 52.8 52.9 0.0 0.0 0.0% 52.8 52.8 52.9 0.0 0.0 0.0% 52.8 52.8 52.9 0.0 0.0 0.0% 52.8 52.8 52.9 0.0 0.0 0.0% 52.8 52.8 52.9 0.0 0.0 0.0% 52.8 52.8 52.9 0.0 0.0 0.0% 52.8 52.8 52.9 0.0 0.0 0.0% 52.8 52.8 52.8 52.9 0.0 0.0 0.0% 52.8 52.8 52.8 52.9 52.9 0.0 0.0 0.0% 52.8 52.8 52.8 52.9 52.9 0.0 0.0 0.0% 52.8 52.8 52.8 52.9 52.9 0.0 0.0 0.0% 52.8 52.8 52.8 52.8 52.8 52.8 52.8 52.8																				
407% S34 S36 O.2 O.4% 407% S22 S22 O.1 O.2% 407% S24 S22 O.2 O.4% 407% S25 S25 O.3 O.0 O.4% 407% S25 S25 O.3 O.4% 407% S25 O.5				0.0					-0.1		30.3%			-0.1	-0.2%				-0.2	-0.4%
2.20% 53.4 53.4 53.4 53.4 53.5 53.5 53.5 52.5 53.5 5																				
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$ 76.5\% & 50.9 & 51.5 & 0.6 & 1.2\% & 76.5\% & 50.6 & 50.7 & 0.1 & 0.2\% & 76.5\% & 50.8 & 50.9 & 0.1 & 0.3\% & 76.5\% & 50.3 & 50.2 & 0.1 & 0.2\% \\ 77.8\% & 50.8 & 51.0 & 0.2 & 0.4\% & 77.8\% & 50.5 & 50.6 & 0.1 & 0.2\% & 77.8\% & 50.7 & 50.8 & 0.1 & 0.2\% & 77.8\% & 50.2 & 50.1 & 0.0 & 0.0\% \\ 79.0\% & 50.7 & 50.9 & 0.2 & 0.4\% & 80.2\% & 50.5 & 50.6 & 0.1 & 0.2\% & 79.0\% & 50.7 & 50.8 & 0.1 & 0.2\% & 79.0\% & 50.1 & 50.0 & 0.1 & 0.2\% \\ 81.5\% & 50.6 & 50.7 & 0.2 & 0.3\% & 81.5\% & 50.5 & 50.5 & 0.1 & 0.1\% & 80.2\% & 50.7 & 50.7 & 0.0 & 0.1\% & 80.2\% & 50.1 & 50.0 & 0.1 & 0.2\% \\ 82.7\% & 50.6 & 50.7 & 0.2 & 0.3\% & 81.5\% & 50.3 & 50.5 & 0.2 & 0.5\% & 81.5\% & 50.7 & 50.7 & 0.0 & 0.0\% & 81.5\% & 50.1 & 50.0 & 0.1 & 0.2\% \\ 84.0\% & 50.6 & 50.7 & 0.2 & 0.3\% & 81.5\% & 50.3 & 50.5 & 0.2 & 0.5\% & 81.5\% & 50.6 & 0.0 & 0.0\% & 81.5\% & 50.1 & 50.0 & 0.1 & 0.3\% \\ 84.0\% & 50.1 & 50.6 & 0.5 & 1.1\% & 84.0\% & 50.3 & 50.5 & 0.2 & 0.4\% & 82.7\% & 50.6 & 50.6 & 0.0 & 0.0\% & 82.7\% & 50.0 & 50.0 & 0.0 & 0.0\% \\ 85.2\% & 49.9 & 50.6 & 0.5 & 1.1\% & 84.0\% & 50.3 & 50.4 & 0.1 & 0.3\% & 84.0\% & 50.5 & 50.6 & 0.2 & 0.3\% & 84.0\% & 50.0 & 50.0 & 0.0 & 0.0\% \\ 85.4\% & 49.9 & 50.1 & 0.2 & 0.4\% & 85.2\% & 50.2 & 50.4 & 0.2 & 0.4\% & 85.2\% & 50.4 & 50.6 & 0.2 & 0.3\% & 85.2\% & 50.0 & 49.9 & 0.0 & 0.0\% \\ 87.7\% & 49.8 & 49.9 & 50.1 & 0.2 & 0.4\% & 86.4\% & 50.4 & 50.6 & 0.2 & 0.3\% & 85.2\% & 50.0 & 49.9 & 0.0 & 0.0\% \\ 87.7\% & 49.8 & 49.9 & 50.3 & 0.3 & 0.3 & 0.7\% & 87.7\% & 50.4 & 50.6 & 0.2 & 0.4\% & 89.7\% & 49.9 & 49.8 & 0.1 & 0.2\% \\ 89.9\% & 49.7 & 49.7 & 0.0 & -0.1\% & 89.9\% & 49.9 & 50.1 & 0.2 & 0.4\% & 89.9\% & 50.3 & 50.5 & 0.2 & 0.4\% & 89.9\% & 49.7 & 49.9 & 49.8 & 0.1 & 0.2\% \\ 99.1\% & 49.6 & 49.6 & 0.0 & 0.0\% & 90.1\% & 49.9 & 50.1 & 0.2\% & 90.1\% & 50.2 & 50.5 & 0.3 & 50.5\% & 90.1\% & 49.9 & 49.8 & 0.1 & 0.2\% \\ 99.6\% & 49.2 & 49.4 & 0.2 & 0.5\% & 49.8 & 49.9 & 0.1 & 0.2\% & 90.1\% & 50.2 & 50.5 & 0.3 & 50.5\% & 49.9 & 49.9 & 0.1 & 0.2\% \\ 99.5\% & 49.1 & 49.2 & 0.1 & 0.1\% & 95.5\% & 48.8 & 48.8 & 0.0 & 0.1\% & 97.5\% & 49.5 & 49.5 & 49.0 & 0.1 & 0.2\% \\ 99.6\% & 49.1 & 49.2 & 0.1 & 0.1\% & 95.5\%$																				
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	75.3%	50.9	51.5	0.6		75.3%	50.6	50.7	0.1		75.3%	50.8	51.0				50.3	50.2	-0.1	-0.3%
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$ 92.6\% \qquad 49.2 \qquad 49.4 \qquad 0.2 \qquad 0.5\% \qquad 92.6\% \qquad 49.8 \qquad 49.9 \qquad 0.1 \qquad 0.2\% \qquad 92.6\% \qquad 50.1 \qquad 50.4 \qquad 0.3 \qquad 0.6\% \qquad 92.6\% \qquad 49.5 \qquad 49.5 \qquad 0.0 \qquad 0.17 \\ 93.8\% \qquad 49.1 \qquad 49.2 \qquad 0.1 \qquad 0.2\% \qquad 93.8\% \qquad 49.8 \qquad 49.8 \qquad 49.7 \qquad -0.1 \qquad -0.1\% \qquad 93.8\% \qquad 50.0 \qquad 50.2 \qquad 0.2 \qquad 0.4\% \qquad 93.8\% \qquad 49.3 \qquad 49.3 \qquad 49.1 \qquad 0.1 \qquad 0.1\% \\ 96.5\% \qquad 49.1 \qquad 49.2 \qquad 0.1 \qquad 0.1\% \qquad 95.5\% \qquad 49.7 \qquad 49.6 \qquad -0.1 \qquad -0.2\% \qquad 95.5\% \qquad 49.7 \qquad 50.1 \qquad 0.5 \qquad 10\% \qquad 95.5\% \qquad 49.3 \qquad 49.1 \qquad -0.1 \qquad -0.2\% \\ 97.5\% \qquad 47.4 \qquad 47.4 \qquad 0.0 \qquad 0.1\% \qquad 97.5\% \qquad 48.8 \qquad 48.8 \qquad 0.1 \qquad 0.1\% \qquad 97.5\% \qquad 49.5 \qquad 49.5 \qquad 49.5 \qquad 49.5 \qquad 49.7 \qquad 0.2 \qquad 0.3\% \qquad 49.5 \qquad 49.9 \qquad 49.0 \qquad 0.1 \qquad 0.2\% \\ 98.8\% \qquad 46.7 \qquad 46.7 \qquad 0.0 \qquad 0.0\% \qquad 98.8\% \qquad 48.1 \qquad 48.1 \qquad 0.0 \qquad 0.0\% \qquad 98.8\% \qquad 49.5 \qquad 49.6 \qquad 0.1 \qquad 0.2\% \qquad 98.8\% \qquad 48.8 \qquad 49.0 \qquad 0.1 \qquad 0.2\% \\ 98.8\% \qquad 46.7 \qquad 46.7 \qquad 0.0 \qquad 0.0\% \qquad 98.8\% \qquad 48.1 \qquad 48.1 \qquad 0.0 \qquad 0.0\% \qquad 98.8\% \qquad 49.5 \qquad 49.6 \qquad 0.1 \qquad 0.2\% \qquad 98.8\% \qquad 48.8 \qquad 49.0 \qquad 0.2 \qquad 0.4\% \\ 98.8\% \qquad 46.7 \qquad 46.7 \qquad 0.0 \qquad 0.0\% \qquad 98.8\% \qquad 49.5 \qquad 49.6 \qquad 0.1 \qquad 0.2\% \qquad 98.8\% \qquad 48.8 \qquad 49.0 \qquad 0.2 \qquad 0.4\% \\ 98.8\% \qquad 46.7 \qquad 46.7 \qquad 0.0 \qquad 0.0\% \qquad 98.8\% \qquad 49.5 \qquad 49.6 \qquad 0.1 \qquad 0.2\% \qquad 98.8\% \qquad 48.8 \qquad 49.0 \qquad 0.2 \qquad 0.4\% \\ 98.8\% \qquad 46.7 \qquad 46.7 \qquad 0.0 \qquad 0.0\% \qquad 98.8\% \qquad 49.5 \qquad 49.6 \qquad 0.1 \qquad 0.2\% \qquad 98.8\% \qquad 48.8 \qquad 49.0 \qquad 0.2 \qquad 0.4\% \\ 98.8\% \qquad 46.7 \qquad 46.7 \qquad 0.0 \qquad 0.0\% \qquad 98.8\% \qquad 49.5 \qquad 49.6 \qquad 0.1 \qquad 0.2\% \qquad 98.8\% \qquad 48.8 \qquad 49.0 \qquad 0.2 \qquad 0.4\% \\ 98.8\% \qquad 46.8 \qquad 46.8 \qquad 0.0 \qquad 0.0\% \qquad 98.8\% \qquad 49.5 \qquad 49.6 \qquad 0.1 \qquad 0.2\% \qquad 98.8\% \qquad 48.8 \qquad 49.0 \qquad 0.2 \qquad 0.4\% \\ 98.8\% \qquad 46.8 \qquad 46.8 \qquad 0.0 \qquad 0.0\% \qquad 98.8\% \qquad 49.5 \qquad 49.6 \qquad 0.1 \qquad 0.2\% \qquad 98.8\% \qquad 48.8 \qquad 49.0 \qquad 0.2 \qquad 0.4\% \\ 98.8\% \qquad 46.8 \qquad 46.8 \qquad 0.0 \qquad 0.0\% \qquad 98.8\% \qquad 49.5 \qquad 49.6 \qquad 0.1 \qquad 0.2\% \qquad 98.8\% \qquad 48.8 \qquad 49.0 \qquad 0.2 \qquad 0.4\% $							49.8											49.6		0.1%
93.8% 49.1 49.2 0.1 0.2% 93.8% 49.8 49.7 -0.1 -0.1% 93.8% 50.0 50.2 0.2 0.4% 93.8% 49.3 49.4 0.1 0.1% 95.1% 49.1 49.2 0.1 0.1% 95.1% 49.7 49.6 -0.1 -0.2% 95.1% 49.7 50.1 0.5 1.0% 95.1% 49.3 49.1 -0.1 -0.3% 96.3% 48.9 48.9 0.0 0.0% 96.3% 48.8 48.8 0.1 0.1% 96.3% 49.5 49.8 0.2 0.4% 96.3% 49.1 49.1 0.0 0.0% 97.5% 47.4 47.4 0.0 0.1% 97.5% 48.8 48.8 0.0 0.1% 97.5% 49.5 49.7 0.2 0.3% 97.5% 48.9 49.0 0.1 0.2% 98.8% 48.9 49.0 0.1 0.2% 98.8% 48.9 49.0 0.2 0.4%					0.5%			49.9		0.2%	92.6%					92.6%	49.5	49.5		-0.1%
95.1% 49.1 49.2 0.1 0.1% 95.1% 49.7 49.6 0.1 0.2% 95.1% 49.7 50.1 0.5 1.0% 95.1% 49.3 49.1 0.1 0.3 95.1% 49.9 49.9 49.9 49.9 49.9 49.9 49.9 49.								49.7	-0.1		93.8%		50.2		0.4%			49.4	0.1	0.1%
96.3% 48.9 48.9 0.0 0.0% 96.3% 48.8 48.8 0.1 0.1% 96.3% 49.5 49.8 0.2 0.4% 96.3% 49.1 49.1 0.0 0.0% 97.5% 47.4 47.4 0.0 0.1% 97.5% 48.8 48.8 0.0 0.1% 97.5% 48.5 49.7 0.2 0.3% 97.5% 48.9 49.0 0.1 0.2% 98.8% 48.8 48.8 49.0 0.2 0.4% 98.8% 48.8 49.0 0.2 0.4% 98.8% 48.8 49.0 0.2 0.4% 98.8% 48.8 49.0 0.2 0.4% 98.8% 48.8 49.0 0.2 0.4% 98.8% 48.8 49.0 0.2 0.4% 98.8% 48.8 49.0 0.2 0.4% 98.8% 48.8 49.0 0.2 0.4% 98.8% 48.8 49.0 0.2 0.4% 98.8% 48.8 49.0 0.2 0.4% 98.8% 48.8 49.0 0.2 0.4% 98.8% 48.8 49.0 0.2 0.4% 98.8% 48.8 49.0 0.2 0.4% 98.8% 48.8 49.0 0.2 0.4% 98.8% 48.8 49.0 0.2 0.4% 98.8% 48.8 49.0 0.2 0.4% 98.8% 48.8 49.0 0.2 0.4% 98.8% 49.5 49.0 0.2 0.4% 98.8% 48.8 49.0 0.2 0.4% 98.8% 48.8 49.0 0.2 0.4% 98.8% 49.5 49.0 0.2 0.4% 98.8% 48.8 49.0 0.2 0.4% 98.8% 48.8 49.0 0.2 0.4% 98.8% 49.5 49.0 0.2 0.4% 98.8% 48.8 49.0 0.2 0.4% 98.8% 49.0 0.2 0		49.1					49.7	49.6			95.1%								-0.1	-0.3%
97.5% 47.4 47.4 0.0 0.1% 97.5% 48.8 48.8 0.0 0.1% 97.5% 49.5 49.7 0.2 0.3% 97.5% 48.9 49.0 0.1 0.2% 98.8% 46.7 0.0 0.0% 98.8% 48.1 48.1 0.0 0.0% 98.8% 49.5 49.6 0.1 0.2% 98.8% 48.8 49.0 0.2 0.4%																				0.0%
98.8% 46.7 46.7 0.0 0.0% 98.8% 48.1 48.1 0.0 0.0% 98.8% 49.5 49.6 0.1 0.2% 98.8% 48.8 49.0 0.2 0.4%	97.5%			0.0	0.1%	97.5%			0.0	0.1%	97.5%			0.2		97.5%			0.1	0.2%
				0.0					0.0					0.1						0.4%
	100.0%	46.6	46.6	0.0	0.0%	100.0%	47.6	47.7	0.0	0.0%	100.0%	49.2	49.4	0.3	0.5%	100.0%	48.7	48.7	0.0	0.0%

Table SQ-37-5a Clear Creek at Igo, Monthly Temperature Long-term Average and Average by Water Year Type

					Mon	thly Temp	erature (DE	G-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Mav	Jun	Jul	Aua	Sep
				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	51.9	48.3	43.3	41.9	43.5	46.3	49.5	52.6	55.2	58.3	57.0	53.9
Alternative B	51.7	48.2	43.3	42.0	43.5	46.3	49.4	52.6	55.2	58.2	57.0	53.7
Difference	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	-0.1	0.0	-0.2
Percent Difference ³	-0.4%	0.0%	0.0%	0.0%	0.1%	-0.1%	-0.1%	0.1%	0.1%	-0.1%	0.0%	-0.49
				Water Y	ear Types	2						
Net (32%)												
No Action Alternative	49.9	47.2	42.8	41.6	43.5	45.9	48.4	52.0	54.4	58.0	57.1	52.6
Alternative B	50.0	47.2	42.8	41.6	43.5	45.8	48.3	52.0	54.4	57.7	57.0	52.6
Difference	0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	-0.3	-0.1	0.0
Percent Difference	0.1%	0.1%	0.0%	-0.1%	0.0%	-0.1%	-0.1%	0.1%	0.1%	-0.5%	-0.2%	0.09
Above Normal (15%)												
No Action Alternative	51.3	47.9	43.5	42.3	43.6	46.2	49.0	53.2	56.3	60.1	57.4	53.3
Alternative B	51.0	47.8	43.5	42.2	43.6	46.2	49.1	53.1	56.2	60.0	57.4	53.1
Difference	-0.3	-0.1	0.0	0.0	0.0	0.0	0.1	-0.1	-0.1	-0.1	-0.1	-0.2
Percent Difference	-0.6%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.2%	-0.1%	-0.2%	-0.1%	-0.39
Below Normal (17%)												
No Action Alternative	52.4	48.4	43.4	41.8	42.9	46.0	49.6	53.2	54.8	58.3	57.1	54.0
Alternative B	52.3	48.5	43.4	41.8	42.9	46.0	49.6	53.3	55.2	58.4	57.3	54.1
Difference	-0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.1	0.1	0.0
Percent Difference	-0.3%	0.2%	0.0%	0.1%	0.1%	0.0%	0.0%	0.1%	0.6%	0.2%	0.2%	0.09
Dry (22%)	,					,		,		,	,	
No Action Alternative	52.0	49.0	43.7	42.0	43.4	46.5	50.7	52.7	55.1	57.7	56.2	53.6
Alternative B	51.8	48.9	43.7	42.1	43.5	46.5	50.5	52.7	55.2	57.6	56.2	53.5
Difference	-0.2	-0.1	0.0	0.1	0.1	-0.1	-0.2	0.1	0.1	-0.1	0.1	-0.2
Percent Difference	-0.3%	-0.1%	-0.1%	0.1%	0.2%	-0.1%	-0.4%	0.2%	0.1%	-0.2%	0.1%	-0.39
Critical (15%)	•					•		•		•	•	
No Action Alternative	56.2	49.7	43.9	42.3	44.2	47.3	50.4	52.5	56.2	57.8	57.6	57.2
Alternative B	55.3	49.6	43.9	42.4	44.3	47.3	50.4	52.6	56.1	58.0	57.8	56.2
Difference	-0.9	-0.2	0.0	0.1	0.0	0.0	0.0	0.1	-0.1	0.2	0.1	-0.9
Percent Difference	-1.5%	-0.4%	0.0%	0.2%	0.1%	0.0%	0.0%	0.3%	-0.2%	0.3%	0.2%	-1.79

1 Based on the 82-year simulation period

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



Figure SQ-37-5b Clear Creek at Igo, Monthly Temperature Probability of Exceedance

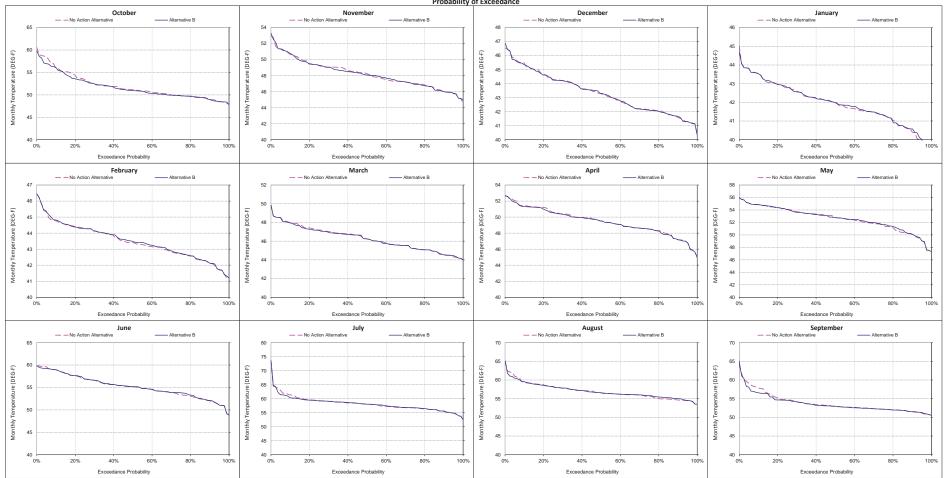


Table SQ-37-5b Clear Creek at Igo, Monthly Temperature Probability of Exceeda

Decembe

Novembe

Octobe

January Percent Percent Percent Percent No Action Alternative Alternative B Absolute Relative Exceedance Relative Exceedance Relative Relative Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (DEG-F) (DEG-F) (%) (DEG-F) ____(%) (DEG-F) (%) 0.0% 0.0% 60.6 59.8 -0.8 -1.3% 0.0% 53.0 53.3 0.3 0.7% 0.0% 46.5 46.9 0.7% 44.7 -0.3-0.7% -0.4% 1.2% 58.9 58.6 -0.3 -0.6% 1.2% 52.8 52.6 -0.2 1.2% 46.5 46.4 0.0 0.0% 1.2% 44.1 44.1 0.0 0.0% 2.5% 58.8 58.2 -1.0% 2.5% 51.6 52.2 1.0% 2.5% 46.3 46.4 0.2% 2.5% 43.9 43.8 -0.1% 3.7% 3.7% 58.6 57.1 -1.5 -2.6% 3.7% 51.4 51.4 0.0 -0.1% 3.7% 45.9 45.7 -0.2 -0.4% 43.9 43.8 0.0 0.0% 4.9% 58.6 57.0 -2.8% 4.9% 51.3 51.3 0.0 0.0% 4.9% 45.8 45.7 -0.1 -0.2% 4.9% 43.8 43.8 0.0 0.0% 6.2% 6.2% 6.2% 6.2% 57.9 56.9 -1.0 -1.7% 51.3 51.2 -0.1 -0.3% 45.6 45.6 -0.1 -0.2% 43.6 43.6 0.0 -0.1% 7.4% 57.1 57.0 -1.2% -1.2% 7.4% 51.0 51.1 51.0 0.1% 7.4% 45.5 -0.1% 7.4% 43.6 43.6 0.0 0.0% 0.1 8.6% 8.6% 8.6% 8.6% 56.3 -0.7 50.9 0.1% 45.5 45.5 0.0 -0.1% 43.6 43.6 0.0 0.0% 9.9% 11.1% 12.3% 9.9% 0.2% -0.3% 43.5 0.0% 11.1% 12.3% 55.8 55.5 -0.4 -0.6% 11.1% 50.5 50.6 0.1 0.2% 11.1% 45.2 45.3 0.1 0.2% 43.5 43.4 0.0 -0.1% 13.6% 13.6% 13.6% 13.6% 0.1% 55.1 55.1 0.0 0.0% 50.4 50.1 -0 3 -0.6% 45.1 45.1 0.0 0.0% 43.1 432 0.1 16.0% 16.0% 16.0% 16.0% 55.1 54.3 -0.8 -1.5% 50.0 49.8 -0.2 -0.3% 45.0 44.9 -0.1 -0.3% 43.1 43.1 0.1 0.2% 18.5% 18.5% -0.3% 18.5% 18.5% 0.1% 54.6 53.6 -1.0 -1.9% 49.8 49.7 -0.1 44.8 44.7 0.0 -0.1% 43.0 43.0 0.0 19.8% 21.0% 54.5 53.8 -0.9 -1.6% 49.5 19.8% -0.1 0.0 19.8% 21.0% 43.0 0.0 21.0% 44.6 53.5 -0.5% 49.4 49.5 0.1 0.1% 44.6 0.0% 42.9 42.9 0.0% 22.2% 23.5% 53.3 53.3 -0.8% 22.2% 23.5% 22.2% 23.5% -0.2% 22.2% 23.5% 42 9 -0.1 0.0 53.7 -0.1 -0.3 44.5 -0.6% 49.4 49.4 0.0 0.0% 44.5 0.0% 42.9 42.8 -0.2% 24.7% 25.9% -0.7% -0.2% 24.7% 25.9% 24.7% 25.9% 24.7% 25.9% 53.5 49.3 0.1% 44.3 42.8 0.0 53.1 -0.1 49.2 49.3 0.1 0.2% 44.3 44.2 0.0 42.8 -0.1% 53.0 -0.1% 42.8 27.2% 28.4% 27.2% 28.4% 52.9 52.6 -0.4% 27.2% 49 2 0.1% 27.2% 44 3 42.7 42.7 0.0 52.6 0.0 28.4% 49.1 49.1 0.0 -0.1% 28.4% 44.3 44.2 0.0 -0.1% 42.7 42.6 -0.1 -0.2% 0.0% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 52.5 52.4 0.1% 49.0 0.0 -0.1% -0.1% 0.0% 42.6 42.5 -0.2% 0.0% 49.0 42.6 32.1% 52.2 52.2 0.0 0.0% 32.1% 48.9 -0.2 -0.4% 32.1% 44.2 44.2 0.0 -0.1% 32.1% 42.5 42.5 0.0 0.0% 33.3% 52.2 0.0 0.0% 33.3% 49.1 48.7 -0.3 -0.6% 33.3% -0.1 -0.1% 33.3% 42.4 42.4 0.1 0.1% 34.6% 52.0 0.2 0.3% 34.6% 49.0 48.7 -0.3 -0.7% 34.6% 44.1 44.1 0.0 0.0% 34.6% 42.3 42.4 0.0 0.1% 35.8% 0.2% 35.8% 35.8% 0.0% 35.8% -0.8% 42.3 0.0% 37.0% 52.0 0.0 0.0% 37.0% 49.0 48.6 -0.3-0.7% 37.0% 43.9 43.9 0.0 0.0% 37.0% 42.3 42.3 0.0 0.0% 38.3% 0.0% 38.3% 48.6 38.3% 0.0% 38.3% 42.3 0.0 51.9 43.8 43.8 0.0% 39.5% 51.9 51.8 -0.1 -0.2% 39.5% 48.6 48.5 0.0 -0.1% 39.5% 43.6 43.6 0.0 0.0% 39.5% 42.2 42.3 0.0 0.1% 40.7% 51.9 51.5 -0.7% 40.7% 48.6 48.5 -0.2% 40.7% 43.6 43.6 0.0 -0.1% 40.7% 42.2 42.2 0.0 -0.1% 42.0% 51.9 51.4 -0.4-0.8% 42.0% 48.5 48.5 -0.2% 42.0% 43.6 43.6 0.0 -0.1% 42.0% 42.2 42.2 0.0 -0.1% 0.0% 43.2% 51.5 51.3 -0.2 -0.4% 43.2% 48.5 48.4 -0.1 -0.3% 43.2% 43.6 43.6 0.0 0.0% 43.2% 42.2 42.2 0.0 44.4% -0.3% 44.4% 48.5 48.4 -0.3% 44.4% 43.5 43.6 0.1% 44.4% 42.1 42.1 0.0 0.0% 45.7% 45.7% 45.7% 51.3 51.2 -0.1 -0.2% 48.4 48.3 0.0 -0.1% 43.5 43.5 0.1 0.2% 45.7% 42.1 42.1 0.0 0.0% 0.0 46.9% 51.2 51.0 -0.4% 46.9% 48.4 48.3 -0.2% 46.9% 43.4 43.5 0.2% 46.9% 42.1 42.1 -0.1% 48.1% 51.2 51.0 -0.2 -0.4% 48.1% 48.4 48 1 -0.2 -0.4% 48.1% 43.3 43.5 0.2 0.4% 48.1% 42.0 42.0 0.0 0.0% 49.4% -0.5% 49.4% 48.3 48.1 -0.2-0.5% 49.4% 43.3 43.3 0.0% 49.4% 42.0 42.0 0.0 0.0% 50.6% 50.6% 50.6% 51.1 50.9 -0.2 -0.3% 48.2 48.1 -0.1 -0.2% 43.2 43.3 0.1 0.1% 50.6% 41.9 42.0 0.0 0.1% 51.9% -0.2% -0.3% 51.9% 48.0 -0.2% 43.2 43.2 0.0% 51.9% 53.1% 41.9 0.0 53.1% 53.1% 53.1% 0.1 0.0 0.1% 51.0 50.9 -0 2 47 9 48 0 0.2 0.3% 43.1 432 41.8 41 9 55.6% 56.8% 55.6% 55.6% 55.6% 50.8 50.8 -0.1 -0.1% 47.8 47.9 0.1 0.3% 43.0 43.0 0.0 0.0% 41.7 41.8 0.1 0.3% 58.0% 58.0% 58.0% 50.8 50.4 -0.4 -0.8% 47.6 47.8 0.2 0.3% 42.9 42.8 -0.1 -0.2% 58.0% 41.7 41.8 0.1 0.2% 60.5% 60.5% 60.5% 50.5 50.3 -0.1 -0.3% 47.5 47.6 0.2 0.3% 42.7 42.7 0.0 0.1% 60.5% 41.6 41.8 0.1 0.3% -0.4% 61.7% 47.6 42 6 63.0% 63.0% 63.0% 63.0% 41.6 0.1 50.4 50.2 -0.3 -0.5% 47.3 47.5 0.2 0.4% 42.6 42.6 0.0 0.1% 41.6 0.1% 64.2% 65.4% 50.2 50.2 -0.3% 64.2% 65.4% 64.2% 65.4% 42.5 42.4 0.0% 64.2% 65.4% 41.5 41.5 41.6 41.6 0.2 0.1 50.3 -0.2 47.3 47.3 0.0% 42.4 0.0 -0.3% 0.0% 66.7% 67.9% 50.3 50.2 66.7% 67.9% 66.7% 67.9% 66.7% 67.9% 50.1 50.0 -0.3% 47.3 0.0% 42.3 42.3 42.2 0.0% 41.5 0.0 0.0% 47.3 -0.2 47.3 0.0 41.5 -0.5% 0.0 0.0% 42.2 -0.1% 41.5 0.0% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% -0.3% 473 41.5 49.9 47.2 -0.1% 0.0 49.9 0.0 47.2 0.0 0.1% 42.2 42.2 0.0 41.4 41.5 0.1% 0.0% 71.6% 49 9 49 9 -0.1 -0.1% -0.1% 71.6% 47.2 0.0% 71.6% 42.2 42.2 -0.1% 71.6% 41 4 41 4 0.0 -0.1% 72.8% 49.9 49.8 -0.1 72.8% 47.1 47.1 0.0 -0.1% 72.8% 42.2 42.1 0.0 -0.1% 72.8% 41.4 41.4 0.0 0.0% 74.1% 75.3% 74.1% 75.3% -0.1% 0.1% 74.1% 47.0 -0.2% -0.3% 74.1% -0.1% -0.1% 0.0 75.3% 75.3% 41.3 41.3 0.1% 76.5% 49.7 49.7 0.0 0.0% 76.5% 47.0 46.9 -0.3% 76.5% 42.1 42.1 -0.1 -0.2% 76.5% 41.2 41.2 0.0 0.0% 77.8% 0.0% 77.8% -0.2% 77.8% -0.1% 77.8% 0.0 49.7 41.2 0.0% 79.0% 49.7 49.7 0.0 0.1% 79.0% 46.9 46.8 -0.3% 79.0% 42.1 42.1 0.0 0.0% 79.0% 41.2 41.2 0.0 0.0% 80.2% 0.3% 80.2% 46.7 80.2% 42.1 80.2% -0.1 49.6 49.7 -0.2% 42.0 -0.1% 41.0 40.9 -0.3% 81.5% 49.5 49.6 0.1 0.2% 81.5% 46.6 46.7 0.1% 81.5% 42.0 42.0 -0.1-0.2%81.5% 41.0 40.9 -0.1-0.2%82.7% 49.4 0.3% 82.7% 46.6 0.0% 82.7% 41.9 41.9 0.0 0.0% 82.7% 40.7 40.8 0.1% 84.0% 49.4 49.5 0.1 0.2% 84.0% 46.6 46.6 0.0 0.0% 84.0% 41.9 41.9 -0.1 -0.1% 84.0% 40.7 40.8 0.0 0.0% 85.2% 49.4 49.4 0.0 0.1% 85.2% 46.4 46.2 -0.2 -0.4% 85.2% 41.8 41.8 0.0 0.1% 85.2% 40.7 40.7 0.0 0.1% 86.4% 49.4 49.4 0.0% 86.4% 46.3 46.1 -0.3% 86.4% 41.8 41.8 0.0% 86.4% 40.6 40.7 0.0 87.7% 49.2 49.4 0.2 0.3% 87.7% 46.2 46.1 -0.1 -0.2% 87.7% 41 7 417 0.0 0.0% 87.7% 40.6 40.6 0.0 0.1% 88.9% 49.2 49.0 -0.2 -0.4% 88.9% 46.1 46.1 0.0 0.0% 88.9% 41.7 41.7 0.0 0.1% 88.9% 40.6 40.6 0.0 0.0% 90.1% 48.9 49.0 0.1 0.2% 90.1% 46.0 46.0 0.0 -0.1% 90.1% 41.6 41.7 0.1 0.2% 90.1% 40.4 40.6 0.2 0.4% 91.4% 48.9 91.4% 46.0 91.4% 41.5 41.6 91.4% 40.4 0.1 0.0 91.4% 92.6% 92.6% 48.6 48.9 0.6% 45.9 45.9 0.0 0.1% 41 4 413 -0.1 -0.2% 92.6% 40.0 40.4 0.8% 93.8% 41.3 93.8% 48.5 48.5 0.0 0.0% 93.8% 45.8 45.9 0.2 0.3% 93.8% 41.3 0.0% 40.0 40.1 0.1 0.2% 95.1% 95.1% 95.1% 95.1% 48.5 48.5 0.0 -0.1% 45.7 45.8 0.0 0.1% 41.3 41.3 0.0 0.0% 39.9 40.0 0.1 0.2% 96.3% 48.4 48.4 0.0% 96.3% 0.1% 96.3% 97.5% 41.2 0.0 0.0% 96.3% 97.5% 39.9 -0.1 -0.4% 97.5% 97.5% 0.0% 0.0 48 4 48.4 0.0 0.1% 45.2 45.2 0.0 41 2 41 1 0.0 -0.1% 39.7 39.7 0.1% 0.0% 98.8% -0.2% 100.0% 100.0% 100.0% 47.8 47.8 0.0 0.0% 100.0% 44.5 44.9 0.4 0.9% 40.3 40.3 0.0 0.0% 38.6 38.6 0.0 0.1%

Table SQ-37-5b
Clear Creek at Igo, Monthly Temperature
Probability of Exceedance

May

March

February

Percent	No Astron Altronomics	Alternative D	Ab1-4-		Percent	No Action Alternation	Alternative D	Abastata		Percent	No Astron Altronolius	Alta-matica D	Abaalata		Percent	No Antino Alternation	Alta-matica D	A h1-4-	
Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative
Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	46.4	46.5	0.0	0.1%	0.0%	49.8	49.8	0.0	0.0%	0.0%	52.6	52.7	0.1	0.2%	0.0%	56.0	56.0	0.0	0.0%
1.2%	46.2	46.2	0.0	-0.1%	1.2%	48.7	48.7	0.0	0.0%	1.2%	52.6	52.6	0.0	0.0%	1.2%	55.7	55.7	0.0	0.0%
2.5%	45.8	45.8	0.0	0.0%	2.5%	48.6	48.6	0.0	0.0%	2.5%	52.3	52.3	0.1	0.1%	2.5%	55.6	55.6	0.0	0.0%
3.7%	45.5	45.4	-0.1	-0.1%	3.7%	48.5	48.5	0.0	0.0%	3.7%	52.2	52.0	-0.2	-0.4%	3.7%	55.2	55.2	0.0	0.0%
4.9%	45.4	45.3	0.0	-0.1%	4.9%	48.5	48.5	0.0	-0.1%	4.9%	52.0	51.9	-0.2	-0.3%	4.9%	55.1	55.1	0.0	0.0%
6.2%	45.0	45.2	0.2	0.4%	6.2%	48.2	48.1	-0.1	-0.3%	6.2%	52.0	51.8	-0.2	-0.5%	6.2%	54.9	54.9	0.0	0.0%
7.4%	44.8	45.0	0.2	0.4%	7.4%	48.2	48.1	-0.1	-0.2%	7.4%	51.5	51.5	0.0	0.0%	7.4%	54.9	54.9	0.0	0.0%
8.6%	44.8	44.8	0.0	0.0%	8.6%	48.1	48.0	0.0	-0.1%	8.6%	51.5	51.3	-0.1	-0.3%	8.6%	54.9	54.9	0.0	0.1%
9.9%	44.8	44.8	0.0	0.1%	9.9%	48.0	48.0	0.0	0.0%	9.9%	51.5	51.3	-0.1	-0.2%	9.9%	54.9	54.9	0.0	0.1%
11.1% 12.3%	44.7 44.7	44.8 44.7	0.1	0.2%	11.1% 12.3%	47.9 47.9	47.9 47.8	0.0 -0.1	0.0%	11.1% 12.3%	51.4 51.3	51.3 51.3	-0.1 -0.1	-0.3% -0.1%	11.1% 12.3%	54.7 54.7	54.8 54.8	0.1	0.2%
13.6%	44.6	44.6	0.0	0.0%	13.6%	47.9	47.7	-0.2	-0.4%	13.6%	51.3	51.3	-0.1	-0.1%	13.6%	54.7	54.7	0.0	0.0%
14.8%	44.6	44.6	0.0	0.0%	14.8%	47.7 47.7	47.7	0.0	-0.1%	14.8% 16.0%	51.3	51.2	0.0	-0.1%	14.8%	54.5	54.7 54.6	0.1 0.1	0.2%
16.0% 17.3%	44.5 44.5	44.5 44.5	0.1 0.0	0.1%	16.0% 17.3%	47.7	47.4 47.4	-0.2 0.0	-0.5% -0.1%	16.0%	51.3 51.2	51.2 51.2	0.0	-0.1% -0.1%	16.0% 17.3%	54.5 54.5	54.6	0.1	0.2% 0.1%
18.5%	44.5	44.5 44.4	0.0	-0.1%	18.5%	47.4	47.4	-0.1	-0.1%	18.5%	51.2	51.2	0.0	0.0%	18.5%	54.5	54.4	-0.1	-0.1%
19.8%	44.4	44.4	0.0	-0.1%	19.8%	47.4	47.3	-0.1	-0.3%	19.8%	51.2	51.0	-0.2	-0.3%	19.8%	54.4	54.4	0.0	0.0%
21.0%	44.4	44.4	0.0	-0.1%	21.0%	47.4	47.2	-0.1	-0.3%	21.0%	51.2	50.9	-0.2	-0.6%	21.0%	54.3	54.4	0.0	0.0%
22.2%	44.4	44.3	-0.1	-0.1%	22.2%	47.3	47.2	-0.2	-0.2%	22.2%	51.0	50.8	-0.2	-0.5%	22.2%	54.3	54.3	0.0	0.0%
23.5%	44.3	44.3	0.0	-0.1%	23.5%	47.2	47.2	-0.1	-0.1%	23.5%	50.8	50.6	-0.2	-0.4%	23.5%	54.2	54.2	0.0	-0.1%
24.7%	44.3	44.3	0.0	0.0%	24.7%	47.2	47.2	0.0	-0.1%	24.7%	50.6	50.6	0.0	-0.1%	24.7%	54.1	54.1	0.0	0.0%
25.9%	44.3	44.3	0.0	0.0%	25.9%	47.2	47.1	-0.1	-0.2%	25.9%	50.6	50.5	-0.1	-0.1%	25.9%	54.1	54.0	-0.1	-0.2%
27.2%	44.3	44.3	0.0	0.0%	27.2%	47.2	47.1	-0.1	-0.2%	27.2%	50.6	50.4	-0.1	-0.2%	27.2%	54.0	53.9	-0.1	-0.2%
28.4%	44.3	44.3	0.0	0.0%	28.4%	47.1	47.1	0.0	0.0%	28.4%	50.4	50.4	0.0	0.0%	28.4%	53.9	53.7	-0.1	-0.2%
29.6%	44.2	44.1	0.0	-0.1%	29.6%	47.1	47.0	-0.1	-0.2%	29.6%	50.4	50.4	0.0	0.0%	29.6%	53.7	53.6	-0.1	-0.2%
30.9%	44.1	44.1	0.0	0.0%	30.9%	47.0	46.9	-0.1	-0.2%	30.9%	50.4	50.3	-0.1	-0.1%	30.9%	53.7	53.6	-0.1	-0.2%
32.1%	44.1	44.1	0.0	0.0%	32.1%	47.0	46.9	-0.1	-0.2%	32.1%	50.4	50.3	-0.1	-0.1%	32.1%	53.6	53.6	0.0	0.0%
33.3%	44.0	44.1	0.0	0.0%	33.3%	46.9	46.8	-0.1	-0.1%	33.3%	50.3	50.2	-0.1	-0.3%	33.3%	53.5	53.5	0.0	0.0%
34.6%	44.0	44.0	0.0	0.0%	34.6%	46.9	46.8	0.0	-0.1%	34.6%	50.2	50.0	-0.1	-0.3%	34.6%	53.5	53.5	0.0	0.0%
35.8%	44.0	44.0	0.0	0.0%	35.8%	46.8	46.8	0.0	-0.1%	35.8%	50.0	50.0	0.0	0.0%	35.8%	53.4	53.4	0.0	0.0%
37.0%	43.9	44.0	0.1	0.2%	37.0%	46.8	46.8	0.0	-0.1%	37.0%	50.0	50.0	0.0	-0.1%	37.0%	53.4	53.4	0.0	0.0%
38.3%	43.9	43.9	0.0	0.0%	38.3%	46.8	46.7	-0.1	-0.1%	38.3%	50.0	50.0	0.0	0.0%	38.3%	53.4	53.3	-0.1	-0.1%
39.5%	43.9	43.9	0.0	0.0%	39.5%	46.8	46.7	-0.1	-0.1%	39.5%	50.0	50.0	0.0	0.0%	39.5%	53.4	53.3	-0.1	-0.2%
40.7%	43.7	43.9	0.2	0.4%	40.7%	46.8	46.7	-0.1	-0.2%	40.7%	50.0	49.9	-0.1	-0.1%	40.7%	53.3	53.2	-0.1	-0.1%
42.0%	43.7	43.7	0.0	0.1%	42.0%	46.7	46.7	-0.1	-0.1%	42.0%	49.9	49.9	0.0	-0.1%	42.0%	53.3	53.2	-0.1	-0.2%
43.2%	43.6	43.6	0.1	0.2%	43.2%	46.7	46.7	0.0	0.0%	43.2%	49.9	49.8	-0.1	-0.2%	43.2%	53.3	53.2	-0.1	-0.2%
44.4%	43.5	43.6	0.1	0.2%	44.4%	46.7	46.7	0.0	0.0%	44.4%	49.9	49.8	-0.1	-0.2%	44.4%	53.2	53.2	0.0	0.0%
45.7%	43.5	43.6	0.1	0.2%	45.7%	46.7	46.6	0.0	0.0%	45.7%	49.8	49.7	-0.1	-0.1%	45.7%	53.2	53.1	-0.1	-0.1%
46.9%	43.4	43.6	0.1	0.3%	46.9%	46.7	46.5	-0.1	-0.2%	46.9%	49.7	49.7	0.0	0.0%	46.9%	53.1	52.9	-0.3	-0.6%
48.1%	43.4	43.5	0.1	0.3%	48.1%	46.3	46.3	0.0	0.0%	48.1%	49.6	49.6	0.0	0.0%	48.1%	53.1	52.9	-0.3	-0.5%
49.4%	43.4	43.5	0.1	0.2%	49.4%	46.3	46.3	0.0	0.0%	49.4%	49.5	49.5	0.0	0.0%	49.4%	52.8	52.8	0.0	0.0%
50.6%	43.4	43.4	0.0	0.1%	50.6%	46.2	46.2	0.0	0.0%	50.6%	49.5	49.5	0.0	0.0%	50.6%	52.8	52.8	0.0	0.0%
51.9%	43.3	43.4	0.1	0.2%	51.9%	46.2	46.2	0.0	0.0%	51.9%	49.4	49.3	-0.1	-0.2%	51.9%	52.7	52.7	0.0	0.0%
53.1%	43.3	43.4	0.1	0.3%	53.1%	46.0	46.0	0.0	0.0%	53.1%	49.3	49.3	0.0	0.0%	53.1%	52.7	52.7	0.0	0.0%
54.3%	43.3	43.4	0.1	0.3%	54.3%	46.0	46.0	0.0	0.0%	54.3%	49.3	49.3	0.0	0.0%	54.3%	52.7	52.6	0.0	-0.1%
55.6%	43.3	43.4	0.1	0.3%	55.6%	46.0	46.0	0.0	0.0%	55.6%	49.3	49.3	0.0	0.0%	55.6%	52.5	52.6	0.1	0.1%
56.8%	43.2	43.4	0.1	0.3%	56.8%	46.0	46.0	0.0	0.0%	56.8%	49.2	49.2	0.0	0.0%	56.8%	52.5	52.5	0.1	0.1%
58.0%	43.2	43.3	0.1	0.3%	58.0%	45.9	45.8	-0.1	-0.3%	58.0%	49.1	49.1	0.0	0.0%	58.0%	52.5	52.5	0.1	0.1%
59.3%	43.2	43.3	0.1	0.2%	59.3%	45.9	45.7	-0.1	-0.2%	59.3%	49.1	49.1	0.0	0.0%	59.3%	52.4	52.5	0.0	0.1%
60.5%	43.1	43.2	0.1	0.2%	60.5%	45.7	45.7	0.0	0.0%	60.5%	49.1	49.1	0.0	0.0%	60.5%	52.3	52.5	0.1	0.3%
61.7%	43.1	43.2	0.0	0.1%	61.7%	45.7	45.7	0.0	-0.1%	61.7%	48.9	48.8	0.0	-0.1%	61.7%	52.3	52.5	0.1	0.3%
63.0%	43.1	43.1	0.0	0.0%	63.0%	45.6	45.6	0.0	0.0%	63.0%	48.8	48.8	0.0	0.0%	63.0%	52.2	52.3	0.1	0.1%
64.2%	43.1	43.1	0.0	0.0%	64.2%	45.6	45.6	0.0	-0.1%	64.2%	48.8	48.8	0.0	0.0%	64.2%	52.1	52.3	0.2	0.4%
65.4%	43.1	43.1 43.1	0.0	0.0%	65.4%	45.6	45.6	0.0	0.0%	65.4%	48.8	48.8 48.7	0.0	0.0%	65.4%	52.0	52.2	0.2	0.3%
66.7%	43.0	43.1 43.0	0.1	0.3%	66.7%	45.6	45.6 45.5	0.0	0.0%	66.7%	48.7	48.7 48.7	0.0	0.0%	66.7%	51.9 51.9	52.1 52.0	0.1	0.2%
67.9% 69.1%	42.9 42.9	43.0	0.0	0.1%	67.9%	45.5 45.5	45.5 45.5	0.0	0.0%	67.9% 69.1%	48.7 48.6	48.7	0.0	0.0%	67.9% 69.1%	51.9 51.9	52.0	0.1	0.2%
70.4%	42.9 42.8	42.9 42.9	0.1 0.1	0.2%	69.1% 70.4%	45.5 45.5	45.5 45.5	0.0	0.0%	70.4%	48.6 48.6	48.7	0.0	0.0%	70.4%	51.9 51.8	52.0 52.0	0.1	0.2%
70.4%	42.8	42.9	0.0	0.1%	70.4%	45.5 45.5	45.5	0.0	0.0%	70.4%	48.6	48.6	0.0	0.1%	70.4%	51.8	51.9	0.2	0.4%
71.6%	42.8 42.7	42.8 42.8	0.0	0.1%	71.6%	45.5 45.3	45.5 45.2	0.0	0.0%	71.6%	48.6 48.6	48.6 48.6	0.0	-0.1%	71.6%	51.8 51.7	51.9 51.9	0.1	0.2%
74.1%	42.7	42.8	0.0	0.1%	74.1%	45.3 45.2	45.2	0.0	0.0%	74.1%	48.5	48.5	0.0	0.0%	74.1%	51.7	51.7	0.0	0.2%
75.3%	42.7	42.7	0.0	0.1%	75.3%	45.2 45.2	45.2 45.2	0.0	-0.1%	75.3%	48.5	48.5	0.0	0.0%	75.3%	51.5	51.7	0.0	0.4%
76.5%	42.7	42.7	0.0	-0.1%	76.5%	45.2	45.2	0.0	0.0%	76.5%	48.5	48.5	0.0	0.0%	76.5%	51.3	51.6	0.2	0.5%
77.8%	42.7	42.7	0.0	0.0%	77.8%	45.1	45.1	0.0	0.0%	77.8%	48.4	48.3	0.0	0.0%	77.8%	51.3	51.5	0.3	0.2%
79.0%	42.6	42.7	0.0	-0.1%	79.0%	45.1	45.1	0.0	0.1%	79.0%	48.3	48.3	0.0	-0.1%	79.0%	51.2	51.4	0.1	0.5%
80.2%	42.6	42.6	0.0	0.0%	80.2%	45.1	45.1	0.0	0.0%	80.2%	48.3	48.3	0.0	-0.1%	80.2%	51.1	51.3	0.2	0.4%
81.5%	42.6	42.6	0.0	0.0%	81.5%	45.1	45.1	0.0	0.0%	81.5%	48.2	47.9	-0.3	-0.1%	81.5%	50.7	51.2	0.5	0.9%
82.7%	42.4	42.4	0.0	0.1%	82.7%	45.1	45.1	0.0	0.0%	82.7%	48.0	47.8	-0.2	-0.4%	82.7%	50.7	51.0	0.3	0.7%
84.0%	42.4	42.4	0.0	0.0%	84.0%	44.9	44.9	0.0	0.0%	84.0%	47.9	47.8	-0.2	-0.2%	84.0%	50.4	50.8	0.4	0.7%
85.2%	42.3	42.4	0.1	0.1%	85.2%	44.9	44.9	0.0	0.0%	85.2%	47.8	47.8	-0.1	-0.1%	85.2%	50.4	50.8	0.4	0.7%
86.4%	42.3	42.3	0.0	0.0%	86.4%	44.9	44.9	0.0	0.0%	86.4%	47.8	47.7	-0.1	-0.2%	86.4%	50.3	50.4	0.2	0.3%
87.7%	42.3	42.3	0.0	0.0%	87.7%	44.7	44.6	-0.1	-0.2%	87.7%	47.3	47.3	0.0	0.0%	87.7%	50.2	50.3	0.0	0.1%
88.9%	42.2	42.2	0.0	0.0%	88.9%	44.6	44.6	0.0	-0.1%	88.9%	47.3	47.3	0.0	0.0%	88.9%	50.2	50.2	0.0	0.0%
90.1%	42.1	42.1	0.0	0.0%	90.1%	44.6	44.5	-0.1	-0.1%	90.1%	47.2	47.2	0.0	0.0%	90.1%	50.0	50.1	0.1	0.2%
91.4%	42.1	42.1	0.0	0.1%	91.4%	44.5	44.5	0.0	-0.1%	91.4%	47.2	47.1	-0.1	-0.1%	91.4%	49.9	49.9	0.0	0.0%
92.6%	42.0	42.1	0.1	0.2%	92.6%	44.5	44.5	0.0	-0.1%	92.6%	47.1	47.0	-0.1	-0.2%	92.6%	49.6	49.7	0.2	0.3%
93.8%	41.8	41.8	0.0	0.0%	93.8%	44.5	44.5	0.0	-0.1%	93.8%	47.0	47.0	0.0	0.0%	93.8%	49.5	49.6	0.1	0.2%
95.1%	41.7	41.7	0.0	0.1%	95.1%	44.3	44.5	0.1	0.3%	95.1%	46.8	46.8	0.0	0.0%	95.1%	49.0	49.0	0.0	0.0%
96.3%	41.7	41.7	0.0	0.0%	96.3%	44.3	44.3	0.1	0.2%	96.3%	45.9	46.0	0.1	0.3%	96.3%	48.9	48.9	0.1	0.2%
97.5%	41.4	41.4	0.0	0.0%	97.5%	44.2	44.2	0.0	0.0%	97.5%	45.9	45.9	0.0	0.0%	97.5%	47.6	47.5	0.0	0.0%
98.8%	41.2	41.3	0.1	0.3%	98.8%	44.2	44.2	0.0	0.0%	98.8%	45.7	45.7	0.0	0.0%	98.8%	47.5	47.5	0.0	0.1%
100.0%	41.2	41.2	0.0	0.1%	100.0%	44.0	44.0	0.0	0.0%	100.0%	44.9	44.9	0.0	0.0%	100.0%	47.3	47.3	0.0	0.0%

Table SQ-37-5b
Clear Creek at Igo, Monthly Temperature
Probability of Exceedance

August

Percent	No Action Alternative	Alternative B	Absolute		Percent	No Action Alternative	Alternative B	Absolute		Percent	No Action Alternative	Alternative B	Absolute	B.1.:	Percent	No Action Alternative	Alternative B	Absolute	
Exceedance Probability	Monthly Temperature		Difference	Relative Difference (%)	Exceedance Probability	Monthly Temperature	Monthly Temperature	Difference	Relative Difference (%)	Exceedance Probability	Monthly Temperature		Difference	Relative Difference (%)	Exceedance Probability			Difference	Relative Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (x)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (70)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (70)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (70)
0.0%	59.8	59.8	0.0	-0.1%	0.0%	73.8	73.3	-0.5	-0.7%	0.0%	65.0	65.2	0.2	0.3%	0.0%	64.2	65.1	0.9	1.4%
1.2%	59.8	59.5	-0.3	-0.5%	1.2%	64.9	64.5	-0.4	-0.6%	1.2%	62.4	61.8	-0.6	-1.0%	1.2%	61.7	61.1	-0.7	-1.1%
2.5%	59.7	59.3	-0.4	-0.6%	2.5%	64.2	64.2	-0.1	-0.1%	2.5%	62.1	61.1	-1.1	-1.7%	2.5%	60.0	60.4	0.4	0.6%
3.7%	59.7	59.3	-0.4	-0.7%	3.7%	63.7	62.2	-1.5	-2.3%	3.7%	62.0	61.0	-1.1	-1.7%	3.7%	59.6	58.2	-1.4	-2.3%
4.9% 6.2%	59.6 59.2	59.2 59.2	-0.4 0.0	-0.7% 0.0%	4.9% 6.2%	63.0 61.9	61.4 61.3	-1.6 -0.6	-2.5% -1.0%	4.9% 6.2%	61.0 60.8	60.5 60.4	-0.5 -0.4	-0.8% -0.7%	4.9% 6.2%	59.1 58.6	58.1 57.0	-1.0 -1.6	-1.7% -2.7%
7.4%	59.1	59.1	0.0	0.0%	7.4%	61.9	61.2	-0.0	-1.2%	7.4%	60.6	60.1	-0.4	-0.9%	7.4%	58.3	57.0	-1.3	-2.2%
8.6%	59.0	59.0	0.0	-0.1%	8.6%	61.6	61.0	-0.7	-1.1%	8.6%	59.5	59.6	0.1	0.1%	8.6%	58.1	56.7	-1.4	-2.5%
9.9%	58.9	59.0	0.0	0.0%	9.9%	61.3	60.3	-1.0	-1.6%	9.9%	59.4	59.6	0.2	0.3%	9.9%	57.9	56.6	-1.4	-2.3%
11.1%	58.7	58.8	0.1	0.1%	11.1%	61.3	60.2	-1.1	-1.7%	11.1%	59.4	59.2	-0.2	-0.3%	11.1%	57.7	56.5	-1.2	-2.1%
12.3%	58.5	58.5	0.0	0.0%	12.3%	61.0	60.2	-0.8	-1.3%	12.3%	59.2	59.2	-0.1	-0.1%	12.3%	57.7	56.4	-1.3	-2.2%
13.6% 14.8%	58.4 58.2	58.3 58.1	-0.1 -0.1	-0.2% -0.1%	13.6% 14.8%	60.3 60.3	60.0 60.0	-0.3 -0.3	-0.4% -0.5%	13.6% 14.8%	59.1 59.0	59.1 58.9	-0.1 -0.2	-0.1% -0.3%	13.6% 14.8%	56.7 56.5	56.4 56.3	-0.3 -0.1	-0.6% -0.3%
16.0%	58.1	58.1	0.0	0.0%	16.0%	60.2	59.8	-0.4	-0.6%	16.0%	58.9	58.8	-0.2	-0.3%	16.0%	56.1	55.5	-0.7	-1.2%
17.3%	57.7	57.8	0.0	0.2%	17.3%	59.8	59.6	-0.2	-0.3%	17.3%	58.9	58.7	-0.2	-0.2%	17.3%	55.8	55.5	-0.7	-0.6%
18.5%	57.7	57.7	0.0	0.1%	18.5%	59.7	59.6	-0.1	-0.2%	18.5%	58.8	58.7	-0.2	-0.3%	18.5%	55.5	54.7	-0.8	-1.4%
19.8%	57.7	57.7	0.0	0.1%	19.8%	59.6	59.5	-0.1	-0.2%	19.8%	58.8	58.6	-0.3	-0.4%	19.8%	55.3	54.6	-0.6	-1.1%
21.0%	57.5	57.6	0.2	0.3%	21.0%	59.6	59.4	-0.1	-0.2%	21.0%	58.4	58.5	0.1	0.2%	21.0%	54.9	54.6	-0.3	-0.5%
22.2% 23.5%	57.4 57.0	57.5 57.4	0.1 0.4	0.2%	22.2%	59.5	59.4 59.3	-0.1 -0.1	-0.1%	22.2% 23.5%	58.4 58.3	58.4 58.3	0.0	0.0%	22.2%	54.8 54.8	54.6 54.6	-0.2 -0.2	-0.3%
23.5%	57.0 56.9	57.4	0.4	0.7% -0.1%	23.5% 24.7%	59.4 59.4	59.3	-0.1	-0.1% -0.2%	23.5%	58.3 58.2	58.3	0.0	-0.1% 0.2%	23.5% 24.7%	54.8 54.7	54.6	-0.2	-0.3% -0.3%
25.9%	56.9	56.8	0.0	-0.1%	25.9%	59.4	59.2	0.0	0.0%	25.9%	58.0	58.1	0.1	0.1%	25.9%	54.7 54.6	54.6	-0.2	-0.1%
27.2%	56.8	56.7	0.0	-0.1%	27.2%	59.2	59.2	0.0	0.0%	27.2%	58.0	58.0	0.0	0.0%	27.2%	54.6	54.4	-0.2	-0.4%
28.4%	56.6	56.7	0.1	0.1%	28.4%	59.1	59.1	0.0	0.0%	28.4%	57.9	57.9	0.0	0.0%	28.4%	54.4	54.3	-0.2	-0.3%
29.6%	56.6	56.6	0.0	0.1%	29.6%	59.1	59.1	0.0	0.0%	29.6%	57.9	57.8	0.0	-0.1%	29.6%	54.3	54.2	-0.1	-0.3%
30.9%	56.6	56.6	0.0	0.0%	30.9%	59.1	59.0	-0.1	-0.1%	30.9%	57.9	57.8	0.0	-0.1%	30.9%	54.0	54.1	0.0	0.1%
32.1% 33.3%	56.1 56.1	56.5 56.2	0.3 0.1	0.6%	32.1% 33.3%	59.0 59.0	59.0 58.8	0.0 -0.1	0.0%	32.1% 33.3%	57.7 57.5	57.8 57.6	0.1 0.1	0.2%	32.1% 33.3%	53.9 53.9	54.0 53.9	0.0	0.1% -0.1%
33.3%	56.1 55.9	56.2 55.9	0.1	0.1%	33.3%	59.0 58.8	58.8 58.8	-0.1	-0.2%	33.3%	57.5 57.4	57.5 57.5	0.1	0.1%	33.3%	53.9 53.6	53.9	0.0	-0.1% 0.1%
35.8%	55.7	55.9	0.2	0.3%	35.8%	58.7	58.8	0.1	0.1%	35.8%	57.4	57.4	0.0	0.0%	35.8%	53.6	53.7	0.1	0.1%
37.0%	55.7	55.9	0.2	0.4%	37.0%	58.7	58.8	0.0	0.1%	37.0%	57.4	57.2	-0.1	-0.2%	37.0%	53.6	53.6	0.0	0.0%
38.3%	55.6	55.7	0.1	0.2%	38.3%	58.6	58.7	0.1	0.2%	38.3%	57.2	57.2	0.0	0.0%	38.3%	53.5	53.4	-0.1	-0.2%
39.5%	55.6	55.7	0.1	0.1%	39.5%	58.5	58.7	0.2	0.4%	39.5%	57.2	57.2	0.0	0.0%	39.5%	53.5	53.2	-0.3	-0.5%
40.7% 42.0%	55.6 55.5	55.7 55.5	0.1	0.1%	40.7% 42.0%	58.4 58.4	58.5 58.5	0.1 0.1	0.2%	40.7% 42.0%	57.1 57.1	57.1 57.0	0.0 -0.1	0.0%	40.7% 42.0%	53.3 53.3	53.2 53.2	-0.1 -0.2	-0.2% -0.3%
43.2%	55.4	55.5	0.0	0.0%	43.2%	58.4	58.5	0.1	0.2%	43.2%	57.1	56.8	-0.1	-0.2%	43.2%	53.3	53.2	-0.2	-0.4%
44.4%	55.4	55.4	0.0	0.1%	44.4%	58.4	58.4	0.0	0.0%	44.4%	57.1	56.8	-0.2	-0.4%	44.4%	53.2	53.1	-0.2	-0.3%
45.7%	55.3	55.4	0.1	0.2%	45.7%	58.3	58.3	0.0	-0.1%	45.7%	57.0	56.7	-0.3	-0.5%	45.7%	53.2	53.1	-0.2	-0.3%
46.9%	55.2	55.3	0.1	0.2%	46.9%	58.2	58.2	0.0	0.0%	46.9%	56.7	56.7	-0.1	-0.1%	46.9%	53.2	53.1	-0.2	-0.3%
48.1%	55.2	55.2	0.0	0.1%	48.1%	58.2	58.1	0.0	-0.1%	48.1%	56.6	56.7	0.0	0.1%	48.1%	53.0	53.0	0.0	0.0%
49.4%	55.1	55.2	0.1	0.2%	49.4%	58.1	58.1	0.0	0.0%	49.4%	56.6	56.6	0.0	0.0%	49.4%	53.0	53.0	-0.1	-0.1%
50.6%	55.1	55.2	0.0	0.1%	50.6%	58.1	58.0	-0.1	-0.1%	50.6%	56.6	56.5	-0.1	-0.2%	50.6%	53.0	52.9	0.0	-0.1%
51.9% 53.1%	55.1 54.9	55.2 55.1	0.1 0.2	0.2%	51.9% 53.1%	58.0 57.9	58.0 58.0	0.0	0.0%	51.9% 53.1%	56.5 56.4	56.4 56.4	-0.1 0.0	-0.1% -0.1%	51.9% 53.1%	52.8 52.8	52.9 52.8	0.1	0.1% -0.1%
54.3%	54.8	54.8	0.0	0.0%	54.3%	57.8	57.9	0.0	0.3%	54.3%	56.4	56.3	-0.1	-0.1%	54.3%	52.8	52.8	0.0	-0.1%
55.6%	54.8	54.8	0.0	0.0%	55.6%	57.7	57.8	0.0	0.1%	55.6%	56.4	56.3	0.0	-0.1%	55.6%	52.7	52.7	0.0	-0.1%
56.8%	54.8	54.7	0.0	-0.1%	56.8%	57.4	57.8	0.4	0.6%	56.8%	56.3	56.3	0.0	0.0%	56.8%	52.7	52.7	-0.1	-0.1%
58.0%	54.7	54.6	0.0	-0.1%	58.0%	57.4	57.7	0.4	0.6%	58.0%	56.3	56.3	0.0	0.0%	58.0%	52.7	52.6	-0.1	-0.3%
59.3% 60.5%	54.6	54.6	0.0	0.0%	59.3% 60.5%	57.2	57.6	0.3	0.5%	59.3%	56.2	56.3	0.1	0.1%	59.3% 60.5%	52.7 52.7	52.6 52.5	-0.1	-0.3%
61.7%	54.6 54.2	54.5 54.2	-0.1 0.0	-0.2% 0.1%	61.7%	57.2 57.2	57.4 57.3	0.2	0.3%	60.5% 61.7%	56.2 56.2	56.2 56.2	0.0	0.0%	61.7%	52.7 52.6	52.5	-0.1 -0.1	-0.3% -0.2%
63.0%	54.2	54.2	0.0	0.0%	63.0%	57.2	57.3	0.1	0.2%	63.0%	56.1	56.2	0.1	0.1%	63.0%	52.6	52.5	-0.1	-0.1%
64.2%	54.2	54.2	0.0	-0.1%	64.2%	57.0	57.1	0.2	0.3%	64.2%	56.1	56.1	0.1	0.2%	64.2%	52.5	52.5	-0.1	-0.1%
65.4%	54.2	54.1	0.0	-0.1%	65.4%	56.9	57.1	0.3	0.4%	65.4%	56.0	56.1	0.1	0.2%	65.4%	52.5	52.4	-0.1	-0.2%
66.7%	54.0	54.1	0.0	0.1%	66.7%	56.8	57.0	0.2	0.3%	66.7%	56.0	56.1	0.1	0.1%	66.7%	52.5	52.4	-0.1	-0.2%
67.9% 69.1%	54.0 53.9	54.1 53.9	0.1	0.1%	67.9% 69.1%	56.8 56.8	56.9 56.9	0.1	0.2% 0.1%	67.9% 69.1%	56.0 56.0	56.1 56.0	0.1 0.1	0.1% 0.1%	67.9% 69.1%	52.4 52.4	52.4 52.3	0.0 -0.1	-0.1% -0.2%
70.4%	53.9	53.9	0.0	0.1%	70.4%	56.7	56.9 56.9	0.1	0.1%	70.4%	55.9	56.0 56.0	0.1	0.1%	70.4%	52.4 52.3	52.3 52.3	-0.1	-0.2%
71.6%	53.8	53.9	0.1	0.2%	71.6%	56.7	56.8	0.1	0.2%	71.6%	55.9	55.9	0.0	0.1%	71.6%	52.3	52.3	0.0	0.0%
72.8%	53.6	53.9	0.2	0.5%	72.8%	56.7	56.8	0.1	0.1%	72.8%	55.7	55.9	0.2	0.4%	72.8%	52.2	52.2	0.0	0.0%
74.1%	53.4	53.9	0.5	0.9%	74.1%	56.7	56.8	0.1	0.1%	74.1%	55.7	55.9	0.2	0.4%	74.1%	52.2	52.2	0.0	0.0%
75.3%	53.4	53.8	0.4	0.8%	75.3%	56.6	56.8	0.1	0.2%	75.3%	55.6	55.9	0.3	0.5%	75.3%	52.2	52.2	0.0	0.1%
76.5% 77.8%	53.3 53.3	53.7 53.6	0.5 0.4	0.9%	76.5% 77.8%	56.6 56.5	56.7 56.7	0.1 0.1	0.1% 0.2%	76.5% 77.8%	55.5 55.2	55.7 55.6	0.2	0.3%	76.5% 77.8%	52.1 52.1	52.2 52.1	0.0	0.0% -0.1%
77.8%	53.3	53.4	0.4	0.7%	77.6%	56.4	56.5	0.1	0.2%	77.6%	55.1	55.5	0.4	0.7%	77.6%	52.1	52.1	0.0	0.1%
80.2%	53.0	53.3	0.2	0.4%	80.2%	56.3	56.4	0.1	0.2%	80.2%	55.0	55.4	0.5	0.8%	80.2%	52.0	52.0	0.0	0.0%
81.5%	52.8	53.2	0.4	0.7%	81.5%	56.3	56.3	0.1	0.1%	81.5%	54.9	55.4	0.5	0.9%	81.5%	52.0	52.0	0.0	-0.1%
82.7%	52.8	52.8	0.0	0.0%	82.7%	56.1	56.1	0.0	0.0%	82.7%	54.9	55.3	0.4	0.7%	82.7%	51.9	51.9	0.0	0.0%
84.0%	52.6	52.6	0.0	0.0%	84.0%	56.1	56.1	0.0	0.0%	84.0%	54.9	55.3	0.3	0.6%	84.0%	51.9	51.9	0.0	0.0%
85.2% 86.4%	52.4 52.4	52.6 52.4	0.2	0.4%	85.2% 86.4%	56.1 56.0	56.1 56.0	0.0	-0.1% 0.0%	85.2% 86.4%	54.9 54.8	55.2 55.2	0.3 0.5	0.6%	85.2% 86.4%	51.9 51.9	51.8 51.8	0.0 -0.1	-0.1% -0.1%
86.4% 87.7%	52.4 52.2	52.4 52.4	0.0	0.0%	86.4% 87.7%	56.0 55.6	56.0 55.6	0.0	0.0%	86.4% 87.7%	54.8 54.7	55.2 55.1	0.5	0.9%	86.4% 87.7%	51.9 51.7	51.8 51.6	-0.1 0.0	-0.1% 0.0%
88.9%	52.1	52.2	0.2	0.1%	88.9%	55.6	55.6	0.0	0.0%	88.9%	54.7	55.0	0.4	0.6%	88.9%	51.6	51.5	0.0	0.0%
90.1%	52.0	52.1	0.1	0.2%	90.1%	55.4	55.6	0.2	0.3%	90.1%	54.6	55.0	0.4	0.6%	90.1%	51.6	51.5	-0.1	-0.1%
91.4%	51.7	52.0	0.3	0.5%	91.4%	55.1	55.2	0.1	0.2%	91.4%	54.6	55.0	0.4	0.7%	91.4%	51.6	51.4	-0.1	-0.2%
92.6%	51.6	51.7	0.1	0.2%	92.6%	55.1	55.1	0.0	0.1%	92.6%	54.5	54.7	0.2	0.4%	92.6%	51.4	51.4	-0.1	-0.1%
93.8%	51.4	51.4	0.0	0.0%	93.8%	54.9	54.9	0.0	0.0%	93.8%	54.5	54.6	0.1	0.2%	93.8%	51.4	51.3	-0.1	-0.1%
95.1% 96.3%	51.0 51.0	51.0 51.0	0.0	-0.1%	95.1% 96.3%	54.9 54.4	54.9 54.6	0.0 0.2	0.0%	95.1% 96.3%	54.5 54.3	54.5 54.4	0.1 0.1	0.1%	95.1% 96.3%	51.1 50.9	51.3 51.0	0.2	0.4%
97.5%	51.0 51.0	51.0	0.0	-0.1%	96.3%	53.9	54.b 53.9	0.2	0.4%	96.3% 97.5%	54.3 54.3	54.4 54.3	0.1	0.2%	96.3%	50.9 50.9	51.0 50.9	0.1	0.3%
98.8%	49.2	49.2	0.0	0.0%	98.8%	53.7	53.8	0.0	0.0%	98.8%	53.5	53.6	0.1	0.2%	98.8%	50.7	50.7	0.0	0.0%
100.0%	48.8	48.9	0.0	0.1%	100.0%	52.5	52.5	0.0	0.0%	100.0%	53.3	53.5	0.2	0.3%	100.0%	50.6	50.6	0.0	0.0%
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Table SQ-38-5a Clear Creek at Mouth, Monthly Temperature Long-term Average and Average by Water Year Type

					Mon	thly Temp	erature (DE	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Mav	Jun	Jul	Aua	Sep
.,				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	53.5	49.1	43.9	42.6	44.3	47.5	51.3	54.8	59.1	65.6	63.4	57.1
Alternative B	53.3	49.1	43.9	42.6	44.3	47.5	51.2	54.9	59.1	65.5	63.4	57.0
Difference	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	-0.2
Percent Difference ³	-0.4%	0.0%	0.0%	0.0%	0.1%	-0.1%	-0.1%	0.1%	0.1%	-0.1%	0.1%	-0.39
				Water Y	ear Types	2						
Vet (32%)												
No Action Alternative	51.5	48.0	43.3	42.2	44.1	46.8	49.9	54.2	58.0	65.4	63.7	56.1
Alternative B	51.6	48.1	43.3	42.1	44.1	46.7	49.8	54.2	58.0	65.2	63.6	56.1
Difference	0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	-0.2	-0.1	0.0
Percent Difference	0.1%	0.1%	0.0%	-0.1%	0.0%	-0.1%	-0.1%	0.1%	0.1%	-0.3%	-0.1%	0.09
Above Normal (15%)												
No Action Alternative	52.7	48.6	44.0	42.9	44.3	47.3	50.8	55.4	60.3	67.9	64.0	56.7
Alternative B	52.5	48.6	44.0	42.9	44.4	47.3	50.9	55.3	60.2	67.8	64.0	56.6
Difference	-0.3	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	-0.1	-0.1	0.0	-0.1
Percent Difference	-0.5%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	-0.2%	-0.1%	-0.1%	0.0%	-0.29
Below Normal (17%)												
No Action Alternative	54.0	49.3	43.9	42.5	43.8	47.3	51.4	55.4	58.6	65.6	63.5	57.2
Alternative B	53.8	49.3	43.9	42.5	43.8	47.3	51.4	55.5	58.9	65.7	63.6	57.3
Difference	-0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.1	0.1	0.1
Percent Difference	-0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.5%	0.1%	0.2%	0.2%
Dry (22%)												
No Action Alternative	53.5	49.7	44.2	42.6	44.2	47.9	52.6	54.8	59.1	64.9	62.4	56.8
Alternative B	53.4	49.7	44.2	42.7	44.3	47.9	52.4	54.8	59.1	64.8	62.5	56.7
Difference	-0.1	0.0	0.0	0.1	0.1	-0.1	-0.2	0.1	0.1	-0.1	0.1	-0.1
Percent Difference	-0.3%	-0.1%	0.1%	0.1%	0.2%	-0.1%	-0.3%	0.1%	0.1%	-0.1%	0.1%	-0.29
Critical (15%)	•		•			•		•	•		•	
No Action Alternative	58.2	50.5	44.6	43.1	45.4	48.9	52.7	55.0	61.0	64.5	63.4	60.3
Alternative B	57.2	50.4	44.5	43.1	45.4	48.9	52.7	55.2	60.9	64.7	63.7	59.5
Difference	-1.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.2	-0.1	0.2	0.4	-0.8
Percent Difference	-1.8%	-0.3%	0.0%	0.1%	0.1%	0.0%	0.0%	0.3%	-0.1%	0.3%	0.6%	-1.39

1 Based on the 82-year simulation period

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

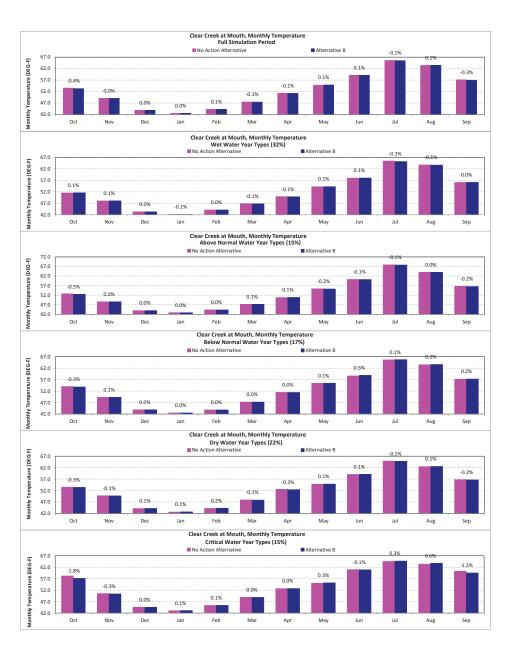


Figure SQ-38-5b Clear Creek at Mouth, Monthly Temperature Probability of Exceedance

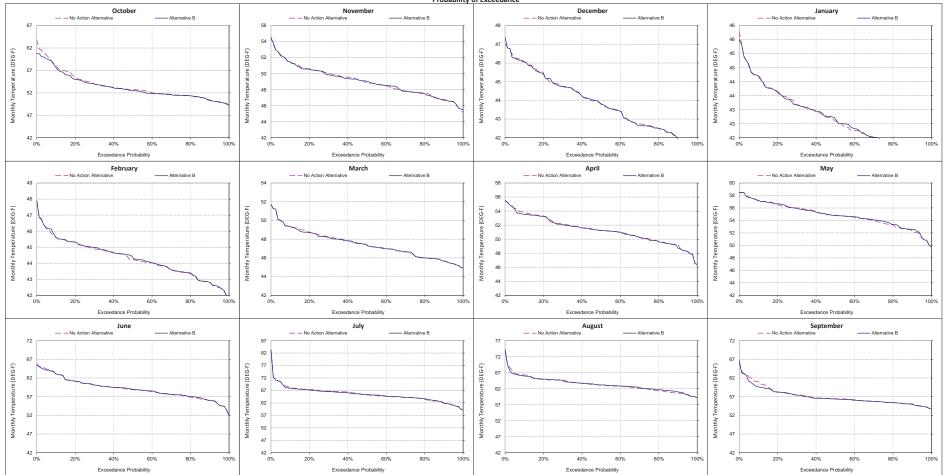


Table SQ-38-5b
Clear Creek at Mouth, Monthly Temperature
Probability of Exceedance

December

January

November

October

Percent		411 P			Percent		40 0 0			Percent					Percent				
Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative
Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability		Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	63.8	60.8	-3.0	-4.8%	0.0%	54.6	54.4	-0.2	-0.3%	0.0%	47.0	47.4	0.3	0.7%	0.0%	45.8	45.5	-0.3	-0.6%
1.2%	61.8	60.7	-1.0	-1.7%	1.2%	53.6	53.8	0.3	0.5%	1.2%	46.8	46.8	0.0	-0.1%	1.2%	45.3	45.3	0.0	0.0%
2.5%	61.5	60.1	-1.5	-2.4%	2.5%	53.0	53.0	0.0	-0.1%	2.5%	46.7	46.8	0.1	0.2%	2.5%	44.9	44.9	0.0	-0.1%
3.7%	61.1	60.0	-1.1	-1.8%	3.7%	52.7	52.8	0.0	0.1%	3.7%	46.5	46.3	-0.2	-0.4%	3.7%	44.7	44.7	0.0	0.0%
4.9%	60.4	59.7	-0.8	-1.3%	4.9%	52.4	52.2	-0.1	-0.3%	4.9%	46.3	46.3	0.0	-0.1%	4.9%	44.6	44.6	0.1	0.2%
6.2%	59.9	59.4	-0.6	-0.9%	6.2%	52.2	52.1	-0.1	-0.2%	6.2%	46.3	46.2	-0.1	-0.1%	6.2%	44.4	44.3	0.0	0.0%
7.4%	59.2	59.2	0.0	-0.1%	7.4%	51.9	52.0	0.0	0.0%	7.4%	46.2	46.1	-0.1	-0.2%	7.4%	44.3	44.3	0.0	0.0%
8.6%	58.7	58.5	-0.2	-0.3%	8.6%	51.5	51.6	0.1	0.1%	8.6%	46.1	46.1	0.1	0.1%	8.6%	44.2	44.2	0.0	0.0%
9.9%	58.1	57.7	-0.5	-0.8%	9.9%	51.4	51.5	0.0	0.1%	9.9%	46.1	46.1	0.0	0.1%	9.9%	44.2	44.2	0.0	0.0%
11.1% 12.3%	57.4 57.1	57.0 56.7	-0.4 -0.3	-0.6% -0.6%	11.1% 12.3%	51.3 51.2	51.3 51.2	0.0	0.0%	11.1% 12.3%	46.0 45.9	46.0 45.9	0.0	0.0%	11.1% 12.3%	44.1 44.0	44.1 44.0	-0.1 0.0	-0.2% -0.1%
13.6%	57.0	56.6	-0.4 -0.8	-0.7%	13.6%	51.2	50.9	-0.3	-0.5%	13.6%	45.9	45.8	0.0	-0.1%	13.6%	43.8	43.8	0.0	0.0%
14.8%	56.9	56.0	-0.8	-1.5%	14.8%	50.9	50.8	-0.1	-0.2%	14.8% 16.0%	45.7	45.7	-0.1 0.1	-0.1%	14.8%	43.8 43.8	43.8	0.0	0.0%
16.0% 17.3%	56.8 56.6	56.0 55.9	-0.8	-1.4% -1.1%	16.0% 17.3%	50.8 50.7	50.6 50.6	-0.2 -0.1	-0.3% -0.2%	17.3%	45.6 45.5	45.7 45.5	0.1	0.2%	16.0% 17.3%	43.8	43.8 43.7	0.0	0.0%
18.5%	56.1	55.3	-0.8	-1.4%	18.5%	50.7	50.6	-0.1	-0.1%	18.5%	45.5 45.5	45.5 45.5	-0.1	-0.1%	18.5%	43.7	43.7	0.0	0.0%
19.8%	55.5	55.0	-0.8	-0.9%	19.8%	50.6	50.6	0.0	-0.1%	19.8%	45.5 45.5	45.5 45.4	-0.1	-0.1%	19.8%	43.7	43.6	0.0	-0.1%
21.0%	55.1	54.9	-0.2	-0.4%	21.0%	50.6	50.5	-0.1	-0.1%	21.0%	45.2	45.2	0.0	0.0%	21.0%	43.6	43.5	0.0	-0.1%
22.2%	55.0	54.8	-0.2	-0.4%	22.2%	50.4	50.4	0.0	0.0%	22.2%	45.1	45.2	0.0	0.1%	22.2%	43.5	43.5	0.0	0.1%
23.5%	54.9	54.7	-0.2	-0.3%	23.5%	50.4	50.4	0.0	-0.1%	23.5%	45.0	45.2	0.2	0.5%	23.5%	43.5	43.4	-0.1	-0.1%
24.7%	54.7	54.4	-0.2	-0.6%	24.7%	50.3	50.4	0.0	0.0%	24.7%	44.9	45.0	0.0	0.1%	24.7%	43.5	43.4	-0.1	-0.2%
25.9%	54.7	54.3	-0.3	-0.5%	25.9%	50.3	50.3	0.0	-0.1%	25.9%	44.9	44.9	0.0	0.0%	25.9%	43.4	43.4	0.0	0.0%
27.2%	54.5	54.1	-0.3	-0.5%	27.2%	50.1	50.3	0.0	0.3%	27.2%	44.8	44.9	0.0	0.0%	27.2%	43.4	43.3	-0.1	-0.2%
28.4%	54.4	54.1	-0.2	-0.5%	28.4%	50.1	49.9	-0.2	-0.3%	28.4%	44.8	44.8	0.0	-0.1%	28.4%	43.4	43.2	-0.1	-0.3%
29.6%	54.0	54.0	0.0	0.0%	29.6%	50.1	49.9	-0.2	-0.4%	29.6%	44.8	44.7	0.0	0.0%	29.6%	43.2	43.2	0.0	0.0%
30.9%	53.9	53.8	0.0	-0.1%	30.9%	50.0	49.8	-0.2	-0.3%	30.9%	44.7	44.7	0.0	0.1%	30.9%	43.1	43.2	0.0	0.0%
32.1%	53.8	53.8	0.0	0.1%	32.1%	49.9	49.7	-0.2	-0.4%	32.1%	44.7	44.7	0.0	0.0%	32.1%	43.1	43.1	0.0	0.0%
33.3%	53.7	53.7	0.1	0.1%	33.3%	49.9	49.7	-0.2	-0.3%	33.3%	44.7	44.7	0.0	0.0%	33.3%	43.1	43.1	0.0	0.0%
34.6%	53.5	53.6	0.1	0.2%	34.6%	49.8	49.7	-0.1	-0.3%	34.6%	44.7	44.7	0.0	0.0%	34.6%	43.1	43.1	0.0	0.0%
35.8%	53.5	53.5	0.1	0.2%	35.8%	49.7	49.6	-0.1	-0.2%	35.8%	44.5	44.5	0.0	0.1%	35.8%	43.0	43.1	0.1	0.2%
37.0%	53.4	53.4	0.0	-0.1%	37.0%	49.6	49.6	0.0	-0.1%	37.0%	44.4	44.5	0.0	0.1%	37.0%	43.0	43.0	0.0	0.0%
38.3%	53.3	53.3	0.0	0.0%	38.3%	49.6	49.4	-0.2	-0.3%	38.3%	44.4	44.4	0.0	0.1%	38.3%	43.0	43.0	0.0	0.0%
39.5%	53.3	53.2	-0.1	-0.2%	39.5%	49.6	49.4	-0.2	-0.3%	39.5%	44.3	44.3	0.0	0.0%	39.5%	43.0	42.9	0.0	-0.1%
40.7%	53.2	53.0	-0.1	-0.3%	40.7%	49.6	49.4	-0.2	-0.4%	40.7%	44.2	44.2	0.0	0.0%	40.7%	42.9	42.9	0.0	0.0%
42.0%	53.1	53.0	-0.1	-0.2%	42.0%	49.5	49.3	-0.2	-0.3%	42.0%	44.2	44.1	0.0	-0.1%	42.0%	42.9	42.9	0.1	0.1%
43.2%	53.0	53.0	0.0	-0.1%	43.2%	49.4	49.3	-0.1	-0.2%	43.2%	44.1	44.1	0.0	0.1%	43.2%	42.8	42.9	0.0	0.1%
44.4%	53.0	52.9	0.0	0.0%	44.4%	49.4	49.3	0.0	-0.1%	44.4%	44.0	44.1	0.1	0.2%	44.4%	42.8	42.8	0.0	0.0%
45.7%	52.9	52.8	-0.1	-0.2%	45.7%	49.2	49.2	0.0	0.1%	45.7%	44.0	44.0	0.1	0.1%	45.7%	42.7	42.8	0.0	0.1%
46.9%	52.8	52.8	-0.1	-0.1%	46.9%	49.1	49.1	0.0	0.0%	46.9%	44.0	44.0	0.0	0.1%	46.9%	42.7	42.8	0.0	0.1%
48.1%	52.8	52.6	-0.2	-0.4%	48.1%	49.1	49.1	0.0	0.0%	48.1%	43.9	44.0	0.1	0.1%	48.1%	42.7	42.7	0.1	0.1%
49.4%	52.8	52.5	-0.2	-0.5%	49.4%	48.9	49.1	0.2	0.4%	49.4%	43.9	43.9	0.0	0.0%	49.4%	42.6	42.7	0.1	0.2%
50.6%	52.7	52.5	-0.2	-0.5%	50.6%	48.8	49.0	0.2	0.4%	50.6%	43.7	43.8	0.1	0.1%	50.6%	42.6	42.6	0.0	0.1%
51.9%	52.7	52.5	-0.2	-0.4%	51.9%	48.8	48.9	0.1	0.1%	51.9%	43.7	43.7	0.1	0.2%	51.9%	42.5	42.5	0.0	0.0%
53.1%	52.6	52.4	-0.2	-0.4%	53.1%	48.8	48.8	0.0	0.0%	53.1%	43.6	43.6	0.0	0.0%	53.1%	42.5	42.5	0.0	0.0%
54.3%	52.6	52.2	-0.3	-0.7%	54.3%	48.7	48.7	0.0	0.0%	54.3%	43.6	43.6	0.0	0.0%	54.3%	42.4	42.5	0.1	0.2%
55.6%	52.6	52.2	-0.4	-0.8%	55.6%	48.6	48.6	0.0	-0.1%	55.6%	43.6	43.5	0.0	-0.1%	55.6%	42.4	42.5	0.1	0.2%
56.8%	52.4	52.0	-0.4	-0.8%	56.8%	48.6	48.6	0.0	0.0%	56.8%	43.5	43.5	0.0	-0.1%	56.8%	42.4	42.5	0.1	0.3%
58.0%	52.3	51.9	-0.4	-0.8%	58.0%	48.6	48.6	0.0	-0.1%	58.0%	43.5	43.5	0.0	-0.1%	58.0%	42.3	42.4	0.1	0.3%
59.3%	52.2	51.9	-0.3	-0.5%	59.3%	48.5	48.5	0.0	0.1%	59.3%	43.4	43.4	0.0	0.0%	59.3%	42.3	42.3	0.1	0.2%
60.5%	51.9	51.8	-0.1	-0.2%	60.5%	48.4	48.5	0.1	0.2%	60.5%	43.4	43.4	0.0	0.0%	60.5%	42.3	42.3	0.1	0.1%
61.7%	51.9	51.8	-0.1	-0.2%	61.7%	48.4	48.5	0.1	0.3%	61.7%	43.0	43.1	0.0	0.0%	61.7%	42.3	42.3	0.0	0.1%
63.0%	51.8	51.8	0.0	-0.1%	63.0%	48.1	48.5	0.3	0.7%	63.0%	43.0	43.0	0.0	0.0%	63.0%	42.2	42.2	0.0	0.0%
64.2%	51.8	51.8	-0.1	-0.1%	64.2%	48.1	48.4	0.3	0.7%	64.2%	42.9	42.9	0.0	0.1%	64.2%	42.2	42.2	0.0	-0.1%
65.4%	51.8	51.7	-0.1	-0.1%	65.4%	48.1 47.9	48.3 48.1	0.3	0.5%	65.4%	42.9	42.9 42.8	0.0	0.0%	65.4%	42.1	42.1 42.1	0.0	0.0%
66.7% 67.9%	51.7 51.7	51.7	0.0 -0.1	0.0%	66.7% 67.9%	47.9 47.9	48.1 47.9	0.1	0.3% 0.1%	66.7% 67.9%	42.8 42.8	42.8 42.8	0.0	0.0%	66.7% 67.9%	42.1 42.0	42.1 42.0	0.0	0.0%
69.1%	51.7	51.6 51.6	-0.1	-0.2% -0.1%	67.9%	47.9 47.8	47.9 47.8	0.0	0.1%	69.1%	42.8 42.8	42.8	-0.1	-0.2%	67.9%	42.0 42.0	42.0 42.0	0.0	0.0%
70.4%	51.7 51.6	51.5 51.5	-0.1	-0.1%	70.4%	47.8 47.8	47.8 47.8	0.1	0.1%	70.4%	42.8 42.7	42.7	-0.1	-0.2%	70.4%	42.0 42.0	42.0 42.0	0.0	0.0%
70.4%	51.6	51.5	-0.1	-0.2%	71.6%	47.7	47.8	0.0	0.1%	71.6%	42.7	42.7	-0.1	-0.2%	70.4%	41.9	42.0	0.0	0.0%
71.6%	51.6 51.5	51.5 51.4	-0.1	-0.2%	71.6%	47.7	47.8 47.7	0.0	0.1%	71.6%	42.7 42.7	42.6 42.6	-0.1	-0.2%	71.6%	41.9 41.9	42.0 42.0	0.1	0.2%
74.1%	51.5	51.4	0.0	-0.1%	74.1%	47.7	47.7	0.0	-0.1%	74.1%	42.7	42.6	0.0	-0.1%	74.1%	41.8	41.9	0.1	0.2%
75.3%	51.5	51.4	0.0	-0.1%	75.3%	47.7	47.7	0.0	0.0%	75.3%	42.7	42.6	0.0	-0.1%	75.3%	41.8	41.8	0.0	0.2%
76.5%	51.5	51.4	-0.1	-0.1%	76.5%	47.6	47.6	0.0	0.0%	76.5%	42.6	42.6	0.0	-0.1%	76.5%	41.7	41.8	0.0	0.1%
77.8%	51.5	51.4	-0.1	-0.1%	77.8%	47.6	47.6	-0.1	-0.2%	77.8%	42.6	42.5	-0.1	-0.1%	77.8%	41.7	41.7	0.0	0.0%
79.0%	51.4	51.4	-0.1	-0.1%	79.0%	47.6	47.5	0.0	-0.1%	79.0%	42.5	42.5	0.0	0.1%	79.0%	41.6	41.6	-0.1	-0.1%
80.2%	51.4	51.3	-0.1	-0.1%	80.2%	47.5	47.5	-0.1	-0.1%	80.2%	42.5	42.5	0.0	0.0%	80.2%	41.6	41.4	-0.2	-0.4%
81.5%	51.2	51.2	0.0	0.0%	81.5%	47.5	47.3	-0.1	-0.1%	81.5%	42.5	42.5	0.0	0.0%	81.5%	41.5	41.4	0.0	-0.1%
82.7%	51.1	51.2	0.1	0.3%	82.7%	47.4	47.2	-0.1	-0.3%	82.7%	42.4	42.4	0.0	0.0%	82.7%	41.4	41.4	0.0	-0.1%
84.0%	51.1	51.2	0.1	0.3%	84.0%	47.1	47.1	0.0	0.0%	84.0%	42.3	42.3	0.0	0.1%	84.0%	41.4	41.4	0.0	0.0%
85.2%	51.0	50.9	-0.1	-0.1%	85.2%	47.1	47.0	-0.1	-0.2%	85.2%	42.3	42.3	0.0	0.0%	85.2%	41.3	41.3	0.0	0.1%
86.4%	50.9	50.9	0.0	0.0%	86.4%	46.9	47.0	0.1	0.1%	86.4%	42.3	42.3	0.0	0.0%	86.4%	41.2	41.2	0.1	0.1%
87.7%	50.9	50.8	-0.1	-0.1%	87.7%	46.8	46.8	0.0	0.1%	87.7%	42.1	42.2	0.0	0.1%	87.7%	41.0	41.2	0.2	0.5%
88.9%	50.4	50.6	0.2	0.3%	88.9%	46.8	46.8	0.0	-0.1%	88.9%	42.1	42.1	0.0	0.0%	88.9%	41.0	41.0	0.0	0.0%
90.1%	50.3	50.4	0.1	0.2%	90.1%	46.8	46.7	-0.1	-0.2%	90.1%	41.9	41.9	0.0	0.1%	90.1%	40.9	41.0	0.1	0.1%
91.4%	50.2	50.2	0.0	0.1%	91.4%	46.7	46.7	0.0	-0.1%	91.4%	41.8	41.8	0.1	0.1%	91.4%	40.8	40.9	0.1	0.2%
92.6%	50.1	50.2	0.1	0.1%	92.6%	46.6	46.6	0.0	0.0%	92.6%	41.8	41.7	0.0	-0.1%	92.6%	40.5	40.8	0.3	0.7%
93.8%	50.0	50.0	0.0	0.1%	93.8%	46.6	46.5	0.0	0.0%	93.8%	41.7	41.7	0.0	0.0%	93.8%	40.5	40.5	0.1	0.1%
95.1%	49.9	50.0	0.1	0.3%	95.1%	46.5	46.5	0.0	0.0%	95.1%	41.7	41.7	0.0	-0.1%	95.1%	40.4	40.4	0.1	0.2%
96.3%	49.8	49.8	0.0	0.0%	96.3%	46.1	46.2	0.1	0.2%	96.3%	41.7	41.7	0.0	0.0%	96.3%	40.3	40.2	-0.1	-0.3%
97.5%	49.7	49.7	0.0	0.0%	97.5%	45.7	45.7	0.0	0.0%	97.5%	41.5	41.6	0.1	0.1%	97.5%	40.0	40.0	0.0	0.1%
98.8%	49.6	49.5	-0.1	-0.3%	98.8%	45.6	45.6	0.0	0.0%	98.8%	41.5	41.4	-0.1	-0.3%	98.8%	39.7	39.6	-0.1	-0.2%
100.0%	49.3	49.3	0.0	0.0%	100.0%	45.1	45.5	0.4	1.0%	100.0%	40.7	40.7	0.0	0.0%	100.0%	39.1	39.1	0.0	0.1%

Table SQ-38-5b
Clear Creek at Mouth, Monthly Temperature
Probability of Exceedance

April

May

March

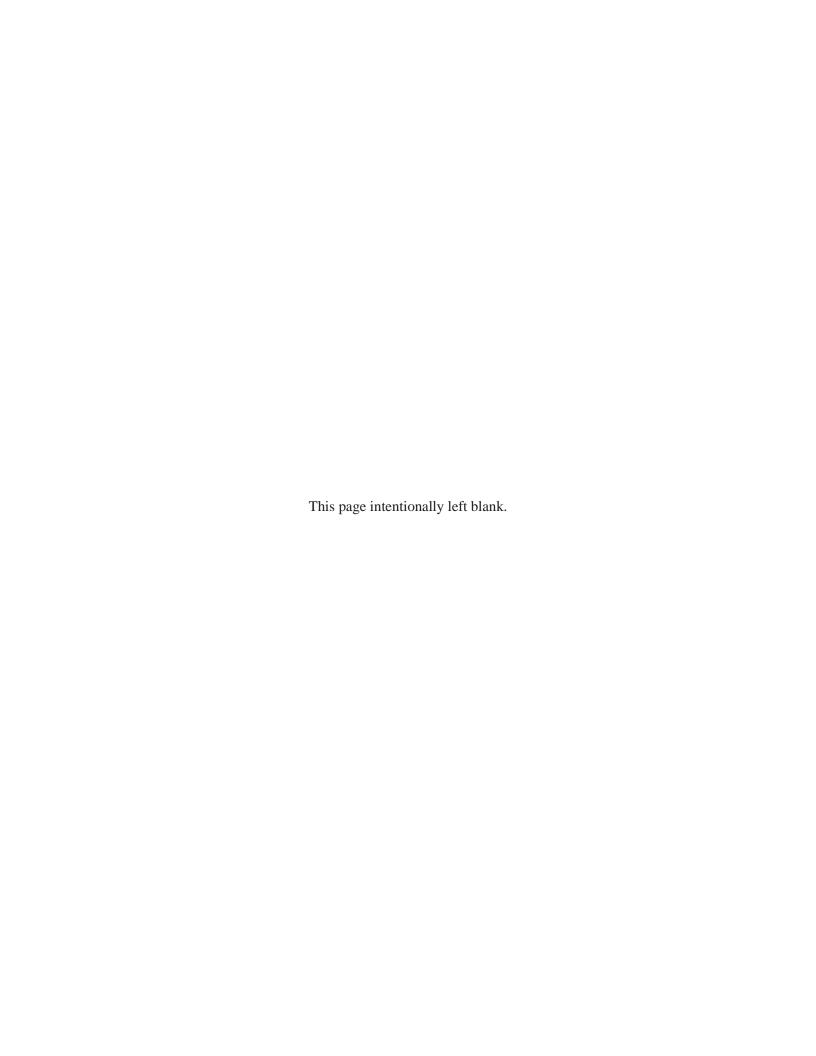
February

	Percent		*** " "			Percent		40 E B			Percent					Percent				
The color The	Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative
Second Column	Probability	Monthly Temperature	Monthly Temperature		Difference (%)	Probability	Monthly Temperature	Monthly Temperature		Difference (%)	Probability	Monthly Temperature	Monthly Temperature		Difference (%)	Probability	Monthly Temperature	Monthly Temperature		Difference (%)
	(%)					(%)					(%)					(%)				
200 401 407 604 408 504 504 505	0.0%					0.0%					0.0%					0.0%				0.0%
1.00																				
Color	2.5%									0.2%										
Section Sect																				
Fig. 1.5													54.3				57.8			
18																				
1											7.4%									
1 1 1 1 2 2 2 2 2 2																				
125 46																				
Section Sect									0.0			53.7		-0.2						
Mar.																				
March Marc	13.6%			0.0		13.6%			-0.1	-0.2%	13.6%	53.5	53.4	-0.1				57.0		0.0%
15																				
15.50 15.5											10.0%									-0.1%
150, 163																				
1.00		45.3							-0.0		19.8%	53.3	53.3				56.5	56.7		
22.5											21.0%								0.1	
20																				
24 44 45 61 61 62 63 64 63 64 63 64 63 64 64	23.5%					23.5%				0.0%	23.5%	52.5		0.2						0.4%
2.50								48.3												
Property											25.9%									-0.2%
24.00 44.00 45.00 50.0		45.0	45.0		0.1%		48.3	48.3				52.2	52.1				56.1	56.0	0.0	
2000 44.9																				
2006 448																				
20 14 14 15 16 15 15 15 15 15 15					0.2%		48.3		-0.2			52.1	52.0				56.0	55.9		
340% 440 440 100 0 15. 340% 461 440 00 0 -0.1% 340% 561 561 561 561 561 561 561 561 561 561	32.1%	44.9	44.9	0.1	0.2%	32.1%	48.1	48.0	-0.1	-0.2%	32.1%	52.1	52.0	-0.1	-0.3%	32.1%	55.9	55.8	-0.1	-0.2%
See 448											33.3%									
370h 447 443 00 00 0h 370h 467 411 418 00 00 0h 370h 410 417 417 417 00 00 418 00 0h 417 417 417 00 00 418 00 0h 418																				
54.78						35.8%			0.0		35.8%					35.8%				
2000 447																				
447% 446 446 00 00 00% 407% 478 478 00 0-01% 407% 518 518 00 00% 407% 552 533 01 02% 42% 472 472 07 07 07 07 07 07 07 07 07 07 07 07 07	38.3%			0.0							38.3%									-0.1%
4.40																				
42% 446 446 00 00% 43% 477 476 01 02% 42% 506 515 01 01% 42% 506 50 00 01% 446 42 00 00% 445 42 00 01% 42% 514 01 01% 42% 514 01 01% 42% 514 01 01% 42% 514 01 01% 514 01% 514 01% 514 01 01% 514 01% 514 01 01% 514 01% 514 01 01% 514 01% 5				0.0						-0.1%										0.2%
44-05 44-6 44-6 44-6 0.0 0.0 0.75 44-75 47-75 0.0 0.1 0.15 44-75 11-75 0.0 0.0 0.15 44-75 11-75 0.0 0.15 44-75 11-75 0.0 0.15 44-75 11-75 0.0 0.15 44-75 11-75 0.0 0.15 44-75 11-75 0.0 0.15 44-75 11-75 0.0 0.15 44-75 11-75 0.0 0.15 44-75 11-75 0.0 0.15 44-75 11-75 0.0 0.15 44-75 11-75 0.0 0.15 44-75 11-75 0.0 0.15 44-75 11-75 0.0 0.15 44-75 11-75 0.0 0.15 44-75 11-75 0.0 0.15 44-75 11-75 0.0 0.15 44-75 11-75 0.0 0.15 44-75 11-75 0.0 0.15 44-75 0.0 0.15 44-75 0.0 0.15 44-75 0.0 0.15 44-75 0.0 0.15 44-75 0.0 0.15 44-75 0.0 0.0 0.15 44-75 0.0 0.15 44-75 0.0 0.15 44-75 0.0 0.0 0.15 44-75 0.0 0.0 0.15 44-75 0.0 0.0 0.15 44-75 0.0 0.0 0.15 44-75 0.0 0.0 0.15 44-75 0.0 0.0 0.15 44-75 0.0 0.0 0.15 44-75 0.0 0.0 0.15 44-75 0.0 0.0 0.15 44-75 0.0 0.0 0.15 44-75 0.0 0.0 0.15 44-75 0.0 0.0 0.15 44-75 0.0 0.0 0.15 44-75 0.0 0.0 0.15 44-75 0.0 0.0 0														-0.1						
4.5% 44.5 44.6 0.0 0.1% 45.7% 47.6 47.5 0.0 0.1% 45.7% 51.4 0.0 0.0% 45.7% 54.8 0.0 0.0 0.1% 46.9% 51.2 0.0 0.0% 45.5 0.0 0.0 0.1% 46.9% 51.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0																				
40% 44.4 44.5 0.1 0.2% 45.9% 47.5 47.5 0.0 0.0% 40.9% 51.4 51.3 0.1 0.1% 46.9% 54.8 54.0 0.0 0.0% 50.0			44.6			44.4%					44.4%					44.4%			0.2	
44,15																45.7%				
49.0	46.9%					46.9%				-0.1%				-0.1						
59.95 44.2																				
\$19% 442 443 01 02% \$519% 472 472 00 00% \$19% \$12 512 00 00% \$919% \$4.8 \$4.8 00 00% \$19% \$4.8 \$4.8 00 00% \$1.9 \$4.8 \$4.8 \$4.8 \$4.8 \$4.8 \$4.8 \$4.8 \$4.8				0.2																
\$31%																				0.176
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$95.1\% \qquad 42.5 \qquad 42.5 \qquad 0.0 \qquad 0.1\% \qquad 95.1\% \qquad 45.4 \qquad 45.4 \qquad 0.0 \qquad 0.0\% \qquad 95.1\% \qquad 48.2 \qquad 48.2 \qquad 0.0 \qquad 0.0\% \qquad 95.1\% \qquad 51.1 \qquad 51.2 \qquad 0.1 \qquad 0.1\% \\ 96.3\% \qquad 42.4 \qquad 42.4 \qquad 0.0 \qquad 0.0\% \qquad 96.3\% \qquad 45.3 \qquad 45.3 \qquad 0.0 \qquad 0.1\% \qquad 96.3\% \qquad 48.0 \qquad 47.9 \qquad -0.1 \qquad -0.2\% \qquad 96.3\% \qquad 50.9 \qquad 50.9 \qquad 50.9 \\ 97.5\% \qquad 42.2 \qquad 42.3 \qquad 0.0 \qquad 0.1\% \qquad 97.5\% \qquad 45.2 \qquad 45.2 \qquad 0.0 \qquad -0.1\% \qquad 97.5\% \qquad 47.9 \qquad 47.8 \qquad -0.1 \qquad -0.1\% \qquad 97.5\% \qquad 50.8 \qquad 50.8 \qquad 0.0 \qquad 0.0\% \\ 98.5\% \qquad 41.9 \qquad 41.9 \qquad 0.0 \qquad 0.0\% \qquad 98.8\% \qquad 45.0 \qquad 0.0 \qquad 0.0\% \qquad 98.8\% \qquad 45.5 \qquad 45.5 \qquad 0.0 \qquad 0.0\% \qquad 98.8\% \qquad 50.1 \qquad 50.1 \qquad 0.0 \qquad 0.0\% \qquad 0$	93.8%	42.5	42.6	0.1	0.2%	93.8%	45.4	45.4	0.0	0.0%	93.8%	48.3	48.3	0.0	0.0%	93.8%	51.8	52.1	0.3	0.6%
96.3% 42.4 42.4 0.0 0.0% 96.3% 45.3 45.3 0.0 -0.1% 96.3% 48.0 47.9 -0.1 -0.2% 96.3% 50.9 50.9 0.0 0.0% 97.5% 42.2 42.3 0.0 0.1% 97.5% 45.2 45.2 0.0 -0.1% 97.5% 47.9 47.8 -0.1 -0.1% 97.5% 50.8 50.8 0.0 0.0% 98.8% 41.9 41.9 0.0 0.0% 98.8% 45.0 45.0 0.0 0.0% 98.8% 46.5 46.5 0.0 0.0% 98.8% 50.1 50.1 50.1 0.0 0.0%										0.0%	95.1%									
97.5% 42.2 42.3 0.0 $0.1%$ $97.5%$ 45.2 45.2 0.0 $-0.1%$ $97.5%$ 47.9 47.8 -0.1 $-0.1%$ $97.5%$ 50.8 50.8 0.0 $0.0%$ $98.8%$ 41.9 41.9 0.0 $0.0%$ $98.8%$ 45.0 0.0 $0.0%$ $98.8%$ 45.0 0.0 $0.0%$	96.3%	42.4	42.4	0.0	0.0%	96.3%	45.3			-0.1%	96.3%	48.0	47.9	-0.1	-0.2%	96.3%	50.9	50.9	0.0	0.0%
	97.5%	42.2	42.3	0.0	0.1%	97.5%	45.2	45.2	0.0	-0.1%	97.5%	47.9	47.8		-0.1%	97.5%	50.8	50.8		0.0%
100.0% 41.5 41.5 0.0 0.0% 100.0% 44.9 44.9 0.0 -0.1% 100.0% 46.4 46.4 0.0 0.0% 100.0% 49.7 49.7 0.0 0.1%																				
	100.0%	41.5	41.5	0.0	0.0%	100.0%	44.9	44.9	0.0	-0.1%	100.0%	46.4	46.4	0.0	0.0%	100.0%	49.7	49.7	0.0	0.1%

Table SQ-38-5b
Clear Creek at Mouth, Monthly Temperature
Probability of Exceedance

August

Percent		48 E D			Percent		411 II B			Percent		40 0 0			Percent				
Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative
Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	65.8	65.4	-0.4	-0.6%	0.0%	83.4	83.1	-0.3	-0.4%	0.0%	74.0	74.2	0.2	0.2%	0.0%	66.2	66.8	0.6	0.9%
1.2%	65.1	65.0	-0.1	-0.2%	1.2%	72.2	72.4	0.2	0.3%	1.2%	69.6	69.5	-0.1	-0.2%	1.2%	63.9	63.3	-0.6	-1.0%
2.5%	64.9	64.6	-0.3	-0.5%	2.5%	71.5	71.2	-0.3	-0.4%	2.5%	68.6	67.6	-1.1	-1.5%	2.5%	63.1	63.1	0.0	0.0%
3.7%	64.8	64.4	-0.4	-0.7%	3.7%	70.9	70.9	0.0	0.0%	3.7%	67.7	66.8	-0.9	-1.3%	3.7%	63.1	62.7	-0.4	-0.6%
4.9%	64.4	64.1	-0.3	-0.5%	4.9%	70.6	70.5	-0.1	-0.1%	4.9%	66.8	66.6	-0.2	-0.3%	4.9%	62.4	61.2	-1.2	-1.9%
6.2%	64.2	64.1	-0.1	-0.1%	6.2%	69.2	69.3	0.1	0.1%	6.2%	66.6	66.3	-0.2	-0.4%	6.2%	61.9	60.8	-1.1	-1.8%
7.4%	63.8	63.9	0.1	0.1%	7.4%	68.8	68.2	-0.7	-1.0%	7.4%	66.5	66.2	-0.3	-0.4%	7.4%	61.3	60.3	-1.0	-1.7%
8.6%	63.7	63.8	0.2	0.3%	8.6%	68.6	68.0	-0.6	-0.9%	8.6%	66.3	66.2	-0.1	-0.2%	8.6%	61.0	59.8	-1.2	-2.0%
9.9%	63.2	63.1	-0.1	-0.1%	9.9%	68.1	67.9	-0.2	-0.4%	9.9%	66.3	65.9	-0.3	-0.5%	9.9%	61.0	59.6	-1.4	-2.2%
11.1% 12.3%	62.9 62.8	62.9 62.8	0.0	0.0%	11.1% 12.3%	68.0 67.9	67.8 67.7	-0.2 -0.2	-0.3% -0.3%	11.1% 12.3%	66.2 66.2	65.9 65.8	-0.3 -0.3	-0.5% -0.5%	11.1% 12.3%	60.4 60.3	59.5 59.5	-0.9 -0.8	-1.4% -1.4%
13.6%	62.6	62.7	0.1	0.2%	13.6%	67.9	67.7	-0.2	-0.3%	13.6%	65.8	65.5	-0.2	-0.4%	13.6%	60.1	59.2	-0.8	-1.4%
14.8%	61.6	61.5	0.0	0.0%	14.8%	67.7	67.5	-0.2	-0.3%	14.8% 16.0%	65.1	65.4	0.2	0.3%	14.8%	59.7 59.2	59.2	-0.5 -0.2	-0.9%
16.0% 17.3%	61.5 61.3	61.5 61.3	0.0	0.0%	16.0% 17.3%	67.6 67.5	67.4 67.4	-0.2 -0.1	-0.2% -0.2%	16.0%	65.0 65.0	65.3 65.1	0.2 0.1	0.3%	16.0% 17.3%	59.2 58.8	59.1 58.5	-0.2	-0.3% -0.4%
18.5%	61.3	61.3	0.0	0.0%	18.5%	67.4	67.3	-0.1	-0.1%	18.5%	64.9	65.0	0.1	0.1%	18.5%	58.5	58.3	-0.2	-0.4%
19.8%	61.2	61.2	0.0	0.0%	19.8%	67.4	67.2	-0.1	-0.1%	19.8%	64.9	65.0	0.1	0.1%	19.8%	58.2	58.2	0.0	0.0%
21.0%	60.9	61.1	0.0	0.3%	21.0%	67.4	67.1	-0.2	-0.5%	21.0%	64.8	65.0	0.1	0.2%	21.0%	58.2	58.2	0.0	0.0%
22.2%	60.8	61.0	0.2	0.4%	22.2%	67.4	66.9	-0.4	-0.7%	22.2%	64.8	64.9	0.1	0.1%	22.2%	58.1	58.1	0.0	0.1%
23.5%	60.6	60.6	0.0	0.0%	23.5%	67.3	66.9	-0.4	-0.6%	23.5%	64.7	64.8	0.1	0.1%	23.5%	58.0	58.1	0.0	0.2%
24.7%	60.6	60.6	0.0	-0.1%	24.7%	67.1	66.8	-0.4	-0.4%	24.7%	64.7	64.8	0.1	0.2%	24.7%	57.9	58.0	0.1	0.2%
25.9%	60.6	60.6	0.0	0.0%	25.9%	66.8	66.7	-0.1	-0.1%	25.9%	64.7	64.7	0.0	0.1%	25.9%	57.7	57.9	0.1	0.2%
27.2%	60.4	60.5	0.0	0.0%	27.2%	66.8	66.7	-0.1	-0.1%	27.2%	64.7	64.7	0.0	0.1%	27.2%	57.6	57.7	0.1	0.2%
28.4%	60.3	60.4	0.1	0.3%	28.4%	66.8	66.6	-0.1	-0.1%	28.4%	64.7	64.7	0.1	0.1%	28.4%	57.6	57.6	0.0	0.1%
29.6%	60.1	60.1	0.0	0.0%	29.6%	66.7	66.6	-0.2	-0.2%	29.6%	64.7	64.6	-0.1	-0.1%	29.6%	57.5	57.4	-0.1	-0.1%
30.9%	60.1	60.1	0.0	0.0%	30.9%	66.7	66.5	-0.2	-0.2%	30.9%	64.7	64.2	-0.5	-0.8%	30.9%	57.5	57.4	-0.1	-0.1%
32.1%	60.0	60.0	0.0	0.0%	32.1%	66.6	66.5	-0.2	-0.2%	32.1%	64.3	64.1	-0.2	-0.4%	32.1%	57.5	57.3	-0.1	-0.2%
33.3%	59.8	59.8	0.0	-0.1%	33.3%	66.6	66.4	-0.3	-0.4%	33.3%	64.2	64.0	-0.1	-0.2%	33.3%	57.3	57.1	-0.1	-0.2%
34.6%	59.8	59.8	0.0	0.0%	34.6%	66.6	66.3	-0.2	-0.4%	34.6%	63.9	64.0	0.1	0.1%	34.6%	57.2	57.0	-0.2	-0.3%
35.8%	59.7	59.7	0.0	0.0%	35.8%	66.5	66.3	-0.3	-0.4%	35.8%	63.9	64.0	0.1	0.2%	35.8%	57.2	56.9	-0.3	-0.5%
37.0%	59.6	59.7	0.0	0.1%	37.0%	66.5	66.2	-0.3	-0.4%	37.0%	63.8	63.8	0.0	0.0%	37.0%	57.0	56.9	-0.1	-0.1%
38.3%	59.6	59.6	0.0	-0.1%	38.3%	66.4	66.1	-0.3	-0.4%	38.3%	63.8	63.8	0.0	0.0%	38.3%	56.8	56.6	-0.2	-0.4%
39.5%	59.5	59.5	0.0	0.0%	39.5%	66.4	66.1	-0.3	-0.5%	39.5%	63.7	63.7	0.0	0.0%	39.5%	56.8	56.6	-0.2	-0.4%
40.7%	59.5	59.5	0.0	0.0%	40.7%	66.3	65.9	-0.4	-0.7%	40.7%	63.7	63.6	-0.1	-0.1%	40.7%	56.7	56.6	-0.1	-0.1%
42.0%	59.4	59.4	0.0	0.0%	42.0%	66.1	65.9	-0.2	-0.3%	42.0%	63.5	63.6	0.1	0.1%	42.0%	56.6	56.6	-0.1	-0.1%
43.2%	59.3	59.4	0.1	0.2%	43.2%	66.0	65.7	-0.4	-0.6%	43.2%	63.5	63.6	0.1	0.2%	43.2%	56.6	56.5	-0.1	-0.1%
44.4%	59.2	59.4	0.2	0.3%	44.4%	65.6	65.7	0.0	0.0%	44.4%	63.3	63.5	0.2	0.2%	44.4%	56.6	56.5	0.0	-0.1%
45.7%	59.2	59.3	0.1	0.2%	45.7%	65.6	65.6	0.1	0.1%	45.7%	63.3	63.5	0.1	0.2%	45.7%	56.5	56.5	0.0	0.0%
46.9%	59.0	59.3	0.3	0.5%	46.9%	65.5	65.5	0.1	0.1%	46.9%	63.3	63.3	0.0	0.1%	46.9%	56.5	56.5	-0.1	-0.1%
48.1%	58.9	59.2	0.4	0.6%	48.1%	65.4	65.4	0.0	0.1%	48.1%	63.2	63.2	0.1	0.1%	48.1%	56.5	56.4	-0.1	-0.1%
49.4%	58.9	59.0	0.1	0.2%	49.4%	65.2	65.4	0.2	0.2%	49.4%	63.2	63.2	0.0	0.0%	49.4%	56.5	56.4	-0.1	-0.2%
50.6%	58.9	59.0	0.1	0.2%	50.6%	65.2	65.3	0.2	0.3%	50.6%	63.1	63.2	0.0	0.0%	50.6%	56.5	56.4	-0.1	-0.2%
51.9%	58.8	58.9	0.1	0.1%	51.9%	65.1	65.2	0.1	0.2%	51.9%	63.1	63.1	0.0	0.0%	51.9%	56.4	56.3	-0.1	-0.3%
53.1%	58.8	58.8	0.0	0.1%	53.1%	64.9	65.2	0.2	0.4%	53.1%	63.0	63.0	0.0	-0.1%	53.1%	56.4	56.3	-0.1	-0.3%
54.3%	58.8	58.7	0.0	0.0%	54.3%	64.9	65.1	0.2	0.4%	54.3%	62.8	63.0	0.1	0.2%	54.3%	56.4	56.3	-0.2	-0.3%
55.6%	58.7	58.7	0.1	0.1%	55.6%	64.9	65.1	0.2	0.4%	55.6%	62.8	63.0	0.1	0.2%	55.6%	56.4	56.2	-0.2	-0.3%
56.8%	58.6	58.6	0.1	0.1%	56.8%	64.7	65.1	0.4	0.6%	56.8%	62.8	63.0	0.1	0.2%	56.8%	56.3	56.2	-0.1	-0.1%
58.0%	58.5	58.6	0.1	0.1%	58.0%	64.7	65.0	0.3	0.5%	58.0%	62.8	62.9	0.1	0.1%	58.0%	56.2	56.2	0.0	-0.1%
59.3%	58.3	58.5	0.2	0.3%	59.3%	64.6	64.8	0.2	0.3%	59.3%	62.8	62.9	0.1	0.1%	59.3%	56.2	56.0	-0.2	-0.3%
60.5%	58.3	58.5	0.1	0.3%	60.5%	64.6	64.7	0.1	0.2%	60.5%	62.8	62.8	0.0	0.0%	60.5%	56.1	56.0	-0.1	-0.2%
61.7%	58.2	58.3	0.2	0.3%	61.7%	64.6	64.6	0.0	0.1%	61.7%	62.7	62.8	0.1	0.1%	61.7%	56.0	55.9	-0.1	-0.1%
63.0%	58.0	58.1	0.0	0.1%	63.0%	64.5	64.6	0.0	0.1%	63.0%	62.7	62.8	0.1	0.1%	63.0%	56.0	55.9	0.0	0.0%
64.2%	57.9	57.9	0.0	0.0%	64.2%	64.5	64.5	0.1	0.1%	64.2%	62.7	62.7	0.0	0.1%	64.2%	55.9	55.9	0.0	0.0%
65.4%	57.9	57.9	0.0	0.0%	65.4%	64.5 64.4	64.5 64.5	0.0	0.1%	65.4%	62.4	62.7 62.6	0.3	0.5%	65.4%	55.9	55.8 55.8	-0.1	-0.1%
66.7% 67.9%	57.7 57.7	57.9 57.8	0.1 0.0	0.2%	66.7% 67.9%	64.4 64.3	64.5 64.4	0.0 0.1	0.0% 0.1%	66.7% 67.9%	62.4	62.6 62.5	0.2 0.2	0.3%	66.7% 67.9%	55.9 55.8	55.8 55.8	-0.1 -0.1	-0.1%
69.1%	57.7 57.6	57.8 57.6	0.0	0.1%	67.9%	64.3	64.2	0.1	-0.1%	69.1%	62.3 62.1	62.5	0.2	0.5%	67.9%	55.8 55.8	55.8	-0.1	-0.1% -0.1%
70.4%	57.5 57.5	57.6	0.0	0.1%	70.4%	64.2	64.2	-0.1	-0.1% -0.1%	70.4%	62.1	62.5	0.3	0.5%	70.4%	55.8 55.8	55.7 55.7	-0.1	-0.1%
70.4%	57.5 57.5	57.6	0.1	0.1%	71.6%	64.2	64.1	-0.1	-0.1%	71.6%	62.0	62.1	0.2	0.3%	70.4%	55.7	55.7	0.0	0.0%
71.6%	57.5 57.5	57.6 57.5	0.1	0.1%	71.6%	64.2	64.1	-0.1	-0.1% -0.1%	71.6%	62.0	62.1	0.1	0.1%	71.6%	55.7 55.7	55.7 55.6	0.0	-0.1%
74.1%	57.4	57.5 57.5	0.0	0.1%	74.1%	64.2	64.1	-0.1	-0.1%	74.1%	61.9	62.0	0.0	0.1%	74.1%	55.6	55.6	0.0	0.1%
75.3%	57.4	57.5 57.5	0.2	0.2%	75.3%	64.1	64.0	-0.1	-0.1%	75.3%	61.7	62.0	0.1	0.5%	75.3%	55.5	55.6	0.1	0.1%
76.5%	57.3	57.3	0.0	0.2%	76.5%	63.9	63.9	0.0	-0.1%	76.5%	61.6	61.9	0.3	0.5%	76.5%	55.5	55.5	0.1	0.1%
77.8%	57.2	57.3	0.1	0.1%	77.8%	63.8	63.9	0.0	0.1%	77.8%	61.5	61.7	0.3	0.3%	77.8%	55.5	55.4	0.0	-0.1%
79.0%	56.9	57.0	0.1	0.1%	79.0%	63.7	63.8	0.1	0.1%	79.0%	61.4	61.6	0.2	0.4%	79.0%	55.4	55.4	0.0	-0.1%
80.2%	56.9	57.0	0.2	0.3%	80.2%	63.3	63.7	0.4	0.6%	80.2%	61.3	61.6	0.3	0.5%	80.2%	55.4	55.4	0.0	0.0%
81.5%	56.8	57.0	0.2	0.3%	81.5%	63.2	63.3	0.4	0.6%	81.5%	61.2	61.6	0.3	0.6%	81.5%	55.4	55.4	0.0	0.0%
82.7%	56.7	56.9	0.2	0.3%	82.7%	63.0	63.3	0.3	0.4%	82.7%	61.2	61.5	0.2	0.4%	82.7%	55.3	55.3	0.0	0.1%
84.0%	56.5	56.8	0.2	0.4%	84.0%	62.8	63.1	0.3	0.5%	84.0%	61.0	61.4	0.4	0.7%	84.0%	55.2	55.3	0.0	0.0%
85.2%	56.3	56.7	0.3	0.6%	85.2%	62.8	63.0	0.2	0.4%	85.2%	61.0	61.4	0.4	0.7%	85.2%	55.1	55.1	0.0	0.1%
86.4%	56.3	56.4	0.1	0.1%	86.4%	62.7	62.9	0.2	0.3%	86.4%	60.8	61.3	0.5	0.8%	86.4%	55.0	55.1	0.1	0.1%
87.7%	56.3	56.3	0.0	0.0%	87.7%	62.6	62.5	0.0	-0.1%	87.7%	60.7	61.2	0.5	0.9%	87.7%	55.0	55.1	0.0	0.0%
88.9%	56.0	56.1	0.1	0.1%	88.9%	62.2	62.5	0.3	0.4%	88.9%	60.6	61.2	0.6	0.9%	88.9%	55.0	55.1	0.0	0.1%
90.1%	55.9	56.0	0.1	0.3%	90.1%	62.0	61.7	-0.3	-0.4%	90.1%	60.6	60.9	0.3	0.6%	90.1%	54.9	55.1	0.2	0.3%
91.4%	55.8	55.9	0.1	0.1%	91.4%	61.7	61.7	0.0	0.0%	91.4%	60.6	60.9	0.3	0.5%	91.4%	54.8	54.7	-0.1	-0.1%
92.6%	55.8	55.9	0.1	0.2%	92.6%	61.7	61.6	-0.1	-0.1%	92.6%	60.4	60.7	0.4	0.6%	92.6%	54.6	54.6	0.1	0.1%
93.8%	55.2	55.2	0.0	0.1%	93.8%	61.2	61.2	0.0	0.0%	93.8%	60.2	60.2	0.0	0.0%	93.8%	54.4	54.6	0.1	0.2%
95.1%	54.7	54.7	0.0	0.0%	95.1%	61.1	61.1	0.0	-0.1%	95.1%	60.0	60.2	0.1	0.2%	95.1%	54.4	54.5	0.1	0.1%
96.3%	54.5	54.5	0.0	0.0%	96.3%	60.7	60.7	0.0	0.0%	96.3%	59.6	59.7	0.0	0.1%	96.3%	54.3	54.4	0.1	0.2%
97.5%	54.5	54.4	0.0	0.0%	97.5%	60.5	60.6	0.2	0.3%	97.5%	59.5	59.6	0.1	0.2%	97.5%	54.3	54.2	-0.1	-0.1%
98.8%	53.4	53.4	0.0	0.0%	98.8%	59.5	59.5	0.0	0.0%	98.8%	59.5	59.4	0.0	-0.1%	98.8%	53.9	53.9	0.0	0.0%
100.0%	51.9	51.9	0.0	0.0%	100.0%	59.3	59.2	-0.1	-0.1%	100.0%	59.1	59.3	0.2	0.3%	100.0%	53.8	53.7	-0.1	-0.2%





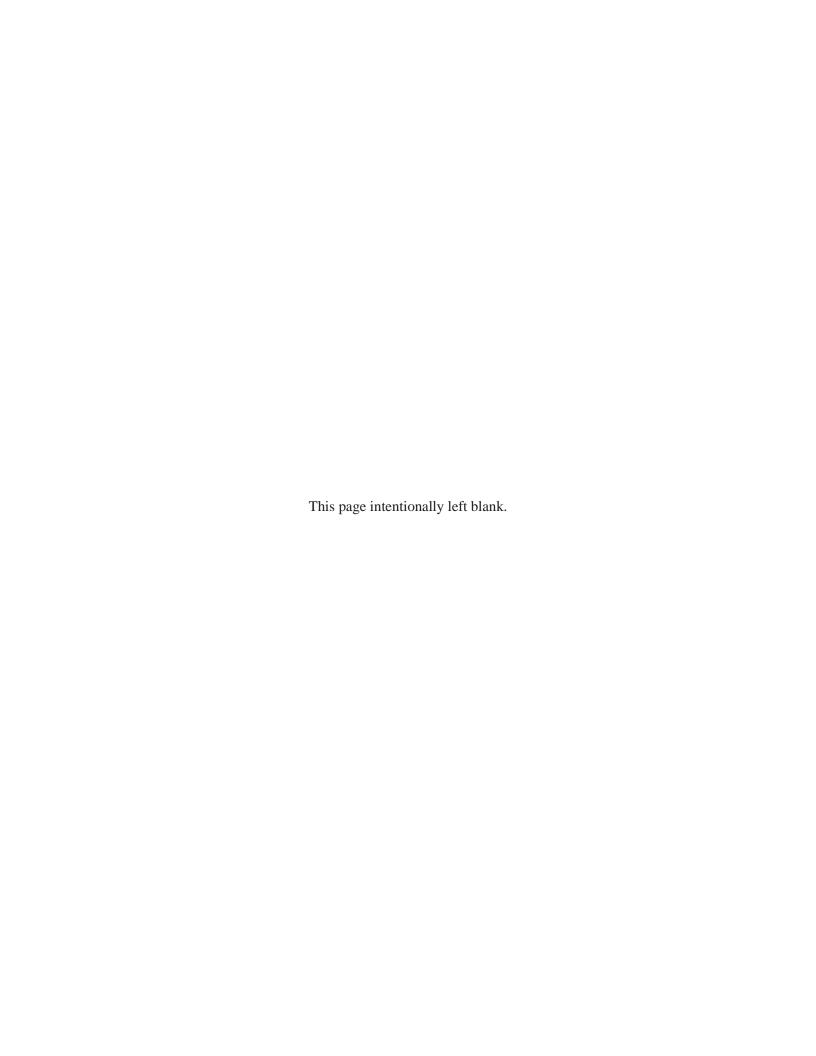


Table SQ-02-7a Sacramento River below Keswick, Monthly Temperature Long-term Average and Average by Water Year Type

					Mon	thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
•				Loi	ng-term							
Full Simulation Period ¹												
No Action Alternative	55.0	53.2	49.7	46.3	45.7	47.1	48.8	49.9	50.7	52.0	53.3	55.0
Alternative C	54.4	52.9	49.9	46.5	45.8	47.3	49.1	49.8	50.7	51.9	52.8	54.4
Difference	-0.7	-0.2	0.2	0.2	0.1	0.1	0.3	-0.1	0.0	-0.1	-0.5	-0.7
Percent Difference ³	-1.2%	-0.5%	0.3%	0.4%	0.2%	0.3%	0.6%	-0.1%	0.0%	-0.2%	-0.9%	-1.29
				Water Y	ear Types	2						
Wet (32%)												
No Action Alternative	54.4	53.3	49.8	45.7	45.2	46.5	48.2	49.4	50.0	51.5	52.4	53.2
Alternative C	54.1	53.3	50.1	45.8	45.2	46.6	48.3	49.2	50.0	51.6	52.4	53.0
Difference	-0.3	-0.1	0.2	0.1	0.1	0.1	0.1	-0.2	0.0	0.1	0.0	-0.3
Percent Difference	-0.5%	-0.1%	0.4%	0.3%	0.2%	0.2%	0.2%	-0.3%	-0.1%	0.2%	0.0%	-0.59
Above Normal (15%)												
No Action Alternative	53.5	52.7	50.0	46.2	45.6	47.2	48.9	49.8	49.8	51.1	52.7	53.7
Alternative C	52.9	52.5	50.3	46.4	45.7	47.3	49.1	49.6	49.9	51.1	52.7	53.5
Difference	-0.6	-0.2	0.2	0.2	0.1	0.1	0.2	-0.1	0.2	0.0	0.0	-0.2
Percent Difference	-1.0%	-0.3%	0.5%	0.4%	0.1%	0.2%	0.4%	-0.3%	0.3%	0.0%	-0.1%	-0.49
Below Normal (17%)												
No Action Alternative	53.1	52.4	49.9	46.6	45.6	47.0	49.0	49.8	50.3	51.4	52.1	53.8
Alternative C	52.7	52.1	50.0	46.7	45.6	47.0	49.2	49.8	50.4	51.3	52.1	53.3
Difference	-0.4	-0.3	0.0	0.1	0.0	0.0	0.3	0.0	0.1	-0.1	0.0	-0.5
Percent Difference	-0.8%	-0.5%	0.1%	0.2%	0.0%	0.1%	0.5%	0.0%	0.1%	-0.2%	0.0%	-0.99
Dry (22%)												
No Action Alternative	55.3	53.5	49.8	46.8	46.0	47.6	49.0	49.8	50.9	51.7	53.2	55.5
Alternative C	54.3	52.9	49.8	47.0	46.1	47.8	49.5	49.8	51.0	51.7	52.6	54.5
Difference	-1.1	-0.6	0.0	0.2	0.1	0.2	0.5	0.1	0.0	0.0	-0.6	-1.0
Percent Difference	-2.0%	-1.1%	0.0%	0.4%	0.2%	0.4%	1.0%	0.2%	0.0%	0.0%	-1.1%	-1.79
Critical (15%)												
No Action Alternative	59.6	53.6	48.8	46.6	46.4	48.1	49.7	51.5	53.2	55.5	57.4	61.1
Alternative C	58.4	53.4	49.2	46.9	46.7	48.2	50.1	51.4	52.9	54.5	55.3	59.3
Difference	-1.2	-0.1	0.4	0.3	0.2	0.2	0.5	-0.1	-0.2	-1.0	-2.2	-1.8
Percent Difference	-2.0%	-0.2%	0.8%	0.6%	0.5%	0.4%	1.0%	-0.2%	-0.4%	-1.7%	-3.8%	-3.09

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



Figure SQ-02-7b Sacramento River below Keswick, Monthly Temperature Probability of Exceedance

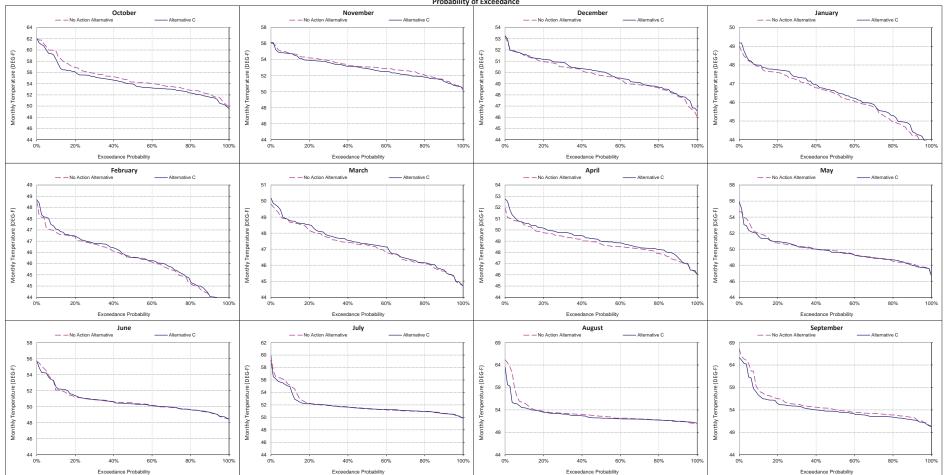


Table SQ-02-7b Sacramento River below Keswick, Monthly Temperature Probability of Exceedance

Octobe Novembe Decembe January Percent Percent Percent Percent No Action Alternative Alternative C Absolute Relative Exceedance Relative Exceedance Relative Relative Difference Difference Difference Difference Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% 0.0% 62.0 62.1 0.1 0.0% 56.1 0.2% 0.0% 53.2 53.3 0.2% 49.0 49.2 0.3% 1.2% 61.8 61.3 -0.5 -0.9% 1.2% 56.0 56.1 0.2 0.3% 1.2% 52.8 53.0 0.2 0.5% 1.2% 48.7 49.2 0.4 0.9% 2.5% 61.8 61.0 -1.3% 2.5% 55.7 55.3 -0.9% 2.5% 52.1 52.0 -0.1 -0.2% 2.5% 48.5 48.8 0.6% 3.7% 3.7% 61.1 60.7 -0.4 -0.7% 3.7% 55.3 55.0 -0.3 -0.6% 3.7% 51.9 52.0 0.0 0.1% 48.4 48.5 0.1 0.2% 4.9% 60.6 60.0 -0.6 -1.0% 4.9% 55.1 54.9 -0.2 -0.4% 4.9% 51.9 51.9 0.1 0.1% 4.9% 48.2 48.3 0.0 0.1% 6.2% 6.2% 6.2% 6.2% 60.0 59.4 -0.6 -1.0% 55.0 54.9 -0.2 -0.3% 51.8 51.8 0.0 0.0% 48.1 48.2 0.1 0.1% 7.4% -1.0% 7.4% -0.2 -0.1 -0.3% 7.4% 0.1 0.1% 7.4% 48.1 48.1 -0.1 0.1 8.6% 8.6% 8.6% 8.6% 60.0 59.2 -0.8 -1.3% 54.9 54.8 -0.2% 51.7 51.7 0.0% 47 9 48.0 0.1% 9.9% 11.1% 12.3% -2.5% 9.9% 0.0% 11.1% 12.3% 58.9 57.6 -1.3 -2.2% -3.0% 11.1% 54.7 54.7 0.0 0.1% 11.1% 51.5 51.6 0.1 0.1% 47.9 48.0 0.1 0.1% 13.6% 13.6% 13.6% 13.6% 0.4% 58.0 56.5 -16 -2.7% 54.7 545 -0 2 -0.4% 51.3 51.4 0.1 0.1% 47.7 47.8 0.2 47.8 16.0% 16.0% 16.0% 16.0% 57.6 56.3 -1.3 -2.2% 54.3 54.1 -0.2 -0.4% 51.2 51.3 0.0 0.1% 47.6 47.8 0.1 0.3% 18.5% 18.5% -0.7% 18.5% 0.4% 18.5% 0.1 0.3% 57.0 56.2 -0.8 -1.5% 54.3 53.9 -0.4 51.0 51.2 0.2 47.6 47.7 19.8% 21.0% 56.9 56.9 56.2 55.8 -0.8 -1.1 -1.3% 54.2 54.2 53.9 -0.3 -0.3 19.8% 51.2 51.2 0.2 19.8% 21.0% 47.7 47.7 0.1 21.0% -1.9% 53.9 -0.6% 50.9 0.4% 47.6 0.3% 22.2% 23.5% 55.5 55.5 -1.7% -1.4% 22.2% 23.5% 53.9 -0.5% 22.2% 23.5% 22.2% 23.5% 47.7 0.2 53.9 -0.3 47.7 47.5 56.3 -0.8 54.2 -0.6% 50.9 51.1 0.3 0.5% 0.5% 24.7% 25.9% -0.6 -0.6 -1.1% -1.1% 24.7% 25.9% 24.7% 25.9% 24.7% 25.9% 56.2 53.8 -0.3 -0.2 -0.5% 50.9 0.2 17.1 47.7 0.2 56.1 55.5 54.0 53.8 -0.5% 0.2% 47.3 47.7 0.8% 50.8 50.9 27.2% 28.4% 27.2% 28.4% 27.2% 28.4% 55.5 -1.0% 27.2% 53.8 -0.3% 50.7 50.9 47.3 47.5 0.2 55.9 55.3 -0.6 -1.1% 28.4% 54.0 53.8 -0.2 -0.3% 0.4 0.8% 47.3 47.4 0.1 0.2% 50.5 50.9 29.6% 30.9% -1.0% -1.1% 29.6% 30.9% -0.5% -0.5% 29.6% 30.9% 29.6% 30.9% -0.6 -0.6 -0.3 -0.2 0.8% 17.1 0.2 53.8 53.6 47.3 0.3% 50.5 47.2 32.1% 55.6 55.0 -0.6 -1.1% 32.1% 53.8 53.5 -0.3 -0.5% 32.1% 50.5 50.7 0.3 0.6% 32.1% 47.1 47.3 0.2 0.5% 33.3% -0.7 -1.2% 33.3% 53.6 53.4 -0.2 -0.4% 33.3% 50.4 0.3% 33.3% 47.3 0.2 0.5% 34.6% 55.6 -0.7 -1.2% 34.6% 53.6 53.4 -0.2 -0.4% 34.6% 50.4 50.5 0.1 0.1% 34.6% 47.0 47.3 0.3 0.6% 35.8% -0.9% 35.8% -0.2 35.8% 35.8% 0.1 55.4 53.4 -0.4% 0.2% 47.1 0.3% 37.0% 55.3 54.8 -0.6 -1.0% 37.0% 53.5 53.3 -0.1-0.3% 37.0% 50.3 50.4 0.1% 37.0% 46.9 47.1 0.2 0.5% 38.3% 55.3 54.7 -1.1% 38.3% 53.2 38.3% 38.3% 47.0 0.1 0.1% 0.2% 39.5% 55.3 54.7 -0.6 -1.1% 39.5% 53.4 53.2 -0.2 -0.4% 39.5% 50.3 50.4 0.1% 39.5% 46.8 47.0 0.2 0.4% 40.7% 55.2 54.6 -0.6 -1.1% 40.7% 53.2 53.2 -0.1 -0.1% 40.7% 50.1 50.3 0.2 0.5% 40.7% 46.8 46.9 0.1 0.3% 42.0% 55.1 54.5 -0.6 -1.1% 42.0% 53.2 53.2 -0.1-0.1% 42.0% 50.0 50.3 0.3 0.5% 42.0% 46.7 46.8 0.1 0.2% 43.2% 55.0 54.4 -0.6 -1.1% 43.2% 53.2 53.1 -0.1 -0.1% 43.2% 50.0 50.3 0.3 0.6% 43.2% 46.7 46.8 0.1 0.2% 44.4% 54.3 -0.6 -1.0% 44.4% 53.2 53.1 -0.2% 44.4% 50.0 50.3 0.3 0.5% 44.4% 46.7 46.7 0.1 0.2% 45.7% 45.7% 45.7% 54.7 54.1 -0.6 -1.1% 53.1 53.1 -0.1 -0.1% 49.9 50.2 0.3 0.5% 45.7% 46.6 46.7 0.1 0.2% -1.3% 46.9% 54.7 54.0 46.9% 53.1 53.0 -0.2-0.3% 46.9% 49.8 50.2 0.7% 46.9% 46.6 46.7 0.1 0.2% 48.1% 49.4% 54.4 54.0 -0.4 -0.7% 48.1% 53.1 52.9 -0.2 -0.3% 48.1% 49.8 50.1 0.3 0.6% 48.1% 46.6 46.6 0.1 0.2% -0.3-0.6% 49.4% 52.9 -0.2-0.3% 49.4% 49.7 0.7% 49.4% 46.5 46.6 0.1 0.3% 50.6% 50.6% 50.6% 50.6% 54.3 53.9 -0.4 -0.8% 53.1 52.9 -0.2 -0.4% 49.7 50.0 0.3 0.7% 46.5 46.5 0.1 0.2% 51.9% 54.2 54.2 -0.7 -1.3% -1.4% 51.9% 52.8 -0.3 -0.3 -0.5% 49.7 0.7% 51.9% 53.1% 46.4 46.5 0.1 0.2% 53.1% 53.1% 53.1% 53.5 0.4% -0 7 53.1 52.8 -0.6% 49 7 499 0.3 46.3 46.5 55.6% 56.8% 55.6% 55.6% 55.6% 54.2 53.3 -0.8 -1.6% 53.0 52.6 -0.4 -0.7% 49.6 49.7 0.1 0.2% 46.2 46.3 0.2 0.4% 58.0% 58.0% 58.0% 54.1 53.3 -0.8 -1.5% 52.9 52.5 -0.4 -0.7% 49.5 49.5 0.0 0.0% 58.0% 46.1 46.3 0.2 0.3% 60.5% 60.5% 60.5% 54.0 53.2 -0.8 -1.6% 52.9 52.5 -0.4 -0.7% 49.4 49.5 0.1 0.3% 60.5% 46.0 46.2 0.2 0.4% 61.7% -1.4% 61.7% 52.5 63.0% 63.0% 63.0% 63.0% 53.9 53.2 -0.7 -1.3% 52.8 52.3 -0.5 -0.9% 49.0 49.4 0.4 0.8% 46.0 46.1 0.2 0.3% 64.2% 65.4% 53.1 53.1 -1.3% -1.1% 64.2% 65.4% 52.3 52.3 64.2% 65.4% 0.8% 64.2% 65.4% 46.0 46.0 0.1 53.7 -0.6 -0.4 -0.8% 0.2 0.2% 52.7 49.0 49.2 45.9 66.7% 67.9% 53.6 53.5 66.7% 67.9% 52.2 52.2 66.7% 67.9% 0.4% 66.7% 67.9% 53.1 53.0 -0.5 -1.0% -0.5 -0.5 -0.9% 48 9 0.2 45.9 46.0 0.1 0.3% -0.5 52.7 0.2 -0.9% -1.0% 48.9 49.1 45.8 46.0 0.3% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% -0.9% 52.1 48 C 45.8 45 Q 0.1 53.0 52.1 53.5 -0.5 -0.9% 52.6 -0.5 -1.0% 48.9 49.1 0.2 0.4% 45.7 45.9 0.3% 71.6% 53.4 53.0 -0.4 -0.8% -1.1% 71.6% 52.1 -0.5 -1 0% 71.6% 48.8 0.2% 71.6% 45.7 0.0 72.8% 53.4 52.8 -0.6 72.8% 52.5 52.0 -0.6 -1.1% 72.8% 48.8 48.9 0.0 0.1% 72.8% 45.4 45.6 0.2 0.3% -1.2% -1.0% 74.1% 75.3% 74.1% 75.3% 74.1% -0.6 -0.5 1.1% 74.1% 0.0% 45.5 0.2 75.3% -1.0% 75.3% 0.0 45.3 45.5 0.5% 76.5% 53.1 52.6 -0.4 -0.8% 76.5% 52.3 51.9 -0.4 -0.7% 76.5% 48.7 48.8 0.0 0.1% 76.5% 45.2 45.5 0.3 0.6% 77.8% -0.6% 77.8% -0.3 -0.6% 77.8% 0.2% 77.8% 0.3 -0.3 45.4 0.6% 79.0% 52.9 -0.5 -1.0% 79.0% 52.2 51.9 -0.3 -0.6% 79.0% 48.7 48.7 0.1% 79.0% 45.0 45.3 0.3 0.6% 80.2% 52.8 -0.9% 80.2% 51.8 80.2% 48.6 80.2% 52.3 52.1 -0.5% 48.7 0.1 44.9 45.3 0.3 0.8% 81.5% 52.8 52.2 -0.6 -1.0% 81.5% 51.9 51.8 -0.2-0.3% 81.5% 48.5 48.7 0.4% 81.5% 44.9 45.2 0.3 0.6% 82.7% 52.7 52.1 -1.2% 82.7% 51.6 -0.2 -0.4% 82.7% 48.4 48.5 0.1 0.2% 82.7% 44.9 45.0 0.1 0.2% 84.0% 52.7 52.1 -0.6 -1.2% 84.0% 51.8 51.6 -0.2 -0.4% 84.0% 48.4 48.5 0.2% 84.0% 44.8 45.0 0.1 0.3% 85.2% 52.5 52.0 -0.5 -1.0% 85.2% 51.7 51.6 -0.1 -0.2% 85.2% 48.4 48.5 0.1 0.2% 85.2% 44.7 45.0 0.2 0.5% 86.4% 52.4 -1.0% 86.4% 51.6 -0.2% 86.4% 48.3 48.2 -0.3% 86.4% 44.7 44.9 0.3 0.6% 87.7% 52.3 51.8 -0.5 -0.9% 87.7% 51.6 51.5 -0.1 -0.1% 87.7% 48.2 48 1 -0.1 -0.1% 87.7% 44.5 44 9 0.4 1.0% 88.9% 52.2 -0.5 -0.9% 88.9% 51.6 51.5 -0.1 -0.2% 88.9% 48.0 48.1 0.1 0.2% 88.9% 44.8 0.4 0.9% 90.1% 52.2 51.6 -0.6 -1.2% 90.1% 51.4 51.3 -0.1 -0.3% 90.1% 47.8 48.0 0.1 0.2% 90.1% 44.2 44.4 0.2 0.5% 91.4% 51.5 51.4 -0.6% 91.4% 51.2 51.0 91.4% 47.8 91.4% 44.2 44.4 0.2 91.4% 92.6% 92.6% 51.6 -0.2 -0.4% 51.3 -0.2 -0.5% 47.8 47.8 0.1 0.2% 92.6% 44.2 443 0.2% -0.1% 93.8% -0.4 51.0 47.5 93.8% 44.2 51.6 51.2 -0.8% 93.8% 51.0 -0.193.8% 47.8 0.3 0.5% 44.0 0.3 0.6% 95.1% 95.1% 95.1% 95.1% 51.5 50.5 -1.0 -2.0% 50.9 50.8 -0.2 -0.3% 47.0 47.6 0.6 1.3% 43.9 44.2 0.3 0.6% 96.3% 50.4 -1.3% 96.3% 50.8 -0.1% 96.3% 97.5% 46.9 0.6 96.3% 97.5% 43.8 44.0 0.2 0.4% 97.5% 97.5% 0.4% 0.6% 50.6 50.3 -0 3 -0.6% 50.8 50.7 -0.1 -0.3% 46.7 46.8 0.2 43.7 44 0 -0.5% 0.1% 98.8% 100.0% 100.0% 100.0% 100.0% 50.0 49.6 0.0 -0.8% 50.5 50.2 -0.3 -0.5% 46.0 46.6 0.5 1.2% 42.1 42.7 0.5 1.2%

Table SQ-02-7b
Sacramento River below Keswick, Monthly Temperature
Probability of Exceedance

									Probability	of Exceedance									
Percent		February			Percent		March			Percent		April			Percent		May		
Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative
Probability	Monthly Temperature		Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature		Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature		Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)
0.0%	(DEG-F) 48.3	(DEG-F) 48.4	0.1	0.1%	0.0%	(DEG-F) 49.8	(DEG-F) 50.2	0.4	0.7%	(%) 0.0%	(DEG-F) 52.0	(DEG-F) 52.8	0.8	1.5%	(%) 0.0%	(DEG-F) 54.7	(DEG-F) 55.9	1.2	2.2%
1.2%	40.3 47.6	48.2	0.1	1.1%	1.2%	49.6	49.9	0.4	0.4%	1.2%	52.0	52.6	1.5	2.8%	1.2%	54.7 54.6	55.9	0.4	0.8%
2.5%	47.6	47.7	0.1	0.2%	2.5%	49.5	49.8	0.3	0.6%	2.5%	51.1	51.8	0.7	1.5%	2.5%	54.0	53.0	-0.9	-1.7%
3.7%	47.6	47.6	0.0	0.0%	3.7%	49.3	49.6	0.3	0.7%	3.7%	50.9	51.4	0.4	0.8%	3.7%	53.8	52.9	-0.9	-1.6%
4.9% 6.2%	47.1 47.0	47.6	0.5	1.0%	4.9%	49.0 48.9	49.5 49.0	0.4	0.9%	4.9%	50.8	51.1	0.3	0.6%	4.9%	53.4 52.8	52.3 52.2	-1.1	-2.1%
6.2% 7.4%	47.0 47.0	47.5 47.2	0.5	1.0%	6.2% 7.4%	48.9 48.9	49.0	0.1	0.2%	6.2% 7.4%	50.8 50.8	50.9 50.8	0.1	-0.1%	6.2% 7.4%	52.8 52.3	52.2 52.1	-0.6 -0.2	-1.2% -0.4%
8.6%	47.0	47.2	0.2	0.4%	8.6%	48.9	48.9	0.0	0.0%	8.6%	50.8	50.7	-0.1	-0.1%	8.6%	52.1	52.0	-0.1	-0.2%
9.9%	46.9	47.0	0.1	0.3%	9.9%	48.7	48.8	0.1	0.2%	9.9%	50.4	50.6	0.2	0.3%	9.9%	52.0	51.7	-0.3	-0.6%
11.1%	46.8	47.0	0.2	0.4%	11.1%	48.7	48.8	0.1	0.2%	11.1%	50.4	50.6	0.2	0.3%	11.1%	51.9	51.4	-0.5	-1.0%
12.3% 13.6%	46.8 46.8	46.9 46.9	0.1	0.3%	12.3% 13.6%	48.6 48.6	48.7 48.6	0.1	0.3%	12.3% 13.6%	50.3 50.3	50.6 50.4	0.3	0.5%	12.3% 13.6%	51.8 51.6	51.3 51.3	-0.5 -0.3	-0.9% -0.6%
14.8%	46.8	46.8	0.0	0.0%	14.8%	48.6	48.6	0.0	0.1%	14.8%	50.0	50.4	0.1	0.7%	14.8%	51.6	51.3	-0.3	-0.5%
16.0%	46.8	46.8	0.0	0.1%	16.0%	48.5	48.6	0.1	0.2%	16.0%	49.9	50.4	0.5	1.0%	16.0%	51.1	51.1	0.0	-0.1%
17.3%	46.7	46.8	0.0	0.1%	17.3%	48.5	48.6	0.1	0.2%	17.3%	49.9	50.2	0.3	0.7%	17.3%	51.0	51.0	0.0	0.1%
18.5% 19.8%	46.7 46.7	46.8 46.7	0.0	0.1%	18.5% 19.8%	48.4 48.2	48.5 48.5	0.2	0.3%	18.5% 19.8%	49.8 49.8	50.2 50.2	0.4	0.7%	18.5% 19.8%	50.8 50.8	50.9 50.9	0.1	0.3%
21.0%	46.5	46.7	0.0	0.3%	21.0%	48.1	48.5	0.4	0.8%	21.0%	49.7	50.2	0.4	0.7%	21.0%	50.8	50.9	0.2	0.4%
22.2%	46.5	46.6	0.1	0.2%	22.2%	48.1	48.3	0.3	0.5%	22.2%	49.7	50.0	0.3	0.5%	22.2%	50.7	50.9	0.2	0.3%
23.5%	46.5	46.6	0.0	0.1%	23.5%	48.0	48.2	0.2	0.4%	23.5%	49.7	49.9	0.3	0.5%	23.5%	50.6	50.8	0.2	0.4%
24.7% 25.9%	46.5 46.4	46.5 46.5	0.0	0.1% 0.1%	24.7% 25.9%	48.0 48.0	48.1 48.1	0.1	0.3% 0.2%	24.7% 25.9%	49.6 49.5	49.9 49.9	0.3 0.3	0.5% 0.7%	24.7% 25.9%	50.6 50.6	50.8 50.7	0.2	0.4%
25.9% 27.2%	46.4 46.4	46.5 46.5	0.0	0.1%	25.9%	48.0 47.8	48.1	0.1	0.2%	25.9%	49.5 49.5	49.9 49.8	0.3	0.7%	25.9%	50.6	50.7	0.2	0.3%
28.4%	46.4	46.4	0.0	0.1%	28.4%	47.8	47.9	0.1	0.3%	28.4%	49.5	49.8	0.3	0.6%	28.4%	50.5	50.5	0.0	0.1%
29.6%	46.4	46.4	0.0	0.1%	29.6%	47.7	47.9	0.1	0.3%	29.6%	49.5	49.8	0.3	0.6%	29.6%	50.4	50.4	0.0	0.0%
30.9%	46.4	46.4	0.0	0.1%	30.9%	47.7	47.8	0.1	0.2%	30.9%	49.4	49.8	0.4	0.8%	30.9%	50.4	50.3	-0.1	-0.3%
32.1% 33.3%	46.3 46.3	46.4 46.4	0.1 0.1	0.2%	32.1% 33.3%	47.6 47.6	47.8 47.7	0.2	0.4%	32.1% 33.3%	49.4 49.3	49.8 49.7	0.4	0.8%	32.1% 33.3%	50.3 50.3	50.2 50.2	-0.1 -0.1	-0.2% -0.1%
34.6%	46.2	46.4	0.1	0.2%	34.6%	47.5	47.7	0.2	0.4%	34.6%	49.3	49.7	0.4	0.8%	34.6%	50.3	50.2	-0.1	-0.2%
35.8%	46.2	46.4	0.1	0.3%	35.8%	47.5	47.7	0.2	0.4%	35.8%	49.3	49.5	0.3	0.5%	35.8%	50.3	50.2	-0.1	-0.2%
37.0%	46.2	46.3	0.1	0.3%	37.0%	47.5	47.7	0.2	0.5%	37.0%	49.2	49.5	0.3	0.6%	37.0%	50.2	50.1	-0.1	-0.1%
38.3% 39.5%	46.1 46.1	46.2 46.2	0.1	0.2%	38.3% 39.5%	47.4 47.4	47.7 47.6	0.2	0.5%	38.3% 39.5%	49.2 49.2	49.5 49.5	0.3	0.7%	38.3% 39.5%	50.1 50.0	50.0 50.0	-0.1 0.0	-0.2% 0.0%
39.5% 40.7%	46.1 46.0	46.2 46.2	0.2	0.3%	40.7%	47.4 47.4	47.6 47.5	0.1	0.3%	39.5% 40.7%	49.2 49.0	49.5 49.5	0.3	0.7%	39.5% 40.7%	50.0	50.0	0.0	0.0%
42.0%	46.0	46.1	0.1	0.3%	42.0%	47.4	47.5	0.1	0.2%	42.0%	49.0	49.3	0.3	0.6%	42.0%	49.9	49.9	0.0	-0.1%
43.2%	46.0	46.1	0.1	0.2%	43.2%	47.4	47.5	0.1	0.2%	43.2%	49.0	49.3	0.3	0.6%	43.2%	49.9	49.9	0.0	0.0%
44.4%	45.9	45.9	0.1	0.1%	44.4%	47.3	47.4	0.1	0.3%	44.4%	49.0	49.2	0.3	0.6%	44.4%	49.9	49.9	0.0	0.0%
45.7% 46.9%	45.9 45.9	45.9 45.8	0.0 -0.1	0.1%	45.7% 46.9%	47.3 47.3	47.4 47.4	0.1	0.3%	45.7% 46.9%	48.9 48.9	49.2 49.2	0.3	0.6%	45.7% 46.9%	49.9 49.9	49.8 49.8	-0.1 -0.1	-0.2% -0.2%
48.1%	45.8	45.8	0.0	-0.1%	48.1%	47.3	47.3	0.1	0.1%	48.1%	48.9	49.2	0.3	0.5%	48.1%	49.8	49.6	-0.2	-0.4%
49.4%	45.8	45.8	0.0	-0.1%	49.4%	47.3	47.3	0.1	0.1%	49.4%	48.8	49.0	0.2	0.5%	49.4%	49.8	49.6	-0.2	-0.4%
50.6%	45.8	45.8	0.0	0.0%	50.6%	47.2	47.3	0.1	0.2%	50.6%	48.7	49.0	0.3	0.6%	50.6%	49.8	49.6	-0.2	-0.4%
51.9% 53.1%	45.8 45.8	45.8 45.8	0.0	0.0%	51.9% 53.1%	47.2 47.2	47.3 47.3	0.1 0.1	0.2% 0.2%	51.9% 53.1%	48.6 48.6	49.0 49.0	0.3 0.4	0.7% 0.7%	51.9% 53.1%	49.8 49.6	49.6 49.5	-0.2 0.0	-0.3% -0.1%
54.3%	45.6 45.7	45.6 45.7	0.0	-0.1%	54.3%	47.2	47.3	0.1	0.2%	53.1%	46.6 48.6	49.0	0.4	0.7%	54.3%	49.6 49.6	49.5 49.5	-0.1	-0.1%
55.6%	45.7	45.7	0.0	-0.1%	55.6%	47.0	47.2	0.2	0.4%	55.6%	48.5	48.9	0.4	0.8%	55.6%	49.6	49.4	-0.1	-0.3%
56.8%	45.7	45.7	0.0	0.0%	56.8%	47.0	47.2	0.2	0.5%	56.8%	48.5	48.9	0.4	0.8%	56.8%	49.5	49.4	-0.1	-0.2%
58.0%	45.6	45.6	0.0	0.1%	58.0%	47.0	47.2	0.2	0.4%	58.0%	48.5	48.9	0.3	0.7%	58.0%	49.5	49.4	-0.1	-0.1%
59.3% 60.5%	45.6 45.5	45.6 45.6	0.0	0.1%	59.3% 60.5%	46.9 46.8	47.1 47.1	0.3 0.4	0.6%	59.3% 60.5%	48.5 48.5	48.9 48.8	0.3 0.3	0.7%	59.3% 60.5%	49.4 49.3	49.4 49.2	0.0 -0.1	-0.1% -0.3%
61.7%	45.5	45.6	0.1	0.2%	61.7%	46.7	46.9	0.4	0.3%	61.7%	48.5	48.8	0.3	0.6%	61.7%	49.2	49.2	0.0	-0.3%
63.0%	45.5	45.5	0.0	0.1%	63.0%	46.7	46.7	0.0	0.1%	63.0%	48.4	48.7	0.3	0.5%	63.0%	49.2	49.1	-0.1	-0.1%
64.2%	45.5	45.5	0.0	0.1%	64.2%	46.7	46.7	0.0	0.0%	64.2%	48.4	48.7	0.3	0.5%	64.2%	49.1	49.1	0.0	0.0%
65.4%	45.4 45.3	45.5 45.5	0.1	0.3%	65.4%	46.7 46.6	46.7 46.6	0.0	0.0%	65.4%	48.4 48.4	48.6 48.6	0.2	0.4%	65.4% 66.7%	49.1 49.1	49.1 49.0	0.0	0.0%
66.7% 67.9%	45.3 45.3	45.5 45.4	0.1	0.3%	66.7% 67.9%	46.4	46.5	0.0	0.0%	66.7% 67.9%	48.4	48.5	0.2	0.4%	67.9%	49.1	49.0	-0.1 -0.1	-0.2% -0.2%
69.1%	45.2	45.4	0.1	0.3%	69.1%	46.4	46.5	0.1	0.2%	69.1%	48.3	48.5	0.2	0.3%	69.1%	49.0	48.9	-0.1	-0.2%
70.4%	45.2	45.3	0.1	0.3%	70.4%	46.3	46.4	0.1	0.3%	70.4%	48.3	48.4	0.1	0.2%	70.4%	48.9	48.9	-0.1	-0.2%
71.6%	45.2	45.2	0.0	0.1%	71.6%	46.3	46.4	0.1	0.2%	71.6%	48.3	48.4	0.1	0.2%	71.6%	48.9	48.8	0.0	-0.1%
72.8% 74.1%	45.1 45.0	45.2 45.1	0.1	0.2%	72.8% 74.1%	46.3 46.2	46.4 46.3	0.1	0.2%	72.8% 74.1%	48.3 48.2	48.4 48.4	0.1	0.3%	72.8% 74.1%	48.9 48.8	48.8 48.8	0.0	-0.1% 0.0%
75.3%	45.0	45.1	0.1	0.2%	75.3%	46.2	46.3	0.1	0.2%	75.3%	48.2	48.4	0.2	0.4%	75.3%	48.8	48.7	-0.1	-0.2%
76.5%	44.9	45.0	0.1	0.2%	76.5%	46.2	46.2	0.0	0.0%	76.5%	48.1	48.4	0.2	0.4%	76.5%	48.8	48.7	0.0	-0.1%
77.8%	44.9	44.9	0.0	0.1%	77.8%	46.1	46.2	0.0	0.0%	77.8%	48.1	48.4	0.2	0.5%	77.8%	48.8	48.7	0.0	-0.1%
79.0%	44.6	44.9	0.3	0.6%	79.0%	46.1	46.2	0.0	0.1%	79.0%	47.9	48.3	0.4	0.8%	79.0%	48.6	48.7	0.1	0.3%
80.2% 81.5%	44.6 44.5	44.7 44.6	0.1	0.1%	80.2% 81.5%	46.1 46.1	46.2 46.1	0.1	0.1% 0.1%	80.2% 81.5%	47.9 47.8	48.3 48.2	0.4	0.8%	80.2% 81.5%	48.5 48.5	48.7 48.6	0.2	0.4% 0.4%
82.7%	44.5	44.6	0.0	0.1%	82.7%	46.0	46.1	0.0	0.1%	82.7%	47.8	48.2	0.4	0.8%	82.7%	48.4	48.6	0.2	0.4%
84.0%	44.5	44.5	0.0	0.0%	84.0%	45.9	46.0	0.1	0.3%	84.0%	47.7	48.0	0.4	0.8%	84.0%	48.3	48.4	0.1	0.2%
85.2%	44.3	44.5	0.2	0.4%	85.2%	45.8	46.0	0.2	0.5%	85.2%	47.6	48.0	0.3	0.7%	85.2%	48.3	48.4	0.1	0.2%
86.4% 87.7%	44.3 44.2	44.4 44.3	0.2	0.3%	86.4% 87.7%	45.7 45.7	45.8 45.8	0.1	0.2%	86.4% 87.7%	47.4 47.4	48.0 47.9	0.5 0.5	1.1% 1.1%	86.4% 87.7%	48.3 48.3	48.3 48.2	0.0 -0.1	-0.1% -0.2%
87.7%	44.2 44.2	44.3 44.2	0.1	0.3%	87.7%	45.7 45.6	45.8 45.7	0.1	0.2%	87.7% 88.9%	47.4 47.3	47.9 47.7	0.5	0.9%	87.7%	48.3 48.2	48.2	-0.1	-0.2%
90.1%	44.0	44.0	0.0	0.0%	90.1%	45.6	45.7	0.1	0.1%	90.1%	47.2	47.5	0.4	0.6%	90.1%	48.2	48.0	-0.3	-0.5%
91.4%	44.0	44.0	0.0	0.0%	91.4%	45.6	45.5	-0.1	-0.2%	91.4%	47.1	47.3	0.2	0.4%	91.4%	48.1	47.9	-0.1	-0.3%
92.6%	44.0	44.0	0.0	0.1%	92.6%	45.4	45.4	0.0	0.0%	92.6%	47.1	47.1	-0.1	-0.1%	92.6%	47.9	47.8	-0.1	-0.3%
93.8% 95.1%	43.9 43.9	44.0 43.9	0.1	0.1% 0.0%	93.8% 95.1%	45.4 45.3	45.4 45.4	0.0	0.0%	93.8% 95.1%	47.0 46.9	47.0 47.0	0.0 0.1	0.1% 0.1%	93.8% 95.1%	47.8 47.8	47.8 47.7	0.0 -0.1	-0.1% -0.1%
95.1% 96.3%	43.9	43.9	0.0	0.0%	95.1% 96.3%	45.3 45.0	45.4 45.0	0.1	0.1%	95.1% 96.3%	46.9 46.6	47.0	-0.2	-0.3%	95.1% 96.3%	47.8 47.8	47.7	-0.1	-0.1%
97.5%	43.6	43.6	0.0	0.0%	97.5%	44.8	45.0	0.1	0.3%	97.5%	46.4	46.4	0.0	0.0%	97.5%	47.7	47.6	-0.1	-0.2%
98.8%	43.4	43.5	0.1	0.3%	98.8%	44.8	44.9	0.1	0.1%	98.8%	46.3	46.4	0.1	0.3%	98.8%	47.6	47.6	0.0	0.0%
100.0%	43.1	43.1	0.0	0.0%	100.0%	44.7	44.7	0.0	0.0%	100.0%	46.0	46.0	0.0	-0.1%	100.0%	46.6	46.7	0.1	0.1%

Table SQ-02-7b
Sacramento River below Keswick, Monthly Temperature
Probability of Exceedance

									Probability	of Exceedance									
Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative
Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)
0.0%	(DEG-F) 55.6	(DEG-F) 55.7	0.1	0.2%	(%) 0.0%	(DEG-F) 59.9	(DEG-F) 59.1	-0.8	-1.3%	(%) 0.0%	(DEG-F) 65.2	(DEG-F) 63.6	-1.6	-2.5%	0.0%	(DEG-F) 67.6	(DEG-F) 65.7	-1.9	-2.8%
1.2%	55.5	54.9	-0.6	-1.1%	1.2%	57.4	56.5	-0.9	-1.6%	1.2%	64.5	59.6	-4.9	-7.6%	1.2%	65.9	65.1	-0.8	-1.2%
2.5%	55.0	54.3	-0.8	-1.4%	2.5%	56.5	56.2	-0.3	-0.5%	2.5%	63.6	59.3	-4.3	-6.8%	2.5%	65.4	64.4	-1.0	-1.5%
3.7%	54.8	54.2	-0.6	-1.0%	3.7%	56.4	55.8	-0.6	-1.0%	3.7%	62.3	55.7	-6.6	-10.6%	3.7%	65.1	64.2	-0.9	-1.4%
4.9% 6.2%	54.5 53.9	54.2 53.7	-0.3 -0.2	-0.5% -0.4%	4.9% 6.2%	56.3 56.2	55.6 55.5	-0.7 -0.6	-1.2% -1.1%	4.9% 6.2%	58.7 57.0	55.4 55.4	-3.3 -1.6	-5.6% -2.9%	4.9% 6.2%	64.3 62.7	61.3 61.1	-3.0 -1.5	-4.6% -2.5%
7.4%	53.5	53.4	-0.1	-0.4%	7.4%	55.9	55.3	-0.7	-1.2%	7.4%	55.9	54.9	-1.0	-1.8%	7.4%	62.6	58.8	-3.9	-6.2%
8.6%	53.3	53.3	0.0	0.0%	8.6%	55.4	55.1	-0.3	-0.6%	8.6%	55.7	54.6	-1.2	-2.1%	8.6%	59.4	58.1	-1.3	-2.3%
9.9%	52.1	52.5	0.4	0.8%	9.9%	55.2	55.0	-0.2	-0.3%	9.9%	55.5	54.5	-1.1	-1.9%	9.9%	58.5	57.3	-1.2	-2.1%
11.1% 12.3%	52.1 52.0	52.2 52.2	0.1	0.2%	11.1% 12.3%	54.8 54.6	53.8 52.9	-1.0 -1.7	-1.9% -3.1%	11.1% 12.3%	55.3 54.8	54.4 54.2	-0.8 -0.6	-1.5% -1.1%	11.1% 12.3%	58.0 57.8	56.9 56.5	-1.1 -1.3	-1.9% -2.2%
13.6%	51.9	52.1	0.2	0.4%	13.6%	53.7	52.7	-1.0	-1.9%	13.6%	54.4	54.0	-0.4	-0.7%	13.6%	57.3	56.4	-0.8	-1.4%
14.8%	51.8	52.1	0.3	0.7%	14.8%	53.1	52.5	-0.6	-1.1%	14.8%	54.1	54.0	-0.2	-0.3%	14.8%	57.2	56.3	-1.0	-1.7%
16.0%	51.6	52.0	0.4	0.8%	16.0%	52.8	52.3	-0.5	-0.9%	16.0%	54.0	53.8	-0.1	-0.2%	16.0%	57.1	56.2	-0.9	-1.6%
17.3% 18.5%	51.4 51.4	51.6 51.5	0.2	0.3%	17.3% 18.5%	52.5 52.3	52.2 52.2	-0.3 -0.1	-0.6% -0.2%	17.3% 18.5%	53.9 53.9	53.8 53.7	-0.2 -0.2	-0.3% -0.3%	17.3% 18.5%	56.8 56.7	56.2 56.1	-0.6 -0.5	-1.1% -1.0%
19.8%	51.2	51.5	0.2	0.3%	19.8%	52.3	52.2	-0.1	-0.2%	19.8%	53.6	53.5	-0.2	-0.3%	19.8%	56.5	55.5	-1.0	-1.8%
21.0%	51.2	51.3	0.1	0.3%	21.0%	52.2	52.2	0.0	0.0%	21.0%	53.6	53.4	-0.2	-0.3%	21.0%	56.5	55.2	-1.3	-2.3%
22.2%	51.1	51.1	0.0	-0.1%	22.2%	52.2	52.1	0.0	-0.1%	22.2%	53.5	53.4	-0.2	-0.3%	22.2%	56.4	55.1	-1.3	-2.2%
23.5%	51.1 51.0	51.1	0.0	0.0%	23.5%	52.1 52.1	52.1 52.1	0.0	-0.1%	23.5% 24.7%	53.4 53.4	53.2 53.2	-0.2	-0.4% -0.4%	23.5%	55.8 55.6	55.1 55.0	-0.7	-1.3%
24.7% 25.9%	51.0 51.0	51.0 51.0	0.0	0.0%	24.7% 25.9%	52.1 52.0	52.1 52.1	0.0	0.0% 0.1%	25.9%	53.4	53.2	-0.2 -0.2	-0.4%	24.7% 25.9%	55.5 55.5	55.0 54.9	-0.6 -0.5	-1.0% -1.0%
27.2%	50.9	51.0	0.1	0.2%	27.2%	52.0	52.1	0.1	0.2%	27.2%	53.4	53.2	-0.2	-0.3%	27.2%	55.4	54.9	-0.5	-0.8%
28.4%	50.9	50.9	0.0	0.0%	28.4%	52.0	52.0	0.0	0.1%	28.4%	53.3	53.2	-0.1	-0.2%	28.4%	55.3	54.9	-0.4	-0.8%
29.6%	50.9	50.9	0.0	0.1%	29.6%	51.9	51.9	0.0	0.1%	29.6%	53.3	53.1	-0.2	-0.4%	29.6%	55.3	54.8	-0.4	-0.8%
30.9% 32.1%	50.8 50.8	50.9 50.8	0.1	0.1%	30.9% 32.1%	51.9 51.9	51.9 51.8	0.0	0.1% -0.1%	30.9% 32.1%	53.2 53.2	53.0 53.0	-0.2 -0.2	-0.3% -0.3%	30.9% 32.1%	55.3 55.1	54.8 54.7	-0.5 -0.4	-0.9% -0.7%
33.3%	50.8	50.8	0.0	0.0%	33.3%	51.8	51.8	0.0	0.0%	33.3%	53.2	52.9	-0.2	-0.5%	33.3%	54.9	54.5	-0.4	-0.7%
34.6%	50.8	50.8	0.1	0.1%	34.6%	51.8	51.8	0.0	0.0%	34.6%	53.1	52.8	-0.3	-0.6%	34.6%	54.9	54.3	-0.6	-1.1%
35.8%	50.7	50.8	0.1	0.2%	35.8%	51.8	51.7	-0.1	-0.1%	35.8%	53.1	52.8	-0.3	-0.6%	35.8%	54.8	54.3	-0.5	-0.9%
37.0% 38.3%	50.7 50.6	50.7 50.7	0.0	0.0%	37.0% 38.3%	51.7 51.7	51.7 51.7	-0.1 -0.1	-0.1% -0.1%	37.0% 38.3%	53.0 53.0	52.7 52.7	-0.3 -0.3	-0.6% -0.5%	37.0% 38.3%	54.7 54.7	54.2 54.0	-0.5 -0.7	-1.0% -1.3%
39.5%	50.6	50.7	0.0	0.1%	39.5%	51.7	51.7	-0.1	-0.1%	39.5%	53.0	52.7	-0.3	-0.5%	39.5%	54.6	54.0	-0.6	-1.1%
40.7%	50.6	50.5	-0.1	-0.2%	40.7%	51.7	51.6	0.0	0.0%	40.7%	52.9	52.6	-0.3	-0.6%	40.7%	54.6	54.0	-0.6	-1.1%
42.0%	50.5	50.4	-0.1	-0.2%	42.0%	51.6	51.6	0.0	0.0%	42.0%	52.9	52.6	-0.3	-0.6%	42.0%	54.5	53.9	-0.6	-1.1%
43.2% 44.4%	50.5 50.5	50.4 50.4	-0.1 -0.1	-0.2% -0.2%	43.2% 44.4%	51.6 51.6	51.5 51.5	-0.1 -0.1	-0.1% -0.1%	43.2% 44.4%	52.9 52.8	52.4 52.3	-0.5 -0.6	-1.0% -1.1%	43.2% 44.4%	54.4 54.4	53.9 53.8	-0.5 -0.6	-1.0% -1.2%
44.4% 45.7%	50.5	50.4	-0.1	-0.2%	44.4% 45.7%	51.6 51.5	51.5 51.5	-0.1	-0.1% -0.1%	44.4%	52.8 52.7	52.3 52.2	-0.6	-1.1%	44.4% 45.7%	54.4 54.4	53.8	-0.6	-1.2% -1.2%
46.9%	50.5	50.4	-0.1	-0.3%	46.9%	51.5	51.4	-0.1	-0.2%	46.9%	52.7	52.2	-0.5	-0.9%	46.9%	54.4	53.7	-0.7	-1.2%
48.1%	50.5	50.4	-0.1	-0.3%	48.1%	51.5	51.4	0.0	-0.1%	48.1%	52.7	52.2	-0.4	-0.8%	48.1%	54.2	53.7	-0.5	-1.0%
49.4%	50.5	50.4	-0.1	-0.3%	49.4%	51.4	51.4	0.0	0.0%	49.4%	52.6	52.2	-0.4	-0.8%	49.4%	54.1	53.7	-0.4	-0.7%
50.6% 51.9%	50.4 50.4	50.3 50.3	-0.1 -0.1	-0.2% -0.2%	50.6% 51.9%	51.4 51.4	51.4 51.3	-0.1 -0.1	-0.1% -0.2%	50.6% 51.9%	52.6 52.5	52.2 52.2	-0.4 -0.3	-0.8% -0.7%	50.6% 51.9%	54.0 53.9	53.7 53.5	-0.3 -0.4	-0.6%
53.1%	50.4	50.3	-0.1	-0.2%	53.1%	51.3	51.3	0.0	0.0%	53.1%	52.5	52.1	-0.4	-0.7%	53.1%	53.8	53.5	-0.3	-0.6%
54.3%	50.3	50.3	-0.1	-0.1%	54.3%	51.3	51.3	0.0	0.0%	54.3%	52.5	52.1	-0.4	-0.7%	54.3%	53.8	53.5	-0.3	-0.6%
55.6%	50.3	50.3	-0.1	-0.2%	55.6%	51.3	51.3	0.0	0.0%	55.6%	52.4	52.0	-0.3	-0.6%	55.6%	53.7	53.4	-0.3	-0.6%
56.8% 58.0%	50.3 50.3	50.3 50.2	-0.1	-0.1%	56.8% 58.0%	51.3 51.3	51.3 51.3	0.0	0.0%	56.8% 58.0%	52.2 52.2	52.0 52.0	-0.2	-0.3%	56.8% 58.0%	53.7 53.6	53.4 53.3	-0.3	-0.6% -0.6%
59.3%	50.2	50.2	-0.1 -0.1	-0.2% -0.3%	59.3%	51.3	51.3	0.0	0.1%	59.3%	52.2	52.0	-0.1 -0.1	-0.2% -0.3%	59.3%	53.5	53.2	-0.3 -0.2	-0.6%
60.5%	50.2	50.1	-0.1	-0.1%	60.5%	51.2	51.3	0.1	0.1%	60.5%	52.2	52.0	-0.2	-0.3%	60.5%	53.5	53.0	-0.5	-0.9%
61.7%	50.1	50.1	0.0	-0.1%	61.7%	51.2	51.2	0.1	0.2%	61.7%	52.1	52.0	-0.2	-0.3%	61.7%	53.4	52.9	-0.5	-0.9%
63.0%	50.0	50.1	0.0	0.1%	63.0%	51.1	51.2	0.1	0.2%	63.0%	52.1	52.0	-0.2	-0.3%	63.0%	53.4	52.9	-0.5	-0.9%
64.2% 65.4%	50.0 50.0	50.0 50.0	0.1 0.0	0.1% 0.1%	64.2% 65.4%	51.1 51.1	51.2 51.2	0.1 0.1	0.2% 0.3%	64.2% 65.4%	52.1 52.1	52.0 52.0	-0.1 -0.1	-0.2% -0.2%	64.2% 65.4%	53.4 53.3	52.9 52.9	-0.5 -0.4	-0.9% -0.8%
66.7%	50.0	50.0	0.0	0.1%	66.7%	51.1	51.2	0.1	0.2%	66.7%	52.1	52.0	-0.1	-0.2%	66.7%	53.3	52.7	-0.4	-1.0%
67.9%	49.9	50.0	0.0	0.1%	67.9%	51.1	51.1	0.1	0.1%	67.9%	52.0	51.9	-0.1	-0.1%	67.9%	53.2	52.6	-0.7	-1.3%
69.1%	49.9	50.0	0.0	0.1%	69.1%	51.1	51.1	0.1	0.1%	69.1%	52.0	51.9	-0.1	-0.1%	69.1%	53.2	52.6	-0.7	-1.3%
70.4% 71.6%	49.9 49.9	49.9 49.9	0.1	0.1%	70.4% 71.6%	51.0 51.0	51.1 51.1	0.1	0.1%	70.4% 71.6%	52.0 52.0	51.9 51.9	-0.1 -0.1	-0.1% -0.1%	70.4% 71.6%	53.2 53.2	52.6 52.5	-0.7 -0.7	-1.2% -1.2%
72.8%	49.9	49.9	0.0	0.1%	72.8%	51.0	51.1	0.0	0.1%	72.8%	51.9	51.9	-0.1	-0.1%	71.8%	53.2	52.5	-0.7	-1.2%
74.1%	49.8	49.7	0.0	-0.1%	74.1%	51.0	51.0	0.0	0.1%	74.1%	51.9	51.9	-0.1	-0.1%	74.1%	53.1	52.5	-0.6	-1.1%
75.3%	49.8	49.7	-0.1	-0.1%	75.3%	51.0	51.0	0.0	0.1%	75.3%	51.9	51.8	-0.1	-0.1%	75.3%	53.0	52.5	-0.5	-1.0%
76.5% 77.8%	49.7 49.7	49.7 49.7	0.0	-0.1% 0.0%	76.5% 77.8%	51.0 51.0	51.0 51.0	0.0	0.1%	76.5% 77.8%	51.8 51.8	51.8 51.8	0.0	-0.1% -0.1%	76.5% 77.8%	53.0 53.0	52.5 52.5	-0.5 -0.5	-0.9% -0.9%
77.8%	49.7	49.7	0.0	0.0%	77.8%	51.0 51.0	51.0 51.0	0.0	0.0%	77.8%	51.8 51.8	51.8 51.7	0.0	-0.1%	77.8%	53.0 52.9	52.5 52.4	-0.5 -0.5	-0.9%
80.2%	49.6	49.6	0.0	-0.1%	80.2%	50.9	51.0	0.0	0.1%	80.2%	51.8	51.7	0.0	-0.1%	80.2%	52.9	52.4	-0.5	-1.0%
81.5%	49.6	49.6	0.0	0.0%	81.5%	50.9	51.0	0.1	0.1%	81.5%	51.7	51.7	0.0	0.0%	81.5%	52.8	52.3	-0.5	-1.0%
82.7%	49.6	49.6	0.0	0.0%	82.7%	50.9	50.9	0.0	0.0%	82.7%	51.7	51.7	0.0	0.0%	82.7%	52.8	52.2	-0.6	-1.1%
84.0% 85.2%	49.5 49.5	49.5 49.5	0.0	0.0%	84.0% 85.2%	50.9 50.8	50.9 50.8	0.0 -0.1	0.1%	84.0% 85.2%	51.6 51.6	51.7 51.6	0.0	0.0%	84.0% 85.2%	52.6 52.6	52.2 52.1	-0.5 -0.5	-0.9% -1.0%
86.4%	49.4	49.5	0.0	0.2%	86.4%	50.8	50.7	-0.1	-0.2%	86.4%	51.5	51.6	0.0	0.3%	86.4%	52.6	52.0	-0.6	-1.1%
87.7%	49.4	49.4	0.1	0.1%	87.7%	50.8	50.7	-0.1	-0.2%	87.7%	51.4	51.6	0.2	0.3%	87.7%	52.5	51.9	-0.5	-1.0%
88.9%	49.3	49.3	0.0	0.1%	88.9%	50.7	50.6	0.0	-0.1%	88.9%	51.4	51.5	0.0	0.1%	88.9%	52.4	51.9	-0.5	-1.0%
90.1%	49.3 49.2	49.3 49.1	0.0	0.0%	90.1%	50.6	50.6	0.0	-0.1%	90.1%	51.4	51.5	0.1	0.1%	90.1%	52.2 52.2	51.8	-0.5	-0.9%
91.4% 92.6%	49.2 49.1	49.1 49.1	-0.1 0.0	-0.1% 0.0%	91.4% 92.6%	50.6 50.6	50.6 50.5	0.0	-0.1% -0.1%	91.4% 92.6%	51.4 51.4	51.5 51.5	0.1 0.1	0.1% 0.1%	91.4% 92.6%	52.2 51.7	51.7 51.6	-0.5 -0.1	-1.0% -0.2%
93.8%	49.1	49.0	0.0	-0.1%	93.8%	50.5	50.5	0.0	0.0%	93.8%	51.3	51.4	0.0	0.1%	93.8%	51.5	51.3	-0.3	-0.5%
95.1%	48.8	48.8	0.0	0.1%	95.1%	50.5	50.5	0.0	-0.1%	95.1%	51.2	51.3	0.1	0.2%	95.1%	51.5	51.3	-0.3	-0.5%
96.3%	48.7	48.8	0.1	0.1%	96.3%	50.4	50.3	-0.1	-0.2%	96.3%	51.1	51.3	0.2	0.4%	96.3%	51.2	51.2	0.0	0.1%
97.5% 98.8%	48.6 48.5	48.7 48.6	0.1 0.1	0.3% 0.1%	97.5% 98.8%	50.3 50.1	50.2 50.0	-0.1 0.0	-0.1% -0.1%	97.5% 98.8%	51.0 50.9	51.2 51.2	0.2 0.2	0.4%	97.5% 98.8%	51.1 50.5	50.8 50.5	-0.3 -0.1	-0.7% -0.1%
100.0%	48.4	48.4	0.0	0.1%	100.0%	49.9	49.9	0.0	0.0%	100.0%	50.8	51.2	0.2	0.4%	100.0%	50.5	50.5	-0.1	-0.1%
.00.073			5.0	2.070	100.070	.5.0		3.0	2.370	100.070	20.0	21.0	J.L.	/0	100.070	50.0		5.0	2.370

Table SQ-03-7a Sacramento River at Balls Ferry, Monthly Temperature Long-term Average and Average by Water Year Type

					Mon	thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	55.0	51.6	47.2	45.0	46.0	48.7	51.5	53.4	53.4	54.3	55.4	56.6
Alternative C	54.5	51.4	47.5	45.3	46.0	48.7	51.9	53.3	53.4	54.2	55.0	56.1
Difference	-0.5	-0.2	0.2	0.2	0.0	0.1	0.4	0.0	0.0	-0.1	-0.4	-0.5
Percent Difference ³	-0.9%	-0.4%	0.5%	0.5%	0.1%	0.1%	0.9%	0.0%	0.0%	-0.2%	-0.7%	-0.9%
				Water Y	ear Types	2						
Net (32%)												
No Action Alternative	54.4	52.0	47.3	44.9	45.6	47.7	50.7	53.1	53.2	54.1	54.6	54.6
Alternative C	54.1	51.9	47.7	45.1	45.6	47.8	50.8	52.8	53.0	54.2	54.7	54.4
Difference	-0.2	-0.1	0.4	0.1	0.0	0.1	0.1	-0.3	-0.1	0.1	0.1	-0.2
Percent Difference	-0.4%	-0.2%	0.8%	0.3%	0.1%	0.1%	0.3%	-0.6%	-0.2%	0.2%	0.1%	-0.39
Above Normal (15%)												
No Action Alternative	53.8	51.3	47.7	45.3	46.0	48.9	51.9	53.7	52.5	53.1	54.8	55.4
Alternative C	53.4	51.3	48.1	45.5	46.0	48.9	52.2	53.4	52.7	53.1	54.8	55.4
Difference	-0.4	-0.1	0.4	0.2	0.0	0.0	0.3	-0.3	0.2	0.0	0.0	0.0
Percent Difference	-0.8%	-0.2%	0.8%	0.5%	0.0%	0.1%	0.5%	-0.6%	0.4%	0.0%	0.0%	-0.19
Below Normal (17%)												
No Action Alternative	53.5	51.0	47.5	45.0	45.7	48.6	51.9	53.4	53.0	53.5	54.3	56.0
Alternative C	53.1	50.8	47.7	45.2	45.7	48.6	52.4	53.5	53.1	53.4	54.4	55.6
Difference	-0.4	-0.2	0.1	0.2	0.0	0.0	0.5	0.1	0.1	-0.1	0.0	-0.4
Percent Difference	-0.8%	-0.3%	0.2%	0.4%	0.0%	0.1%	1.0%	0.1%	0.1%	-0.2%	0.0%	-0.89
Dry (22%)												
No Action Alternative	55.3	51.8	47.2	45.1	46.2	49.3	51.8	53.0	53.5	53.8	55.3	57.4
Alternative C	54.5	51.3	47.2	45.5	46.2	49.4	52.5	53.2	53.6	53.8	54.7	56.7
Difference	-0.8	-0.4	0.0	0.4	0.0	0.1	0.7	0.2	0.1	0.0	-0.5	-0.8
Percent Difference	-1.4%	-0.8%	0.0%	0.8%	0.0%	0.2%	1.3%	0.4%	0.3%	0.0%	-0.9%	-1.49
Critical (15%)												
lo Action Alternative	58.8	51.6	46.4	45.1	46.8	49.6	51.7	54.1	55.2	57.3	59.1	61.7
Alternative C	57.8	51.4	46.7	45.3	46.9	49.7	52.5	54.4	55.1	56.5	57.0	60.3
Difference	-0.9	-0.3	0.3	0.2	0.1	0.1	0.8	0.4	-0.1	-0.8	-2.0	-1.4
Percent Difference	-1.6%	-0.5%	0.6%	0.5%	0.3%	0.2%	1.6%	0.7%	-0.2%	-1.4%	-3.5%	-2.29

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



Figure SQ-03-7b Sacramento River at Balls Ferry, Monthly Temperature Probability of Exceedance

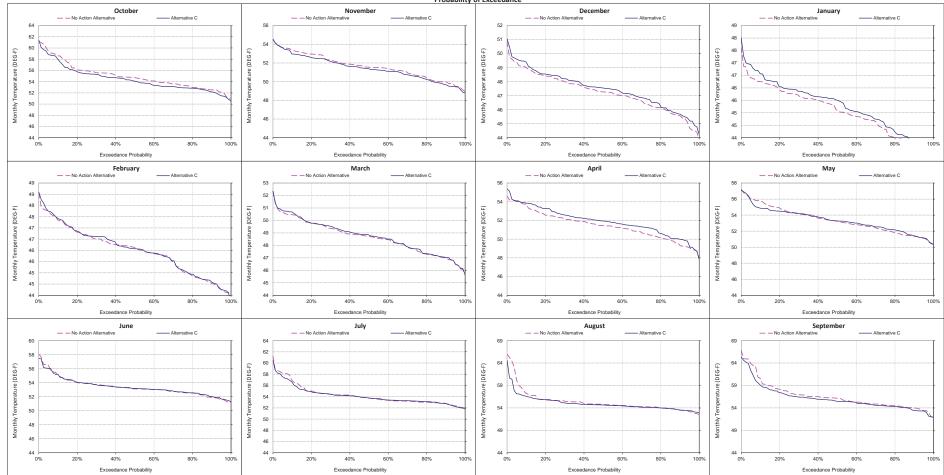


Table SQ-03-7b Sacramento River at Balls Ferry, Monthly Temperature Probability of Exceedance

Decembe

January

Novembe

Octobe

Percent Percent Percent Percent No Action Alternative Alternative C Absolute Relative Exceedance Relative Relative Relative Exceedance Difference Difference Difference Difference Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG-F) (DEG.E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% 0.0% 61.2 61.4 0.3 0.4% 0.0% 54.5 0.0% 50.9 51.0 0.4% 48.0 0.8% 1.2% 61.0 60.1 -0.9 -1.5% 1.2% 54.1 54.1 0.0 0.0% 1.2% 49.7 50.5 0.7 1.5% 1.2% 46.9 47.3 0.4 0.9% 2.5% 60.7 59.7 -1.6% 2.5% 54.0 53.9 -0.3% 2.5% 49.6 49.8 0.3% 2.5% 46.8 47.0 0.4% 3.7% 3.7% 60.1 59.5 -0.7 -1.1% 3.7% 53.7 53.8 0.1 0.1% 3.7% 49.4 49.7 0.3 0.6% 46.5 47.0 0.5 1.1% 4.9% 59.5 58.9 -0.6 -1.0% 4.9% 53.7 53.6 0.0 0.0% 4.9% 49.4 49.6 0.5% 4.9% 46.4 46.9 0.5 1.1% 6.2% 6.2% 6.2% 6.2% 59.1 58.7 -0.4 -0.6% 53.6 53.4 -0.1 -0.3% 49.1 49.5 0.4 0.8% 46.4 46.8 0.4 0.9% 7.4% -0.4-0.7% -0.5% 7.4% 53.4 -0.2-0.3% 7.4% 49.1 0.4 0.8% 7.4% 46.3 46.7 0.4 0.8% 8.6% 8.6% 8.6% 8.6 · . 9.9% 11.1% 12.3% 8.6% 58.9 58.6 -0.3 53.5 53.4 -0.2 -0.3% 49 1 49.5 0.4 0.8% 46.3 46.7 1.0% 9.9% 0.8% 11.1% 12.3% 58.6 57.5 -1.0 -1.8% 11.1% 53.3 52.9 -0.4 -0.7% 11.1% 48.9 49.1 0.2 0.5% 46.2 46.6 0.3 0.7% 13.6% 13.6% 13.6% 0.3% 57.9 56.5 -13 -2 3% 53.2 529 -0 3 -0.6% 48.7 48 9 0.2 0.3% 46.2 46.3 0.1 16.0% 16.0% 16.0% 16.0% 57.3 56.2 -1.1 -1.9% 53.1 52.8 -0.3 -0.5% 48.5 48.7 0.2 0.3% 46.1 46.3 0.2 0.4% 18.5% 18.5% -0.5% 18.5% 0.2% 18.5% 0.5% 56.4 56.0 -0.4 -0.8% 53.0 52.7 -0.3 48.5 48.6 0.1 46.0 46.2 0.2 19.8% 21.0% 56.1 56.1 -0.3 -0.5 -0.5% 52.6 52.5 -0.4 -0.4 19.8% 0.1 19.8% 21.0% 0.1 21.0% 55.6 -0.8% 52.9 -0.8% 48.4 48.5 0.2% 45.9 46.0 0.4% 22.2% 23.5% 55.5 55.5 -0.9% 22.2% 23.5% 52.5 -0.8% 22.2% 23.5% 22.2% 23.5% 46.0 0.1 52.5 -0.4 0.1 56.0 -0.5 -0.9% 52.9 -0.8% 48.4 48.4 0.2% 45.8 46.0 0.4% 24.7% 25.9% -0.9% -0.9% 24.7% 25.9% 24.7% 25.9% 0.5% 24.7% 25.9% 45.9 45.9 55.9 52.5 -0.8% 48.2 48.4 45.8 0.2 0.4% 55.9 -0.5 52.8 52.5 -0.4 -0.7% 48.4 0.2 0.4% 55.4 48.2 45.8 27.2% 28.4% 27.2% 28.4% 27.2% 28.4% 55.8 55.3 -0.9% 27.2% 52.4 52.4 0.1% 48 1 48.4 45.8 45.9 0.2 55.8 55.3 -0.5 -0.9% 28.4% 52.3 52.3 -0.1 -0.1% 48.1 0.2 0.4% 45.7 0.2 0.4% 48.2 45.9 29.6% 30.9% -0.5% -0.5% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 55.6 55.6 -0.3 -0.3 52.2 52.1 -0.1 -0.2 -0.2% -0.3% 0.2 0.4% 45.9 45.9 0.2 0.3% 47.9 45.6 32.1% 55.6 55.0 -0.5 -1.0% 32.1% 52.2 52.0 -0.2% 32.1% 47.9 48.1 0.2 0.5% 32.1% 45.6 45.8 0.2 0.5% 33.3% 55.6 -0.6 -1.1% 33.3% 52.0 -0.2% 33.3% 47.8 0.2 0.5% 33.3% 45.8 0.2 0.5% 34.6% 55.5 -0.7 -1.2% 34.6% 52.0 51.9 -0.1 -0.2% 34.6% 47.8 48.1 0.2 0.4% 34.6% 45.6 45.8 0.2 0.5% 35.8% -1.3% 35.8% 51.9 -0.2% 35.8% 0.2 35.8% 0.1 55.5 0.4% 45.7 0.3% 37.0% 55.4 54.7 -0.7-1.2% 37.0% 51.9 51.8 -0.1-0.2% 37.0% 47.8 48.0 0.2 0.4% 37.0% 45.6 45.7 0.1 0.3% 38.3% 55.4 54.7 -1.2% 38.3% 51.7 38.3% 47.7 38.3% 45.7 0.1 47.9 0.4% 0.2% 39.5% 55.2 54.7 -0.5 -0.9% 39.5% 51.9 51.6 -0.2 -0.4% 39.5% 47.7 47.7 0.1 0.1% 39.5% 45.5 45.6 0.1 0.3% 40.7% 55.0 54.6 -0.3 -0.6% 40.7% 51.9 51.6 -0.2 -0.4% 40.7% 47.6 47.7 0.2 0.3% 40.7% 45.5 45.6 0.2 0.4% 0.2 42.0% 54.9 54.6 -0.2-0.4% 42.0% 51.8 51.6 -0.2-0.4% 42.0% 47.5 47.6 0.1 0.3% 42.0% 45.5 45.6 0.4% 43.2% 54.8 54.6 -0.2 -0.4% 43.2% 51.8 51.6 -0.2 -0.3% 43.2% 47.5 47.6 0.2 0.4% 43.2% 45.4 45.6 0.2 0.5% 44.4% -0.3 -0.6% 44.4% 51.7 51.6 -0.2 -0.3% 44.4% 47.4 47.6 0.4% 44.4% 45.4 45.6 0.2 0.5% 45.7% 45.7% 45.7% 54.8 54.3 -0.5 -0.9% 51.7 51.5 -0.2 -0.5% 47.4 47.6 0.2 0.4% 45.7% 45.4 45.6 0.2 0.4% 46.9% 54.8 54.3 -0.9% 46.9% 51.6 51.4 -0.2-0.4% 46.9% 47.3 47.6 0.3 0.6% 46.9% 45.3 45.6 0.2 0.5% 48.1% 49.4% 54.8 54.3 -0.5 -0.9% 48.1% 51.6 51.4 -0.2 -0.3% 48.1% 47.3 47.6 0.3 0.6% 48.1% 45.3 45.6 0.2 0.5% -0.6-1.2% 49.4% 51.4 -0.3% 49.4% 47.3 47.6 0.6% 49.4% 45.1 45.5 0.4 0.9% 50.6% 50.6% 50.6% 54.7 54.1 -0.6 -1.1% 51.5 51.3 -0.2 -0.4% 47.3 47.5 0.3 0.6% 50.6% 45.1 45.5 0.4 1.0% 51.9% -0.7 -1.2% -1.4% 51.9% 51.3 51.3 -0.2 -0.2 -0.5% 47.2 0.3 0.6% 51.9% 53.1% 45.0 45.4 0.4 0.9% 53.1% 53.1% 53.1% 54.5 53.8 -0.8 51.5 -0.4% 47.2 475 45.0 45.4 0.8% 55.6% 56.8% 55.6% 55.6% 55.6% 54.3 53.7 -0.6 -1.1% 51.5 51.2 -0.2 -0.5% 47.1 47.4 0.3 0.7% 45.0 45.2 0.2 0.4% 58.0% 58.0% 58.0% 54.1 53.6 -0.5 -1.0% 51.5 51.2 -0.3 -0.5% 47.0 47.4 0.3 0.7% 58.0% 44.9 45.1 0.2 0.4% 60.5% 60.5% 60.5% 54.1 53.4 -0.8 -1.4% 51.4 51.1 -0.3 -0.5% 47.0 47.2 0.2 0.3% 60.5% 44.8 45.0 0.2 0.4% 61.7% 61.7% 45.0 63.0% 63.0% 53.9 63.0% 51.1 63.0% 0.1 53.2 -0.6 -1.2% 51.2 -0.1 -0.3% 46.9 47.2 0.2 0.5% 44.8 45.0 0.3% 64.2% 65.4% 53.1 53.1 -1.3% -1.2% 64.2% 65.4% 51.1 51.0 -0.2% -0.4% 64.2% 65.4% 0.5% 64.2% 65.4% 0.2 53.8 -0.7 51.2 -0.2 46.8 47.1 0.3 44.7 44.9 0.4% 66.7% 67.9% 53.8 53.7 -1.2% -1.2% 66.7% 67.9% 66.7% 67.9% 66.7% 67.9% 53.1 53.1 51.0 -n 2 -0.4% 46.8 0.2 0.4% 44 9 0.2 0.4% 50.8 -0.2 0.2 51.1 44.7 44.9 -0.6 -0.6% 46.7 46.9 0.5% 0.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% -1.0% 50.8 0.4% 44.7 44.8 0.1 53.1 -1.0% 53.6 -0.5 50.9 50.7 -0.2 -0.4% 46.6 46.8 0.3 0.6% 44.6 44.7 0.3% 71.6% 53.6 53.1 -0.5 -1.0% -1.0% 71.6% 50.8 50.7 -n 2 -0.3% 71.6% 46.4 46.8 0.4 0.8% 71.6% 44 5 447 0.3 0.6% 72.8% 53.5 -0.5 72.8% 50.8 50.6 -0.2 -0.3% 72.8% 46.4 46.8 0.3 0.7% 72.8% 44.4 44.7 0.3 0.6% 74.1% 75.3% -0.8% -0.2% -0.2% 74.1% 75.3% 74.1% 74.1% 0.9% 44.3 44.6 0.3 75.3% 75.3% 46.2 0.3 0.2% 76.5% 53.3 52.9 -0.4 -0.8% 76.5% 50.6 50.5 -0.3% 76.5% 46.2 46.5 0.3 0.6% 76.5% 44.1 44.4 0.3 0.8% 77.8% -0.7% 77.8% -0.4% 77.8% 0.3 0.7% 77.8% 0.3 53.2 50.4 46.2 44.4 0.8% 79.0% 53.0 -0.2 -0.3% 79.0% 50.6 50.3 -0.3 -0.5% 79.0% 46.1 46.4 0.3 0.7% 79.0% 44.0 44.3 0.3 0.7% 80.2% 53.0 -0.2% 80.2% 50.2 80.2% 46.1 80.2% 44.2 -0.3% 46.2 0.0 44.0 0.2 0.4% 81.5% 53.0 52.8 -0.2-0.3% 81.5% 50.2 50.2 -0.2% 81.5% 46.1 46.1 0.2% 81.5% 44.0 44.1 0.1 0.3% 82.7% 52.9 52.7 -0.3% 82.7% 50.0 -0.3% 82.7% 46.1 0.4% 82.7% 44.0 44.1 0.1 0.3% 84.0% 52.8 -0.1 -0.3% 84.0% 50.1 49.9 -0.1 -0.2% 84.0% 45.9 45.9 0.0 0.0% 84.0% 43.9 44.1 0.2 0.4% 85.2% 52.7 52.5 -0.2 -0.3% 85.2% 50.1 49.9 -0.1 -0.3% 85.2% 45.7 45.9 0.2 0.4% 85.2% 43.8 44.1 0.3 0.6% 86.4% 52.7 52.5 -0.4% 86.4% 50.0 49.9 -0.3% 86.4% 45.7 45.8 0.3% 86.4% 43.7 44.0 0.3 0.7% 87.7% 52.7 52.5 -0.2 -0.4% 87.7% 50.0 49.8 -0.2 -0.3% 87.7% 45.6 45.8 0.1 0.3% 87.7% 43.7 43.9 0.3 0.6% 88.9% 52.5 52.2 -0.3 -0.6% 88.9% 50.0 49.7 -0.3 -0.5% 88.9% 45.6 45.7 0.1 0.3% 88.9% 43.7 43.9 0.2 0.4% 90.1% 52.5 52.2 -0.4 -0.7% 90.1% 50.0 49.7 -0.3 -0.6% 90.1% 45.6 45.7 0.1 0.3% 90.1% 43.7 43.8 0.1 0.3% 91.4% 52.1 -0.8% 91.4% 49.8 49.5 -0.6% 91.4% 45.4 91.4% 43.7 43.8 0.1 0.2 91.4% 92.6% 92.6% 52.5 51.9 -0.6 -1.1% 49.8 49.5 -0.3 -0.6% 45.4 45.5 0.3% 92.6% 43.6 43.7 0.1% 93.8% 52.2 -1.0% 49.5 -0.5% 93.8% 51.7 -0.593.8% 49.7 -0.293.8% 45.1 45.4 0.3 0.7% 43.3 43.7 0.3 0.8% 95.1% 95.1% 95.1% 95.1% 52.1 51.5 -0.7 -1.3% 49.4 49.5 0.1 0.1% 44.7 45.2 0.5 1.2% 43.3 43.6 0.3 0.7% 96.3% 51.4 -0.6 -1.2% -0.2% 96.3% 49.4 49.5 0.1% 96.3% 97.5% 44.5 0.6 1.5% 96.3% 97.5% 42.9 43.4 0.5 1.2% 97.5% 97.5% -0.2 -0.4% 0.2% 51.3 51.2 -0.1 493 491 44 5 449 0.8% 42 9 43.0 -0.5% -0.5% 44.4 0.8% 98.8% 100.0% 100.0% 100.0% 100.0% 50.8 50.5 -0.6% 48.9 48.8 -0.3% 43.7 44.2 0.5 1.2% 42.5 42.6 0.2 0.4%

Table SQ-03-7b Sacramento River at Balls Ferry, Monthly Temperature Probability of Exceedance

Part										Probability	of Exceedance									
The column	Doroont		February			Doroont		March			Doroont		April			Doroont		May		
Table Part		No Action Alternative	Alternative C		Relative		No Action Alternative	Alternative C		Relative		No Action Alternative	Alternative C		Relative		No Action Alternative	Alternative C		Relative
Section Column					Difference (%)	Probability									Difference (%)	Probability				
Part	(%)				0.40/	(%)				0.00/	(%)				4 40/	(%)				0.00/
Angle	1.2%				0.1%	1.2%					1.2%					1.2%				0.3%
Color	2.5%	47.8	48.1			2.5%		51.0		0.1%	2.5%		54.3			2.5%				0.1%
Column																				
Top																				
The column																				
10																			-0.9	
15				0.1	0.2%									0.1						-1.7%
Section 197 467 501 501 504 504 504 504 505 504 505																				
140																				
18.00				0.1						-0.2%	14.8%								-0.5	
1.00	16.0%			0.1	0.1%	16.0%		50.0	0.0	0.0%	16.0%	52.9	53.4	0.5		16.0%	55.1	54.6	-0.5	-0.9%
10																				
1																				
27. 67.																				
24.75	22.2%	46.7	46.7			22.2%					22.2%			0.7			54.7		-0.2	-0.4%
2.50, 44	23.5%										23.5%	52.5								
272 465	24.7%			-0.1		24.7%			0.0	-0.1%	24.7%		52.9	0.5		24.7%	54.4		-0.1	-0.2%
24.00 44.5																				
200 465			46.6	0.1					0.2	0.4%	28.4%	52.3	52.6	0.3					-0.1	
22.15	29.6%	46.5	46.6	0.1	0.2%	29.6%	49.4	49.5	0.2	0.4%	29.6%	52.2	52.6	0.4	0.8%	29.6%	54.2	54.2	0.0	0.0%
1.50 1.50	30.9%					30.9%		49.5	0.1		30.9%	52.1	52.6			30.9%	54.2	54.1		
340											32.1%									
300% 64 465 61 63% 30% 641 622 61 0.0% 30% 368 623 0.4 0.0% 30																				
1939 462 464 0.1 0.95 9.89 469 461 0.2 0.45 9.89 9.89 4.89											35.8%									
300% 403 404 0.1 0.2% 300% 403 401 0.2 0.0% 300% 513 522 0.4 0.7% 300% 527 0.3 0.2 0.7% 40.2 0.2% 40.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0																				
407% 463 442 00 0 0 10 1 0 10 0 10 0 10 0 10 0 1				0.1		38.3%			0.2	0.4%	38.3%			0.4	0.7%	38.3%				
400 462 462 00 -0.15 420 462 00 -0.15 420 462 00 -0.15 420 00 -0.15 42																				
4.27% 46.2 46.2 10.0 0.0 0.15% 43.5% 48.8 48.0 0.0 0.1 0.2% 44.5% 51.7 52.1 0.4 0.0% 43.2% 53.5 53.6 0.1 0.2% 44.5% 42.2 44.1 0.1 0.21% 44.5% 43.4 48.0 0.0 0.1% 44.5% 51.8 52.0 0.4 0.0% 43.5% 53.1 53.3 0.0 0.2% 44.5% 51.6 52.0 0.5 1.0% 51.0 0.0%											42.0%					42.0%		53.7		
4.67% 46.2 46.1 0.1 0.27% 48.8 48.9 0.0 0.7% 46.9% 51.8 52.0 0.4 0.67% 53.4 53.4 0.0 0.0% 46.9% 19.1 5.0 50.0 0.5 1.0% 46.9% 53.3 53.0 0.0 0.0% 46.9% 46.9% 46.2 46.1 0.1 0.27% 46.9% 46.9% 51.4 51.9 0.5 1.0% 46.9% 53.3 53.3 0.0 0.0 0.1% 46.9% 46.1 0.0 0.0 0.5% 46.9% 46.1 0.0 0.0 0.5% 46.9% 46.1 0.0 0.0 0.5% 46.9% 46.1 0.0 0.0 0.5% 46.9% 46.1 0.0 0.0 0.5% 46.9% 46.1 0.0 0.0 0.5% 46.9% 46.1 0.0 0.0 0.5% 46.9% 46.1 0.0 0.0 0.5% 46.9% 46.1 0.0 0.0 0.5% 46.9% 46.1 0.0 0.0 0.5% 46.9% 46.1 0.0 0.0 0.5% 46.9% 46.1 0.0 0.0 0.5% 46.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0				0.0						0.2%	43.2%					43.2%		53.6		0.2%
46.0% 46.2 46.1 -0.1 -0.2% 48.9% 48.8 48.9 0.1 0.2% 46.9% 51.5 02.0 0.5 10.0% 46.9% 53.3 53.3 0.0 -0.1% 48.1% 51.8 42.2 46.1 -0.1 -0.2% 48.1% 51.8 52.0 10.5 10.0% 48.5% 53.3 53.3 0.0 -0.1% 50.0% 48.1% 51.8 42.2 46.1 -0.1 -0.2% 48.1% 51.8 50.0% 48.1% 51.8 50.0% 48.1% 51.8 50.0% 48.1% 51.8 50.0% 48.1% 51.8 50.0% 48.1% 51.8 50.0% 48.1% 51.8 50.0% 48.1% 51.8 50.0% 48.1% 51.9 51.0 51.0 51.0 51.0 51.0 51.0 51.0 51.0				-0.1						0.1%										
481% 402 441 0.1 0.2 0.1 0.2% 481% 488 449 0.1 0.2% 481% 51.5 52.0 0.5 1.0% 481% 53.3 53.3 0.0 0.0% 51.6% 51.6 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1											45.7%									
49-5, 46-1 46-1 0-1 0-1% 49-5, 49-7, 48-9 0-1 0-3% 49-6, 51-3 0-5 1-0% 49-5, 53-3 53.3 0-0 0-1% 51-5,																				
\$19% 460 461 00 0 01% \$19% 487 487 01 01% \$19% \$14 \$19 0.5 09% \$19% \$31 \$32 01 02% \$33% \$46 0 461 00 0 01% \$31% 488 487 01 02% \$33% \$14 \$19 05 09% \$519% \$31 \$32 01 02% \$36% \$48 0 481 00 0 00% \$56% 488 488 01 02% \$36% 513 \$18 0.5 09% \$56% \$29 \$32 02 04% \$36.60% \$48 0 00 00% \$56.60% 485 486 01 01% \$56.60% \$13 \$18 0.5 09% \$56.60% \$29 \$32 02 04% \$36.60% \$48 0 00 00% \$56.60% 485 486 01 01% \$56.60% \$13 \$18 0.5 09% \$56.60% \$29 \$32 02 04% \$36.60% \$48 0 00 00% \$56.60% \$56.60% \$	49.4%	46.1	46.1	-0.1		49.4%	48.7	48.9	0.1	0.3%	49.4%	51.4	51.9	0.5	1.0%	49.4%	53.3	53.3	0.0	0.1%
\$31% \$40 \$45 \$0 \$0 \$0 \$0 \$0 \$0 \$5.3% \$48 \$6 \$437 \$0.1 \$0.2% \$5.1% \$5.1 \$5.2 \$0.2 \$0.3% \$5.2% \$40.0 \$0.00 \$0.																				
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56.9% 45.9 45.9 0.0 0.0% 56.9% 48.5 48.6 0.1 0.1% 56.9% 51.3 51.7 0.5 0.9% 56.9% 52.9 53.1 0.2 0.4% 56.9% 45.9 0.0 0.0% 58.9% 48.5 48.6 0.1 0.2% 58.0% 51.2 51.7 0.4 0.9% 58.0% 52.9 53.1 0.2 0.4% 56.9% 51.9 51.0 0.0% 58.0% 51.2 51.7 0.4 0.9% 58.0% 52.9 53.1 0.2 0.4% 56.0% 51.0 0.0% 59.0% 59.0 59.0 59.0 59.0 59.0 59.0 59.0 59.0																				
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60.5% 45.9 45.9 0.0 0.0% 60.5% 48.5 0.1 0.1% 60.5% 51.2 51.6 0.4 0.8% 60.5% 52.8 53.0 0.2 0.4% 61.7% 45.8 45.9 0.0 0.1% 61.7% 43.3 48.5 0.2 0.3% 61.7% 51.1 51.5 0.4 0.8% 61.7% 52.7 52.9 0.2 0.2% 63.0% 48.8 45.8 0.0 0.0 0.0% 68.30% 48.2 48.3 0.0 0.1% 62.0% 62				0.0	0.0%				0.1	0.2%				0.4					0.2	0.4%
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93.8% 44.4 44.3 -0.1 -0.1% 93.8% 48.8 48.8 0.0 0.0% 93.8% 49.2 49.8 0.6 1.3% 93.8% 51.1 51.2 0.1 0.2% 95.1% 44.2 44.2 0.0 0.1% 95.1% 46.5 46.5 0.0 0.0% 95.1% 49.1 49.2 0.1 0.2% 95.1% 51.1 51.1 0.0 0.1% 96.3% 44.2 44.2 0.1 0.2% 96.3% 46.4 46.4 0.0 0.1% 96.3% 48.9 49.1 0.3 0.5% 96.3% 51.0 51.1 0.1 0.2% 97.5% 44.1 44.2 0.1 0.1% 97.5% 46.1 46.2 0.1 0.1% 97.5% 48.8 48.9 0.1 0.1% 97.5% 50.6 50.8 0.1 0.2% 98.8% 44.1 44.1 0.0 0.0% 98.8% 46.1 46.1 0.1 0.1% 98.8% 48.7 48.7 48.7 0.0 0.0% 98.8% 50.5 50.4 -0.1 -0.1%	91.4%			0.0	0.1%	91.4%				0.3%	91.4%			0.7	1.4%	91.4%			0.0	0.0%
95.1% 44.2 44.2 0.0 0.1% 95.1% 46.5 46.5 0.0 0.0% 95.1% 49.1 49.2 0.1 0.2% 95.1% 51.1 51.1 0.0 0.1% 95.3% 44.2 44.2 0.1 0.2% 96.3% 46.4 46.4 0.0 0.1% 96.5% 48.9 49.1 0.3 0.5% 96.3% 51.0 51.1 0.1 0.2% 97.5% 44.1 44.2 0.1 0.1% 97.5% 46.1 46.2 0.1 0.1% 97.5% 48.8 48.9 0.1 0.1% 97.5% 50.6 50.8 0.1 0.2% 98.8% 44.1 44.1 0.0 0.0% 98.8% 46.1 46.1 0.1 0.1% 98.8% 48.7 48.7 0.0 0.0% 98.8% 50.5 50.4 0.1 0.2%																				
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97.5% 44.1 44.2 0.1 0.1% 97.5% 46.1 46.2 0.1 0.1% 97.5% 48.8 48.9 0.1 0.1% 97.5% 50.6 50.8 0.1 0.2% 98.8% 44.1 44.1 0.0 0.0% 98.8% 46.1 46.1 0.1 0.1% 98.8% 48.7 48.7 0.0 0.0% 98.8% 50.5 50.4 -0.1 -0.1%																				
	97.5%			0.1	0.1%				0.1	0.1%	97.5%			0.1					0.1	0.2%
100.0% 43.4 43.4 0.0 0.0% 100.0% 45.6 45.6 0.0 0.0% 100.0% 47.8 47.8 0.0 0.0% 100.0% 50.4 50.3 -0.1 -0.1%																				
	100.0%	43.4	43.4	0.0	0.0%	100.0%	45.6	45.6	0.0	0.0%	100.0%	47.8	47.8	0.0	0.0%	100.0%	50.4	50.3	-0.1	-0.1%

Table SQ-03-7b Sacramento River at Balls Ferry, Monthly Temperature Probability of Exceedance

August

Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance		Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative
Probability		Monthly Temperature	(DEG-F)	Difference (%)	Probability		Monthly Temperature	(DEG-F)	Difference (%)	Probabilit			(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F) 58.1	(DEG-F) 57.5	-0.6	-1.0%	(%) 0.0%	(DEG-F) 61.2	(DEG-F) 60.4	-0.8	-1.3%	0.0%	(DEG-F) 66.0	(DEG-F) 64.6	-1.4	0.40/	(%) 0.0%	(DEG-F) 66.8	(DEG-F) 65.4	-1.5	-2.2%
0.0% 1.2%	57.7	57.5 57.4	-0.8	-0.5%	1.2%	58.7	58.7	0.0	0.0%	1.2%	65.2	60.6	-1.4	-2.1% -7.1%	1.2%	65.0	64.6	-0.4	-0.6%
2.5%	56.6	56.2	-0.5	-0.8%	2.5%	58.7	58.2	-0.5	-0.8%	2.5%	64.5	60.4	-4.1	-6.3%	2.5%	64.9	64.2	-0.7	-1.1%
3.7%	56.6	56.1	-0.5	-0.9%	3.7%	58.5	58.1	-0.4	-0.6%	3.7%	63.1	57.9	-5.2	-8.3%	3.7%	64.9	63.9	-1.0	-1.6%
4.9%	56.5	56.0	-0.5	-0.9%	4.9%	58.2	57.6	-0.6	-1.1%	4.9%	60.2	57.2	-3.0	-5.0%	4.9%	63.9	62.4	-1.5	-2.4%
6.2% 7.4%	55.7 55.5	56.0 55.4	0.3 -0.1	0.5%	6.2% 7.4%	58.1 58.1	57.3 57.2	-0.8 -0.9	-1.4% -1.6%	6.2% 7.4%	59.0 58.6	57.1 56.9	-1.9 -1.7	-3.2% -2.9%	6.2% 7.4%	63.5 63.4	61.3 60.1	-2.2 -3.2	-3.4% -5.1%
7.4% 8.6%	55.5 55.5	55.4 55.2	-0.1	-0.5%	7.4% 8.6%	58.1 57.8	56.9	-0.9	-1.5%	7.4% 8.6%	58.6 57.7	56.7	-1.7	-2.9% -1.8%	8.6%	60.9	59.6	-3.2	-5.1% -2.1%
9.9%	55.0	55.2	0.2	0.3%	9.9%	56.9	56.6	-0.3	-0.5%	9.9%	57.2	56.6	-0.6	-1.1%	9.9%	60.6	59.1	-1.5	-2.4%
11.1%	54.9	54.8	-0.1	-0.2%	11.1%	56.5	56.0	-0.5	-0.9%	11.1%	57.0	56.4	-0.6	-1.0%	11.1%	59.3	58.6	-0.7	-1.1%
12.3%	54.7	54.7	0.1	0.1%	12.3%	56.4	55.8	-0.6	-1.1%	12.3%	56.8	56.4	-0.4	-0.7%	12.3%	59.3	58.6	-0.7	-1.1%
13.6% 14.8%	54.4 54.4	54.5 54.5	0.1	0.1%	13.6%	56.1 55.7	55.4	-0.8	-1.4% -0.7%	13.6% 14.8%	56.8 56.7	56.1 56.0	-0.7	-1.2%	13.6%	58.9 58.9	58.4 58.0	-0.5	-0.9%
16.0%	54.4	54.5	0.1	0.3%	14.8% 16.0%	55.7	55.3 55.2	-0.4 -0.4	-0.7%	16.0%	56.0	55.9	-0.7 0.0	-1.2% -0.1%	14.8% 16.0%	58.9	58.0	-0.9 -0.9	-1.5% -1.5%
17.3%	54.3	54.4	0.0	0.1%	17.3%	55.0	55.1	0.0	0.1%	17.3%	55.9	55.9	0.0	0.0%	17.3%	58.3	57.8	-0.6	-1.0%
18.5%	54.1	54.2	0.1	0.2%	18.5%	55.0	55.0	-0.1	-0.1%	18.5%	55.8	55.9	0.0	0.1%	18.5%	58.3	57.8	-0.5	-0.9%
19.8%	54.1	54.0	-0.1	-0.1%	19.8%	55.0	54.9	-0.1	-0.2%	19.8%	55.8	55.9	0.1	0.1%	19.8%	58.2	57.4	-0.7	-1.3%
21.0%	54.0 53.9	54.0 54.0	0.1	0.1%	21.0% 22.2%	55.0 54.7	54.7 54.7	-0.2 0.0	-0.5%	21.0% 22.2%	55.7 55.7	55.8 55.8	0.1	0.2%	21.0% 22.2%	58.1 57.8	57.3 57.1	-0.8 -0.7	-1.4% -1.2%
23.5%	53.9	53.9	0.1	0.1%	23.5%	54.7 54.7	54.7 54.7	0.0	-0.1%	23.5%	55.7 55.7	55.8 55.6	0.1	0.2% -0.1%	23.5%	57.8 57.8	57.1 57.0	-0.7	-1.2% -1.4%
24.7%	53.9	53.9	-0.1	-0.1%	24.7%	54.6	54.6	0.0	0.0%	24.7%	55.7	55.6	0.0	-0.1%	24.7%	57.4	56.7	-0.8	-1.3%
25.9%	53.9	53.9	0.0	0.0%	25.9%	54.5	54.6	0.0	0.1%	25.9%	55.6	55.6	0.0	0.0%	25.9%	57.2	56.7	-0.6	-1.0%
27.2%	53.8	53.9	0.0	0.1%	27.2%	54.5	54.6	0.0	0.0%	27.2%	55.6	55.5	-0.1	-0.2%	27.2%	57.1	56.6	-0.6	-1.0%
28.4%	53.8	53.8	0.0	0.0%	28.4%	54.5	54.5	-0.1	-0.1%	28.4%	55.6	55.2	-0.4	-0.7%	28.4%	57.0	56.5	-0.4	-0.8%
29.6% 30.9%	53.7 53.7	53.7 53.6	0.0 -0.1	0.1% -0.1%	29.6% 30.9%	54.5 54.4	54.5 54.4	0.0	0.0%	29.6% 30.9%	55.6 55.4	55.2 55.0	-0.4 -0.4	-0.7% -0.7%	29.6% 30.9%	56.9 56.9	56.4 56.4	-0.5 -0.5	-0.9% -0.9%
32.1%	53.7	53.6	-0.1	-0.1%	32.1%	54.3	54.2	-0.1	-0.2%	32.1%	55.4	55.0	-0.4	-0.7%	32.1%	56.9	56.4	-0.5	-0.9%
33.3%	53.6	53.6	0.0	-0.1%	33.3%	54.3	54.2	-0.1	-0.2%	33.3%	55.4	55.0	-0.4	-0.6%	33.3%	56.8	56.3	-0.5	-0.9%
34.6%	53.6	53.6	0.0	0.0%	34.6%	54.3	54.2	-0.1	-0.2%	34.6%	55.4	55.0	-0.4	-0.6%	34.6%	56.6	56.2	-0.4	-0.6%
35.8% 37.0%	53.5 53.5	53.5 53.5	0.0	-0.1%	35.8% 37.0%	54.3 54.3	54.2 54.2	-0.1 -0.1	-0.2% -0.2%	35.8% 37.0%	55.3 55.3	55.0 54.9	-0.4 -0.4	-0.7% -0.8%	35.8% 37.0%	56.6 56.5	56.2 56.2	-0.4 -0.4	-0.7% -0.6%
37.0%	53.5	53.5	-0.1	-0.2%	37.0%	54.3 54.3	54.2 54.2	-0.1	-0.2%	38.3%	55.3 55.3	54.9 54.8	-0.4	-0.8%	37.0%	56.5 56.5	56.2 56.1	-0.4	-0.6%
39.5%	53.5	53.4	-0.1	-0.1%	39.5%	54.3	54.2	-0.1	-0.2%	39.5%	55.1	54.7	-0.3	-0.6%	39.5%	56.5	55.9	-0.4	-1.0%
40.7%	53.4	53.3	0.0	-0.1%	40.7%	54.2	54.1	-0.1	-0.1%	40.7%	54.9	54.7	-0.2	-0.4%	40.7%	56.4	55.9	-0.5	-0.9%
42.0%	53.4	53.3	0.0	0.0%	42.0%	54.1	54.1	0.0	0.0%	42.0%	54.9	54.7	-0.2	-0.3%	42.0%	56.3	55.8	-0.5	-0.8%
43.2%	53.3	53.3	0.0	0.0%	43.2%	54.1	54.0	0.0	0.0%	43.2%	54.9	54.7	-0.1	-0.3%	43.2%	56.3	55.8	-0.5	-0.8%
44.4% 45.7%	53.3 53.3	53.3 53.3	0.0	0.1%	44.4% 45.7%	54.0 53.9	54.0 53.9	0.0	0.0% -0.1%	44.4% 45.7%	54.9 54.8	54.7 54.7	-0.1 -0.1	-0.3% -0.3%	44.4% 45.7%	56.3 56.2	55.8 55.8	-0.5 -0.5	-0.8% -0.9%
46.9%	53.2	53.3	0.1	0.1%	46.9%	53.9	53.9	0.0	-0.1%	46.9%	54.8	54.7	-0.1	-0.3%	46.9%	56.2	55.7	-0.5	-0.9%
48.1%	53.1	53.2	0.1	0.1%	48.1%	53.8	53.8	0.0	0.0%	48.1%	54.8	54.7	-0.2	-0.3%	48.1%	56.2	55.6	-0.6	-1.0%
49.4%	53.1	53.2	0.1	0.1%	49.4%	53.8	53.8	0.0	-0.1%	49.4%	54.8	54.6	-0.2	-0.3%	49.4%	56.2	55.5	-0.7	-1.2%
50.6%	53.1	53.2	0.1	0.1%	50.6%	53.7	53.7	0.0	0.0%	50.6%	54.7	54.6	-0.1	-0.2%	50.6%	56.1	55.5	-0.6	-1.1%
51.9% 53.1%	53.1 53.1	53.2 53.1	0.1	0.1%	51.9% 53.1%	53.7 53.6	53.7 53.7	0.0	0.0%	51.9% 53.1%	54.7 54.7	54.6 54.5	-0.2 -0.2	-0.3% -0.4%	51.9% 53.1%	56.1 55.7	55.5 55.5	-0.6 -0.2	-1.0% -0.4%
54.3%	53.1	53.1	0.0	0.1%	54.3%	53.6	53.7	0.1	0.2%	54.3%	54.6	54.5	-0.2	-0.2%	54.3%	55.7	55.4	-0.2	-0.6%
55.6%	53.1	53.1	0.0	0.1%	55.6%	53.5	53.7	0.2	0.3%	55.6%	54.6	54.5	-0.1	-0.2%	55.6%	55.6	55.4	-0.2	-0.4%
56.8%	53.1	53.1	0.0	0.1%	56.8%	53.4	53.5	0.1	0.2%	56.8%	54.6	54.5	-0.1	-0.2%	56.8%	55.4	55.3	-0.1	-0.2%
58.0%	53.0	53.0	0.0	0.0%	58.0%	53.4	53.5	0.1	0.1%	58.0%	54.6	54.5	-0.1	-0.1%	58.0%	55.3	55.3	0.0	0.0%
59.3% 60.5%	53.0 53.0	53.0 53.0	0.0	0.0%	59.3% 60.5%	53.4 53.3	53.4 53.4	0.0	0.0%	59.3% 60.5%	54.6 54.5	54.5 54.4	-0.1 -0.1	-0.2% -0.2%	59.3% 60.5%	55.3 55.3	55.3 55.0	0.0 -0.3	0.0% -0.6%
61.7%	53.0	53.0	0.0	0.0%	61.7%	53.3	53.4	0.1	0.1%	61.7%	54.5	54.4	-0.1	-0.3%	61.7%	55.3	55.0	-0.3	-0.5%
63.0%	53.0	53.0	0.0	0.0%	63.0%	53.3	53.4	0.1	0.2%	63.0%	54.5	54.3	-0.1	-0.2%	63.0%	55.2	55.0	-0.3	-0.5%
64.2%	53.0	53.0	0.0	0.0%	64.2%	53.2	53.4	0.1	0.2%	64.2%	54.4	54.3	-0.1	-0.1%	64.2%	55.1	54.9	-0.2	-0.3%
65.4%	52.9	53.0	0.1	0.1%	65.4%	53.2	53.3	0.1	0.2%	65.4%	54.3	54.3	-0.1	-0.1%	65.4%	55.0	54.9	-0.1	-0.2%
66.7% 67.9%	52.9 52.8	52.9 52.8	0.1	0.1%	66.7% 67.9%	53.2 53.2	53.3 53.3	0.1	0.1%	66.7% 67.9%	54.3 54.3	54.2 54.2	-0.1 -0.1	-0.1% -0.1%	66.7% 67.9%	55.0 54.9	54.8 54.7	-0.2 -0.2	-0.4% -0.3%
69.1%	52.7	52.8	0.1	0.1%	69.1%	53.2	53.3	0.1	0.1%	69.1%	54.3	54.2	-0.1	-0.2%	69.1%	54.9	54.6	-0.2	-0.5%
70.4%	52.7	52.8	0.0	0.1%	70.4%	53.2	53.3	0.1	0.2%	70.4%	54.3	54.2	-0.1	-0.2%	70.4%	54.8	54.6	-0.3	-0.5%
71.6%	52.7	52.7	0.0	0.0%	71.6%	53.2	53.3	0.1	0.2%	71.6%	54.3	54.2	-0.1	-0.2%	71.6%	54.8	54.5	-0.3	-0.6%
72.8% 74.1%	52.6 52.6	52.7 52.7	0.0	0.1%	72.8% 74.1%	53.1 53.1	53.2 53.2	0.1	0.2%	72.8% 74.1%	54.2 54.2	54.1 54.1	-0.1 -0.1	-0.2% -0.2%	72.8% 74.1%	54.7 54.7	54.5 54.5	-0.3 -0.2	-0.5% -0.3%
74.1% 75.3%	52.6 52.6	52.7	0.1	0.1%	74.1% 75.3%	53.1	53.2	0.1	0.2%	74.1% 75.3%	54.2 54.2	54.1 54.1	-0.1	-0.2%	74.1% 75.3%	54.7 54.6	54.5 54.4	-0.2	-0.3%
76.5%	52.5	52.6	0.1	0.1%	76.5%	53.0	53.2	0.2	0.3%	76.5%	54.2	54.1	-0.1	-0.2%	76.5%	54.5	54.4	-0.2	-0.3%
77.8%	52.5	52.6	0.0	0.1%	77.8%	53.0	53.2	0.1	0.3%	77.8%	54.2	54.0	-0.2	-0.3%	77.8%	54.5	54.4	-0.1	-0.3%
79.0%	52.5	52.5	0.0	0.1%	79.0%	53.0	53.2	0.1	0.3%	79.0%	54.0	54.0	0.0	0.1%	79.0%	54.5	54.3	-0.2	-0.3%
80.2%	52.5	52.5	0.0	0.0%	80.2%	53.0	53.1	0.1	0.3%	80.2%	53.9	54.0	0.0	0.1%	80.2%	54.5	54.3	-0.2	-0.4%
81.5% 82.7%	52.5 52.4	52.5 52.5	0.0	0.0%	81.5% 82.7%	53.0 52.9	53.1 53.0	0.2	0.3%	81.5% 82.7%	53.9 53.9	54.0 54.0	0.1	0.1%	81.5% 82.7%	54.4 54.4	54.3 54.1	-0.2 -0.2	-0.3% -0.4%
84.0%	52.4	52.3	0.1	0.2%	84.0%	52.9	53.0	0.1	0.2%	84.0%	53.8	53.8	0.0	0.0%	84.0%	54.3	54.1	-0.2	-0.2%
85.2%	52.3	52.3	0.1	0.1%	85.2%	52.9	53.0	0.1	0.2%	85.2%	53.8	53.8	0.0	0.0%	85.2%	54.2	54.1	-0.1	-0.1%
86.4%	52.2	52.3	0.1	0.1%	86.4%	52.9	52.9	0.0	0.0%	86.4%	53.7	53.8	0.1	0.1%	86.4%	54.1	53.9	-0.2	-0.3%
87.7%	51.9	52.2	0.3	0.6%	87.7%	52.9	52.8	-0.1	-0.1%	87.7%	53.7	53.7	0.0	-0.1%	87.7%	54.1	53.9	-0.2	-0.4%
88.9%	51.9 51.9	52.1 52.1	0.1	0.2%	88.9% 90.1%	52.9 52.7	52.8 52.8	-0.1 0.0	-0.2%	88.9%	53.6 53.5	53.6 53.5	0.0	0.1%	88.9%	54.0	53.5 53.4	-0.5 -0.5	-0.9% -1.0%
90.1% 91.4%	51.9 51.8	52.1 51.9	0.2	0.4%	90.1%	52.7 52.7	52.8 52.6	-0.1	0.1% -0.2%	90.1% 91.4%	53.5 53.5	53.5 53.4	0.0 -0.1	-0.1%	90.1% 91.4%	54.0 53.9	53.4 53.3	-0.5	-1.0%
92.6%	51.8	51.9	0.1	0.1%	92.6%	52.6	52.5	-0.1	-0.2%	92.6%	53.4	53.4	0.0	0.0%	92.6%	53.8	53.3	-0.4	-0.8%
93.8%	51.7	51.9	0.2	0.4%	93.8%	52.4	52.3	-0.1	-0.1%	93.8%	53.4	53.4	0.1	0.1%	93.8%	53.6	53.3	-0.3	-0.5%
95.1%	51.7	51.7	0.0	0.0%	95.1%	52.4	52.2	-0.2	-0.3%	95.1%	53.1	53.3	0.2	0.4%	95.1%	53.4	53.3	-0.1	-0.2%
96.3%	51.5 51.3	51.6 51.5	0.1	0.2%	96.3% 97.5%	52.3 52.1	52.1 52.0	-0.2	-0.4%	96.3% 97.5%	53.1 52.8	53.3 53.1	0.2	0.4%	96.3% 97.5%	53.4 53.0	53.0 52.2	-0.4 -0.8	-0.7%
97.5% 98.8%	51.3 51.2	51.5 51.5	0.2	0.4%	97.5%	52.1 52.1	52.0 52.0	-0.1 -0.1	-0.2% -0.2%	97.5% 98.8%	52.8 52.7	53.1 53.0	0.3	0.6%	97.5%	53.0 52.0	52.2 52.0	-0.8	-1.5% 0.1%
100.0%	51.1	51.2	0.2	0.2%	100.0%	52.0	51.8	-0.1	-0.4%	100.0%	52.7	53.0	0.5	1.0%	100.0%	51.9	51.9	0.0	0.0%

Table SQ-04-7a Sacramento River at Jellys Ferry, Monthly Temperature Long-term Average and Average by Water Year Type

				J		thly Temn	erature (DI	FG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Mav	Jun	Jul	Aua	Sep
7 alary 515 T Grida	001	1101	500		ng-term	mu	7401	may	Jun	Jui	rug	ОСР
Full Simulation Period ¹					.,							
No Action Alternative	55.1	51.3	46.6	44.8	46.2	49.3	52.6	54.9	54.8	55.5	56.5	57.4
Alternative C	54.7	51.1	46.9	45.0	46.2	49.4	53.0	55.0	54.9	55.4	56.2	57.0
Difference	-0.5	-0.2	0.2	0.2	0.0	0.1	0.5	0.0	0.0	-0.1	-0.4	-0.4
Percent Difference ³	-0.8%	-0.4%	0.5%	0.5%	0.1%	0.1%	0.9%	0.1%	0.0%	-0.1%	-0.6%	-0.89
					ear Types							
Wet (32%)												
No Action Alternative	54.5	51.7	46.7	44.8	45.9	48.4	51.8	54.8	54.8	55.5	55.8	55.3
Alternative C	54.3	51.6	47.1	44.9	45.9	48.4	51.9	54.6	54.7	55.6	55.9	55.2
Difference	-0.2	-0.1	0.4	0.1	0.0	0.0	0.1	-0.2	-0.2	0.2	0.1	-0.1
Percent Difference	-0.4%	-0.2%	0.8%	0.3%	0.0%	0.1%	0.3%	-0.4%	-0.3%	0.3%	0.2%	-0.39
Above Normal (15%)												
No Action Alternative	54.1	51.0	47.1	45.0	46.3	49.5	53.0	55.5	54.0	54.4	56.0	56.3
Alternative C	53.7	51.0	47.5	45.3	46.3	49.5	53.3	55.2	54.2	54.4	56.0	56.4
Difference	-0.4	-0.1	0.4	0.2	0.0	0.0	0.3	-0.3	0.2	0.0	0.1	0.0
Percent Difference	-0.7%	-0.1%	0.8%	0.5%	0.0%	0.0%	0.6%	-0.5%	0.4%	0.0%	0.1%	0.0%
Below Normal (17%)												
No Action Alternative	53.8	50.7	46.9	44.6	45.9	49.2	53.0	55.0	54.4	54.7	55.5	57.0
Alternative C	53.4	50.5	47.0	44.8	45.9	49.3	53.6	55.1	54.4	54.6	55.6	56.6
Difference	-0.4	-0.2	0.1	0.2	0.0	0.0	0.6	0.2	0.1	-0.1	0.0	-0.4
Percent Difference	-0.7%	-0.3%	0.2%	0.4%	0.0%	0.0%	1.1%	0.3%	0.2%	-0.2%	0.1%	-0.79
Dry (22%)												
No Action Alternative	55.4	51.4	46.6	44.7	46.4	50.0	53.0	54.5	54.8	55.0	56.4	58.4
Alternative C	54.8	51.0	46.5	45.1	46.4	50.0	53.7	54.8	55.0	55.0	55.9	57.6
Difference	-0.6	-0.4	0.0	0.3	0.0	0.1	0.7	0.3	0.2	0.0	-0.5	-0.7
Percent Difference	-1.2%	-0.7%	0.0%	0.8%	0.0%	0.1%	1.3%	0.5%	0.3%	0.1%	-0.9%	-1.29
Critical (15%)												
No Action Alternative	58.7	51.2	45.8	44.7	46.9	50.2	52.6	55.3	56.4	58.3	60.0	62.1
Alternative C	57.8	50.9	46.0	44.9	47.1	50.3	53.5	55.8	56.3	57.6	58.0	60.9
Difference	-0.8	-0.3	0.3	0.2	0.1	0.1	0.9	0.5	-0.1	-0.7	-2.0	-1.2
Percent Difference	-1.4%	-0.6%	0.6%	0.5%	0.3%	0.2%	1.7%	0.9%	-0.1%	-1.3%	-3.3%	-1.99

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



Figure SQ-04-7b Sacramento River at Jellys Ferry, Monthly Temperature Probability of Exceedance

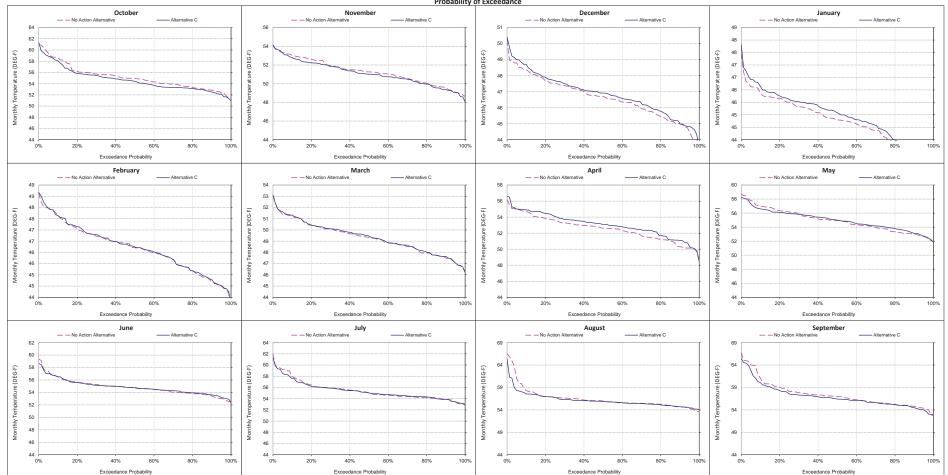


Table SO-04-7b Sacramento River at Jellys Ferry, Monthly Temperature Probability of Exceedanc

Decembe

Novembe

Octobe

January Percent Percent Percent Percent No Action Alternative Alternative C Absolute Relative Relative Relative Relative Exceedance Exceedance Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG.E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% 0.0% 61.0 61.3 0.3 0.5% 0.0% 54.1 0.0% 50.2 50.4 0.4% 47.8 0.4% 1.2% 60.9 59.8 -1.0 -1.7% 1.2% 53.8 53.7 -0.1 -0.1% 1.2% 48.9 49.8 0.8 1.7% 1.2% 46.7 46.9 0.2 2.5% 60.5 59.5 -1.5% 2.5% 53.6 53.6 0.1% 2.5% 48.9 49.2 0.6% 2.5% 46.3 46.8 0.9% 3.7% 3.7% 59.9 59.1 -0.8 -1.3% 3.7% 53.4 53.6 0.1 0.2% 3.7% 48.8 49.1 0.3 0.7% 46.3 46.6 0.3 0.6% 4.9% 59.5 58.9 -0.5 -0.9% 4.9% 53.3 53.3 0.0 -0.1% 4.9% 48.8 49.0 0.4% 4.9% 46.1 46.4 0.3 0.6% 6.2% 6.2% 6.2% 6.2% 58.9 58.7 -0.2 -0.3% 53.3 53.1 -0.2 -0.4% 48.5 49.0 0.5 1.0% 46.1 46.4 0.3 0.6% 7.4% -0.3% 7.4% -0.2% 7.4% 48.5 0.7% 7.4% 46.3 0.2 0.4% 8.6% 8.6% 8.6% 8.6% 58.7 58.2 -0.5 -0.9% 53.2 52.9 -0.3 -0.5% 48.4 48.7 0.3 0.7% 46.1 46.3 0.5% 9.9% 11.1% 12.3% 9.9% -0.9% -0.5% 11.1% 12.3% 58.3 57.7 -0.5 -0.9% 11.1% 53.0 52.7 -0.3 -0.6% 11.1% 48.3 48.5 0.2 0.4% 45.8 46.0 0.2 0.5% 13.6% 13.6% 13.6% -0.5% 13.6% 0.4% 58.0 56.8 -12 -2 1% 52 9 52.6 -0 3 48 1 48.2 0.1 0.3% 45.7 45.9 0.2 -1.4% 52.4 16.0% 16.0% 16.0% 16.0% 57.5 56.4 -1.2 -2.0% 52.8 52.3 -0.5 -0.9% 47.9 48.1 0.2 0.3% 45.7 45.9 0.2 0.4% 18.5% 18.5% -0.7% 18.5% 0.2% 18.5% 0.1 0.3% 56.3 56.0 -0.3 -0.6% 52.7 52.3 -0.4 47.9 47.9 0.1 45.7 45.8 19.8% 21.0% 56.3 56.1 -0.5 -0.3 -0.8% 52.2 52.2 -0.4 -0.3 19.8% 47.7 0.2 19.8% 21.0% 0.1 21.0% 47.7 47.8 55.8 -0.5% 52.6 -0.7% 0.3% 45.6 45.7 0.2% 22.2% 23.5% -0.6% 22.2% 23.5% 52.2 -0.6% 22.2% 23.5% 22.2% 23.5% 45.7 0.1 52.2 47.7 55.7 -0.3 47.5 45.7 56.0 -0.3 -0.6% 52.5 -0.6% 0.2 0.4% 45.5 0.3% 24.7% 25.9% -0.6% -0.7% 24.7% 25.9% 24.7% 25.9% 0.4% 24.7% 25.9% 56.0 52.1 -0.7% 47.5 47.7 45.5 45.6 0.1 56.0 55.6 -0.4 52.5 52.0 -0.4 47.5 47.6 0.1 0.2% -0.8% 45.5 45.6 27.2% 28.4% 27.2% 28.4% 56.0 55.6 -0.7% 27.2% 52.1 52.0 -0.2% 27.2% 47 A 47.6 45.4 45.6 55.8 55.5 -0.3 -0.5% 28.4% 52.0 52.0 0.0 0.1% 28.4% 47.4 47.6 0.2 0.4% 45.4 0.2 0.4% 45.5 29.6% 30.9% -0.5% -0.5% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 51.9 51.9 -0.2% 0.0% 17 A 0.2% 45.5 45.5 0.2 0.5% 0.0 47.5 45.3 47.4 32.1% 55.7 55.2 -0.4 -0.7% 32.1% 51.9 51.8 -0.1% 32.1% 47.3 47.4 0.1% 32.1% 45.3 45.5 0.2 0.4% 33.3% -0.8% 33.3% 51.8 0.0 0.0% 33.3% 47.2 0.1 0.2% 33.3% 45.3 45.5 0.2 0.4% 34.6% 55.6 55.1 -0.5 -0.9% 34.6% 51.8 51.7 -0.1 -0.1% 34.6% 47.2 47.3 0.3% 34.6% 45.2 45.5 0.2 0.5% 35.8% -1.0% 35.8% 51.5 35.8% 35.8% 0.2 55.6 -0.2% 0.2% 0.5% 37.0% 55.6 55.0 -0.6 -1.0% 37.0% 51.6 51.5 -0.1-0.1% 37.0% 47.1 47.2 0.2% 37.0% 45.2 45.4 0.3 0.6% 38.3% 55.5 -1.0% 38.3% 51.4 38.3% 47.1 47.1 38.3% 0.3 -0.2% 0.1% 0.7% 39.5% 55.4 54.8 -0.6 -1.0% 39.5% 51.5 51.4 -0.1 -0.3% 39.5% 47.1 47.1 0.2% 39.5% 45.1 45.4 0.3 0.7% 40.7% 55.2 -0.4 -0.7% 40.7% 51.5 51.4 -0.1 -0.2% 40.7% 46.9 47.1 0.2 0.3% 40.7% 45.1 45.3 0.2 0.5% 42.0% 55.2 54.8 -0.4-0.8% 42.0% 51.5 51.3 -0.3% 42.0% 46.8 47.1 0.2 0.5% 42.0% 45.1 45.3 0.2 0.5% -0.5% 43.2% 55.0 54.6 -0.4 -0.7% 43.2% 51.5 51.2 -0.3 43.2% 46.8 47.0 0.3 0.6% 43.2% 44.9 45.2 0.3 0.7% 44.4% -0.3 -0.6% 44.4% 51.4 51.1 -0.3 -0.6% 44.4% 46.8 47.0 0.3 0.6% 44.4% 44.9 45.2 0.3 0.7% 45.7% 45.7% 45.7% 55.0 54.6 -0.4 -0.7% 51.4 51.1 -0.3 -0.6% 46.8 47.0 0.2 0.5% 45.7% 44.9 45.2 0.3 0.7% 46.9% 55.0 54.6 -0.4-0.6% 46.9% 51.3 51.1 -0.3-0.5% 46.9% 46.7 47.0 0.3 0.6% 46.9% 44.9 45.2 0.3 0.7% 48.1% 49.4% 54.9 54.5 -0.4 -0.8% 48.1% 51.3 51.0 -0.2 -0.4% 48.1% 46.7 46.9 0.2 0.5% 48.1% 44 9 45.2 0.3 0.7% -0.4-0.8% 49.4% 51.0 -0.2-0.5% 49.4% 46.7 46.9 0.5% 49.4% 44.8 45.1 0.3 50.6% 50.6% 50.6% 54.9 54.4 -0.5 -0.9% 51.2 51.0 -0.2 -0.5% 46.7 46.9 0.2 0.5% 50.6% 44.8 45.1 0.3 0.6% 51.9% 54.1 54.1 -0.7-1.3% 51.9% -0.2 -0.2 -0.5% 46.6 46.9 0.3 0.7% 51.9% 53.1% 45.0 0.2 0.5% 53.1% 53.1% 0.6% 53.1% 51.0 54.8 -0 7 -1.3% 51.2 -0.5% 46.5 46.8 44.8 45.0 0.5% 55.6% 56.8% 55.6% 55.6% 55.6% 54.6 54.0 -0.6 -1.1% 51.1 50.9 -0.2 -0.3% 46.5 46.7 0.2 0.5% 44.7 44.9 0.2 0.4% 58.0% 58.0% 58.0% 54.5 53.9 -0.6 -1.1% 51.1 50.8 -0.3 -0.5% 46.4 46.6 0.2 0.4% 58.0% 44.7 44.9 0.2 0.4% 60.5% 60.5% 60.5% 54.3 53.7 -0.6 -1.2% 51.0 50.7 -0.3 -0.5% 46.3 46.6 0.2 0.5% 60.5% 44.6 44.8 0.2 0.5% 61.7% 61.7% 63.0% 63.0% 54.1 63.0% 63.0% 53.5 -0.6 -1.1% 50.9 50.6 -0.3 -0.6% 46.3 46.5 0.2 0.4% 44.5 44.7 0.2 0.5% 64.2% 65.4% 54.1 54.0 53.4 53.4 -1.2% -1.2% 64.2% 65.4% 50.6 50.6 64.2% 65.4% 64.2% 65.4% 44.5 44.5 0.2 -0.6 -0.1 -0.3% 0.1 44.7 0.4% 50.7 46.3 46.5 0.3% 66.7% 67.9% 54.0 53.9 -1.1% -1.1% 66.7% 67.9% 66.7% 67.9% 66.7% 67.9% 53.4 53.3 -0.6 50.6 -n 2 -0.3% 46.2 46.4 0.5% 44.6 0.2 0.4% -0.6 50.7 0.3 50.5 -0.2 44.6 -0.3% 46.1 46.4 0.6% 44.4 0.5% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 50.5 44.4 44.6 0.2 53.3 -1.1% 53.9 -0.6 50.4 -0.1 -0.3% 45.9 46.2 0.3 0.6% 44.4 44.6 0.4% 50.6 71.6% 53.8 53.3 -0.5 -1.0% -1.0% 71.6% 50.4 0.0% 71.6% 45.9 46.2 0.3 0.6% 71.6% 44.4 44.4 0.1 72.8% 53.8 53.3 -0.5 72.8% 50.4 50.3 -0.1 -0.3% 72.8% 45.8 46.2 0.4 0.8% 72.8% 44.2 44.4 0.2 0.4% -0.6% -0.2% -0.2% 74.1% 75.3% 74.1% 75.3% 74.1% 74.1% 0.3 0.6% 44.4 0.3 75.3% 75.3% 45.8 44.3 0.6% 76.5% 53.5 53.2 -0.3 -0.5% 76.5% 50.2 50.0 -0.2 -0.3% 76.5% 45.7 45.9 0.2 0.5% 76.5% 44.0 44.2 0.3 0.6% 77.8% -0.5% 77.8% -0.2% 77.8% 0.3 0.7% 77.8% 0.2 45.6 44.1 0.4% 79.0% 53.4 -0.2 -0.4% 79.0% 50.1 50.0 -0.1 -0.3% 79.0% 45.5 45.8 0.3 0.7% 79.0% 43.9 44.0 0.1 0.2% 80.2% 53.3 -0.3% 80.2% 49.9 80.2% 80.2% 44.0 0.1 -0.2% 45.4 45.8 43.9 0.2% 81.5% 53.2 53.0 -0.2-0.3% 81.5% 50.0 49.9 -0.1% 81.5% 45.4 45.7 0.6% 81.5% 43.7 43.9 0.2 0.5% 82.7% 53.2 -0.3% 82.7% 49.7 -0.2% 82.7% 45.6 0.3 0.7% 82.7% 43.7 43.9 84.0% 53.1 53.0 -0.1 -0.3% 84.0% 49.8 49.6 -0.2 -0.4% 84.0% 45.2 45.5 0.3 0.7% 84.0% 43.6 43.9 0.3 0.6% 85.2% 53.1 53.0 -0.1 -0.2% 85.2% 49.7 49.5 -0.2 -0.4% 85.2% 45.1 45.2 0.1 0.2% 85.2% 43.6 43.9 0.3 0.6% 86.4% 53.0 52.8 -0.3% 86.4% 49.7 49.5 -0.3% 86.4% 45.1 45.2 0.2% 86.4% 43.6 43.8 0.2 0.5% 87.7% 52.9 52.7 -0.2 -0.5% 87.7% 49.6 494 -0.2 -0.4% 87.7% 45.0 45.2 0.2 0.4% 87.7% 43.5 43.8 0.3 0.7% 88.9% 52.9 -0.3 -0.5% 88.9% 49.6 49.4 -0.3 -0.5% 88.9% 45.0 45.2 0.2 0.4% 88.9% 43.5 43.8 0.2 0.5% 90.1% 52.8 52.5 -0.4 -0.7% 90.1% 49.6 49.3 -0.2 -0.5% 90.1% 45.0 45.0 0.0 0.0% 90.1% 43.5 43.6 0.1 0.2% -0.2% -0.1% 91.4% 52.4 -0.6% 91.4% 49.3 91.4% 44.9 91.4% 43.5 43.6 0.1 92.6% 92.6% 92.6% 52.6 52.2 -0.4 -0.7% 49 3 493 0.0 44.8 44 9 0.1 0.1% 92.6% 43.5 43.6 0.2% 93.8% -0.4% 44.7 93.8% 52.6 52.1 -0.4-0.8% 93.8% 49.3 49.1 -0.293.8% 44.8 0.2% 43.4 43.5 0.1 0.3% 95.1% 95.1% 95.1% 95.1% 52.3 52.1 -0.2 -0.4% 49.0 49.1 0.0 0.1% 44.5 44.8 0.4 0.8% 43.3 43.5 0.2 0.5% 96.3% 51.6 51.6 -1.3% 96.3% 49.0 49.0 0.0 0.0% 96.3% 97.5% 44.1 0.6 1.4% 96.3% 97.5% 42.9 42.9 0.1 0.1% 97.5% 97.5% -0.5% 0.6 0.2% 51.8 -0 2 -0.3% 48 9 48.6 -0 2 44 0 446 1.4% 42.8 429 -0.2% -0.5% 98.8% 100.0% 100.0% 100.0% 100.0% 51.3 51.0 0.0 -0.6% 48.6 48.0 -0.6 -1.1% 42.9 43.3 0.4 0.9% 42.4 42.8 0.4 0.9%

Table SQ-04-7b Sacramento River at Jellys Ferry, Monthly Temperature Probability of Exceedance

April

March

February

Percent Percent Percent Percent No Action Alternative Alternative C Absolute Relative Exceedance Relative Relative Relative Exceedance Difference Difference Difference Difference Monthly Temperature Difference (%) Difference (%) Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) 0.0% 48.6 48.7 0.0% 53.1 53.1 0.0% 56.2 56.6 0.8% 58.2 -0.8% 1.2% 48.2 48.5 0.3 0.6% 1.2% 52.4 52.4 0.0 -0.1% 1.2% 55.5 56.5 1.0 1.7% 1.2% 58.5 58.1 -0.4 -0.6% 2.5% 48.0 48.2 0.4% 2.5% 51.8 51.9 0.2% 2.5% 55.1 55.3 0.4% 2.5% 58.4 58.1 -0.4-0.7% 3.7% 3.7% 48.0 48.1 0.1 0.2% 3.7% 51.7 51.7 0.0 0.1% 3.7% 55.0 55.2 0.1 0.3% 58.0 57.8 -0.2 -0.4% 4.9% 48.0 48.0 0.0 0.0% 4.9% 51.4 51.6 0.2 0.5% 4.9% 54.9 55.0 0.1% 4.9% 57.8 57.4 -0.4 -0.7% 6.2% 6.2% 6.2% 6.2% 47.9 47.9 0.0 0.0% 51.4 51.5 0.1 0.1% 54.9 55.0 0.1 0.1% 57.7 57.0 -0.7 -1.2% 7.4% 47.9 0.0% 7.4% 51.4 0.0 0.1% 7.4% 54.8 0.4% 7.4% 57.2 57.1 56.8 -0.4 -0.4 8.6% 8.6% 8.6% 8.6 · . 9.9% 11.1% 12.3% 8.6% 47.8 47.7 -0.1 -0.2% 51.3 513 0.2% 54.7 54 9 0.2 0.3% 56.7 -0.7% 9.9% 0.0% -0.6% 11.1% 12.3% 47.5 47.6 0.0 0.1% 11.1% 51.1 51.2 0.1 0.2% 11.1% 54.6 54.9 0.3 0.5% 56.9 56.5 -0.4 -0.7% 13.6% 13.6% 13.6% 0.4% 0.0% -0.4 -0.5 47.3 47.5 0.2 51 1 51.1 0.0 54.1 547 0.6 1.1% 56.9 56.5 -0.7% 16.0% 16.0% 16.0% 16.0% 47.2 47.2 0.0 0.1% 50.7 50.7 0.0 -0.1% 54.0 54.7 0.7 1.2% 56.7 56.2 -0.6 -1.0% 18.5% 0.1% 18.5% -0.1% 18.5% 18.5% 47.1 47.2 0.1 50.5 50.5 -0.1 53.9 54.6 0.6 1.1% 56.4 56.1 -0.3 -0.5% 19.8% 21.0% 47.1 47.0 47.2 47.1 0.1 0.2% 50.4 19.8% 0.6 1.2% 19.8% 21.0% 56.3 56.3 -0.2 -0.2 21.0% 50.3 50.4 0.0 0.1% 53.8 54.4 56.1 -0.4% 22.2% 23.5% 47.0 46.9 0.1 0.2% 22.2% 23.5% 22.2% 23.5% 1.2% 22.2% 23.5% 56.2 -0.2 -0.3 -0.3% 46.9 0.6 50.3 50.3 0.0 0.0% 53.7 54.2 56.2 56.0 -0.5% 24.7% 25.9% 0.0% 24.7% 25.9% 24.7% 25.9% 0.9% 24.7% 25.9% 46.9 46.8 0.0 50.2 50.1 50.3 0.1% 53.6 0.5 56.2 56.1 55.9 -0.3 -0.2 -0.5% 46.8 0.1 0.3% 54.0 50.3 53.6 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0.5% 88.9% 44.8 0.0 0.1% 88.9% 47.6 47.6 0.0 0.0% 88.9% 50.3 51.1 0.8 1.6% 88.9% 53.0 53.2 0.2 0.3% 90.1% 44.7 44.8 0.1 0.2% 90.1% 47.5 47.6 0.2 0.3% 90.1% 50.3 51.1 0.8 1.5% 90.1% 53.0 53.1 0.1 0.2% 91.4% 44.6 91.4% 47.5 91.4% 50.2 91.4% 53.0 53.1 0.1 0.8 92.6% 92.6% 92.6% 44.6 44.6 0.0 0.1% 47.4 47.5 0.1 0.1% 50.1 50.8 1.3% 92.6% 52.8 53.0 0.4% 93.8% 44.5 0.0 47.2 47.2 50.8 93.8% 52.7 52.8 0.1% 93.8% 0.0 0.0% 93.8% 50.1 1.3% 0.1 0.2% 95.1% 95.1% 95.1% 95.1% 44.5 44.5 0.0 0.1% 47.0 47.0 0.0 0.0% 50.1 50.3 0.2 0.3% 52.7 52.6 -0.1 -0.2% 96.3% 44.4 0.1% 96.3% 46.8 46.9 0.0% 96.3% 97.5% 50.1 0.1% 96.3% 97.5% 52.5 0.1 0.2% 97.5% 97.5% 0.1 52.3 0.2% 44 4 444 0.0 0.0% 46.8 46.8 0.0 0.0% 50.0 50.1 0.2% 524 0.2% 0.2% -0.2% 98.8% 0.3% 100.0% 100.0% 100.0% 100.0% 43.7 43.7 0.0% 46.2 46.2 0.0% 48.5 48.5 0.0 0.0% 52.0 51.9 -0.1 -0.2%

Table SQ-04-7b
Sacramento River at Jellys Ferry, Monthly Temperature
Probability of Exceedance

August

Percent		June			Percent		,			Percent		August			Percent				
Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			0.0%	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	59.3	58.6	-0.7	-1.2%	0.0%	62.0	61.2	-0.8	-1.3%	0.0%	66.5	65.3	-1.2	-1.9%	0.0%	66.8	65.5	-1.3	-1.9%
1.2%	59.1	58.5	-0.7	-1.1%	1.2%	59.9	59.9	0.0	0.0%	1.2%	65.9	61.3	-4.6	-6.9%	1.2%	65.1	64.6	-0.5	-0.8%
2.5%	57.8	57.6	-0.2	-0.3%	2.5%	59.6	59.3	-0.3	-0.5%	2.5%	65.0	61.1	-3.9	-6.1%	2.5%	65.0	64.4	-0.5	-0.8%
3.7%	57.5	57.1	-0.4	-0.8%	3.7%	59.5	59.2	-0.2	-0.4%	3.7%	63.7	59.0	-4.7	-7.4%	3.7%	64.8	64.0	-0.8	-1.3%
4.9%	57.4	57.0	-0.4	-0.8%	4.9%	59.2	58.5	-0.7	-1.2%	4.9%	61.0	58.3	-2.7	-4.4%	4.9%	64.0	63.0	-1.0	-1.6%
6.2%	56.8	57.0	0.2	0.3%	6.2%	59.2	58.3	-0.9	-1.5%	6.2%	60.0	58.2	-1.7	-2.9%	6.2%	63.9	61.6	-2.3	-3.6%
7.4%	56.8	56.7	-0.1	-0.2%	7.4%	59.0	58.3	-0.7	-1.2%	7.4%	59.9	58.0	-1.8	-3.1%	7.4%	63.9	61.1	-2.8	-4.4%
8.6%	56.7	56.7	0.0	0.0%	8.6%	58.9	58.0	-0.9	-1.6%	8.6%	58.8	57.9	-0.9	-1.6%	8.6%	61.9	60.3	-1.6	-2.6%
9.9%	56.5	56.5	0.0	0.0%	9.9%	57.9	57.6	-0.3	-0.6%	9.9%	58.3	57.5	-0.8	-1.4%	9.9%	61.2	60.1	-1.1	-1.7%
11.1%	56.5	56.5	0.0	0.1%	11.1%	57.7	57.6	-0.2	-0.3%	11.1%	58.1	57.5	-0.6	-1.0%	11.1%	60.2	59.6	-0.6	-1.1%
12.3%	56.1	56.2	0.1	0.2%	12.3%	57.6	57.0	-0.6	-1.0%	12.3%	58.1	57.5	-0.5	-0.9%	12.3%	59.8	59.5	-0.3	-0.6%
13.6%	56.0	56.1	0.0	0.1%	13.6%	57.4	56.9	-0.5	-0.8%	13.6%	58.0	57.5	-0.6	-1.0%	13.6%	59.8	59.2	-0.6	-1.0%
14.8%	55.9	56.0	0.1	0.2%	14.8%	57.2	56.9	-0.3	-0.6%	14.8%	57.7	57.4	-0.3	-0.5%	14.8%	59.8	59.2	-0.6	-1.0%
16.0%	55.9	55.7	-0.1	-0.3%	16.0%	56.8	56.8	0.0	0.0%	16.0%	57.4	57.4	0.0	-0.1%	16.0%	59.7	58.9	-0.8	-1.3%
17.3%	55.8	55.6	-0.1	-0.3%	17.3%	56.7	56.5	-0.2	-0.4%	17.3%	57.2	57.1	-0.1	-0.2%	17.3%	59.3	58.6	-0.6	-1.0%
18.5%	55.7	55.6	-0.1	-0.2%	18.5%	56.5	56.4	-0.2	-0.3%	18.5%	57.0	57.0	0.0	0.0%	18.5%	59.1	58.6	-0.6	-0.9%
19.8%	55.7	55.6	-0.1	-0.1%	19.8%	56.5	56.2	-0.3	-0.5%	19.8%	57.0	57.0	0.0	0.0%	19.8%	59.1	58.3	-0.8	-1.3%
21.0%	55.6	55.5	0.0	-0.1%	21.0%	56.2	56.1	-0.1	-0.2%	21.0%	56.9	56.9	0.0	0.0%	21.0%	58.9	58.1	-0.7	-1.2%
22.2%	55.6	55.5	-0.1	-0.2%	22.2%	56.1	56.1	0.0	0.0%	22.2%	56.9	56.9	0.0	0.1%	22.2%	58.8	58.1	-0.8	-1.3%
23.5%	55.5	55.4	0.0	-0.1%	23.5%	56.0	56.1	0.0	0.1%	23.5%	56.9	56.9	0.0	0.0%	23.5%	58.6	58.0	-0.6	-1.0%
24.7%	55.4	55.3	-0.1	-0.2%	24.7%	56.0	56.1	0.1	0.1%	24.7%	56.9	56.8	-0.1	-0.2%	24.7%	58.1	57.6	-0.5	-0.9%
25.9%	55.4	55.3	-0.1	-0.2%	25.9%	56.0	56.0	0.1	0.1%	25.9%	56.7	56.7	-0.1	-0.1%	25.9%	58.1	57.5	-0.6	-1.1%
27.2%	55.4	55.3	-0.1	-0.1%	27.2%	55.9	56.0	0.0	0.1%	27.2%	56.7	56.4	-0.3	-0.6%	27.2%	58.0	57.5	-0.6	-1.0%
28.4%	55.3	55.2	-0.1	-0.2%	28.4%	55.9	55.9	0.0	0.0%	28.4%	56.6	56.4	-0.3	-0.5%	28.4%	58.0	57.4	-0.6	-1.0%
29.6%	55.3	55.2	-0.1	-0.2%	29.6%	55.9	55.9	0.0	0.0%	29.6%	56.6	56.3	-0.3	-0.6%	29.6%	57.8	57.3	-0.5	-0.9%
30.9%	55.3	55.1	-0.2	-0.3%	30.9%	55.9	55.9	0.0	0.0%	30.9%	56.6	56.3	-0.3	-0.6%	30.9%	57.8	57.3	-0.5	-0.9%
32.1%	55.1	55.1	0.0	0.0%	32.1%	55.9	55.8	0.0	-0.1%	32.1%	56.6	56.3	-0.3	-0.5%	32.1%	57.8	57.3	-0.5	-0.9%
33.3%	55.1	55.1	0.0	0.0%	33.3%	55.9	55.7	-0.1	-0.2%	33.3%	56.6	56.2	-0.3	-0.6%	33.3%	57.6	57.2	-0.4	-0.7%
34.6%	55.1	55.1	0.0	0.0%	34.6%	55.8	55.7	-0.1	-0.2%	34.6%	56.5	56.1	-0.4	-0.7%	34.6%	57.6	57.2	-0.4	-0.6%
35.8%	55.0	55.0	0.0	0.0%	35.8%	55.7	55.6	-0.1	-0.2%	35.8%	56.5	56.1	-0.4	-0.7%	35.8%	57.4	57.2	-0.2	-0.4%
37.0%	55.0	55.0	0.0	0.1%	37.0%	55.7	55.5	-0.2	-0.3%	37.0%	56.4	56.1	-0.3	-0.6%	37.0%	57.4	57.1	-0.3	-0.5%
38.3%	55.0	55.0	0.0	0.1%	38.3%	55.6	55.5	-0.2	-0.3%	38.3%	56.4	56.1	-0.3	-0.6%	38.3%	57.3	57.0	-0.3	-0.6%
39.5%	55.0	55.0	0.0	0.1%	39.5%	55.5	55.4	-0.1	-0.1%	39.5%	56.2	56.1	-0.2	-0.3%	39.5%	57.3	57.0	-0.4	-0.6%
40.7%	55.0	55.0	0.0	0.0%	40.7%	55.5	55.4	-0.1	-0.2%	40.7%	56.1	56.0	-0.1	-0.2%	40.7%	57.3	56.8	-0.5	-0.9%
42.0%	55.0	54.9	0.0	-0.1%	42.0%	55.5	55.4	-0.1	-0.1%	42.0%	56.1	56.0	-0.1	-0.2%	42.0%	57.3	56.8	-0.5	-0.9%
43.2%	54.9	54.9	0.0	0.0%	43.2%	55.4	55.4	0.0	0.0%	43.2%	56.1	56.0	-0.1	-0.3%	43.2%	57.2	56.8	-0.4	-0.6%
44.4%	54.8	54.9	0.1	0.1%	44.4%	55.4	55.4	0.0	0.0%	44.4%	56.1	56.0	-0.1	-0.2%	44.4%	57.1	56.7	-0.4	-0.7%
45.7%	54.8	54.8	0.0	0.0%	45.7%	55.2	55.2	0.0	-0.1%	45.7%	56.1	56.0	-0.1	-0.2%	45.7%	57.1	56.7	-0.4	-0.6%
46.9%	54.8	54.8	0.0	0.0%	46.9%	55.2	55.1	-0.1	-0.2%	46.9%	56.1	55.9	-0.1	-0.2%	46.9%	57.1	56.6	-0.4	-0.8%
48.1%	54.8	54.8	0.0	0.0%	48.1%	55.2	55.1	-0.1	-0.1%	48.1%	56.0	55.9	-0.1	-0.2%	48.1%	57.0	56.5	-0.5	-0.9%
49.4%	54.7	54.8	0.1	0.3%	49.4%	55.1	55.1	0.0	0.0%	49.4%	56.0	55.9	-0.2	-0.3%	49.4%	57.0	56.4	-0.6	-1.0%
50.6%	54.7	54.8	0.1	0.2%	50.6%	55.0	55.0	0.0	0.0%	50.6%	55.9	55.9	0.0	0.0%	50.6%	57.0	56.4	-0.6	-1.0%
51.9%	54.6	54.7	0.0	0.1%	51.9%	54.8	55.0	0.2	0.3%	51.9%	55.8	55.8	0.0	-0.1%	51.9%	56.9	56.4	-0.6	-1.0%
53.1%	54.6	54.7	0.1	0.1%	53.1%	54.7	55.0	0.2	0.4%	53.1%	55.8	55.8	0.0	0.0%	53.1%	56.8	56.4	-0.4	-0.7%
54.3%	54.6	54.6	0.0	0.0%	54.3%	54.7	54.9	0.2	0.3%	54.3%	55.8	55.8	0.0	0.0%	54.3%	56.7	56.3	-0.4	-0.7%
55.6%	54.6	54.6	0.0	0.0%	55.6%	54.7	54.8	0.1	0.1%	55.6%	55.8	55.7	0.0	-0.1%	55.6%	56.6	56.3	-0.3	-0.6%
56.8%	54.6	54.6	0.0	0.0%	56.8%	54.7	54.8	0.1	0.1%	56.8%	55.7	55.7	0.0	-0.1%	56.8%	56.4	56.1	-0.3	-0.5%
58.0%	54.6	54.6	0.0	0.0%	58.0%	54.6	54.7	0.1	0.2%	58.0%	55.6	55.7	0.1	0.2%	58.0%	56.4	56.1	-0.2	-0.4%
59.3%	54.5	54.6	0.0	0.0%	59.3%	54.6	54.7	0.1	0.2%	59.3%	55.6	55.7	0.1	0.2%	59.3%	56.3	56.1	-0.2	-0.3%
60.5%	54.5	54.5	0.0	0.1%	60.5%	54.6	54.7	0.1	0.3%	60.5%	55.6	55.5	0.0	-0.1%	60.5%	56.2	56.1	-0.1	-0.2%
61.7%	54.4	54.4	0.0	0.0%	61.7%	54.6	54.7	0.1	0.2%	61.7%	55.6	55.5	0.0	-0.1%	61.7%	56.2	56.1	-0.1	-0.2%
63.0%	54.4	54.4	0.0	0.0%	63.0%	54.5	54.6	0.1	0.2%	63.0%	55.6	55.5	-0.1	-0.1%	63.0%	56.1	56.0	-0.1	-0.1%
64.2%	54.4	54.4	0.0	-0.1%	64.2%	54.5	54.6	0.1	0.2%	64.2%	55.5	55.5	-0.1	-0.1%	64.2%	56.0	56.0	0.0	0.0%
65.4%	54.4	54.4	0.0	0.0%	65.4%	54.4	54.6	0.2	0.3%	65.4%	55.5	55.4	-0.1	-0.2%	65.4%	56.0	55.7	-0.3	-0.5%
66.7%	54.3	54.3	0.0	0.1%	66.7%	54.4 54.4	54.5 54.5	0.1	0.2%	66.7%	55.5	55.4	-0.1	-0.1%	66.7%	55.8 55.8	55.7	-0.1	-0.2%
67.9%	54.2 54.0	54.3 54.3	0.1	0.2%	67.9%	54.4 54.4	54.5 54.5	0.1	0.3%	67.9%	55.5	55.4 55.4	-0.1	-0.1% -0.1%	67.9%	55.8 55.6	55.7 55.7	-0.1 0.0	-0.2%
69.1% 70.4%	54.0 54.0	54.3 54.3	0.2	0.4%	69.1% 70.4%	54.4 54.4	54.5 54.5	0.1	0.3%	69.1% 70.4%	55.5 55.4	55.4 55.4	-0.1 0.0	-0.1% -0.1%	69.1% 70.4%	55.6	55.7 55.6	0.0	0.0%
70.4%	54.0	54.3 54.3	0.2	0.4%	70.4%	54.4	54.5	0.1	0.2%	70.4%	55.4 55.4	55.4	0.0	0.0%	70.4%	55.6	55.5	-0.1	
71.6%	54.0 54.0	54.3 54.2	0.3	0.5%	71.6%	54.4 54.4	54.5 54.4	0.1	0.2%	71.6%	55.4 55.4	55.4 55.3	-0.1	-0.2%	71.6%	55.6	55.5 55.4	-0.1	-0.2% -0.3%
74.1%	54.0	54.2 54.1	0.2	0.4%	74.1%	54.4	54.4	0.1	0.1%	72.6%	55.4 55.4	55.3	-0.1	-0.2%	74.1%	55.5	55.4 55.4	-0.1	-0.3%
74.1%	54.0 53.9	54.1 54.1	0.1	0.2%	74.1% 75.3%	54.3 54.2	54.4 54.4	0.1	0.2%	74.1% 75.3%	55.4 55.4	55.3 55.2	-0.1	-0.2%	74.1% 75.3%	55.5	55.4 55.3	-0.2	-0.3%
76.5%	53.9	54.0	0.2	0.3%	76.5%	54.2	54.4	0.2	0.3%	76.5%	55.4 55.4	55.2	-0.2	-0.3%	76.5%	55.4	55.3	-0.2	-0.2%
77.8%	53.9	54.0	0.1	0.3%	77.8%	54.2	54.4	0.2	0.3%	77.8%	55.3	55.2	-0.1	-0.1%	77.8%	55.3	55.3	0.0	-0.1%
79.0%	53.9	54.0	0.1	0.2%	79.0%	54.2	54.4	0.2	0.3%	79.0%	55.3	55.2	-0.1	-0.1%	77.8%	55.3	55.2	-0.1	-0.1%
80.2%	53.8	53.9	0.1	0.2%	80.2%	54.2	54.3 54.3	0.2	0.2%	80.2%	55.3	55.2 55.1	-0.1	-0.2%	80.2%	55.3	55.2 55.2	-0.1	-0.2%
81.5%	53.8	53.9	0.1	0.2%	81.5%	54.2 54.2	54.3	0.1	0.1%	81.5%	55.2	55.1	-0.2	-0.2%	81.5%	55.0	55.2 55.0	0.0	0.0%
82.7%	53.8	53.9	0.1	0.1%	82.7%	54.1	54.2	0.1	0.3%	82.7%	55.1	54.9	-0.1	-0.2%	82.7%	55.0	55.0	0.0	0.0%
84.0%	53.7	53.9	0.1	0.1%	84.0%	54. I 54. 1	54.2	0.1	0.2%	84.0%	55.0	54.9	-0.1	-0.2%	84.0%	55.0	55.0	-0.1	-0.1%
85.2%	53.7	53.9	0.1	0.4%	85.2%	54.0	54.2	-0.1	-0.2%	85.2%	55.0	54.9	0.0	0.0%	85.2%	55.0	55.0	-0.1	-0.1%
86.4%	53.6	53.8	0.2	0.3%	86.4%	54.0	53.9	-0.1	-0.2%	86.4%	54.9	54.9	0.0	-0.1%	86.4%	55.0	54.9	-0.1	-0.1%
87.7%	53.6	53.7	0.2	0.2%	87.7%	54.0	53.9	-0.1	-0.1%	87.7%	54.7	54.8	0.0	0.1%	87.7%	54.9	54.8	-0.2	-0.1%
88.9%	53.5	53.6	0.1	0.2%	88.9%	53.9	53.9	0.0	0.2%	88.9%	54.7	54.7	0.1	0.1%	88.9%	54.8	54.5	-0.2	-0.5%
90.1%	53.4	53.6	0.1	0.3%	90.1%	53.9	53.9	0.0	0.0%	90.1%	54.7	54.7	0.0	0.0%	90.1%	54.8	54.5	-0.3	-0.6%
91.4%	53.2	53.6	0.2	0.6%	91.4%	53.9	53.9	0.0	0.0%	91.4%	54.7	54.6	0.0	-0.1%	91.4%	54.6	54.3	-0.3	-0.6%
92.6%	53.2	53.5	0.3	0.6%	92.6%	53.8	53.5	-0.2	-0.4%	92.6%	54.6	54.6	0.0	0.0%	92.6%	54.5	54.3 54.1	-0.3	-0.7%
93.8%	53.0	53.4	0.3	0.6%	93.8%	53.7	53.5	-0.2	-0.4%	93.8%	54.4	54.6	0.0	0.4%	93.8%	54.5	54.1	-0.4	-0.7%
95.1%	53.0	53.2	0.3	0.2%	95.1%	53.4	53.4	0.0	0.0%	95.1%	54.2	54.4	0.2	0.4%	95.1%	54.4	54.0	-0.4	-0.7%
96.3%	52.9	53.1	0.1	0.3%	96.3%	53.4	53.1	-0.2	-0.4%	96.3%	54.2	54.4	0.2	0.5%	96.3%	54.1	53.6	-0.4	-0.9%
97.5%	52.7	53.0	0.2	0.6%	97.5%	53.2	53.1	-0.2	-0.2%	97.5%	53.9	54.2	0.3	0.5%	97.5%	54.0	53.0	-1.0	-1.8%
98.8%	52.6	52.9	0.3	0.6%	98.8%	53.2	53.1	0.0	-0.1%	98.8%	53.7	54.2	0.5	0.8%	98.8%	52.8	53.0	0.1	0.2%
100.0%	52.4	52.4	0.0	0.0%	100.0%	53.1	52.8	-0.3	-0.6%	100.0%	53.5	54.0	0.5	1.0%	100.0%	52.7	52.9	0.2	0.4%
100.070	UL. T	02.1	0.0	0.070	100.076	00.1	02.0	0.0	0.070	100.070	00.0	01.0	0.0	1.070	.00.070	OL.,	02.0	U.L	0.170

Table SQ-05-7a Sacramento River at Bend Bridge, Monthly Temperature Long-term Average and Average by Water Year Type

						thly Temp	erature (DI	FG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Mav	Jun	Jul	Aua	Sep
					ng-term			,				
Full Simulation Period ¹												
No Action Alternative	55.2	51.1	46.4	44.7	46.2	49.4	52.8	55.4	55.5	56.2	57.2	57.8
Alternative C	54.8	51.0	46.6	44.9	46.2	49.4	53.3	55.5	55.5	56.1	56.9	57.4
Difference	-0.4	-0.2	0.2	0.2	0.0	0.0	0.5	0.1	0.0	-0.1	-0.3	-0.4
Percent Difference ³	-0.8%	-0.4%	0.5%	0.5%	0.1%	0.1%	0.9%	0.1%	0.1%	-0.1%	-0.6%	-0.79
				Water Y	ear Types	2						
Wet (32%)												
No Action Alternative	54.6	51.6	46.5	44.7	45.9	48.5	51.9	55.2	55.4	56.2	56.5	55.7
Alternative C	54.4	51.5	46.9	44.9	45.9	48.5	52.1	55.0	55.3	56.3	56.6	55.6
Difference	-0.2	-0.1	0.4	0.1	0.0	0.0	0.1	-0.2	-0.2	0.2	0.1	-0.1
Percent Difference	-0.4%	-0.2%	0.8%	0.3%	0.0%	0.1%	0.3%	-0.4%	-0.3%	0.3%	0.2%	-0.29
Above Normal (15%)												
No Action Alternative	54.2	50.9	46.9	44.9	46.2	49.6	53.2	56.0	54.7	55.1	56.6	56.8
Alternative C	53.8	50.8	47.3	45.2	46.3	49.6	53.5	55.7	54.9	55.1	56.7	56.9
Difference	-0.4	-0.1	0.4	0.2	0.0	0.0	0.3	-0.3	0.2	0.0	0.1	0.1
Percent Difference	-0.6%	-0.1%	0.9%	0.5%	0.0%	0.0%	0.6%	-0.5%	0.4%	0.0%	0.2%	0.1%
Below Normal (17%)												
No Action Alternative	53.9	50.6	46.7	44.5	45.8	49.3	53.3	55.5	55.0	55.5	56.2	57.6
Alternative C	53.5	50.4	46.8	44.7	45.8	49.3	53.8	55.6	55.1	55.4	56.3	57.2
Difference	-0.4	-0.1	0.1	0.2	0.0	0.0	0.6	0.2	0.1	-0.1	0.1	-0.4
Percent Difference	-0.7%	-0.3%	0.2%	0.4%	0.0%	0.0%	1.1%	0.3%	0.2%	-0.2%	0.1%	-0.79
Dry (22%)												
No Action Alternative	55.5	51.2	46.3	44.6	46.3	50.1	53.3	55.0	55.5	55.7	57.0	58.8
Alternative C	54.9	50.9	46.3	44.9	46.3	50.1	54.0	55.3	55.7	55.7	56.6	58.1
Difference	-0.6	-0.4	0.0	0.4	0.0	0.1	0.7	0.3	0.2	0.0	-0.5	-0.7
Percent Difference	-1.1%	-0.7%	0.0%	0.8%	0.0%	0.1%	1.3%	0.5%	0.4%	0.1%	-0.8%	-1.29
Critical (15%)		•			•		•					
No Action Alternative	58.6	51.0	45.5	44.6	46.9	50.3	52.9	55.8	56.9	59.0	60.6	62.3
Alternative C	57.8	50.7	45.8	44.8	47.1	50.4	53.8	56.4	56.9	58.3	58.6	61.2
Difference	-0.8	-0.3	0.2	0.2	0.1	0.1	0.9	0.5	-0.1	-0.7	-2.0	-1.1
Percent Difference	-1.4%	-0.6%	0.5%	0.5%	0.3%	0.2%	1.7%	0.9%	-0.1%	-1.2%	-3.2%	-1.89

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



Figure SQ-05-7b Sacramento River at Bend Bridge, Monthly Temperature Probability of Exceedance

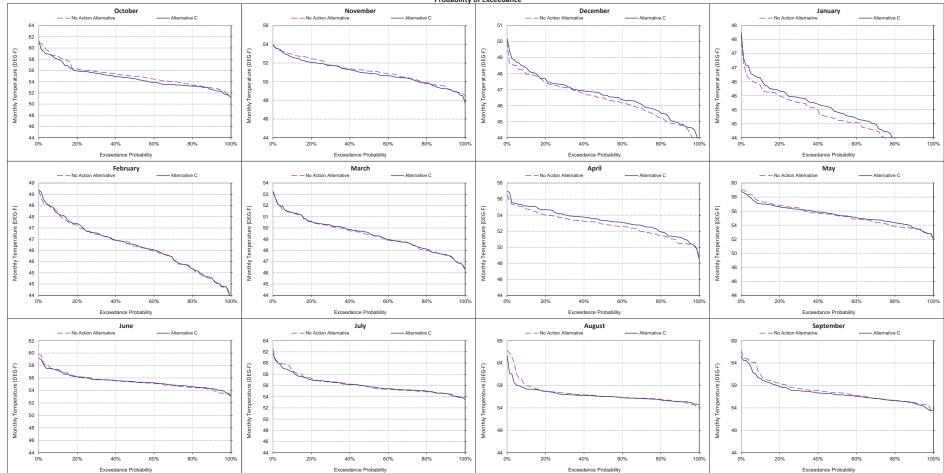


Table SO-05-7b Sacramento River at Bend Bridge, Monthly Temperature Probability of Exceedanc

Decembe

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Octobe

January Percent Percent Percent Percent No Action Alternative Alternative C Absolute Relative Exceedance Relative Exceedance Relative Relative Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG.E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% 0.0% 60.9 61.3 0.4 0.6% 0.0% 53.9 53.9 0.0% 50.0 50.2 0.4% 47.8 0.7% 1.2% 60.8 59.8 -1.1 -1.8% 1.2% 53.7 53.6 0.0 -0.1% 1.2% 48.6 49.4 0.8 1.7% 1.2% 46.7 46.8 0.2 0.4% 2.5% 60.4 59.4 -1.5% 2.5% 53.4 53.5 0.3% 2.5% 48.6 48.9 0.7% 2.5% 46.3 46.6 0.6% 3.7% 3.7% 59.8 59.0 -0.8 -1.4% 3.7% 53.3 53.4 0.1 0.2% 3.7% 48.5 48 9 0.4 0.7% 46.1 46.6 0.4 0.9% 4.9% 59.5 58.9 -0.5 -0.9% 4.9% 53.2 53.2 -0.1 -0.1% 4.9% 48.5 48.7 0.2 0.4% 4.9% 46.1 46.3 0.2 0.4% 6.2% 6.2% 6.2% 6.2% 58.8 58.8 0.0 -0.1% 53.1 53.0 -0.2 -0.3% 48.3 48.7 0.4 0.8% 46.0 46.2 0.3 0.6% 7.4% -0.3% 7.4% 52.9 -0.4% 7.4% 48.2 0.3 0.5% 7.4% 46.0 46.2 0.2 0.5% 8.6% 8.6% 8.6% 8.6% 58.6 58.1 -0.5 -0.9% 53.0 52.7 -0.3 -0.5% 48.2 48.5 0.2 0.5% 45.9 46.1 0.5% 9.9% 11.1% 12.3% 9.9% -1.0% -0.5% 0.8% 0.5% 11.1% 12.3% 58.2 57.8 -0.4 -0.7% -1.1% 11.1% 52.9 52.6 -0.3 -0.6% 11.1% 48.0 48.2 0.3 0.5% 45.7 46.0 0.3 0.7% 13.6% 13.6% 13.6% -0.5% 13.6% 0.5% 58 1 56.9 -12 -2 1% 52.7 52.5 -0 3 47 9 48 1 0.1 0.3% 45.6 45.8 0.2 -1.4% 47.9 16.0% 16.0% 16.0% 16.0% 57.7 56.5 -1.2 -2.1% 52.7 52.3 -0.4 -0.8% 47.8 47.9 0.1 0.1% 45.6 45.7 0.1 0.3% 18.5% -0.4 18.5% -0.8% 18.5% 0.3% 18.5% 0.4% 56.3 56.0 -0.6% 52.5 52.1 -0.4 47.6 47.7 0.1 45.5 45.7 0.2 19.8% 21.0% 56.3 56.2 55.9 55.8 -0.7% 52.0 -0.4 -0.4 19.8% 47.5 0.2 19.8% 21.0% 0.2 21.0% 47.4 47.5 -0.3 -0.6% 52.4 52.0 -0.8% 0.2% 45.5 45.6 0.4% 22.2% 23.5% 55.8 55.8 -0.5% -0.5% 22.2% 23.5% 52.0 -0.7% 22.2% 23.5% 22.2% 23.5% 0.2 -0.4 56.1 52.0 47.3 47.4 0.1 -0.3 52.3 -0.7% 0.2% 45.4 45.6 0.4% 24.7% 25.9% -0.4% 24.7% 25.9% 24.7% 25.9% 0.2% 24.7% 25.9% 45.5 45.5 56.0 52.0 -0.6% 47.3 17.1 45.4 0.1 56.0 55.7 -0.3 52.3 51.9 -0.3 -0.6% 47.3 47.4 0.1 45.3 0.3% 27.2% 28.4% 27.2% 28.4% 55.9 55.6 -0.6% 27.2% 52.0 51.8 -0.4% 27.2% 47 2 45.3 45.5 0.2 55.9 -0.3 -0.5% 28.4% 51.8 51.7 -0.1% 28.4% 47.2 47.3 0.2 0.4% 45.3 45.5 0.2 0.4% -0.1 29.6% 30.9% -0.6% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 47 0.3% 45.4 0.2 0.0 47.2 45.2 45.4 0.4% 0.0% 32.1% 55.7 55.4 -0.2 -0.4% 32.1% 51.7 51.7 0.0% 32.1% 47.1 47.2 0.1% 32.1% 45.2 45.4 0.2 0.4% 33.3% -0.7% 33.3% 51.7 0.0 0.0% 33.3% 0.0 0.1% 33.3% 45.4 0.2 0.4% 34.6% 55.6 -0.4 -0.8% 34.6% 51.6 51.6 -0.1% 34.6% 47.0 47.0 0.1% 34.6% 45.1 45.3 0.2 0.5% 35.8% -0.8% 35.8% 51.4 35.8% 35.8% 0.2 55.6 0.0 -0.1% 0.2% 45.3 0.4% 37.0% 55.5 -0.4 -0.7%37.0% 51.5 51.4 -0.1-0.1% 37.0% 46.9 47.0 0.0 0.1% 37.0% 45.1 45.3 0.2 0.4% 38.3% 55.5 -0.8% 38.3% 51.3 38.3% 38.3% -0.2% 46.9 39.5% 55.4 54.9 -0.6 -1.0% 39.5% 51.4 51.3 -0.1 -0.2% 39.5% 46.8 46.9 0.3% 39.5% 45.0 45.2 0.2 0.4% 40.7% 55.3 54.9 -0.8% 40.7% 51.4 51.2 -0.1 -0.2% 40.7% 46.7 46.9 0.2 0.4% 40.7% 44.8 45.2 0.3 0.8% 42.0% 55.3 54.9 -0.4-0.8% 42.0% 51.3 51.2 -0.1-0.2% 42.0% 46.7 46.9 0.2 0.5% 42.0% 44.8 45.2 0.3 0.8% 43.2% 55.2 54.8 -0.4 -0.7% 43.2% 51.3 51.1 -0.2 -0.3% 43.2% 46.7 46.9 0.2 0.4% 43.2% 44.8 45.1 0.4 0.8% 44.4% -0.4 -0.8% 44.4% 51.3 51.0 -0.2 -0.4% 44.4% 46.6 46.9 0.5% 44.4% 44.8 45.1 0.4 0.8% 45.7% 45.7% 45.7% 55.2 54.7 -0.4 -0.8% 51.3 51.0 -0.3 -0.5% 46.6 46.9 0.3 0.5% 45.7% 44.7 45.1 0.3 0.8% -0.7% 0.4 46.9% 55.0 54.7 -0.446.9% 51.2 51.0 -0.3-0.5% 46.9% 46.5 46.8 0.3 0.6% 46.9% 44.7 45.1 0.8% 48.1% 49.4% 55.0 54.6 -0.4 -0.7% 48.1% 51.2 50.9 -0.3 -0.5% 48.1% 46.5 46.8 0.3 0.6% 48.1% 44.7 45.0 0.3 0.6% -0.8% 49.4% 50.9 -0.2-0.4% 49.4% 46.5 0.4% 49.4% 44.7 44.9 0.3 0.6% 50.6% 50.6% 50.6% 50.6% 54.9 54.5 -0.4 -0.8% 51.1 50.9 -0.3 -0.5% 46.5 46.7 0.2 0.4% 44.6 44.9 0.3 0.6% 51.9% -0.6 -1.1% -1.1% 51.9% 50.9 -0.2 -0.2 -0.5% 46.3 0.3 0.7% 51.9% 53.1% 44.9 0.3 0.6% 53.1% 53.1% 53.1% 54.3 0.2 54 9 -0.6 51 1 50.8 -0.5% 46.3 46.5 44 6 449 0.6% 55.6% 56.8% 55.6% -1.0% -1.1% 55.6% 55.6% 54.7 54.1 -0.6 51.0 50.7 -0.3 -0.6% 46.3 46.5 0.2 0.5% 44.6 44.8 0.2 0.5% 58.0% 58.0% 58.0% 54.6 53.9 -0.7 -1.3% 50.9 50.6 -0.3 -0.5% 46.3 46.5 0.3 0.5% 58.0% 44.5 44.7 0.2 0.5% 60.5% 60.5% 60.5% 54.4 53.8 -0.6 -1.1% 50.8 50.6 -0.2 -0.4% 46.2 46.3 0.2 0.4% 60.5% 44.5 44.7 0.1 0.3% -1.0% 61.7% 50.6 44.6 63.0% 63.0% 54.3 63.0% 63.0% 53.7 -0.6 -1.1% 50.8 50.5 -0.3 -0.6% 46.1 46.3 0.3 0.6% 44.4 44.6 0.3 0.6% 64.2% 65.4% 54.1 54.1 53.5 53.5 -1.1% -1.1% 64.2% 65.4% 50.5 50.4 64.2% 65.4% 64.2% 65.4% 0.3 -0.6 -0.2 -0.3% 45.9 0.4 44.3 44.6 0.6% 50.6 46.3 0.8% 66.7% 67.9% -1.1% -1.0% 66.7% 67.9% 66.7% 67.9% 0.7% 66.7% 67.9% 54.1 54.1 53.5 53.5 -0.6 50.4 -0.2% 45.9 46.3 0.3 44.6 0.3 -0.5 50.4 -0.1 44.3 44.5 50.5 -0.2% 45.9 46.2 0.5% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% -1.0% 50.4 45 Q 44.3 44.5 0.2 54.0 53.5 44.2 -0.5 -1.0% 50.4 -0.1 -0.1% 45.9 46.1 0.2 0.5% 44.5 0.5% 50.4 71.6% 54.0 53.4 -0.6 -1.0% -0.9% 71.6% 50.3 0.0% 71.6% 45.7 45.9 0.2 0.5% 71.6% 44.2 443 0.1 72.8% 53.9 53.4 -0.5 72.8% 50.3 50.2 -0.1 -0.1% 72.8% 45.6 45.9 0.3 0.6% 72.8% 44.1 44.3 0.2 0.5% -0.8% 74.1% 75.3% 74.1% 75.3% 74.1% -0.2% -0.3% 74.1% 0.5% 44.0 44.2 0.2 75.3% 75.3% 45.5 0.3 0.6% 76.5% 53.6 53.3 -0.3 -0.6% 76.5% 50.0 49.9 -0.3% 76.5% 45.4 45.8 0.4 0.8% 76.5% 44.0 44.2 0.2 0.5% 77.8% -0.6% 77.8% -0.3% 77.8% 0.3 0.8% 77.8% 0.3 50.0 49.9 45.4 44.1 0.6% 79.0% 53.6 -0.3 -0.7% 79.0% 49.9 49.8 -0.1% 79.0% 45.2 45.7 0.4 0.9% 79.0% 43.8 43.9 0.1 0.2% 80.2% 53.3 -0.2% 80.2% 49.8 80.2% 80.2% 43.9 -0.2% 45.2 45.5 0.3 43.7 0.5% 81.5% 53.3 53.2 -0.2% 81.5% 49.8 49.8 -0.1% 81.5% 45.2 45.5 0.8% 81.5% 43.6 43.8 0.2 0.3% 82.7% 82.7% 53.3 -0.2% 82.7% 49.6 -0.1% 45.5 0.4 1.0% 82.7% 43.6 43.8 0.4% 84.0% 53.3 53.2 -0.1 -0.2% 84.0% 49.7 49.5 -0.3% 84.0% 45.0 45.3 0.8% 84.0% 43.5 43.7 0.2 0.5% 85.2% 53.1 53.0 -0.1 -0.3% 85.2% 49.6 49.4 -0.2 -0.4% 85.2% 44.9 45.1 0.2 0.4% 85.2% 43.5 43.7 0.2 0.5% 86.4% 53.1 52.9 -0.3% 86.4% 49.6 49.3 -0.5% 86.4% 44.9 45.0 0.3% 86.4% 43.5 43.7 0.2 0.5% 87.7% 53.0 52.9 -0.1 -0.1% 87.7% 49.6 493 -0.3 -0.6% 87.7% 44 9 45.0 0.1 0.3% 87.7% 43.5 43.7 0.2 0.5% 88.9% 53.0 52.7 -0.3 -0.6% 88.9% 49.5 49.3 -0.3 -0.5% 88.9% 44.8 44.9 0.1 0.3% 88.9% 43.4 43.7 0.2 0.5% 90.1% 52.8 52.6 -0.2 -0.5% 90.1% 49.4 49.2 -0.2 -0.4% 90.1% 44.8 44.8 0.1 0.1% 90.1% 43.4 43.6 0.1 0.3% 91.4% 52.4 -0.8% 91.4% 49.2 91.4% 44.8 91.4% 43.4 43.5 0.2 91.4% 92.6% 92.6% 52.8 52.4 -0.5 -0.9% 49 1 49 1 0.0 0.0% 44.7 447 0.1 0.1% 92.6% 43 3 43.5 0.4% 93.8% 48.9 44.6 44.7 93.8% 0.2 52.6 52.3 -0.3-0.5% 93.8% 48.9 0.0 0.0% 93.8% 0.2% 43.3 43.5 0.5% 95.1% 95.1% 95.1% 95.1% 52.5 52.3 -0.2 -0.4% 48.9 48.9 0.0 0.1% 44.3 44.6 0.3 0.7% 43.2 43.4 0.2 0.5% 96.3% 52.3 51.8 51.7 -1.0% 96.3% 48.9 48.8 -0.1% 96.3% 97.5% 44.0 44.6 0.6 1.3% 96.3% 97.5% 42.8 42.8 0.0 0.1% 97.5% 97.5% 1.5% 0.2% 52.0 -0 3 -0.6% 48.8 48.5 -0 2 -0.5% 43.8 445 0.6 42.7 42.8 -0.2% 0.4% 98.8% 42.7 0.3% 100.0% 100.0% 100.0% 100.0% 51.4 51.2 0.0 -0.5% 48.5 47.7 -0.8 -1.6% 42.6 42.9 0.4 0.8% 42.2 42.7 0.5 1.2%

Table SQ-05-7b
Sacramento River at Bend Bridge, Monthly Temperature
Probability of Exceedance

										of Exceedance									
Percent		February			Percent		March			Percent		April			Percent		May		
Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative
Probability	Monthly Temperature		Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature		Difference (DEG-F)	Difference (%)
0.0%	(DEG-F) 48.7	(DEG-F) 48.7	0.0	0.1%	0.0%	(DEG-F) 53.2	(DEG-F) 53.2	0.0	0.0%		(DEG-F) 56.5	(DEG-F) 57.0	0.4	0.8%	(%) 0.0%	(DEG-F) 59.1	(DEG-F) 58.8	-0.3	-0.5%
1.2%	48.4	48.6	0.0	0.1%	1.2%	52.7	52.7	0.0	-0.1%	1.2%	55.8	56.8	1.0	1.8%	1.2%	59.0	58.6	-0.3	-0.6%
2.5%	48.1	48.3	0.2	0.3%	2.5%	52.1	52.2	0.1	0.3%	2.5%	55.3	55.6	0.2	0.4%	2.5%	58.8	58.4	-0.3	-0.6%
3.7%	48.0	48.1	0.1	0.2%	3.7%	52.0	51.9	-0.1	-0.1%	3.7%	55.3	55.5	0.2	0.3%	3.7%	58.4	58.1	-0.2	-0.4%
4.9% 6.2%	48.0 47.9	48.0	0.0	0.0%	4.9%	51.6 51.5	51.9 51.6	0.3	0.7%	4.9%	55.2	55.4	0.2	0.4%	4.9%	58.3 58.3	57.9 57.5	-0.4	-0.7%
6.2% 7.4%	47.9 47.9	48.0 47.9	0.0	0.1%	6.2% 7.4%	51.5 51.5	51.5 51.5	0.1	0.1%	6.2% 7.4%	55.1 55.1	55.3 55.3	0.2	0.4%	6.2% 7.4%	58.3 57.7	57.5 57.3	-0.7 -0.4	-1.2% -0.7%
8.6%	47.8	47.7	-0.1	-0.2%	8.6%	51.4	51.4	0.0	0.1%	8.6%	54.9	55.2	0.3	0.5%	8.6%	57.5	57.1	-0.5	-0.8%
9.9%	47.7	47.6	-0.1	-0.1%	9.9%	51.3	51.4	0.0	0.0%	9.9%	54.8	55.1	0.4	0.7%	9.9%	57.4	57.0	-0.4	-0.6%
11.1%	47.5	47.6	0.0	0.1%	11.1%	51.3	51.3	0.0	0.0%	11.1%	54.7	55.1	0.4	0.7%	11.1%	57.3	57.0	-0.3	-0.5%
12.3% 13.6%	47.4 47.4	47.6 47.5	0.1	0.2%	12.3% 13.6%	51.2 51.2	51.3 51.2	0.1	0.2%	12.3% 13.6%	54.7 54.5	55.1 55.1	0.4	0.7% 1.1%	12.3% 13.6%	57.3 57.2	57.0 57.0	-0.3 -0.3	-0.5% -0.5%
14.8%	47.3	47.4	0.2	0.1%	14.8%	51.2	51.2	0.0	0.0%	14.8%	54.4	55.1	0.6	1.1%	14.8%	57.2	56.9	-0.2	-0.4%
16.0%	47.2	47.3	0.1	0.2%	16.0%	50.8	50.9	0.1	0.1%	16.0%	54.3	54.8	0.6	1.0%	16.0%	57.0	56.9	-0.2	-0.3%
17.3%	47.2	47.2	0.0	0.1%	17.3%	50.8	50.8	0.0	-0.1%	17.3%	54.1	54.7	0.6	1.1%	17.3%	56.9	56.8	-0.1	-0.2%
18.5% 19.8%	47.2 47.1	47.2 47.2	0.1 0.1	0.1% 0.2%	18.5% 19.8%	50.6 50.6	50.6 50.6	-0.1 -0.1	-0.1% -0.1%	18.5% 19.8%	54.1 54.0	54.7 54.7	0.6 0.7	1.1%	18.5% 19.8%	56.9 56.8	56.7 56.7	-0.2 -0.1	-0.3%
19.8%	47.1 47.0	47.2 47.1	0.1	0.2%	21.0%	50.5	50.5	-0.1	-0.1% 0.1%	19.8%	54.0 54.0	54.7	0.7	1.2%	21.0%	56.8	56.5	-0.1	-0.2% -0.5%
22.2%	47.0	47.1	0.1	0.2%	22.2%	50.4	50.4	0.0	0.1%	22.2%	53.9	54.6	0.7	1.3%	22.2%	56.8	56.5	-0.3	-0.4%
23.5%	47.0	47.0	0.0	0.0%	23.5%	50.4	50.4	0.0	0.1%	23.5%	53.9	54.6	0.7	1.2%	23.5%	56.6	56.5	-0.2	-0.3%
24.7%	46.9	46.9	0.0	0.0%	24.7%	50.3	50.4	0.0	0.1%	24.7%	53.9	54.3	0.5	0.9%	24.7%	56.6	56.4	-0.2	-0.3%
25.9% 27.2%	46.8 46.8	46.8 46.8	0.0	0.0% -0.1%	25.9% 27.2%	50.3 50.3	50.3 50.3	0.1	0.1%	25.9% 27.2%	53.8 53.7	54.2 54.2	0.4	0.7%	25.9% 27.2%	56.5 56.5	56.4 56.3	-0.1 -0.2	-0.2% -0.4%
28.4%	46.8	46.8	0.0	0.1%	28.4%	50.2	50.3	0.0	0.2%	28.4%	53.7	54.2	0.5	0.9%	28.4%	56.5	56.3	-0.2	-0.4%
29.6%	46.7	46.8	0.1	0.1%	29.6%	50.2	50.3	0.1	0.2%	29.6%	53.6	54.1	0.4	0.8%	29.6%	56.5	56.3	-0.2	-0.3%
30.9%	46.7	46.8	0.1	0.1%	30.9%	50.1	50.2	0.1	0.2%	30.9%	53.6	54.0	0.4	0.8%	30.9%	56.4	56.2	-0.2	-0.4%
32.1% 33.3%	46.7 46.6	46.7 46.6	0.0	0.0%	32.1%	50.1 50.0	50.1 50.1	0.1 0.1	0.1%	32.1% 33.3%	53.5 53.4	53.9 53.9	0.4	0.7%	32.1%	56.2 56.0	56.2 56.1	0.0	-0.1%
34.6%	46.6 46.6	46.6	0.0	0.0%	33.3% 34.6%	50.0	50.1	0.1	0.2%	34.6%	53.4	53.9	0.5 0.5	0.9%	33.3% 34.6%	55.9	56.1	0.2	0.3% 0.5%
35.8%	46.6	46.6	0.0	0.0%	35.8%	50.0	50.1	0.1	0.2%	35.8%	53.4	53.8	0.5	0.9%	35.8%	55.8	56.1	0.2	0.4%
37.0%	46.5	46.6	0.0	0.1%	37.0%	49.9	50.0	0.1	0.3%	37.0%	53.3	53.8	0.5	0.9%	37.0%	55.8	56.0	0.2	0.4%
38.3%	46.5	46.5	0.0	0.1%	38.3%	49.9	49.9	0.0	0.0%	38.3%	53.3	53.8	0.5	0.9%	38.3%	55.7	55.9	0.2	0.3%
39.5% 40.7%	46.5 46.5	46.5 46.4	0.0	0.0%	39.5% 40.7%	49.8 49.7	49.9 49.9	0.1 0.1	0.2%	39.5% 40.7%	53.3 53.2	53.8 53.7	0.5 0.5	1.0%	39.5% 40.7%	55.7 55.6	55.9 55.9	0.2	0.4%
42.0%	46.4	46.4	0.0	0.0%	42.0%	49.7	49.8	0.1	0.2%	42.0%	53.2	53.7	0.5	1.0%	42.0%	55.6	55.8	0.2	0.4%
43.2%	46.4	46.4	0.0	0.0%	43.2%	49.7	49.8	0.1	0.2%	43.2%	53.2	53.6	0.5	0.9%	43.2%	55.6	55.8	0.2	0.4%
44.4%	46.4	46.4	0.0	0.0%	44.4%	49.6	49.7	0.1	0.2%	44.4%	53.2	53.6	0.4	0.7%	44.4%	55.6	55.7	0.1	0.3%
45.7% 46.9%	46.4 46.4	46.3 46.3	-0.1 -0.1	-0.2%	45.7% 46.9%	49.6 49.5	49.7 49.7	0.1	0.2%	45.7% 46.9%	53.1 53.1	53.5 53.5	0.4	0.7%	45.7% 46.9%	55.6 55.5	55.7 55.7	0.1	0.2%
48.1%	46.4	46.3	0.0	0.1%	48.1%	49.5	49.7	0.2	0.4%	48.1%	53.0	53.5	0.5	0.7%	48.1%	55.4	55.5	0.1	0.2%
49.4%	46.2	46.3	0.1	0.2%	49.4%	49.4	49.6	0.2	0.4%	49.4%	52.9	53.3	0.4	0.8%	49.4%	55.4	55.5	0.1	0.1%
50.6%	46.2	46.2	0.1	0.1%	50.6%	49.4	49.5	0.1	0.2%	50.6%	52.9	53.3	0.4	0.8%	50.6%	55.3	55.4	0.1	0.2%
51.9%	46.1	46.2	0.0	0.1%	51.9%	49.4	49.4	0.0	0.0%	51.9%	52.8	53.3	0.5	0.9%	51.9%	55.3	55.4	0.0	0.1%
53.1% 54.3%	46.1 46.1	46.2 46.1	0.0	0.1%	53.1% 54.3%	49.3 49.3	49.3 49.3	0.0	0.0%	53.1% 54.3%	52.8 52.8	53.2 53.2	0.5	0.9%	53.1% 54.3%	55.3 55.2	55.3 55.3	0.1	0.1%
55.6%	46.1	46.1	0.0	0.0%	55.6%	49.3	49.3	0.0	0.0%	55.6%	52.7	53.2	0.5	0.9%	55.6%	55.2	55.3	0.1	0.2%
56.8%	46.0	46.1	0.0	0.1%	56.8%	49.2	49.1	0.0	-0.1%	56.8%	52.6	53.1	0.5	1.0%	56.8%	55.1	55.2	0.1	0.1%
58.0%	46.0	46.1	0.1	0.1%	58.0%	49.0	49.1	0.1	0.1%	58.0%	52.6	53.1	0.5	1.0%	58.0%	54.9	55.2	0.3	0.5%
59.3% 60.5%	46.0 45.9	46.0 46.0	0.1	0.1%	59.3% 60.5%	48.9 48.9	49.0 49.0	0.0	0.1%	59.3% 60.5%	52.6 52.6	53.1 53.0	0.5	1.0%	59.3% 60.5%	54.9 54.8	55.1 55.0	0.3	0.5%
60.5%	45.9 45.9	46.0 46.0	0.1	0.1%	61.7%	48.9 48.9	49.0	0.0	0.1%	61.7%	52.6 52.5	53.0	0.5 0.5	0.9%	60.5%	54.8 54.8	55.0	0.2	0.3% 0.2%
63.0%	45.9	45.9	0.1	0.1%	63.0%	48.9	48.9	0.0	0.1%	63.0%	52.5	52.9	0.4	0.8%	63.0%	54.8	54.9	0.1	0.2%
64.2%	45.8	45.9	0.0	0.1%	64.2%	48.9	48.8	0.0	0.0%	64.2%	52.4	52.9	0.5	0.9%	64.2%	54.8	54.9	0.2	0.3%
65.4%	45.8	45.8	0.0	-0.1%	65.4%	48.8	48.8	0.0	0.0%	65.4%	52.4	52.8	0.4	0.8%	65.4%	54.7	54.8	0.1	0.2%
66.7% 67.9%	45.8 45.8	45.8 45.7	0.0	0.1%	66.7% 67.9%	48.8 48.7	48.7 48.7	-0.1 0.0	-0.2% 0.0%	66.7% 67.9%	52.4 52.2	52.8 52.8	0.4	0.8% 1.1%	66.7% 67.9%	54.7 54.6	54.8 54.8	0.1 0.2	0.2%
69.1%	45.7	45.7	0.0	0.0%	69.1%	48.7	48.7	0.0	0.0%	69.1%	52.0	52.8	0.8	1.5%	69.1%	54.4	54.8	0.4	0.7%
70.4%	45.6	45.6	0.0	0.0%	70.4%	48.7	48.7	0.0	0.0%	70.4%	52.0	52.7	0.7	1.4%	70.4%	54.4	54.8	0.4	0.7%
71.6%	45.5	45.5	0.0	-0.1%	71.6%	48.7	48.6	-0.1	-0.1%	71.6%	51.9	52.5	0.7	1.3%	71.6%	54.3	54.7	0.4	0.7%
72.8%	45.4	45.4	0.0	0.1%	72.8%	48.4	48.5	0.0	0.1%	72.8%	51.8	52.5	0.7	1.3%	72.8%	54.3	54.7	0.4	0.8%
74.1% 75.3%	45.4 45.4	45.4 45.4	0.0	0.0%	74.1% 75.3%	48.4 48.3	48.4 48.3	0.0	0.0%	74.1% 75.3%	51.8 51.7	52.5 52.5	0.7 0.8	1.3% 1.6%	74.1% 75.3%	54.3 54.2	54.6 54.5	0.3	0.6%
76.5%	45.4	45.4	0.0	0.0%	76.5%	48.1	48.3	0.2	0.4%	76.5%	51.6	52.3	0.7	1.3%	76.5%	54.1	54.5	0.4	0.8%
77.8%	45.3	45.3	0.0	-0.1%	77.8%	48.1	48.2	0.1	0.3%	77.8%	51.6	52.3	0.6	1.2%	77.8%	53.9	54.5	0.6	1.1%
79.0%	45.2	45.2	0.0	-0.1%	79.0%	48.0	48.2	0.2	0.3%	79.0%	51.5	52.0	0.5	1.1%	79.0%	53.9	54.4	0.5	0.9%
80.2% 81.5%	45.2 45.1	45.2 45.1	0.0	0.0%	80.2% 81.5%	48.0 47.9	48.1 48.0	0.1 0.1	0.3%	80.2% 81.5%	51.5 51.4	51.9 51.9	0.4	0.9%	80.2% 81.5%	53.8 53.8	54.3 54.3	0.5 0.5	1.0% 1.0%
82.7%	45.1 45.0	45.1	0.0	0.1%	82.7%	47.9 47.8	47.8	0.0	0.0%	82.7%	51.4	51.9	0.5	0.7%	82.7%	53.7	54.3	0.5	1.0%
84.0%	44.9	45.0	0.0	0.1%	84.0%	47.8	47.8	0.0	0.0%	84.0%	51.2	51.4	0.2	0.4%	84.0%	53.7	54.2	0.5	0.9%
85.2%	44.9	44.9	0.1	0.2%	85.2%	47.8	47.8	0.0	0.0%	85.2%	51.0	51.4	0.4	0.7%	85.2%	53.7	54.1	0.4	0.8%
86.4%	44.8	44.8	0.0	0.1%	86.4%	47.7	47.7	0.0	0.0%	86.4%	51.0	51.3	0.3	0.6%	86.4%	53.7	54.1	0.4	0.8%
87.7% 88.9%	44.8 44.8	44.8 44.8	0.0	0.1%	87.7% 88.9%	47.7 47.6	47.7 47.6	0.0	0.0%	87.7% 88.9%	50.9 50.5	51.3 51.3	0.4	0.7%	87.7% 88.9%	53.6 53.6	54.0 53.7	0.4	0.7%
90.1%	44.8 44.7	44.8 44.8	0.1	0.1%	90.1%	47.5 47.5	47.6 47.6	0.0	0.0%	90.1%	50.5	51.3 51.2	0.8	1.5%	90.1%	53.5	53.7	0.1	0.2%
91.4%	44.6	44.6	0.0	-0.1%	91.4%	47.5	47.5	0.0	0.1%	91.4%	50.4	51.1	0.7	1.3%	91.4%	53.4	53.5	0.0	0.1%
92.6%	44.5	44.6	0.0	0.1%	92.6%	47.4	47.5	0.1	0.1%	92.6%	50.4	50.9	0.5	1.0%	92.6%	53.4	53.4	0.0	0.0%
93.8%	44.5	44.5	0.0	0.0%	93.8%	47.3	47.3	0.0	0.0%	93.8%	50.4	50.9	0.5	1.0%	93.8%	53.4	53.2	-0.2	-0.3%
95.1% 96.3%	44.4 44.4	44.4 44.4	0.0	0.1%	95.1% 96.3%	47.0 46.9	47.0 46.9	0.0	0.0%	95.1% 96.3%	50.4 50.3	50.5 50.4	0.1	0.3%	95.1% 96.3%	53.1 52.9	53.0 52.9	-0.1 0.0	-0.2% -0.1%
96.3%	44.4 44.3	44.4	0.0	0.1%	96.3%	46.9 46.8	46.9 46.9	0.0	0.0%	96.3%	50.3	50.4	-0.1	-0.1%	96.3%	52.9 52.7	52.9 52.8	0.0	-0.1%
98.8%	44.1	44.2	0.1	0.2%	98.8%	46.6	46.7	0.1	0.2%	98.8%	49.8	49.7	-0.1	-0.2%	98.8%	52.6	52.8	0.2	0.3%
100.0%	43.6	43.6	0.0	0.0%	100.0%	46.3	46.3	0.0	0.0%	100.0%	48.5	48.5	0.0	0.0%	100.0%	52.1	52.0	-0.1	-0.2%

Table SQ-05-7b
Sacramento River at Bend Bridge, Monthly Temperature
Probability of Exceedance

										of Exceedance									
Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative
Probability	Monthly Temperature		Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature		Difference (DEG-F)	Difference (%)
0.0%	(DEG-F) 59.9	(DEG-F) 59.1	-0.7	-1.2%	0.0%	(DEG-F) 62.5	(DEG-F) 61.7	-0.8	-1.3%	(%) 0.0%	(DEG-F) 66.8	(DEG-F) 65.7	-1.2	-1.8%	0.0%	(DEG-F) 66.7	(DEG-F) 65.5	-1.2	-1.8%
1.2%	59.7	59.0	-0.7	-1.1%	1.2%	60.7	60.5	-0.6	-0.2%	1.2%	66.3	61.8	-1.2	-6.8%	1.2%	65.2	64.6	-0.6	-0.9%
2.5%	58.4	58.2	-0.2	-0.4%	2.5%	60.2	60.1	-0.2	-0.3%	2.5%	65.3	61.5	-3.9	-5.9%	2.5%	65.0	64.6	-0.4	-0.7%
3.7%	58.0	57.6	-0.4	-0.7%	3.7%	60.0	59.8	-0.2	-0.3%	3.7%	64.1	59.7	-4.4	-6.9%	3.7%	64.8	64.1	-0.8	-1.2%
4.9% 6.2%	57.9	57.5	-0.4	-0.7%	4.9%	59.8	59.1 59.0	-0.7	-1.2%	4.9%	61.5	59.0	-2.5	-4.0%	4.9%	64.2 64.2	63.3 61.8	-0.9	-1.4%
6.2% 7.4%	57.6 57.5	57.5 57.4	-0.1 0.0	-0.1% -0.1%	6.2% 7.4%	59.8 59.5	59.0 58.9	-0.9 -0.7	-1.4% -1.1%	6.2% 7.4%	60.6 60.5	59.0 58.7	-1.7 -1.8	-2.7% -3.0%	6.2% 7.4%	64.1	61.6	-2.3 -2.5	-3.6% -3.9%
8.6%	57.3	57.4	0.1	0.1%	8.6%	59.5	58.6	-0.9	-1.5%	8.6%	59.4	58.5	-0.9	-1.5%	8.6%	62.4	60.7	-1.7	-2.7%
9.9%	57.2	57.4	0.2	0.4%	9.9%	58.5	58.5	0.0	-0.1%	9.9%	58.9	58.2	-0.7	-1.2%	9.9%	61.5	60.6	-0.9	-1.5%
11.1%	57.0	57.2	0.1	0.3%	11.1%	58.4	58.1	-0.3	-0.5%	11.1%	58.9	58.2	-0.7	-1.2%	11.1%	60.6	60.1	-0.5	-0.9%
12.3% 13.6%	56.6 56.6	56.8 56.8	0.2	0.3%	12.3% 13.6%	58.2 58.1	57.8 57.6	-0.4 -0.5	-0.6% -0.9%	12.3% 13.6%	58.7 58.7	58.2 58.1	-0.6 -0.6	-0.9% -1.0%	12.3% 13.6%	60.3 60.2	60.0 59.7	-0.4 -0.5	-0.6% -0.8%
14.8%	56.6	56.8	0.2	0.4%	14.8%	57.9	57.6	-0.3	-0.6%	14.8%	58.3	58.1	-0.0	-0.3%	14.8%	60.1	59.6	-0.5	-0.9%
16.0%	56.5	56.4	-0.1	-0.2%	16.0%	57.5	57.4	0.0	-0.1%	16.0%	58.2	58.0	-0.1	-0.2%	16.0%	60.1	59.4	-0.7	-1.2%
17.3%	56.5	56.3	-0.2	-0.3%	17.3%	57.4	57.4	0.0	0.0%	17.3%	58.0	57.8	-0.2	-0.4%	17.3%	59.8	59.2	-0.6	-1.0%
18.5% 19.8%	56.3 56.3	56.2 56.2	-0.1 -0.1	-0.1% -0.1%	18.5% 19.8%	57.4 57.3	57.1 57.0	-0.3 -0.3	-0.5% -0.5%	18.5% 19.8%	57.7 57.7	57.8 57.7	0.0	0.1%	18.5% 19.8%	59.6 59.5	59.0 58.8	-0.6 -0.7	-0.9% -1.2%
21.0%	56.2	56.1	-0.1	-0.2%	21.0%	57.1	56.9	-0.1	-0.3%	21.0%	57.7	57.7	0.0	0.0%	21.0%	59.3	58.6	-0.7	-1.2%
22.2%	56.2	56.1	-0.1	-0.2%	22.2%	56.9	56.9	0.0	-0.1%	22.2%	57.7	57.5	-0.1	-0.2%	22.2%	59.3	58.6	-0.7	-1.2%
23.5%	56.1	56.1	-0.1	-0.1%	23.5%	56.9	56.9	0.0	0.0%	23.5%	57.6	57.5	0.0	-0.1%	23.5%	59.1	58.5	-0.6	-0.9%
24.7% 25.9%	56.1 56.1	56.0 56.0	-0.1 -0.1	-0.2% -0.2%	24.7% 25.9%	56.7 56.7	56.8 56.8	0.1 0.1	0.2% 0.2%	24.7% 25.9%	57.5 57.4	57.3 57.3	-0.2 -0.1	-0.4% -0.2%	24.7% 25.9%	58.7 58.6	58.1 57.9	-0.5 -0.7	-0.9% -1.1%
25.9% 27.2%	56.0	55.8	-0.1	-0.2%	25.9%	56.7 56.7	56.7	0.1	0.2%	25.9%	57.4 57.4	57.3 57.1	-0.1	-0.2%	25.9%	58.6 58.5	57.9 57.9	-0.7	-1.1% -0.9%
28.4%	55.9	55.8	-0.1	-0.2%	28.4%	56.6	56.7	0.1	0.1%	28.4%	57.4	57.0	-0.4	-0.6%	28.4%	58.4	57.9	-0.5	-0.8%
29.6%	55.8	55.7	0.0	-0.1%	29.6%	56.6	56.7	0.0	0.1%	29.6%	57.3	57.0	-0.4	-0.6%	29.6%	58.3	57.8	-0.5	-0.8%
30.9%	55.8	55.7	0.0	-0.1%	30.9%	56.6	56.5	-0.1	-0.2%	30.9%	57.2	57.0	-0.2	-0.4%	30.9%	58.3	57.8	-0.5	-0.9%
32.1% 33.3%	55.8 55.7	55.7 55.7	0.0	-0.1% 0.0%	32.1% 33.3%	56.6 56.6	56.5 56.5	-0.1 -0.1	-0.2% -0.2%	32.1% 33.3%	57.2 57.2	57.0 56.9	-0.2 -0.3	-0.4% -0.5%	32.1% 33.3%	58.2 58.0	57.8 57.7	-0.5 -0.3	-0.8% -0.5%
34.6%	55.7	55.7	0.0	0.0%	34.6%	56.6	56.5	-0.1	-0.1%	34.6%	57.2	56.9	-0.3	-0.5%	34.6%	58.0	57.7	-0.3	-0.5%
35.8%	55.7	55.7	0.0	0.0%	35.8%	56.4	56.3	-0.1	-0.3%	35.8%	57.0	56.9	-0.2	-0.3%	35.8%	57.9	57.6	-0.3	-0.6%
37.0%	55.7	55.7	0.0	0.0%	37.0%	56.4	56.3	-0.2	-0.3%	37.0%	57.0	56.8	-0.2	-0.4%	37.0%	57.9	57.5	-0.4	-0.7%
38.3% 39.5%	55.7 55.6	55.6 55.6	0.0	0.0% -0.1%	38.3% 39.5%	56.4 56.2	56.2 56.2	-0.1 -0.1	-0.2% -0.1%	38.3% 39.5%	56.9 56.9	56.8 56.8	-0.2 -0.2	-0.3% -0.3%	38.3% 39.5%	57.9 57.8	57.5 57.3	-0.4 -0.5	-0.7% -0.9%
39.5% 40.7%	55.6	55.5	0.0	-0.1%	40.7%	56.2	56.2 56.2	-0.1	-0.1%	39.5% 40.7%	56.9	56.8	-0.2	-0.3%	39.5% 40.7%	57.8 57.8	57.3 57.3	-0.5	-0.9%
42.0%	55.5	55.5	0.0	0.0%	42.0%	56.2	56.2	-0.1	-0.1%	42.0%	56.9	56.7	-0.1	-0.2%	42.0%	57.7	57.3	-0.4	-0.7%
43.2%	55.5	55.5	0.0	0.0%	43.2%	56.2	56.1	-0.1	-0.1%	43.2%	56.9	56.7	-0.1	-0.2%	43.2%	57.6	57.3	-0.4	-0.6%
44.4%	55.4	55.5	0.1	0.1%	44.4%	56.0	56.1	0.1	0.2%	44.4%	56.8	56.7	-0.1	-0.2%	44.4%	57.6	57.2	-0.4	-0.6%
45.7% 46.9%	55.4 55.4	55.5 55.5	0.1	0.1%	45.7% 46.9%	56.0 56.0	56.0 55.9	-0.1 -0.1	-0.1% -0.1%	45.7% 46.9%	56.7 56.7	56.6 56.6	-0.1 -0.1	-0.2% -0.2%	45.7% 46.9%	57.5 57.5	57.2 57.2	-0.3 -0.3	-0.5% -0.5%
48.1%	55.4	55.5	0.1	0.1%	48.1%	55.9	55.9	0.0	0.0%	48.1%	56.6	56.6	0.0	0.0%	48.1%	57.5	57.0	-0.4	-0.7%
49.4%	55.3	55.4	0.1	0.2%	49.4%	55.8	55.8	0.0	0.0%	49.4%	56.5	56.5	0.0	0.0%	49.4%	57.4	57.0	-0.4	-0.7%
50.6%	55.3	55.3	0.0	0.0%	50.6%	55.7	55.8	0.0	0.0%	50.6%	56.5	56.5	0.0	0.0%	50.6%	57.4	56.9	-0.5	-0.8%
51.9% 53.1%	55.3 55.3	55.3 55.3	0.0	0.1% 0.1%	51.9% 53.1%	55.6 55.5	55.7 55.7	0.2 0.2	0.3%	51.9% 53.1%	56.5 56.5	56.5 56.5	0.0	0.0%	51.9% 53.1%	57.3 57.3	56.9 56.9	-0.4 -0.4	-0.7% -0.7%
53.1%	55.3 55.2	55.3	0.0	0.1%	54.3%	55.5 55.4	55.7 55.6	0.2	0.4%	54.3%	56.5	56.5	0.0	0.0%	53.1%	57.3	56.8	-0.4	-0.7%
55.6%	55.2	55.3	0.1	0.1%	55.6%	55.4	55.6	0.2	0.3%	55.6%	56.5	56.5	0.0	0.0%	55.6%	57.1	56.8	-0.3	-0.6%
56.8%	55.2	55.3	0.1	0.1%	56.8%	55.4	55.5	0.1	0.2%	56.8%	56.4	56.4	0.0	0.0%	56.8%	57.0	56.7	-0.3	-0.5%
58.0%	55.2	55.2	0.1	0.1%	58.0%	55.4	55.5	0.1	0.2%	58.0%	56.4	56.4	0.0	0.0%	58.0%	56.8	56.7	0.0	-0.1%
59.3% 60.5%	55.1 55.1	55.2 55.2	0.1 0.1	0.2% 0.2%	59.3% 60.5%	55.3 55.3	55.5 55.5	0.2	0.3%	59.3% 60.5%	56.3 56.3	56.4 56.3	0.0	0.1%	59.3% 60.5%	56.8 56.7	56.6 56.6	-0.1 -0.2	-0.2% -0.3%
61.7%	55.1	55.1	0.1	0.2%	61.7%	55.3	55.4	0.2	0.2%	61.7%	56.2	56.3	0.0	0.0%	61.7%	56.7	56.5	-0.2	-0.3%
63.0%	55.0	55.1	0.1	0.1%	63.0%	55.3	55.4	0.1	0.2%	63.0%	56.2	56.2	0.0	0.1%	63.0%	56.6	56.5	-0.1	-0.3%
64.2%	55.0	55.1	0.1	0.2%	64.2%	55.2	55.3	0.1	0.2%	64.2%	56.2	56.2	0.0	0.0%	64.2%	56.6	56.3	-0.3	-0.5%
65.4%	54.9 54.8	55.1 55.0	0.2	0.4%	65.4%	55.2	55.3 55.3	0.2	0.3%	65.4%	56.2 56.2	56.2 56.1	0.0	0.0%	65.4% 66.7%	56.5 56.3	56.3 56.2	-0.2	-0.3%
66.7% 67.9%	54.8 54.8	54.9	0.2	0.3% 0.1%	66.7% 67.9%	55.2 55.2	55.2	0.1 0.1	0.2%	66.7% 67.9%	56.2	56.1	0.0	0.0%	67.9%	56.2	56.2	-0.1 0.0	-0.1% 0.0%
69.1%	54.8	54.9	0.0	0.1%	69.1%	55.1	55.2	0.1	0.1%	69.1%	56.2	56.1	-0.1	-0.1%	69.1%	56.1	56.1	0.0	0.0%
70.4%	54.8	54.9	0.1	0.1%	70.4%	55.1	55.2	0.1	0.2%	70.4%	56.2	56.1	-0.1	-0.2%	70.4%	56.1	56.1	0.0	0.0%
71.6%	54.7	54.9	0.2	0.3%	71.6%	55.1	55.2	0.1	0.2%	71.6%	56.1	56.0	-0.1	-0.2%	71.6%	56.0	56.1	0.1	0.2%
72.8% 74.1%	54.7 54.6	54.8 54.8	0.1	0.3%	72.8% 74.1%	55.1 55.0	55.2 55.2	0.1	0.2%	72.8% 74.1%	56.1 56.1	56.0 56.0	-0.1 -0.1	-0.2% -0.1%	72.8% 74.1%	56.0 55.9	56.0 55.9	0.0 -0.1	0.0% -0.1%
75.3%	54.6	54.8	0.2	0.3%	75.3%	55.0	55.1	0.1	0.3%	75.3%	56.1	56.0	-0.1	-0.1%	75.3%	55.9	55.8	-0.1	-0.1%
76.5%	54.6	54.7	0.2	0.3%	76.5%	54.9	55.1	0.2	0.3%	76.5%	56.1	55.9	-0.1	-0.2%	76.5%	55.7	55.8	0.0	0.0%
77.8%	54.5	54.7	0.2	0.3%	77.8%	54.9	55.1	0.2	0.4%	77.8%	56.0	55.9	-0.1	-0.2%	77.8%	55.7	55.7	-0.1	-0.1%
79.0%	54.5	54.7	0.2	0.3%	79.0%	54.9	55.1	0.2	0.3%	79.0%	56.0	55.9	-0.1	-0.1%	79.0%	55.7	55.6	-0.1	-0.1%
80.2% 81.5%	54.5 54.4	54.6 54.5	0.1 0.1	0.3%	80.2% 81.5%	54.9 54.8	55.0 55.0	0.1 0.1	0.2%	80.2% 81.5%	55.9 55.9	55.7 55.7	-0.2 -0.2	-0.3% -0.3%	80.2% 81.5%	55.7 55.5	55.6 55.6	-0.1 0.1	-0.1% 0.2%
82.7%	54.4	54.5	0.1	0.1%	82.7%	54.8	54.9	0.1	0.2%	82.7%	55.8	55.6	-0.1	-0.2%	82.7%	55.5	55.5	0.0	0.0%
84.0%	54.4	54.5	0.1	0.1%	84.0%	54.8	54.7	0.0	-0.1%	84.0%	55.7	55.6	-0.1	-0.3%	84.0%	55.5	55.4	-0.1	-0.1%
85.2%	54.3	54.5	0.1	0.3%	85.2%	54.7	54.6	-0.1	-0.2%	85.2%	55.7	55.5	-0.1	-0.2%	85.2%	55.5	55.4	-0.1	-0.2%
86.4% 87.7%	54.3 54.3	54.5 54.4	0.2	0.3%	86.4% 87.7%	54.7 54.6	54.6 54.6	0.0	-0.1% 0.0%	86.4% 87.7%	55.6 55.5	55.5 55.4	-0.1 -0.1	-0.2% -0.1%	86.4% 87.7%	55.4 55.4	55.4 55.2	0.0 -0.2	0.0% -0.3%
87.7% 88.9%	54.3 54.2	54.4	0.1	0.1%	87.7%	54.6 54.6	54.6	0.0	0.0%	87.7% 88.9%	55.5 55.4	55.4 55.4	-0.1	-0.1%	87.7%	55.4 55.3	55.2	-0.2	-0.3%
90.1%	54.1	54.3	0.0	0.2%	90.1%	54.5	54.6	0.0	0.1%	90.1%	55.3	55.4	0.0	0.1%	90.1%	55.2	55.0	-0.2	-0.3%
91.4%	53.9	54.2	0.3	0.6%	91.4%	54.5	54.5	0.0	0.0%	91.4%	55.3	55.4	0.1	0.1%	91.4%	55.0	54.8	-0.2	-0.4%
92.6%	53.9	54.1	0.2	0.4%	92.6%	54.5	54.3	-0.2	-0.3%	92.6%	55.3	55.3	0.1	0.1%	92.6%	54.9	54.6	-0.3	-0.5%
93.8% 95.1%	53.6 53.6	54.0 54.0	0.4	0.8%	93.8% 95.1%	54.5 54.1	54.1 54.1	-0.3 0.0	-0.6% 0.0%	93.8% 95.1%	55.0 54.9	55.3 55.2	0.3 0.2	0.6%	93.8% 95.1%	54.8 54.8	54.6 54.4	-0.2 -0.4	-0.5% -0.8%
95.1%	53.b 53.5	53.9	0.4	0.8%	95.1% 96.3%	54.1 54.0	54.1	-0.1	-0.2%	95.1% 96.3%	54.9 54.8	55.2 55.1	0.2	0.4%	95.1% 96.3%	54.8 54.7	54.4 54.0	-0.4	-0.8%
97.5%	53.5	53.6	0.1	0.1%	97.5%	54.0	53.8	-0.1	-0.3%	97.5%	54.6	54.9	0.3	0.5%	97.5%	54.6	53.5	-1.1	-2.0%
98.8%	53.3	53.6	0.3	0.5%	98.8%	53.9	53.8	-0.1	-0.2%	98.8%	54.4	54.8	0.4	0.8%	98.8%	53.3	53.4	0.1	0.2%
100.0%	53.1	53.1	0.0	0.0%	100.0%	53.8	53.5	-0.3	-0.6%	100.0%	54.2	54.7	0.5	1.0%	100.0%	53.1	53.4	0.2	0.5%

Table SQ-06-7a Sacramento River at Red Bluff, Monthly Temperature Long-term Average and Average by Water Year Type

					Mon	thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Loi	ng-term							
Full Simulation Period ¹												
No Action Alternative	55.4	51.0	46.1	44.5	46.2	49.7	53.4	56.4	57.1	57.9	58.8	58.9
Alternative C	55.0	50.8	46.3	44.7	46.3	49.7	53.8	56.5	57.1	57.9	58.5	58.6
Difference	-0.4	-0.2	0.2	0.2	0.0	0.0	0.5	0.1	0.0	0.0	-0.3	-0.3
Percent Difference ³	-0.7%	-0.3%	0.5%	0.5%	0.1%	0.1%	0.9%	0.2%	0.1%	-0.1%	-0.5%	-0.69
				Water Y	ear Types	1						
Wet (32%)												
No Action Alternative	54.8	51.4	46.2	44.6	45.9	48.7	52.3	56.1	56.9	57.9	58.2	56.7
Alternative C	54.6	51.3	46.5	44.8	46.0	48.7	52.5	55.9	56.8	58.1	58.3	56.6
Difference	-0.2	-0.1	0.4	0.1	0.0	0.0	0.1	-0.2	-0.2	0.2	0.1	-0.1
Percent Difference	-0.3%	-0.2%	0.8%	0.3%	0.0%	0.1%	0.3%	-0.3%	-0.3%	0.3%	0.2%	-0.2
Above Normal (15%)												
No Action Alternative	54.5	50.7	46.5	44.8	46.3	49.8	53.7	57.1	56.4	56.9	58.3	58.0
Alternative C	54.2	50.7	46.9	45.0	46.3	49.9	54.0	56.8	56.6	56.8	58.4	58.
Difference	-0.3	0.0	0.4	0.2	0.0	0.0	0.3	-0.3	0.2	0.0	0.1	0.1
Percent Difference	-0.6%	-0.1%	0.8%	0.5%	0.0%	0.0%	0.6%	-0.5%	0.4%	0.0%	0.2%	0.29
Below Normal (17%)												
No Action Alternative	54.2	50.4	46.4	44.3	45.8	49.6	53.9	56.5	56.7	57.2	57.9	58.9
Alternative C	53.9	50.3	46.5	44.5	45.9	49.6	54.5	56.7	56.8	57.1	58.0	58.5
Difference	-0.3	-0.1	0.1	0.2	0.0	0.0	0.6	0.2	0.1	-0.1	0.1	-0.4
Percent Difference	-0.6%	-0.2%	0.2%	0.4%	0.0%	0.0%	1.1%	0.4%	0.2%	-0.2%	0.2%	-0.79
Dry (22%)												
No Action Alternative	55.7	51.1	46.0	44.3	46.4	50.4	54.0	56.1	57.1	57.4	58.6	60.0
Alternative C	55.2	50.7	46.0	44.7	46.4	50.4	54.7	56.4	57.3	57.5	58.2	59.4
Difference	-0.5	-0.3	0.0	0.4	0.0	0.1	0.7	0.3	0.2	0.1	-0.4	-0.6
Percent Difference	-0.9%	-0.6%	0.0%	0.8%	0.0%	0.1%	1.3%	0.6%	0.4%	0.1%	-0.7%	-1.0
Critical (15%)												
No Action Alternative	58.6	50.7	45.2	44.3	47.0	50.8	53.6	56.9	58.4	60.5	62.0	63.1
Alternative C	57.9	50.4	45.4	44.5	47.1	50.8	54.5	57.5	58.4	59.8	60.1	62.
Difference	-0.7	-0.3	0.2	0.2	0.1	0.1	0.9	0.6	0.0	-0.6	-1.9	-1.0
Percent Difference	-1.2%	-0.6%	0.5%	0.4%	0.2%	0.2%	1.7%	1.1%	0.0%	-1.0%	-3.0%	-1.5

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



Figure SQ-06-7b Sacramento River at Red Bluff, Monthly Temperature Probability of Exceedance

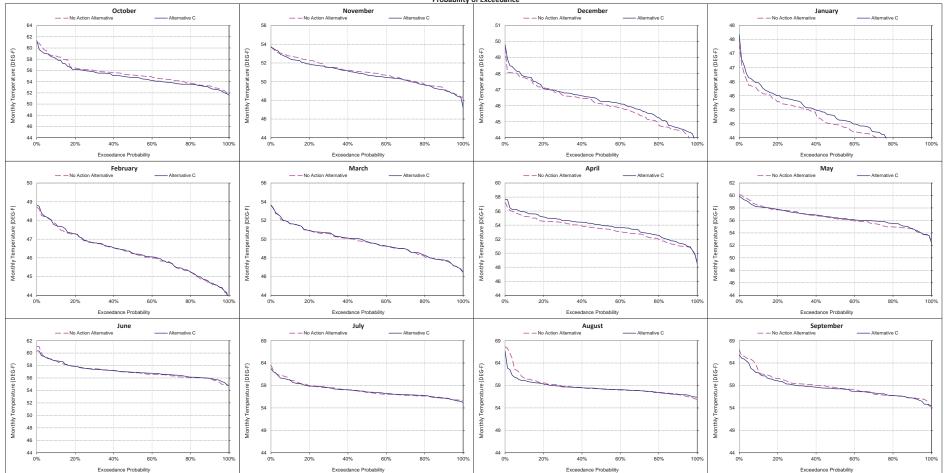


Table SO-06-7b Sacramento River at Red Bluff, Monthly Temperature Probability of Exceedanc

Decembe

November

Octobe

January Percent Percent Percent Percent No Action Alternative Alternative C Absolute Relative Exceedance Relative Relative Relative Exceedance Difference Difference Difference Difference Monthly Temperature Difference (%) Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) 0.0% 60.9 61.3 0.0% 53.7 53.7 0.0% 49.6 49.8 0.4% 47.7 0.7% 0.1% 1.2% 60.9 59.7 -1.1 -1.9% 1.2% 53.5 53.6 0.1 1.2% 48.1 48.9 0.8 1.8% 1.2% 46.6 46.8 0.2 0.4% 2.5% 60.3 59.4 -1.5% 2.5% 53.2 53.4 0.3% 2.5% 48.1 48.5 0.9% 2.5% 46.3 46.6 0.6% 3.7% 3.7% 59.7 59.1 -0.6 -1.1% 3.7% 53.1 53.3 0.2 0.4% 3.7% 48.1 48.5 0.4 0.8% 46.1 46.3 0.2 0.5% 4.9% 59.5 59.0 -0.5 -0.9% 4.9% 53.1 52.9 -0.1 -0.3% 4.9% 48.0 48.3 0.2 0.5% 4.9% 45.9 46.1 0.3 0.6% 6.2% 6.2% 6.2% 6.2% 58.8 58.9 0.1 0.2% 53.0 52.8 -0.2 -0.4% 48.0 48.1 0.1 0.2% 45.9 46.1 0.3 0.6% 7.4% -0.5% 7.4% -0.2-0.4% 7.4% 47.8 0.6% 7.4% 45.8 46.0 0.2 0.4% 0.3 8.6% 8.6% 8.6% 8.6% 58.6 58.4 -0.2 -0.4% 52.8 52.6 -0.2 -0.3% 47.8 47 9 0.2% 45.8 46.0 0.4% 9.9% 11.1% 12.3% -0.7% 9.9% -0.6% 0.2% 0.6% 11.1% 12.3% 58.4 57.8 -0.6 -1.0% 11.1% 52.7 52.4 -0.4 -0.7% 11.1% 47.7 47.8 0.1 0.2% 45.7 45.9 0.2 0.5% 13.6% 13.6% 13.6% 13.6% 0.3% 58.0 57.2 -0 R -1 4% 52.6 523 -0 3 -0.6% 47.6 47.8 0.2 0.3% 45.6 45.7 0.1 47.3 16.0% 16.0% 16.0% 16.0% 57.9 56.7 -1.2 -2.0% 52.4 52.1 -0.4 -0.7% 47.3 47.5 0.2 0.4% 45.5 45.6 0.1 0.2% 18.5% 18.5% 51.9 -0.8% 18.5% 0.3% 18.5% 0.4% 56.4 56.2 -0.2 -0.4% 52.3 -0.4 47.2 47.3 0.2 45.4 45.5 0.2 19.8% 21.0% 56.4 56.4 -0.2 -0.2 -0.4% 51.9 51.8 -0.4 -0.5 19.8% 47.1 0.0 19.8% 21.0% 0.2 21.0% 47.0 56.2 52.2 -0.9% 47.1 -0.1% 45.3 45.5 0.5% 22.2% 23.5% -0.2% -0.2% 22.2% 23.5% -0.8% 22.2% 23.5% 22.2% 23.5% 45.4 -0.1 -0.1 0.2 -0.1 51.7 -0.3 47.1 47.0 56.2 56.1 52.1 -0.6% -0.2% 45.2 45.4 0.5% 24.7% 25.9% -0.3% -0.4% 24.7% 25.9% 24.7% 25.9% 0.0% 24.7% 25.9% 56.2 51.7 -0.6% 47 O 47.0 45.2 45.4 0.2 56.1 55.9 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43.5 0.1 0.3% -0.5% 87.7% 53.3 53.1 -0.2 -0.3% 87.7% 49.4 49.2 -0.3 87.7% 44.5 447 0.2 0.4% 87.7% 43.2 43.4 0.2 0.5% 88.9% 53.2 53.1 -0.1 -0.3% 88.9% 49.4 49.1 -0.3 -0.6% 88.9% 44.5 44.6 0.1 0.3% 88.9% 43.2 43.4 0.2 0.6% 90.1% 53.2 52.9 -0.4 -0.7% 90.1% 49.2 49.1 -0.1 -0.3% 90.1% 44.5 44.6 0.2 0.3% 90.1% 43.2 43.4 0.2 0.5% 91.4% 52.7 -0.8% 91.4% 49.0 91.4% 44.5 44.6 91.4% 43.1 43.4 0.2 91.4% 92.6% 92.6% 52.9 52.6 -0.3 -0.5% 48 9 49.0 0.0 0.0% 44.4 44.5 0.1 0.2% 92.6% 43.1 433 0.5% 93.8% -0.5% 48.8 44.3 44.5 93.8% 0.2 52.9 -0.393.8% 48.8 0.0 0.0% 93.8% 0.4% 43.1 43.2 0.3% 95.1% 95.1% 95.1% 95.1% 52.7 52.5 -0.2 -0.4% 48.7 48.8 0.0 0.1% 44.2 44.4 0.2 0.5% 43.0 43.2 0.2 0.4% 96.3% 52.3 -0.4% 96.3% 48.6 48.5 -0.2% 96.3% 97.5% 43.9 44.3 0.5 1.1% 96.3% 97.5% 42.7 42.7 0.0 0.1% 97.5% 52.0 -0.4 97.5% 0.2% 52.4 -0.8% 48.6 48 4 -0 2 -0.4% 43.6 442 1.5% 42 6 427 -0.2% 98.8% 42.7 100.0% 100.0% 100.0% 51.8 51.6 0.0 -0.4% 100.0% 48.3 47.2 -2.3% 42.2 42.5 0.3 0.7% 41.9 42.4 0.5 1.2%

Table SQ-06-7b Sacramento River at Red Bluff, Monthly Temperature Probability of Exceedance

April

March

February

Percent Percent Percent Percent No Action Alternative Alternative C Absolute Relative Exceedance Relative Exceedance Relative Relative Difference Difference Difference Difference Monthly Temperature Difference (%) Difference (%) Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) (DEG-F) 0.0% 48.7 48.8 0.2% 0.0% 53.6 53.6 0.0% 57.3 57.7 0.7% 60.1 59.9 -0.3% 1.2% 48.6 48.8 0.1 0.3% 1.2% 53.3 53.3 0.0 -0.1% 1.2% 56.5 57.6 1.1 2.0% 1.2% 60.1 59.6 -0.5 -0.8% 2.5% 48.3 48.4 0.2% 2.5% 52.7 52.8 0.2% 2.5% 56.1 56.5 0.6% 2.5% 59.6 59.3 -0.5% 3.7% 3.7% 48.2 48 3 0.0 0.1% 3.7% 52.7 52.6 -0.1 -0.1% 3.7% 56.0 56.2 0.3 0.5% 59.6 59.2 -0.4 -0.7% 4.9% 48.2 48.2 0.0 0.0% 4.9% 52.1 52.4 0.3 0.6% 4.9% 55.8 56.2 0.7% 4.9% 59.3 59.0 -0.3 -0.6% 6.2% 6.2% 6.2% 6.2% 48.1 48.1 0.0 0.1% 52.0 52.0 0.1 0.1% 55.7 56.2 0.6 1.0% 59.2 58.6 -0.6 -1.0% 7.4% 48.0 48.0 0.0% 7.4% 0.0 0.1% 7.4% 55.5 0.5 0.9% 7.4% 58.7 58.4 -0.3 -0.4 -0.5% 8.6% 8.6% 8.6% 8.6% 47.9 47.8 -0.1 -0.2% 51.9 51.9 0.0 0.0% 55.4 55.9 0.9% 58.6 58.2 -0.7% 9.9% 11.1% 12.3% 9.9% -0.2% 0.0% -0.3% 11.1% 12.3% 47.6 47.7 0.0 0.1% 11.1% 51.6 51.6 0.0 0.1% 11.1% 55.2 55.8 0.6 1.0% 58.4 58.2 -0.2 -0.3% 13.6% 13.6% 13.6% 13.6% 0.0% 47.5 47.6 0.2 0.4% 51.5 515 0.0 0.0% 55.0 55.6 0.6 1.1% 58 1 58 1 0.0 16.0% 16.0% 16.0% 16.0% 47.3 47.4 0.0 0.1% 51.3 51.4 0.0 0.1% 55.0 55.6 0.6 1.1% 57.9 58.0 0.1 0.2% 18.5% 0.1% 18.5% 51.0 -0.1% 18.5% 1.1% 18.5% 0.1 0.2% 47.3 47.3 0.0 51.0 0.0 54.6 55.2 0.6 57.8 57.9 19.8% 21.0% 47.3 47.3 47.3 47.3 0.0 19.8% 21.0% 55.2 55.1 0.6 1.2% 19.8% 21.0% 57.7 57.7 57.8 0.1 0.1% -0.1 0.0 21.0% 0.0% 50.9 50.9 0.1% 54.5 57.7 22.2% 23.5% 47.1 47.0 0.1% 22.2% 23.5% 22.2% 23.5% 55.0 22.2% 23.5% -0.1 -0.1 50.8 47.1 57.6 0.1 57.7 50.8 50.8 0.0 0.1% 54.5 55.0 0.5 0.8% -0.1% 24.7% 25.9% 0.0% 24.7% 25.9% 24.7% 25.9% 24.7% 25.9% 46.9 46.9 0.0 50.8 54.5 55.0 0.8% 57.5 -0.1 -0.2 -0.2% 46.9 0.1 0.3% 54.5 55.0 0.5 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0.0% 53.3 53.8 0.5 1.0% 56.1 56.3 0.2 0.3% 58.0% 58.0% 58.0% 46.0 46.1 0.0 0.1% 49.4 49.3 -0.1 -0.1% 53.1 53.7 0.6 1.1% 58.0% 56.0 56.2 0.2 0.3% 60.5% 60.5% 60.5% 46.0 46.0 0.1 0.1% 49.2 49.2 0.0 0.0% 53.0 53.6 0.6 1.1% 60.5% 55.9 56.1 0.2 0.3% 61.7% 63.0% 63.0% 0.1% 63.0% 0.6 63.0% 45.9 46.0 0.0 49.1 49.2 0.0 0.1% 53.0 53.6 1.2% 55.9 56.0 0.2 0.3% 64.2% 65.4% 45.8 45.8 46.0 45.9 64.2% 65.4% 49.1 49.1 64.2% 65.4% 1.3% 64.2% 65.4% 0.2 0.1 0.0 0.0% 0.6 55.8 0.3% 0.1% 49.0 52.8 53.5 56.0 66.7% 67.9% 45.8 45.8 0.0% 66.7% 67.9% 66.7% 67.9% 1.1% 66.7% 67.9% 45.8 0.0 49.0 0.0% 52.8 53.4 0.6 55.8 56.0 0.2 -0.1 53.4 0.6 45.7 49.0 49.0 0.0 0.0% 52.8 55.6 56.0 0.7% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% -0.1% 49.0 52.7 55.5 45.7 0.6% 0.4 45.7 0.0 0.0% 48.9 0.0 0.1% 52.7 53.0 0.3 55.5 55.9 0.7% 48.9 71.6% 45.5 45.6 0.0 0.0% 71.6% 48.8 48.8 -0.1% 71.6% 52.7 52.9 0.5% 71.6% 55.4 55.9 0.5 0.8% 72.8% 45.5 45.5 0.0 72.8% 48.6 48.6 0.0 0.0% 72.8% 52.5 52.9 0.4 0.8% 72.8% 55.4 55.9 0.9% 74.1% 75.3% 74.1% 75.3% 0.1% 74.1% 48.6 74.1% 1.0% 0.7 75.3% 0.1% 75.3% 0.6 1.3% 76.5% 45.4 45.3 0.0 -0.1% 76.5% 48.4 48.6 0.4% 76.5% 52.2 52.7 0.5 1.0% 76.5% 55.0 55.7 0.7 1.3% 77.8% -0.1% 77.8% 77.8% 1.0% 77.8% 0.6 45.4 0.2% 52.1 55.0 55.6 1.1% 79.0% 45.3 45.3 0.0 0.0% 79.0% 48.3 48.3 0.2% 79.0% 52.1 52.6 0.5 0.9% 79.0% 55.0 55.5 0.6 1.0% 80.2% 0.0% 80.2% 48.3 80.2% 51.9 80.2% 0.5 45.2 48.1 0.4% 52.5 1.1% 55.0 55.5 1.0% 81.5% 45.1 45.2 0.0 0.1% 81.5% 48.1 48.1 0.2% 81.5% 51.8 52.2 0.5 0.9% 81.5% 54.9 55.5 0.5 1.0% 82.7% 45.0 45.1 0.1 0.2% 82.7% 48.0 48.0 0.0% 82.7% 51.7 52.1 0.4 0.8% 82.7% 54.9 0.6 1.0% 84.0% 45.0 45.0 0.0% 84.0% 48.0 48.0 0.0 0.0% 84.0% 51.5 52.0 0.5 0.9% 84.0% 54.8 55.3 0.4 0.8% 85.2% 44.9 45.0 0.1 0.3% 85.2% 47.9 47.9 0.0 -0.1% 85.2% 51.5 51.9 0.5 0.9% 85.2% 54.8 55.1 0.3 0.5% 86.4% 44.8 44.9 0.1% 86.4% 47.8 47.9 0.1% 86.4% 51.3 51.8 0.9% 86.4% 54.8 55.1 0.3 0.5% 87.7% 44.8 44.8 0.0 0.1% 87.7% 47.8 47.8 0.0 0.0% 87.7% 51.3 51.7 0.5 0.9% 87.7% 54.8 55.0 0.3 0.5% 88.9% 0.1 0.2% 88.9% 47.7 47.8 0.0 0.1% 88.9% 51.2 51.7 0.5 1.0% 88.9% 54.7 54.8 0.0 0.1% 90.1% 44.7 44.6 0.0 -0.1% 90.1% 47.7 47.8 0.0 0.1% 90.1% 51.1 51.5 0.4 0.8% 90.1% 54.6 54.7 0.1 0.1% 91.4% 44.6 0.2% 91.4% 47.6 47.7 91.4% 91.4% 54.5 54.5 0.0 -0.2 91.4% 92.6% 92.6% 44.6 44.6 0.0 0.0% 47.6 47.6 0.1 0.2% 51.0 513 0.3 0.7% 92.6% 54.4 54.2 -0.4% 93.8% 44.5 0.0 47.4 47.4 93.8% 54.2 54.1 44.5 0.1% 93.8% 0.0 0.0% 93.8% 50.9 51.2 0.3 0.6% -0.1-0.1% 95.1% 95.1% 95.1% 95.1% 44.4 44.4 0.0 0.0% 47.2 47.2 0.0 0.0% 50.9 51.0 0.1 0.1% 53.8 53.9 0.2 0.3% 96.3% 44.4 96.3% 47.1 47.1 0.0% 96.3% 97.5% 50.8 0.2% 96.3% 97.5% 53.8 0.0 -0.1 -0.1% -0.1 97.5% 0.1% 97.5% -0.2% 44.2 442 0.0 46.9 46.9 0.0 0.0% 50.4 50.4 -0.1% 53.8 53.7 0.2% -0.2% 98.8% 0.0% 100.0% 100.0% 100.0% 43.6 43.6 0.0% 100.0% 46.4 46.4 0.0% 48.5 48.5 0.0 0.0% 52.6 52.5 -0.1 -0.2%

Table SQ-06-7b
Sacramento River at Red Bluff, Monthly Temperature
Probability of Exceedance

August

September

Property	Percent		June			Percent		July			Percent		August			Percent		September		
Mart Security Mart Mart Security Mar		No Action Alternative	Alternative C		Relative		No Action Alternative	Alternative C		Relative		No Action Alternative	Alternative C		Relative		No Action Alternative	Alternative C		Relative
No.		Monthly Temperature	Monthly Temperature			Probability	Monthly Temperature	Monthly Temperature			Probability	Monthly Temperature	Monthly Temperature			Probability	Monthly Temperature	Monthly Temperature		
14				(DEG-F)		(%)					(%)			(DEG-F)					(DEG-F)	
14		61.1	60.3	-0.7	-1.1%	0.0%	63.6	62.8	-0.8	-1.2%	0.0%	67.6	66.6	-1.0	-1.5%		67.0	65.9	-1.2	-1.7%
1	1.2%	61.0	60.3	-0.7	-1.2%	1.2%	62.4	62.1	-0.3	-0.5%	1.2%	67.3	62.8	-4.5	-6.6%	1.2%	65.6	65.1	-0.5	-0.8%
Apr.	2.5%	59.9	59.5	-0.4	-0.7%	2.5%	61.8	61.8	0.0	0.0%	2.5%	66.3	62.5	-3.7	-5.6%	2.5%	65.5	64.9	-0.7	-1.0%
Section Sect	3.7%	59.5	59.5	0.0	0.1%	3.7%	61.4	61.2	-0.1	-0.2%	3.7%	65.0	61.3	-3.7	-5.7%		65.1	64.5	-0.7	-1.1%
The	4.9%	59.4	59.3	-0.1	-0.2%	4.9%	61.3	60.6	-0.7	-1.1%	4.9%	62.6	60.8	-1.8	-2.8%	4.9%	64.9	64.0	-0.9	-1.3%
Section Column				-0.1																
200	7.4%				0.1%		61.0	60.5	-0.5	-0.8%			60.3				64.4	62.4	-2.0	-3.1%
11 12 13 13 13 13 13 13	8.6%									-0.9%										
1.75																				
100	11.1%	58.5	58.7	0.2	0.3%	11.1%	60.1	59.7	-0.4	-0.6%	11.1%	60.4	60.0	-0.4	-0.7%	11.1%	61.6	61.4	-0.2	-0.4%
1450				0.2																
1.50	13.6%	58.3	58.6	0.3	0.6%	13.6%	59.7	59.4	-0.3	-0.5%	13.6%	60.3	59.8	-0.5	-0.9%	13.6%	61.4	61.1	-0.3	-0.5%
17.0 17.0				0.1	0.1%				-0.1			60.0			-0.6%		61.3		-0.7	-1.1%
18th 50 50 50 50 50 50 50 5	16.0%	58.2	58.1	-0.1	-0.2%	16.0%	59.4	59.3	-0.1	-0.1%	16.0%	60.0	59.6	-0.5	-0.8%	16.0%	61.1	60.4	-0.7	-1.2%
14th 150	17.3%	58.0	58.0	0.0	0.0%	17.3%	59.3	59.1	-0.3	-0.5%	17.3%	59.8	59.6	-0.2	-0.3%	17.3%	60.8	60.4	-0.4	-0.6%
20	18.5%		57.9	0.0	0.0%		59.2		-0.2	-0.4%	18.5%	59.6	59.5	-0.1	-0.2%			60.1	-0.5	-0.9%
22.00 27	19.8%				0.0%	19.8%	59.0	58.9		-0.2%						19.8%	60.5	60.1		-0.8%
2.50	21.0%	57.9	57.9	0.0	0.0%	21.0%	58.9	58.8	-0.1	-0.2%	21.0%	59.5	59.2	-0.3	-0.5%	21.0%	60.5	59.9	-0.6	-1.0%
247	22.2%			0.0	-0.1%	22.2%	58.9	58.8	-0.1		22.2%		59.2		-0.2%	22.2%	60.2	59.9	-0.4	-0.6%
247	23.5%			-0.1	-0.2%				-0.1	-0.1%	23.5%			-0.3	-0.5%	23.5%	60.2	59.6	-0.6	-1.0%
27. 17. 17. 17. 18. 17. 18.	24.7%	57.5	57.6	0.0		24.7%			0.1	0.2%	24.7%	59.2	58.9	-0.3	-0.5%	24.7%			-0.6	-1.1%
2.75. 97.5			57.5	0.0	0.1%		58.5	58.7	0.2	0.3%		59.2		-0.3	-0.5%			59.3	-0.6	-1.0%
25 10 10 10 10 10 10 10 1				0.0		27.2%				0.3%	27.2%			-0.2		27.2%			-0.3	
260. 17.5 17.4 17.5	28.4%	57.5	57.4	-0.1	-0.1%	28.4%	58.5	58.6	0.1	0.2%	28.4%	59.1	58.8	-0.3	-0.4%	28.4%	59.4	59.1	-0.3	-0.5%
30				-0.1						0.0%										
20 10 10 10 10 10 10 10	30.9%	57.5	57.4	-0.1	-0.2%	30.9%				-0.1%	30.9%	58.8	58.7	-0.1	-0.2%	30.9%			-0.5	-0.8%
340% 673 573 00 00% 514 520 00 00% 514 50% 513 512 4.1 4.1% 518 517 517 518 518 518 518 518 518 518 518 518 518																				
340% 673 573 00 00% 514 520 00 00% 514 50% 513 512 4.1 4.1% 518 517 517 518 518 518 518 518 518 518 518 518 518	33.3%			0.0	0.0%	33.3%				-0.4%	33.3%			-0.2		33.3%			-0.4	-0.7%
370% 973 972 972 00 00% 370% 881 881 41 41 41 41 870% 886 886 00 - 41 41 41 41 870% 886 886 972 972 972 00 00% 893% 881 886 00 00 40 40 40 40 40 40 40 40 40 40 40	34.6%			0.0	0.0%	34.6%				-0.2%	34.6%			-0.1		34.6%			-0.4	-0.8%
94.35				0.0							35.8%								-0.5	-0.8%
2006 572 572 572 500 0.00	37.0%			0.0	0.0%		58.1	58.1	-0.1								59.2			-0.8%
407% 571 572 0.0 0.1% 407% 580 0.0 0.0% 407% 588 585 0.1 0.0% 407% 580 586 -0.1 0.0% 4	38.3%	57.2	57.2	0.0	0.0%	38.3%	58.1	58.0	-0.1	-0.1%	38.3%	58.6	58.5	0.0	-0.1%	38.3%	59.1	58.7	-0.5	-0.8%
## 420% \$71	39.5%		57.2																	
142% 570 970 00 00 07% 142% 573 973 074 0.0 0.0 07% 142% 573 973 074 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.				0.0	0.1%	40.7%				0.0%	40.7%	58.6		-0.1	-0.2%				-0.4	-0.7%
44-05 57-0 57-0 57-0 57-0 57-0 57-0 57-2																				
457% 570 570 00 0.1% 457% 578 578 578 0.1 0.1% 457% 588 584 0.1 0.1% 457% 588 584 0.4 0.4 0.0% 457% 577 578 0.1 0.1% 457% 588 584 0.1 0.1% 457% 588 584 0.4 0.3 0.0% 457% 588 588 584 0.1 0.1% 457% 588 588 584 0.2 0.0% 467% 589 589 589 589 589 589 589 589 589 589	43.2%	57.0	57.0	0.0	0.0%	43.2%	57.9	57.8	-0.1	-0.1%	43.2%	58.3	58.4	0.1	0.2%	43.2%	59.0	58.4	-0.5	-0.9%
40% 570 570 00		57.0	57.0			44.4%						58.3	58.4			44.4%			-0.5	
44% 569 570 0.1 0.1% 44% 578 577 0.1 0.2% 44% 583 583 0.0 0.0% 44% 586 584 0.3 -0.3% -0.5% 509 519% 50	45.7%				0.1%	45.7%			-0.1	-0.1%	45.7%		58.4	0.1	0.1%	45.7%		58.4	-0.4	-0.6%
40 56 56 56 57 58 57 58 57 58 57 58 57 58 58				0.0	0.1%		57.7	57.8	0.1	0.2%	46.9%				0.1%		58.7		-0.3	-0.5%
90% 968 969 0.1 0.2% 50.0% 97.5 97.5 0.1 0.1% 50.0% 96.2 50.2 0.0 0.1% 50.0% 96.2 50.3 0.2% 50.0% 96.2 50.3 0.1% 50.0% 96.2 50.3 0.1% 50.0% 96.2 50.3 0.2% 50.0% 96.2 50.3 0.1% 50.0% 96.2 50.3 0.2% 50.0% 96.2 50.0 0.2%		56.9	57.0	0.1	0.1%	48.1%	57.6	57.7	0.1	0.2%			58.3	0.0	0.0%		58.6	58.4	-0.3	-0.5%
51.9h 56.8 56.9 0.1 0.7h 51.9h 57.4 57.5 0.1 0.2h 51.9h 58.2 58.1 0.1 0.7h 51.9h 58.4 58.2 0.1 0.2h 58.8h 58.8 0.1 0.1 0.2h 58.9h 58.8 0.2 0.2 0.2h 58.9h 58.8 0.2 0.2 0.2h 58.9h 58.8 0.2 0.2h 58.9h 58.8 0.2h 58.9h 58.8 0.2h 58.9h 58.9h 58.8 0.2h 58.9h 58																				
S3.1% S6.8 S6.9 O.1 O.1% S3.1% S7.3 S7.5 O.2 O.5% S3.1% S6.2 S6.1 O.1 O.2% S6.3% S6.8 O.1 O.1% S6.8% S6.8 O.1 O.2% S6.8% S6.8 O.1 O.2% S6.8% S6.8 O.1 O.2% S6.8% S6.8 O.1 O.2% S6.8% S6.8 O.1 O.1% S6.8%					0.2%															
54.9% 56.8 56.8 0.1 0.1% 56.9% 57.2 57.4 0.2 0.4% 55.9% 58.2 56.1 0.1 0.1% 54.9% 58.3 58.2 0.1 0.2% 55.9% 58.1 56.8 0.0 0.0% 55.9% 58.1 56.8 0.0 0.0% 55.9% 58.1 58.1 0.0 0.0% 55.9% 58.1 58.1 0.0 0.0% 55.9% 58.1 58.1 0.0 0.0% 55.9% 59.1 57.1 0.1 0.2% 59.9% 59.1 57.1 57.3 0.3 0.0% 55.0 58.0 59.1 57.7 57.8 59.1 0.1 0.2% 59.9% 59.1 57.1 57.3 0.3 0.0% 59.0 59.1 59.1 59.1 59.1 59.1 59.1 59.1 59.1																				
56.9% 56.8 56.8 0.1 0.1% 55.9% 57.2 57.4 0.3 0.5% 55.9% 58.1 58.1 0.0 0.0% 55.9% 58.3 58.1 0.1 0.2% 56.9% 59.1 59.0 0.0 0.0% 56.9% 59.1 59.0 0.0 0.0% 56.9% 59.3 59.1 0.1 0.2% 59.3% 59.6 0.0 0.0 0.0% 59.3% 59.6 0.0 0.0 0.0% 59.3% 59.6 0.0 0.0 0.0% 59.3% 59.6 0.0 0.0 0.0% 59.3% 59.6 0.0 0.0 0.0% 59.3% 59.6 0.0 0.0 0.0% 59.3% 59.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0		56.8				53.1%	57.3	57.5	0.2		53.1%	58.2	58.1			53.1%				
Self-W Self																				
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	100.0%	54.8	54.7	0.0	0.0%	100.0%	55.6	55.2	-0.4	-0.7%	100.0%	55.9	56.4	0.5	1.0%	100.0%	54.3	54.5	0.2	0.4%

Table SQ-07-7a Sacramento River below Red Bluff, Monthly Temperature Long-term Average and Average by Water Year Type

						thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Mav	Jun	Jul	Aua	Sep
				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	55.4	51.0	46.1	44.5	46.2	49.7	53.4	56.5	57.1	57.9	58.8	59.0
Alternative C	55.1	50.8	46.3	44.7	46.3	49.7	53.9	56.6	57.1	57.9	58.5	58.6
Difference	-0.4	-0.2	0.2	0.2	0.0	0.0	0.5	0.1	0.0	0.0	-0.3	-0.3
Percent Difference ³	-0.7%	-0.3%	0.5%	0.5%	0.1%	0.1%	0.9%	0.2%	0.1%	-0.1%	-0.5%	-0.69
				Water Y	ear Types	2						
Wet (32%)												
No Action Alternative	54.8	51.4	46.1	44.6	45.9	48.7	52.3	56.1	56.9	58.0	58.2	56.7
Alternative C	54.7	51.3	46.5	44.8	46.0	48.7	52.5	55.9	56.8	58.1	58.3	56.7
Difference	-0.2	-0.1	0.4	0.1	0.0	0.0	0.1	-0.2	-0.2	0.2	0.1	-0.1
Percent Difference	-0.3%	-0.2%	0.8%	0.3%	0.0%	0.1%	0.3%	-0.3%	-0.3%	0.3%	0.2%	-0.29
Above Normal (15%)												
No Action Alternative	54.5	50.7	46.5	44.8	46.3	49.9	53.8	57.1	56.4	56.9	58.3	58.0
Alternative C	54.2	50.7	46.9	45.0	46.3	49.9	54.1	56.8	56.7	56.9	58.4	58.2
Difference	-0.3	0.0	0.4	0.2	0.0	0.0	0.3	-0.3	0.2	0.0	0.1	0.1
Percent Difference	-0.6%	-0.1%	0.8%	0.5%	0.0%	0.0%	0.6%	-0.5%	0.4%	0.0%	0.2%	0.2%
Below Normal (17%)												
No Action Alternative	54.2	50.4	46.4	44.3	45.9	49.6	53.9	56.6	56.7	57.3	57.9	59.0
Alternative C	53.9	50.3	46.5	44.5	45.9	49.6	54.5	56.8	56.8	57.2	58.0	58.6
Difference	-0.3	-0.1	0.1	0.2	0.0	0.0	0.6	0.2	0.1	-0.1	0.1	-0.4
Percent Difference	-0.6%	-0.2%	0.2%	0.4%	0.0%	0.0%	1.1%	0.4%	0.2%	-0.2%	0.2%	-0.79
Ory (22%)												
No Action Alternative	55.7	51.1	46.0	44.3	46.4	50.4	54.1	56.2	57.1	57.5	58.6	60.0
Alternative C	55.2	50.7	46.0	44.7	46.4	50.4	54.8	56.5	57.4	57.5	58.2	59.4
Difference	-0.5	-0.3	0.0	0.4	0.0	0.1	0.7	0.3	0.2	0.1	-0.4	-0.6
Percent Difference	-0.9%	-0.6%	0.0%	0.8%	0.0%	0.1%	1.3%	0.6%	0.4%	0.1%	-0.7%	-1.09
critical (15%)												
No Action Alternative	58.6	50.7	45.2	44.3	47.1	50.8	53.7	56.9	58.4	60.5	62.0	63.1
Alternative C	57.9	50.4	45.4	44.5	47.2	50.9	54.6	57.5	58.4	59.9	60.1	62.2
Difference	-0.7	-0.3	0.2	0.2	0.1	0.1	0.9	0.6	0.0	-0.6	-1.9	-0.9
Percent Difference	-1.2%	-0.6%	0.5%	0.4%	0.2%	0.2%	1.7%	1.1%	0.0%	-1.0%	-3.0%	-1.59

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



Figure SQ-07-7b
Sacramento River below Red Bluff, Monthly Temperature
Probability of Exceedance

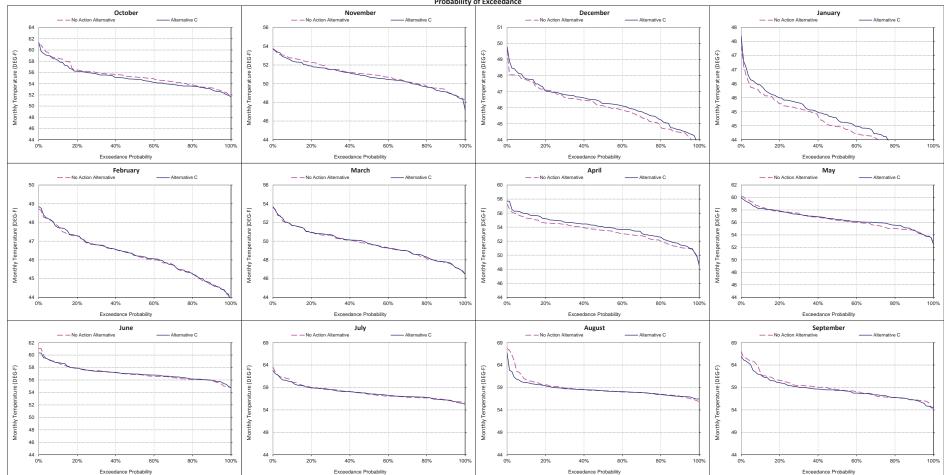


Table SQ-07-7b Sacramento River below Red Bluff, Monthly Temperature Probability of Exceedance

Octobe November Decembe January Percent Percent Percent Percent No Action Alternative Alternative C Absolute Relative Exceedance Relative Relative Relative Exceedance Difference Difference Difference Difference Monthly Temperature Difference (%) Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) 0.0% 60.9 61.3 0.0% 53.7 53.7 0.0% 49.6 49.8 0.4% 47.7 0.1% 1.2% 60.9 59.7 -1.1 -1.8% 1.2% 53.5 53.6 0.1 1.2% 48.1 48.9 0.8 1.7% 1.2% 46.6 46.8 0.2 0.3% 2.5% 60.3 59.4 -1.5% 2.5% 53.2 53.4 0.3% 2.5% 48.1 48.5 0.9% 2.5% 46.3 46.6 0.6% 3.7% 3.7% 59.7 59.1 -0.6 -1.0% 3.7% 53.1 53.3 0.2 0.4% 3.7% 48.0 48.4 0.4 0.8% 46.1 46.3 0.2 0.4% 4.9% 59.5 59.0 -0.5 -0.9% 4.9% 53.1 52.9 -0.2 -0.3% 4.9% 48.0 48.3 0.2 0.5% 4.9% 45.9 46.1 0.3 0.6% 6.2% 6.2% 6.2% 6.2% 58.8 58.9 0.1 0.2% 53.0 52.8 -0.2 -0.4% 48.0 48.1 0.1 0.2% 45.8 46.1 0.3 0.6% 7.4% -0.5% 7.4% 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46.4 46.6 0.1 0.3% 40.7% 44.7 45.0 0.2 0.6% 42.0% 55.6 55.1 -0.5 -0.9% 42.0% 51.2 51.0 -0.1-0.3% 42.0% 46.4 46.5 0.2% 42.0% 44.7 45.0 0.3 0.6% -0.2% 0.6% 43.2% 55.6 55.1 -0.5 -0.9% 43.2% 51.1 51.0 -0.1 43.2% 46.4 46.5 0.1 0.2% 43.2% 44.6 44 9 0.3 44.4% -0.4 -0.8% 44.4% 51.1 51.0 -0.3% 44.4% 46.4 46.5 0.2% 44.4% 44.6 44.9 0.3 0.7% 45.7% 45.7% 45.7% 55.3 54.9 -0.4 -0.7% 51.1 50.9 -0.2 -0.4% 46.3 46.5 0.2 0.5% 45.7% 44.5 44.8 0.3 0.7% 46.9% 55.3 54.8 -0.4-0.8% 46.9% 51.1 50.9 -0.2-0.3% 46.9% 46.2 46.5 0.7% 46.9% 44.5 44.8 0.3 0.7% 0.5% 48.1% 55.2 54.8 -0.4 -0.7% 48.1% 51.0 50.8 -0.2 -0.4% 48.1% 46.1 46.4 0.3 48.1% 44.5 44.8 0.3 0.7% 49.4% -0.7% 49.4% 50.7 -0.3-0.5% 49.4% 46.1 46.3 0.3% 49.4% 44.5 44.8 0.3 50.6% 50.6% 50.6% 55.2 54.8 -0.4 -0.7% 51.0 50.7 -0.3 -0.6% 46.1 46.3 0.2 0.3% 50.6% 44.5 44.7 0.2 0.5% 51.9% 55.1 55.1 54.8 54.7 -0.4-0.7% -0.6% 51.9% 50.9 50.6 -0.3 -0.3 -0.6% 46.0 46.3 0.5% 51.9% 53.1% 44.6 0.2 0.4% 53.1% 53.1% 53.1% 50.6 0.2 0.5% -0 3 50.9 -0.6% 46.0 46.2 44 4 446 0.4% 55.6% 56.8% 55.6% 55.6% 55.6% 55.0 54.5 -0.5 -1.0% 50.9 50.6 -0.3 -0.7% 46.0 46.2 0.3 0.6% 44.4 44.6 0.2 0.5% 58.0% 58.0% 58.0% 55.0 54.4 -0.6 -1.0% 50.7 50.5 -0.2 -0.4% 45.9 46.2 0.2 0.5% 58.0% 44.3 44.6 0.3 0.7% 60.5% 60.5% 60.5% 54.8 54.2 -0.5 -1.0% 50.7 50.4 -0.2 -0.4% 45.8 46.1 0.3 0.6% 60.5% 44.2 44.5 0.3 0.6% -1.0% 61.7% 63.0% 63.0% 54.6 63.0% 63.0% 54.1 -0.5 -0.9% 50.5 50.4 -0.1 -0.2% 45.8 46.0 0.3 0.5% 44.2 44.4 0.2 0.6% 64.2% 65.4% 54.6 54.5 54.1 54.0 -0.9% 64.2% 65.4% 64.2% 65.4% 64.2% 65.4% 44.2 44.1 0.3 -0.5 -1.0% 50.4 -0.1 45.9 0.3 44.4 0.6% 50.4 -0.2% 45.6 0.6% 66.7% 67.9% 54.5 54.4 66.7% 67.9% 66.7% 67.9% 45.9 45.8 66.7% 67.9% 54.0 53.9 -0.5 -1.0% 50.4 50.3 -0.2% 45.6 0.6% 44.4 0.3 50.3 0.3 -0.5 0.0 44.3 -0.9% 50.3 0.0% 45.5 0.6% 44.1 0.5% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% -1.0% -0.1% 45.5 44.2 0.1 54.4 53.8 -1.0% 50.2 -0.5 0.0 0.0% 45.4 45.7 0.4 0.8% 44.0 44.2 0.4% 50.2 71.6% 54.2 53.8 -0.4 -0.8% 71.6% 50.1 -0.2% 71.6% 45.3 45.6 0.3 71.6% 44 0 442 0.2 72.8% 54.2 53.6 -0.5 -1.0% 72.8% 50.1 50.0 -0.1 -0.3% 72.8% 45.3 45.6 0.3 0.7% 72.8% 44.0 44.2 0.2 0.5% -1.0% -0.9% -0.2% -0.2% 74.1% 75.3% 74.1% 75.3% 74.1% 74.1% 0.9% 43.8 44.1 0.4 75.3% 75.3% 0.8% 76.5% -0.5 -0.9% 76.5% 49.9 49.8 -0.2% 76.5% 45.1 45.5 0.4 0.9% 76.5% 43.7 44.0 0.2 0.5% 77.8% -0.5% 77.8% -0.4% 77.8% 0.7% 77.8% 0.2 53.8 49.7 0.3 43.9 0.4% 79.0% 53.7 -0.2 -0.3% 79.0% 49.9 49.7 -0.2 -0.3% 79.0% 45.0 45.3 0.3 0.6% 79.0% 43.7 43.8 0.1 0.3% 80.2% 53.7 -0.4% 80.2% 49.6 80.2% 44.7 80.2% -0.1% 45.2 1.1% 43.5 43.7 0.5% 81.5% 53.7 53.5 -0.3% 81.5% 49.6 49.6 -0.1% 81.5% 44.7 45.1 0.4 0.9% 81.5% 43.5 43.7 0.2 0.4% 82.7% 53.5 -0.1% 82.7% 49.6 0.1% 82.7% 44.7 45.1 0.4 0.9% 82.7% 43.4 43.7 0.2 0.5% 84.0% 53.4 53.3 -0.1 -0.2% 84.0% 49.5 49.4 -0.1 -0.2% 84.0% 44.7 45.0 0.8% 84.0% 43.4 43.6 0.1 0.3% 85.2% 53.4 53.3 -0.1 -0.1% 85.2% 49.5 49.3 -0.3 -0.5% 85.2% 44.6 44.7 0.1 0.2% 85.2% 43.4 43.5 0.1 0.3% 86.4% 53.2 -0.3% 86.4% 49.5 49.2 -0.5% 86.4% 44.5 44.7 0.5% 86.4% 43.3 43.4 0.1 0.3% -0.5% 87.7% 53.3 53.1 -0.2 -0.3% 87.7% 49 4 492 -0.3 87.7% 44.5 447 0.2 0.4% 87.7% 43.2 43.4 0.2 0.5% 88.9% 53.3 53.1 -0.3% 88.9% 49.4 49.2 -0.3 -0.6% 88.9% 44.5 44.6 0.1 0.3% 88.9% 43.2 43.4 0.2 0.6% 90.1% 53.3 52.9 -0.4 -0.7% 90.1% 49.2 49.1 -0.1 -0.3% 90.1% 44.5 44.6 0.1 0.3% 90.1% 43.2 43.4 0.2 0.5% 91.4% 52.7 -0.8% 91.4% 49.0 91.4% 44.4 44.5 91.4% 43.1 43.4 0.2 91.4% 92.6% 92.6% 52.9 52.6 -0.3 -0.5% 48.9 49.0 0.0 0.0% 44.4 44.5 0.1 0.2% 92.6% 43.1 433 0.5% 93.8% 48.8 44.3 44.4 93.8% 52.9 -0.3-0.5% 93.8% 48.8 0.0 0.0% 93.8% 0.4% 43.1 43.2 0.1 0.3% 95.1% 95.1% 95.1% 95.1% 52.7 52.5 -0.2 -0.4% 48.8 48.8 0.0 0.0% 44.2 44.4 0.2 0.5% 43.0 43.1 0.2 0.4% 96.3% 52.3 -0.4% 96.3% 48.6 48.5 -0.2% 96.3% 97.5% 43.8 44.3 0.5 1.1% 96.3% 97.5% 42.7 42.7 0.0 0.1% 97.5% 52.0 97.5% 0.2% 52.4 -0 4 -0.8% 48.6 48 4 -0 2 -0.4% 43.6 442 1.5% 42 6 427 -0.2% 98.8% 42.7 100.0% 100.0% 100.0% 51.8 51.6 0.0 -0.3% 100.0% 48.3 47.2 -2.4% 42.1 42.5 0.3 0.7% 41.9 42.4 0.5 1.2%

Table SQ-07-7b
Sacramento River below Red Bluff, Monthly Temperature Probability of Exceedance

Percent Exceedance Probability No Action Alternative Alternati	Absolute	
Probability		
Probability Monthly Temperature (PEGF) (Relative
(8) (RE-F) (RE-F	 Difference (DEG-F) 	Difference (%)
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	-0.2	-0.3%
2.5% 48.3 48.4 0.1 0.2% 2.5% 52.8 52.9 0.1 0.3% 2.5% 56.2 56.5 0.4 0.6% 2.5% 59.7 59.4 3.7% 48.2 48.3 0.0 0.1% 3.7% 52.7 52.7 0.1 0.1% 3.7% 56.0 56.3 0.3 0.5% 3.7% 59.6 59.4 49.6 48.2 48.2 0.0 0.0% 4.9% 52.2 52.5 0.3 0.6% 4.9% 55.9 56.3 0.4 0.7% 4.9% 59.4 59.0 62.2% 481.1 48.1 0.0 0.1% 6.2% 55.7 56.3 0.4 0.0% 4.9% 59.2 58.7 7.4% 48.0 48.0 0.0 0.0% 7.4% 52.0 52.0 0.0 0.1% 7.4% 55.6 56.1 0.5 0.9% 7.4% 58.8 58.5 8.6% 47.9 47.8 0.1 0.2% 8.6% 51.9 51.9 0.0 0.0% 8.6% 55.5 56.0 0.5 0.9% 7.4% 58.8 58.5 9.9% 47.8 47.7 0.1 0.2% 9.9% 51.7 51.7 0.0 0.0% 8.6% 55.5 56.0 0.5 0.9% 8.6% 58.7 58.3 11.1% 47.7 47.7 0.1 0.1% 11.1% 51.6 51.7 0.0 0.1% 11.1% 55.3 55.8 0.6 1.1% 11.1% 11.5% 58.4 58.2 12.3% 47.5 47.7 0.2 0.4% 12.3% 51.6 51.6 0.0 0.0% 12.3% 55.2 55.7 0.4 0.8% 12.3% 58.3 58.2 13.6% 47.5 47.7 0.2 0.4% 12.3% 51.6 51.6 0.0 0.0% 13.6% 55.1 55.6 0.6 1.1% 14.8% 58.1 58.1 14.8% 47.4 47.6 0.2 0.4% 14.8% 51.5 51.5 0.0 0.1% 14.8% 55.1 55.6 0.6 1.1% 14.8% 58.1 58.1 14.8% 47.4 47.6 0.2 0.4% 14.8% 51.5 51.5 0.0 0.1% 18.6% 55.1 55.6 0.6 1.1% 14.8% 58.1 58.1 16.0% 47.3 47.3 47.4 0.1 0.1% 17.3% 51.0 51.0 0.0 0.1% 18.5% 54.7 55.5 0.8 1.6% 17.3% 57.8 58.0 19.8% 47.3 47.3 47.3 0.0 0.0% 19.8% 51.0 51.0 50.0 0.1% 18.5% 54.7 55.2 0.6 1.1% 19.8% 57.8 58.0 19.8% 47.3 47.3 47.3 0.0 0.0% 19.8% 51.0 51.0 0.0 0.1% 18.5% 54.7 55.2 0.6 1.1% 19.8% 57.8 57.8 58.0 19.8% 47.3 47.3 47.3 0.0 0.0% 19.8% 51.0 50.0 0.0 11.0 0.1% 18.8% 54.6 55.2 0.6 1.1% 19.8% 57.8 57.8 58.0 19.8% 47.3 47.3 47.3 0.0 0.0% 19.8% 51.0 50.0 0.0 11.0 0.1% 18.8% 54.6 55.2 0.6 1.1% 19.8% 57.8 57.8 58.0 19.8% 47.3 47.3 47.3 0.0 0.0% 19.8% 51.0 50.0 0.0 11.0 0.1% 19.8% 54.6 55.2 0.6 1.1% 19.8% 57.8 57.8 57.8 57.8 57.8 57.8 57.8 57.8	-0.5	-0.8%
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	-0.3	-0.5%
6.2% 48.1 48.1 0.0 0.0% 62% 52.0 52.1 0.0 0.1% 62% 55.7 56.3 0.6 1.0% 6.2% 59.2 58.7 7.4% 48.0 48.0 0.0 0.0% 7.4% 52.0 52.0 0.0 0.1% 7.4% 55.6 56.1 0.5 0.9% 7.4% 58.8 58.7 58.8 58.6 47.9 47.8 47.7 47.1 0.1 0.2% 8.6% 51.9 51.9 0.0 0.0% 8.6% 55.5 56.0 0.5 0.9% 8.6% 58.7 58.3 11.1% 47.7 47.7 0.1 0.1% 11.1% 51.6 51.7 0.0 0.0% 11.1% 53.3 56.0 0.7 12% 9.9% 58.4 58.3 11.1% 47.7 47.7 0.1 0.1% 11.1% 51.6 51.7 0.0 0.1% 11.1% 53.3 56.0 0.7 12% 9.9% 58.4 58.2 12.3% 47.5 47.7 0.2 0.4% 12.3% 51.6 51.6 0.0 0.0% 12.3% 55.1 55.6 0.6 1.1% 11.1% 58.4 58.2 13.6% 47.5 47.7 0.2 0.4% 12.3% 51.6 51.5 51.5 0.0 0.0% 13.8% 55.1 55.6 0.6 1.1% 13.8% 58.1 58.1 14.8% 47.4 47.6 0.2 0.4% 14.8% 51.5 51.5 51.5 0.0 0.1% 14.8% 55.1 55.6 0.6 1.1% 13.8% 58.1 58.1 14.8% 47.3 47.4 0.0 0.0% 14.8% 51.5 51.5 0.0 0.1% 16.0% 55.0 55.6 0.6 1.1% 14.8% 58.1 58.1 16.0% 47.3 47.4 0.1 0.1% 17.3% 51.0 51.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.4 -0.4	-0.7% -0.6%
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	-0.4	-1.0%
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	-0.3	-0.5%
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	-0.4 -0.2	-0.7% -0.3%
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	-0.2	-0.3%
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	-0.1	-0.2%
16.0% 47.3 47.4 0.0 0.0% 16.0% 51.3 51.4 0.0 0.1% 16.0% 55.0 55.6 0.6 1.1% 16.0% 57.9 58.0 17.3% 47.3 47.4 0.1 0.1% 17.3% 51.0 51.0 0.0 -0.1% 17.3% 54.7 55.5 0.8 1.6% 17.3% 57.8 58.0 18.5% 47.3 47.3 0.0 0.1% 18.5% 51.0 51.0 0.0 -0.1% 18.5% 54.7 55.2 0.6 1.1% 18.5% 57.8 58.0 19.8% 47.3 47.3 0.0 0.0% 19.8% 51.0 50.9 -0.1 -0.1% 19.8% 54.6 55.2 0.6 1.1% 19.8% 57.8 57.8 57.8 19.8% 47.3 47.3 0.0 0.0% 19.8% 51.0 50.9 -0.1 -0.1% 19.8% 54.6 55.2 0.6 1.1% 19.8% 57.8 57.8 57.8 57.8 57.8 57.8 57.8 57.8	0.0	0.0%
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	0.0	0.0%
19.8% 47.3 47.3 0.0 0.0% 19.8% 51.0 50.9 -0.1 -0.1% 19.8% 54.6 55.2 0.6 1.1% 19.8% 57.8 57.8 21.0% 47.3 47.3 0.0 0.0% 21.0% 50.9 50.9 0.0 0.1% 21.0% 54.6 55.2 0.6 1.1% 21.0% 57.7 57.8	0.1	0.2%
21.0% 47.3 47.3 0.0 0.0% 21.0% 50.9 50.9 0.0 0.1% 21.0% 54.6 55.2 0.6 1.1% 21.0% 57.7 57.8	0.2	0.3%
	0.1 0.1	0.1%
	-0.1	-0.1%
23.5% 47.0 47.1 0.1 0.1% 23.5% 50.8 50.8 0.0 0.1% 23.5% 54.5 55.0 0.5 0.9% 23.5% 57.7 57.7	0.0	-0.1%
24.7% 46.9 46.9 0.0 0.0% 24.7% 50.7 50.8 0.1 0.2% 24.7% 54.5 55.0 0.4 0.8% 24.7% 57.6 57.5	-0.1	-0.2%
25.9% 46.9 46.9 0.0 0.0% 25.9% 50.6 50.8 0.1 0.3% 25.9% 54.5 55.0 0.4 0.8% 25.9% 57.6 57.4 27.2% 46.9 46.8 0.1 0.1% 27.2% 50.6 50.8 0.1 0.2% 27.2% 54.5 54.9 0.4 0.8% 27.2% 57.5 57.4	-0.2 -0.2	-0.3% -0.3%
28.4% 46.8 46.8 0.0 0.0% 28.4% 50.6 50.7 0.1 0.1% 28.4% 54.4 54.9 0.4 0.8% 28.4% 57.5 57.4	-0.2	-0.3%
29.6% 46.8 46.8 0.0 0.0% 29.6% 50.6 50.7 0.1 0.1% 29.6% 54.4 54.7 0.3 0.6% 29.6% 57.5 57.3 50.9% 46.8 46.8 0.0 0.0% 30.9% 50.6 50.7 0.1 0.2% 30.9% 54.4 54.7 0.3 0.5% 30.9% 57.3 57.3	-0.2 0.0	-0.4% 0.0%
90.9% 46.8 46.8 0.0 0.0% 30.9% 50.6 50.7 0.1 0.2% 30.9% 54.4 54.7 0.3 0.5% 30.9% 57.3 57.3 21.9% 46.8 46.8 0.0 0.0% 32.1% 50.4 50.5 0.1 0.3% 32.1% 54.2 54.7 0.4 0.8% 32.1% 57.2 57.2	0.0	0.0%
33.3% 46.8 46.8 0.0 -0.1% 33.3% 50.3 50.3 0.1 0.1% 33.3% 54.2 54.7 0.4 0.8% 33.3% 57.1 57.1	0.0	0.0%
34.6% 46.7 46.7 0.0 -0.1% 34.6% 50.3 50.3 0.0 0.1% 34.6% 54.1 54.6 0.5 0.9% 34.6% 57.1 57.0	-0.1	-0.2%
35.8% 46.7 46.6 0.0 -0.1% 35.8% 50.2 50.3 0.1 0.1% 35.8% 54.1 54.6 0.5 0.9% 55.8% 56.9 57.0 57.0% 46.6 46.6 0.0 0.0% 37.0% 50.2 50.2 0.1 0.1% 37.0% 54.1 54.5 0.4 0.8% 37.0% 56.9 57.0	0.1 0.1	0.2% 0.2%
38.3% 46.6 46.6 0.0 0.1% 38.3% 50.1 50.2 0.0 0.1% 38.3% 54.0 54.5 0.5 0.9% 38.3% 56.9 57.0	0.1	0.2%
39.5% 46.6 46.6 0.0 $0.0%$ $39.5%$ 50.1 50.1 0.0 $0.0%$ $39.5%$ 53.9 54.5 0.5 $1.0%$ $39.5%$ 56.8 56.9	0.1	0.2%
40.7% 46.5 46.5 0.0 0.0% 40.7% 50.1 50.1 0.0 0.0% 40.7% 53.9 54.5 0.6 1.1% 40.7% 56.8 56.9 42.0% 58.9 54.4 0.6 1.1% 42.0% 56.7 56.9	0.1	0.2%
42.0% 46.5 46.5 0.0 0.0% 43.2% 50.0 50.1 0.1 0.2% 43.2% 53.8 54.3 0.5 1.0% 43.2% 56.7 56.8	0.1	0.1%
44.4% 46.4 46.4 0.0 0.0% 44.4% 49.9 50.1 0.2 0.4% 44.4% 53.7 54.3 0.6 1.1% 44.4% 56.7 56.7	0.0	0.0%
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	0.1	0.1%
46.9% 46.4 46.4 0.0 $0.0%$ $48.1%$ 49.8 50.0 0.2 $0.4%$ $49.9%$ 53.7 54.2 0.5 $0.9%$ $46.9%$ 55.5 56.5 56.5 $48.1%$ 53.6 54.1 0.5 $1.0%$ $48.1%$ 56.4 56.4 56.5	0.1	0.2%
49.4% 46.2 46.3 0.0 $0.1%$ $49.4%$ 49.7 49.8 0.1 $0.1%$ $49.4%$ 53.6 54.1 0.5 $1.0%$ $49.4%$ 56.4 56.5	0.1	0.2%
50.6% 46.2 46.2 0.0 0.0% 50.6% 49.7 49.7 0.0 0.0% 50.6% 53.5 54.0 0.4 0.8% 50.6% 56.3 56.4	0.1	0.2%
51.9% 46.2 46.2 0.0 0.0% 51.9% 49.6 49.6 0.0 -0.1% 51.9% 55.5 54.0 0.4 0.8% 51.9% 56.3 56.4 53.1% 46.1 46.2 0.1 0.1% 53.1% 49.6 49.6 0.0 0.0% 53.1% 53.5 53.9 0.5 0.8% 53.1% 56.2 56.4	0.2	0.3% 0.2%
54.3% 46.1 46.2 0.0 0.1% 54.3% 49.5 49.5 0.0 0.0% 54.3% 53.4 53.9 0.5 0.9% 54.3% 56.2 56.4	0.2	0.3%
55.6% 46.1 46.1 0.1 0.2% 55.6% 49.5 49.4 0.0 -0.1% 55.6% 53.4 53.9 0.5 1.0% 55.6% 56.2 56.3	0.2	0.3%
56.8% 46.0 46.1 0.0 0.1% 56.8% 49.4 49.3 -0.1 -0.2% 56.8% 53.3 53.7 0.5 0.9% 56.8% 56.1 56.2 58.0% 46.0 46.1 0.0 0.1% 58.0% 49.4 49.3 -0.1 -0.2% 58.0% 53.2 53.7 0.5 1.0% 58.0% 56.0 56.2	0.1	0.2%
56.0% 46.0 46.1 0.1 0.1% 59.3% 49.3 49.3 0.0 -0.1% 59.3% 53.1 53.7 0.6 1.1% 59.3% 56.0 56.2	0.2	0.4%
60.5% 46.0 46.0 0.1 0.1% 60.5% 49.3 49.2 0.0 0.0% 60.5% 53.1 53.7 0.6 1.1% 60.5% 56.0 56.1	0.2	0.3%
61.7% 46.0 46.0 0.1 0.1% 61.7% 49.1 49.2 0.1 0.2% 61.7% 53.0 53.7 0.7 1.2% 61.7% 55.9 56.1 63.0% 45.9 46.0 0.0 0.1% 63.0% 49.1 49.2 0.0 0.1% 63.0% 53.0 53.6 0.7 1.3% 63.0% 55.9 56.1	0.2	0.3%
63.0% 45.9 46.0 0.0 0.1% 63.0% 49.1 49.2 0.0 0.1% 63.0% 53.0 53.6 0.7 1.3% 63.0% 55.9 56.1 64.2% 45.8 46.0 0.1 0.3% 64.2% 49.1 49.1 0.1 0.1% 64.2% 52.9 53.6 0.7 1.4% 64.2% 55.9 56.1	0.2	0.3%
65.4% 45.8 45.9 0.0 0.1% 65.4% 49.0 49.1 0.0 0.1% 65.4% 52.9 53.5 0.6 1.2% 65.4% 55.9 56.0	0.1	0.3%
66.7% 45.8 45.8 0.0 0.0% 66.7% 49.0 49.0 0.0 0.0% 66.7% 52.8 53.4 0.6 1.1% 66.7% 55.9 56.0 67.9% 45.8 45.7 0.1 0.2% 67.9% 49.0 49.0 0.0 0.0% 67.9% 52.8 53.4 0.6 1.1% 67.9% 55.6 56.0	0.2	0.3%
67.9% 45.8 45.7 0.1 0.2% 67.9% 49.0 49.0 0.0 0.0% 67.9% 52.8 53.4 0.6 1.1% 67.9% 55.6 56.0 69.1% 45.8 45.7 0.0 0.1% 69.1% 49.0 49.0 0.0 0.0% 69.1% 52.8 53.4 0.6 1.2% 69.1% 55.6 56.0	0.4	0.7%
70.4% 45.7 45.7 0.0 $0.0%$ $70.4%$ 48.9 48.9 0.0 $0.1%$ $70.4%$ 52.8 53.1 0.3 $0.6%$ $70.4%$ 55.6 56.0	0.4	0.8%
71.6% 45.6 45.6 0.0 0.0% 71.6% 48.8 48.8 -0.1 -0.1% 71.6% 52.7 52.9 0.3 0.5% 71.6% 55.5 55.9	0.4	0.8%
72.8% 45.5 45.5 0.0 0.0% 72.8% 48.6 48.6 0.0 0.0% 72.8% 52.5 52.9 0.4 0.7% 72.8% 55.4 55.9 74.1% 45.4 45.5 0.0 0.1% 74.1% 48.6 48.6 0.0 0.0% 74.1% 52.3 52.8 0.5 1.0% 74.1% 55.2 55.9	0.5	0.9%
75.3% 45.4 45.5 0.0 0.1% 75.3% 48.5 48.6 0.0 0.1% 75.3% 52.3 52.8 0.6 1.1% 75.3% 55.1 55.9	0.7	1.4%
76.5% 45.4 45.4 0.0 -0.1% 76.5% 48.4 48.6 0.2 0.4% 76.5% 52.2 52.7 0.5 1.0% 76.5% 55.0 55.8	0.7	1.3%
77.8% 45.4 45.3 0.0 -0.1% 77.8% 48.3 48.5 0.1 0.2% 77.8% 52.2 52.7 0.5 1.0% 77.8% 55.0 55.6 79.0% 45.3 45.3 0.0 0.0% 79.0% 48.3 48.4 0.1 0.2% 79.0% 52.2 52.6 0.4 0.8% 79.0% 55.0 55.6	0.6 0.5	1.1%
79.0% 45.3 45.3 0.0 0.0% 79.0% 48.3 48.4 0.1 0.2% 79.0% 52.2 52.6 0.4 0.8% 79.0% 55.0 55.6 80.2% 45.2 45.2 0.0 0.0% 80.2% 48.1 48.3 0.2 0.4% 80.2% 51.9 52.5 0.6 1.2% 80.2% 55.0 55.5	0.5	1.0%
81.5% 45.2 45.2 0.0 0.1% 81.5% 48.1 48.1 0.1 0.2% 81.5% 51.8 52.2 0.5 0.9% 81.5% 55.0 55.5	0.6	1.0%
82.7% 45.0 45.1 0.1 0.2% 82.7% 48.0 48.0 0.0 0.0% 82.7% 51.7 52.2 0.4 0.8% 82.7% 55.0 55.5	0.6	1.0%
84.0% 45.0 45.0 0.0 0.0% 84.0% 48.0 48.0 0.0 0.0% 84.0% 51.6 52.0 0.5 0.9% 84.0% 54.9 55.3 85.2% 44.9 45.0 0.1 0.3% 85.2% 47.9 47.9 0.0 -0.1% 85.2% 51.5 51.9 0.5 0.9% 85.2% 54.9 55.2	0.4	0.8% 0.5%
05.276 44.9 45.0 0.1 0.576 05.276 44.9 47.9 47.9 0.0 0.0% 86.4% 51.3 51.9 0.5 0.9% 86.4% 54.8 55.1 51.8 0.5 0.9% 86.4% 54.8 55.1	0.3	0.5%
87.7% 44.8 44.8 0.0 0.1% 87.7% 47.8 47.8 0.0 0.0% 87.7% 51.3 51.8 0.5 0.9% 87.7% 54.8 55.1	0.3	0.5%
88.9% 44.7 44.8 0.1 0.2% 88.9% 47.7 47.8 0.0 0.1% 88.9% 51.2 51.7 0.5 0.9% 88.9% 54.8 54.8	0.0	0.0%
90.1% 44.7 44.7 0.0 -0.1% 90.1% 47.7 47.8 0.0 0.1% 90.1% 51.1 51.5 0.4 0.7% 90.1% 54.7 54.8 91.4% 44.6 44.6 0.1 0.2% 91.4% 47.6 47.7 0.1 0.2% 91.4% 51.0 51.4 0.3 0.7% 91.4% 54.5 54.5	0.1	0.1%
31.4% 44.6 44.6 0.0 0.0% 92.6% 47.6 0.1 0.2% 92.6% 51.0 51.4 0.4 0.7% 92.6% 54.4 54.2	-0.2	-0.4%
93.8% 44.5 44.5 0.0 0.1% 93.8% 47.4 47.4 0.0 0.0% 93.8% 50.9 51.2 0.3 0.5% 93.8% 54.2 54.2	0.0	-0.1%
95.1% 44.4 44.4 0.0 0.0% 95.1% 47.2 47.2 0.0 0.0% 95.1% 50.9 51.0 0.1 0.1% 95.1% 53.8 54.0	0.2	0.3%
96.3% 44.4 44.4 0.0 0.1% 96.3% 47.1 47.1 0.0 0.0% 96.3% 50.8 50.9 0.1 0.2% 96.3% 53.8 53.8 57.5% 44.2 44.2 0.0 0.1% 97.5% 46.9 47.0 0.0 0.0% 97.5% 50.4 50.4 0.1 0.1% 97.5% 53.8 53.8	0.0 -0.1	-0.1% -0.1%
98.8% 44.1 44.2 0.1 0.1% 98.8% 46.7 46.8 0.1 0.2% 98.8% 49.9 49.8 -0.1 -0.2% 98.8% 53.7 53.6	0.0	-0.1%
100.0% 43.6 43.6 0.0 0.0% 100.0% 46.5 46.5 0.0 0.0% 100.0% 48.5 48.6 0.0 0.0% 100.0% 52.6 52.5	-0.1	-0.2%

Table SQ-07-7b
Sacramento River below Red Bluff, Monthly Temperature
Probability of Exceedance

August

September

Percent		June			Percent		,			Percent		August			Percent				
Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)				(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	61.1	60.3	-0.7	-1.2%	0.0%	63.6	62.8	-0.8	-1.2%	0.0%	67.6	66.6	-1.0	-1.5%	0.0%	67.0	65.9	-1.2	-1.7%
1.2%	61.0	60.3	-0.7	-1.2%	1.2%	62.4	62.1	-0.3	-0.5%	1.2%	67.3	62.8	-4.5	-6.7%	1.2%	65.6	65.1	-0.5	-0.8%
2.5%	59.9	59.5	-0.4	-0.7%	2.5%	61.8	61.8	0.0	0.1%	2.5%	66.3	62.5	-3.7	-5.6%	2.5%	65.6	64.9	-0.7	-1.0%
3.7%	59.5	59.5	0.0	0.1%	3.7%	61.4	61.2	-0.1	-0.2%	3.7%	65.0	61.3	-3.7	-5.7%	3.7%	65.2	64.5	-0.7	-1.0%
4.9%	59.4	59.3	-0.1	-0.2%	4.9%	61.3	60.7	-0.6	-1.0%	4.9%	62.6	60.9	-1.8	-2.8%	4.9%	64.9	64.1	-0.9	-1.3%
6.2%	59.1	59.1	-0.1	-0.1%	6.2%	61.2	60.7	-0.5	-0.8%	6.2%	62.4	60.7	-1.7	-2.7%	6.2%	64.9	62.9	-2.0	-3.1%
7.4%	59.0	59.1	0.1	0.1%	7.4%	61.0	60.5	-0.5	-0.8%	7.4%	61.9	60.3	-1.6	-2.6%	7.4%	64.4	62.4	-2.0	-3.1%
8.6%	58.9	58.8	-0.1	-0.2%	8.6%	60.9	60.3	-0.5	-0.9%	8.6%	61.0	60.1	-0.9	-1.5%	8.6%	63.8	61.9	-1.8	-2.9%
9.9%	58.8	58.8	0.0	0.0%	9.9%	60.2	60.3	0.0	0.1%	9.9%	60.7	60.1	-0.6	-1.0%	9.9%	62.4	61.9	-0.5	-0.8%
11.1%	58.6	58.7	0.2	0.3%	11.1%	60.1	59.8	-0.4	-0.6%	11.1%	60.5	60.0	-0.4	-0.7%	11.1%	61.6	61.4	-0.2	-0.3%
12.3%	58.5	58.7	0.2	0.4%	12.3%	60.0	59.6	-0.5	-0.8%	12.3%	60.4	59.8	-0.6	-0.9%	12.3%	61.6	61.2	-0.4	-0.6%
13.6%	58.3	58.6	0.3	0.5%	13.6%	59.7	59.4	-0.3	-0.5%	13.6%	60.3	59.8	-0.5	-0.9%	13.6%	61.5	61.2	-0.3	-0.5%
14.8%	58.2	58.2	0.1	0.1%	14.8%	59.6	59.4	-0.1	-0.3%	14.8%	60.1	59.7	-0.4	-0.6%	14.8%	61.4	60.6	-0.7	-1.2%
16.0%	58.2	58.1	-0.1	-0.2%	16.0%	59.4	59.3	-0.1	-0.1%	16.0%	60.0	59.6	-0.5	-0.8%	16.0%	61.2	60.5	-0.7	-1.2%
17.3%	58.0	58.0	0.0	0.0%	17.3%	59.4	59.1	-0.3	-0.4%	17.3%	59.8	59.6	-0.2	-0.3%	17.3%	60.8	60.4	-0.4	-0.6%
18.5%	57.9	57.9	0.0	0.0%	18.5%	59.2	59.0	-0.2	-0.4%	18.5%	59.7	59.5	-0.2	-0.3%	18.5%	60.7	60.1	-0.6	-0.9%
19.8%	57.9	57.9	0.0	0.0%	19.8%	59.0	58.9	-0.1	-0.2%	19.8%	59.6	59.4	-0.2	-0.4%	19.8%	60.6	60.1	-0.5	-0.8%
21.0%	57.9	57.9	0.0	0.0%	21.0%	59.0	58.9	-0.1	-0.2%	21.0%	59.5	59.2	-0.3	-0.5%	21.0%	60.6	60.0	-0.6	-1.0%
22.2%	57.7	57.7	0.0	-0.1%	22.2%	58.9	58.9	-0.1	-0.1%	22.2%	59.3	59.2	-0.1	-0.2%	22.2%	60.2	59.9	-0.3	-0.5%
23.5%	57.7	57.6	-0.1	-0.2%	23.5%	58.9	58.8	-0.1	-0.1%	23.5%	59.3	59.0	-0.3	-0.5%	23.5%	60.2	59.6	-0.6	-1.0%
24.7%	57.6	57.6	0.0	0.0%	24.7%	58.7	58.8	0.1	0.2%	24.7%	59.2	59.0	-0.3	-0.4%	24.7%	60.0	59.4	-0.6	-1.1%
25.9%	57.5	57.6	0.0	0.1%	25.9%	58.6	58.8	0.2	0.3%	25.9%	59.2	58.9	-0.3	-0.5%	25.9%	60.0	59.4	-0.6	-1.0%
27.2%	57.5	57.5	0.0	-0.1%	27.2%	58.5	58.8	0.2	0.3%	27.2%	59.1	58.9	-0.2	-0.4%	27.2%	59.6	59.3	-0.3	-0.5%
28.4%	57.5	57.4	-0.1	-0.1%	28.4%	58.5	58.6	0.1	0.2%	28.4%	59.1	58.8	-0.3	-0.4%	28.4%	59.5	59.2	-0.3	-0.5%
29.6%	57.5	57.4	-0.1	-0.2%	29.6%	58.5	58.5	0.0	0.0%	29.6%	58.9	58.7	-0.2	-0.3%	29.6%	59.4	59.1	-0.3	-0.6%
30.9%	57.5	57.4	-0.1	-0.2%	30.9%	58.5	58.5	-0.1	-0.1%	30.9%	58.8	58.7	-0.2	-0.3%	30.9%	59.4	59.0	-0.5	-0.8%
32.1%	57.5	57.4	-0.1	-0.2%	32.1%	58.5	58.4	-0.1	-0.2%	32.1%	58.8	58.7	-0.1	-0.2%	32.1%	59.4	59.0	-0.5	-0.8%
33.3%	57.4	57.4	0.0	-0.1%	33.3%	58.4	58.2	-0.2	-0.4%	33.3%	58.8	58.7	-0.1	-0.2%	33.3%	59.4	58.9	-0.4	-0.7%
34.6%	57.3	57.3	0.0	0.0%	34.6%	58.3	58.2	-0.1	-0.2%	34.6%	58.7	58.6	-0.1	-0.1%	34.6%	59.3	58.9	-0.4	-0.8%
35.8%	57.3	57.3	0.0	0.0%	35.8%	58.2	58.1	-0.1	-0.2%	35.8%	58.7	58.6	-0.1	-0.1%	35.8%	59.3	58.8	-0.5	-0.8%
37.0%	57.3	57.3	0.0	0.0%	37.0%	58.1	58.1	-0.1	-0.1%	37.0%	58.6	58.6	0.0	0.0%	37.0%	59.3	58.7	-0.5	-0.9%
38.3%	57.3	57.2	0.0	0.0%	38.3%	58.1	58.1	-0.1	-0.1%	38.3%	58.6	58.6	0.0	-0.1%	38.3%	59.2	58.7	-0.5	-0.9%
39.5%	57.2	57.2	0.0	0.0%	39.5%	58.1	58.1	0.0	0.0%	39.5%	58.6	58.5	-0.1	-0.1%	39.5%	59.1	58.6	-0.4	-0.7%
40.7%	57.2	57.2	0.0	0.1%	40.7%	58.0	58.0	0.0	0.0%	40.7%	58.6	58.5	-0.1	-0.2%	40.7%	59.0	58.6	-0.4	-0.7%
42.0%	57.1	57.1	0.0	0.0%	42.0%	58.0	58.0	0.0	0.0%	42.0%	58.4	58.5	0.1	0.1%	42.0%	59.0	58.5	-0.5	-0.9%
43.2%	57.0	57.1	0.0	0.0%	43.2%	58.0	57.9	-0.1	-0.2%	43.2%	58.4	58.4	0.1	0.2%	43.2%	59.0	58.5	-0.5	-0.9%
44.4%	57.0	57.0	0.1	0.1%	44.4%	57.9	57.8	-0.1	-0.1%	44.4%	58.3	58.4	0.1	0.2%	44.4%	59.0	58.5	-0.5	-0.9%
45.7%	57.0	57.0	0.0	0.1%	45.7%	57.9	57.8	-0.1	-0.1%	45.7%	58.3	58.4	0.1	0.2%	45.7%	58.8	58.5	-0.3	-0.5%
46.9%	57.0	57.0	0.0	0.1%	46.9%	57.7	57.8	0.1	0.2%	46.9%	58.3	58.4	0.1	0.1%	46.9%	58.7	58.5	-0.3	-0.5%
48.1%	56.9	57.0	0.1	0.1%	48.1%	57.7	57.8	0.1	0.2%	48.1%	58.3	58.3	0.0	0.0%	48.1%	58.7	58.4	-0.3	-0.4%
49.4%	56.9	57.0	0.1	0.1%	49.4%	57.5	57.6	0.1	0.2%	49.4%	58.3	58.3	0.0	0.0%	49.4%	58.5	58.3	-0.2	-0.4%
50.6%	56.9	56.9	0.1	0.1%	50.6%	57.5	57.6	0.1	0.1%	50.6%	58.3	58.2	0.0	-0.1%	50.6%	58.5	58.3	-0.2	-0.4%
51.9%	56.9	56.9	0.1	0.2%	51.9%	57.4	57.5	0.1	0.3%	51.9%	58.3	58.2	-0.1	-0.1%	51.9%	58.4	58.3	-0.1	-0.2%
53.1%	56.8	56.9	0.0	0.1%	53.1%	57.4	57.5	0.2	0.3%	53.1%	58.2	58.1	-0.1	-0.2%	53.1%	58.4	58.3	-0.1	-0.1%
54.3%	56.8	56.9	0.1	0.1%	54.3%	57.2	57.5	0.2	0.4%	54.3%	58.2	58.1	-0.1	-0.1%	54.3%	58.3	58.2	-0.1	-0.1%
55.6%	56.8	56.8	0.1	0.1%	55.6%	57.2	57.5	0.3	0.5%	55.6%	58.1	58.1	0.0	0.0%	55.6%	58.3	58.2	-0.1	-0.1%
56.8%	56.6	56.8	0.2	0.3%	56.8%	57.2	57.4	0.3	0.4%	56.8%	58.1	58.1	0.0	0.1%	56.8%	58.2	58.1	-0.1	-0.2%
58.0%	56.6	56.8	0.2	0.3%	58.0%	57.1	57.4	0.3	0.5%	58.0%	58.1	58.1	0.0	0.1%	58.0%	58.2	57.8	-0.5	-0.8%
59.3%	56.6	56.8	0.2	0.3%	59.3%	57.1	57.3	0.2	0.4%	59.3%	58.0	58.1	0.1	0.2%	59.3%	58.1	57.8	-0.4	-0.6%
60.5%	56.6	56.8	0.2	0.3%	60.5%	57.1	57.3	0.2	0.4%	60.5%	58.0	58.1	0.1	0.2%	60.5%	58.1	57.7	-0.4	-0.6%
61.7%	56.6	56.8	0.2	0.3%	61.7%	57.0	57.2	0.2	0.3%	61.7%	58.0	58.0	0.1	0.1%	61.7%	58.0	57.7	-0.3	-0.5%
63.0%	56.6	56.8	0.2	0.3%	63.0%	57.0	57.1	0.1	0.1%	63.0%	57.9	58.0	0.1	0.1%	63.0%	57.7	57.7	-0.1	-0.1%
64.2%	56.5	56.7	0.1	0.2%	64.2%	57.0	57.1	0.1	0.1%	64.2%	57.9	58.0	0.0	0.1%	64.2%	57.7	57.7	-0.1	-0.1%
65.4%	56.5	56.6	0.1	0.1%	65.4%	57.0	57.1	0.1	0.1%	65.4%	57.9	57.9	0.0	0.0%	65.4%	57.7	57.6	-0.1	-0.1%
66.7%	56.5	56.6	0.1	0.1%	66.7%	56.9	57.0 57.0	0.1	0.2%	66.7%	57.9	57.9	0.0	0.0%	66.7%	57.7	57.6	-0.1	-0.2%
67.9%	56.4 56.4	56.6 56.6	0.2	0.3%	67.9%	56.9 56.8	57.0	0.1	0.2%	67.9%	57.9 57.9	57.9 57.9	0.0	0.0%	67.9%	57.6 57.5	57.4 57.4	-0.1 -0.1	-0.3%
69.1% 70.4%	56.3	56.5	0.2	0.3%	69.1% 70.4%	56.8	57.0 57.0	0.2	0.3%	69.1% 70.4%	57.9 57.8	57.9 57.8	0.0	0.0%	69.1% 70.4%	57.5 57.0	57.4 57.3	-0.1	-0.2% 0.5%
70.4%	56.3	56.5	0.2	0.3%	70.4%	56.8	56.9	0.2	0.3%	70.4%	57.8	57.8	-0.1	-0.1%	70.4%	57.0	57.3	0.3	0.6%
71.6%	56.3 56.2	56.5 56.5	0.2	0.5%	71.6%	56.8	56.9	0.2	0.3%	71.6%	57.8 57.7	57.8 57.8	0.0	-0.1% 0.1%	71.6%	56.9	57.3 57.2	0.4	0.6%
74.1%	56.2	56.4	0.3	0.5%	74.1%	56.7	56.9	0.2	0.3%	72.6%	57.7 57.7	57.6	-0.1	-0.1%	74.1%	56.9	57.2 57.2	0.3	0.4%
74.1%	56.2 56.2	56.4 56.4	0.2	0.4%	74.1% 75.3%	56.7	56.9 56.9	0.2	0.3%	74.1%	57.7 57.7	57.7 57.6	-0.1	-0.1% -0.1%	74.1% 75.3%	56.8	57.2 57.2	0.3	0.6%
76.5%	56.1	56.3	0.2	0.4%	76.5%	56.7	56.9	0.1	0.2%	76.5%	57.7	57.6	-0.1	-0.1%	76.5%	56.8	56.9	0.3	0.2%
77.8%	56.1	56.3	0.2	0.3%	77.8%	56.7	56.8	0.2	0.3%	77.8%	57.6	57.6 57.4	-0.1	-0.1%	77.8%	56.8	56.8	0.0	0.2%
79.0%	56.1	56.2	0.1	0.3%	79.0%	56.7	56.8	0.2	0.3%	79.0%	57.5	57.4 57.4	-0.2	-0.2%	77.8%	56.8	56.8	0.0	0.1%
80.2%	56.1	56.2	0.1	0.1%	80.2%	56.7	56.8	0.2	0.2%	80.2%	57.5	57.4 57.4	-0.1	-0.2%	80.2%	56.8	56.7	0.0	0.1%
81.5%	56.1	56.1	0.0	0.1%	81.5%	56.6	56.7	0.1	0.2%	81.5%	57.5 57.4	57.4	-0.1	-0.2%	81.5%	56.7	56.7	0.0	0.0%
82.7%	56.1	56.1	0.0	0.1%	82.7%	56.6	56.5	-0.1	-0.1%	82.7%	57.4	57.3	-0.1	-0.1%	82.7%	56.7	56.7	0.0	-0.1%
84.0%	56.1	56.1	0.1	0.1%	84.0%	56.6	56.4	-0.1	-0.1%	84.0%	57.4 57.4	57.3	-0.1	-0.1%	84.0%	56.6	56.6	0.0	-0.1%
85.2%	56.0	56.1	0.0	0.1%	85.2%	56.5	56.4	-0.1	-0.1%	85.2%	57.3	57.2	-0.1	-0.2%	85.2%	56.6	56.6	0.0	0.0%
86.4%	56.0	56.1	0.0	0.1%	86.4%	56.4	56.3	-0.1	-0.1%	86.4%	57.3	57.1	-0.1	-0.2%	86.4%	56.5	56.5	0.0	0.0%
87.7%	56.0	56.0	0.0	0.0%	87.7%	56.4	56.3	-0.1	-0.2%	87.7%	57.3	57.1	-0.2	-0.3%	87.7%	56.3	56.3	0.0	0.0%
88.9%	56.0	56.0	0.0	0.0%	88.9%	56.3	56.2	-0.1	-0.2%	88.9%	57.3	57.0	-0.2	-0.3%	88.9%	56.2	56.3	0.0	0.0%
90.1%	55.9	55.9	0.0	0.1%	90.1%	56.3	56.2	-0.1	-0.1%	90.1%	57.0	57.0	0.1	0.1%	90.1%	56.2	56.2	0.0	-0.1%
91.4%	55.8	55.9	0.1	0.1%	91.4%	56.1	56.2	0.1	0.1%	91.4%	56.9	57.0	0.1	0.1%	91.4%	56.2	56.0	-0.2	-0.1%
92.6%	55.6	55.8	0.1	0.3%	92.6%	56.1	56.1	0.1	0.1%	92.6%	56.8	57.0	0.1	0.1%	92.6%	56.1	56.0	-0.2	-0.3%
93.8%	55.6	55.7	0.2	0.3%	93.8%	55.9	55.8	0.0	-0.1%	93.8%	56.6	56.9	0.1	0.5%	93.8%	56.1	55.7	-0.4	-0.7%
95.1%	55.3	55.7	0.2	0.6%	95.1%	55.8	55.8	0.0	0.0%	95.1%	56.6	56.9	0.3	0.6%	95.1%	56.0	55.5	-0.5	-1.0%
96.3%	55.0	55.4	0.4	0.7%	96.3%	55.8	55.6	-0.2	-0.3%	96.3%	56.3	56.7	0.4	0.7%	96.3%	55.9	54.8	-1.1	-1.9%
97.5%	55.0	55.3	0.4	0.6%	97.5%	55.8	55.6	-0.2	-0.5%	97.5%	56.3	56.5	0.4	0.5%	97.5%	55.6	54.8	-0.8	-1.4%
98.8%	54.9	55.0	0.1	0.2%	98.8%	55.7	55.5	-0.2	-0.4%	98.8%	56.0	56.4	0.4	0.7%	98.8%	54.5	54.7	0.2	0.4%
100.0%	54.8	54.8	0.0	0.0%	100.0%	55.6	55.2	-0.4	-0.7%	100.0%	55.9	56.4	0.5	1.0%	100.0%	54.3	54.5	0.2	0.4%
100.070	00	00	0.0	0.070	100.076	00.0	00.L	0.1	0.770	100.070	00.0	00.1	0.0	1.070	.00.070	01.0	01.0	U.L	0.170

Table SQ-08-7a Sacramento River below Hamilton City, Monthly Temperature Long-term Average and Average by Water Year Type

						thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Mav	Jun	Jul	Aua	Sep
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	56.4	50.9	45.5	44.4	46.8	50.8	55.2	59.5	60.6	61.7	62.4	61.4
Alternative C	56.2	50.7	45.7	44.6	46.8	50.9	55.7	59.7	60.7	61.7	62.2	61.2
Difference	-0.2	-0.1	0.1	0.1	0.0	0.1	0.5	0.2	0.0	0.0	-0.2	-0.2
Percent Difference ³	-0.4%	-0.3%	0.3%	0.3%	0.1%	0.2%	0.8%	0.3%	0.1%	-0.1%	-0.3%	-0.39
				Water Y	ear Types	2						
Wet (32%)												
No Action Alternative	55.8	51.2	45.6	44.7	46.4	49.6	53.8	59.0	60.6	62.0	61.9	59.0
Alternative C	55.6	51.2	45.9	44.8	46.4	49.7	53.9	58.8	60.3	62.1	62.1	59.0
Difference	-0.1	-0.1	0.3	0.1	0.0	0.1	0.1	-0.1	-0.3	0.1	0.2	0.0
Percent Difference	-0.3%	-0.1%	0.6%	0.2%	0.1%	0.1%	0.3%	-0.2%	-0.4%	0.2%	0.3%	0.0%
Above Normal (15%)												
No Action Alternative	55.7	50.5	45.9	44.8	46.8	50.8	55.4	60.2	60.3	60.8	62.0	60.7
Alternative C	55.5	50.5	46.2	44.9	46.8	50.9	55.7	60.0	60.5	60.7	62.2	61.0
Difference	-0.2	0.0	0.3	0.1	0.0	0.1	0.3	-0.2	0.2	-0.1	0.2	0.3
Percent Difference	-0.3%	0.0%	0.6%	0.3%	0.1%	0.1%	0.5%	-0.3%	0.3%	-0.2%	0.3%	0.4%
Below Normal (17%)												
No Action Alternative	55.5	50.5	45.8	44.2	46.3	50.8	55.9	59.7	60.2	61.2	61.7	61.9
Alternative C	55.2	50.4	45.8	44.3	46.3	50.9	56.4	60.0	60.4	61.0	61.9	61.6
Difference	-0.3	-0.1	0.0	0.1	0.0	0.1	0.6	0.3	0.1	-0.2	0.2	-0.3
Percent Difference	-0.5%	-0.2%	0.0%	0.3%	0.1%	0.2%	1.0%	0.6%	0.2%	-0.3%	0.3%	-0.5%
Dry (22%)												
No Action Alternative	56.7	51.0	45.5	44.1	46.9	51.6	56.2	59.3	60.7	61.2	62.1	62.7
Alternative C	56.5	50.8	45.5	44.4	47.0	51.7	56.8	59.7	61.0	61.3	61.8	62.3
Difference	-0.2	-0.2	0.0	0.3	0.0	0.1	0.6	0.4	0.3	0.1	-0.3	-0.4
Percent Difference	-0.4%	-0.5%	-0.1%	0.6%	0.0%	0.2%	1.1%	0.7%	0.5%	0.1%	-0.5%	-0.79
Critical (15%)		•										
No Action Alternative	59.0	50.6	44.8	44.3	47.8	52.2	55.8	59.8	61.4	63.7	65.1	64.8
Alternative C	58.7	50.3	44.9	44.4	47.9	52.3	56.8	60.6	61.5	63.2	63.3	64.2
Difference	-0.4	-0.3	0.1	0.1	0.1	0.1	1.0	0.8	0.1	-0.4	-1.7	-0.6
Percent Difference	-0.7%	-0.5%	0.3%	0.3%	0.2%	0.2%	1.7%	1.3%	0.2%	-0.7%	-2.7%	-0.99

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



Figure SQ-08-7b Sacramento River below Hamilton City, Monthly Temperature Probability of Exceedance

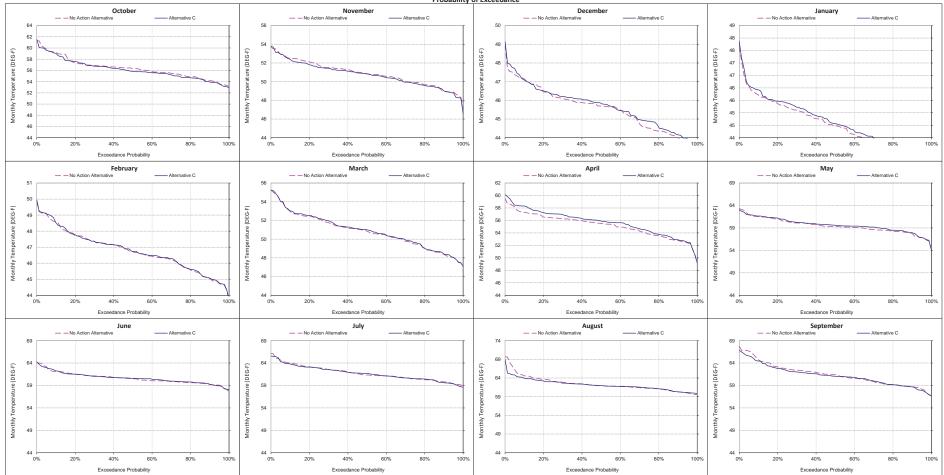


Table SQ-08-7b Sacramento River below Hamilton City, Monthly Temperature Probability of Exceedance

Decembe

January

Novembe

Octobe

Percent Percent Percent Percent No Action Alternative Alternative C Absolute Relative Relative Relative Relative Exceedance Exceedance Difference Difference Difference Difference Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG-F) (DEG₂E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) 0.0% 61.3 61.5 0.2 0.4% 0.0% 53.7 53.8 0.2% 0.0% 49.0 49.1 0.3% 47.9 0.5% 1.2% 61.3 60.1 -1.2 -2.0% 1.2% 53.5 53.7 0.2 0.3% 1.2% 47.7 48.0 0.3 0.6% 1.2% 47.1 47.2 0.1 0.3% 2.5% 60.4 60.0 -0.4-0.6% 2.5% 53.5 53.1 -0.7% 2.5% 47.5 47.9 0.8% 2.5% 46.5 46.8 0.6% 3.7% 3.7% 60.1 60.0 -0.1 -0.2% 3.7% 53.2 53.1 -0.1 -0.2% 3.7% 47.5 47.8 0.2 0.5% 46.2 46.3 0.1 0.2% 4.9% 59.8 59.6 -0.2 -0.4% 4.9% 53.0 53.0 0.0 0.0% 4.9% 47.4 47.7 0.3 0.7% 4.9% 46.1 46.1 0.0 0.0% 6.2% 6.2% 6.2% 6.2% 59.4 59.4 0.0 0.0% 52.8 52.9 0.0 0.1% 47.3 47.5 0.1 0.3% 45.9 46.0 0.1 0.3% 7.4% 0.0% 7.4% 52.6 -0.2% 7.4% 47.2 0.3% 7.4% 45.9 46.0 0.1 0.3% -0.1 8.6% 8.6% 8.6% 8.6 · . 9.9% 11.1% 12.3% 8.6% 59.3 59.2 -0.2 -0.3% 52.6 52.5 0.0 -0.1% 47.2 47.2 -0.1% 45.8 45.9 0.4% 9.9% -0.4% 0.5% -0.2% 11.1% 12.3% 59.0 58.7 -0.3 -0.5% 11.1% 52.5 52.2 -0.3 -0.5% 11.1% 47.0 47.0 0.0 -0.1% 45.6 45.9 0.2 0.5% 13.6% 13.6% 13.6% -0.7% 0.1% 58.9 58.4 -0.5 -0.8% 52.4 52 1 -0 4 46.9 46.9 0.0 0.0% 45.6 45.7 0.1 -1.9% 16.0% 16.0% 16.0% 16.0% 58.1 57.7 -0.4 -0.7% 52.3 52.0 -0.3 -0.5% 46.9 46.6 -0.2 -0.5% 45.5 45.5 0.0 0.0% 18.5% 57.5 18.5% -0.4% 18.5% 18.5% 0.1% 57.6 0.1 0.2% 52.2 52.0 -0.2 46.7 46.5 -0.2 -0.4% 45.4 45.5 0.0 19.8% 21.0% 57.4 57.2 57.6 57.5 0.2 0.3% 51.8 51.8 -0.3 -0.3 19.8% 0.1 0.1% 19.8% 21.0% 0.1 21.0% 0.5% 52.0 -0.5% 46.4 46.5 45.3 45.5 0.3% 22.2% 23.5% 57.2 57.2 0.3% 22.2% 23.5% -0.7% 22.2% 23.5% 22.2% 23.5% 45.4 0.2 -0.3 -0.4 0.1 57.3 51.6 0.2% 52.0 -0.7% 46.4 46.4 0.0 -0.1% 45.3 45.4 0.3% 24.7% 25.9% 57.0 57.0 0.4% 24.7% 25.9% 24.7% 25.9% 0.3% 24.7% 25.9% 45.4 45.4 0.2 -0.1 51.5 51.5 -0.3 -0.1 -0.5% 46.2 46.3 45.2 0.2 0.4% 51.6 -0.3% 46.3 0.1 45.2 0.4% 56.9 46.2 27.2% 28.4% 27.2% 28.4% 57.0 56.9 -0.2% 27.2% 51.5 -0.2% 27.2% 46.1 46.3 45.2 45.3 0.2 56.9 -0.1 -0.2% 28.4% 51.5 51.4 -0.1 -0.1% 28.4% 46.1 0.1 0.2% 0.2 0.4% 46.2 45.1 45.3 29.6% 30.9% -0.2% -0.2% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 56.9 56.9 51.4 51.4 0.3% 45.2 45.2 0.1 0.3% -0.2% 32.1% 56.8 -0.2% 32.1% 51.5 51.3 -0.2 -0.4% 32.1% 46.0 46.2 0.3% 32.1% 45.0 45.2 0.1 0.3% 33.3% -0.2% 33.3% 51.3 -0.3% 33.3% 46.0 0.1 0.3% 33.3% 45.2 0.1 0.3% 34.6% 56.8 -0.1 -0.2% 34.6% 51.4 51.2 -0.2 -0.4% 34.6% 46.0 46.1 0.2 0.3% 34.6% 44.9 45.1 0.2 0.4% 35.8% -0.1% 35.8% 51.2 -0.2 35.8% 0.2 35.8% 0.1 56.7 -0.3% 0.4% 0.3% 37.0% 56.7 -0.1 -0.3% 37.0% 51.4 51.2 -0.2-0.3% 37.0% 45.9 46.1 0.2 0.4% 37.0% 44.9 45.0 0.1 0.2% 38.3% 56.6 -0.4% 38.3% 51.2 38.3% 38.3% 44.9 -0.2% 44.8 0.3% 39.5% 56.6 56.4 -0.3 -0.4% 39.5% 51.3 51.1 -0.2 -0.3% 39.5% 45.9 46.1 0.2 0.4% 39.5% 44.8 44.9 0.1 0.3% 40.7% 56.6 56.4 -0.4% 40.7% 51.3 51.1 -0.1 -0.3% 40.7% 45.9 46.0 0.2 0.3% 40.7% 44.8 44.9 0.1 0.2% 42.0% 56.6 56.3 -0.2-0.4% 42.0% 51.2 51.1 -0.2% 42.0% 45.8 46.0 0.2 0.4% 42.0% 44.8 44.8 0.1 0.2% 43.2% 56.5 56.3 -0.3 -0.5% 43.2% 51.1 51.0 0.0 0.0% 43.2% 45.8 46.0 0.2 0.4% 43.2% 44.7 44.8 0.1 0.2% 44.4% 56.5 56.1 -0.3 -0.6% 44.4% 51.0 50.9 -0.2% 44.4% 45.8 45.9 0.3% 44.4% 44.6 44.8 0.2 0.4% 45.7% 45.7% 45.7% 56.5 56.1 -0.4 -0.6% 51.0 50.9 -0.1 -0.1% 45.8 45.9 0.1 0.2% 45.7% 44.6 44.8 0.2 0.4% -0.8% 46.9% 56.5 46.9% 51.0 50.9 -0.2% 46.9% 45.8 45.9 0.1% 46.9% 44.5 44.6 0.1 0.2% 48.1% 49.4% 0.4% 56.5 55.9 -0.5 -0.9% 48.1% 50.9 50.9 0.0 -0.1% 48.1% 45.7 45.9 0.2 48.1% 44.5 44.6 0.1 0.1% 56.4 -0.9% 49.4% 50.8 0.0% 49.4% 45.7 0.4% 49.4% 44.5 44.6 0.1 0.2% 50.6% 50.6% 50.6% 50.6% 56.4 55.8 -0.5 -0.9% 50.8 50.8 0.0 -0.1% 45.7 45.8 0.1 0.3% 44.5 44.6 0.1 0.2% 51.9% 56.3 56.2 55.8 55.8 -0.6 -1.0% 51.9% 50.8 -0.1% 45.8 0.1 0.3% 51.9% 53.1% 44.5 0.1 53.1% 53.1% 53.1% -0 4 -0.8% 50.8 50.7 -0.1 -0.2% 45.7 45.8 0.2% 44 4 445 0.2% 55.6% 56.8% 55.6% 55.6% 55.6% 56.0 55.8 -0.3 -0.5% 50.8 50.6 -0.1 -0.2% 45.6 45.7 0.0 0.1% 44.4 44.5 0.1 0.2% 58.0% 58.0% 58.0% 56.0 55.6 -0.4 -0.7% 50.6 50.5 -0.1 -0.2% 45.6 45.5 -0.1 -0.2% 58.0% 44.2 44.3 0.2 0.4% 60.5% 60.5% 60.5% 55.7 55.6 -0.1 -0.3% 50.6 50.4 -0.2 -0.3% 45.5 45.4 0.0 0.0% 60.5% 44.1 44.2 0.1 0.2% 61.7% -0.3% 61.7% 44 2 63.0% 63.0% 55.7 63.0% 0.1 63.0% 55.6 -0.2 -0.3% 50.5 50.4 -0.2 -0.3% 45.3 45.4 0.3% 44.0 44.2 0.2 0.4% 64.2% 65.4% 55.5 55.4 -0.2 -0.2 -0.4% -0.4% 64.2% 65.4% 50.3 -0.2% -0.3% 64.2% 65.4% 45.2 45.1 64.2% 65.4% 44.0 43.9 0.2 55.6 -0.1 45.2 0.0 44.1 0.4% 50.4 0.1% 66.7% 67.9% -0.4% 66.7% 67.9% 66.7% 67.9% 45.2 45.2 66.7% 67.9% 55.6 -0.2 50.4 50.1 -n 2 -0.5% 45.1 0.2% 43.9 44 1 0.2 0.4% 55.6 -0.2 50.1 0.1 55.4 44.1 50.2 -0.1 -0.2% 45.1 0.1% 43.8 0.5% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 55.3 55.2 -0.5% 44 Q 43.8 44.1 0.2 55.4 -0.3 -0.5% 50.0 49.9 -0.1 -0.1% 44.7 45.0 0.3 0.6% 43.7 44.0 0.5% 71.6% 55.4 55.0 -0.4 -0.7% -0.6% 71.6% 49 9 -0.1% 71.6% 44 6 44 9 0.3 0.8% 71.6% 439 0.2 72.8% 55.4 55.0 -0.3 72.8% 50.0 49.9 -0.1 -0.1% 72.8% 44.6 44.9 0.3 0.8% 72.8% 43.7 43.9 0.2 0.5% -0.6% -0.7% 74.1% 75.3% 74.1% 75.3% 74.1% 49.8 -0.2% -0.2% 74.1% 44.5 0.8% 43.9 0.2 75.3% 49.8 75.3% 43.9 0.5% 76.5% 55.1 -0.4 -0.6% 76.5% 49.9 49.7 -0.4% 76.5% 44.4 44.8 0.4 0.9% 76.5% 43.5 43.8 0.3 0.7% 77.8% -0.4% 77.8% -0.2 77.8% 0.5 1.0% 77.8% 0.3 0.7% -0.2 49.7 -0.3% 43.8 79.0% 54.9 -0.2 -0.3% 79.0% 49.7 49.6 -0.1 -0.2% 79.0% 44.4 44.7 0.3 0.8% 79.0% 43.5 43.8 0.3 0.7% 80.2% 54.7 -0.4% 80.2% 49.6 -0.2% 80.2% 44.4 80.2% 43.7 54.9 49.7 44.5 0.3% 43.5 0.6% 81.5% 54.9 54.6 -0.2-0.4% 81.5% 49.7 49.5 -0.3% 81.5% 44.4 44.5 0.3% 81.5% 43.4 43.7 0.2 0.5% 82.7% 82.7% 54.9 -0.5% 82.7% 49.5 -0.2% 44.3 44.5 0.1 0.3% 82.7% 43.4 43.6 0.2 0.4% 84.0% 54.7 -0.1 -0.2% 84.0% 49.6 49.5 -0.2% 84.0% 44.3 44.4 0.3% 84.0% 43.3 43.5 0.2 0.5% 85.2% 54.6 54.5 -0.1 -0.2% 85.2% 49.6 49.4 -0.1 -0.3% 85.2% 44.2 44.4 0.2 0.4% 85.2% 43.2 43.4 0.1 0.3% 86.4% -0.1% 86.4% 49.5 49.4 -0.2% 86.4% 44.1 44.3 0.3% 86.4% 43.2 43.3 0.2 0.4% 87.7% 54.3 54.0 -0.2 -0.4% 87.7% 49.4 493 -0.1 -0.1% 87.7% 44 1 443 0.2 0.4% 87.7% 43.1 433 0.2 0.4% 88.9% 54.2 54.0 -0.2 -0.3% 88.9% 49.0 49.2 0.2 0.4% 88.9% 44.1 44.2 0.1 0.3% 88.9% 43.1 43.3 0.1 0.3% 90.1% 54.2 53.9 -0.2 -0.5% 90.1% 49.0 49.0 0.0 0.0% 90.1% 44.0 44.2 0.2 0.4% 90.1% 43.1 43.2 0.1 0.2% 91.4% 53.9 53.8 91.4% 48.9 91.4% 43.9 91.4% 42.9 43.1 0.2 0.4% 91.4% 92.6% 92.6% 54.0 -0.2 -0.3% 48 9 48 9 0.0 0.0% 43.8 44.0 0.2 0.5% 92.6% 42 9 429 0.0% 93.8% -0.2 -0.3% 48.8 -0.2% 93.8% 42.8 0.1 54.0 53.8 93.8% 48.9 -0.193.8% 43.7 44.0 0.3 0.6% 42.8 0.1% 95.1% 95.1% 95.1% 95.1% 53.5 53.6 0.1 0.2% 48.9 48.8 -0.1 -0.2% 43.7 43.9 0.2 0.6% 42.7 42.7 0.0 0.1% 96.3% 53.3 -0.3% 96.3% 48.3 -0.7% 96.3% 97.5% 43.5 43.8 0.2 0.5% 96.3% 97.5% 42.5 42.7 0.2 0.6% 97.5% 53.1 97.5% 0.2% 53.4 -0 3 -0.6% 48 5 483 -0 2 -0.5% 43.5 436 0.3% 42 4 425 -0.4% 98.8% 42.2 0.0% 100.0% 100.0% 100.0% 100.0% 53.2 53.0 0.0 -0.5% 47.5 46.6 -0.9 -1.9% 41.7 41.9 0.4% 41.6 42.0 0.4 0.9%

Table SQ-08-7b
Sacramento River below Hamilton City, Monthly Temperature
Probability of Exceedance

		February					March					April					May		
Percent Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Percent Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Percent Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Percent Exceedance	No Action Alternative	Alternative C	Absolute	Relative
Probability		Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	 Difference 	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	 Difference 	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (76)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (70)	(%)	(DEG-F)	(DFG-F)	(DEG-F)	Difference (/o)	(%)	(DFG-F)	(DEG-F)	(DEG-F)	Dillerence (x)
0.0%	49.8	50.0	0.1	0.3%	0.0%	55.3	55.2	0.0	0.0%	0.0%	59.5	60.1	0.6	1.0%	0.0%	63.3	63.0	-0.3	-0.5%
1.2%	49.2	49.2	0.0	0.0%	1.2%	55.0	55.2	0.2	0.3%	1.2%	58.7	59.9	1.2	2.0%	1.2%	63.1	62.7	-0.4	-0.6%
2.5%	49.1	49.2	0.1	0.0%	2.5%	54.8	54.9	0.1	0.2%	2.5%	58.6	59.5	0.8	1.4%	2.5%	62.9	62.5	-0.4	-0.7%
3.7%	49.1	49.2	0.0	0.1%	3.7%	54.6	54.5	0.0	-0.1%	3.7%	58.4	58.9	0.5	0.9%	3.7%	62.4	62.0	-0.4	-0.6%
4.9%	49.1	49.1	-0.1	-0.1%	4.9%	54.1	54.0	0.0	0.0%	4.9%	58.2	58.5	0.3	0.5%	4.9%	62.0	61.9	0.0	0.0%
6.2%	48.9	49.0	0.2	0.3%	6.2%	53.9	54.0	0.2	0.3%	6.2%	57.7	58.4	0.8	1.3%	6.2%	61.8	61.9	0.1	0.2%
7.4%	48.7	49.0	0.2	0.5%	7.4%	53.5	53.4	-0.1	-0.2%	7.4%	57.5	58.4	0.9	1.6%	7.4%	61.6	61.8	0.2	0.3%
8.6%	48.6	48.8	0.2	0.5%	8.6%	53.2	53.3	0.1	0.1%	8.6%	57.3	58.3	1.0	1.8%	8.6%	61.6	61.7	0.1	0.2%
9.9%	48.6	48.5	-0.1	-0.2%	9.9%	53.0	53.0	0.0	0.1%	9.9%	57.3	58.3	1.1	1.8%	9.9%	61.5	61.7	0.1	0.2%
11.1%	48.5	48.4	-0.2	-0.3%	11.1%	52.8	53.0	0.2	0.4%	11.1%	57.3	58.2	1.0	1.7%	11.1%	61.4	61.6	0.2	0.3%
12.3%	48.2	48.3	0.1	0.1%	12.3%	52.7	52.8	0.1	0.1%	12.3%	57.1	58.0	0.9	1.5%	12.3%	61.4	61.5	0.1	0.2%
13.6%	48.1	48.3	0.2	0.4%	13.6%	52.7	52.7	0.0	0.1%	13.6%	57.1	57.8	0.7	1.3%	13.6%	61.4	61.5	0.1	0.1%
14.8%	48.1	48.2	0.1	0.2%	14.8%	52.6	52.7	0.1	0.3%	14.8%	57.1	57.6	0.5	1.0%	14.8%	61.3	61.4	0.1	0.1%
16.0%	47.9	48.0	0.1	0.2%	16.0%	52.5	52.7	0.2	0.3%	16.0%	57.0	57.6	0.6	1.0%	16.0%	61.3	61.4	0.1	0.2%
17.3%	47.9	47.9	0.0	0.1%	17.3%	52.5	52.6	0.1	0.3%	17.3%	57.0	57.5	0.5	0.9%	17.3%	61.1	61.4	0.2	0.3%
18.5%	47.8	47.9	0.1	0.1%	18.5%	52.4	52.6	0.1	0.2%	18.5%	56.9	57.4	0.5	0.9%	18.5%	61.0	61.2	0.2	0.4%
19.8%	47.7	47.8	0.1	0.1%	19.8%	52.4	52.5	0.1	0.2%	19.8%	56.5	57.3	0.7	1.3%	19.8%	61.0	61.2	0.2	0.4%
21.0%	47.7	47.7	0.0	0.0%	21.0%	52.4	52.5	0.1	0.2%	21.0%	56.5	57.2	0.6	1.1%	21.0%	61.0	61.0	0.0	0.1%
22.2%	47.7	47.7	0.0	-0.1%	22.2%	52.4	52.4	0.0	0.1%	22.2%	56.5	57.1	0.6	1.1%	22.2%	60.6	61.0	0.4	0.7%
23.5%	47.7	47.6	-0.1	-0.2%	23.5%	52.3	52.4	0.0	0.1%	23.5%	56.5	57.1	0.6	1.1%	23.5%	60.5	61.0	0.5	0.7%
24.7%	47.6	47.5	-0.1	-0.2%	24.7%	52.1	52.2	0.1	0.1%	24.7%	56.4	57.1	0.7	1.2%	24.7%	60.5	60.7	0.2	0.3%
25.9%	47.5	47.5	-0.1	-0.1%	25.9%	52.1	52.2	0.1	0.1%	25.9%	56.4	57.1	0.7	1.2%	25.9%	60.3	60.5	0.2	0.2%
27.2%	47.4	47.5	0.0	0.1%	27.2%	51.9	52.1	0.2	0.5%	27.2%	56.4	57.0	0.7	1.2%	27.2%	60.2	60.4	0.2	0.3%
28.4%	47.4	47.4	0.0	-0.1%	28.4%	51.8	52.0	0.2	0.4%	28.4%	56.3	57.0	0.7	1.3%	28.4%	60.1	60.3	0.2	0.3%
29.6%	47.4	47.4	0.0	0.0%	29.6%	51.8	52.0	0.2	0.4%	29.6%	56.3	57.0	0.7	1.3%	29.6%	60.1	60.3	0.1	0.2%
30.9%	47.3	47.3	0.0	0.1%	30.9%	51.7	51.9	0.2	0.4%	30.9%	56.2	56.8	0.6	1.0%	30.9%	60.1	60.2	0.1	0.2%
32.1%	47.3	47.3	0.0	0.1%	32.1%	51.6	51.8	0.1	0.3%	32.1%	56.2	56.7	0.5	0.9%	32.1%	60.1	60.2	0.1	0.1%
33.3% 34.6%	47.2 47.2	47.3 47.3	0.0	0.0%	33.3% 34.6%	51.4 51.4	51.6 51.4	0.1	0.3%	33.3% 34.6%	56.2	56.6	0.4	0.6%	33.3%	60.1 60.1	60.1 60.1	0.1	0.1%
								0.0	0.0%		56.2	56.6			34.6%			0.0	0.0%
35.8% 37.0%	47.2 47.2	47.2 47.2	-0.1 0.0	-0.1% -0.1%	35.8% 37.0%	51.4 51.3	51.4 51.4	0.0	0.0%	35.8% 37.0%	56.1 56.1	56.5 56.5	0.4	0.8%	35.8% 37.0%	59.9 59.8	60.1 60.0	0.1	0.2%
38.3%	47.2	47.2			38.3%		51.4				56.0	56.4			38.3%	59.7	60.0		
39.5%	47.2	47.2	0.0	0.0%	39.5%	51.2 51.2	51.3	0.1	0.2% 0.1%	38.3% 39.5%	56.0	56.4	0.4	0.7% 0.7%	39.5%	59.7	59.9	0.2	0.4%
40.7%	47.1	47.1	0.0	0.0%	40.7%	51.2	51.3	0.1	0.3%	40.7%	55.9	56.2	0.4	0.6%	40.7%	59.7	59.8	0.2	0.4%
42.0%	47.1	47.1	0.0	0.0%	42.0%	51.1	51.2	0.1	0.3%	42.0%	55.8	56.2	0.3	0.6%	42.0%	59.7	59.8	0.2	0.5%
43.2%	47.0	47.1	0.1	0.2%	43.2%	51.1	51.1	0.0	0.0%	43.2%	55.8	56.2	0.4	0.7%	43.2%	59.5	59.8	0.3	0.5%
44.4%	47.0	47.0	0.0	0.1%	44.4%	51.1	51.1	0.1	0.1%	44.4%	55.7	56.1	0.4	0.7%	44.4%	59.4	59.8	0.4	0.7%
45.7%	46.9	46.9	0.0	-0.1%	45.7%	51.0	51.1	0.1	0.1%	45.7%	55.7	56.1	0.4	0.7%	45.7%	59.4	59.7	0.4	0.6%
46.9%	46.9	46.9	0.0	0.1%	46.9%	51.0	51.1	0.0	0.1%	46.9%	55.7	56.1	0.4	0.7%	46.9%	59.4	59.7	0.3	0.6%
48.1%	46.8	46.9	0.1	0.3%	48.1%	50.9	51.0	0.1	0.3%	48.1%	55.6	56.0	0.5	0.8%	48.1%	59.3	59.7	0.3	0.6%
49.4%	46.7	46.7	0.0	0.0%	49.4%	50.9	51.0	0.1	0.3%	49.4%	55.6	55.9	0.4	0.7%	49.4%	59.3	59.6	0.3	0.5%
50.6%	46.7	46.7	0.1	0.1%	50.6%	50.8	51.0	0.2	0.3%	50.6%	55.5	55.9	0.4	0.7%	50.6%	59.3	59.6	0.3	0.5%
51.9%	46.7	46.7	0.1	0.1%	51.9%	50.6	50.9	0.3	0.5%	51.9%	55.4	55.9	0.5	0.8%	51.9%	59.3	59.5	0.2	0.4%
53.1%	46.7	46.6	0.0	-0.1%	53.1%	50.6	50.8	0.2	0.3%	53.1%	55.4	55.7	0.3	0.6%	53.1%	59.2	59.5	0.3	0.5%
54.3%	46.6	46.6	0.0	0.0%	54.3%	50.6	50.7	0.2	0.3%	54.3%	55.4	55.7	0.3	0.6%	54.3%	59.2	59.5	0.3	0.4%
55.6%	46.6	46.6	0.0	0.0%	55.6%	50.5	50.6	0.1	0.2%	55.6%	55.4	55.7	0.3	0.5%	55.6%	59.2	59.5	0.3	0.4%
56.8%	46.5	46.5	0.1	0.1%	56.8%	50.5	50.6	0.1	0.1%	56.8%	55.3	55.7	0.3	0.6%	56.8%	59.2	59.4	0.3	0.4%
58.0%	46.5	46.5	0.0	0.1%	58.0%	50.5	50.6	0.1	0.2%	58.0%	55.0	55.6	0.7	1.2%	58.0%	59.2	59.4	0.2	0.4%
59.3%	46.4	46.5	0.0	0.1%	59.3%	50.5	50.5	0.1	0.1%	59.3%	55.0	55.6	0.7	1.2%	59.3%	59.1	59.4	0.3	0.5%
60.5%	46.4	46.5	0.1	0.2%	60.5%	50.3	50.3	0.0	0.1%	60.5%	54.9	55.6	0.7	1.3%	60.5%	59.1	59.4	0.3	0.5%
61.7%	46.4	46.5	0.1	0.2%	61.7%	50.3	50.3	0.0	0.0%	61.7%	54.9	55.6	0.7	1.2%	61.7%	59.1	59.4	0.3	0.5%
63.0%	46.4	46.5	0.1	0.2%	63.0%	50.2	50.3	0.1	0.2%	63.0%	54.8	55.3	0.5	1.0%	63.0%	59.0	59.4	0.3	0.6%
64.2%	46.3	46.4	0.0	0.1%	64.2%	50.2	50.2	0.1	0.1%	64.2%	54.7	55.3	0.6	1.1%	64.2%	59.0	59.3	0.3	0.5%
65.4%	46.3	46.4	0.0	0.1%	65.4%	50.1	50.1	0.0	0.1%	65.4%	54.6	55.0	0.4	0.7%	65.4%	58.9	59.3	0.4	0.7%
66.7%	46.3	46.4	0.0	0.1%	66.7%	50.1	50.1	0.0	0.0%	66.7%	54.6	54.9	0.4	0.7%	66.7%	58.9	59.3	0.4	0.7%
67.9%	46.3	46.3	0.0	0.1%	67.9%	50.0	50.1	0.0	0.1%	67.9%	54.5	54.8	0.3	0.6%	67.9%	58.7	59.2	0.5	0.9%
69.1%	46.2	46.3	0.0	0.1%	69.1%	49.8	50.0	0.2	0.5%	69.1%	54.5	54.8	0.2	0.4%	69.1%	58.7	59.2	0.5	0.9%
70.4%	46.2	46.3	0.1	0.1%	70.4%	49.8	49.9	0.1	0.2%	70.4%	54.2	54.6	0.4	0.8%	70.4%	58.6	59.2	0.5	0.9%
71.6%	46.1	46.2	0.1	0.1%	71.6%	49.7	49.8	0.1	0.2%	71.6%	54.2	54.5	0.4	0.7%	71.6%	58.6	59.1	0.5	0.8%
72.8%	46.1	46.1	0.0	-0.1%	72.8%	49.7	49.8	0.1	0.2%	72.8%	54.1	54.5	0.4	0.8%	72.8%	58.5	59.0	0.5	0.8%
74.1%	45.9	45.9	0.0	0.0%	74.1%	49.5	49.7	0.2	0.4%	74.1%	53.8	54.4	0.5	1.0%	74.1%	58.5	58.9	0.4	0.7%
75.3%	45.8	45.9	0.0	0.1%	75.3%	49.5	49.6	0.1	0.3%	75.3%	53.8	54.3	0.5	0.9%	75.3%	58.5	58.9	0.4	0.6%
76.5%	45.7	45.8	0.0	0.1%	76.5%	49.4	49.5	0.1	0.2%	76.5%	53.7	54.1	0.4	0.7%	76.5%	58.5	58.8	0.4	0.6%
77.8% 79.0%	45.7 45.7	45.7 45.7	0.0	0.1%	77.8% 79.0%	49.4 49.1	49.5 49.1	0.1	0.1%	77.8% 79.0%	53.6 53.6	53.9 53.8	0.2 0.2	0.4%	77.8% 79.0%	58.4 58.3	58.6 58.5	0.2 0.2	0.4%
	45.6	45.7				49.1	49.0					53.8				58.3	58.5	0.2	0.3%
80.2% 81.5%	45.5 45.5	45.6 45.6	0.0 0.1	0.1% 0.2%	80.2% 81.5%	49.0 48.8	49.0 48.9	0.0	0.0% 0.1%	80.2% 81.5%	53.5 53.4	53.8	0.3 0.2	0.5% 0.4%	80.2% 81.5%	58.3 58.2	58.5 58.5	0.2	0.3% 0.5%
82.7%	45.5 45.5	45.5 45.5	0.1	0.2%	82.7%	48.8	48.9	0.0	0.1%	82.7%	53.4	53.7	0.2	0.4%	82.7%	58.2	58.4	0.3	0.4%
84.0%	45.5 45.4	45.5 45.5	0.1	0.2%	84.0%	46.6 48.7	46.9 48.8	0.0	0.0%	84.0%	53.3	53.6	0.3	0.6%	84.0%	58.2 58.2	58.4 58.4	0.2	0.4%
85.2%	45.4 45.3	45.3	0.0	0.1%	85.2%	48.6	48.7	0.0	0.1%	85.2%	53.0	53.4	0.5	0.8%	85.2%	58.1	58.4	0.2	0.4%
86.4%	45.2	45.2	0.0	0.0%	86.4%	48.6	48.7	0.1	0.1%	86.4%	52.9	53.3	0.5	0.5%	86.4%	58.0	58.1	0.3	0.4%
87.7%	45.2 45.2	45.2 45.1	0.0	-0.1%	87.7%	48.6	48.7	0.1	0.2%	87.7%	52.9	53.0	0.4	0.2%	87.7%	58.0	58.1	0.1	0.2%
88.9%	45.1	45.1	0.0	0.1%	88.9%	48.5	48.6	0.1	0.3%	88.9%	52.8	53.0	0.1	0.2%	88.9%	57.9	58.0	0.1	0.2%
90.1%	45.0	45.1	0.0	0.1%	90.1%	48.4	48.4	0.0	0.1%	90.1%	52.8	52.9	0.1	0.2%	90.1%	57.7	57.9	0.1	0.3%
91.4%	44.9	45.0	0.1	0.2%	91.4%	48.2	48.4	0.1	0.3%	91.4%	52.7	52.8	0.1	0.2%	91.4%	57.1	57.8	0.7	1.2%
92.6%	44.9	45.0	0.1	0.2%	92.6%	48.2	48.3	0.1	0.4%	92.6%	52.5	52.8	0.1	0.5%	92.6%	57.1	57.3	0.2	0.4%
93.8%	44.9	44.9	0.0	0.1%	93.8%	48.1	48.1	0.0	0.0%	93.8%	52.5	52.6	0.1	0.2%	93.8%	56.9	56.9	-0.1	-0.1%
95.1%	44.7	44.8	0.0	0.1%	95.1%	48.0	48.0	0.0	0.0%	95.1%	52.4	52.5	0.1	0.2%	95.1%	56.9	56.8	0.0	-0.1%
96.3%	44.7	44.7	0.0	0.1%	96.3%	47.8	47.8	0.0	0.0%	96.3%	52.3	52.5	0.2	0.4%	96.3%	56.7	56.7	0.0	0.1%
97.5%	44.6	44.7	0.0	0.1%	97.5%	47.5	47.6	0.1	0.1%	97.5%	51.5	51.4	0.0	-0.1%	97.5%	56.4	56.3	-0.2	-0.3%
98.8%	44.3	44.3	0.0	0.1%	98.8%	47.5	47.5	0.0	0.0%	98.8%	50.5	50.5	-0.1	-0.1%	98.8%	56.2	56.1	-0.1	-0.3%
100.0%	43.7	43.7	0.0	0.0%	100.0%	47.1	47.1	0.0	0.0%	100.0%	49.2	49.2	0.0	0.0%	100.0%	54.2	54.2	0.0	0.0%

Table SQ-08-7b
Sacramento River below Hamilton City, Monthly Temperature
Probability of Exceedance

August

September

Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)	Dillici cirioc (70)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (10)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (70)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Dilitarchice (10)
0.0%	64.0	64.3	0.2	0.4%	0.0%	66.2	65.6	-0.7	-1.0%	0.0%	69.7	68.9	-0.8	-1.1%	0.0%	67.8	66.8	-0.9	-1.3%
1.2%	64.0	63.7	-0.3	-0.4%	1.2%	66.0	65.5	-0.6	-0.8%	1.2%	69.6	65.3	-4.3	-6.2%	1.2%	66.9	66.5	-0.4	-0.5%
2.5%	63.9	63.3	-0.7	-1.0%	2.5%	65.0	65.4	0.4	0.6%	2.5%	68.1	65.1	-3.0	-4.4%	2.5%	66.8	66.1	-0.4	-1.1%
3.7%	63.4	63.1	-0.7	-0.5%	3.7%	65.0	65.2	0.4	0.4%	3.7%	67.2	64.9	-2.3	-3.4%	3.7%	66.8	65.7	-1.1	-1.7%
4.9%	63.2	63.0	-0.3	-0.3%	4.9%	64.7	64.3	-0.4	-0.5%	4.9%	66.3	64.9	-1.4	-2.2%	4.9%	66.7	65.6	-1.1	-1.6%
6.2%		62.7			6.2%	64.7	64.2		-0.5%	6.2%			-1.4	-1.5%	6.2%	66.5	65.4	-1.0	-1.0%
	62.5		0.3	0.4%		64.2	63.9	-0.3			65.3	64.4 64.3		-1.1%		65.9	65.0	-1.0	-1.5%
7.4%	62.3	62.7	0.4		7.4%			-0.3	-0.5%	7.4%	65.0		-0.7		7.4%			-0.9	-1.3%
8.6%	62.2	62.5	0.4	0.6%	8.6%	64.1	63.9	-0.2	-0.4%	8.6%	64.9	64.2	-0.7	-1.1%	8.6%	65.3	64.5	-0.8	-1.2%
9.9%	62.1	62.2	0.1	0.2%	9.9%	64.0	63.8	-0.2	-0.3%	9.9%	64.6	63.9	-0.6	-1.0%	9.9%	64.8	64.4	-0.3	-0.5%
11.1%	62.1	62.2	0.1	0.1%	11.1%	63.9	63.6	-0.2	-0.4%	11.1%	64.5	63.8	-0.7	-1.2%	11.1%	64.4	64.4	0.0	0.0%
12.3%	62.1	62.0	-0.1	-0.2%	12.3%	63.8	63.6	-0.3	-0.4%	12.3%	64.5	63.8	-0.7	-1.1%	12.3%	64.3	63.9	-0.4	-0.7%
13.6%	62.0	61.7	-0.3	-0.4%	13.6%	63.7	63.4	-0.3	-0.5%	13.6%	64.2	63.8	-0.5	-0.7%	13.6%	64.2	63.8	-0.4	-0.6%
14.8%	62.0	61.6	-0.3	-0.6%	14.8%	63.6	63.2	-0.4	-0.6%	14.8%	64.0	63.5	-0.4	-0.7%	14.8%	64.1	63.3	-0.7	-1.1%
16.0%	61.8	61.6	-0.2	-0.2%	16.0%	63.4	63.2	-0.2	-0.3%	16.0%	63.9	63.4	-0.4	-0.7%	16.0%	64.0	63.3	-0.7	-1.0%
17.3%	61.7	61.6	-0.1	-0.2%	17.3%	63.3	63.1	-0.2	-0.3%	17.3%	63.8	63.4	-0.5	-0.7%	17.3%	63.3	63.1	-0.2	-0.4%
18.5%	61.7	61.5	-0.1	-0.2%	18.5%	63.2	63.1	-0.1	-0.2%	18.5%	63.7	63.3	-0.4	-0.7%	18.5%	63.2	63.0	-0.3	-0.5%
19.8%	61.6	61.5	0.0	-0.1%	19.8%	63.2	63.1	0.0	-0.1%	19.8%	63.7	63.2	-0.4	-0.7%	19.8%	63.2	62.8	-0.3	-0.5%
21.0%	61.4	61.5	0.1	0.1%	21.0%	63.1	63.1	0.0	0.0%	21.0%	63.6	63.0	-0.6	-1.0%	21.0%	63.0	62.8	-0.2	-0.3%
22.2%	61.4	61.4	0.0	0.0%	22.2%	63.0	63.1	0.1	0.1%	22.2%	63.6	63.0	-0.6	-0.9%	22.2%	62.8	62.7	-0.2	-0.3%
23.5%	61.4	61.4	0.0	0.0%	23.5%	62.9	63.0	0.0	0.0%	23.5%	63.4	63.0	-0.4	-0.6%	23.5%	62.8	62.5	-0.3	-0.5%
24.7%	61.3	61.3	-0.1	-0.1%	24.7%	62.9	62.9	0.0	0.0%	24.7%	63.1	63.0	-0.1	-0.2%	24.7%	62.6	62.3	-0.3	-0.5%
25.9%	61.2	61.2	0.0	0.0%	25.9%	62.9	62.7	-0.2	-0.3%	25.9%	63.1	63.0	-0.1	-0.2%	25.9%	62.6	62.2	-0.4	-0.6%
27.2%	61.2	61.2	0.0	0.0%	27.2%	62.7	62.6	-0.1	-0.2%	27.2%	63.0	62.9	-0.1	-0.1%	27.2%	62.6	62.1	-0.5	-0.8%
28.4%	61.1	61.1	-0.1	-0.1%	28.4%	62.7	62.6	-0.1	-0.1%	28.4%	62.8	62.9	0.1	0.2%	28.4%	62.4	62.1	-0.4	-0.6%
29.6%	61.1	61.0	-0.1	-0.1%	29.6%	62.6	62.6	0.0	0.0%	29.6%	62.6	62.9	0.3	0.5%	29.6%	62.4	62.0	-0.4	-0.6%
30.9%	61.1	61.0	-0.1	-0.1%	30.9%	62.5	62.5	0.0	0.0%	30.9%	62.6	62.8	0.3	0.4%	30.9%	62.4	61.9	-0.4	-0.7%
32.1%	61.1	61.0	-0.1	-0.1%	32.1%	62.4	62.4	0.0	0.0%	32.1%	62.6	62.6	0.2	0.1%	32.1%	62.3	61.9	-0.5	-0.7%
33.3%	61.0	61.0	0.0	0.0%	33.3%	62.4	62.4	0.0	0.0%	33.3%	62.5	62.5	0.0	-0.1%	33.3%	62.3	61.8	-0.5	-0.8%
34.6%	61.0	60.9	-0.1	-0.1%	34.6%	62.4	62.4	0.0	0.0%	34.6%	62.5	62.5	-0.1	-0.1%	34.6%	62.2	61.8	-0.5	-0.6%
																		-0.4	
35.8%	61.0	60.9	-0.1 -0.2	-0.2%	35.8% 37.0%	62.3 62.3	62.2	-0.1 -0.1	-0.1%	35.8% 37.0%	62.5	62.4	-0.1	-0.2%	35.8% 37.0%	62.1	61.7		-0.6% -0.7%
37.0%	61.0	60.8		-0.3%			62.2		-0.2%		62.5	62.4	-0.1	-0.1%		62.1	61.6	-0.4	
38.3%	61.0	60.8	-0.2	-0.3%	38.3%	62.2	62.1	-0.2	-0.3%	38.3%	62.5	62.4	-0.1	-0.1%	38.3%	62.0	61.6	-0.4	-0.6%
39.5%	60.8	60.8	0.0	-0.1%	39.5%	62.1	62.0	-0.1	-0.2%	39.5%	62.4	62.4	-0.1	-0.1%	39.5%	62.0	61.6	-0.3	-0.6%
40.7%	60.8	60.7	0.0	-0.1%	40.7%	61.9	61.9	-0.1	-0.1%	40.7%	62.4	62.4	-0.1	-0.1%	40.7%	61.8	61.6	-0.3	-0.5%
42.0%	60.7	60.7	0.0	0.0%	42.0%	61.8	61.8	0.0	0.0%	42.0%	62.4	62.3	-0.1	-0.2%	42.0%	61.7	61.3	-0.4	-0.6%
43.2%	60.7	60.7	0.0	0.0%	43.2%	61.8	61.8	0.0	0.0%	43.2%	62.2	62.2	0.0	0.1%	43.2%	61.6	61.3	-0.3	-0.5%
44.4%	60.7	60.7	0.0	0.1%	44.4%	61.6	61.8	0.2	0.3%	44.4%	62.2	62.1	-0.1	-0.1%	44.4%	61.5	61.3	-0.2	-0.4%
45.7%	60.6	60.7	0.0	0.1%	45.7%	61.6	61.8	0.2	0.3%	45.7%	62.1	62.1	0.0	-0.1%	45.7%	61.5	61.3	-0.2	-0.4%
46.9%	60.6	60.7	0.1	0.1%	46.9%	61.5	61.7	0.2	0.4%	46.9%	62.1	62.0	-0.1	-0.2%	46.9%	61.5	61.2	-0.2	-0.4%
48.1%	60.6	60.7	0.1	0.2%	48.1%	61.3	61.7	0.4	0.6%	48.1%	61.9	62.0	0.0	0.1%	48.1%	61.4	61.1	-0.3	-0.5%
49.4%	60.5	60.6	0.1	0.2%	49.4%	61.3	61.7	0.3	0.5%	49.4%	61.9	62.0	0.0	0.0%	49.4%	61.4	61.1	-0.3	-0.6%
50.6%	60.5	60.6	0.1	0.2%	50.6%	61.3	61.7	0.3	0.5%	50.6%	61.9	61.9	0.0	0.0%	50.6%	61.4	61.0	-0.3	-0.5% -0.2%
51.9%	60.5	60.6	0.1	0.2%	51.9%	61.3	61.5	0.3	0.4%	51.9%	61.9	61.9	0.0	-0.1%	51.9%	61.2	61.0	-0.1	-0.2%
53.1%	60.2	60.5	0.3	0.5%	53.1%	61.2	61.5	0.3	0.4%	53.1%	61.8	61.8	0.0	0.0%	53.1%	61.0	61.0	0.0	0.1%
54.3%	60.2	60.5	0.3	0.5%	54.3%	61.2	61.4	0.2	0.3%	54.3%	61.8	61.8	0.0	0.1%	54.3%	60.9	61.0	0.1	0.2%
55.6%	60.2	60.5	0.3	0.5%	55.6%	61.2	61.4	0.2	0.3%	55.6%	61.8	61.8	0.1	0.1%	55.6%	60.8	60.9	0.1	0.1%
56.8%	60.2	60.5	0.3	0.5%	56.8%	61.2	61.2	0.0	0.1%	56.8%	61.8	61.8	0.1	0.1%	56.8%	60.7	60.9	0.2	0.3%
58.0%	60.1	60.5	0.4	0.7%	58.0%	61.1	61.2	0.0	0.1%	58.0%	61.8	61.8	0.1	0.1%	58.0%	60.7	60.9	0.2	0.3%
59.3%	60.1	60.5	0.4	0.7%	59.3%	61.1	61.2	0.0	0.0%	59.3%	61.7	61.8	0.1	0.1%	59.3%	60.6	60.8	0.3	0.4%
60.5%	60.0	60.3	0.3	0.5%	60.5%	61.1	61.1	0.0	0.0%	60.5%	61.7	61.8	0.1	0.1%	60.5%	60.6	60.8	0.2	0.4%
61.7%	60.0	60.3	0.3	0.5%	61.7%	61.1	61.1	0.0	0.0%	61.7%	61.7	61.8	0.1	0.1%	61.7%	60.6	60.6	0.0	0.1%
63.0%	60.0	60.3	0.3	0.4%	63.0%	61.1	61.0	-0.1	-0.1%	63.0%	61.7	61.7	0.0	0.1%	63.0%	60.5	60.6	0.1	0.2%
64.2%	60.0	60.3	0.3	0.4%	64.2%	61.0	60.9	-0.1	-0.2%	64.2%	61.7	61.7	0.0	0.1%	64.2%	60.4	60.5	0.1	0.2%
65.4%	60.0	60.2	0.2	0.3%	65.4%	61.0	60.9	-0.1	-0.1%	65.4%	61.6	61.7	0.0	0.0%	65.4%	60.3	60.5	0.1	0.4%
66.7%	60.0	60.1	0.2	0.2%	66.7%	60.9	60.8	-0.1	-0.1%	66.7%	61.5	61.6	0.1	0.2%	66.7%	60.1	60.4	0.2	0.4%
67.9%	60.0	60.1	0.1	0.2%	67.9%	60.8	60.8	-0.1	-0.1%	67.9%	61.5	61.6	0.2	0.3%	67.9%	60.0	60.2	0.3	0.3%
69.1%	59.9	60.0	0.0	0.1%	69.1%	60.7	60.7	-0.1	-0.1%	69.1%	61.5	61.6	0.1	0.2%	69.1%	59.9	60.1	0.2	0.3%
70.4%	59.9	60.0	0.1	0.1%	70.4%	60.7	60.7	0.0	0.0%	70.4%	61.4	61.5	0.1	0.2%	70.4%	59.8	60.0	0.2	0.3%
71.6%	59.9	59.9	0.1	0.1%	71.6%	60.7	60.7	0.0	-0.1%	71.6%	61.3	61.5	0.2	0.3%	71.6%	59.6	59.9	0.2	0.5%
71.6%	59.8	59.9	0.1	0.1%	71.8%	60.5	60.6	0.0	0.2%	71.6%	61.3	61.5	0.2	0.3%	71.6%	59.6	59.8	0.3	0.3%
74.1%	59.8	59.9	0.1	0.1%	74.1%	60.5	60.5	0.0	0.1%	74.1%	61.3	61.3	0.0	0.3%	74.1%	59.6	59.6	0.2	0.1%
74.1% 75.3%	59.8 59.7	59.9 59.9	0.1	0.2%	74.1% 75.3%	60.4	60.5	0.0	0.1%	74.1% 75.3%	61.2	61.3	0.0	0.1%	74.1% 75.3%	59.5 59.3	59.5	0.1	0.1%
76.5%	59.7	59.8	0.2	0.3%	76.5%	60.4	60.5	0.1	0.1%	76.5%	61.2	61.3	0.1	0.1%	76.5%	59.3	59.5	0.2	0.3%
		59.8		0.3%		60.4	60.5									59.2			
77.8%	59.6		0.2		77.8%			0.1	0.2%	77.8%	61.2	61.2	0.0	0.0%	77.8%		59.2	0.0	0.0%
79.0%	59.6	59.8	0.2	0.3%	79.0%	60.4	60.4	0.1	0.1%	79.0%	61.1	61.2	0.1	0.1%	79.0%	59.2	59.2	0.0	0.0%
80.2%	59.6	59.8	0.2	0.3%	80.2%	60.3	60.4	0.1	0.2%	80.2%	61.0	61.1	0.1	0.2%	80.2%	59.1	59.2	0.0	0.1%
81.5%	59.6	59.7	0.1	0.1%	81.5%	60.3	60.4	0.1	0.2%	81.5%	61.0	61.1	0.1	0.2%	81.5%	59.1	59.1	0.0	0.0%
82.7%	59.6	59.6	0.0	0.1%	82.7%	60.2	60.3	0.1	0.1%	82.7%	60.9	61.0	0.0	0.1%	82.7%	59.1	59.1	0.0	0.1%
84.0%	59.5	59.6	0.1	0.1%	84.0%	60.1	60.3	0.1	0.2%	84.0%	60.7	60.9	0.3	0.4%	84.0%	58.9	58.9	0.0	0.0%
85.2%	59.5	59.6	0.1	0.2%	85.2%	60.1	60.2	0.0	0.1%	85.2%	60.6	60.8	0.1	0.2%	85.2%	58.8	58.9	0.0	0.1%
86.4%	59.4	59.5	0.1	0.2%	86.4%	60.0	59.8	-0.2	-0.3%	86.4%	60.5	60.7	0.2	0.3%	86.4%	58.8	58.9	0.0	0.1%
87.7%	59.4	59.5	0.1	0.2%	87.7%	59.9	59.7	-0.2	-0.3%	87.7%	60.4	60.3	0.0	-0.1%	87.7%	58.8	58.8	0.0	0.1%
88.9%	59.3	59.5	0.2	0.3%	88.9%	59.9	59.6	-0.2	-0.4%	88.9%	60.3	60.3	0.0	0.1%	88.9%	58.7	58.8	0.1	0.1%
90.1%	59.3	59.2	-0.1	-0.1%	90.1%	59.8	59.6	-0.2	-0.3%	90.1%	60.3	60.3	0.0	0.1%	90.1%	58.7	58.7	0.0	0.0%
91.4%	59.1	59.2	0.0	0.0%	91.4%	59.8	59.6	-0.2	-0.3%	91.4%	60.2	60.2	0.0	0.0%	91.4%	58.6	58.5	-0.1	-0.2%
92.6%	59.1	59.1	0.0	-0.1%	92.6%	59.7	59.5	-0.2	-0.4%	92.6%	60.2	60.2	0.0	0.0%	92.6%	58.5	58.1	-0.4	-0.8%
93.8%	59.1	58.9	-0.1	-0.2%	93.8%	59.5	59.4	-0.1	-0.1%	93.8%	60.1	60.2	0.1	0.1%	93.8%	58.5	58.0	-0.5	-0.9%
95.1%	59.1	58.9	-0.1	-0.2%	95.1%	59.4	59.3	0.0	0.0%	95.1%	59.9	60.1	0.2	0.3%	95.1%	58.2	57.9	-0.3	-0.4%
96.3%	58.8	58.8	0.0	0.0%	96.3%	59.3	59.2	-0.2	-0.3%	96.3%	59.8	60.0	0.2	0.3%	96.3%	58.0	57.7	-0.3	-0.6%
97.5%	58.4	58.3	-0.1	-0.2%	97.5%	59.2	58.9	-0.3	-0.5%	97.5%	59.7	60.0	0.3	0.5%	97.5%	57.3	57.3	0.0	0.0%
98.8%	58.1	58.2	0.0	0.1%	98.8%	59.1	58.7	-0.4	-0.7%	98.8%	59.6	60.0	0.4	0.6%	98.8%	57.0	56.9	0.0	-0.1%
100.0%	57.6	58.1	0.5	0.8%	100.0%	58.8	58.6	-0.3	-0.5%	100.0%	59.6	59.8	0.4	0.4%	100.0%	56.8	56.7	-0.1	-0.1%
100.070	0,.0	00.1	0.0	0.070	100.078	00.0	00.0	0.0	0.070	100.070	00.0	00.0	V.L	0.170	100.070	00.0	00.7	0.1	U.L./U

Table SQ-09-7a Sacramento River at Delevan, Monthly Temperature Long-term Average and Average by Water Year Type

				-9	Mon		erature (DI	FG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Mav	Jun	Jul	Aua	Sep
7 alary 515 T Grida	001	1101	500		ng-term	mu	7401	may	Jun	541	rug	ООР
Full Simulation Period ¹					.,							
No Action Alternative	57.3	51.0	45.3	44.4	47.0	51.4	56.7	61.9	64.0	65.5	65.7	63.4
Alternative C	57.1	50.8	45.4	44.5	47.0	51.5	57.1	62.1	63.6	65.0	65.5	63.2
Difference	-0.1	-0.1	0.1	0.1	0.0	0.1	0.4	0.2	-0.3	-0.5	-0.2	-0.2
Percent Difference ³	-0.2%	-0.2%	0.1%	0.1%	0.0%	0.2%	0.8%	0.3%	-0.5%	-0.7%	-0.4%	-0.29
					ear Types							
Wet (32%)												
No Action Alternative	56.6	51.3	45.4	44.7	46.6	50.2	54.8	61.0	63.8	65.9	65.4	60.9
Alternative C	56.5	51.2	45.5	44.7	46.6	50.2	54.9	60.9	63.2	65.6	65.6	60.9
Difference	-0.1	-0.1	0.2	0.0	0.0	0.1	0.2	0.0	-0.6	-0.2	0.2	0.0
Percent Difference	-0.2%	-0.1%	0.3%	0.0%	0.0%	0.1%	0.3%	-0.1%	-0.9%	-0.4%	0.3%	0.0%
Above Normal (15%)												
No Action Alternative	56.8	50.6	45.7	44.8	46.9	51.3	56.8	62.7	64.0	64.7	65.5	62.8
Alternative C	56.7	50.6	45.8	44.8	46.9	51.4	57.1	62.6	63.6	64.1	65.6	63.1
Difference	-0.1	0.0	0.1	0.0	0.0	0.1	0.4	-0.1	-0.4	-0.6	0.1	0.3
Percent Difference	-0.2%	-0.1%	0.3%	0.1%	-0.1%	0.2%	0.7%	-0.1%	-0.6%	-1.0%	0.2%	0.5%
Below Normal (17%)												
No Action Alternative	56.6	50.7	45.5	44.2	46.5	51.5	57.6	62.3	63.7	65.0	65.2	64.1
Alternative C	56.3	50.6	45.5	44.2	46.5	51.6	58.2	62.7	63.5	64.2	65.2	63.8
Difference	-0.2	-0.1	0.0	0.0	0.0	0.2	0.6	0.4	-0.2	-0.8	0.0	-0.3
Percent Difference	-0.4%	-0.1%	-0.1%	0.0%	0.0%	0.3%	1.1%	0.6%	-0.3%	-1.2%	0.0%	-0.59
Dry (22%)												
No Action Alternative	57.6	51.2	45.3	44.1	47.3	52.2	58.1	62.0	64.2	64.9	65.4	64.7
Alternative C	57.5	51.0	45.3	44.3	47.2	52.3	58.9	62.4	64.1	64.6	65.0	64.4
Difference	-0.1	-0.2	-0.1	0.2	-0.1	0.1	0.8	0.4	-0.1	-0.3	-0.4	-0.3
Percent Difference	-0.1%	-0.4%	-0.1%	0.4%	-0.1%	0.2%	1.3%	0.6%	-0.2%	-0.5%	-0.6%	-0.59
Critical (15%)												
No Action Alternative	59.6	50.7	44.7	44.3	48.2	53.1	57.8	62.3	64.3	66.8	67.8	66.2
Alternative C	59.4	50.5	44.8	44.4	48.2	53.2	58.1	62.9	64.0	66.2	66.2	65.8
Difference	-0.2	-0.2	0.0	0.1	0.0	0.1	0.3	0.6	-0.3	-0.6	-1.6	-0.4
Percent Difference	-0.3%	-0.4%	0.1%	0.2%	0.0%	0.2%	0.5%	0.9%	-0.4%	-0.9%	-2.4%	-0.69

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



Figure SQ-09-7b Sacramento River at Delevan, Monthly Temperature Probability of Exceedance

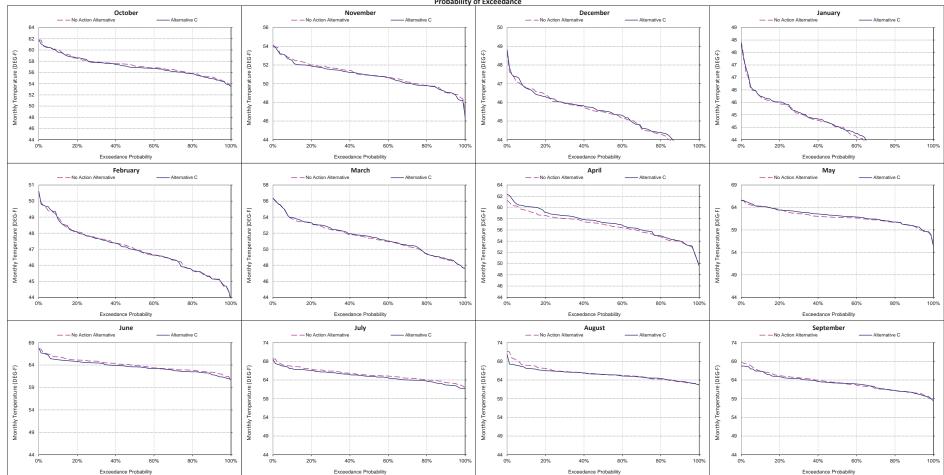


Table SQ-09-7b Sacramento River at Delevan, Monthly Temperature Probability of Exceedance

Decembe

January

Novembe

Octobe

Percent Percent Percent Percent No Action Alternative Alternative C Absolute Relative Relative Relative Relative Exceedance Exceedance Difference Difference Difference Difference Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG.E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% 0.0% 61.8 61.8 0.0 0.0% 0.0% 53.9 0.3% 0.0% 48.7 48.8 0.3% 47.9 1.2% 61.8 61.1 -0.7 -1.1% 1.2% 53.9 53.9 0.0 0.0% 1.2% 47.6 47.8 0.2 0.5% 1.2% 47.4 47.2 -0.2 -0.3% 2.5% 60.7 60.8 0.1% 2.5% 53.9 53.5 -0.7% 2.5% 47.5 47.5 -0.1 -0.1% 2.5% 46.7 46.9 0.5% 3.7% 3.7% 60.7 60.5 -0.2 -0.3% 3.7% 53.2 53.2 0.0 0.0% 3.7% 47.3 47.4 0.1 0.1% 46.5 46.6 0.1 0.1% 4.9% 60.5 60.4 0.0% 4.9% 53.1 53.2 0.0 0.0% 4.9% 47.1 47.4 0.3 0.6% 4.9% 46.0 46.1 0.1 0.3% 6.2% 6.2% 6.2% 6.2% 60.3 60.4 0.1 0.1% 53.0 53.1 0.0 0.1% 47.1 47.3 0.2 0.5% 46.0 46.0 0.0 0.1% 7.4% 60.1 0.0% 7.4% 52.7 -0.2-0.3% 7.4% 46.9 0.2% 7.4% 46.0 46.0 0.0 0.0% -0.1 8.6% 8.6% 8.6% 8.6 · . 9.9% 11.1% 12.3% 8.6% 60.2 60.0 -0.1 -0.2% 52.8 52.6 -0.2 -0.3% 46.9 46.8 -0.1% 45.8 45.8 0.0% 9.9% -0.8% -0.3% 0.0% 11.1% 12.3% 59.9 59.6 -0.3 -0.5% 11.1% 52.5 52.1 -0.4 -0.7% 11.1% 46.7 46.7 -0.1 -0.1% 45.6 45.7 0.1 0.2% 13.6% 13.6% 13.6% 0.1% 59.3 591 -0 2 -0.3% 52.4 52.0 -0 4 -0.8% 46.7 46.6 -0.2 -0.3% 45.6 45.6 0.1 -0.4% 16.0% 16.0% 16.0% 16.0% 59.1 58.8 -0.3 -0.6% 52.3 52.0 -0.3 -0.6% 46.5 46.4 -0.1 -0.3% 45.6 45.6 0.0 0.0% 18.5% 0.2% 18.5% 51.9 -0.4% 18.5% 18.5% 0.0% 58.6 58.7 0.1 52.1 -0.2 46.5 46.3 -0.2 -0.4% 45.5 45.5 0.0 19.8% 21.0% 58.6 58.3 0.1 0.1% 19.8% 51.9 51.8 -0.1 -0.2 19.8% -0.1 -0.1 19.8% 21.0% 0.1 58.6 52.0 -0.3% 46.4 46.2 -0.2% 45.4 45.5 0.2% 22.2% 23.5% 0.4% 22.2% 23.5% -0.2% 22.2% 23.5% -0.1% 0.3% 22.2% 23.5% 45.5 0.2 0.0 51.8 58.2 -0.1 0.1 58.4 0.3% 51.9 -0.2% 46.1 45.4 45.4 0.0% 46.2 24.7% 25.9% 0.4% 24.7% 25.9% 24.7% 25.9% 0.3% 24.7% 25.9% 45.4 45.2 58.1 58.3 58.0 0.2 -0.1 51.7 46.0 46.2 45.3 0.1 -0.1 58.0 51.8 51.7 -0.1 -0.3% 46.1 0.0 45.3 -0.1% 46.0 27.2% 28.4% 27.2% 28.4% 27.2% 28.4% 58.0 57.8 -0.2% 27.2% 51.6 -0.5% 46 N 46.0 0.0% 45.2 45.2 -0.1% 57.9 57.8 -0.1 -0.1% 28.4% 51.7 51.6 -0.2 -0.4% 0.0 0.0% 0.1 0.2% 46.0 46.0 45.1 45.2 29.6% 30.9% -0.2% -0.2% 29.6% 30.9% -0.4% -0.4% 29.6% 30.9% 29.6% 30.9% 57.9 57.8 51.5 51.5 -0.2 -0.2 0.0% 45.1 45.1 0.0 0.1% 45.9 45.0 32.1% 57.8 0.0 0.0% 32.1% 51.6 51.5 -0.2 -0.3% 32.1% 45.9 45.9 0.0 0.1% 32.1% 45.0 45.0 0.0 0.0% 33.3% 57.7 0.0 0.0% 33.3% 51.4 -0.2 -0.3% 33.3% 45.9 0.1 0.1% 33.3% 45.0 0.1 0.1% 34.6% 57.7 -0.1 -0.2% 34.6% 51.5 51.4 -0.1 -0.2% 34.6% 45.9 45.9 0.0 0.1% 34.6% 44.9 44.9 0.0 0.0% 35.8% 57.7 -0.2% 35.8% 51.4 -0.3% 35.8% 35.8% 44.9 0.0 0.1% 0.1% 37.0% 0.0 -0.1% 37.0% 51.5 51.3 -0.2-0.3% 37.0% 45.8 45.8 0.0 0.1% 37.0% 44.8 44.9 0.0 0.1% 38.3% 57.6 57.6 0.0% 38.3% 51.3 38.3% 38.3% 44.9 0.0 0.1% 45.8 0.1% 44.8 39.5% 57.6 57.4 -0.1 -0.2% 39.5% 51.4 51.2 -0.2 -0.4% 39.5% 45.8 45.8 0.2% 39.5% 44.8 44.8 0.0 0.1% 40.7% 57.6 57.4 -0.1 -0.2% 40.7% 51.4 51.2 -0.2 -0.4% 40.7% 45.7 45.8 0.1 0.2% 40.7% 44.8 0.1 0.1% 42.0% 57.6 57.3 -0.2-0.4% 42.0% 51.2 51.2 0.0% 42.0% 45.7 45.7 0.2% 42.0% 44.7 44.8 0.1 0.2% 43.2% 57.5 57.2 -0.3 -0.6% 43.2% 51.1 51.2 0.1 0.2% 43.2% 45.6 45.7 0.2 0.4% 43.2% 44.7 44.7 0.0 0.0% 44.4% -0.6% 44.4% 51.0 51.1 0.1% 44.4% 45.6 45.7 0.4% 44.4% 44.7 44.7 0.0 0.0% 45.7% 45.7% 45.7% 57.5 57.1 -0.4 -0.6% 51.0 51.1 0.1 0.1% 45.5 45.7 0.1 0.3% 45.7% 44.7 44.7 0.0 0.0% -0.8% 0.0 46.9% 57.4 57.0 46.9% 51.0 51.0 0.1% 46.9% 45.5 45.6 0.1% 46.9% 44.6 44.6 0.0% 48.1% 49.4% 57.4 56.9 -0.5 -0.8% 48.1% 51.0 50.9 0.0 -0.1% 48.1% 45.5 45.6 0.1 0.1% 48.1% 44.6 44.6 0.0 0.1% -0.5% 49.4% 50.9 0.0% 49.4% 45.5 45.6 49.4% 44.5 44.5 0.0 0.0% 50.6% 50.6% 50.6% 50.6% 57.1 56.9 -0.2 -0.4% 50.9 50.9 0.0 0.0% 45.5 45.5 0.1 0.1% 44.5 44.5 0.0 0.0% 51.9% -0.2-0.3% 51.9% 50.9 50.9 0.0% 45.4 0.2% 51.9% 53.1% 44.5 0.0 -0.1 0.1 53.1% 53.1% 53.1% 57.0 56.8 -0.2 -0.1% -0.4% 50.9 50.8 0.0 45.4 45.5 0.2% 44 5 444 -0.1% 55.6% 56.8% 55.6% 55.6% 55.6% 57.0 56.8 -0.2 -0.3% 50.8 50.8 0.0 0.0% 45.4 45.4 0.0 0.0% 44.3 44.4 0.1 0.1% 58.0% 58.0% 0.0% 58.0% 56.8 56.7 -0.1 -0.2% 50.7 50.7 0.0 45.3 45.3 0.1 0.1% 58.0% 44.2 44.3 0.1 0.3% 60.5% 60.5% 60.5% 56.8 56.7 -0.1 -0.2% 50.7 50.6 0.0 0.0% 45.2 45.3 0.1 0.2% 60.5% 44.1 44.2 0.2 0.4% 61.7% -0.3% 61.7% 44.2 63.0% 63.0% 56.8 63.0% 0.1 63.0% 0.1 56.6 -0.2 -0.3% 50.6 50.5 -0.1 -0.2% 45.1 45.2 0.2% 44.0 44.2 0.3% 64.2% 65.4% 56.6 56.4 -0.2% -0.4% 64.2% 65.4% 50.3 50.3 -0.4% -0.4% 64.2% 65.4% 0.0% 64.2% 65.4% 44.0 43.9 0.1 56.6 -0.2 -0.2 45.0 44.9 -0.1 43.9 -0.1% 50.5 66.7% 67.9% 56.5 56.5 -0.3% -0.4% 66.7% 67.9% 66.7% 67.9% 66.7% 67.9% 50.4 50.2 50.1 -n 2 -0.4% 44 9 -0.1 0.0 -0.2% 43.9 43.8 -0.1 -0.1 -0.1% -0.2 -0.2 44.8 44.8 56.3 50.4 -0.5% -0.1% 43.9 43.8 -0.2% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 56.2 56.1 -0.5% 44.7 43.8 137 0.2% 43.7 0.1 56.5 -0.4 -0.6% 50.2 50.0 -0.1 -0.3% 44.5 44.6 0.1 43.7 0.2% 71.6% 56.3 56.1 -0.2 -0.4% -0.4% 71.6% 50.0 -0.2% 71.6% 44 5 446 0.2% 71.6% 43.6 437 0.0 72.8% 56.3 56.1 -0.2 72.8% 50.0 50.0 -0.1 -0.2% 72.8% 44.5 44.6 0.1 0.2% 72.8% 43.5 43.6 0.1 0.2% 74.1% 75.3% -0.3% -0.3% -0.3% -0.3% 74.1% 75.3% 74.1% 49.9 74.1% 44.5 0.1% 43.6 0.1 75.3% -0.2 75.3% 0.0 43.5 43.6 0.3% 76.5% 56.0 -0.2 -0.3% 76.5% 49.9 49.8 -0.1% 76.5% 44.4 44.4 0.1% 76.5% 43.4 43.6 0.2 0.5% 77.8% -0.1% 77.8% -0.1% 77.8% 0.1% 77.8% 0.2 0.5% 49.8 43.6 79.0% 55.8 55.8 0.0 0.0% 79.0% 49.8 49.8 0.0 0.0% 79.0% 44.3 44.4 0.2% 79.0% 43.3 43.6 0.3 0.6% 80.2% 55.7 0.1% 80.2% 49.8 80.2% 44.3 44.4 80.2% 43.5 0.0% 0.1 43.3 0.6% 81.5% 55.7 55.6 -0.2% 81.5% 49.7 49.7 0.0% 81.5% 44.2 44.3 0.3% 81.5% 43.2 43.5 0.2 0.5% 82.7% 82.7% 55.7 -0.3 -0.5% 82.7% 49.7 49.7 -0.1% 44.2 44.3 0.1 0.3% 82.7% 43.2 43.4 0.2 0.5% 84.0% 55.3 55.4 0.1 0.2% 84.0% 49.7 49.7 0.0 -0.1% 84.0% 44.0 44.2 0.5% 84.0% 43.1 43.3 0.2 0.5% 85.2% 55.3 55.3 -0.1 -0.1% 85.2% 49.7 49.6 -0.1 -0.2% 85.2% 44.0 44.1 0.2 0.4% 85.2% 43.1 43.3 0.2 0.4% 86.4% 55.3 -0.2% 86.4% 49.6 49.4 -0.4% 86.4% 43.8 44.0 0.3% 86.4% 43.1 43.2 0.1 0.3% 87.7% 55.2 55.1 -0.1 -0.2% 87.7% 49 3 493 0.0 0.0% 87.7% 43.8 43.9 0.1 0.2% 87.7% 43.1 43.2 0.1 0.2% 88.9% 55.2 -0.3 -0.6% 88.9% 49.1 49.2 0.1 0.3% 88.9% 43.7 43.9 0.2 0.4% 88.9% 43.0 43.0 0.0 0.1% 90.1% 55.2 54.9 -0.3 -0.6% 90.1% 49.1 49.1 0.0 0.1% 90.1% 43.6 43.8 0.3 0.6% 90.1% 42.8 42.9 0.1 0.2% 91.4% 54.8 54.6 -0.5% 91.4% 49.0 49.1 91.4% 43.5 43.8 91.4% 42.8 42.8 0.1 0.2% 91.4% 92.6% 92.6% 54.8 -0.1 -0.2% 49.0 49.0 0.1 43.5 43.7 0.3 0.6% 92.6% 42.7 427 0.0% 93.8% 48.9 0.4% 93.8% 42.6 -0.1 54.6 54.6 0.0 0.0% 93.8% 48.9 0.0 0.0% 93.8% 43.4 43.6 0.2 42.7 -0.2%95.1% 95.1% 95.1% 95.1% 54.6 54.4 -0.2 -0.4% 48.8 48.8 -0.1 -0.1% 43.4 43.6 0.2 0.4% 42.7 42.6 -0.1 -0.2% 96.3% 54.4 0.1% 96.3% 48.8 48.3 -1.0% 96.3% 97.5% 43.4 43.6 0.2 0.4% 96.3% 97.5% 42.4 42.5 0.1 -0.1 0.2% 97.5% 54.3 97.5% -0.3 -0.2% 53.9 -0.4 48 5 48.2 -0.6% 43.2 436 0.8% 42.2 421 -0.2% 98.8% 0.0% 100.0% 100.0% 100.0% 100.0% 53.9 53.5 0.0 -0.7% 47.1 46.4 -0.7 -1.5% 41.6 41.7 0.1 0.3% 41.5 41.8 0.3 0.7%

Table SQ-09-7b Sacramento River at Delevan, Monthly Temperature Probability of Exceedance

April

March

February

Percent Percent Percent Percent No Action Alternative Alternative C Absolute Relative Relative Exceedance Relative Relative Exceedance Difference Difference Difference Difference Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG-F) (DEG.E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) 0.0% 50.6 0.1 0.2% 0.0% 56.4 56.3 0.0% 61.3 62.3 1.7% 65.6 65.6 0.1% 1.2% 49.9 49.8 -0.1 -0.2% 1.2% 56.0 56.1 0.1 0.2% 1.2% 60.9 62.1 1.2 2.0% 1.2% 65.5 65.6 0.1 0.1% 2.5% 49.7 49.7 0.0% 2.5% 55.6 55.7 0.2% 2.5% 60.4 61.6 2.5% 64.9 65.3 0.6% 3.7% 3.7% 49.6 49.7 0.1 0.1% 3.7% 55.6 55.5 0.0 -0.1% 3.7% 60.3 61.0 0.7 1.2% 64.7 65.1 0.4 0.6% 4.9% 49.4 49.7 0.2 0.5% 4.9% 55.2 55.2 0.0 -0.1% 4.9% 60.3 60.6 0.6% 4.9% 64.6 64.9 0.3 0.5% 6.2% 6.2% 6.2% 6.2% 49.3 49.5 0.1 0.3% 54.9 54.9 0.1 0.1% 60.0 60.4 0.4 0.7% 64.4 64.7 0.3 0.5% 7.4% 49.3 49.4 0.1% 7.4% 54.3 54.0 -0.2% 7.4% 59.7 0.8 1.3% 7.4% 64.4 64.3 0.0 0.0% 8.6% 8.6% 8.6% 8.6 · . 9.9% 11.1% 12.3% 8.6% 49.2 493 0.2 54.0 0.0 0.0% 59.6 60.3 1.2% 64.2 64.3 0.2% 9.9% -0.2% 11.1% 12.3% 48.8 48.7 -0.1 -0.3% -0.1% 11.1% 53.7 53.9 0.2 0.3% 11.1% 59.4 60.1 0.7 1.2% 64.2 64.3 0.1 0.1% 13.6% 13.6% 13.6% 0.5% -0.1% 48 4 48.5 0.1 0.2% 53.4 53.7 0.3 59.1 60.1 0.9 1.6% 64 1 64 1 0.0 16.0% 16.0% 16.0% 16.0% 48.3 48.2 -0.1 -0.2% 53.4 53.4 0.0 0.1% 58.7 59.9 1.2 2.1% 63.9 63.8 -0.1 -0.1% 18.5% 18.5% 0.1% 18.5% 1.0 1.6% 18.5% -0.3% 48.2 48.1 -0.1 -0.1% 53.3 53.4 0.1 58.6 59.6 63.7 63.5 -0.2 19.8% 21.0% 48.1 48.1 0.0 53.3 19.8% 21.0% 0.5 19.8% 21.0% 21.0% 48.0 -0.2% 53.1 53.1 0.0 0.1% 58.5 59.1 1.0% 63.4 63.4 0.0 0.0% 22.2% 23.5% -0.2% 22.2% 23.5% 53.1 53.0 22.2% 23.5% 58.9 22.2% 23.5% 63.4 63.4 47.9 47.9 0.0 0.4 0.0% 52.9 0.1 0.2% 58.3 58.8 0.5 0.8% 62.9 63.3 0.6% 24.7% 25.9% 47.8 47.8 0.0% 24.7% 25.9% 0.2% 24.7% 25.9% 1.0% 24.7% 25.9% 47.8 0.0 53.0 58.2 58.8 62.9 63.3 0.3 47.8 52.8 53.0 0.2 58.7 0.6 62.8 0.8% 58.1 63.3 27.2% 28.4% 27.2% 28.4% 27.2% 28.4% 47.8 47.8 -0.1% 27.2% 52.6 52.9 0.5% 58.1 58.7 62.7 63.2 0.5 47.8 47.7 -0.1 -0.1% 28.4% 52.6 52.8 0.2 0.4% 58.1 58.6 0.5 0.8% 62.7 0.4 0.6% 63.1 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 47.7 47.7 47.7 -0.1% -0.1% 0.5 0.8% 0.4 0.1% 58.1 62.6 63.0 0.6% 32.1% 47.6 0.0 0.0% 32.1% 52.4 52.4 0.1% 32.1% 58.0 58.5 0.5 0.8% 32.1% 62.6 62.9 0.3 0.5% 33.3% 47.6 -0.1 -0.1% 33.3% 52.4 0.1% 33.3% 58.0 0.5 0.8% 33.3% 62.5 62.9 0.4 0.6% 34.6% 47.6 -0.1 -0.1% 34.6% 52.3 52.3 0.1% 34.6% 57.9 58.4 0.4 0.8% 34.6% 62.5 62.9 0.4 0.7% 35.8% -0.2% 35.8% 52.3 35.8% 0.4 0.6% 35.8% 0.5 47.6 52.3 0.0% 57.9 58.2 62.3 0.8% 37.0% 47.5 47.4 -0.1 -0.2% 37.0% 52.1 52.2 0.3% 37.0% 57.9 58.1 0.3 0.5% 37.0% 62.1 62.7 0.6 0.9% 38.3% 47.4 47.4 0.0% 38.3% 52.1 38.3% 57.7 0.5% 38.3% 58.0 62.6 39.5% 47.4 47.4 0.0 0.0% 39.5% 51.8 51.9 0.2% 39.5% 57.5 57.9 0.4 0.6% 39.5% 62.0 62.6 0.5 0.8% 40.7% 47.3 47.4 0.0 0.1% 40.7% 51.8 51.9 0.2% 40.7% 57.4 57.8 0.4 0.7% 40.7% 62.0 62.6 0.5 0.9% 42.0% 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1.0% 61.7 62.0 0.3 58.0% 58.0% 58.0% 46.6 46.7 0.1 0.2% 51.0 51.2 0.1 0.3% 56.5 57.0 0.5 0.8% 58.0% 61.7 61.9 0.2 0.4% 60.5% 60.5% 60.5% 46.6 46.6 0.0 0.0% 50.9 51.0 0.1 0.2% 56.4 56.7 0.3 0.6% 60.5% 61.6 61.9 0.2 0.4% 61.7% 61.7% 56.6 61.8 63.0% 63.0% 63.0% 63.0% 0.3 46.6 46.6 0.0 0.0% 50.9 50.9 0.0 0.0% 56.3 56.4 0.2 0.3% 61.5 61.8 0.5% 64.2% 65.4% 46.6 46.5 46.6 46.5 0.0% 64.2% 65.4% 0.2% 64.2% 65.4% 0.5% 64.2% 65.4% 61.6 61.5 0.2 0.0 0.1 0.3 61.4 0.2% 50.7 50.7 56.0 56.4 66.7% 67.9% 46.5 46.4 0.0% 66.7% 67.9% 66.7% 67.9% 0.5% 66.7% 67.9% 46.5 0.0 50.6 0.0% 56.0 56.3 0.3 61.5 0.1 0.2% 50.6 50.6 0.1 46.4 50.5 0.2% 55.9 56.3 61.3 61.5 0.3% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 50.6 55.8 46.3 0.4 0.2 46.3 0.0 0.1% 50.4 0.2 0.3% 55.6 56.0 0.7% 61.3 61.4 0.3% 50.3 71.6% 46.3 46.3 0.0 0.0% 71.6% 50.4 0.3% 71.6% 55.6 55.9 0.3 0.5% 71.6% 61.2 61.4 0.2 72.8% 46.2 46.2 0.0 72.8% 50.2 50.4 0.2 0.5% 72.8% 55.5 55.8 0.4 0.6% 72.8% 61.1 61.2 0.1 0.2% -0.7% -0.1% 74.1% 75.3% 74.1% 75.3% 74.1% 0.4% 74.1% 0.3 0.6% 0.1 75.3% 50.4 0.4% 75.3% 0.3% 76.5% 45.8 45.9 0.0 0.1% 76.5% 50.0 50.0 0.1% 76.5% 55.1 55.1 0.0 -0.1% 76.5% 60.8 61.0 0.2 0.3% 77.8% 0.0% 77.8% 77.8% 0.2 0.3% 77.8% 0.1 45.8 49.8 0.1% 60.8 60.9 0.2% 79.0% 45.8 45.8 0.0 0.0% 79.0% 49.5 49.5 0.0 0.1% 79.0% 54.8 55.0 0.2 0.3% 79.0% 60.8 60.8 0.0 0.0% 80.2% 0.0% 80.2% 49.4 80.2% 0.2 80.2% 0.0 45.7 49.4 54.7 54.9 0.0% 81.5% 45.6 45.6 0.0 0.1% 81.5% 49.2 49.3 0.1% 81.5% 54.5 54.7 0.4% 81.5% 60.7 60.7 0.0 0.0% 82.7% 82.7% 45.6 45.6 0.1% 82.7% 49.2 0.0% 54.3 54.6 0.3 0.5% 82.7% 60.7 60.6 0.0 -0.1% 84.0% 45.6 45.6 0.0 0.1% 84.0% 49.1 49.1 0.0% 84.0% 54.2 54.5 0.4 0.7% 84.0% 60.4 60.3 -0.1 -0.2% 85.2% 45.5 45.5 -0.1 -0.1% 85.2% 49.0 49.1 0.1 0.1% 85.2% 54.1 54.3 0.2 0.4% 85.2% 60.2 60.2 0.0 0.0% 86.4% 45.4 45.4 -0.1% 86.4% 48.9 49.0 0.2% 86.4% 54.1 54.3 0.4% 86.4% 60.2 60.1 -0.1 -0.2% 87.7% 45.3 45.3 0.0 0.1% 87.7% 48 9 48 9 0.0 0.1% 87.7% 54.0 54.2 0.1 0.2% 87.7% 60.1 60.0 -0.1 -0.1% 88.9% 45.3 45.3 0.0 0.1% 88.9% 48.8 48.9 0.1 0.3% 88.9% 54.0 54.1 0.1 0.2% 88.9% 60.0 60.0 -0.1 -0.2% 90.1% 45.1 45.1 0.0 0.0% 90.1% 48.7 48.8 0.0 0.1% 90.1% 53.9 54.0 0.1 0.3% 90.1% 59.8 59.8 0.0 0.0% 91.4% 91.4% 48.6 48.7 91.4% 0.4% 91.4% 59.5 59.7 0.2 0.2 91.4% 92.6% 0.2% 92.6% 45.1 45.1 0.0 0.0% 48.6 48.7 0.1 53.5 53.5 0.0% 92.6% 59.0 59.7 1.1% 93.8% 0.0 48.6 93.8% 59.0 0.2 45.1 45.1 0.1% 93.8% 48.5 0.2% 93.8% 53.3 53.3 0.0 0.0% 59.1 0.3% 95.1% 95.1% 95.1% 95.1% 44.9 44.9 0.0 0.1% 48.3 48.3 0.0 0.0% 53.1 53.3 0.1 0.2% 58.9 58.7 -0.2 -0.3% 96.3% 44.7 0.1 0.1% 96.3% 48.1 48.1 0.0% 96.3% 97.5% 52.9 0.3% 96.3% 97.5% 58.7 0.0 -0.1 0.0% 97.5% 97.5% 0.0 -0.3% 44 6 447 48 N 48.0 0.0 0.1% 51 9 51 9 0.0% 58.6 58.5 0.0% 47.7 0.0% 98.8% 100.0% 100.0% 100.0% 100.0% 43.8 43.8 0.0 0.0% 47.6 47.6 0.0% 49.5 49.5 0.0 0.0% 55.5 55.5 0.0 0.0%

Table SQ-09-7b
Sacramento River at Delevan, Monthly Temperature
Probability of Exceedance

August

September

Percent Percent Percent Percent No Action Alternative Alternative C Absolute Relative Relative Exceedance Relative Relative Exceedance Difference Difference Difference Difference Monthly Temperature Difference (%) Difference (%) Difference (%) Monthly Temperature Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG.E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% 0.0% 67.6 67.8 0.2 0.3% 0.0% 69.7 69.4 71.7 70.9 -1.2% 68.7 67.7 -1.4% -1.1% 1.2% 67.5 66.7 -0.9 -1.3% 1.2% 69.6 68.4 -1.2 -1.7% 1.2% 71.5 68.2 -3.3 -4.6% 1.2% 68.5 67.7 -0.8 2.5% 66.7 66.6 -0.1% 2.5% 68.2 -0.7% 2.5% 69.9 68.1 -2.5% 2.5% 68.3 67.7 -0.6 -0.9% 3.7% 3.7% 66.6 66.4 -0.1 -0.2% 3.7% 68.4 68.0 -0.5 -0.7% 3.7% 69.7 68.1 -1.6 -2.3% 68.2 67.5 -0.6 -0.9% 4.9% 66.4 66.2 -0.4% 4.9% 68.1 67.7 -0.3 -0.5% 4.9% 69.3 67.9 -2.0% 4.9% 67.8 67.0 -0.9 -1.3% 6.2% 6.2% 6.2% 6.2% 66.4 65.4 -1.0 -1.5% 67.9 67.6 -0.2 -0.3% 68.9 67.8 -1.1 -1.6% 67.4 66.9 -0.5 -0.7% 7.4% -0.9% 7.4% 67.5 -0.3-0.4% 7.4% 68.2 -0.6 -0.4 -0.8% 7.4% 67.0 66.4 -0.6 -0.2 -0.9% 8.6% 8.6% 8.6% 8.6 · . 9.9% 11.1% 12.3% 8.6% 65.8 65.2 -0.6 -0.9% 67.8 67.0 -0.8 -1 1% 68.0 67.5 -0.6% 66.6 66.4 -0.3% -1.0% -0.9% -1.2% 11.1% 12.3% 65.8 65.1 -0.6 -0.9% 11.1% 67.6 66.8 -0.8 -1.1% 11.1% 67.9 67.1 -0.8 -1.2% 66.3 66.3 0.0 0.0% 13.6% 13.6% 13.6% -1 1% 65.5 65.0 -0.5 -0.7% 67.5 66.8 -0.8 67.8 66.9 -n q -1.3% 66.0 65.5 -0.6 -0.9% 16.0% 16.0% 16.0% 16.0% 65.3 64.9 -0.3 -0.5% 67.1 66.7 -0.4 -0.6% 67.3 66.7 -0.6 -0.8% 65.7 65.0 -0.6 -1.0% 18.5% 18.5% -0.6% 18.5% 18.5% 65.2 64.8 -0.3 -0.5% 67.0 66.6 -0.4 67.1 66.6 -0.6 -0.8% 65.3 65.0 -0.3 -0.4% 19.8% 21.0% 65.1 65.1 64.7 64.7 -0.4 -0.4 -0.6% -0.4 -0.3 19.8% 66.5 66.4 -0.6 -0.6 19.8% 21.0% 65.2 65.1 -0.3 -0.3 21.0% -0.6% 66.8 66.5 -0.4% 67.0 -0.8% 64.8 -0.5% 22.2% 23.5% -0.7% -0.8% 22.2% 23.5% -0.6% 22.2% 23.5% 66.4 -0.5 -0.2 -0.7% -0.2% 22.2% 23.5% -0.5 -0.4 -0.7% -0.7% 64.6 -0.4 -0.5 65.1 66.7 66.3 -0.6% 66.6 65.0 64.5 66.4 24.7% 25.9% -0.8% 24.7% 25.9% -0.7% -0.7% 24.7% 25.9% -0.1% -0.1% 24.7% 25.9% 66.2 66.2 -0.5 -0.5 66.4 66.3 -0.1 0.0 64.0 -0.4 -0.4 64.9 64.5 -0.4 64.8 -0.5% 66.6 66.4 64.4 27.2% 28.4% 27.2% 28.4% 27.2% 28.4% -0.6% 27.2% 66.4 66.2 -0.4% 66.4 66.3 -0.1 64 7 -0.3 64.9 -0.4 -0.6% 28.4% 66.1 -0.3 -0.5% 0.0 -0.1% 64.7 64.4 -0.3 -0.5% 66.4 66.3 66.3 29.6% 30.9% -0.6% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% -0.5% -0.7% -0.2% -0.1% 65.9 64.3 -0.4% 66.2 32.1% -0.2 -0.3% 32.1% 66.4 65.9 -0.4 -0.7% 32.1% 66.2 66.1 -0.1 -0.1% 32.1% 64.5 64.1 -0.4 -0.5% 33.3% -0.3% 33.3% 65.8 -0.7% 33.3% -0.1 -0.1% 33.3% -0.3 -0.5% 66.2 34.6% 64.5 -0.4 -0.6% 34.6% 66.1 65.7 -0.5 -0.7% 34.6% 66.1 66.1 -0.1 -0.1% 34.6% 64.3 64.0 -0.4 -0.6% 35.8% -0.7% 35.8% -0.5% 35.8% 0.0% 35.8% 66.1 -0.5% 37.0% 64.4 -0.4-0.7%37.0% 65.9 65.6 -0.3-0.4% 37.0% 66.0 66.1 0.0 0.0% 37.0% 64.2 63.9 -0.3-0.5% 38.3% 64.4 -0.7% 38.3% 38.3% 0.0% 38.3% -0.2 -0.3% 39.5% 64.4 63.9 -0.4 -0.7% 39.5% 65.8 65.6 -0.3 -0.4% 39.5% 65.9 65.8 -0.1 -0.1% 39.5% 64.0 63.7 -0.3 -0.5% 40.7% 40.7% 64.2 63.9 -0.3 -0.5% 40.7% 65.8 65.3 -0.4 -0.7% 65.9 65.8 0.0 0.0% 40.7% 63.9 63.6 -0.3 -0.5% 42.0% 64.2 63.8 -0.3-0.5% 42.0% 65.7 65.3 -0.3-0.5% 42.0% 65.8 65.7 -0.1 -0.1% 42.0% 63.8 63.5 -0.3-0.5% 43.2% 64.2 63.8 -0.3 -0.5% 43.2% 65.6 65.3 -0.3 -0.4% 43.2% 65.8 65.6 -0.1 -0.2% 43.2% 63.7 63.4 -0.3 -0.4% 44.4% -0.3 -0.5% 44.4% 65.5 65.3 -0.2 -0.3% 44.4% 65.8 65.6 -0.1 -0.2% 44.4% 63.6 63.4 -0.2 -0.3% 45.7% 45.7% 45.7% 64.1 63.7 -0.4 -0.6% 65.4 65.2 -0.2 -0.3% 65.7 65.6 -0.1 -0.1% 45.7% 63.5 63.3 -0.2 -0.3% -0.8% 46.9% 63.6 46.9% 65.4 65.1 -0.3-0.5% 46.9% 65.5 65.6 0.0% 46.9% 63.5 63.2 -0.2-0.4% 48.1% 49.4% 64.0 63.6 -0.4 -0.6% 48.1% 65.4 65.0 -0.3 -0.5% 48.1% 65.5 65.5 0.0 0.0% 48.1% 63.4 63.2 -0.2 -0.2% 63.9 -0.3-0.5% 49.4% 65.3 65.0 -0.3-0.4% 49.4% 65.5 0.1% 49.4% 63.4 63.2 -0.2-0.3%50.6% 50.6% 50.6% 63.9 63.6 -0.3 -0.4% 65.2 65.0 -0.2 -0.4% 65.5 65.4 0.0 0.0% 50.6% 63.3 63.2 -0.1 -0.1% 51.9% -0.3-0.4% 51.9% -0.3 -0.3 -0.4% 0.0% 51.9% 53.1% 63.2 63.1 -0.1 -0.1 53.1% 53.1% 53.1% 63.8 63.6 -0 2 -0.4% 65.2 64 9 -0.5% 65.4 65.4 0.0 63.2 63.1 -0.1% 55.6% 56.8% 55.6% 55.6% 55.6% 63.7 63.4 -0.3 -0.4% 65.2 64.8 -0.4 -0.6% 65.3 65.4 0.0 0.0% 62.9 63.0 0.2 0.3% 58.0% 58.0% 58.0% 63.5 63.3 -0.2 -0.3% 65.1 64.7 -0.4 -0.5% 65.3 65.2 -0.1 -0.1% 58.0% 62.8 63.0 0.2 0.4% 60.5% 60.5% 60.5% 63.4 63.2 -0.1 -0.2% 65.0 64.5 -0.5 -0.8% 65.2 65.1 -0.1 -0.2% 60.5% 62.5 62.9 0.4 0.7% -0.2% 61.7% 62.9 63.0% 63.0% 63.0% -0.1 -0.1 63.0% 63.3 63.2 -0.2% 64.9 64.3 -0.5 -0.8% 65.1 65.0 -0.2% 62.4 62.8 0.4 0.7% 64.2% 65.4% 63.2 63.2 63.1 63.1 -0.2% -0.2% 64.2% 65.4% 64.3 64.2 -0.6 -0.6 -0.9% -0.9% 64.2% 65.4% 64.2% 65.4% 62.3 62.3 0.4 -0.1 -0.1 -0.1 64.8 0.4% 65.1 65.0 -0.2% 62.6 66.7% 67.9% 63.1 63.1 -0.3% -0.3% 66.7% 67.9% 66.7% 67.9% 65.0 64.8 66.7% 67.9% 64.2 64.0 -0.5 -0.5 -0.8% -0.1% 62.2 62.4 0.2 0.3% -0.2 -0.2 62.2 62.9 64.6 -0.8% 65.0 -0.2% 62.4 0.3% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% -0.3% 64.0 -0.2 -0.1 63.1 64.0 0.1 -0.3 -0.5% 64.5 -0.5 -0.7% 64.8 64.7 -0.2% 61.8 61.8 0.1% 71.6% 63.0 62.7 -0.3 -0.4% -0.4% 71.6% 64.0 -0.8% 71.6% -0.1 0.2 -0.1% 0.2% 71.6% 61.8 0.2 72.8% 62.9 62.7 -0.3 72.8% 64.4 64.0 -0.5 -0.7% 72.8% 64.4 64.6 72.8% 61.5 61.7 0.1 0.2% -0.5% -0.6% -0.7% -0.5% 74.1% 75.3% 74.1% 75.3% 74.1% 74.1% 0.2 0.3% 0.1 -0.1 0.2% 75.3% 75.3% 76.5% 62.9 -0.4 -0.6% 76.5% 63.9 -0.5% 76.5% 64.3 64.5 0.2 0.4% 76.5% 61.4 61.4 0.0 77.8% -0.6% 77.8% 77.8% 0.2 77.8% 0.1 0.2% 62.9 63.9 -0.5% 0.4% 61.2 61.3 79.0% 62.8 -0.3 -0.5% 79.0% 63.8 -0.3 -0.5% 79.0% 64.2 64.5 0.2 0.3% 79.0% 61.2 61.3 0.1 0.1% 80.2% 62.8 -0.5% 80.2% 63.7 80.2% 80.2% -0.1% -0.6% 64.4 0.1 61.1 81.5% 62.8 62.5 -0.3-0.5% 81.5% 63.9 63.5 -0.4-0.6% 81.5% 64.2 64.3 0.2% 81.5% 61.0 61.1 0.0 0.0% 82.7% 82.7% 62.7 -0.4% 82.7% 63.5 -0.4 -0.7% 64.1 64.1 0.0 -0.1% 82.7% 61.0 61.0 0.0 0.0% 84.0% 62.6 -0.3 -0.4% 84.0% 63.9 63.4 -0.5 -0.8% 84.0% 63.9 64.1 0.1 0.2% 84.0% 60.9 60.9 0.0 0.0% 85.2% 62.6 62.3 -0.3 -0.5% 85.2% 63.9 63.1 -0.7 -1.1% 85.2% 63.9 64.0 0.1 0.2% 85.2% 60.9 60.9 0.0 0.0% 86.4% 62.5 62.3 -0.4% 86.4% 63.1 -0.9% 86.4% 63.8 63.9 0.0% 86.4% 60.9 60.8 -0.1-0.2% 87.7% 62.5 62.2 -0.3 -0.4% 87.7% 63.7 63.1 -0.6 -1.0% 87.7% 63.6 63.8 0.1 0.2% 87.7% 60.8 60.7 0.0 -0.1% 88.9% 62.4 62.2 -0.3 -0.4% 88.9% 63.4 62.8 -0.6 -0.9% 88.9% 63.6 63.6 0.0 0.0% 88.9% 60.6 60.7 0.1 0.1% 90.1% 62.4 61.8 -0.6 -0.9% 90.1% 63.3 62.6 -0.7 -1.1% 90.1% 63.5 63.6 0.0 0.1% 90.1% 60.6 60.4 -0.1 -0.2% 91.4% -0.9% 91.4% 62.6 -0.6 -0.7 91.4% 63.4 91.4% 60.3 -0.2 -0.2 91.4% 92.6% 92.6% 62.1 61.6 -0.5 -0.8% 63.2 62.5 -1 1% 63.4 63.5 0.2 0.3% 92.6% 60.4 60.2 -0.4% 93.8% -1.0% 62.5 -0.6 -1.0% 93.8% -0.3 62.0 -0.693.8% 63.1 93.8% 63.2 63.3 0.2% 60.3 60.0 -0.6% 95.1% 95.1% 95.1% 95.1% 62.0 61.3 -0.6 -1.0% 63.1 62.5 -0.6 -0.9% 63.2 63.3 0.1 0.1% 59.9 59.8 -0.2 -0.3% 96.3% -0.5% 96.3% -0.5 -0.9 -0.9% 96.3% 97.5% 63.1 63.1 -0.1 -0.1% 96.3% 97.5% -0.1 0.4 -0.1% 97.5% -0.7% -0.7% 97.5% 61.8 61.5 61.1 -0.4 62.7 -1 4% 63.1 63.0 -0.1% 59.2 595 0.6% -0.2% 100.0% 100.0% 100.0% 60.5 60.7 0.2 0.3% 100.0% 62.0 61.7 -0.3 -0.5% 62.8 62.7 -0.1 -0.2% 59.0 58.5 -0.5 -0.9%

Table SQ-10-7a Sacramento River below Delevan, Monthly Temperature Long-term Average and Average by Water Year Type

				3	Mont		erature (DI	FG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Mav	Jun	Jul	Aua	Sep
					ng-term			,				
Full Simulation Period ¹												
No Action Alternative	57.3	51.0	45.3	44.4	47.0	51.4	56.7	61.9	64.0	65.5	65.8	63.4
Alternative C	57.2	50.9	45.4	44.5	47.0	51.5	57.2	62.1	63.7	65.0	65.5	63.2
Difference	-0.1	-0.1	0.1	0.1	0.0	0.1	0.4	0.2	-0.3	-0.5	-0.2	-0.1
Percent Difference ³	-0.2%	-0.2%	0.1%	0.1%	0.0%	0.2%	0.7%	0.3%	-0.5%	-0.7%	-0.4%	-0.29
				Water Y	ear Types ²							
Wet (32%)												
No Action Alternative	56.6	51.3	45.4	44.7	46.6	50.2	54.8	61.0	63.8	65.9	65.4	61.0
Alternative C	56.5	51.2	45.5	44.7	46.6	50.2	54.9	60.9	63.2	65.6	65.6	61.0
Difference	-0.1	-0.1	0.2	0.0	0.0	0.1	0.2	0.0	-0.6	-0.2	0.2	0.0
Percent Difference	-0.2%	-0.1%	0.4%	0.0%	0.0%	0.1%	0.3%	-0.1%	-0.9%	-0.4%	0.3%	0.0%
Above Normal (15%)												
No Action Alternative	56.8	50.6	45.7	44.8	46.9	51.3	56.8	62.7	64.0	64.7	65.5	62.9
Alternative C	56.7	50.6	45.8	44.8	46.9	51.4	57.1	62.6	63.6	64.1	65.7	63.1
Difference	-0.1	0.0	0.1	0.1	0.0	0.1	0.4	-0.1	-0.4	-0.6	0.1	0.3
Percent Difference	-0.1%	0.0%	0.3%	0.1%	0.0%	0.2%	0.7%	-0.1%	-0.6%	-1.0%	0.2%	0.5%
Below Normal (17%)												
No Action Alternative	56.6	50.7	45.5	44.2	46.5	51.5	57.6	62.3	63.7	65.1	65.3	64.1
Alternative C	56.4	50.6	45.5	44.2	46.5	51.6	58.2	62.7	63.5	64.3	65.3	63.8
Difference	-0.2	-0.1	0.0	0.0	0.0	0.2	0.6	0.4	-0.2	-0.8	0.0	-0.3
Percent Difference	-0.4%	-0.1%	-0.1%	0.0%	0.0%	0.3%	1.1%	0.6%	-0.3%	-1.2%	0.0%	-0.5%
Dry (22%)												
No Action Alternative	57.6	51.2	45.3	44.1	47.3	52.3	58.2	62.0	64.3	65.0	65.4	64.7
Alternative C	57.6	51.0	45.3	44.3	47.2	52.3	58.9	62.4	64.1	64.7	65.1	64.4
Difference	0.0	-0.2	0.0	0.2	-0.1	0.1	0.7	0.3	-0.1	-0.3	-0.4	-0.3
Percent Difference	0.0%	-0.4%	-0.1%	0.4%	-0.1%	0.2%	1.3%	0.5%	-0.2%	-0.5%	-0.6%	-0.59
Critical (15%)												
No Action Alternative	59.6	50.7	44.7	44.3	48.2	53.1	57.8	62.4	64.3	66.8	67.8	66.3
Alternative C	59.4	50.5	44.8	44.4	48.2	53.2	58.1	62.9	64.1	66.2	66.2	65.8
Difference	-0.1	-0.2	0.1	0.1	0.0	0.1	0.3	0.6	-0.3	-0.6	-1.6	-0.4
Percent Difference	-0.2%	-0.3%	0.1%	0.2%	0.0%	0.2%	0.5%	0.9%	-0.4%	-0.9%	-2.4%	-0.69

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



Figure SQ-10-7b Sacramento River below Delevan, Monthly Temperature Probability of Exceedance

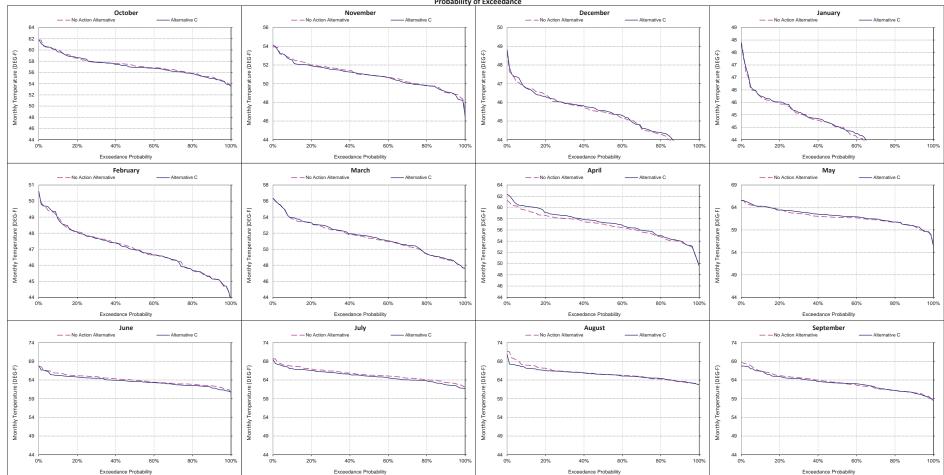


Table SQ-10-7b Sacramento River below Delevan, Monthly Temperature Probability of Exceedance

-		*							Probability	of Exceedance									
Percent		October			Percent		November			Percent		December			Percent		January		
Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative
Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)
0.0%	(DEG-F) 61.8	(DEG-F) 61.8	0.0	0.0%		(DEG-F) 53.9	(DEG-F) 54.1	0.2	0.4%	0.0%	(DEG-F) 48.7	(DEG-F) 48.8	0.2	0.3%	0.0%	(DEG-F) 47.9	(DEG-F) 47.9	-0.1	-0.1%
1.2%	61.8	61.2	-0.6	-0.9%	1.2%	53.9	54.0	0.1	0.1%	1.2%	47.6	47.8	0.2	0.5%	1.2%	47.4	47.3	-0.1	-0.3%
2.5%	60.7	60.8	0.1	0.2%	2.5%	53.9	53.6	-0.3	-0.5%	2.5%	47.5	47.5	0.0	-0.1%	2.5%	46.7	46.9	0.2	0.5%
3.7%	60.7 60.5	60.5	-0.1 0.1	-0.2% 0.1%	3.7%	53.2 53.1	53.2 53.2	0.0	0.1%	3.7% 4.9%	47.3 47.1	47.4 47.4	0.1	0.1%	3.7% 4.9%	46.5 46.0	46.6 46.1	0.1	0.1%
6.2%	60.4	60.5	0.1	0.1%	6.2%	53.0	53.1	0.0	0.1%	6.2%	47.1	47.3	0.3	0.5%	6.2%	46.0	46.0	0.0	0.1%
7.4%	60.2	60.2	0.0	0.0%	7.4%	52.9	52.8	-0.1	-0.2%	7.4%	46.9	47.1	0.1	0.2%	7.4%	46.0	46.0	0.0	0.0%
8.6% 9.9%	60.2 60.1	60.1 59.7	-0.1 -0.4	-0.1% -0.7%	8.6% 9.9%	52.8 52.7	52.6 52.5	-0.2 -0.1	-0.3% -0.3%	8.6% 9.9%	46.9 46.8	46.8 46.8	-0.1 0.0	-0.1% 0.0%	8.6% 9.9%	45.8 45.7	45.8 45.8	0.0	0.0%
11.1%	59.9	59.6	-0.2	-0.4%	11.1%	52.5	52.1	-0.4	-0.7%	11.1%	46.7	46.7	-0.1	-0.1%	11.1%	45.6	45.7	0.0	0.0%
12.3%	59.4	59.5	0.1	0.2%	12.3%	52.5	52.1	-0.4	-0.7%	12.3%	46.7	46.7	-0.1	-0.1%	12.3%	45.6	45.7	0.1	0.1%
13.6% 14.8%	59.3 59.2	59.2 59.0	-0.1 -0.2	-0.2% -0.4%	13.6% 14.8%	52.4 52.4	52.1 52.0	-0.4 -0.3	-0.7% -0.6%	13.6% 14.8%	46.7 46.6	46.6 46.4	-0.1 -0.1	-0.3% -0.3%	13.6% 14.8%	45.6 45.6	45.7 45.6	0.1 0.1	0.1% 0.1%
16.0%	59.1	58.9	-0.2	-0.5%	16.0%	52.4	52.0	-0.3	-0.5%	16.0%	46.5	46.4	-0.1	-0.3%	16.0%	45.6	45.6	0.0	0.0%
17.3%	58.6	58.8	0.2	0.4%	17.3%	52.2	52.0	-0.2	-0.4%	17.3%	46.5	46.4	-0.2	-0.3%	17.3%	45.5	45.5	0.0	0.0%
18.5%	58.6 58.6	58.8 58.6	0.2	0.4%	18.5%	52.1	52.0	-0.1	-0.2%	18.5%	46.5	46.3	-0.2	-0.4%	18.5%	45.5 45.4	45.5 45.5	0.0	0.0%
19.8% 21.0%	58.6 58.4	58.6	0.1	0.1% 0.5%	19.8% 21.0%	52.0 52.0	51.9 51.9	-0.1 -0.1	-0.1% -0.3%	19.8% 21.0%	46.4 46.4	46.3 46.2	-0.1 -0.1	-0.2% -0.2%	19.8% 21.0%	45.4 45.4	45.5 45.5	0.1 0.1	0.2% 0.2%
22.2%	58.3	58.6	0.3	0.5%	22.2%	51.9	51.8	-0.1	-0.3%	22.2%	46.2	46.2	0.0	-0.1%	22.2%	45.4	45.5	0.0	0.1%
23.5%	58.2	58.4	0.2	0.4%	23.5%	51.9	51.8	-0.1	-0.2%	23.5%	46.0	46.2	0.1	0.3%	23.5%	45.4	45.4	0.0	0.0%
24.7% 25.9%	58.1 58.0	58.4 58.0	0.3 -0.1	0.5%	24.7% 25.9%	51.9 51.8	51.8 51.7	-0.1 -0.1	-0.1% -0.2%	24.7% 25.9%	46.0 46.0	46.2 46.1	0.1	0.3%	24.7% 25.9%	45.3 45.3	45.4 45.2	0.1 -0.1	0.2% -0.1%
25.9%	58.0	57.9	-0.1	-0.1%	25.9%	51.8	51.7	-0.1	-0.2%	27.2%	46.0	46.0	0.0	0.0%	25.9%	45.3 45.2	45.2	0.0	0.0%
28.4%	57.9	57.9	0.0	0.0%	28.4%	51.7	51.6	-0.1	-0.2%	28.4%	46.0	46.0	0.0	0.0%	28.4%	45.1	45.2	0.1	0.2%
29.6%	57.9	57.8	0.0	-0.1%	29.6%	51.7	51.5	-0.2	-0.4%	29.6%	46.0	46.0	0.0	0.0%	29.6%	45.1	45.1	0.0	0.1%
30.9% 32.1%	57.8 57.8	57.8 57.8	-0.1 0.0	-0.1% 0.0%	30.9% 32.1%	51.7 51.6	51.5 51.5	-0.1 -0.2	-0.3% -0.3%	30.9% 32.1%	45.9 45.9	46.0 45.9	0.0	0.1%	30.9% 32.1%	45.0 45.0	45.1 45.0	0.1	0.2%
33.3%	57.7	57.8	0.0	0.0%	33.3%	51.6	51.5	-0.2	-0.3%	33.3%	45.9	45.9	0.0	0.1%	33.3%	45.0	45.0	0.0	0.1%
34.6%	57.7	57.7	0.0	0.0%	34.6%	51.5	51.5	-0.1	-0.1%	34.6%	45.9	45.9	0.0	0.1%	34.6%	44.9	44.9	0.0	0.0%
35.8% 37.0%	57.7 57.7	57.7 57.7	-0.1 0.0	-0.1% 0.0%	35.8% 37.0%	51.5 51.5	51.4 51.3	-0.1 -0.2	-0.2% -0.3%	35.8% 37.0%	45.8 45.8	45.9 45.8	0.1	0.1%	35.8% 37.0%	44.9 44.8	44.9 44.9	0.0	0.1%
38.3%	57.6	57.7	0.0	0.0%	38.3%	51.5	51.3	-0.2	-0.3%	38.3%	45.8	45.8 45.8	0.0	0.1%	38.3%	44.8	44.9	0.0	0.1%
39.5%	57.6	57.5	-0.1	-0.2%	39.5%	51.4	51.2	-0.2	-0.3%	39.5%	45.8	45.8	0.1	0.2%	39.5%	44.8	44.9	0.1	0.1%
40.7%	57.6	57.4	-0.1	-0.2%	40.7%	51.4	51.2	-0.2	-0.3%	40.7%	45.7	45.8	0.1	0.2%	40.7%	44.8	44.8	0.1	0.1%
42.0% 43.2%	57.6 57.5	57.4 57.2	-0.2 -0.3	-0.3% -0.5%	42.0% 43.2%	51.2 51.1	51.2 51.2	0.0	0.0%	42.0% 43.2%	45.7 45.6	45.8 45.7	0.1 0.2	0.2%	42.0% 43.2%	44.7 44.7	44.8 44.7	0.1 0.0	0.2%
44.4%	57.5	57.2	-0.3	-0.5%	44.4%	51.0	51.1	0.1	0.1%	44.4%	45.6	45.7	0.2	0.4%	44.4%	44.7	44.7	0.0	0.0%
45.7%	57.5	57.2	-0.3	-0.5%	45.7%	51.0	51.1	0.1	0.1%	45.7%	45.5	45.7	0.1	0.3%	45.7%	44.7	44.7	0.0	0.0%
46.9%	57.5	57.0	-0.5	-0.8%	46.9%	51.0	51.0	0.0	0.1%	46.9%	45.5	45.6	0.1	0.2%	46.9%	44.6	44.6	0.0	0.0%
48.1% 49.4%	57.4 57.2	56.9 56.9	-0.4 -0.3	-0.8% -0.5%	48.1% 49.4%	51.0 50.9	51.0 51.0	0.0	0.0%	48.1% 49.4%	45.5 45.5	45.6 45.6	0.1 0.1	0.1%	48.1% 49.4%	44.6 44.5	44.6 44.5	0.0	0.1%
50.6%	57.1	56.9	-0.2	-0.3%	50.6%	50.9	50.9	0.0	0.0%	50.6%	45.5	45.6	0.1	0.2%	50.6%	44.5	44.5	0.0	0.0%
51.9%	57.1	56.9	-0.2	-0.3%	51.9%	50.9	50.9	0.0	0.0%	51.9%	45.4	45.5	0.1	0.2%	51.9%	44.5	44.5	0.0	-0.1%
53.1% 54.3%	57.0 57.0	56.9 56.9	-0.2 -0.2	-0.3% -0.3%	53.1% 54.3%	50.9 50.8	50.8 50.8	0.0	0.0%	53.1% 54.3%	45.4 45.4	45.5 45.5	0.1	0.2%	53.1% 54.3%	44.5 44.4	44.4 44.4	-0.1 0.0	-0.1% 0.1%
55.6%	57.0	56.8	-0.2	-0.3%	55.6%	50.8	50.8	0.0	0.0%	55.6%	45.3	45.4	0.0	0.0%	55.6%	44.3	44.4	0.0	0.1%
56.8%	56.9	56.8	-0.1	-0.1%	56.8%	50.8	50.8	0.0	0.0%	56.8%	45.3	45.4	0.0	0.1%	56.8%	44.2	44.4	0.1	0.3%
58.0%	56.8	56.8	-0.1	-0.1%	58.0%	50.7	50.8	0.0	0.0%	58.0%	45.3	45.4	0.1	0.2%	58.0%	44.2 44.2	44.3	0.1	0.3%
59.3% 60.5%	56.8 56.8	56.8 56.7	-0.1 -0.1	-0.1% -0.2%	59.3% 60.5%	50.7 50.7	50.7 50.6	0.0	-0.1% 0.0%	59.3% 60.5%	45.2 45.2	45.3 45.3	0.1 0.1	0.3%	59.3% 60.5%	44.2 44.1	44.3 44.2	0.1 0.2	0.2%
61.7%	56.8	56.7	-0.1	-0.2%	61.7%	50.6	50.5	-0.1	-0.2%	61.7%	45.1	45.2	0.1	0.2%	61.7%	44.1	44.2	0.1	0.3%
63.0%	56.8	56.7	-0.1	-0.2%	63.0%	50.6	50.5	-0.1	-0.2%	63.0%	45.1	45.2	0.1	0.2%	63.0%	44.0	44.2	0.1	0.3%
64.2% 65.4%	56.7 56.6	56.6 56.4	-0.1	-0.2% -0.3%	64.2% 65.4%	50.5 50.5	50.4 50.4	-0.2 -0.2	-0.4% -0.3%	64.2% 65.4%	45.0 45.0	45.0 44.9	0.0 -0.1	0.0%	64.2% 65.4%	43.9 43.9	44.1 43.9	0.1 0.0	0.3% -0.1%
66.7%	56.5	56.4	-0.2 -0.1	-0.2%	66.7%	50.4	50.4	-0.2	-0.4%	66.7%	44.9	44.8	-0.1	-0.2%	66.7%	43.9	43.8	-0.1	-0.1%
67.9%	56.5	56.3	-0.2	-0.4%	67.9%	50.4	50.2	-0.2	-0.5%	67.9%	44.8	44.8	0.0	-0.1%	67.9%	43.9	43.8	-0.1	-0.2%
69.1%	56.5	56.2	-0.3	-0.5%	69.1%	50.2	50.1 50.0	-0.1	-0.3%	69.1%	44.7 44.5	44.8 44.6	0.1	0.1%	69.1%	43.8 43.7	43.7 43.7	0.0	0.0%
70.4% 71.6%	56.5 56.3	56.2 56.1	-0.3 -0.2	-0.6%	70.4% 71.6%	50.2 50.1	50.0	-0.1 -0.1	-0.3% -0.2%	70.4% 71.6%	44.5 44.5	44.6 44.6	0.1	0.2%	70.4% 71.6%	43.7	43.7	0.1	0.2%
72.8%	56.3	56.1	-0.2	-0.3%	72.8%	50.0	50.0	-0.1	-0.2%	72.8%	44.5	44.6	0.1	0.2%	72.8%	43.5	43.6	0.1	0.2%
74.1%	56.2	56.1	-0.1	-0.2%	74.1%	50.0	49.9	-0.1	-0.2%	74.1%	44.5	44.5	0.1	0.1%	74.1%	43.5	43.6	0.1	0.2%
75.3% 76.5%	56.2 56.0	56.1 55.9	-0.1 -0.1	-0.2% -0.2%	75.3% 76.5%	50.0 49.9	49.9 49.9	-0.1 0.0	-0.2% -0.1%	75.3% 76.5%	44.4 44.4	44.5 44.4	0.0 0.1	0.0%	75.3% 76.5%	43.5 43.4	43.6 43.6	0.1 0.2	0.3% 0.5%
77.8%	55.9	55.9	0.0	-0.2%	77.8%	49.9	49.9	0.0	0.0%	77.8%	44.4	44.4	0.1	0.1%	77.8%	43.4	43.6	0.2	0.5%
79.0%	55.8	55.9	0.0	0.1%	79.0%	49.8	49.8	0.0	0.0%	79.0%	44.3	44.4	0.1	0.2%	79.0%	43.3	43.6	0.3	0.6%
80.2%	55.8	55.8	0.1	0.1%	80.2%	49.8	49.8	0.0	0.0%	80.2%	44.3	44.4	0.1	0.2%	80.2%	43.3	43.5	0.3	0.6%
81.5% 82.7%	55.7 55.7	55.6 55.5	-0.1 -0.2	-0.2% -0.4%	81.5% 82.7%	49.8 49.7	49.7 49.7	0.0	0.0%	81.5% 82.7%	44.2 44.2	44.3 44.3	0.1	0.2%	81.5% 82.7%	43.2 43.2	43.5 43.4	0.2	0.5% 0.5%
84.0%	55.3	55.5	0.2	0.3%	84.0%	49.7	49.7	0.0	0.0%	84.0%	44.0	44.2	0.2	0.5%	84.0%	43.1	43.3	0.2	0.5%
85.2%	55.3	55.3	-0.1	-0.1%	85.2%	49.7	49.6	-0.1	-0.2%	85.2%	44.0	44.1	0.2	0.4%	85.2%	43.1	43.3	0.2	0.4%
86.4% 87.7%	55.3 55.2	55.2 55.1	-0.1 -0.1	-0.1% -0.2%	86.4% 87.7%	49.6 49.3	49.4 49.3	-0.2 0.0	-0.3% 0.0%	86.4% 87.7%	43.8 43.8	44.0 43.9	0.1 0.1	0.3%	86.4% 87.7%	43.1 43.1	43.2 43.2	0.1 0.1	0.3%
88.9%	55.2	54.9	-0.1	-0.2%	88.9%	49.3	49.3	0.0	0.0%	88.9%	43.6	43.9	0.1	0.2%	88.9%	43.1	43.2	0.0	0.2%
90.1%	55.2	54.9	-0.3	-0.5%	90.1%	49.1	49.1	0.1	0.1%	90.1%	43.6	43.9	0.3	0.7%	90.1%	42.8	42.9	0.1	0.3%
91.4%	55.1	54.9	-0.2	-0.4%	91.4%	49.0	49.1	0.1	0.2%	91.4%	43.5	43.8	0.3	0.6%	91.4%	42.8	42.8	0.1	0.1%
92.6% 93.8%	54.8 54.7	54.7 54.7	-0.1 0.0	-0.2% 0.1%	92.6% 93.8%	49.0 48.9	49.0 48.9	0.1	0.1% 0.1%	92.6% 93.8%	43.5 43.4	43.7 43.6	0.3 0.2	0.6%	92.6% 93.8%	42.7 42.7	42.7 42.6	0.0 -0.1	0.0%
95.1%	54.6	54.7	-0.2	-0.4%	95.1%	48.8	48.8	-0.1	-0.1%	95.1%	43.4	43.6	0.2	0.5%	95.1%	42.7	42.6	-0.1	-0.2%
96.3%	54.4	54.4	0.1	0.1%	96.3%	48.8	48.3	-0.5	-1.0%	96.3%	43.4	43.6	0.2	0.4%	96.3%	42.4	42.5	0.1	0.2%
97.5%	54.3 53.9	53.9 53.8	-0.4	-0.7%	97.5% 98.8%	48.5 48.4	48.2 48.2	-0.3 -0.1	-0.6%	97.5% 98.8%	43.2 43.0	43.6 42.6	0.4	0.8%	97.5% 98.8%	42.2 41.8	42.1 41.8	-0.1 0.0	-0.2%
98.8% 100.0%	53.9 53.9	53.8 53.5	-0.1 0.0	-0.2% -0.7%	98.8%	48.4 47.1	48.2 46.5	-0.1 -0.6	-0.3% -1.4%	98.8%	43.0 41.6	42.6 41.7	-0.4 0.1	-0.9% 0.3%	98.8%	41.8 41.5	41.8 41.8	0.0	0.0%
100.070	55.5	00.0	0.0	0.770	100.078	-1.1	10.0	0.0	1. 770	100.070	.1.0	*1.7	J. I	0.070	100.070	71.0	-7.0	0.0	0.770

Table SQ-10-7b Sacramento River below Delevan, Monthly Temperature Probability of Exceedance

									Probability	of Exceedance									
Percent		February			Percent		March			Percent		April			Percent		May		
Exceedance	No Action Alternative		Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative
Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)
	(DEG-F) 50.5	(DEG-F) 50.6	0.1	0.2%	(%) 0.0%	(DEG-F) 56.4	(DEG-F) 56.3	0.0	0.0%		(DEG-F) 61.3	(DEG-F) 62.3	1.0	1.7%		(DEG-F) 65.6	(DEG-F) 65.6	0.1	0.1%
1.2%	49.9	49.8	-0.1	-0.2%	1.2%	56.0	56.1	0.0	0.1%	1.2%	60.9	62.1	1.2	2.0%	1.2%	65.5	65.5	0.0	0.0%
2.5%	49.7	49.7	0.0	-0.1%	2.5%	55.6	55.7	0.1	0.2%	2.5%	60.4	61.6	1.2	2.0%	2.5%	64.9	65.3	0.4	0.7%
3.7%	49.6	49.7	0.1	0.1%	3.7%	55.6	55.5	0.0	-0.1%	3.7%	60.3	61.0	0.7	1.2%	3.7%	64.7	65.2	0.4	0.7%
4.9% 6.2%	49.4 49.3	49.6 49.5	0.2	0.5%	4.9% 6.2%	55.2 54.9	55.2 54.9	0.0	-0.1% 0.1%	4.9% 6.2%	60.3 60.0	60.6 60.4	0.4	0.6%	4.9% 6.2%	64.6 64.4	64.9 64.6	0.3	0.4%
7.4%	49.3	49.4	0.1	0.1%	7.4%	54.9	54.3	-0.1	-0.2%	7.4%	59.7	60.4	0.4	1.2%	7.4%	64.4	64.4	0.2	0.4%
8.6%	49.2	49.4	0.2	0.3%	8.6%	54.0	54.0	0.0	0.0%	8.6%	59.6	60.3	0.7	1.2%	8.6%	64.2	64.3	0.1	0.1%
9.9%	49.0	48.9	-0.1	-0.2%	9.9%	53.8	53.9	0.2	0.3%	9.9%	59.5	60.2	0.7	1.1%	9.9%	64.2	64.3	0.1	0.1%
11.1% 12.3%	48.8 48.6	48.7 48.6	-0.1	-0.3% 0.0%	11.1% 12.3%	53.7 53.5	53.9 53.8	0.2	0.3%	11.1%	59.4 59.2	60.1 60.1	0.7 0.9	1.2% 1.5%	11.1% 12.3%	64.2 64.2	64.3 64.2	0.1	0.1%
13.6%	48.4	48.5	0.0	0.0%	13.6%	53.4	53.7	0.2	0.5%	12.3% 13.6%	59.2	60.1	0.9	1.6%	13.6%	64.1	64.1	0.0	0.1%
14.8%	48.4	48.5	0.1	0.3%	14.8%	53.4	53.6	0.1	0.2%	14.8%	59.1	60.0	0.9	1.5%	14.8%	64.0	64.0	-0.1	-0.1%
16.0%	48.3	48.2	-0.1	-0.2%	16.0%	53.4	53.4	0.0	0.1%	16.0%	58.7	59.9	1.2	2.1%	16.0%	63.9	63.8	0.0	-0.1%
17.3%	48.2 48.2	48.2	0.0	0.0%	17.3%	53.4	53.4 53.4	0.0	0.0%	17.3%	58.7 58.6	59.8	1.1	1.9%	17.3%	63.8	63.8	0.0	0.0%
18.5% 19.8%	48.1	48.1 48.1	-0.1 0.0	-0.1% 0.0%	18.5% 19.8%	53.3 53.3	53.4	0.1 0.1	0.1% 0.1%	18.5% 19.8%	58.6	59.6 59.1	1.0 0.5	1.7% 0.8%	18.5% 19.8%	63.7 63.6	63.5 63.4	-0.2 -0.2	-0.4% -0.3%
21.0%	48.1	48.0	-0.1	-0.2%	21.0%	53.1	53.1	0.0	0.1%	21.0%	58.5	59.1	0.6	1.0%	21.0%	63.4	63.4	0.0	0.0%
22.2%	48.0	48.0	-0.1	-0.2%	22.2%	53.1	53.1	0.0	0.1%	22.2%	58.4	58.9	0.5	0.8%	22.2%	63.4	63.4	0.0	0.0%
23.5%	47.9 47.8	47.9 47.8	0.0	0.0%	23.5%	52.9	53.0 53.0	0.1	0.2%	23.5%	58.3	58.8 58.8	0.5	0.8%	23.5% 24.7%	63.0 62.9	63.4	0.4	0.6%
24.7% 25.9%	47.8 47.8	47.8 47.8	0.0	-0.1% -0.1%	24.7% 25.9%	52.9 52.8	53.0	0.1	0.2%	24.7% 25.9%	58.2 58.2	58.8 58.7	0.6 0.5	0.9%	25.9%	62.8	63.3	0.3	0.5%
27.2%	47.8	47.8	0.0	-0.1%	27.2%	52.6	52.9	0.3	0.6%	27.2%	58.1	58.7	0.5	0.9%	27.2%	62.8	63.2	0.5	0.7%
28.4%	47.8	47.7	0.0	-0.1%	28.4%	52.6	52.8	0.2	0.4%	28.4%	58.1	58.6	0.5	0.8%	28.4%	62.7	63.1	0.4	0.7%
29.6%	47.7	47.7	0.0	-0.1%	29.6%	52.5	52.7	0.2	0.5%	29.6%	58.1	58.6	0.5	0.8%	29.6%	62.6	63.1	0.4	0.7%
30.9%	47.7 47.6	47.7 47.6	0.0	-0.1% 0.0%	30.9% 32.1%	52.4 52.4	52.5 52.4	0.1	0.1%	30.9% 32.1%	58.1 58.1	58.5 58.4	0.5	0.8%	30.9% 32.1%	62.6 62.6	63.0 62.9	0.4	0.6%
33.3%	47.6	47.6	-0.1	-0.1%	33.3%	52.3	52.4	0.1	0.1%	33.3%	58.0	58.4	0.4	0.7%	33.3%	62.5	62.9	0.4	0.6%
34.6%	47.6	47.6	-0.1	-0.1%	34.6%	52.3	52.4	0.1	0.1%	34.6%	57.9	58.2	0.3	0.5%	34.6%	62.5	62.8	0.4	0.6%
35.8%	47.6	47.5	-0.1	-0.2%	35.8%	52.3	52.3	0.0	0.0%	35.8%	57.9	58.1	0.2	0.4%	35.8%	62.3	62.8	0.5	0.8%
37.0% 38.3%	47.5 47.4	47.4 47.4	-0.1 0.0	-0.2% 0.0%	37.0% 38.3%	52.1 52.0	52.2 52.1	0.2	0.3%	37.0% 38.3%	57.9 57.7	58.1 58.0	0.2	0.4%	37.0% 38.3%	62.1 62.1	62.6 62.6	0.5 0.5	0.8%
39.5%	47.4	47.4	0.0	0.0%	39.5%	51.8	51.9	0.2	0.4%	39.5%	57.5	57.9	0.3	0.6%	39.5%	62.1	62.5	0.5	0.8%
40.7%	47.3	47.4	0.0	0.1%	40.7%	51.8	51.9	0.1	0.2%	40.7%	57.4	57.8	0.4	0.7%	40.7%	62.0	62.5	0.5	0.7%
42.0%	47.3	47.3	-0.1	-0.1%	42.0%	51.8	51.9	0.1	0.2%	42.0%	57.4	57.8	0.4	0.7%	42.0%	62.0	62.5	0.5	0.8%
43.2% 44.4%	47.3 47.3	47.2 47.2	-0.1 -0.1	-0.3%	43.2% 44.4%	51.7 51.7	51.8 51.8	0.1	0.2%	43.2% 44.4%	57.4 57.3	57.8 57.7	0.4	0.7%	43.2% 44.4%	62.0 61.9	62.5 62.5	0.5	0.8%
45.7%	47.2	47.1	-0.1	-0.2%	45.7%	51.7	51.8	0.1	0.3%	45.7%	57.3	57.7	0.4	0.8%	45.7%	61.9	62.3	0.5	0.7%
46.9%	47.2	47.0	-0.1	-0.3%	46.9%	51.6	51.7	0.1	0.2%	46.9%	57.2	57.6	0.3	0.6%	46.9%	61.9	62.3	0.4	0.7%
48.1%	47.2	47.0	-0.2	-0.3%	48.1%	51.5	51.7	0.2	0.4%	48.1%	57.2	57.4	0.2	0.4%	48.1%	61.8	62.2	0.4	0.6%
49.4% 50.6%	47.0 47.0	47.0 46.9	-0.1 0.0	-0.2% 0.0%	49.4% 50.6%	51.4 51.4	51.6 51.6	0.2	0.5% 0.5%	49.4% 50.6%	57.0 57.0	57.4 57.3	0.3	0.6%	49.4% 50.6%	61.8 61.8	62.2 62.2	0.4	0.7% 0.6%
51.9%	47.0	46.9	0.0	0.0%	51.9%	51.4	51.5	0.2	0.3%	51.9%	56.8	57.3 57.3	0.3	0.8%	51.9%	61.8	62.2	0.4	0.5%
53.1%	46.9	46.8	-0.1	-0.2%	53.1%	51.3	51.5	0.2	0.3%	53.1%	56.8	57.2	0.4	0.7%	53.1%	61.8	62.0	0.3	0.5%
54.3%	46.8	46.8	0.0	0.1%	54.3%	51.2	51.4	0.2	0.4%	54.3%	56.7	57.2	0.5	0.9%	54.3%	61.7	62.0	0.3	0.4%
55.6%	46.7	46.8	0.0	0.1%	55.6%	51.1	51.2	0.1	0.2%	55.6%	56.6	57.2	0.6	1.0%	55.6%	61.7	62.0	0.3	0.4%
56.8% 58.0%	46.7 46.6	46.7 46.7	0.1 0.1	0.1%	56.8% 58.0%	51.1 51.0	51.2 51.1	0.0	0.1%	56.8% 58.0%	56.5 56.5	57.1 57.0	0.6 0.5	1.0%	56.8% 58.0%	61.7 61.7	62.0 61.9	0.3	0.4%
59.3%	46.6	46.6	0.0	0.0%	59.3%	51.0	51.0	0.1	0.1%	59.3%	56.4	57.0	0.5	0.9%	59.3%	61.7	61.9	0.2	0.4%
60.5%	46.6	46.6	0.0	0.0%	60.5%	50.9	51.0	0.1	0.2%	60.5%	56.4	56.7	0.3	0.6%	60.5%	61.7	61.9	0.2	0.4%
61.7%	46.6	46.6	0.0	0.0%	61.7%	50.9	51.0	0.1	0.1%	61.7%	56.3	56.6	0.3	0.5%	61.7%	61.6	61.9	0.3	0.4%
63.0% 64.2%	46.6 46.6	46.6 46.6	0.0	0.0%	63.0% 64.2%	50.9 50.7	50.9 50.8	0.0	0.0%	63.0% 64.2%	56.3 56.1	56.5 56.4	0.2	0.3% 0.5%	63.0% 64.2%	61.5 61.5	61.8 61.7	0.3	0.5%
65.4%	46.5	46.5	0.0	0.0%	65.4%	50.7	50.7	0.1	0.1%	65.4%	56.0	56.3	0.3	0.5%	65.4%	61.4	61.5	0.1	0.2%
66.7%	46.5	46.5	0.0	0.1%	66.7%	50.6	50.6	0.0	0.0%	66.7%	56.0	56.3	0.3	0.5%	66.7%	61.4	61.5	0.1	0.2%
67.9%	46.4	46.4	0.0	0.0%	67.9%	50.5	50.6	0.1	0.2%	67.9%	55.9	56.3	0.4	0.7%	67.9%	61.3	61.5 61.5	0.2	0.3%
69.1% 70.4%	46.3 46.3	46.4 46.3	0.0	0.1%	69.1% 70.4%	50.5 50.3	50.6 50.4	0.1 0.2	0.2%	69.1% 70.4%	55.8 55.6	56.0 55.9	0.2 0.3	0.3%	69.1% 70.4%	61.3 61.3	61.5	0.2	0.3%
71.6%	46.3	46.3	0.0	0.0%	71.6%	50.3	50.4	0.2	0.3%	71.6%	55.6	55.9	0.3	0.5%	71.6%	61.2	61.4	0.2	0.4%
72.8%	46.2	46.2	0.0	-0.1%	72.8%	50.2	50.4	0.2	0.5%	72.8%	55.5	55.8	0.4	0.6%	72.8%	61.1	61.2	0.1	0.2%
74.1%	46.2	45.9	-0.3	-0.7%	74.1%	50.2	50.4	0.2	0.5%	74.1%	55.4	55.8	0.3	0.6%	74.1%	61.0	61.2	0.1	0.2%
75.3% 76.5%	45.9 45.8	45.9 45.9	0.0	-0.1% 0.1%	75.3% 76.5%	50.0 50.0	50.2 50.0	0.2	0.4%	75.3% 76.5%	55.3 55.1	55.7 55.4	0.5 0.3	0.8%	75.3% 76.5%	60.9 60.8	61.0 61.0	0.2	0.3%
77.8%	45.8	45.8	0.0	0.0%	77.8%	49.7	49.8	0.0	0.1%	77.8%	54.8	55.1	0.3	0.5%	77.8%	60.8	60.9	0.1	0.2%
79.0%	45.8	45.8	0.0	0.0%	79.0%	49.5	49.5	0.0	0.1%	79.0%	54.8	55.0	0.2	0.3%	79.0%	60.8	60.8	0.0	0.0%
80.2%	45.7	45.6	0.0	0.0%	80.2%	49.4	49.4	-0.1	-0.1%	80.2%	54.7	55.0	0.3	0.5%	80.2%	60.7	60.8	0.0	0.1%
81.5% 82.7%	45.6 45.6	45.6 45.6	0.0	0.1%	81.5% 82.7%	49.2 49.2	49.3 49.2	0.0	0.1%	81.5% 82.7%	54.5 54.3	54.8 54.6	0.2	0.4%	81.5% 82.7%	60.7 60.7	60.7 60.7	0.0	0.0%
82.7% 84.0%	45.6 45.6	45.6 45.6	0.0	0.1% 0.1%	82.7% 84.0%	49.2 49.1	49.2	0.0	0.0%	82.7% 84.0%	54.3 54.2	54.5 54.5	0.3	0.5%	82.7% 84.0%	60.4	60.3	-0.1	-0.1% -0.1%
85.2%	45.5	45.5	0.0	-0.1%	85.2%	49.0	49.1	0.1	0.2%	85.2%	54.1	54.3	0.2	0.4%	85.2%	60.2	60.2	0.0	0.0%
86.4%	45.4	45.4	0.0	-0.1%	86.4%	48.9	49.0	0.1	0.2%	86.4%	54.1	54.3	0.2	0.4%	86.4%	60.2	60.1	-0.1	-0.2%
87.7%	45.3	45.3	0.0	0.1%	87.7%	48.9	48.9	0.0	0.1%	87.7%	54.0	54.2	0.2	0.3%	87.7%	60.1	60.1	-0.1	-0.1%
88.9% 90.1%	45.3 45.1	45.3 45.1	0.0	0.1%	88.9% 90.1%	48.8 48.7	48.9 48.8	0.1	0.2%	88.9% 90.1%	54.0 53.9	54.1 54.0	0.1	0.2% 0.3%	88.9% 90.1%	60.1 59.8	60.0 59.8	-0.1 0.0	-0.1% 0.0%
91.4%	45.1	45.1	0.0	0.0%	91.4%	48.6	48.7	0.0	0.1%	91.4%	53.7	53.9	0.1	0.4%	91.4%	59.5	59.7	0.0	0.3%
92.6%	45.1	45.1	0.0	0.0%	92.6%	48.6	48.7	0.1	0.2%	92.6%	53.5	53.5	0.0	0.0%	92.6%	59.0	59.7	0.6	1.1%
93.8%	45.1	45.1	0.0	0.0%	93.8%	48.5	48.6	0.1	0.3%	93.8%	53.3	53.3	0.0	-0.1%	93.8%	59.0	59.1	0.2	0.3%
95.1%	44.9 44.7	44.9 44.7	0.0	0.1%	95.1%	48.3 48.1	48.3 48.1	0.0	0.0%	95.1% 96.3%	53.1 52.9	53.3 53.1	0.1	0.2%	95.1% 96.3%	58.9 58.7	58.7 58.7	-0.2 0.0	-0.4%
96.3% 97.5%	44.7 44.6	44.7	0.1	0.1%	96.3% 97.5%	48.1 48.0	48.1 48.0	0.0	0.0%	95.3%	52.9 51.9	53.1	0.1	0.3%	96.3% 97.5%	58.7 58.6	58.7	-0.1	0.0% -0.2%
98.8%	44.4	44.3	0.0	-0.1%	98.8%	47.7	47.7	0.0	0.0%	98.8%	50.8	50.7	0.0	-0.1%	98.8%	58.0	57.9	-0.1	-0.2%
100.0%	43.8	43.8	0.0	0.0%	100.0%	47.6	47.6	0.0	0.0%	100.0%	49.5	49.5	0.0	0.0%	100.0%	55.5	55.5	0.0	0.0%

Table SQ-10-7b Sacramento River below Delevan, Monthly Temperature Probability of Exceedance

August

September

Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			0.0%	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	67.6	67.8	0.2	0.3%	0.0%	69.7	69.5	-0.2	-0.3%	0.0%	71.7	70.9	-0.9	-1.2%	0.0%	68.7	67.8	-1.0	-1.4%
1.2%	67.6	66.7	-0.9	-1.3%	1.2%	69.6	68.4	-1.2	-1.7%	1.2%	71.5	68.3	-3.2	-4.5%	1.2%	68.5	67.7	-0.8	-1.1%
2.5%	66.7	66.7	0.0	-0.1%	2.5%	68.7	68.2	-0.5	-0.8%	2.5%	69.9	68.2	-1.7	-2.4%	2.5%	68.3	67.7	-0.7	-1.0%
3.7%	66.6	66.4	-0.2	-0.3%	3.7%	68.5	68.0	-0.4	-0.6%	3.7%	69.7	68.1	-1.6	-2.3%	3.7%	68.2	67.6	-0.6	-0.9%
4.9%	66.4	66.2	-0.2	-0.3%	4.9%	68.1	67.8	-0.3	-0.5%	4.9%	69.3	67.9	-1.4	-2.0%	4.9%	67.8	67.0	-0.8	-1.2%
6.2% 7.4%	66.4 66.0	65.4 65.4	-1.0 -0.6	-1.4% -0.9%	6.2% 7.4%	67.9 67.9	67.6 67.5	-0.3 -0.3	-0.4% -0.5%	6.2% 7.4%	68.9 68.2	67.8 67.6	-1.1 -0.6	-1.6% -0.8%	6.2% 7.4%	67.4 67.0	67.0 66.4	-0.4 -0.5	-0.6% -0.8%
8.6%	65.9	65.3	-0.6	-0.9%	7.4% 8.6%	67.8	67.1	-0.3	-0.5% -1.1%	8.6%	68.0	67.6	-0.6	-0.6%	7.4% 8.6%	66.6	66.4	-0.5	-0.8%
9.9%	65.9	65.2	-0.6	-0.9%	9.9%	67.7	67.0	-0.7	-0.9%	9.9%	68.0	67.1	-0.4	-1.3%	9.9%	66.3	66.4	0.1	0.2%
11.1%	65.8	65.2	-0.6	-0.9%	11.1%	67.6	66.9	-0.8	-1.1%	11.1%	68.0	67.1	-0.9	-1.2%	11.1%	66.3	66.3	0.0	0.0%
12.3%	65.7	65.1	-0.6	-0.9%	12.3%	67.6	66.8	-0.8	-1.1%	12.3%	67.9	67.0	-0.8	-1.2%	12.3%	66.1	65.9	-0.3	-0.4%
13.6%	65.5	65.0	-0.5	-0.7%	13.6%	67.6	66.8	-0.8	-1.1%	13.6%	67.8	67.0	-0.8	-1.2%	13.6%	66.0	65.5	-0.6	-0.8%
14.8%	65.4	65.0	-0.4	-0.6%	14.8%	67.5	66.8	-0.7	-1.1%	14.8%	67.7	67.0	-0.8	-1.2%	14.8%	66.0	65.5	-0.6	-0.8%
16.0%	65.3	64.9	-0.4	-0.6%	16.0%	67.1	66.8	-0.4	-0.6%	16.0%	67.3	66.7	-0.6	-0.8%	16.0%	65.7	65.1	-0.6	-0.9%
17.3%	65.2	64.9	-0.3	-0.4%	17.3%	67.1	66.7	-0.4	-0.6%	17.3%	67.3	66.7	-0.6	-0.8%	17.3%	65.4	65.0	-0.4	-0.6%
18.5%	65.2	64.9	-0.3	-0.5%	18.5%	67.0	66.6	-0.4	-0.7%	18.5%	67.2	66.6	-0.6	-0.8%	18.5%	65.3	65.0	-0.3	-0.4%
19.8%	65.1	64.8	-0.4	-0.5%	19.8%	67.0	66.6	-0.4	-0.5%	19.8%	67.1	66.6	-0.6	-0.9%	19.8%	65.2	64.9	-0.3	-0.4%
21.0%	65.1	64.8	-0.4	-0.5%	21.0%	66.8	66.6	-0.3	-0.4%	21.0%	67.0	66.5	-0.6	-0.8%	21.0%	65.1	64.8	-0.3	-0.5%
22.2%	65.1	64.7	-0.5	-0.7%	22.2%	66.7	66.3	-0.4	-0.6%	22.2%	67.0	66.5	-0.5	-0.7%	22.2%	65.0	64.6	-0.4	-0.6%
23.5%	65.1	64.6	-0.5	-0.7%	23.5%	66.7	66.3	-0.4	-0.6%	23.5%	66.6	66.4	-0.2	-0.2%	23.5%	65.0	64.5	-0.4	-0.7%
24.7%	65.1	64.5	-0.5	-0.8%	24.7%	66.7	66.2	-0.5	-0.7%	24.7%	66.5	66.4	-0.1	-0.1%	24.7%	64.9	64.5	-0.4	-0.7%
25.9%	64.9	64.5	-0.4	-0.6%	25.9%	66.7	66.2	-0.5	-0.7%	25.9%	66.4	66.4	0.0	-0.1%	25.9%	64.8	64.4	-0.3	-0.5%
27.2%	64.9	64.5	-0.4	-0.6%	27.2%	66.4	66.2 66.1	-0.3	-0.4%	27.2%	66.4	66.3	-0.1	-0.1%	27.2%	64.8 64.8	64.4	-0.3	-0.5%
28.4%	64.9	64.5	-0.4	-0.6%	28.4%	66.4		-0.3	-0.5%	28.4%	66.3	66.3	0.0	0.0%	28.4%		64.4	-0.3	-0.5%
29.6% 30.9%	64.9 64.9	64.5 64.5	-0.4 -0.4	-0.6% -0.6%	29.6% 30.9%	66.4 66.4	66.0 66.0	-0.4 -0.4	-0.5% -0.7%	29.6% 30.9%	66.3 66.3	66.2 66.2	-0.1 -0.1	-0.2% -0.1%	29.6% 30.9%	64.7 64.6	64.4 64.3	-0.3 -0.3	-0.4% -0.4%
30.9%	64.9 64.6	64.5	-0.4	-0.6%	30.9%	66.4	66.0	-0.4	-0.7%	30.9%	66.2	66.1	-0.1	-0.1%	30.9%	64.6 64.5	64.3	-0.3	-0.4%
33.3%	64.6	64.4	-0.2	-0.3%	33.3%	66.3	65.8	-0.4	-0.7%	33.3%	66.2	66.1	-0.1	-0.1%	33.3%	64.4	64.1	-0.3	-0.5%
33.3%	64.5	64.4	-0.2	-0.5%	33.3%	66.2	65.7	-0.5	-0.7%	34.6%	66.1	66.1	-0.1	-0.1%	34.6%	64.4	64.0	-0.4	-0.6%
35.8%	64.5	64.0	-0.4	-0.8%	35.8%	66.0	65.7	-0.4	-0.5%	35.8%	66.1	66.1	0.0	0.0%	35.8%	64.3	64.0	-0.4	-0.5%
37.0%	64.4	64.0	-0.4	-0.7%	37.0%	65.9	65.6	-0.3	-0.4%	37.0%	66.1	66.1	0.0	0.0%	37.0%	64.2	63.9	-0.3	-0.5%
38.3%	64.4	64.0	-0.5	-0.8%	38.3%	65.9	65.6	-0.3	-0.4%	38.3%	66.0	66.0	0.0	0.0%	38.3%	64.0	63.9	-0.2	-0.3%
39.5%	64.4	63.9	-0.5	-0.7%	39.5%	65.9	65.6	-0.3	-0.5%	39.5%	65.9	65.9	-0.1	-0.1%	39.5%	64.0	63.7	-0.3	-0.5%
40.7%	64.3	63.9	-0.3	-0.5%	40.7%	65.8	65.3	-0.5	-0.7%	40.7%	65.9	65.8	0.0	-0.1%	40.7%	63.9	63.6	-0.3	-0.5%
42.0%	64.2	63.9	-0.3	-0.5%	42.0%	65.7	65.3	-0.3	-0.5%	42.0%	65.8	65.7	-0.1	-0.1%	42.0%	63.8	63.5	-0.3	-0.5%
43.2%	64.2	63.9	-0.3	-0.5%	43.2%	65.6	65.3	-0.3	-0.5%	43.2%	65.8	65.7	-0.1	-0.2%	43.2%	63.7	63.5	-0.3	-0.4%
44.4%	64.2	63.8	-0.4	-0.6%	44.4%	65.5	65.3	-0.2	-0.3%	44.4%	65.8	65.7	-0.1	-0.2%	44.4%	63.6	63.4	-0.2	-0.4%
45.7%	64.2	63.8	-0.4	-0.6%	45.7%	65.5	65.2	-0.2	-0.3%	45.7%	65.7	65.6	-0.1	-0.1%	45.7%	63.5	63.3	-0.2	-0.3%
46.9%	64.1	63.6	-0.5	-0.8%	46.9%	65.4	65.1	-0.3	-0.5%	46.9%	65.6	65.6	0.0	0.0%	46.9%	63.5	63.3	-0.2	-0.3%
48.1%	64.0	63.6	-0.4	-0.6%	48.1%	65.4	65.1	-0.3	-0.5%	48.1%	65.5	65.6	0.0	0.0%	48.1%	63.4	63.3	-0.1	-0.2%
49.4%	64.0	63.6	-0.3	-0.5%	49.4%	65.3	65.0	-0.2	-0.4%	49.4%	65.5	65.6	0.1	0.1%	49.4%	63.4	63.2	-0.2	-0.3%
50.6%	63.9	63.6	-0.3	-0.4%	50.6%	65.3	65.0	-0.3	-0.4%	50.6%	65.5	65.4	0.0	0.0%	50.6%	63.3	63.2	-0.1	-0.1%
51.9% 53.1%	63.9	63.6 63.6	-0.3 -0.2	-0.4% -0.4%	51.9% 53.1%	65.3 65.3	65.0 64.9	-0.3	-0.4% -0.5%	51.9% 53.1%	65.4 65.4	65.4	0.0	0.0%	51.9% 53.1%	63.2 63.2	63.2 63.1	0.0 -0.1	-0.1% -0.1%
54.3%	63.8 63.7	63.5	-0.2	-0.4%	54.3%	65.2	64.8	-0.3 -0.4	-0.6%	54.3%	65.4	65.4 65.4	0.0	0.0%	54.3%	63.0	63.1	0.1	0.1%
55.6%	63.7	63.4	-0.3	-0.4%	55.6%	65.2	64.8	-0.4	-0.6%	55.6%	65.4	65.4	0.0	0.0%	55.6%	62.9	63.1	0.1	0.2%
56.8%	63.6	63.3	-0.3	-0.4%	56.8%	65.1	64.8	-0.3	-0.5%	56.8%	65.3	65.4	0.0	0.0%	56.8%	62.8	63.1	0.2	0.4%
58.0%	63.5	63.3	-0.2	-0.3%	58.0%	65.1	64.8	-0.3	-0.5%	58.0%	65.3	65.3	-0.1	-0.1%	58.0%	62.8	63.1	0.3	0.4%
59.3%	63.4	63.3	-0.1	-0.2%	59.3%	65.1	64.7	-0.4	-0.7%	59.3%	65.3	65.1	-0.2	-0.3%	59.3%	62.8	63.0	0.2	0.4%
60.5%	63.4	63.3	-0.1	-0.2%	60.5%	65.0	64.5	-0.5	-0.8%	60.5%	65.2	65.1	-0.1	-0.1%	60.5%	62.5	63.0	0.5	0.7%
61.7%	63.3	63.2	-0.1	-0.2%	61.7%	65.0	64.4	-0.6	-0.9%	61.7%	65.2	65.0	-0.1	-0.2%	61.7%	62.5	62.9	0.4	0.6%
63.0%	63.3	63.2	-0.1	-0.2%	63.0%	64.9	64.4	-0.5	-0.8%	63.0%	65.2	65.0	-0.1	-0.2%	63.0%	62.4	62.8	0.4	0.7%
64.2%	63.3	63.2	-0.1	-0.2%	64.2%	64.9	64.3	-0.6	-0.9%	64.2%	65.1	65.0	-0.1	-0.2%	64.2%	62.3	62.7	0.4	0.6%
65.4%	63.2	63.1	-0.1	-0.2%	65.4%	64.8	64.3	-0.6	-0.9%	65.4%	65.1	65.0	-0.1	-0.2%	65.4%	62.3	62.6	0.3	0.4%
66.7%	63.2	63.0	-0.2	-0.3%	66.7%	64.7	64.2	-0.6	-0.9%	66.7%	65.0	64.9	-0.1	-0.1%	66.7%	62.3	62.5	0.2	0.4%
67.9%	63.1	63.0	-0.2	-0.3%	67.9%	64.6	64.1	-0.5	-0.8%	67.9%	65.0	64.9	-0.2	-0.2%	67.9%	62.2	62.4	0.2	0.3%
69.1%	63.1	63.0	-0.2	-0.3%	69.1%	64.5	64.0	-0.5	-0.7%	69.1%	65.0	64.8	-0.2	-0.3%	69.1%	61.9	62.3	0.4	0.7%
70.4% 71.6%	63.1 63.0	62.8 62.7	-0.3	-0.5% -0.4%	70.4% 71.6%	64.5 64.5	64.0 64.0	-0.5 -0.5	-0.7%	70.4% 71.6%	64.9 64.8	64.7 64.7	-0.1 -0.1	-0.2% -0.1%	70.4% 71.6%	61.8 61.6	61.8 61.8	0.1 0.2	0.1%
71.6%	63.0	62.7	-0.3 -0.3	-0.4%	71.6%	64.4	64.0	-0.5	-0.8%	71.6%	64.4	64.6	0.1	-0.1% 0.2%	71.6%	61.6	61.7	0.2	0.4%
74.1%	63.0	62.6	-0.3	-0.4%	74.1%	64.4	64.0	-0.5	-0.7%	72.6%	64.4	64.6	0.1	0.2%	74.1%	61.6	61.7	0.1	0.2%
75.3%	62.9	62.6	-0.3	-0.6%	75.3%	64.3	63.9	-0.4	-0.6%	75.3%	64.3	64.5	0.2	0.3%	75.3%	61.5	61.5	-0.1	-0.1%
76.5%	62.9	62.6	-0.4	-0.6%	76.5%	64.3	63.9	-0.3	-0.5%	76.5%	64.3	64.5	0.2	0.4%	76.5%	61.4	61.5	0.1	0.1%
77.8%	62.9	62.5	-0.4	-0.6%	77.8%	64.2	63.9	-0.3	-0.5%	77.8%	64.3	64.5	0.2	0.4%	77.8%	61.2	61.4	0.1	0.2%
79.0%	62.9	62.5	-0.3	-0.5%	79.0%	64.2	63.9	-0.3	-0.5%	79.0%	64.3	64.5	0.2	0.3%	79.0%	61.2	61.3	0.1	0.1%
80.2%	62.8	62.5	-0.3	-0.5%	80.2%	64.1	63.7	-0.4	-0.6%	80.2%	64.3	64.4	0.1	0.2%	80.2%	61.2	61.2	0.0	-0.1%
81.5%	62.8	62.5	-0.3	-0.5%	81.5%	63.9	63.6	-0.4	-0.6%	81.5%	64.2	64.3	0.2	0.3%	81.5%	61.0	61.1	0.0	0.1%
82.7%	62.7	62.5	-0.2	-0.4%	82.7%	63.9	63.5	-0.4	-0.7%	82.7%	64.2	64.1	0.0	-0.1%	82.7%	61.0	61.0	0.0	0.0%
84.0%	62.6	62.4	-0.2	-0.4%	84.0%	63.9	63.4	-0.5	-0.8%	84.0%	63.9	64.1	0.1	0.2%	84.0%	61.0	61.0	0.0	0.0%
85.2%	62.6	62.3	-0.3	-0.4%	85.2%	63.9	63.2	-0.7	-1.1%	85.2%	63.9	64.0	0.1	0.1%	85.2%	60.9	60.9	0.0	0.0%
86.4%	62.5	62.3	-0.2	-0.4%	86.4%	63.7	63.1	-0.6	-0.9%	86.4%	63.9	63.9	0.0	0.0%	86.4%	60.9	60.8	-0.1	-0.2%
87.7%	62.5	62.3	-0.2	-0.4%	87.7%	63.7	63.1	-0.6	-1.0%	87.7%	63.7	63.8	0.1	0.2%	87.7%	60.8	60.8	0.0	0.0%
88.9%	62.4	62.2	-0.2	-0.4%	88.9%	63.4	62.8	-0.5	-0.9%	88.9%	63.6	63.6	0.0	0.0%	88.9%	60.7	60.7	0.1	0.1%
90.1%	62.4	61.8	-0.6	-0.9%	90.1%	63.3	62.7	-0.7	-1.1%	90.1%	63.5	63.6	0.0	0.1%	90.1%	60.6	60.4	-0.1	-0.2%
91.4%	62.4	61.8	-0.6	-0.9%	91.4%	63.3	62.6	-0.6	-1.0%	91.4%	63.5	63.6	0.1	0.2%	91.4%	60.5	60.3	-0.2	-0.3%
92.6% 93.8%	62.2 62.0	61.7 61.4	-0.5 -0.7	-0.8% -1.1%	92.6% 93.8%	63.2 63.1	62.6 62.5	-0.6 -0.6	-1.0% -1.0%	92.6% 93.8%	63.4 63.2	63.6 63.4	0.2	0.3%	92.6% 93.8%	60.4 60.3	60.2 60.0	-0.2 -0.3	-0.4% -0.5%
93.8%	62.0 62.0	61.4 61.4	-0.7	-1.1% -1.0%	93.8% 95.1%	63.1 63.1	62.5 62.5	-0.6	-1.0% -0.9%	93.8% 95.1%	63.2 63.2	63.4 63.3	0.1	0.2%	93.8% 95.1%	60.3	60.0 59.8	-0.3 -0.2	-0.5%
95.1%	61.6	61.3	-0.8	-0.5%	96.3%	62.7	62.1	-0.6	-0.9%	96.3%	63.2	63.1	0.0	-0.1%	96.3%	59.7	59.6	-0.2	-0.1%
97.5%	61.5	61.1	-0.3	-0.5%	97.5%	62.7	61.8	-0.6	-1.4%	97.5%	63.1	63.1	-0.1	-0.1%	97.5%	59.7	59.6	0.4	0.7%
98.8%	61.5	61.0	-0.4	-0.7%	98.8%	62.4	61.8	-0.6	-1.0%	98.8%	63.0	62.9	-0.1	-0.2%	98.8%	59.0	59.0	0.4	0.1%
100.0%	60.6	60.7	0.2	0.3%	100.0%	62.0	61.7	-0.3	-0.5%	100.0%	62.8	62.7	-0.1	-0.2%	100.0%	59.0	58.5	-0.5	-0.8%

Table SQ-11-7a
Sacramento River at Knights Landing, Monthly Temperature
Long-term Average and Average by Water Year Type

•					Mon	thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Loi	ng-term							
Full Simulation Period ¹												
No Action Alternative	58.3	51.1	45.2	44.4	47.2	51.9	57.7	63.7	67.6	70.3	70.1	65.7
Alternative C	58.1	51.1	45.2	44.4	47.2	52.0	57.9	63.8	67.3	69.5	69.5	65.4
Difference	-0.1	0.0	0.0	0.1	0.1	0.2	0.2	0.1	-0.3	-0.8	-0.6	-0.3
Percent Difference ³	-0.2%	-0.1%	0.1%	0.2%	0.1%	0.3%	0.4%	0.2%	-0.5%	-1.1%	-0.8%	-0.5%
				Water Y	ear Types	2						
Vet (32%)												
No Action Alternative	57.6	51.3	45.2	44.7	46.8	50.6	55.4	62.5	67.1	70.7	70.0	63.5
Alternative C	57.4	51.3	45.3	44.7	46.8	50.7	55.5	62.5	66.7	70.0	70.1	63.3
Difference	-0.2	0.0	0.1	0.0	0.0	0.1	0.1	0.0	-0.4	-0.7	0.0	-0.2
Percent Difference	-0.3%	-0.1%	0.2%	0.0%	0.1%	0.2%	0.2%	0.0%	-0.6%	-1.0%	0.1%	-0.39
Above Normal (15%)												
No Action Alternative	58.0	50.7	45.5	44.8	47.0	51.7	57.6	64.4	67.9	69.8	70.1	65.4
Alternative C	57.9	50.7	45.6	44.8	47.1	51.8	57.8	64.4	67.6	68.7	69.8	65.4
Difference	-0.1	0.0	0.1	0.1	0.1	0.2	0.2	0.0	-0.3	-1.1	-0.3	0.0
Percent Difference	-0.1%	0.0%	0.2%	0.2%	0.1%	0.3%	0.4%	0.0%	-0.4%	-1.5%	-0.4%	0.1%
Below Normal (17%)												
No Action Alternative	57.7	51.0	45.3	44.2	46.7	51.9	58.6	64.2	67.7	70.1	69.8	66.5
Alternative C	57.5	50.9	45.3	44.2	46.7	52.2	58.9	64.5	67.4	69.0	69.3	66.0
Difference	-0.3	0.0	0.0	0.0	0.1	0.3	0.3	0.2	-0.2	-1.1	-0.5	-0.4
Percent Difference	-0.5%	-0.1%	0.0%	0.1%	0.1%	0.5%	0.5%	0.4%	-0.3%	-1.6%	-0.8%	-0.79
Dry (22%)												
No Action Alternative	58.6	51.4	45.2	44.0	47.4	52.6	59.4	64.2	68.2	69.9	69.7	67.0
Alternative C	58.5	51.4	45.2	44.1	47.5	52.8	59.7	64.3	67.9	69.3	68.9	66.5
Difference	0.0	-0.1	0.0	0.1	0.0	0.2	0.3	0.1	-0.3	-0.7	-0.9	-0.5
Percent Difference	0.0%	-0.2%	-0.1%	0.3%	0.1%	0.4%	0.5%	0.2%	-0.4%	-1.0%	-1.2%	-0.79
Critical (15%)												
No Action Alternative	60.1	50.9	44.7	44.1	48.4	53.6	59.3	64.4	67.5	70.7	71.1	67.8
Alternative C	60.1	50.8	44.7	44.2	48.5	53.7	59.5	64.7	67.3	70.1	69.4	67.3
Difference	-0.1	-0.1	0.0	0.1	0.1	0.1	0.2	0.3	-0.2	-0.5	-1.7	-0.4
Percent Difference	-0.1%	-0.2%	0.1%	0.2%	0.2%	0.2%	0.4%	0.5%	-0.3%	-0.8%	-2.3%	-0.69

1 Based on the 82-year simulation period

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



Figure SQ-11-7b Sacramento River at Knights Landing, Monthly Temperature Probability of Exceedance

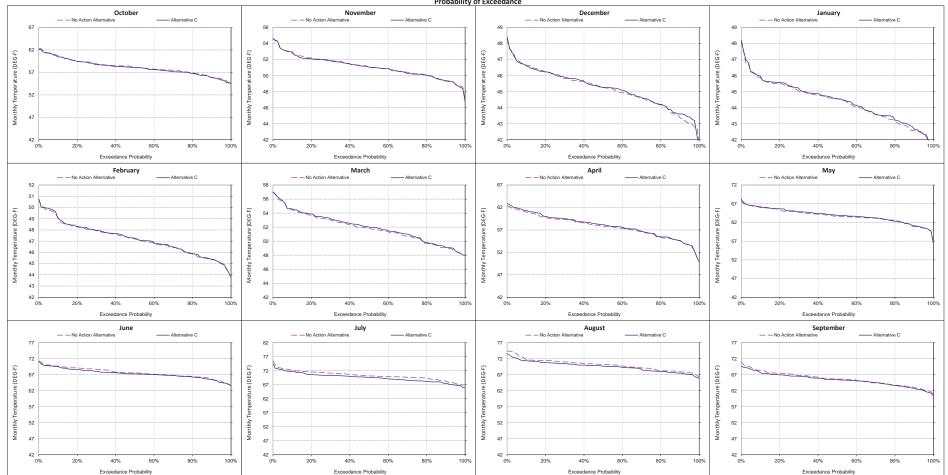


Table SQ-11-7b
Sacramento River at Knights Landing, Monthly Temperature
Probability of Exceedance

		October					November					December					January		
Percent	No Action Alternative	Alternative C	Absolute		Percent	No Action Alternative	Alternative C	Absolute		Percent	No Action Alternative	Alternative C	Absolute		Percent	No Action Alternative	Alternative C	Absolute	
Exceedance			Difference	Relative	Exceedance			Difference	Relative	Exceedance			- Difference	Relative	Exceedance			Difference	Relative
Probability		Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability		Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	62.3	62.2	-0.1	-0.2%	0.0%	54.6	54.7	0.1	0.1%	0.0%	48.3	48.4	0.1	0.3%	0.0%	48.1	48.2	0.1	0.2%
1.2%	62.3	62.0	-0.3	-0.5%	1.2%	54.5	54.3	-0.1	-0.2%	1.2%	47.7	47.7	0.1	0.1%	1.2%	47.5	47.5	0.0	0.0%
2.5%	61.7	61.5	-0.2	-0.4%	2.5%	54.3	54.3	0.0	0.0%	2.5%	47.5	47.4	-0.1	-0.2%	2.5%	46.8	47.0	0.2	0.5%
3.7%	61.3	61.5	0.2	0.3%	3.7%	53.5	53.4	0.0	0.0%	3.7%	47.2	47.3	0.1	0.3%	3.7%	46.7	46.8	0.1	0.2%
4.9%	61.3	61.4	0.1	0.1%	4.9%	53.2	53.2	0.0	0.1%	4.9%	47.0	46.9	-0.1	-0.3%	4.9%	46.2	46.3	0.0	0.0%
6.2%	61.2	61.3	0.1	0.1%	6.2%	53.1	53.2	0.0	0.0%	6.2%	46.9	46.8	-0.1	-0.1%	6.2%	46.1	46.2	0.1	0.1%
7.4%	61.0	60.9	-0.1	-0.2%	7.4%	53.1	53.0	-0.1	-0.2%	7.4%	46.8	46.7	0.0	-0.1%	7.4%	46.1	46.1	-0.1	-0.1%
8.6%	61.0	60.8	-0.2	-0.3%	8.6%	53.0	53.0	0.0	0.0%	8.6%	46.7	46.7	0.0	-0.1%	8.6%	45.9	46.0	0.1	0.2%
9.9%	60.7	60.5	-0.3	-0.4%	9.9%	53.0	52.9	-0.1	-0.2%	9.9%	46.7	46.6	0.0	-0.1%	9.9%	45.9	46.0	0.1	0.2%
11.1%	60.5	60.5	-0.1	-0.1%	11.1%	52.6	52.6	0.0	0.0%	11.1%	46.6	46.6	-0.1	-0.2%	11.1%	45.7	45.7	0.0	0.0%
12.3%	60.4	60.4	0.0	0.0%	12.3%	52.5	52.5	0.0	0.0%	12.3%	46.6	46.5	-0.1	-0.2%	12.3%	45.7	45.6	0.0	0.0%
13.6%	60.1	60.1	0.0	0.0%	13.6%	52.5	52.3	-0.2	-0.4%	13.6%	46.5	46.4	0.0	-0.1%	13.6%	45.6	45.6	0.0	0.1%
	60.0	60.1	0.0	0.0%	14.8%	52.5 52.4	52.3 52.2			13.6%	46.5 46.5	46.4	-0.1		13.6%	45.6 45.6	45.6 45.6	0.0	
14.8%								-0.2	-0.4%					-0.2%					0.1%
16.0%	59.8	60.0	0.1	0.2%	16.0%	52.4	52.2	-0.2	-0.4%	16.0%	46.4	46.3	-0.1	-0.1%	16.0%	45.5	45.6	0.0	0.1%
17.3%	59.8	59.8	0.0	0.0%	17.3%	52.2	52.1	-0.1	-0.2%	17.3%	46.3	46.3	-0.1	-0.1%	17.3%	45.5	45.6	0.1	0.2%
18.5%	59.7	59.6	-0.1	-0.2%	18.5%	52.2	52.1	-0.1	-0.2%	18.5%	46.3	46.3	-0.1	-0.1%	18.5%	45.5	45.6	0.1	0.2%
19.8%	59.4	59.5	0.1	0.2%	19.8%	52.2	52.1	-0.1	-0.2%	19.8%	46.2	46.2	0.0	0.0%	19.8%	45.5	45.6	0.1	0.2%
21.0%	59.4	59.4	0.0	0.0%	21.0%	52.2	52.1	-0.1	-0.2%	21.0%	46.2	46.2	0.0	0.1%	21.0%	45.5	45.6	0.1	0.2%
22.2%	59.4	59.4	0.0	0.0%	22.2%	52.1	52.0	-0.1	-0.1%	22.2%	46.2	46.2	0.0	0.0%	22.2%	45.4	45.5	0.1	0.3%
23.5%	59.3	59.3	0.0	-0.1%	23.5%	52.1	52.0	-0.1	-0.1%	23.5%	46.1	46.1	0.0	-0.1%	23.5%	45.4	45.5	0.1	0.2%
24.7%	59.3	59.3	0.0	-0.1%	24.7%	52.1	52.0	-0.1	-0.1%	24.7%	46.1	46.1	0.0	0.0%	24.7%	45.4	45.3	-0.1	-0.1%
25.9%	59.3	59.1	-0.2	-0.3%	25.9%	52.0	52.0	-0.1	-0.1%	25.9%	46.1	46.0	-0.1	-0.2%	25.9%	45.4	45.3	-0.1	-0.1%
27.2%	59.2	59.1	-0.1	-0.3%	27.2%	52.0	52.0	-0.1	-0.2%	27.2%	46.0	46.0	-0.1	-0.1%	27.2%	45.2	45.3	0.0	0.1%
28.4%	59.2	58.9	-0.2	-0.4%	28.4%	52.0	51.9	-0.2	-0.3%	28.4%	45.8	46.0	0.1	0.2%	28.4%	45.2	45.3	0.1	0.2%
29.6%	59.0	58.7	-0.2	-0.4%	29.6%	52.0	51.9	-0.2	-0.2%	29.6%	45.8	45.9	0.1	0.2%	29.6%	45.0	45.2	0.1	0.5%
30.9%	58.8	58.7	-0.2	-0.2%	30.9%	51.8	51.8	0.0	-0.1%	30.9%	45.8	45.9	0.1	0.1%	30.9%	45.0	45.1	0.1	0.2%
32.1%	58.8	58.7	-0.1	-0.2%	32.1%	51.8	51.7	-0.1	-0.1%	32.1%	45.8	45.8	0.0	0.1%	32.1%	45.0	45.0	0.1	0.1%
33.3%	58.8	58.6	-0.1	-0.2%	33.3%	51.8	51.7	-0.1	-0.1%	33.3%	45.7	45.8	0.0	0.1%	33.3%	44.9	45.0	0.0	0.1%
33.3%	58.8 58.7	58.6		-0.2%	33.3%	51.8 51.8	51.7	-0.1 -0.1		33.3%	45.7 45.7	45.8 45.8	0.1	0.2%	33.3%	44.9 44.9	45.0 44.9	0.1	0.1%
			-0.1						-0.2%										
35.8%	58.6	58.6	-0.1	-0.1%	35.8%	51.8	51.7	-0.1	-0.2%	35.8%	45.7	45.8	0.1	0.2%	35.8%	44.9	44.9	0.0	0.0%
37.0%	58.6	58.5	-0.1	-0.1%	37.0%	51.5	51.6	0.1	0.2%	37.0%	45.7	45.8	0.1	0.2%	37.0%	44.8	44.9	0.0	0.1%
38.3%	58.6	58.4	-0.2	-0.3%	38.3%	51.5	51.5	0.1	0.1%	38.3%	45.7	45.7	0.1	0.1%	38.3%	44.8	44.9	0.1	0.2%
39.5%	58.6	58.4	-0.2	-0.3%	39.5%	51.5	51.5	0.0	0.1%	39.5%	45.6	45.7	0.1	0.1%	39.5%	44.8	44.9	0.1	0.2%
40.7%	58.5	58.3	-0.2	-0.3%	40.7%	51.4	51.4	0.0	-0.1%	40.7%	45.6	45.6	0.0	0.0%	40.7%	44.8	44.9	0.1	0.2%
42.0%	58.5	58.3	-0.2	-0.4%	42.0%	51.4	51.4	0.0	0.0%	42.0%	45.5	45.5	-0.1	-0.1%	42.0%	44.7	44.8	0.0	0.0%
43.2%	58.5	58.3	-0.2	-0.3%	43.2%	51.3	51.3	0.0	-0.1%	43.2%	45.5	45.4	-0.1	-0.2%	43.2%	44.7	44.7	0.0	0.0%
44.4%	58.4	58.3	-0.2	-0.3%	44.4%	51.3	51.3	0.0	0.0%	44.4%	45.5	45.4	-0.1	-0.1%	44.4%	44.7	44.7	0.1	0.1%
45.7%	58.4	58.2	-0.2	-0.4%	45.7%	51.2	51.2	0.0	-0.1%	45.7%	45.4	45.4	0.0	-0.1%	45.7%	44.6	44.7	0.1	0.2%
46.9%	58.4	58.2	-0.2	-0.4%	46.9%	51.2	51.2	-0.1	-0.1%	46.9%	45.4	45.3	-0.1	-0.2%	46.9%	44.6	44.6	0.0	0.1%
48.1%	58.3	58.2	-0.2	-0.3%	48.1%	51.2	51.2	-0.1	-0.1%	48.1%	45.3	45.3	0.1	0.1%	48.1%	44.6	44.6	0.0	0.0%
49.4%	58.3	58.1	-0.2	-0.3%	49.4%	51.1	51.1	0.0	0.0%	49.4%	45.3	45.3	0.0	0.0%	49.4%	44.6	44.6	0.0	0.0%
50.6%	58.1	58.0	-0.1	-0.1%	50.6%	51.0	51.0	0.0	0.0%	50.6%	45.3	45.3	0.0	0.0%	50.6%	44.5	44.5	0.0	0.0%
51.9%	58.1	58.0	0.0	-0.1%	51.9%	51.0	51.0	0.0	0.0%	51.9%	45.2	45.3	0.0	0.1%	51.9%	44.5	44.5	0.0	0.0%
53.1%	58.1	58.0	0.0	-0.1%	53.1%	51.0	51.0	0.0	0.0%	53.1%	45.2	45.3	0.0	0.1%	53.1%	44.5	44.5	-0.1	-0.2%
54.3%	57.9	58.0	0.0	0.0%	54.3%	51.0	51.0	0.0	0.0%	54.3%	45.2	45.2	0.0	0.1%	54.3%	44.4	44.4	0.0	0.1%
55.6%	57.9	57.9		0.0%	55.6%	50.9	50.9	0.0			45.1	45.2	0.0	0.2%	55.6%	44.3	44.4	0.1	
			0.0						0.0%	55.6%						44.3 44.2			0.2%
56.8%	57.9	57.8	-0.1	-0.2%	56.8%	50.9	50.9	0.0	0.0%	56.8%	45.0	45.2	0.2	0.4%	56.8%		44.4	0.1	0.3%
58.0%	57.9	57.7	-0.2	-0.3%	58.0%	50.9	50.9	0.0	0.0%	58.0%	45.0	45.2	0.2	0.4%	58.0%	44.1	44.2	0.1	0.2%
59.3%	57.7	57.6	-0.1	-0.2%	59.3%	50.9	50.9	0.0	0.0%	59.3%	44.9	45.1	0.2	0.4%	59.3%	44.0	44.2	0.1	0.3%
60.5%	57.7	57.6	-0.1	-0.2%	60.5%	50.9	50.8	0.0	0.0%	60.5%	44.9	45.1	0.1	0.3%	60.5%	44.0	44.1	0.1	0.3%
61.7%	57.7	57.6	0.0	-0.1%	61.7%	50.7	50.7	-0.1	-0.1%	61.7%	44.9	45.0	0.1	0.3%	61.7%	44.0	44.1	0.1	0.2%
63.0%	57.6	57.5	-0.1	-0.2%	63.0%	50.7	50.6	-0.1	-0.2%	63.0%	44.8	44.9	0.1	0.2%	63.0%	44.0	44.0	0.1	0.2%
64.2%	57.6	57.4	-0.2	-0.3%	64.2%	50.6	50.6	0.0	-0.1%	64.2%	44.8	44.8	0.0	0.1%	64.2%	43.9	43.9	-0.1	-0.1%
65.4%	57.6	57.4	-0.2	-0.3%	65.4%	50.5	50.5	0.0	0.0%	65.4%	44.7	44.8	0.1	0.2%	65.4%	43.8	43.8	0.0	0.0%
66.7%	57.6	57.3	-0.2	-0.4%	66.7%	50.5	50.5	0.0	-0.1%	66.7%	44.7	44.8	0.0	0.1%	66.7%	43.8	43.8	0.0	-0.1%
67.9%	57.5	57.3	-0.2	-0.4%	67.9%	50.5	50.5	0.0	-0.1%	67.9%	44.7	44.7	0.0	0.0%	67.9%	43.6	43.8	0.1	0.3%
69.1%	57.5	57.2	-0.3	-0.5%	69.1%	50.4	50.3	-0.1	-0.2%	69.1%	44.6	44.7	0.1	0.3%	69.1%	43.6	43.6	0.0	0.0%
70.4%	57.5	57.1	-0.4	-0.6%	70.4%	50.4	50.2	-0.2	-0.3%	70.4%	44.6	44.6	0.0	0.1%	70.4%	43.6	43.6	0.0	0.0%
71.6%	57.5	57.1	-0.4	-0.6%	71.6%	50.4	50.2	-0.2	-0.3%	71.6%	44.6	44.6	0.0	0.0%	71.6%	43.5	43.5	0.0	0.1%
72.8%	57.4	57.1	-0.3	-0.6%	72.8%	50.3	50.2	-0.1	-0.1%	72.8%	44.4	44.6	0.1	0.3%	72.8%	43.5	43.5	0.0	0.1%
74.1%	57.2	57.1	-0.1	-0.2%	74.1%	50.2	50.2	0.0	-0.1%	74.1%	44.4	44.5	0.0	0.0%	74.1%	43.4	43.5	0.1	0.2%
75.3%	57.2	57.1	-0.1	-0.2%	75.3%	50.2	50.2	-0.1	-0.1%	75.3%	44.4	44.4	0.0	0.0%	75.3%	43.4	43.5	0.1	0.2%
76.5%	57.1	57.0	-0.1	-0.2%	76.5%	50.2	50.2	-0.1	-0.1%	76.5%	44.3	44.3	0.0	-0.1%	76.5%	43.3	43.5	0.1	0.5%
77.8%	57.1	57.0	0.0	0.0%	77.8%	50.2	50.2	0.0	-0.1%	77.8%	44.2	44.3	0.0	0.1%	77.8%	43.3	43.5	0.2	0.5%
79.0%	57.0	56.8	-0.2	-0.3%	77.8%	50.2	50.1	0.0	0.0%	79.0%	44.2	44.2	0.0	0.1%	79.0%	43.3	43.4	0.2	0.4%
	57.0	56.8					50.1					44.2 44.2				43.3	43.4		0.4%
80.2%			-0.2	-0.4%	80.2%	50.1		-0.1	-0.1%	80.2%	44.2		0.0	0.1%	80.2%			0.1	0.2%
81.5%	56.8	56.7	-0.1	-0.2%	81.5%	50.0	49.9	-0.1	-0.1%	81.5%	44.2	44.1	0.0	0.0%	81.5%	43.0	43.2	0.2	0.4%
82.7%	56.7	56.5	-0.2	-0.3%	82.7%	49.9	49.9	0.0	0.0%	82.7%	44.1	44.1	0.0	0.0%	82.7%	43.0	43.1	0.1	0.3%
84.0%	56.6	56.4	-0.2	-0.4%	84.0%	49.7	49.8	0.1	0.2%	84.0%	43.9	43.9	0.0	0.0%	84.0%	42.9	43.0	0.1	0.2%
85.2%	56.5	56.4	-0.1	-0.2%	85.2%	49.7	49.6	-0.1	-0.1%	85.2%	43.7	43.9	0.2	0.5%	85.2%	42.9	43.0	0.1	0.3%
86.4%	56.4	56.3	-0.1	-0.2%	86.4%	49.6	49.5	-0.1	-0.1%	86.4%	43.7	43.7	0.0	0.1%	86.4%	42.8	43.0	0.2	0.4%
87.7%	56.3	56.3	-0.1	-0.1%	87.7%	49.4	49.5	0.1	0.2%	87.7%	43.6	43.7	0.1	0.2%	87.7%	42.6	42.9	0.3	0.6%
88.9%	56.0	56.0	0.1	0.1%	88.9%	49.4	49.4	0.1	0.2%	88.9%	43.6	43.6	0.1	0.1%	88.9%	42.6	42.8	0.3	0.6%
90.1%	55.9	55.9	0.0	0.0%	90.1%	49.3	49.4	0.1	0.1%	90.1%	43.3	43.6	0.3	0.6%	90.1%	42.6	42.6	0.1	0.2%
91.4%	55.8	55.8	-0.1	-0.2%	91.4%	49.3	49.3	0.1	0.2%	91.4%	43.3	43.6	0.3	0.7%	91.4%	42.5	42.6	0.1	0.3%
92.6%	55.8	55.6	-0.2	-0.3%	92.6%	49.2	49.3	0.1	0.1%	92.6%	43.2	43.6	0.4	0.9%	92.6%	42.5	42.5	0.0	0.1%
93.8%	55.7	55.5	-0.2	-0.4%	93.8%	49.2	49.2	0.0	0.1%	93.8%	43.1	43.4	0.4	0.8%	93.8%	42.4	42.5	0.0	0.1%
95.1%	55.5	55.3	-0.2	-0.4%	95.1%	48.9	48.9	-0.1	-0.1%	95.1%	43.1	43.4	0.4	0.8%	95.1%	42.4	42.3	-0.1	-0.2%
96.3%	55.5	55.2		-0.4%	95.1%	48.8	48.7	-0.1	-0.1%	95.1%	43.0	43.4	0.4	0.9%	95.1%	42.4	42.3	-0.1	0.3%
96.3%	55.5 55.2	55.2 54.8	-0.2 -0.4		96.3%	48.8 48.7	48.7 48.5	-0.1 -0.2	-0.1%	96.3%		43.3	0.3	1.0%	96.3%	42.2 41.9	42.3 41.9	0.1	0.3%
		54.8 54.7		-0.8%			48.5 48.4				42.8								
98.8%	54.7		0.0	0.0%	98.8%	48.6		-0.2	-0.4%	98.8%	42.8	42.3	-0.5	-1.2%	98.8%	41.3	41.5	0.2	0.5%
100.0%	54.7	54.5	0.0	-0.3%	100.0%	47.1	46.7	-0.4	-0.8%	100.0%	41.5	41.6	0.1	0.1%	100.0%	41.3	41.3	0.0	0.0%

Table SQ-11-7b
Sacramento River at Knights Landing, Monthly Temperature
Probability of Exceedance

April

March

February

Percent		rebluary			Percent		March			Percent		Aprii			Percent		iviay		
Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	50.7	50.8	0.0	0.0%	0.0%	57.0	57.0	-0.1	-0.1%	0.0%	62.4	62.9	0.5	0.7%	0.0%	67.7	68.2	0.5	0.7%
1.2%	50.1	50.0	-0.1	-0.2%	1.2%	56.7	56.7	0.0	-0.1%	1.2%	62.2	62.7	0.5	0.8%	1.2%	67.1	67.4	0.3	0.5%
2.5%	50.0	50.0	0.0	0.0%	2.5%	56.1	56.3	0.2	0.4%	2.5%	61.8	62.3	0.4	0.7%	2.5%	66.8	66.9	0.1	0.1%
3.7%	49.8	50.0	0.1	0.3%	3.7%	55.8	56.0	0.2	0.3%	3.7%	61.7	62.0	0.2	0.4%	3.7%	66.7	66.7	0.0	0.0%
4.9%	49.8	49.9	0.1	0.2%	4.9%	55.8	55.8	0.0	-0.1%	4.9%	61.6	61.9	0.3	0.5%	4.9%	66.6	66.6	0.0	0.0%
6.2%	49.7	49.9	0.2	0.3%	6.2%	55.4	55.5	0.1	0.1%	6.2%	61.5	61.7	0.3	0.4%	6.2%	66.3	66.5	0.2	0.2%
7.4%	49.6	49.8	0.1	0.3%	7.4%	54.7	54.6	-0.1	-0.2%	7.4%	61.2	61.6	0.4	0.7%	7.4%	66.3	66.4	0.2	0.2%
8.6%	49.5	49.6	0.2	0.4%	8.6%	54.6	54.6	0.0	0.1%	8.6%	61.2	61.4	0.2	0.3%	8.6%	66.3	66.2	-0.1	-0.2%
9.9%	49.1	49.1	-0.1	-0.1%	9.9%	54.4	54.6	0.2	0.3%	9.9%	61.0	61.4	0.4	0.6%	9.9%	66.3	66.0	-0.2	-0.3%
11.1%	48.7	48.9	0.1	0.3%	11.1%	54.4	54.5	0.1	0.1%	11.1%	60.9	61.2	0.3	0.5%	11.1%	66.1	66.0	-0.1	-0.1%
12.3%	48.6	48.8	0.2	0.3%	12.3%	54.2	54.5	0.3	0.5%	12.3%	60.7	61.0	0.3	0.5%	12.3%	66.1	65.9	-0.1	-0.2%
13.6%	48.5	48.6	0.0	0.1%	13.6%	54.1	54.3	0.1	0.2%	13.6%	60.7	61.0	0.3	0.6%	13.6%	66.0	65.9	-0.2	-0.3%
14.8%	48.5	48.5	0.0	0.1%	14.8%	54.0	54.1	0.1	0.1%	14.8%	60.5	60.9	0.3	0.6%	14.8%	65.8	65.8	0.0	0.0%
16.0%	48.5	48.5	0.0	-0.1%	16.0%	54.0	54.0	0.0	0.1%	16.0%	60.5	60.8	0.3	0.5%	16.0%	65.7	65.8	0.1	0.1%
17.3%	48.3	48.4	0.1	0.2%	17.3%	53.9	54.0	0.1	0.2%	17.3%	59.9	60.7	0.8	1.3%	17.3%	65.7	65.7	0.0	0.1%
18.5%	48.3	48.4	0.1	0.2%	18.5%	53.8	53.9	0.1	0.3%	18.5%	59.9	60.2	0.2	0.4%	18.5%	65.6	65.7	0.0	0.1%
19.8%	48.3	48.3	-0.1	-0.2%	19.8%	53.6	53.9	0.2	0.4%	19.8%	59.7	60.0	0.2	0.4%	19.8%	65.3	65.6	0.4	0.6%
21.0%	48.3	48.3	0.0	-0.1%	21.0%	53.6	53.8	0.2	0.4%	21.0%	59.7	59.9	0.3	0.5%	21.0%	65.1	65.6	0.5	0.8%
22.2%	48.2	48.2	0.0	0.0%	22.2%	53.5	53.5	0.1	0.1%	22.2%	59.5	59.8	0.3	0.5%	22.2%	65.0	65.6	0.6	0.9%
23.5%	48.1	48.2	0.1	0.2%	23.5%	53.3	53.5	0.3	0.5%	23.5%	59.5	59.7	0.2	0.4%	23.5%	65.0	65.1	0.1	0.2%
24.7%	48.1	48.2	0.1	0.3%	24.7%	53.2	53.5	0.3	0.5%	24.7%	59.5	59.7	0.2	0.3%	24.7%	65.0	65.1	0.1	0.2%
25.9%	48.1	48.1	0.0	0.0%	25.9%	53.2	53.4	0.2	0.4%	25.9%	59.4	59.6	0.2	0.4%	25.9%	65.0	65.1	0.1	0.2%
27.2%	48.0	48.1	0.0	0.0%	27.2%	53.2	53.4	0.2	0.4%	27.2%	59.4	59.6	0.2	0.4%	27.2%	64.9	65.1	0.2	0.3%
28.4%	48.0	48.0	0.0	0.1%	28.4%	53.1	53.4	0.3	0.5%	28.4%	59.4	59.6	0.2	0.4%	28.4%	64.9	65.0	0.1	0.2%
29.6%	48.0	48.0	0.0	0.0%	29.6%	53.1	53.3	0.2	0.4%	29.6%	59.4	59.5	0.2	0.3%	29.6%	64.7	64.9	0.1	0.2%
30.9%	47.9	48.0	0.1	0.1%	30.9%	52.9	53.1	0.2	0.4%	30.9%	59.3	59.5	0.2	0.3%	30.9%	64.7	64.8	0.2	0.3%
32.1%	47.8	47.9	0.1	0.1%	32.1%	52.9	53.0	0.1	0.3%	32.1%	59.3	59.4	0.1	0.2%	32.1%	64.5	64.8	0.3	0.5%
33.3%	47.8	47.9	0.1	0.2%	33.3%	52.7	53.0	0.2	0.4%	33.3%	59.2	59.4	0.2	0.3%	33.3%	64.5	64.8	0.3	0.5%
34.6%	47.8	47.8	0.0	0.0%	34.6%	52.7	52.9	0.2	0.4%	34.6%	59.1	59.3	0.2	0.4%	34.6%	64.4	64.7	0.3	0.5%
35.8%	47.7	47.7	0.0	0.1%	35.8%	52.7	52.8	0.1	0.2%	35.8%	58.7	58.9	0.2	0.4%	35.8%	64.4	64.7	0.3	0.5%
37.0%	47.7	47.7	0.0	0.0%	37.0%	52.6	52.7	0.1	0.2%	37.0%	58.7	58.8	0.2	0.3%	37.0%	64.3	64.6	0.3	0.5%
38.3%	47.7	47.7	0.0	0.1%	38.3%	52.5	52.6	0.2	0.3%	38.3%	58.6	58.8	0.2	0.3%	38.3%	64.3	64.4	0.2	0.3%
39.5%	47.7	47.7	0.0	0.0%	39.5%	52.3	52.6	0.2	0.4%	39.5%	58.6	58.8	0.2	0.4%	39.5%	64.2	64.4	0.1	0.2%
40.7%	47.6	47.7	0.1	0.2%	40.7%	52.3	52.5	0.2	0.3%	40.7%	58.5	58.7	0.2	0.4%	40.7%	64.1	64.4	0.2	0.4%
42.0%	47.5	47.6	0.1	0.2%	42.0%	52.3	52.4	0.2	0.3%	42.0%	58.4	58.7	0.2	0.4%	42.0%	64.1	64.4	0.2	0.4%
43.2%	47.5	47.6	0.1	0.2%	43.2%	52.0	52.4	0.4	0.7%	43.2%	58.2	58.6	0.4	0.6%	43.2%	64.1	64.3	0.2	0.4%
44.4%	47.5	47.5	0.0	0.0%	44.4%	52.0	52.3	0.4	0.7%	44.4%	58.1	58.5	0.4	0.6%	44.4%	64.0	64.3	0.3	0.4%
45.7%	47.4	47.4	0.0	-0.1%	45.7%	52.0	52.3	0.3	0.6%	45.7%	58.1	58.4	0.3	0.5%	45.7%	63.9	64.1	0.1	0.2%
46.9%	47.3	47.3	0.0	0.1%	46.9%	52.0	52.1	0.2	0.3%	46.9%	58.1	58.3	0.3	0.5%	46.9%	63.8	64.1	0.2	0.4%
48.1%	47.3	47.3	0.0	0.0%	48.1%	51.9	52.1	0.2	0.4%	48.1%	58.0	58.2	0.2	0.4%	48.1%	63.7	64.0	0.3	0.5%
49.4%	47.2	47.3	0.0	0.1%	49.4%	51.9	52.0	0.2	0.3%	49.4%	57.8	58.2	0.3	0.6%	49.4%	63.7	64.0	0.3	0.5%
50.6%	47.2	47.2	0.1	0.2%	50.6%	51.8	52.0	0.2	0.4%	50.6%	57.8	58.2	0.3	0.6%	50.6%	63.6	63.9	0.3	0.5%
51.9%	47.2	47.1	0.0	-0.1%	51.9%	51.7	52.0	0.3	0.5%	51.9%	57.8	58.0	0.2	0.3%	51.9%	63.6	63.9	0.3	0.4%
53.1%	47.0	47.1	0.0	0.1%	53.1%	51.7	51.9	0.3	0.5%	53.1%	57.8	57.9	0.1	0.2%	53.1%	63.6	63.9	0.3	0.4%
54.3%	47.0	47.1	0.1	0.1%	54.3%	51.7	51.9	0.2	0.5%	54.3%	57.7	57.8	0.1	0.1%	54.3%	63.6	63.9	0.3	0.4%
55.6%	47.0	47.0	0.1	0.1%	55.6%	51.6	51.8	0.2	0.5%	55.6%	57.6	57.8	0.2	0.3%	55.6%	63.5	63.7	0.2	0.3%
56.8%	46.9	47.0	0.1	0.3%	56.8%	51.5	51.6	0.1	0.3%	56.8%	57.5	57.7	0.2	0.4%	56.8%	63.5	63.7	0.2	0.3%
58.0%	46.9	47.0	0.1	0.3%	58.0%	51.4	51.6	0.2	0.4%	58.0%	57.4	57.7	0.3	0.5%	58.0%	63.5	63.7	0.2	0.4%
59.3%	46.9	47.0	0.1	0.2%	59.3%	51.4	51.6	0.2	0.4%	59.3%	57.4	57.6	0.3	0.5%	59.3%	63.4	63.7	0.2	0.4%
60.5%	46.7	46.8	0.1	0.1%	60.5%	51.3	51.4	0.2	0.3%	60.5%	57.3	57.5	0.2	0.3%	60.5%	63.4	63.6	0.2	0.4%
61.7%	46.7	46.8	0.1	0.2%	61.7%	51.2	51.4	0.2	0.4%	61.7%	57.2	57.3	0.2	0.3%	61.7%	63.3	63.6	0.3	0.5%
63.0%	46.7	46.8	0.1	0.2%	63.0%	51.2	51.4	0.2	0.3%	63.0%	57.1	57.3	0.2	0.3%	63.0%	63.3	63.5	0.2	0.4%
64.2%	46.7	46.7	0.1	0.1%	64.2%	51.2	51.3	0.2	0.3%	64.2%	57.0	57.2	0.2	0.4%	64.2%	63.3	63.5	0.2	0.3%
65.4%	46.7	46.7	0.1	0.1%	65.4%	51.2	51.2	0.0	0.0%	65.4%	57.0	57.2	0.2	0.4%	65.4%	63.2	63.4	0.1	0.2%
66.7%	46.6	46.7	0.1	0.2%	66.7%	51.0	51.2	0.2	0.4%	66.7%	56.8	57.2	0.4	0.7%	66.7%	63.2	63.3	0.1	0.2%
67.9%	46.5	46.6	0.1	0.2%	67.9%	50.8	51.1	0.3	0.5%	67.9%	56.8	57.0	0.3	0.4%	67.9%	63.2	63.3	0.1	0.2%
69.1%	46.5	46.5	0.1	0.1%	69.1%	50.7	51.0	0.3	0.6%	69.1%	56.7	56.8	0.1	0.2%	69.1%	63.2	63.2	0.0	0.1%
70.4%	46.4	46.5	0.0	0.1%	70.4%	50.7	51.0	0.3	0.6%	70.4%	56.5	56.7	0.1	0.2%	70.4%	63.1	63.2	0.1	0.2%
71.6%	46.4	46.4	0.0	-0.1%	71.6%	50.7	50.8	0.2	0.3%	71.6%	56.4	56.5	0.1	0.2%	71.6%	63.0	63.2	0.1	0.2%
72.8%	46.3	46.3	0.0	-0.1%	72.8%	50.5	50.7	0.2	0.4%	72.8%	56.3	56.4	0.1	0.2%	72.8%	63.0	63.1	0.1	0.2%
74.1%	46.3	46.3	0.0	0.0%	74.1%	50.4	50.6	0.2	0.4%	74.1%	56.3	56.3	0.0	0.0%	74.1%	62.8	62.9	0.1	0.1%
75.3%	46.1	46.1	0.0	0.1%	75.3%	50.4	50.5	0.1	0.2%	75.3%	56.2	56.3	0.0	0.1%	75.3%	62.8	62.8	0.0	0.0%
76.5%	46.0	46.0	0.1	0.1%	76.5%	50.4	50.5	0.1	0.2%	76.5%	56.0	56.2	0.3	0.5%	76.5%	62.7	62.7	0.0	0.0%
77.8%	45.9	46.0	0.1	0.2%	77.8%	49.9	50.0	0.1	0.2%	77.8%	55.5	55.6	0.2	0.3%	77.8%	62.7	62.5	-0.2	-0.2%
79.0%	45.9	45.9	0.0	0.0%	79.0%	49.7	49.8	0.1	0.3%	79.0%	55.4	55.5	0.1	0.2%	79.0%	62.6	62.4	-0.2	-0.3%
80.2%	45.8	45.9	0.1	0.2%	80.2%	49.7	49.8	0.1	0.2%	80.2%	55.3	55.4	0.2	0.3%	80.2%	62.6	62.3	-0.3	-0.5%
81.5%	45.8	45.8	0.0	0.1%	81.5%	49.6	49.7	0.1	0.2%	81.5%	55.2	55.4	0.3	0.5%	81.5%	62.4	62.2	-0.3	-0.4%
82.7%	45.6	45.8	0.2	0.5%	82.7%	49.6	49.7	0.1	0.1%	82.7%	55.2	55.4	0.3	0.5%	82.7%	62.2	62.1	0.0	-0.1%
84.0%	45.6	45.6	0.0	0.1%	84.0%	49.5	49.6	0.1	0.3%	84.0%	55.2	55.4	0.2	0.4%	84.0%	62.1	62.0	-0.1	-0.1%
85.2%	45.5	45.6	0.1	0.2%	85.2%	49.4	49.5	0.1	0.1%	85.2%	55.1	55.2	0.1	0.2%	85.2%	61.7	61.8	0.1	0.1%
86.4%	45.5	45.5	0.1	0.1%	86.4%	49.2	49.4	0.2	0.3%	86.4%	54.9	54.9	0.0	0.1%	86.4%	61.7	61.7	0.0	0.0%
87.7%	45.4	45.5	0.1	0.1%	87.7%	49.1	49.3	0.2	0.5%	87.7%	54.8	54.9	0.1	0.2%	87.7%	61.6	61.6	0.0	0.0%
88.9%	45.4	45.4	0.0	0.1%	88.9%	49.1	49.3	0.2	0.5%	88.9%	54.7	54.7	0.0	0.0%	88.9%	60.9	61.2	0.2	0.4%
90.1%	45.3	45.4	0.0	0.1%	90.1%	49.0	49.1	0.1	0.1%	90.1%	54.5	54.7	0.1	0.2%	90.1%	60.9	61.1	0.2	0.3%
91.4%	45.3	45.4	0.0	0.1%	91.4%	49.0	49.1	0.1	0.2%	91.4%	54.2	54.2	0.0	0.0%	91.4%	60.9	61.0	0.1	0.2%
92.6%	45.3	45.2	0.0	-0.1%	92.6%	48.9	49.0	0.1	0.3%	92.6%	53.9	53.9	0.0	0.0%	92.6%	60.8	60.9	0.1	0.2%
93.8%	45.1	45.2	0.1	0.1%	93.8%	48.8	49.0	0.2	0.5%	93.8%	53.8	53.8	0.0	0.0%	93.8%	60.8	60.6	-0.2	-0.4%
95.1%	45.0	45.0	0.1	0.1%	95.1%	48.6	48.6	0.0	0.0%	95.1%	53.6	53.6	0.0	0.0%	95.1%	60.5	60.5	0.0	-0.1%
96.3%	44.9	44.9	0.1	0.2%	96.3%	48.4	48.4	0.1	0.1%	96.3%	53.1	53.4	0.3	0.6%	96.3%	60.4	60.4	0.0	0.1%
97.5%	44.5	44.6	0.0	0.1%	97.5%	48.3	48.3	0.0	0.0%	97.5%	52.3	52.3	0.0	0.0%	97.5%	60.1	60.1	0.0	0.0%
98.8%	44.2	44.2	0.0	-0.1%	98.8%	48.0	48.0	0.0	0.0%	98.8%	50.9	50.9	0.0	0.0%	98.8%	59.7	59.6	-0.1	-0.1%
100.0%	43.8	43.8	0.0	0.0%	100.0%	48.0	48.0	0.0	0.0%	100.0%	49.8	49.8	0.0	0.0%	100.0%	56.5	56.5	0.0	0.0%

Table SQ-11-7b
Sacramento River at Knights Landing, Monthly Temperature
Probability of Exceedance

									Probability	of Exceedance									
Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative		Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative		Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative
Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)
0.0%	(DEG-F) 71.3	(DEG-F) 71.1	-0.2	-0.2%		(DEG-F) 75.5	(DEG-F) 74.4	-1.1	-1.5%		(DEG-F) 74.4	(DEG-F) 73.5	-0.8	-1.1%		(DEG-F) 71.0	(DEG-F) 69.6	-1.4	-1.9%
1.2%	70.9	70.4	-0.5	-0.8%	1.2%	73.9	72.9	-1.1	-1.4%	1.2%	74.3	73.1	-1.2	-1.6%	1.2%	70.1	69.3	-0.8	-1.1%
2.5%	70.0	69.9	-0.1	-0.2%	2.5%	73.2	72.7	-0.5	-0.7%	2.5%	74.2	72.5	-1.7	-2.3%	2.5%	69.6	69.2	-0.4	-0.6%
3.7%	70.0	69.8	-0.2	-0.3%	3.7%	73.0	72.4	-0.5	-0.7%	3.7%	73.8	72.3	-1.6	-2.1%	3.7%	69.6	69.0	-0.6	-0.8%
4.9% 6.2%	70.0 70.0	69.8 69.7	-0.2 -0.3	-0.3% -0.4%	4.9% 6.2%	72.8 72.7	72.4 72.0	-0.4 -0.7	-0.6% -1.0%	4.9% 6.2%	73.6 72.7	72.2 71.8	-1.4 -0.9	-1.9% -1.2%	4.9% 6.2%	69.3 68.8	68.7 68.4	-0.6 -0.4	-0.8% -0.6%
7.4%	69.9	69.6	-0.3	-0.4%	7.4%	72.5	71.8	-0.7	-0.9%	7.4%	72.6	71.5	-1.1	-1.6%	7.4%	68.5	68.4	-0.4	-0.0%
8.6%	69.7	69.6	-0.1	-0.1%	8.6%	72.3	71.8	-0.5	-0.7%	8.6%	72.3	71.4	-0.9	-1.2%	8.6%	68.4	68.2	-0.3	-0.4%
9.9%	69.7	69.5	-0.2	-0.3%	9.9%	72.2	71.8	-0.4	-0.6%	9.9%	71.7	71.3	-0.4	-0.6%	9.9%	68.3	67.7	-0.7	-1.0%
11.1%	69.6 69.4	69.3 69.0	-0.3	-0.5% -0.6%	11.1% 12.3%	72.0 71.9	71.6 71.3	-0.4 -0.6	-0.5% -0.8%	11.1%	71.6 71.5	71.3 71.2	-0.3	-0.4% -0.5%	11.1% 12.3%	68.3 68.1	67.3 67.3	-0.9	-1.4%
12.3% 13.6%	69.4	69.0	-0.4 -0.4	-0.5%	13.6%	71.9	71.3	-0.6	-0.8%	12.3% 13.6%	71.5	71.2	-0.3 -0.3	-0.5%	13.6%	67.7	67.3	-0.8 -0.4	-1.2% -0.6%
14.8%	69.3	68.9	-0.4	-0.6%	14.8%	71.7	71.2	-0.5	-0.7%	14.8%	71.4	71.2	-0.3	-0.4%	14.8%	67.7	67.2	-0.4	-0.7%
16.0%	69.2	68.7	-0.5	-0.7%	16.0%	71.7	71.2	-0.5	-0.7%	16.0%	71.4	71.2	-0.3	-0.4%	16.0%	67.5	67.1	-0.4	-0.7%
17.3%	69.1	68.6	-0.5	-0.7%	17.3%	71.7	70.8	-0.9	-1.2%	17.3%	71.4	70.9	-0.5	-0.8%	17.3%	67.5	67.1	-0.4	-0.7%
18.5% 19.8%	69.1 69.1	68.6 68.6	-0.5 -0.5	-0.7% -0.8%	18.5% 19.8%	71.7 71.5	70.6 70.5	-1.0 -1.0	-1.5% -1.4%	18.5% 19.8%	71.4 71.4	70.8 70.8	-0.6 -0.6	-0.9% -0.9%	18.5% 19.8%	67.5 67.5	67.0 66.9	-0.4 -0.5	-0.7% -0.8%
21.0%	69.0	68.6	-0.5	-0.7%	21.0%	71.5	70.5	-0.9	-1.3%	21.0%	71.4	70.7	-0.6	-0.9%	21.0%	67.4	66.9	-0.5	-0.8%
22.2%	69.0	68.4	-0.5	-0.8%	22.2%	71.5	70.5	-1.0	-1.3%	22.2%	71.4	70.7	-0.7	-1.0%	22.2%	67.4	66.9	-0.5	-0.8%
23.5%	68.9	68.3	-0.6	-0.9%	23.5%	71.4	70.5	-0.9	-1.3%	23.5%	71.4	70.7	-0.7	-1.0%	23.5%	67.3	66.8	-0.6	-0.8%
24.7% 25.9%	68.9 68.8	68.3 68.2	-0.6 -0.6	-0.9% -0.9%	24.7% 25.9%	71.3 71.3	70.4 70.4	-1.0 -1.0	-1.4% -1.4%	24.7% 25.9%	71.2 71.1	70.6 70.6	-0.6 -0.6	-0.9% -0.8%	24.7% 25.9%	67.2 67.2	66.6 66.6	-0.6 -0.6	-0.8% -1.0%
27.2%	68.8	68.2	-0.6	-0.9%	27.2%	71.3	70.4	-1.0	-1.3%	27.2%	71.0	70.5	-0.5	-0.7%	27.2%	67.1	66.5	-0.6	-0.8%
28.4%	68.7	68.1	-0.6	-0.8%	28.4%	71.2	70.3	-0.9	-1.3%	28.4%	71.0	70.5	-0.5	-0.7%	28.4%	66.8	66.5	-0.3	-0.4%
29.6%	68.7	68.1	-0.6	-0.9%	29.6%	71.1	70.3	-0.8	-1.2%	29.6%	71.0	70.4	-0.5	-0.7%	29.6%	66.8	66.5	-0.3	-0.4%
30.9%	68.7 68.6	67.9 67.8	-0.7 -0.8	-1.1% -1.2%	30.9% 32.1%	71.1 71.0	70.2 70.2	-0.8 -0.8	-1.2% -1.1%	30.9% 32.1%	71.0 70.9	70.4 70.3	-0.6 -0.6	-0.8% -0.8%	30.9% 32.1%	66.8 66.7	66.5 66.4	-0.3 -0.3	-0.5% -0.5%
33.3%	68.6	67.8	-0.8	-1.1%	33.3%	71.0	70.2	-0.8	-1.1%	33.3%	70.9	70.3	-0.5	-0.7%	32.1%	66.7	66.4	-0.3	-0.5%
34.6%	68.5	67.8	-0.7	-1.1%	34.6%	70.9	70.1	-0.8	-1.1%	34.6%	70.7	70.2	-0.5	-0.7%	34.6%	66.6	66.3	-0.4	-0.5%
35.8%	68.4	67.7	-0.7	-1.0%	35.8%	70.9	70.1	-0.8	-1.1%	35.8%	70.7	70.1	-0.6	-0.8%	35.8%	66.4	66.0	-0.4	-0.6%
37.0%	68.4	67.7	-0.7	-1.0%	37.0%	70.9	70.1	-0.8	-1.2%	37.0%	70.7	70.0	-0.7	-0.9%	37.0%	66.4	66.0	-0.4	-0.5%
38.3% 39.5%	67.9 67.9	67.7 67.6	-0.3 -0.3	-0.4% -0.4%	38.3% 39.5%	70.8 70.7	70.1 70.0	-0.7 -0.7	-1.0% -1.0%	38.3% 39.5%	70.7 70.5	70.0 70.0	-0.6 -0.5	-0.9% -0.7%	38.3% 39.5%	66.3 66.3	65.9 65.9	-0.4 -0.4	-0.6% -0.6%
40.7%	67.8	67.6	-0.2	-0.3%	40.7%	70.7	69.9	-0.8	-1.1%	40.7%	70.4	70.0	-0.5	-0.6%	40.7%	66.0	65.9	-0.1	-0.1%
42.0%	67.8	67.5	-0.3	-0.4%	42.0%	70.5	69.8	-0.7	-0.9%	42.0%	70.4	69.9	-0.5	-0.8%	42.0%	65.9	65.8	-0.1	-0.1%
43.2%	67.7	67.4	-0.3	-0.4%	43.2%	70.5	69.8	-0.6	-0.9%	43.2%	70.4	69.9	-0.5	-0.7%	43.2%	65.9	65.6	-0.2	-0.4%
44.4%	67.7	67.3	-0.4 -0.4	-0.6%	44.4%	70.4	69.8 69.7	-0.6	-0.9%	44.4%	70.3	69.8 69.8	-0.5	-0.7%	44.4%	65.8	65.5 65.5	-0.3	-0.5%
45.7% 46.9%	67.7 67.6	67.3 67.3	-0.4	-0.6% -0.5%	45.7% 46.9%	70.3 70.3	69.7	-0.6 -0.6	-0.8% -0.8%	45.7% 46.9%	70.3 70.3	69.8	-0.5 -0.5	-0.7% -0.7%	45.7% 46.9%	65.8 65.7	65.5	-0.3 -0.2	-0.4% -0.3%
48.1%	67.6	67.3	-0.3	-0.4%	48.1%	70.2	69.7	-0.5	-0.7%	48.1%	70.2	69.8	-0.4	-0.6%	48.1%	65.7	65.5	-0.2	-0.3%
49.4%	67.5	67.3	-0.3	-0.4%	49.4%	70.2	69.6	-0.5	-0.8%	49.4%	70.2	69.7	-0.5	-0.8%	49.4%	65.6	65.4	-0.2	-0.4%
50.6%	67.5	67.2	-0.3	-0.5%	50.6%	70.1	69.5	-0.6	-0.9%	50.6%	70.2	69.6	-0.6	-0.8%	50.6%	65.6	65.4	-0.3	-0.4%
51.9% 53.1%	67.5 67.5	67.2 67.2	-0.3 -0.3	-0.4% -0.4%	51.9% 53.1%	70.1 70.1	69.5 69.5	-0.6 -0.6	-0.9% -0.9%	51.9% 53.1%	70.1 70.1	69.5 69.5	-0.6 -0.6	-0.8% -0.8%	51.9% 53.1%	65.6 65.6	65.3 65.3	-0.3 -0.3	-0.4% -0.4%
54.3%	67.4	67.2	-0.2	-0.4%	54.3%	70.1	69.5	-0.5	-0.7%	54.3%	70.1	69.5	-0.5	-0.7%	54.3%	65.5	65.3	-0.2	-0.4%
55.6%	67.3	67.1	-0.2	-0.3%	55.6%	70.0	69.4	-0.6	-0.8%	55.6%	70.0	69.5	-0.5	-0.7%	55.6%	65.5	65.3	-0.2	-0.4%
56.8%	67.2	67.1	-0.1	-0.2%	56.8%	69.9	69.3	-0.7	-1.0%	56.8%	70.0	69.5	-0.5	-0.7%	56.8%	65.4	65.2	-0.2	-0.3%
58.0% 59.3%	67.2 67.1	67.1 67.1	-0.1 -0.1	-0.2% -0.1%	58.0% 59.3%	69.9 69.9	69.2 69.1	-0.7 -0.8	-1.0% -1.1%	58.0% 59.3%	69.9 69.8	69.5 69.3	-0.5 -0.4	-0.7% -0.6%	58.0% 59.3%	65.4 65.4	65.1 65.1	-0.3 -0.3	-0.4% -0.4%
60.5%	67.1	67.0	-0.1	-0.1%	60.5%	69.8	69.0	-0.8	-1.1%	60.5%	69.7	69.2	-0.4	-0.7%	60.5%	65.1	65.1	-0.3	-0.4%
61.7%	67.1	67.0	-0.1	-0.1%	61.7%	69.8	69.0	-0.8	-1.1%	61.7%	69.5	69.2	-0.3	-0.4%	61.7%	65.0	65.0	0.0	0.0%
63.0%	67.1	66.9	-0.2	-0.2%	63.0%	69.8	69.0	-0.8	-1.2%	63.0%	69.4	69.1	-0.3	-0.4%	63.0%	65.0	65.0	0.0	0.0%
64.2%	67.0	66.8	-0.2	-0.3%	64.2%	69.8	68.9 68.8	-1.0	-1.4%	64.2%	69.4	69.1	-0.3	-0.4%	64.2%	64.9 64.8	64.9 64.9	0.1	0.1%
65.4% 66.7%	67.0 67.0	66.8 66.8	-0.2 -0.2	-0.3% -0.3%	65.4% 66.7%	69.8 69.8	68.8	-1.0 -1.0	-1.5% -1.4%	65.4% 66.7%	69.4 69.3	69.1 69.1	-0.2 -0.2	-0.4% -0.3%	65.4% 66.7%	64.8	64.8	0.0 0.2	0.0%
67.9%	66.9	66.8	-0.2	-0.2%	67.9%	69.8	68.7	-1.0	-1.5%	67.9%	69.2	69.0	-0.2	-0.3%	67.9%	64.5	64.6	0.2	0.2%
69.1%	66.8	66.8	-0.1	-0.1%	69.1%	69.7	68.6	-1.0	-1.5%	69.1%	69.2	68.9	-0.2	-0.3%	69.1%	64.4	64.5	0.1	0.1%
70.4%	66.8	66.7	-0.1	-0.1%	70.4%	69.6	68.6	-1.1	-1.6%	70.4%	69.1	68.4	-0.6	-0.9%	70.4%	64.4	64.5	0.1	0.1%
71.6% 72.8%	66.7 66.6	66.6 66.6	-0.1 0.0	-0.2% 0.0%	71.6% 72.8%	69.6 69.6	68.6 68.4	-1.1 -1.2	-1.5% -1.7%	71.6% 72.8%	69.0 69.0	68.4 68.2	-0.7 -0.8	-1.0% -1.1%	71.6% 72.8%	64.3 64.3	64.5 64.3	0.2 0.1	0.2%
74.1%	66.6	66.5	-0.1	-0.1%	74.1%	69.5	68.4	-1.2	-1.7%	72.6%	69.0	68.2	-0.8	-1.1%	74.1%	64.3	64.3	-0.1	-0.1%
75.3%	66.5	66.4	-0.1	-0.2%	75.3%	69.4	68.4	-1.1	-1.6%	75.3%	68.9	68.2	-0.8	-1.1%	75.3%	64.3	64.0	-0.2	-0.4%
76.5%	66.5	66.4	-0.2	-0.2%	76.5%	69.4	68.3	-1.1	-1.6%	76.5%	68.7	68.1	-0.7	-1.0%	76.5%	64.0	64.0	0.0	0.0%
77.8%	66.5	66.4 66.3	-0.1	-0.2%	77.8%	69.4 69.4	68.3 68.2	-1.1	-1.6%	77.8%	68.4	68.1 68.0	-0.4	-0.5% -0.4%	77.8%	63.9	63.8 63.7	-0.1	-0.2%
79.0% 80.2%	66.5 66.4	66.2	-0.2 -0.2	-0.2% -0.3%	79.0% 80.2%	69.4	68.1	-1.2 -1.3	-1.7% -1.8%	79.0% 80.2%	68.3 68.2	68.0	-0.3 -0.2	-0.4%	79.0% 80.2%	63.8 63.7	63.7	-0.1 0.0	-0.2% 0.0%
81.5%	66.3	66.2	-0.2	-0.2%	81.5%	69.1	68.0	-1.1	-1.6%	81.5%	68.2	68.0	-0.2	-0.3%	81.5%	63.7	63.5	-0.1	-0.2%
82.7%	66.3	66.1	-0.2	-0.3%	82.7%	68.9	68.0	-0.9	-1.3%	82.7%	68.2	67.9	-0.3	-0.4%	82.7%	63.6	63.4	-0.2	-0.3%
84.0%	66.3	66.0	-0.2	-0.4%	84.0%	68.9	68.0	-0.9	-1.3%	84.0%	68.1	67.7	-0.4	-0.6%	84.0%	63.5	63.4	-0.1	-0.1%
85.2% 86.4%	66.2 66.1	65.9 65.7	-0.3 -0.4	-0.5% -0.6%	85.2% 86.4%	68.9 68.6	68.0 68.0	-0.9 -0.7	-1.3% -1.0%	85.2% 86.4%	68.1 68.1	67.7 67.7	-0.4	-0.6% -0.6%	85.2% 86.4%	63.4 63.4	63.2 63.0	-0.2 -0.4	-0.4% -0.6%
86.4% 87.7%	66.0	65.6	-0.4	-0.6%	85.4%	68.5	67.9	-0.7	-1.0%	86.4% 87.7%	68.1	67.5	-0.4 -0.5	-0.6%	85.4% 87.7%	63.4	62.9	-0.4	-0.6%
88.9%	65.9	65.5	-0.4	-0.6%	88.9%	68.5	67.5	-1.0	-1.5%	88.9%	68.0	67.5	-0.5	-0.7%	88.9%	63.2	62.9	-0.4	-0.6%
90.1%	65.6	65.4	-0.2	-0.3%	90.1%	68.2	67.5	-0.7	-1.0%	90.1%	67.9	67.5	-0.4	-0.6%	90.1%	62.9	62.7	-0.3	-0.4%
91.4%	65.3	65.2	-0.1	-0.1%	91.4%	67.9	67.2	-0.7	-1.1%	91.4%	67.8	67.3	-0.5	-0.7%	91.4%	62.8	62.5	-0.3	-0.5%
92.6% 93.8%	65.2 65.1	65.1 64.6	0.0 -0.5	-0.1% -0.7%	92.6% 93.8%	67.9 67.6	67.1 66.9	-0.8 -0.7	-1.2% -1.0%	92.6% 93.8%	67.7 67.7	67.2 67.1	-0.5 -0.5	-0.8% -0.8%	92.6% 93.8%	62.8 62.5	62.4 62.3	-0.5 -0.2	-0.7% -0.3%
95.1%	65.0	64.5	-0.5	-0.7%	95.1%	67.5	66.8	-0.7	-1.0% -1.0%	95.1%	67.5	67.1	-0.5	-0.8%	95.1%	62.5	62.0	-0.2	-0.4%
96.3%	64.3	64.4	0.2	0.3%	96.3%	67.0	66.7	-0.2	-0.3%	96.3%	67.5	67.1	-0.4	-0.6%	96.3%	62.1	61.7	-0.5	-0.8%
97.5%	64.2	64.2	0.0	0.1%	97.5%	66.9	66.7	-0.2	-0.4%	97.5%	67.3	66.5	-0.8	-1.2%	97.5%	61.9	61.4	-0.5	-0.8%
98.8%	64.1	63.9	-0.2	-0.3%	98.8%	66.9	65.9	-1.0	-1.5%	98.8%	66.8	66.1	-0.7	-1.1%	98.8%	61.7	61.3	-0.5	-0.8%
100.0%	63.5	63.5	0.0	-0.1%	100.0%	66.8	65.8	-1.0	-1.5%	100.0%	66.1	65.8	-0.3	-0.4%	100.0%	60.8	60.3	-0.5	-0.8%

Table SQ-12-7a
Sacramento River at American River, Monthly Temperature
Long-term Average and Average by Water Year Type

·					Mon	thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	61.0	53.2	45.9	45.0	49.6	54.4	60.6	66.0	70.2	72.2	71.8	67.9
Alternative C	60.9	53.2	45.9	45.0	49.7	54.6	60.7	66.0	70.2	71.9	71.5	67.6
Difference	-0.2	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	-0.3	-0.3	-0.3
Percent Difference ³	-0.3%	0.0%	0.1%	0.1%	0.1%	0.2%	0.1%	0.1%	0.0%	-0.4%	-0.4%	-0.49
				Water Y	ear Types	2						
Wet (32%)												
No Action Alternative	60.5	53.7	46.4	45.8	49.5	53.3	58.5	64.2	68.8	72.3	71.7	66.0
Alternative C	60.3	53.8	46.5	45.9	49.5	53.3	58.5	64.2	68.7	72.1	71.7	65.8
Difference	-0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	0.0	-0.2
Percent Difference	-0.3%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.3%	0.0%	-0.39
Above Normal (15%)												
No Action Alternative	60.4	52.1	45.7	45.1	49.4	54.0	60.5	66.2	70.4	71.3	70.9	66.9
Alternative C	60.1	52.1	45.7	45.2	49.5	54.1	60.5	66.2	70.5	70.8	70.8	66.9
Difference	-0.3	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	-0.5	0.0	0.0
Percent Difference	-0.4%	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%	0.1%	-0.7%	-0.1%	0.0%
Below Normal (17%)												
No Action Alternative	60.8	53.1	45.9	44.3	48.9	54.5	61.0	66.0	70.4	71.8	71.9	69.3
Alternative C	60.5	53.1	45.9	44.4	49.0	54.7	61.0	66.0	70.5	71.5	71.8	68.9
Difference	-0.2	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.1	-0.3	-0.1	-0.4
Percent Difference	-0.3%	0.0%	0.0%	0.1%	0.1%	0.4%	0.0%	0.1%	0.1%	-0.4%	-0.2%	-0.6%
Dry (22%)												
No Action Alternative	61.2	53.1	45.8	44.1	49.6	55.1	61.9	67.2	71.5	71.9	71.4	69.0
Alternative C	61.1	53.1	45.9	44.2	49.6	55.4	62.1	67.2	71.5	71.6	70.9	68.5
Difference	-0.1	0.0	0.1	0.0	0.0	0.2	0.2	0.1	0.0	-0.3	-0.5	-0.5
Percent Difference	-0.2%	0.0%	0.2%	0.0%	0.1%	0.4%	0.3%	0.1%	0.0%	-0.5%	-0.7%	-0.79
Critical (15%)		,	,				_	,			,	
No Action Alternative	62.9	52.9	44.7	44.7	50.8	55.9	62.8	67.6	70.6	73.6	73.3	69.9
Alternative C	62.8	52.9	44.8	44.8	50.9	56.1	62.8	67.6	70.6	73.4	72.3	69.6
Difference	-0.1	0.0	0.1	0.1	0.1	0.2	0.0	0.1	0.0	-0.3	-1.0	-0.3
Percent Difference	-0.1%	0.0%	0.1%	0.2%	0.2%	0.3%	0.0%	0.1%	0.0%	-0.4%	-1.3%	-0.49

1 Based on the 82-year simulation period

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



Figure SQ-12-7b Sacramento River at American River, Monthly Temperature Probability of Exceedance

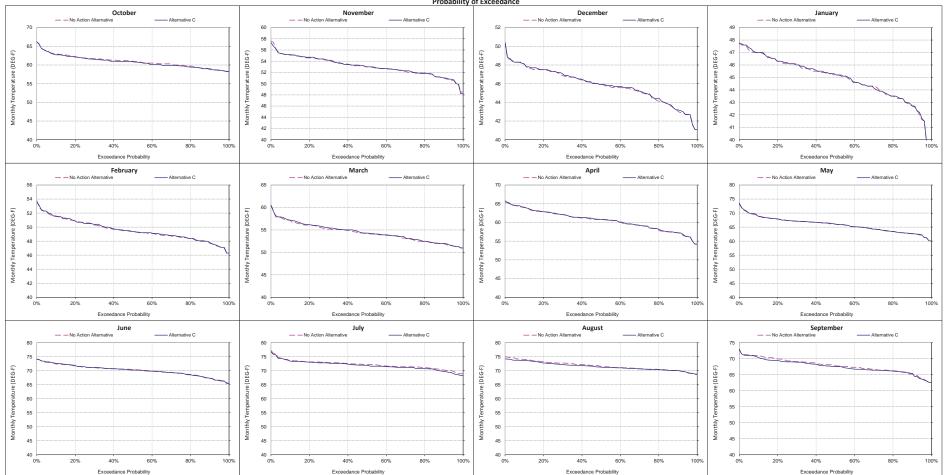


Table SQ-12-7b Sacramento River at American River, Monthly Temperature Probability of Exceedance

December

January

November

October

Percent		October			Percent					Percent					Percent				
Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)				(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	66.2	66.2	0.0	0.0%	0.0%	57.6	57.3	-0.3	-0.5%	0.0%	50.4	50.4	0.0	0.0%	0.0%	47.8	47.7	-0.1	-0.2%
1.2%	65.6	65.5	-0.1	-0.2%	1.2%	57.4	56.7	-0.7	-1.2%	1.2%	48.7	48.8	0.1	0.2%	1.2%	47.6	47.7	0.1	0.2%
2.5%	64.4	64.4	0.0	0.0%	2.5%	56.2	56.3	0.1	0.2%	2.5%	48.6	48.7	0.1	0.2%	2.5%	47.6	47.6	0.0	0.0%
3.7%	64.1	64.1	0.0	0.0%	3.7%	55.7	55.5	-0.2	-0.4%	3.7%	48.5	48.4	-0.1	-0.2%	3.7%	47.5	47.6	0.1	0.2%
4.9%	63.8	63.7	-0.1	-0.2%	4.9%	55.4	55.4	0.0	0.0%	4.9%	48.3	48.3	0.0	0.0%	4.9%	47.2	47.4	0.2	0.4%
6.2%	63.4	63.6	0.2	0.3%	6.2%	55.3	55.3	0.0	0.0%	6.2%	48.3	48.3	0.0	0.0%	6.2%	47.1	47.3	0.2	0.4%
7.4%	63.2	63.1	-0.1	-0.2%	7.4%	55.2	55.2	0.0	0.0%	7.4%	48.3	48.3	0.0	0.0%	7.4%	47.0	47.1	0.1	0.2%
8.6%	63.1	62.9	-0.2	-0.3%	8.6%	55.1	55.2	0.1	0.2%	8.6%	48.3	48.2	-0.1	-0.2%	8.6%	47.0	47.0	0.0	0.0%
9.9%	62.9	62.7	-0.2	-0.3%	9.9%	55.1	55.2	0.1	0.2%	9.9%	48.1	48.1	0.0	0.0%	9.9%	47.0	47.0	0.0	0.0%
11.1%	62.9	62.7	-0.2	-0.3%	11.1%	55.1	55.1	0.0	0.0%	11.1%	47.8	47.8	0.0	0.0%	11.1%	47.0	47.0	0.0	0.0%
12.3%	62.8	62.7	-0.1	-0.2%	12.3%	55.1	55.1	0.0	0.0%	12.3%	47.6	47.8	0.2	0.4%	12.3%	46.9	47.0	0.1	0.2%
13.6%	62.8	62.6	-0.2	-0.3%	13.6%	55.0	54.9	-0.1	-0.2%	13.6%	47.6	47.7	0.1	0.2%	13.6%	46.8	46.8	0.0	0.0%
14.8%	62.7	62.5	-0.2	-0.3%	14.8%	54.9	54.9	0.0	0.0%	14.8%	47.5	47.7	0.2	0.4%	14.8%	46.7	46.6	-0.1	-0.2%
16.0%	62.6	62.3	-0.3	-0.5%	16.0%	54.8	54.8	0.0	0.0%	16.0%	47.5	47.7	0.2	0.4%	16.0%	46.6	46.6	0.0	0.0%
17.3%	62.4	62.3	-0.1	-0.2%	17.3%	54.7	54.8	0.1	0.2%	17.3%	47.5	47.6	0.1	0.2%	17.3%	46.5	46.5	0.0	0.0%
18.5%	62.4	62.3	-0.1	-0.2%	18.5%	54.6	54.7	0.1	0.2%	18.5%	47.5	47.5	0.0	0.0%	18.5%	46.5	46.5	0.0	0.0%
19.8%	62.3	62.1	-0.2	-0.3%	19.8%	54.6	54.7	0.1	0.2%	19.8%	47.5	47.5	0.0	0.0%	19.8%	46.3	46.3	0.0	0.0%
21.0%	62.1	62.1	0.0	0.0%	21.0%	54.6	54.7	0.1	0.2%	21.0%	47.5	47.5	0.0	0.0%	21.0%	46.3	46.3	0.0	0.0%
22.2%	62.0	62.0	0.0	0.0%	22.2%	54.6	54.7	0.1	0.2%	22.2%	47.4	47.5	0.1	0.2%	22.2%	46.2	46.3	0.1	0.2%
23.5%	61.9	61.9	0.0	0.0%	23.5%	54.5	54.5	0.0	0.0%	23.5%	47.4	47.3	-0.1	-0.2%	23.5%	46.1	46.2	0.1	0.2%
24.7%	61.9	61.8	-0.1	-0.2%	24.7%	54.4	54.4	0.0	0.0%	24.7%	47.3	47.3	0.0	0.0%	24.7%	46.1	46.2	0.1	0.2%
25.9%	61.8	61.7	-0.1	-0.2%	25.9%	54.4	54.4	0.0	0.0%	25.9%	47.3	47.3	0.0	0.0%	25.9%	46.1	46.1	0.0	0.0%
27.2%	61.8	61.6	-0.2	-0.3%	27.2%	54.4	54.4	0.0	0.0%	27.2%	47.2	47.2	0.0	0.0%	27.2%	46.1	46.1	0.0	0.0%
28.4%	61.7	61.6	-0.1	-0.2%	28.4%	54.3	54.2	-0.1	-0.2%	28.4%	47.0	47.2	0.2	0.4%	28.4%	46.1	46.1	0.0	0.0%
29.6%	61.7	61.5	-0.2	-0.3%	29.6%	54.2	54.2	0.0	0.0%	29.6%	46.9	47.1	0.2	0.4%	29.6%	46.1	46.0	-0.1	-0.2%
30.9%	61.7	61.5	-0.2	-0.3%	30.9%	54.2	54.1	-0.1	-0.2%	30.9%	46.8	46.9	0.1	0.2%	30.9%	46.0	46.0	0.0	0.0%
32.1%	61.6	61.4	-0.2	-0.3%	32.1%	54.1	53.9	-0.2	-0.4%	32.1%	46.8	46.9	0.1	0.2%	32.1%	45.8	45.9	0.1	0.2%
33.3%	61.6	61.4	-0.2	-0.3%	33.3%	53.8	53.8	0.0	0.0%	33.3%	46.7	46.8	0.1	0.2%	33.3%	45.7	45.9	0.2	0.4%
34.6%	61.4	61.3	-0.1	-0.2%	34.6%	53.7	53.7	0.0	0.0%	34.6%	46.7	46.7	0.0	0.0%	34.6%	45.7	45.8	0.1	0.2%
35.8%	61.4	61.3	-0.1	-0.2%	35.8%	53.6	53.7	0.1	0.2%	35.8%	46.7	46.7	0.0	0.0%	35.8%	45.7	45.7	0.0	0.0%
37.0%	61.4	61.3	-0.1	-0.2%	37.0%	53.6	53.6	0.0	0.0%	37.0%	46.6	46.6	0.0	0.0%	37.0%	45.6	45.7	0.1	0.2%
38.3%	61.3	61.0	-0.3	-0.5%	38.3%	53.5	53.4	-0.1	-0.2%	38.3%	46.5	46.5	0.0	0.0%	38.3%	45.5	45.7	0.2	0.4%
39.5%	61.3	61.0	-0.3	-0.5%	39.5%	53.5	53.4	-0.1	-0.2%	39.5%	46.4	46.5	0.1	0.2%	39.5%	45.5	45.6	0.1	0.2%
40.7%	61.3	61.0	-0.3	-0.5%	40.7%	53.4	53.4	0.0	0.0%	40.7%	46.4	46.4	0.0	0.0%	40.7%	45.5	45.5	0.0	0.0%
42.0%	61.2	61.0	-0.2	-0.3%	42.0%	53.3	53.3	0.0	0.0%	42.0%	46.2	46.3	0.1	0.2%	42.0%	45.4	45.5	0.1	0.2%
43.2%	61.2	60.9	-0.3	-0.5%	43.2%	53.2	53.3	0.1	0.2%	43.2%	46.2	46.2	0.0	0.0%	43.2%	45.4	45.5	0.1	0.2%
44.4%	61.2	60.9	-0.3	-0.5%	44.4%	53.2	53.3	0.1	0.2%	44.4%	46.1	46.2	0.1	0.2%	44.4%	45.4	45.4	0.0	0.0%
45.7%	61.2	60.9	-0.3	-0.5%	45.7%	53.2	53.3	0.1	0.2%	45.7%	46.1	46.0	-0.1	-0.2%	45.7%	45.3	45.4	0.1	0.2%
46.9%	61.2	60.9	-0.3	-0.5%	46.9%	53.2	53.2	0.0	0.0%	46.9%	46.0	46.0	0.0	0.0%	46.9%	45.3	45.3	0.0	0.0%
48.1%	61.0	60.9	-0.3	-0.2%	48.1%	53.2	53.2	0.0	0.0%	48.1%	46.0	46.0	0.0	0.0%	48.1%	45.3	45.3	0.0	0.0%
49.4%	61.0	60.9		-0.2%	49.4%	53.0	53.0	0.0	0.0%	49.4%	45.9	45.9	0.0	0.0%	49.4%	45.2	45.3	0.0	0.2%
50.6%	61.0	60.8	-0.1 -0.2	-0.2%	50.6%	53.0	53.0	0.0	0.0%	50.6%	45.9	45.9	0.0	0.0%	50.6%	45.2	45.2	0.0	0.0%
51.9%	60.9	60.8	-0.2	-0.2%	51.9%	53.0	53.0	0.0	0.0%	51.9%	45.8	45.9	0.0	0.0%	51.9%	45.2	45.2	0.0	
53.1%		60.7	-0.1	-0.2%	53.1%	53.0	52.9		-0.2%	53.1%	45.7	45.8 45.8	0.1		53.1%	45.2 45.2	45.2	-0.1	0.0% -0.2%
54.3%	60.9 60.7	60.6	-0.2	-0.3%	54.3%	52.9	52.8	-0.1 -0.1	-0.2%	54.3%	45.7	45.8	0.1	0.2%	54.3%	45.1	45.1	0.0	0.0%
55.6%	60.6	60.5	-0.1	-0.2%	55.6%	52.8	52.8	0.0	0.0%	55.6%	45.6	45.8	0.1	0.4%	55.6%	45.1 45.1	45.1	0.0	0.0%
56.8%	60.5	60.5	0.0	0.0%	56.8%	52.7	52.6	0.0	0.0%	56.8%	45.6	45.8 45.7	0.2	0.4%	56.8%	45.1 44.9	45.0	0.0	0.0%
																44.8			
58.0% 59.3%	60.5 60.5	60.4	-0.1 -0.4	-0.2% -0.7%	58.0% 59.3%	52.7 52.7	52.7 52.7	0.0	0.0%	58.0% 59.3%	45.6 45.6	45.7 45.7	0.1 0.1	0.2%	58.0% 59.3%	44.6	44.9 44.6	0.1 -0.1	0.2% -0.2%
60.5%	60.5	60.1	-0.4	-0.7%	60.5%	52.6	52.7	0.0	0.0%	60.5%	45.6	45.7	0.1	0.2%	60.5%	44.6	44.6	0.0	0.0%
61.7%	60.5	60.1	-0.4	-0.7%	61.7%	52.6	52.7	0.0	0.2%	61.7%	45.5 45.5	45.7	0.1	0.2%	61.7%	44.6	44.6	0.0	0.0%
63.0%	60.4	60.1	-0.4	-0.5%	63.0%	52.6	52.6	0.0				45.6			63.0%	44.5	44.5	0.0	
			-0.3						0.0%	63.0%	45.5		0.1	0.2%		44.5 44.4	44.5		0.0%
64.2% 65.4%	60.3 60.3	60.1 59.9	-0.2 -0.4	-0.3% -0.7%	64.2% 65.4%	52.5 52.5	52.5 52.5	0.0	0.0%	64.2% 65.4%	45.5 45.4	45.6 45.6	0.1 0.2	0.2%	64.2% 65.4%	44.4 44.4	44.4 44.4	0.0	0.0%
	60.3	59.9		-0.7%	66.7%	52.5	52.5	0.0						0.4%	66.7%	44.4	44.4		
66.7% 67.9%	60.3	59.9 59.9	-0.4 -0.4	-0.7% -0.7%	67.9%	52.4 52.3	52.4 52.4	0.0	0.0%	66.7% 67.9%	45.3 45.3	45.5 45.3	0.2	0.4%	67.9%	44.3 44.3	44.3 44.3	0.0	0.0%
69.1%	60.3	59.9	-0.4	-0.7%	69.1%	52.3	52.4	0.1	0.2%	69.1%	45.3	45.2	-0.1	-0.2%	69.1%	44.3	44.3	0.0	0.0%
70.4%	60.1	59.9	-0.4	-0.7%	70.4%	52.3 52.1	52.3	0.0	0.4%	70.4%	45.3 45.2	45.2 45.2	0.0	0.0%	70.4%	44.3	44.1	-0.2	-0.5%
70.4%	60.0	59.9	-0.2	-0.3%	70.4%	52.1	52.3	0.2	0.4%	70.4%	45.2 45.1	45.2	-0.1	-0.2%	70.4%	44.3	44.1	-0.2	-0.5%
71.6%	60.0	59.9 59.8	-0.1	-0.2%	71.6%	52.0 52.0	52.3 52.2	0.3	0.6%		45.1 44.9	45.0 45.0	0.1	0.2%	71.6%	44.2 44.0	43.9	-0.2	-0.5%
74.1%	59.9	59.8	-0.2	-0.3%	74.1%	52.0	52.2	0.2	0.4%	72.8% 74.1%	44.9	45.0 44.9	0.0	0.2%	74.1%	43.9	43.9	0.0	0.2%
		59.8 59.7				52.0 52.0					44.9 44.9	44.9 44.8				43.9			
75.3% 76.5%	59.9 59.8	59.7 59.7	-0.2 -0.1	-0.3% -0.2%	75.3% 76.5%	52.0 51.9	51.9 51.9	-0.1 0.0	-0.2%	75.3% 76.5%	44.9 44.4	44.8 44.6	-0.1 0.2	-0.2% 0.5%	75.3% 76.5%	43.8 43.6	43.8 43.7	0.0	0.0%
76.5%	59.8 59.8	59.7 59.5		-0.2% -0.5%	76.5% 77.8%	51.9 51.8	51.9 51.9		0.0%		44.4 44.4	44.6 44.4	0.2	0.5%	76.5% 77.8%	43.6	43.7	0.1	
77.8%	59.8 59.7	59.5 59.5	-0.3	-0.5%	77.8%	51.8 51.8	51.9 51.9	0.1 0.1	0.2%	77.8% 79.0%	44.4 44.2	44.4 44.4	0.0	0.5%	77.8%	43.5	43.5 43.5	0.0	0.0%
79.0% 80.2%	59.7 59.7	59.5 59.4	-0.2	-0.5%	79.0% 80.2%	51.8 51.8	51.9 51.9			79.0% 80.2%	44.2 44.1	44.4		0.5%	79.0% 80.2%	43.5	43.5	0.0	
			-0.3					0.1	0.2%				0.3						0.0%
81.5%	59.5	59.4	-0.1	-0.2%	81.5%	51.8	51.8	0.0	0.0%	81.5%	44.1	44.1	0.0	0.0%	81.5%	43.4	43.5	0.1	0.2%
82.7%	59.4	59.3	-0.1	-0.2%	82.7%	51.7	51.8	0.1	0.2%	82.7%	44.0	44.0	0.0	0.0%	82.7%	43.3	43.4	0.1	0.2%
84.0%	59.3	59.3	0.0	0.0%	84.0%	51.7	51.7	0.0	0.0%	84.0%	43.9	43.9	0.0	0.0%	84.0%	43.3	43.3	0.0	0.0%
85.2%	59.2	59.2	0.0	0.0%	85.2%	51.2	51.3	0.1	0.2%	85.2%	43.7	43.8	0.1	0.2%	85.2%	43.3	43.3	0.0	0.0%
86.4%	59.1	59.0	-0.1	-0.2%	86.4%	51.2	51.2	0.0	0.0%	86.4%	43.6	43.7	0.1	0.2%	86.4%	43.0	43.0	0.0	0.0%
87.7%	59.1	59.0	-0.1	-0.2%	87.7%	51.2	51.2	0.0	0.0%	87.7%	43.4	43.4	0.0	0.0%	87.7%	42.9	43.0	0.1	0.2%
88.9%	59.1	59.0	-0.1	-0.2%	88.9%	51.1	51.1	0.0	0.0%	88.9%	43.3	43.2	-0.1	-0.2%	88.9%	42.8	42.9	0.1	0.2%
90.1%	59.0	58.8	-0.2	-0.3%	90.1%	51.0	51.0	0.0	0.0%	90.1%	43.0	43.2	0.2	0.5%	90.1%	42.7	42.7	0.0	0.0%
91.4%	58.9	58.7	-0.2	-0.3%	91.4%	50.8	51.0	0.2	0.4%	91.4%	42.9	43.1	0.2	0.5%	91.4%	42.6	42.7	0.1	0.2%
92.6%	58.7	58.7	0.0	0.0%	92.6%	50.8	50.8	0.0	0.0%	92.6%	42.9	43.0	0.1	0.2%	92.6%	42.4	42.3	-0.1	-0.2%
93.8%	58.6	58.7	0.1	0.2%	93.8%	50.6	50.8	0.2	0.4%	93.8%	42.7	42.7	0.0	0.0%	93.8%	42.0	42.2	0.2	0.5%
95.1%	58.5	58.6	0.1	0.2%	95.1%	50.6	50.7	0.1	0.2%	95.1%	42.7	42.7	0.0	0.0%	95.1%	41.6	41.7	0.1	0.2%
96.3%	58.5	58.5	0.0	0.0%	96.3%	50.2	50.0	-0.2	-0.4%	96.3%	42.6	42.7	0.1	0.2%	96.3%	41.5	41.5	0.0	0.0%
97.5%	58.4	58.4	0.0	0.0%	97.5%	49.9	49.9	0.0	0.0%	97.5%	41.6	41.6	0.0	0.0%	97.5%	39.7	39.7	0.0	0.0%
98.8%	58.3	58.2	-0.1	-0.2%	98.8%	48.5	48.2	-0.3	-0.6%	98.8%	41.1	41.1	0.0	0.0%	98.8%	39.3	39.3	0.0	0.0%
100.0%	58.3	58.2	-0.1	-0.2%	100.0%	48.5	48.2	-0.3	-0.6%	100.0%	41.1	41.1	0.0	0.0%	100.0%	39.3	39.3	0.0	0.0%

Table SQ-12-7b Sacramento River at American River, Monthly Temperature Probability of Exceedance

March

February

Percent		rebluary			Percent		warcn			Percent		Aprii			Percent		Iviay		
Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	53.8	53.6	-0.2	-0.4%	0.0%	60.5	60.5	0.0	0.0%	0.0%	65.4	65.8	0.4	0.6%	0.0%	73.4	73.6	0.2	0.3%
1.2%	52.8	53.1	0.3	0.6%	1.2%	59.3	59.2	-0.1	-0.2%	1.2%	65.4	65.3	-0.1	-0.2%	1.2%	71.9	72.0	0.1	0.1%
2.5%	52.5	52.4	-0.1	-0.2%	2.5%	57.9	58.2	0.3	0.5%	2.5%	65.2	65.0	-0.2	-0.3%	2.5%	71.0	71.2	0.2	0.3%
3.7%	52.3	52.3	0.0	0.0%	3.7%	57.8	57.9	0.1	0.2%	3.7%	64.6	64.7	0.1	0.2%	3.7%	70.6	70.8	0.2	0.3%
4.9%	52.2	52.3	0.1	0.2%	4.9%	57.8	57.9	0.1	0.2%	4.9%	64.6	64.6	0.0	0.0%	4.9%	70.1	70.0	-0.1	-0.1%
6.2%	51.9	52.0	0.1	0.2%	6.2%	57.5 57.3	57.8 57.5	0.3	0.5%	6.2%	64.4 64.3	64.5 64.5	0.1	0.2%	6.2%	69.7 69.6	69.9 69.9	0.2	0.3%
7.4% 8.6%	51.7 51.6	51.9 51.6	0.2	0.4%	7.4% 8.6%	57.3 57.2	57.5 57.3	0.2	0.3% 0.2%	7.4% 8.6%	64.1	64.2	0.2	0.3%	7.4% 8.6%	69.4	69.6	0.3	0.4%
9.9%	51.5	51.6	0.0	0.2%	9.9%	57.2 57.2	57.3 57.2	0.0	0.2%	9.9%	64.0	64.1	0.1	0.2%	9.9%	68.9	68.9	0.2	0.3%
11.1%	51.5	51.5	0.0	0.0%	11.1%	56.7	57.1	0.4	0.7%	11.1%	63.9	63.9	0.0	0.0%	11.1%	68.8	68.7	-0.1	-0.1%
12.3%	51.3	51.5	0.2	0.4%	12.3%	56.7	57.0	0.3	0.5%	12.3%	63.6	63.7	0.1	0.2%	12.3%	68.6	68.4	-0.2	-0.3%
13.6%	51.2	51.3	0.1	0.2%	13.6%	56.5	56.8	0.3	0.5%	13.6%	63.2	63.4	0.2	0.3%	13.6%	68.4	68.4	0.0	0.0%
14.8%	51.2	51.3	0.1	0.2%	14.8%	56.4	56.7	0.3	0.5%	14.8%	63.2	63.2	0.0	0.0%	14.8%	68.3	68.3	0.0	0.0%
16.0%	51.1	51.2	0.1	0.2%	16.0%	56.2	56.4	0.2	0.4%	16.0%	63.0	63.1	0.1	0.2%	16.0%	68.1	68.2	0.1	0.1%
17.3%	51.0	51.2	0.2	0.4%	17.3%	56.1	56.3	0.2	0.4%	17.3%	63.0	63.1	0.1	0.2%	17.3%	68.1	68.2	0.1	0.1%
18.5%	51.0	51.0	0.0	0.0%	18.5%	56.1	56.2	0.1	0.2%	18.5%	62.9	63.0	0.1	0.2%	18.5%	67.9	68.1	0.2	0.3%
19.8%	50.9	50.9	0.0	0.0%	19.8%	56.1	56.2	0.1	0.2%	19.8%	62.9	62.9	0.0	0.0%	19.8%	67.9	67.9	0.0	0.0%
21.0%	50.9	50.7	-0.2	-0.4%	21.0%	56.1	56.1	0.0	0.0%	21.0%	62.8	62.8	0.0	0.0%	21.0%	67.8	67.8	0.0	0.0%
22.2%	50.7	50.7	0.0	0.0%	22.2%	56.0	56.0	0.0	0.0%	22.2%	62.7	62.8	0.1	0.2%	22.2%	67.6	67.5	-0.1	-0.1%
23.5%	50.7	50.7	0.0	0.0%	23.5%	55.9	56.0	0.1	0.2%	23.5%	62.6	62.7	0.1	0.2%	23.5%	67.6	67.5	-0.1	-0.1%
24.7%	50.6	50.5	-0.1	-0.2%	24.7%	55.7	55.9	0.2	0.4%	24.7%	62.5	62.5	0.0	0.0%	24.7%	67.4	67.4	0.0	0.0%
25.9%	50.6	50.5	-0.1	-0.2%	25.9%	55.5	55.8	0.3	0.5%	25.9%	62.5	62.3	-0.2	-0.3%	25.9%	67.3	67.3	0.0	0.0%
27.2% 28.4%	50.6	50.5 50.5	-0.1 0.0	-0.2%	27.2% 28.4%	55.4	55.7 55.6	0.3	0.5% 0.5%	27.2% 28.4%	62.3	62.3 62.2	0.0	0.0%	27.2% 28.4%	67.2 67.2	67.3 67.2	0.1	0.1%
28.4%	50.5 50.3	50.5 50.4	0.0	0.0%	28.4%	55.3 55.2	55.b 55.5	0.3	0.5%	28.4%	62.1 62.1	62.2	0.1	0.2%	28.4%	67.2	67.1	0.0	0.0%
30.9%	50.3	50.4 50.4	0.1	0.2%	30.9%	55.2 55.2	55.5 55.4	0.3	0.5%	30.9%	62.1	62.1	0.0	0.0%	30.9%	67.1	67.1	0.0	0.0%
32.1%	50.3	50.4	0.1	0.2%	32.1%	55.2 55.1	55.4	0.2	0.5%	32.1%	61.9	61.9	0.0	0.0%	32.1%	67.1	67.0	-0.1	-0.1%
33.3%	50.1	50.2	0.1	0.4%	33.3%	55.1	55.3	0.3	0.4%	33.3%	61.6	61.7	0.0	0.2%	33.3%	67.0	67.0	0.0	0.0%
34.6%	50.0	50.1	0.1	0.2%	34.6%	55.1	55.2	0.1	0.2%	34.6%	61.5	61.5	0.0	0.0%	34.6%	66.9	67.0	0.1	0.1%
35.8%	49.9	50.0	0.1	0.2%	35.8%	55.1	55.1	0.0	0.0%	35.8%	61.4	61.4	0.0	0.0%	35.8%	66.9	66.9	0.0	0.0%
37.0%	49.8	50.0	0.2	0.4%	37.0%	55.1	55.1	0.0	0.0%	37.0%	61.4	61.4	0.0	0.0%	37.0%	66.8	66.8	0.0	0.0%
38.3%	49.8	49.9	0.1	0.2%	38.3%	55.0	55.0	0.0	0.0%	38.3%	61.3	61.4	0.1	0.2%	38.3%	66.8	66.8	0.0	0.0%
39.5%	49.7	49.8	0.1	0.2%	39.5%	54.9	55.0	0.1	0.2%	39.5%	61.2	61.3	0.1	0.2%	39.5%	66.8	66.7	-0.1	-0.1%
40.7%	49.7	49.7	0.0	0.0%	40.7%	54.9	55.0	0.1	0.2%	40.7%	61.2	61.3	0.1	0.2%	40.7%	66.7	66.7	0.0	0.0%
42.0%	49.6	49.7	0.1	0.2%	42.0%	54.7	55.0	0.3	0.5%	42.0%	61.2	61.3	0.1	0.2%	42.0%	66.6	66.6	0.0	0.0%
43.2%	49.6	49.6	0.0	0.0%	43.2%	54.6	54.9	0.3	0.5%	43.2%	61.1	61.2	0.1	0.2%	43.2%	66.6	66.5	-0.1	-0.2%
44.4%	49.5	49.6	0.1	0.2%	44.4%	54.5	54.8	0.3	0.6%	44.4%	60.9	61.2	0.3	0.5%	44.4%	66.5	66.5	0.0	0.0%
45.7%	49.5	49.5	0.0	0.0%	45.7%	54.4	54.6	0.2	0.4%	45.7%	60.9	61.0	0.1	0.2%	45.7%	66.5	66.5	0.0	0.0%
46.9% 48.1%	49.5 49.4	49.5 49.5	0.0 0.1	0.0%	46.9% 48.1%	54.3 54.3	54.4 54.3	0.1	0.2%	46.9% 48.1%	60.8 60.8	60.9 60.9	0.1 0.1	0.2%	46.9% 48.1%	66.2 66.2	66.4 66.3	0.2	0.3%
49.4%	49.4	49.5 49.4	0.0	0.2%	49.4%	54.3	54.3	0.0		49.4%	60.8	60.9	0.1		49.4%	66.1		0.1	0.2%
50.6%	49.4	49.4	0.0	0.0%	50.6%	54.2	54.3	0.1	0.2% 0.2%	50.6%	60.8	60.8	0.0	0.2%	50.6%	66.0	66.2 66.0	0.0	0.2%
51.9%	49.3	49.3	0.0	0.0%	51.9%	54.2	54.2	0.1	0.2%	51.9%	60.7	60.8	0.1	0.2%	51.9%	65.9	65.9	0.0	0.0%
53.1%	49.2	49.3	0.1	0.2%	53.1%	54.1	54.2	0.1	0.2%	53.1%	60.6	60.7	0.1	0.2%	53.1%	65.9	65.9	0.0	0.0%
54.3%	49.2	49.2	0.0	0.0%	54.3%	54.0	54.1	0.1	0.2%	54.3%	60.6	60.6	0.0	0.0%	54.3%	65.8	65.9	0.1	0.2%
55.6%	49.2	49.2	0.0	0.0%	55.6%	54.0	54.1	0.1	0.2%	55.6%	60.6	60.6	0.0	0.0%	55.6%	65.7	65.7	0.0	0.0%
56.8%	49.2	49.2	0.0	0.0%	56.8%	53.9	54.0	0.1	0.2%	56.8%	60.5	60.5	0.0	0.0%	56.8%	65.7	65.7	0.0	0.0%
58.0%	49.1	49.2	0.1	0.2%	58.0%	53.9	53.9	0.0	0.0%	58.0%	60.5	60.5	0.0	0.0%	58.0%	65.2	65.2	0.0	0.0%
59.3%	49.1	49.2	0.1	0.2%	59.3%	53.8	53.9	0.1	0.2%	59.3%	60.1	60.1	0.0	0.0%	59.3%	65.1	65.2	0.1	0.2%
60.5%	49.1	49.1	0.0	0.0%	60.5%	53.8	53.9	0.1	0.2%	60.5%	60.0	60.1	0.1	0.2%	60.5%	65.1	65.1	0.0	0.0%
61.7%	49.0	49.1	0.1	0.2%	61.7%	53.8	53.8	0.0	0.0%	61.7%	59.6	59.9	0.3	0.5%	61.7%	65.0	65.1	0.1	0.2%
63.0%	49.0	49.1	0.1	0.2%	63.0%	53.8	53.7	-0.1	-0.2%	63.0%	59.6	59.7	0.1	0.2%	63.0%	65.0	65.0	0.0	0.0%
64.2% 65.4%	48.9 48.8	49.0 49.0	0.1 0.2	0.2% 0.4%	64.2% 65.4%	53.7 53.6	53.7 53.7	0.0 0.1	0.0%	64.2% 65.4%	59.6 59.6	59.6 59.6	0.0	0.0%	64.2% 65.4%	64.9 64.8	65.0 64.9	0.1 0.1	0.2% 0.2%
66.7%	48.8	48.9	0.1	0.4%	66.7%	53.5	53.6	0.1	0.2%	66.7%	59.5	59.5	0.0	0.0%	66.7%	64.6	64.7	0.1	0.2%
67.9%	48.8	48.9	0.1	0.2%	67.9%	53.2	53.5	0.1	0.6%	67.9%	59.3	59.5 59.4	0.0	0.2%	67.9%	64.6	64.6	0.0	0.0%
69.1%	48.8	48.8	0.0	0.0%	69.1%	53.2	53.5	0.3	0.6%	69.1%	59.3	59.3	0.0	0.0%	69.1%	64.5	64.3	-0.2	-0.3%
70.4%	48.7	48.8	0.1	0.2%	70.4%	53.1	53.1	0.0	0.0%	70.4%	59.2	59.2	0.0	0.0%	70.4%	64.3	64.3	0.0	0.0%
71.6%	48.7	48.8	0.1	0.2%	71.6%	53.1	53.1	0.0	0.0%	71.6%	59.1	59.1	0.0	0.0%	71.6%	64.2	64.2	0.0	0.0%
72.8%	48.7	48.7	0.0	0.0%	72.8%	52.9	53.1	0.2	0.4%	72.8%	59.1	59.0	-0.1	-0.2%	72.8%	64.2	64.2	0.0	0.0%
74.1%	48.6	48.7	0.1	0.2%	74.1%	52.8	52.9	0.1	0.2%	74.1%	59.0	59.0	0.0	0.0%	74.1%	63.9	63.9	0.0	0.0%
75.3%	48.5	48.6	0.1	0.2%	75.3%	52.6	52.9	0.3	0.6%	75.3%	58.5	58.5	0.0	0.0%	75.3%	63.8	63.9	0.1	0.2%
76.5%	48.5	48.6	0.1	0.2%	76.5%	52.5	52.8	0.3	0.6%	76.5%	58.4	58.5	0.1	0.2%	76.5%	63.6	63.8	0.2	0.3%
77.8% 79.0%	48.5 48.4	48.5 48.4	0.0	0.0%	77.8% 79.0%	52.5 52.4	52.7 52.5	0.2	0.4%	77.8% 79.0%	58.4 58.4	58.4 58.4	0.0	0.0%	77.8% 79.0%	63.6 63.5	63.6 63.5	0.0	0.0%
									0.2%										
80.2% 81.5%	48.4 48.4	48.4 48.3	0.0 -0.1	0.0% -0.2%	80.2% 81.5%	52.4 52.4	52.5 52.4	0.1	0.2% 0.0%	80.2% 81.5%	57.8 57.7	58.1 57.8	0.3 0.1	0.5% 0.2%	80.2% 81.5%	63.4 63.3	63.5 63.3	0.1 0.0	0.2%
81.5% 82.7%	48.4 48.2	48.3 48.1	-0.1	-0.2%	81.5%	52.4 52.2	52.4 52.3	0.0	0.0%	81.5%	57.7 57.6	57.8 57.7	0.1	0.2%	81.5%	63.1	63.3	0.0	0.0%
84.0%	48.1	48.1	0.0	0.0%	84.0%	52.2	52.3	0.1	0.2%	84.0%	57.5	57.6	0.1	0.2%	84.0%	63.0	63.0	0.0	0.0%
85.2%	48.1	48.0	-0.1	-0.2%	85.2%	52.0	52.1	0.1	0.2%	85.2%	57.5	57.5	0.0	0.0%	85.2%	63.0	63.0	0.0	0.0%
86.4%	48.1	48.0	-0.1	-0.2%	86.4%	52.0	52.1	0.1	0.2%	86.4%	57.4	57.5	0.1	0.2%	86.4%	62.9	62.9	0.0	0.0%
87.7%	48.0	48.0	0.0	0.0%	87.7%	52.0	52.0	0.0	0.0%	87.7%	57.4	57.4	0.0	0.0%	87.7%	62.7	62.9	0.2	0.3%
88.9%	47.9	48.0	0.1	0.2%	88.9%	52.0	52.0	0.0	0.0%	88.9%	57.3	57.3	0.0	0.0%	88.9%	62.7	62.7	0.0	0.0%
90.1%	47.8	47.7	-0.1	-0.2%	90.1%	51.9	52.0	0.1	0.2%	90.1%	57.2	57.2	0.0	0.0%	90.1%	62.6	62.7	0.1	0.2%
91.4%	47.6	47.6	0.0	0.0%	91.4%	51.7	51.9	0.2	0.4%	91.4%	57.2	57.2	0.0	0.0%	91.4%	62.5	62.6	0.1	0.2%
92.6%	47.4	47.5	0.1	0.2%	92.6%	51.6	51.7	0.1	0.2%	92.6%	56.5	56.8	0.3	0.5%	92.6%	62.5	62.5	0.0	0.0%
93.8%	47.3	47.4	0.1	0.2%	93.8%	51.6	51.5	-0.1	-0.2%	93.8%	56.3	56.3	0.0	0.0%	93.8%	62.2	62.5	0.3	0.5%
95.1%	47.2	47.2	0.0	0.0%	95.1%	51.4	51.4	0.0	0.0%	95.1%	56.2	56.2	0.0	0.0%	95.1%	62.1	62.2	0.1	0.2%
96.3%	47.1	47.1	0.0	0.0%	96.3%	51.3	51.3	0.0	0.0%	96.3%	56.1	56.1	0.0	0.0%	96.3%	61.3	61.3	0.0	0.0%
97.5% 98.8%	47.0 46.3	47.1 46.3	0.1	0.2%	97.5% 98.8%	51.3 51.0	51.3 51.0	0.0	0.0%	97.5% 98.8%	55.0 54.2	55.0 54.2	0.0	0.0%	97.5% 98.8%	61.2 60.1	61.2 60.1	0.0	0.0%
	46.3 46.3	46.3 46.3			98.8%	51.0 51.0	51.0 51.0				54.2 54.2	54.2 54.2				60.1 60.1	60.1 60.1		0.0%
100.0%	40.3	40.3	0.0	0.0%	100.0%	51.0	51.0	0.0	0.0%	100.0%	54.2	54.2	0.0	0.0%	100.0%	OU. I	OU. I	0.0	0.0%

Table SQ-12-7b Sacramento River at American River, Monthly Temperature Probability of Exceedance

August

September

	Percent		June			Percent		July			Percent		August			Percent		September		
March Part		No Action Alternative	Alternative C	Absolute	Relative		No Action Alternative	Alternative C	Absolute	Relative		No Action Alternative	Alternative C	Absolute	Relative		No Action Alternative	Alternative C	Absolute	Relative
March Marc		Monthly Temperature	Monthly Temperature				Monthly Temperature	Monthly Temperature				Monthly Temperature	Monthly Temperature				Monthly Temperature	Monthly Temperature		
Total Tota				(DEG-F)					(DEG-F)		(%)			(DEG-F)					(DEG-F)	
Total Tota	0.0%		74.0	-0.2	-0.3%				-0.5	-0.6%	0.0%			-0.8	-1.1%	0.0%	73.1	72.8	-0.3	-0.4%
1.5	1.2%	73.9	73.9	0.0	0.0%	1.2%	76.2	75.8	-0.4	-0.5%	1.2%	74.8	74.1	-0.7	-0.9%	1.2%	71.4	71.5	0.1	0.1%
A						2.5%					2.5%					2.5%			-0.2	-0.3%
Section Property		73.1				3.7%														
Top																				
Belle																				-0.3%
10 12 12 12 13 14 15 15 15 15 15 15 15																			-0.1	
1.5 1.5	8.6%	72.7	72.8	0.1		8.6%	73.7			0.4%	8.6%								-0.3	-0.4%
125 727 728 53 646 125 728																				
146. 147.		72.3	72.6	0.3							11.1%									-1.0%
140																				
March 172 772																				
15																				
140																				
15th 776 773 0.0																17.3%				
1																				
22.0. 71.5 71.5 0.0																				
200. 71.3																				
24.75																				
250. 71.2 71.2 0.0 0											23.5%									
27th 712																			-0.3	
24.64 71.1 71.2 6.1 6.15 24.64 72.0 72.0 72.0 6.2 6.2 6.2 72.7 72.2 72.5 72	23.370			0.0						-0.3%	23.970	72.0				23.976			-0.3	0.476
200																			-0.2	
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50 50 50 50 50 50 50 50	48.1%	70.5	70.3	-0.2	-0.3%	48.1%	72.2	71.9	-0.3	-0.4%	48.1%	71.8	71.3	-0.5	-0.7%	48.1%	68.1	67.6	-0.5	-0.7%
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$\begin{array}{cccccccccccccccccccccccccccccccccccc$	86.4%			0.0	0.0%	86.4%			-0.5	-0.7%	86.4%	70.1	70.1	0.0	0.0%	86.4%			-0.1	-0.2%
88.9% 67.4 67.4 0.0 0.0% 88.9% 70.3 69.8 -0.5 -0.7% 88.9% 70.0 70.1 0.1 0.1% 88.9% 65.2 65.5 0.3 0.5% 90.1% 67.2 67.3 0.1 0.1% 90.1% 70.2 69.7 -0.5 -0.7% 90.1% 69.9 70.1 0.2 0.3% 90.1% 65.2 65.5 0.3 0.5% 91.4% 67.2 67.1 -0.1 -0.1% 91.4% 70.1 69.6 -0.5 -0.7% 91.4% 69.9 69.8 -0.1 -0.1% 91.4% 65.0 64.4 -0.6 -0.9% 92.6% 66.7 66.6 -0.1 -0.1% 92.6% 70.0 69.4 -0.6 -0.9% 92.6% 69.7 69.7 0.0 0.0% 92.6% 64.7 64.4 -0.6 -0.9% 93.8% 66.6 66.6 0.0 0.0% 93.8% 70.0 69.3 -0.7 -1.0% 93.8% 69.5 69.8 0.1 0.1% 93.8% 64.0 63.8 -0.2 -0.3% 95.1% 69.7 69.7 0.0 0.0% 92.6% 66.3 -0.1 -0.2% 95.3% 66.4 66.3 -0.1 -0.2% 96.3% 69.2 68.6 -0.6 -0.9% 95.5% 69.1 69.0 -0.1 -0.1% 95.3% 63.5 63.3 -0.2 -0.3% 97.5% 66.4 66.3 -0.1 -0.2% 97.5% 68.9 68.5 -0.4 -0.6% 97.5% 69.1 69.0 -0.1 -0.1% 97.5% 63.0 63.0 0.0 0.0% 98.8% 66.6 66.4 -0.2 -0.3% 98.8% 65.6 66.8 0.2 -0.3% 98.8% 62.7 62.6 -0.1 -0.2%				-0.2																0.5%
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96.3% 66.4 66.3 -0.1 -0.2% 96.3% 69.2 68.6 -0.6 -0.9% 96.3% 69.1 69.0 -0.1 -0.1% 96.3% 63.5 63.3 -0.2 -0.3% 97.5% 66.4 66.3 -0.1 -0.2% 97.5% 68.9 68.5 -0.4 -0.6% 97.5% 69.1 69.0 -0.1 -0.1% 97.5% 63.0 63.0 63.0 0.0 0.0% 98.8% 65.6 65.4 -0.2 -0.3% 98.8% 68.9 68.3 -0.6 -0.9% 98.8% 68.6 68.8 0.2 0.3% 98.8% 62.7 62.6 -0.1 -0.2%											93.8%								-0.2	
97.5% 66.4 66.3 0.1 $-0.2%$ $97.5%$ 68.9 68.5 -0.4 $-0.0%$ $97.5%$ 68.1 69.0 -0.1 $-0.1%$ $97.5%$ 63.0 63.0 0.0 $0.0%$ $98.8%$ 65.6 65.4 -0.2 $-0.3%$ $98.8%$ 68.9 68.3 -0.6 $-0.9%$ $98.8%$ 68.6 68.8 0.2 $0.3%$ $98.8%$ 62.7 62.6 -0.1 $-0.2%$																				
98.8% 65.6 65.4 -0.2 -0.3% 98.8% 68.9 68.3 -0.6 -0.9% 98.8% 68.6 68.8 0.2 0.3% 98.8% 62.7 62.6 -0.1 -0.2%	96.3%		66.3	-0.1	-0.2%	96.3%			-0.6	-0.9%	96.3%	69.1		-0.1	-0.1%	96.3%		63.3	-0.2	-0.3%
100.0% 65.6 65.4 -0.2 -0.3% 100.0% 68.9 68.3 -0.6 -0.9% 100.0% 68.6 68.8 0.2 0.3% 100.0% 62.7 62.6 -0.1 -0.2%																				
	100.0%	65.6	65.4	-0.2	-0.3%	100.0%	68.9	68.3	-0.6	-0.9%	100.0%	68.6	68.8	0.2	0.3%	100.0%	62.7	62.6	-0.1	-0.2%

Table SQ-13-7a Sacramento River at Feather River, Monthly Temperature Long-term Average and Average by Water Year Type

					Mon	thly Temp	erature (DI	FG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Mav	Jun	Jul	Aua	Sep
				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	60.6	52.4	45.6	44.8	49.5	54.2	60.5	66.0	70.3	72.1	71.6	67.6
Alternative C	60.5	52.4	45.6	44.9	49.5	54.4	60.6	66.1	70.2	71.6	71.3	67.3
Difference	-0.2	0.0	0.1	0.0	0.0	0.1	0.1	0.1	-0.1	-0.5	-0.3	-0.3
Percent Difference ³	-0.3%	0.0%	0.1%	0.1%	0.1%	0.3%	0.1%	0.1%	-0.1%	-0.7%	-0.4%	-0.59
					ear Types							
Wet (32%)												
No Action Alternative	60.1	52.9	46.1	45.8	49.5	53.1	58.4	64.3	69.3	72.4	71.5	65.4
Alternative C	59.9	52.9	46.1	45.8	49.5	53.1	58.4	64.4	69.1	71.9	71.7	65.2
Difference	-0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.2	-0.4	0.2	-0.2
Percent Difference	-0.3%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.6%	0.3%	-0.39
Above Normal (15%)												
No Action Alternative	60.1	51.4	45.4	44.9	49.3	53.8	60.4	66.4	70.5	71.2	70.6	66.5
Alternative C	59.9	51.4	45.4	44.9	49.4	53.9	60.5	66.4	70.5	70.5	70.6	66.4
Difference	-0.3	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	-0.7	0.0	-0.1
Percent Difference	-0.5%	0.1%	0.0%	0.1%	0.2%	0.2%	0.1%	0.1%	0.0%	-1.0%	0.0%	-0.19
Below Normal (17%)												
No Action Alternative	60.5	52.3	45.6	44.2	48.9	54.3	61.0	66.4	70.5	72.2	71.6	69.2
Alternative C	60.3	52.4	45.6	44.2	48.9	54.6	61.0	66.4	70.5	71.4	71.5	68.9
Difference	-0.2	0.1	0.0	0.0	0.0	0.2	0.0	0.1	0.1	-0.7	-0.1	-0.4
Percent Difference	-0.4%	0.1%	0.1%	0.0%	0.1%	0.4%	0.1%	0.1%	0.1%	-1.0%	-0.2%	-0.59
Dry (22%)												
No Action Alternative	60.8	52.4	45.5	44.0	49.4	54.9	61.8	67.0	71.3	71.7	71.1	68.8
Alternative C	60.7	52.4	45.6	44.0	49.4	55.2	62.0	67.1	71.2	71.2	70.5	68.3
Difference	-0.1	0.0	0.1	0.0	0.0	0.3	0.2	0.1	-0.1	-0.5	-0.6	-0.6
Percent Difference	-0.1%	0.0%	0.1%	0.1%	0.0%	0.5%	0.4%	0.2%	-0.1%	-0.7%	-0.9%	-0.89
Critical (15%)												
No Action Alternative	62.3	52.4	44.6	44.5	50.4	55.5	62.5	67.3	70.2	73.2	73.1	69.7
Alternative C	62.3	52.3	44.7	44.6	50.4	55.7	62.6	67.4	70.1	72.8	71.9	69.5
Difference	0.0	-0.1	0.1	0.1	0.1	0.2	0.1	0.1	-0.2	-0.3	-1.1	-0.2
Percent Difference	-0.1%	-0.1%	0.1%	0.2%	0.1%	0.4%	0.2%	0.1%	-0.2%	-0.5%	-1.6%	-0.39

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



Figure SQ-13-7b
Sacramento River at Feather River, Monthly Temperature
Probability of Exceedance

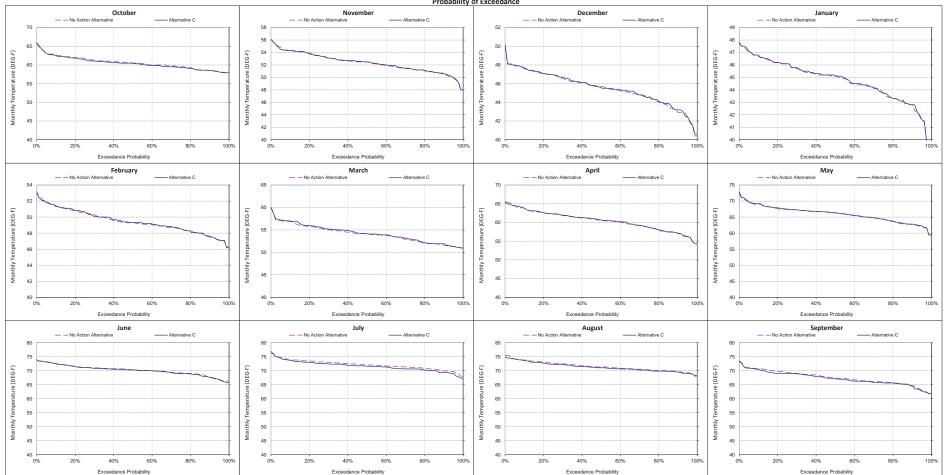


Table SQ-13-7b
Sacramento River at Feather River, Monthly Temperature
Probability of Exceedance

		October					November					December					January		
Percent Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Percent Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Percent Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Percent Exceedan	No Action Alternative	Alternative C	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	- Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	- Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probabili		Monthly Temperature	- Difference	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	65.9	65.9	0.0	0.0%	0.0%	56.1	56.1	0.0	0.0%	0.0%	50.0	50.2	0.2	0.4%	0.0%	47.8	47.8	0.0	0.0%
1.2%	64.6	65.1	0.5	0.8%	1.2%	55.7	55.7	0.0	0.0%	1.2%	48.1	48.1	0.0	0.0%	1.2%	47.5	47.5	0.0	0.0%
2.5% 3.7%	64.3 63.7	64.2 63.7	-0.1 0.0	-0.2% 0.0%	2.5% 3.7%	55.1 54.9	55.3 55.0	0.2	0.4%	2.5% 3.7%	48.1 48.1	48.1 48.0	0.0 -0.1	0.0% -0.2%	2.5% 3.7%	47.5 47.2	47.5 47.4	0.0	0.0%
4.9%	63.0	63.1	0.0	0.0%	4.9%	54.9	54.5	-0.4	-0.7%	4.9%	47.9	48.0	0.1	0.2%	4.9%	47.1	47.1	0.2	0.4%
6.2%	62.9	62.8	-0.1	-0.2%	6.2%	54.4	54.4	0.0	0.0%	6.2%	47.9	47.9	0.0	0.0%	6.2%	47.0	47.0	0.0	0.0%
7.4%	62.9	62.7	-0.2	-0.3%	7.4%	54.4	54.4	0.0	0.0%	7.4%	47.9	47.9	0.0	0.0%	7.4%	46.8	46.8	0.0	0.0%
8.6%	62.9	62.7	-0.2	-0.3%	8.6%	54.4	54.3	-0.1	-0.2%	8.6%	47.8	47.8	0.0	0.0%	8.6%	46.8	46.8	0.0	0.0%
9.9%	62.7	62.5	-0.2	-0.3%	9.9%	54.3	54.3	0.0	0.0%	9.9%	47.6	47.7	0.1	0.2%	9.9%	46.7	46.8	0.1	0.2%
11.1%	62.5	62.3	-0.2	-0.3%	11.1%	54.3	54.3	0.0	0.0%	11.1%	47.5	47.6	0.1	0.2%	11.1%	46.6	46.6	0.0	0.0%
12.3% 13.6%	62.5 62.3	62.3 62.3	-0.2 0.0	-0.3% 0.0%	12.3% 13.6%	54.3 54.1	54.2 54.2	-0.1 0.1	-0.2% 0.2%	12.3% 13.6%	47.5 47.4	47.4 47.4	-0.1 0.0	-0.2% 0.0%	12.3% 13.6%	46.6 46.5	46.6 46.5	0.0	0.0%
14.8%	62.2	62.1	-0.1	-0.2%	14.8%	54.1	54.2	0.1	0.2%	14.8%	47.3	47.4	0.0	0.0%	14.8%	46.4	46.5	0.0	0.0%
16.0%	62.2	62.1	-0.1	-0.2%	16.0%	54.1	54.2	0.1	0.2%	16.0%	47.3	47.3	0.0	0.0%	16.0%	46.4	46.4	0.0	0.0%
17.3%	62.2	61.9	-0.3	-0.5%	17.3%	54.1	54.1	0.0	0.0%	17.3%	47.2	47.3	0.1	0.2%	17.3%	46.2	46.3	0.1	0.2%
18.5%	62.0	61.9	-0.1	-0.2%	18.5%	53.9	54.0	0.1	0.2%	18.5%	47.1	47.2	0.1	0.2%	18.5%	46.2	46.2	0.0	0.0%
19.8%	62.0	61.8	-0.2	-0.3%	19.8%	53.9	53.8	-0.1	-0.2%	19.8%	47.1	47.1	0.0	0.0%	19.8%	46.2	46.2	0.0	0.0%
21.0%	61.9 61.9	61.8 61.6	-0.1 -0.3	-0.2% -0.5%	21.0% 22.2%	53.9 53.7	53.7 53.6	-0.2 -0.1	-0.4% -0.2%	21.0% 22.2%	47.0 47.0	47.1 47.0	0.1	0.2%	21.0% 22.2%	46.1 46.1	46.2 46.1	0.1	0.2%
23.5%	61.9	61.6	-0.3	-0.5%	23.5%	53.7	53.5	-0.1	-0.2%	23.5%	47.0	47.0	0.0	0.0%	23.5%	46.1	46.1	0.0	0.0%
24.7%	61.8	61.4	-0.4	-0.6%	24.7%	53.5	53.5	0.0	0.0%	24.7%	47.0	47.0	0.0	0.0%	24.7%	46.1	46.1	0.0	0.0%
25.9%	61.5	61.3	-0.2	-0.3%	25.9%	53.5	53.4	-0.1	-0.2%	25.9%	46.9	46.9	0.0	0.0%	25.9%	46.1	46.1	0.0	0.0%
27.2%	61.4	61.1	-0.3	-0.5%	27.2%	53.4	53.4	0.0	0.0%	27.2%	46.9	46.8	-0.1	-0.2%	27.2%	45.8	45.8	0.0	0.0%
28.4%	61.4	61.1	-0.3	-0.5%	28.4%	53.2	53.3	0.1	0.2%	28.4%	46.6	46.7	0.1	0.2%	28.4%	45.7	45.8	0.1	0.2%
29.6% 30.9%	61.3 61.1	61.1 61.0	-0.2 -0.1	-0.3% -0.2%	29.6% 30.9%	53.1 53.1	53.1 53.1	0.0	0.0%	29.6% 30.9%	46.6 46.5	46.7 46.6	0.1	0.2%	29.6% 30.9%	45.7 45.7	45.8 45.7	0.1 0.0	0.2%
30.9%	61.1	61.0	-0.1	-0.2%	30.9%	53.1	53.1	0.0	0.0%	30.9%	46.5 46.4	46.6 46.6	0.1	0.2%	30.9%	45.7 45.5	45.7 45.6	0.0	0.0%
33.3%	61.1	60.9	-0.2	-0.3%	33.3%	53.0	53.0	0.0	0.0%	33.3%	46.3	46.5	0.2	0.4%	33.3%	45.5	45.5	0.0	0.0%
34.6%	61.1	60.9	-0.2	-0.3%	34.6%	52.9	52.8	-0.1	-0.2%	34.6%	46.2	46.3	0.1	0.2%	34.6%	45.4	45.5	0.1	0.2%
35.8%	61.0	60.8	-0.2	-0.3%	35.8%	52.8	52.8	0.0	0.0%	35.8%	46.2	46.3	0.1	0.2%	35.8%	45.4	45.5	0.1	0.2%
37.0%	61.0	60.8	-0.2	-0.3%	37.0%	52.7	52.8	0.1	0.2%	37.0%	46.2	46.2	0.0	0.0%	37.0%	45.4	45.4	0.0	0.0%
38.3%	61.0	60.7	-0.3	-0.5%	38.3%	52.7	52.7	0.0	0.0%	38.3%	46.1	46.2	0.1	0.2%	38.3%	45.3	45.4	0.1	0.2%
39.5% 40.7%	61.0 61.0	60.7 60.6	-0.3 -0.4	-0.5% -0.7%	39.5% 40.7%	52.7 52.6	52.7 52.7	0.0 0.1	0.0%	39.5% 40.7%	46.1 46.1	46.1 46.1	0.0	0.0%	39.5% 40.7%	45.3 45.2	45.3 45.3	0.0 0.1	0.0%
42.0%	60.8	60.6	-0.2	-0.7%	42.0%	52.6	52.7	0.1	0.2%	42.0%	46.1	46.1	0.0	0.0%	42.0%	45.2	45.3	0.1	0.2%
43.2%	60.8	60.5	-0.3	-0.5%	43.2%	52.6	52.7	0.1	0.2%	43.2%	45.9	45.9	0.0	0.0%	43.2%	45.2	45.2	0.0	0.0%
44.4%	60.8	60.5	-0.3	-0.5%	44.4%	52.5	52.6	0.1	0.2%	44.4%	45.9	45.8	-0.1	-0.2%	44.4%	45.2	45.2	0.0	0.0%
45.7%	60.7	60.5	-0.2	-0.3%	45.7%	52.5	52.6	0.1	0.2%	45.7%	45.8	45.8	0.0	0.0%	45.7%	45.2	45.2	0.0	0.0%
46.9%	60.6	60.5	-0.1	-0.2%	46.9%	52.5	52.6	0.1	0.2%	46.9%	45.8	45.7	-0.1	-0.2%	46.9%	45.2	45.2	0.0	0.0%
48.1%	60.6	60.5	-0.1	-0.2%	48.1%	52.5	52.5	0.0	0.0%	48.1%	45.7	45.7	0.0	0.0%	48.1%	45.1	45.2	0.1	0.2%
49.4% 50.6%	60.6 60.5	60.5 60.4	-0.1 -0.1	-0.2% -0.2%	49.4% 50.6%	52.5 52.5	52.5 52.5	0.0	0.0%	49.4% 50.6%	45.7 45.7	45.6 45.5	-0.1 -0.2	-0.2% -0.4%	49.4% 50.6%	45.1 45.1	45.2 45.1	0.1	0.2%
51.9%	60.5	60.3	-0.2	-0.3%	51.9%	52.3	52.4	0.1	0.2%	51.9%	45.6	45.5	-0.1	-0.2%	51.9%	45.0	45.1	0.1	0.2%
53.1%	60.5	60.3	-0.2	-0.3%	53.1%	52.2	52.3	0.1	0.2%	53.1%	45.5	45.5	0.0	0.0%	53.1%	45.0	45.1	0.1	0.2%
54.3%	60.4	60.1	-0.3	-0.5%	54.3%	52.2	52.3	0.1	0.2%	54.3%	45.4	45.5	0.1	0.2%	54.3%	44.9	45.0	0.1	0.2%
55.6%	60.4	60.1	-0.3	-0.5%	55.6%	52.1	52.2	0.1	0.2%	55.6%	45.4	45.5	0.1	0.2%	55.6%	44.9	44.9	0.0	0.0%
56.8%	60.2	60.0	-0.2	-0.3%	56.8%	52.1	52.1	0.0	0.0%	56.8%	45.3	45.4	0.1	0.2%	56.8%	44.7	44.8	0.1	0.2%
58.0% 59.3%	60.1 60.0	59.9 59.9	-0.2 -0.1	-0.3% -0.2%	58.0% 59.3%	52.0 51.9	52.1 52.0	0.1 0.1	0.2% 0.2%	58.0% 59.3%	45.3 45.3	45.4 45.4	0.1	0.2%	58.0% 59.3%	44.5 44.5	44.6 44.5	0.1	0.2%
60.5%	60.0	59.8	-0.2	-0.3%	60.5%	51.9	52.0	0.1	0.2%	60.5%	45.2	45.3	0.1	0.2%	60.5%	44.4	44.5	0.1	0.2%
61.7%	60.0	59.8	-0.2	-0.3%	61.7%	51.8	51.9	0.1	0.2%	61.7%	45.2	45.3	0.1	0.2%	61.7%	44.4	44.5	0.1	0.2%
63.0%	60.0	59.8	-0.2	-0.3%	63.0%	51.8	51.9	0.1	0.2%	63.0%	45.1	45.3	0.2	0.4%	63.0%	44.4	44.5	0.1	0.2%
64.2%	60.0	59.8	-0.2	-0.3%	64.2%	51.7	51.9	0.2	0.4%	64.2%	45.1	45.2	0.1	0.2%	64.2%	44.4	44.4	0.0	0.0%
65.4% 66.7%	60.0 60.0	59.6 59.6	-0.4 -0.4	-0.7% -0.7%	65.4% 66.7%	51.6 51.6	51.8 51.6	0.2	0.4%	65.4% 66.7%	45.0 44.9	45.2 45.2	0.2	0.4%	65.4% 66.7%	44.4 44.4	44.4 44.3	0.0 -0.1	0.0%
67.9%	59.9	59.6	-0.3	-0.5%	67.9%	51.5	51.6	0.0	0.2%	67.9%	44.9	45.0	0.3	0.2%	67.9%	44.3	44.3	0.0	-0.2% 0.0%
69.1%	59.9	59.5	-0.4	-0.7%	69.1%	51.4	51.5	0.1	0.2%	69.1%	44.9	44.8	-0.1	-0.2%	69.1%	44.3	44.2	-0.1	-0.2%
70.4%	59.8	59.5	-0.3	-0.5%	70.4%	51.4	51.5	0.1	0.2%	70.4%	44.8	44.8	0.0	0.0%	70.4%	44.2	44.1	-0.1	-0.2%
71.6%	59.7	59.5	-0.2	-0.3%	71.6%	51.4	51.5	0.1	0.2%	71.6%	44.8	44.7	-0.1	-0.2%	71.6%	44.1	44.1	0.0	0.0%
72.8% 74.1%	59.6 59.5	59.4 59.4	-0.2 -0.1	-0.3% -0.2%	72.8% 74.1%	51.4 51.3	51.4 51.3	0.0	0.0%	72.8% 74.1%	44.7 44.6	44.6 44.5	-0.1 -0.1	-0.2% -0.2%	72.8% 74.1%	44.1 43.9	43.9 43.8	-0.2 -0.1	-0.5%
74.1% 75.3%	59.5 59.5	59.4 59.3	-0.1 -0.2	-0.2%	74.1% 75.3%	51.3 51.2	51.3 51.2	0.0	0.0%	74.1% 75.3%	44.6 44.6	44.5 44.5	-0.1 -0.1	-0.2%	74.1% 75.3%	43.9 43.7	43.8 43.7	-0.1	-0.2% 0.0%
76.5%	59.5	59.3	-0.2	-0.3%	76.5%	51.2	51.2	0.0	0.0%	76.5%	44.3	44.4	0.1	0.2%	76.5%	43.7	43.7	0.0	0.5%
77.8%	59.3	59.2	-0.1	-0.2%	77.8%	51.2	51.2	0.0	0.0%	77.8%	44.2	44.3	0.1	0.2%	77.8%	43.4	43.5	0.1	0.2%
79.0%	59.3	59.1	-0.2	-0.3%	79.0%	51.2	51.2	0.0	0.0%	79.0%	44.1	44.3	0.2	0.5%	79.0%	43.4	43.4	0.0	0.0%
80.2%	59.3	59.0	-0.3	-0.5%	80.2%	51.0	51.1	0.1	0.2%	80.2%	44.1	44.0	-0.1	-0.2%	80.2%	43.3	43.3	0.0	0.0%
81.5%	58.9	59.0	0.1	0.2%	81.5%	50.9	51.0	0.1	0.2%	81.5%	44.0	44.0	0.0	0.0%	81.5%	43.3	43.3	0.0	0.0%
82.7% 84.0%	58.8 58.7	58.7 58.7	-0.1 0.0	-0.2% 0.0%	82.7% 84.0%	50.9 50.9	51.0 50.9	0.1	0.2%	82.7% 84.0%	43.8 43.8	43.9 43.9	0.1	0.2%	82.7% 84.0%	43.2 43.2	43.2 43.1	0.0 -0.1	0.0% -0.2%
85.2%	58.7	58.6	-0.1	-0.2%	85.2%	50.9	50.8	0.0	0.0%	85.2%	43.4	43.9	0.1	1.2%	85.2%	43.2	43.1	-0.1	-0.2%
86.4%	58.6	58.6	0.0	0.0%	86.4%	50.8	50.8	0.0	0.0%	86.4%	43.4	43.6	0.2	0.5%	86.4%	42.9	42.9	0.0	0.0%
87.7%	58.6	58.6	0.0	0.0%	87.7%	50.7	50.7	0.0	0.0%	87.7%	43.3	43.3	0.0	0.0%	87.7%	42.9	42.9	0.0	0.0%
88.9%	58.6	58.6	0.0	0.0%	88.9%	50.7	50.6	-0.1	-0.2%	88.9%	43.2	43.2	0.0	0.0%	88.9%	42.8	42.8	0.0	0.0%
90.1%	58.5	58.5	0.0	0.0%	90.1%	50.7	50.6	-0.1	-0.2%	90.1%	42.9	43.2	0.3	0.7%	90.1%	42.8	42.8	0.0	0.0%
91.4% 92.6%	58.4 58.3	58.5 58.4	0.1 0.1	0.2%	91.4% 92.6%	50.3 50.2	50.5 50.3	0.2 0.1	0.4% 0.2%	91.4% 92.6%	42.9 42.9	43.2 43.0	0.3 0.1	0.7% 0.2%	91.4% 92.6%	42.3 42.3	42.8 42.2	0.5 -0.1	1.2% -0.2%
93.8%	58.3	58.3	0.0	0.2%	93.8%	50.2	50.2	0.1	0.2%	93.8%	42.8	42.5	-0.3	-0.7%	93.8%	41.9	42.2	0.1	0.2%
95.1%	58.1	58.1	0.0	0.0%	95.1%	50.0	49.9	-0.1	-0.2%	95.1%	42.4	42.4	0.0	0.0%	95.1%	41.5	41.6	0.1	0.2%
96.3%	58.1	58.0	-0.1	-0.2%	96.3%	49.7	49.6	-0.1	-0.2%	96.3%	41.8	41.9	0.1	0.2%	96.3%	41.5	41.5	0.0	0.0%
97.5%	58.0	57.9	-0.1	-0.2%	97.5%	49.3	49.2	-0.1	-0.2%	97.5%	41.5	41.6	0.1	0.2%	97.5%		39.8	0.1	0.3%
98.8%	57.9	57.9	0.0	0.0%	98.8%	48.1	48.0	-0.1	-0.2%	98.8%	40.4	40.6	0.2	0.5%	98.8%	39.0	39.0	0.0	0.0%
100.0%	57.9	57.9	0.0	0.0%	100.0%	48.1	48.0	-0.1	-0.2%	100.0%	40.4	40.6	0.2	0.5%	100.0%	39.0	39.0	0.0	0.0%

Table SQ-13-7b
Sacramento River at Feather River, Monthly Temperature
Probability of Exceedance

April

May

March

February

Percent		reditions			Percent		warcn			Percent		Aprii			Percent				
Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)				(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	53.2	53.0	-0.2	-0.4%	0.0%	60.0	60.0	0.0	0.0%	0.0%	65.3	65.5	0.2	0.3%	0.0%	72.5	72.9	0.4	0.6%
1.2%	52.4	52.4	0.0	0.0%	1.2%	58.8	58.8	0.0	0.0%	1.2%	64.9	65.3	0.4	0.6%	1.2%	70.9	71.1	0.2	0.3%
2.5%	52.4	52.1	-0.3	-0.6%	2.5%	57.2	57.5	0.3	0.5%	2.5%	64.7	65.2	0.5	0.8%	2.5%	70.8	71.0	0.2	0.3%
3.7%	51.9	52.1	0.2	0.4%	3.7%	57.1	57.3	0.2	0.4%	3.7%	64.6	64.6	0.0	0.0%	3.7%	70.0	70.4	0.4	0.6%
4.9%	51.9	51.8	-0.1	-0.2%	4.9%	57.1	57.2	0.1	0.2%	4.9%	64.5	64.4	-0.1	-0.2%	4.9%	70.0	69.7	-0.3	-0.4%
6.2% 7.4%	51.7 51.6	51.8 51.6	0.1	0.2%	6.2% 7.4%	57.0 57.0	57.2 57.1	0.2	0.4%	6.2% 7.4%	64.1 63.9	64.4 64.3	0.3	0.5%	6.2% 7.4%	69.3 69.1	69.5 69.3	0.2	0.3%
7.4% 8.6%	51.6 51.6	51.6 51.6	0.0	0.0%	7.4% 8.6%	57.0 56.9	57.1 57.0	0.1	0.2%	7.4% 8.6%	63.9	64.0	0.4	0.6%	7.4% 8.6%	69.0	69.3	0.2	0.4%
9.9%	51.3	51.4	0.0	0.0%	9.9%	56.9	57.0	0.1	0.2%	9.9%	63.9	63.9	0.0	0.2%	9.9%	69.0	69.2	0.3	0.4%
11.1%	51.3	51.3	0.0	0.0%	11.1%	56.8	56.9	0.1	0.2%	11.1%	63.4	63.4	0.0	0.0%	11.1%	69.0	69.1	0.1	0.1%
12.3%	51.2	51.2	0.0	0.0%	12.3%	56.5	56.9	0.4	0.7%	12.3%	63.2	63.2	0.0	0.0%	12.3%	68.6	68.5	-0.1	-0.1%
13.6%	51.1	51.2	0.1	0.2%	13.6%	56.2	56.9	0.7	1.2%	13.6%	63.1	63.1	0.0	0.0%	13.6%	68.6	68.4	-0.2	-0.3%
14.8%	51.1	51.1	0.0	0.0%	14.8%	56.1	56.5	0.4	0.7%	14.8%	62.9	63.1	0.2	0.3%	14.8%	68.3	68.2	-0.1	-0.1%
16.0%	51.0	51.1	0.1	0.2%	16.0%	56.0	56.2	0.2	0.4%	16.0%	62.9	63.1	0.2	0.3%	16.0%	68.2	68.2	0.0	0.0%
17.3%	50.9	51.1	0.2	0.4%	17.3%	56.0	56.0	0.0	0.0%	17.3%	62.8	63.0	0.2	0.3%	17.3%	68.0	68.0	0.0	0.0%
18.5%	50.9	51.0	0.1	0.2%	18.5%	55.8	56.0	0.2	0.4%	18.5%	62.8	62.8	0.0	0.0%	18.5%	67.8	68.0	0.2	0.3%
19.8%	50.8	50.8	0.0	0.0%	19.8%	55.8	56.0	0.2	0.4%	19.8%	62.6	62.7	0.1	0.2%	19.8%	67.7	67.9	0.2	0.3%
21.0%	50.8	50.8	0.0	0.0%	21.0%	55.7	55.9	0.2	0.4%	21.0%	62.5	62.5	0.0	0.0%	21.0%	67.5	67.8	0.3	0.4%
22.2%	50.6	50.8	0.2	0.4%	22.2%	55.7	55.9	0.2	0.4%	22.2%	62.4	62.4	0.0	0.0%	22.2%	67.5	67.7	0.2	0.3%
23.5%	50.6	50.7	0.1	0.2%	23.5%	55.6	55.7	0.1	0.2%	23.5%	62.3	62.4	0.1	0.2%	23.5%	67.5	67.6	0.1	0.1%
24.7%	50.6	50.7	0.1	0.2%	24.7%	55.4	55.7	0.3	0.5%	24.7%	62.3	62.3	0.0	0.0%	24.7%	67.4	67.5	0.1	0.1%
25.9%	50.5	50.5	0.0	0.0%	25.9%	55.4	55.6	0.2	0.4%	25.9%	62.2	62.3	0.1	0.2%	25.9%	67.3	67.4	0.1	0.1%
27.2%	50.5	50.3	-0.2	-0.4%	27.2%	55.2	55.4 55.3	0.2	0.4%	27.2%	62.2	62.3	0.1	0.2%	27.2%	67.3	67.4	0.1	0.1%
28.4%	50.3	50.3	0.0	0.0%	28.4%	55.1		0.2	0.4%	28.4%	62.2	62.1	-0.1	-0.2%	28.4%	67.3	67.3	0.0	0.0%
29.6% 30.9%	50.3 50.2	50.1 50.1	-0.2	-0.4% -0.2%	29.6% 30.9%	55.0 55.0	55.2 55.2	0.2	0.4%	29.6% 30.9%	62.0	61.9 61.9	-0.1 0.1	-0.2% 0.2%	29.6% 30.9%	67.3 67.2	67.3 67.2	0.0	0.0%
30.9%	50.2 50.0	50.1 50.0	-0.1 0.0	-0.2%	30.9%	55.U 54.9	55.2 55.1	0.2	0.4%	30.9%	61.8 61.8	61.9	0.1	0.2%	30.9%	67.1	67.1	0.0	0.0%
33.3%	50.0	50.0	0.0	0.0%	33.3%	54.9	55.1	0.2	0.4%	33.3%	61.6	61.7	0.1	0.2%	33.3%	67.1	67.1	0.0	0.0%
34.6%	50.0	50.0	0.0	0.0%	33.3%	54.9	55.1 55.0	0.2	0.4%	33.3%	61.6	61.6	0.0	0.0%	33.3%	67.0	67.0	0.0	0.0%
35.8%	49.9	50.0	0.1	0.2%	35.8%	54.8	55.0	0.2	0.4%	35.8%	61.4	61.5	0.0	0.2%	35.8%	66.9	66.9	0.0	0.0%
37.0%	49.8	50.0	0.2	0.4%	37.0%	54.7	55.0	0.3	0.5%	37.0%	61.4	61.4	0.0	0.0%	37.0%	66.8	66.9	0.1	0.1%
38.3%	49.7	49.9	0.2	0.4%	38.3%	54.6	54.9	0.3	0.5%	38.3%	61.3	61.4	0.1	0.2%	38.3%	66.8	66.8	0.0	0.0%
39.5%	49.6	49.7	0.1	0.2%	39.5%	54.5	54.9	0.4	0.7%	39.5%	61.2	61.3	0.1	0.2%	39.5%	66.7	66.8	0.1	0.1%
40.7%	49.6	49.7	0.1	0.2%	40.7%	54.5	54.8	0.3	0.6%	40.7%	61.2	61.3	0.1	0.2%	40.7%	66.7	66.7	0.0	0.0%
42.0%	49.5	49.6	0.1	0.2%	42.0%	54.4	54.7	0.3	0.6%	42.0%	61.2	61.2	0.0	0.0%	42.0%	66.7	66.7	0.0	0.0%
43.2%	49.4	49.6	0.2	0.4%	43.2%	54.3	54.6	0.3	0.6%	43.2%	61.1	61.2	0.1	0.2%	43.2%	66.7	66.7	0.0	0.0%
44.4%	49.4	49.4	0.0	0.0%	44.4%	54.2	54.3	0.1	0.2%	44.4%	60.9	61.2	0.3	0.5%	44.4%	66.7	66.6	-0.1	-0.1%
45.7%	49.4	49.4	0.0	0.0%	45.7%	54.2	54.3	0.1	0.2%	45.7%	60.9	61.0	0.1	0.2%	45.7%	66.6	66.6	0.0	0.0%
46.9%	49.3	49.4	0.1	0.2%	46.9%	54.2	54.2	0.0	0.0%	46.9%	60.9	61.0	0.1	0.2%	46.9%	66.4	66.5	0.1	0.2%
48.1%	49.3	49.3	0.0	0.0%	48.1%	54.2	54.2	0.0	0.0%	48.1%	60.6	60.8	0.2	0.3%	48.1%	66.4	66.5	0.1	0.2%
49.4%	49.3	49.3	0.0	0.0%	49.4%	54.1	54.2	0.1	0.2%	49.4%	60.6	60.7	0.1	0.2%	49.4%	66.3	66.4	0.1	0.2%
50.6%	49.3	49.3	0.0	0.0%	50.6%	54.1	54.1	0.0	0.0%	50.6%	60.5	60.6	0.1	0.2%	50.6%	66.3	66.3	0.0	0.0%
51.9%	49.2 49.2	49.3 49.3	0.1	0.2%	51.9%	54.0 54.0	54.1 54.1	0.1	0.2%	51.9%	60.5	60.6 60.5	0.1	0.2%	51.9%	66.2 66.1	66.2 66.0	0.0	0.0%
53.1% 54.3%	49.2	49.3	0.1 0.1	0.2% 0.2%	53.1% 54.3%	53.9	54.1	0.1	0.2%	53.1% 54.3%	60.4 60.4	60.5	0.1 0.1	0.2% 0.2%	53.1% 54.3%	66.1	66.0	-0.1 -0.1	-0.2% -0.2%
55.6%	49.1	49.2	0.1	0.2%	55.6%	53.9	54.0	0.2	0.4%	55.6%	60.4	60.4	0.0	0.0%	55.6%	65.8	65.9	0.1	0.2%
56.8%	49.1	49.2	0.1	0.2%	56.8%	53.9	53.9	0.0	0.0%	56.8%	60.3	60.4	0.1	0.2%	56.8%	65.7	65.8	0.1	0.2%
58.0%	49.1	49.2	0.1	0.2%	58.0%	53.8	53.9	0.1	0.2%	58.0%	60.1	60.3	0.2	0.3%	58.0%	65.7	65.7	0.0	0.0%
59.3%	49.1	49.2	0.1	0.2%	59.3%	53.7	53.9	0.2	0.4%	59.3%	60.1	60.2	0.1	0.2%	59.3%	65.6	65.5	-0.1	-0.2%
60.5%	49.0	49.1	0.1	0.2%	60.5%	53.7	53.9	0.2	0.4%	60.5%	60.0	60.2	0.2	0.3%	60.5%	65.5	65.4	-0.1	-0.2%
61.7%	49.0	49.1	0.1	0.2%	61.7%	53.7	53.8	0.1	0.2%	61.7%	59.9	60.1	0.2	0.3%	61.7%	65.5	65.4	-0.1	-0.2%
63.0%	48.9	49.0	0.1	0.2%	63.0%	53.7	53.6	-0.1	-0.2%	63.0%	59.8	60.1	0.3	0.5%	63.0%	65.2	65.3	0.1	0.2%
64.2%	48.9	48.9	0.0	0.0%	64.2%	53.5	53.5	0.0	0.0%	64.2%	59.6	59.6	0.0	0.0%	64.2%	65.1	65.1	0.0	0.0%
65.4%	48.9	48.9	0.0	0.0%	65.4%	53.4	53.4	0.0	0.0%	65.4%	59.6	59.6	0.0	0.0%	65.4%	65.0	65.0	0.0	0.0%
66.7%	48.8	48.9	0.1	0.2%	66.7%	53.4	53.4	0.0	0.0%	66.7%	59.4	59.5	0.1	0.2%	66.7%	65.0	65.0	0.0	0.0%
67.9%	48.7	48.8	0.1	0.2%	67.9%	53.2	53.4	0.2	0.4%	67.9%	59.3	59.3	0.0	0.0%	67.9%	65.0	64.9	-0.1	-0.2%
69.1%	48.7	48.8	0.1	0.2%	69.1%	53.0	53.2	0.2	0.4%	69.1%	59.3	59.2	-0.1	-0.2%	69.1%	64.9	64.9	0.0	0.0%
70.4% 71.6%	48.7 48.7	48.8 48.7	0.1	0.2%	70.4% 71.6%	52.9 52.9	53.2 53.0	0.3	0.6%	70.4% 71.6%	59.2 59.0	59.2 59.1	0.0	0.0%	70.4% 71.6%	64.8 64.6	64.7 64.7	-0.1 0.1	-0.2% 0.2%
71.6%	48.7 48.6	48.7 48.7	0.0	0.0%	71.6%	52.9 52.7	53.0	0.1	0.6%	71.6%	58.9	59.1 58.9	0.1	0.2%	71.6%	64.5	64.5	0.1	0.2%
74.1%	48.6	48.6	0.0	0.2%	74.1%	52.7	53.0	0.3	0.6%	74.1%	58.8	58.8	0.0	0.0%	74.1%	64.4	64.4	0.0	0.0%
75.3%	48.4	48.5	0.1	0.2%	75.3%	52.7	52.8	0.3	0.6%	75.3%	58.6	58.6	0.0	0.0%	75.3%	64.4	64.3	-0.1	-0.2%
76.5%	48.4	48.4	0.0	0.0%	76.5%	52.4	52.7	0.3	0.6%	76.5%	58.5	58.5	0.0	0.0%	76.5%	64.1	64.1	0.0	0.0%
77.8%	48.3	48.3	0.0	0.0%	77.8%	52.3	52.4	0.1	0.2%	77.8%	58.4	58.4	0.0	0.0%	77.8%	63.9	64.0	0.1	0.2%
79.0%	48.3	48.3	0.0	0.0%	79.0%	52.1	52.3	0.2	0.4%	79.0%	58.0	58.2	0.2	0.3%	79.0%	63.6	63.9	0.3	0.5%
80.2%	48.3	48.1	-0.2	-0.4%	80.2%	52.1	52.1	0.0	0.0%	80.2%	57.8	58.0	0.2	0.3%	80.2%	63.6	63.6	0.0	0.0%
81.5%	48.1	48.1	0.0	0.0%	81.5%	52.0	52.1	0.1	0.2%	81.5%	57.7	57.9	0.2	0.3%	81.5%	63.5	63.4	-0.1	-0.2%
82.7%	48.0	48.1	0.1	0.2%	82.7%	52.0	52.0	0.0	0.0%	82.7%	57.7	57.7	0.0	0.0%	82.7%	63.0	63.4	0.4	0.6%
84.0%	48.0	48.0	0.0	0.0%	84.0%	51.9	52.0	0.1	0.2%	84.0%	57.5	57.5	0.0	0.0%	84.0%	63.0	63.3	0.3	0.5%
85.2%	48.0	48.0	0.0	0.0%	85.2%	51.9	51.9	0.0	0.0%	85.2%	57.4	57.5	0.1	0.2%	85.2%	62.9	63.0	0.1	0.2%
86.4%	47.9	48.0	0.1	0.2%	86.4%	51.9	51.9	0.0	0.0%	86.4%	57.4	57.5	0.1	0.2%	86.4%	62.8	62.9	0.1	0.2%
87.7%	47.8	47.7	-0.1	-0.2%	87.7%	51.8	51.9	0.1	0.2%	87.7%	57.4	57.4	0.0	0.0%	87.7%	62.8	62.8	0.0	0.0%
88.9%	47.7	47.6	-0.1	-0.2%	88.9%	51.7	51.9	0.2	0.4%	88.9%	57.3	57.3	0.0	0.0%	88.9%	62.8	62.8	0.0	0.0%
90.1%	47.6	47.5	-0.1	-0.2%	90.1%	51.6	51.9	0.3	0.6%	90.1%	57.0	57.1	0.1	0.2%	90.1%	62.7	62.8	0.1	0.2%
91.4%	47.5	47.5 47.4	0.0	0.0%	91.4%	51.5	51.6	0.1	0.2%	91.4%	57.0	57.0	0.0	0.0%	91.4%	62.5	62.7	0.2	0.3%
92.6% 93.8%	47.4 47.2	47.4 47.2	0.0	0.0%	92.6% 93.8%	51.4 51.4	51.6 51.3	0.2 -0.1	0.4% -0.2%	92.6% 93.8%	56.4 56.2	56.6 56.4	0.2	0.4%	92.6% 93.8%	62.4 62.2	62.5 62.4	0.1	0.2%
93.8%	47.2 47.2	47.2 47.1	-0.1	-0.2%	93.8% 95.1%	51.4 51.3	51.3 51.3	-0.1	-0.2%	93.8% 95.1%	56.2 56.2	56.4 56.2	0.2	0.4%	93.8% 95.1%	62.2 62.1	62.4 62.2	0.2	0.3%
95.1%	47.1	47.1	0.0	0.0%	96.3%	51.2	51.3	0.0	0.0%	96.3%	56.0	56.0	0.0	0.0%	96.3%	61.7	61.8	0.1	0.2%
97.5%	47.0	47.1	0.0	0.2%	97.5%	51.2	51.2	-0.1	-0.2%	97.5%	54.9	54.9	0.0	0.0%	97.5%	61.6	61.6	0.0	0.2%
98.8%	46.3	46.2	-0.1	-0.2%	98.8%	51.0	51.0	0.0	0.0%	98.8%	54.3	54.3	0.0	0.0%	98.8%	59.4	59.4	0.0	0.0%
100.0%	46.3	46.2	-0.1	-0.2%	100.0%	51.0	51.0	0.0	0.0%	100.0%	54.3	54.3	0.0	0.0%	100.0%	59.4	59.4	0.0	0.0%

Table SQ-13-7b
Sacramento River at Feather River, Monthly Temperature
Probability of Exceedance

		June					July		Probabili	y of Exceedance		August					September		
Percent	No Action Alternative	Alternative C	Absolute		Percent	No Action Alternative	Alternative C	Absolute		Percent	No Action Alternative	Alternative C	Absolute		Percent	No Action Alternative	Alternative C	Absolute	
Exceedance Probability			Difference	Relative Difference (%)	Exceedance Probability		Monthly Temperature	Difference	Relative Difference (%)	Exceedance Probability			Difference	Relative Difference (%)	Exceedanc Probability		Monthly Temperature	- Difference	Relative Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (%)	(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (%)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	73.5 73.4	73.9	0.4	0.5%	0.0%	76.9	76.3	-0.6	-0.8%	0.0%	75.4	74.8 74.5	-0.6	-0.8%	0.0%	73.5	73.4	-0.1	-0.1%
1.2% 2.5%	73.4	73.4 73.4	0.0	0.0%	1.2% 2.5%	76.0 75.3	76.0 75.0	0.0 -0.3	0.0%	1.2% 2.5%	75.4 75.3	74.5 74.5	-0.9 -0.8	-1.2% -1.1%	1.2% 2.5%	72.9 71.5	72.6 71.3	-0.3 -0.2	-0.4% -0.3%
3.7%	73.2	73.2	0.0	0.0%	3.7%	74.7	74.9	0.2	0.3%	3.7%	74.4	74.2	-0.2	-0.3%	3.7%	71.1	70.9	-0.2	-0.3%
4.9% 6.2%	73.1 73.0	73.1 73.0	0.0	0.0%	4.9% 6.2%	74.7 74.7	74.5 74.0	-0.2 -0.7	-0.3% -0.9%	4.9% 6.2%	74.1 74.0	74.2 74.1	0.1	0.1% 0.1%	4.9% 6.2%	71.1 70.9	70.9 70.8	-0.2 -0.1	-0.3% -0.1%
7.4%	72.8	72.9	0.1	0.1%	7.4%	74.5	73.9	-0.6	-0.8%	7.4%	74.0	73.8	-0.2	-0.3%	7.4%	70.9	70.7	-0.2	-0.3%
8.6% 9.9%	72.7 72.5	72.6 72.5	-0.1 0.0	-0.1% 0.0%	8.6% 9.9%	73.9 73.8	73.8 73.7	-0.1 -0.1	-0.1% -0.1%	8.6% 9.9%	73.8 73.8	73.8 73.5	0.0 -0.3	-0.4%	8.6% 9.9%	70.7 70.7	70.6 70.4	-0.1 -0.3	-0.1% -0.4%
11.1%	72.4	72.2	-0.2	-0.3%	11.1%	73.8	73.6	-0.1	-0.1%	11.1%	73.8	73.5	-0.3	-0.4%	11.1%	70.7	70.4	-0.5	-0.4%
12.3%	72.3	72.2	-0.1	-0.1%	12.3%	73.8	73.3	-0.5	-0.7%	12.3%	73.7	73.3	-0.4	-0.5%	12.3%	70.6	70.0	-0.6	-0.8%
13.6% 14.8%	72.1 72.1	72.1 72.0	0.0 -0.1	0.0%	13.6% 14.8%	73.8 73.7	73.3 73.3	-0.5 -0.4	-0.7% -0.5%	13.6% 14.8%	73.4 73.4	73.0 73.0	-0.4 -0.4	-0.5% -0.5%	13.6% 14.8%	70.4 70.3	69.9 69.5	-0.5 -0.8	-0.7% -1.1%
16.0%	71.8	72.0	0.2	0.3%	16.0%	73.6	73.1	-0.5	-0.7%	16.0%	73.4	72.9	-0.5	-0.7%	16.0%	70.1	69.4	-0.7	-1.0%
17.3%	71.8	71.7	-0.1	-0.1%	17.3%	73.5	73.0	-0.5	-0.7%	17.3%	73.3	72.9	-0.4	-0.5%	17.3%	70.0	69.2	-0.8	-1.1%
18.5% 19.8%	71.6 71.5	71.7 71.5	0.1	0.1%	18.5% 19.8%	73.5 73.5	73.0 73.0	-0.5 -0.5	-0.7% -0.7%	18.5% 19.8%	73.2 73.0	72.8 72.7	-0.4 -0.3	-0.5% -0.4%	18.5% 19.8%	69.9 69.7	69.1 69.1	-0.8 -0.6	-1.1% -0.9%
21.0%	71.5	71.3	-0.2	-0.3%	21.0%	73.4	72.9	-0.5	-0.7%	21.0%	73.0	72.6	-0.4	-0.5%	21.0%	69.7	69.1	-0.6	-0.9%
22.2% 23.5%	71.3 71.2	71.1 71.1	-0.2 -0.1	-0.3% -0.1%	22.2% 23.5%	73.4 73.3	72.9 72.6	-0.5 -0.7	-0.7% -1.0%	22.2% 23.5%	72.9 72.7	72.3 72.3	-0.6 -0.4	-0.8% -0.6%	22.2% 23.5%	69.7 69.5	69.1 69.0	-0.6 -0.5	-0.9% -0.7%
24.7%	71.2	71.1	-0.1	-0.1%	24.7%	73.1	72.6	-0.5	-0.7%	24.7%	72.7	72.3	-0.4	-0.6%	24.7%	69.4	69.0	-0.4	-0.6%
25.9% 27.2%	71.1 71.1	71.1 71.0	0.0 -0.1	-0.1%	25.9% 27.2%	73.1 73.1	72.5 72.5	-0.6 -0.6	-0.8% -0.8%	25.9% 27.2%	72.6 72.6	72.2 72.2	-0.4 -0.4	-0.6% -0.6%	25.9% 27.2%	69.3 69.2	69.0 69.0	-0.3 -0.2	-0.4% -0.3%
28.4%	71.0	71.0	0.0	0.0%	28.4%	73.1	72.5	-0.6	-0.5%	28.4%	72.6	72.2	-0.4	-0.6%	28.4%	69.1	68.9	-0.2	-0.3%
29.6%	71.0	70.8	-0.2	-0.3%	29.6%	72.9	72.4	-0.5	-0.7%	29.6%	72.5	72.1	-0.4	-0.6%	29.6%	69.0	68.9	-0.1	-0.1%
30.9% 32.1%	71.0 71.0	70.8 70.8	-0.2 -0.2	-0.3% -0.3%	30.9% 32.1%	72.9 72.9	72.3 72.3	-0.6 -0.6	-0.8%	30.9% 32.1%	72.4 72.3	72.1 72.0	-0.3 -0.3	-0.4% -0.4%	30.9% 32.1%	68.9 68.9	68.8 68.8	-0.1 -0.1	-0.1% -0.1%
33.3%	70.8	70.8	0.0	0.0%	33.3%	72.8	72.3	-0.5	-0.7%	33.3%	72.2	72.0	-0.2	-0.3%	33.3%	68.7	68.5	-0.2	-0.3%
34.6% 35.8%	70.8 70.8	70.7 70.7	-0.1 -0.1	-0.1% -0.1%	34.6% 35.8%	72.8 72.6	72.3 72.3	-0.5 -0.3	-0.7% -0.4%	34.6% 35.8%	72.1 72.1	71.7 71.7	-0.4 -0.4	-0.6% -0.6%	34.6% 35.8%	68.7 68.6	68.5 68.4	-0.2 -0.2	-0.3% -0.3%
37.0%	70.7	70.6	-0.1	-0.1%	37.0%	72.6	72.2	-0.4	-0.6%	37.0%	72.0	71.4	-0.4	-0.8%	37.0%	68.5	68.2	-0.2	-0.4%
38.3%	70.7	70.6	-0.1	-0.1%	38.3%	72.5	72.2	-0.3	-0.4%	38.3%	71.8	71.4	-0.4	-0.6%	38.3%	68.5	68.1	-0.4	-0.6%
39.5% 40.7%	70.7 70.7	70.5 70.5	-0.2 -0.2	-0.3% -0.3%	39.5% 40.7%	72.5 72.5	71.9 71.9	-0.6 -0.6	-0.8% -0.8%	39.5% 40.7%	71.8 71.7	71.4 71.4	-0.4 -0.3	-0.6% -0.4%	39.5% 40.7%	68.5 68.3	68.0 67.8	-0.5 -0.5	-0.7% -0.7%
42.0%	70.7	70.5	-0.2	-0.3%	42.0%	72.4	71.9	-0.5	-0.7%	42.0%	71.6	71.4	-0.2	-0.3%	42.0%	68.2	67.8	-0.4	-0.6%
43.2% 44.4%	70.7 70.6	70.5 70.4	-0.2 -0.2	-0.3%	43.2% 44.4%	72.4 72.3	71.8 71.7	-0.6 -0.6	-0.8%	43.2% 44.4%	71.6 71.6	71.3 71.3	-0.3 -0.3	-0.4%	43.2% 44.4%	67.9 67.9	67.8 67.5	-0.1 -0.4	-0.1%
45.7%	70.6	70.4	-0.2	-0.3%	45.7%	72.3	71.7	-0.6	-0.8%	45.7%	71.5	71.1	-0.4	-0.6%	45.7%	67.8	67.3	-0.5	-0.7%
46.9% 48.1%	70.4 70.4	70.3 70.3	-0.1	-0.1%	46.9%	72.1	71.7	-0.4 -0.4	-0.6%	46.9% 48.1%	71.4 71.3	71.1 71.0	-0.3	-0.4%	46.9%	67.6	67.3 67.3	-0.3 -0.2	-0.4%
49.4%	70.4	70.3	-0.1 0.0	-0.1% 0.0%	48.1% 49.4%	72.1 72.1	71.7 71.6	-0.4	-0.6% -0.7%	49.4%	71.3	71.0	-0.3 -0.3	-0.4% -0.4%	48.1% 49.4%	67.5 67.5	67.1	-0.2	-0.3% -0.6%
50.6%	70.2	70.3	0.1	0.1%	50.6%	72.0	71.6	-0.4	-0.6%	50.6%	71.3	71.0	-0.3	-0.4%	50.6%	67.3	67.0	-0.3	-0.4%
51.9% 53.1%	70.2 70.1	70.2 70.1	0.0	0.0%	51.9% 53.1%	72.0 72.0	71.5 71.5	-0.5 -0.5	-0.7% -0.7%	51.9% 53.1%	71.3 71.3	71.0 70.9	-0.3 -0.4	-0.4% -0.6%	51.9% 53.1%	67.3 67.2	67.0 66.9	-0.3 -0.3	-0.4% -0.4%
54.3%	70.1	70.1	0.0	0.0%	54.3%	71.8	71.5	-0.3	-0.4%	54.3%	71.2	70.8	-0.4	-0.6%	54.3%	67.2	66.8	-0.4	-0.6%
55.6% 56.8%	70.1 70.1	70.1 70.1	0.0	0.0%	55.6% 56.8%	71.8 71.8	71.5 71.4	-0.3 -0.4	-0.4% -0.6%	55.6% 56.8%	71.1 71.0	70.7 70.7	-0.4 -0.3	-0.6% -0.4%	55.6% 56.8%	67.2 67.0	66.7 66.7	-0.5 -0.3	-0.7% -0.4%
58.0%	70.1	70.1	-0.1	-0.1%	58.0%	71.0	71.4	-0.4	-0.6%	58.0%	71.0	70.7	-0.3	-0.4%	58.0%	66.9	66.4	-0.5	-0.4%
59.3%	70.0	70.0	0.0	0.0%	59.3%	71.7	71.3	-0.4	-0.6%	59.3%	70.9	70.6	-0.3	-0.4%	59.3%	66.7	66.3	-0.4	-0.6%
60.5% 61.7%	69.9 69.9	69.9 69.9	0.0	0.0%	60.5% 61.7%	71.6 71.6	71.3 71.1	-0.3 -0.5	-0.4% -0.7%	60.5% 61.7%	70.8 70.8	70.6 70.6	-0.2 -0.2	-0.3% -0.3%	60.5% 61.7%	66.7 66.6	66.3 66.2	-0.4 -0.4	-0.6% -0.6%
63.0%	69.8	69.8	0.0	0.0%	63.0%	71.6	70.9	-0.7	-1.0%	63.0%	70.7	70.6	-0.1	-0.1%	63.0%	66.5	66.2	-0.3	-0.5%
64.2% 65.4%	69.8 69.6	69.8 69.8	0.0	0.0%	64.2% 65.4%	71.6 71.5	70.8 70.8	-0.8 -0.7	-1.1% -1.0%	64.2% 65.4%	70.7 70.7	70.6 70.5	-0.1 -0.2	-0.1% -0.3%	64.2% 65.4%	66.4 66.4	66.2 66.2	-0.2 -0.2	-0.3% -0.3%
66.7%	69.6	69.7	0.1	0.1%	66.7%	71.5	70.7	-0.8	-1.1%	66.7%	70.6	70.5	-0.1	-0.1%	66.7%	66.3	66.1	-0.2	-0.3%
67.9%	69.5	69.5	0.0	0.0%	67.9%	71.4	70.7	-0.7	-1.0%	67.9%	70.5	70.5	0.0	0.0%	67.9%	66.2	66.1	-0.1	-0.2%
69.1% 70.4%	69.4 69.4	69.5 69.2	0.1 -0.2	0.1% -0.3%	69.1% 70.4%	71.4 71.3	70.7 70.6	-0.7 -0.7	-1.0% -1.0%	69.1% 70.4%	70.5 70.5	70.3 70.2	-0.2 -0.3	-0.3% -0.4%	69.1% 70.4%	66.2 66.1	65.9 65.8	-0.3 -0.3	-0.5% -0.5%
71.6%	69.3	69.1	-0.2	-0.3%	71.6%	71.2	70.6	-0.6	-0.8%	71.6%	70.4	70.2	-0.2	-0.3%	71.6%	66.1	65.7	-0.4	-0.6%
72.8% 74.1%	69.2 69.2	69.0 68.9	-0.2 -0.3	-0.3% -0.4%	72.8% 74.1%	71.2 71.1	70.6 70.6	-0.6 -0.5	-0.8% -0.7%	72.8% 74.1%	70.3 70.3	70.2 70.2	-0.1 -0.1	-0.1% -0.1%	72.8% 74.1%	66.1 66.0	65.7 65.7	-0.4 -0.3	-0.6% -0.5%
75.3%	69.2	68.9	-0.3	-0.4%	75.3%	71.1	70.6	-0.5	-0.7%	75.3%	70.2	70.0	-0.2	-0.3%	75.3%	66.0	65.6	-0.4	-0.6%
76.5% 77.8%	69.0 69.0	68.9 68.9	-0.1 -0.1	-0.1% -0.1%	76.5% 77.8%	71.1 71.0	70.6 70.5	-0.5 -0.5	-0.7% -0.7%	76.5% 77.8%	70.2 70.1	69.9 69.9	-0.3 -0.2	-0.4% -0.3%	76.5%	65.9 65.8	65.6 65.6	-0.3 -0.2	-0.5% -0.3%
77.8%	69.0	68.9	-0.1	-0.1%	77.8%	71.0	70.5	-0.5	-0.7%	77.8%	70.1 70.1	69.9	-0.2	-0.3%	77.8% 79.0%	65.8	65.6	-0.2	-0.3%
80.2%	69.0	68.8	-0.2	-0.3%	80.2%	70.8	70.2	-0.6	-0.8%	80.2%	70.1	69.8	-0.3	-0.4%	80.2%	65.8	65.6	-0.2	-0.3%
81.5% 82.7%	68.9 68.8	68.6 68.6	-0.3 -0.2	-0.4% -0.3%	81.5% 82.7%	70.8 70.6	70.1 70.1	-0.7 -0.5	-1.0% -0.7%	81.5% 82.7%	70.0 70.0	69.8 69.8	-0.2 -0.2	-0.3% -0.3%	81.5% 82.7%	65.5 65.5	65.4 65.3	-0.1 -0.2	-0.2% -0.3%
84.0%	68.8	68.6	-0.2	-0.3%	84.0%	70.6	70.1	-0.5	-0.7%	84.0%	70.0	69.8	-0.2	-0.3%	84.0%	65.4	65.3	-0.1	-0.2%
85.2%	68.6	68.2	-0.4	-0.6%	85.2%	70.5	70.0	-0.5	-0.7%	85.2%	69.9	69.7	-0.2	-0.3%	85.2%	65.2	65.2	0.0	0.0%
86.4% 87.7%	68.6 68.2	68.0 68.0	-0.6 -0.2	-0.9% -0.3%	86.4% 87.7%	70.4 70.2	69.8 69.3	-0.6 -0.9	-0.9% -1.3%	86.4% 87.7%	69.9 69.9	69.7 69.7	-0.2 -0.2	-0.3% -0.3%	86.4% 87.7%	65.2 64.8	65.2 65.2	0.0 0.4	0.0%
88.9%	67.8	67.8	0.0	0.0%	88.9%	69.9	69.3	-0.6	-0.9%	88.9%	69.7	69.6	-0.1	-0.1%	88.9%	64.6	64.8	0.2	0.3%
90.1%	67.7 67.3	67.6 67.6	-0.1 0.3	-0.1% 0.4%	90.1% 91.4%	69.9 69.9	69.3 69.3	-0.6 -0.6	-0.9% -0.9%	90.1% 91.4%	69.5 69.5	69.5 69.3	0.0 -0.2	-0.3%	90.1%	64.5 64.5	64.7 63.5	-1.0	0.3%
92.6%	67.3	67.1	-0.2	-0.3%	92.6%	69.8	69.2	-0.6	-0.9%	92.6%	69.4	69.1	-0.3	-0.4%	92.6%	63.8	63.5	-0.3	-0.5%
93.8%	67.2	67.1	-0.1	-0.1%	93.8%	69.7	69.0	-0.7	-1.0%	93.8%	69.4	69.1	-0.3	-0.4%	93.8%	63.5	63.2	-0.3	-0.5%
95.1% 96.3%	66.9 66.4	66.7 66.3	-0.2 -0.1	-0.3% -0.2%	95.1% 96.3%	69.7 69.0	68.9 68.1	-0.8 -0.9	-1.1% -1.3%	95.1% 96.3%	69.3 69.1	69.0 68.9	-0.3 -0.2	-0.4% -0.3%	95.1% 96.3%	63.0 62.6	62.7 62.4	-0.3 -0.2	-0.5% -0.3%
97.5%	66.3	66.0	-0.3	-0.5%	97.5%	68.9	67.8	-1.1	-1.6%	97.5%	68.7	68.8	0.1	0.1%	97.5%	62.4	62.3	-0.1	-0.2%
98.8% 100.0%	66.3 66.3	65.8 65.8	-0.5 -0.5	-0.8%	98.8% 100.0%	68.0 68.0	67.3 67.3	-0.7 -0.7	-1.0%	98.8%	68.0 68.0	68.3 68.3	0.3	0.4%	98.8% 100.0%	61.8 61.8	61.7 61.7	-0.1 -0.1	-0.2%
100.0%	00.3	0.00	+0.5	-0.8%	100.0%	0.00	07.3	*0.7	-1.0%	100.0%	00.0	00.3	0.3	U.4%	100.0%	01.0	01./	-0.1	-0.2%

Table SQ-14-7a
Sacramento River at Freeport, Monthly Temperature
Long-term Average and Average by Water Year Type

		Long	term Ave	rage and <i>i</i>	werage b	y water ye	arrype							
	Monthly Temperature (DEG-F) Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Long-term													
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		
				Loi	ng-term									
Full Simulation Period ¹														
No Action Alternative	61.2	53.2	45.8	45.0	49.7	54.5	60.7	66.2	70.4	72.5	72.0	68.1		
Alternative C	61.1	53.2	45.9	45.0	49.7	54.7	60.8	66.2	70.4	72.1	71.8	67.8		
Difference	-0.2	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	-0.3	-0.3	-0.3		
Percent Difference ³	-0.2%	0.0%	0.1%	0.1%	0.1%	0.2%	0.1%	0.1%	0.0%	-0.4%	-0.4%	-0.4%		
				Water Y	ear Types	2								
Wet (32%)														
No Action Alternative	60.7	53.8	46.4	45.9	49.5	53.4	58.6	64.4	69.0	72.6	72.0	66.2		
Alternative C	60.5	53.8	46.5	45.9	49.5	53.4	58.6	64.4	68.9	72.3	72.0	66.0		
Difference	-0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	0.0	-0.2		
Percent Difference	-0.3%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.3%	0.0%	-0.39		
Above Normal (15%)														
No Action Alternative	60.5	52.1	45.6	45.1	49.5	54.1	60.6	66.4	70.6	71.5	71.1	67.1		
Alternative C	60.3	52.0	45.7	45.2	49.6	54.2	60.6	66.4	70.7	71.0	71.0	67.0		
Difference	-0.2	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	-0.5	0.0	0.0		
Percent Difference	-0.4%	0.0%	0.1%	0.1%	0.2%	0.2%	0.1%	0.1%	0.1%	-0.7%	0.0%	-0.1%		
Below Normal (17%)														
No Action Alternative	60.9	53.1	45.9	44.3	49.0	54.6	61.2	66.2	70.7	72.1	72.2	69.4		
Alternative C	60.7	53.1	45.9	44.3	49.0	54.8	61.2	66.2	70.8	71.8	72.0	69.0		
Difference	-0.2	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.1	-0.3	-0.1	-0.4		
Percent Difference	-0.3%	0.0%	0.1%	0.1%	0.1%	0.3%	0.0%	0.0%	0.1%	-0.4%	-0.2%	-0.6%		
Dry (22%)														
No Action Alternative	61.4	53.2	45.8	44.2	49.7	55.3	62.0	67.3	71.7	72.2	71.6	69.1		
Alternative C	61.3	53.2	45.9	44.2	49.7	55.5	62.2	67.4	71.7	71.8	71.2	68.6		
Difference	-0.1	0.0	0.1	0.0	0.0	0.2	0.2	0.1	0.0	-0.3	-0.5	-0.5		
Percent Difference	-0.2%	-0.1%	0.1%	0.0%	0.1%	0.4%	0.3%	0.1%	0.0%	-0.5%	-0.6%	-0.79		
Critical (15%)														
No Action Alternative	63.0	52.9	44.7	44.8	51.0	56.1	62.9	67.7	70.9	73.9	73.4	70.0		
Alternative C	63.0	53.0	44.8	44.8	51.1	56.2	62.9	67.8	70.9	73.6	72.5	69.7		
Difference	-0.1	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	-0.3	-0.9	-0.2		
Percent Difference	-0.1%	0.0%	0.1%	0.2%	0.2%	0.3%	0.0%	0.1%	-0.1%	-0.3%	-1.2%	-0.39		

1 Based on the 82-year simulation period

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



Figure SQ-14-7b Sacramento River at Freeport, Monthly Temperature Probability of Exceedance

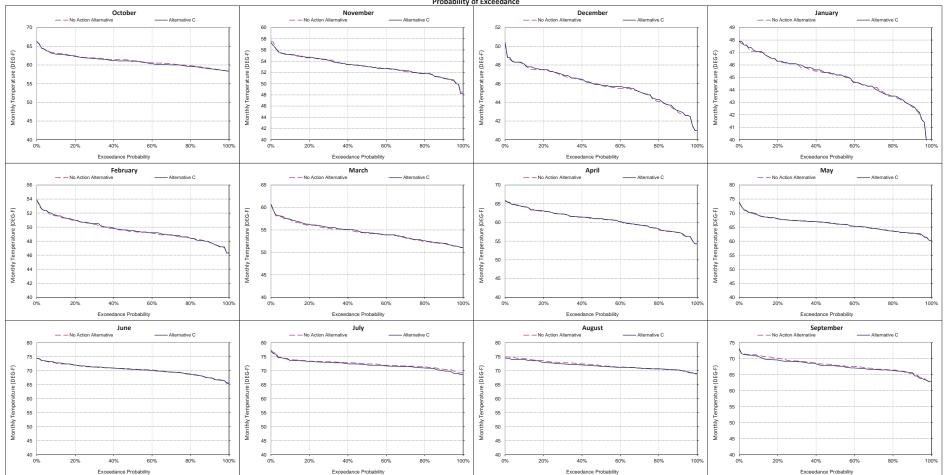


Table SQ-14-7b Sacramento River at Freeport, Monthly Temperature Probability of Exceedan

Decembe

Novembe

Octobe

January Percent Percent Percent Percent No Action Alternative Alternative C Absolute Relative Relative Relative Relative Exceedance Exceedance Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG.E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% 0.0% 66.3 66.2 -0.1 -0.2% 0.0% 57.6 -0.3 0.0% 50.3 50.4 0.2% 47.9 0.0% 1.2% 65.7 65.6 -0.1 -0.2% 1.2% 57.4 56.8 -0.6 -1.0% 1.2% 48.8 48.8 0.0 0.0% 1.2% 47.7 47.9 0.2 0.4% 2.5% 64.5 64.5 0.0% 2.5% 56.2 56.3 0.2% 2.5% 48.6 48.8 0.4% 2.5% 47.7 47.6 -0.1 -0.2% 3.7% 3.7% 64.3 64.3 0.0 0.0% 3.7% 55.9 55.7 -0.2 -0.4% 3.7% 48.4 48.4 0.0 0.0% 47.6 47.6 0.0 0.0% 4.9% 63.9 63.8 -0.1 -0.2% 4.9% 55.4 55.5 0.2% 4.9% 48.4 48.3 -0.1 -0.2% 4.9% 47.3 47.4 0.1 0.2% 6.2% 6.2% 6.2% 6.2% 63.5 63.7 0.2 0.3% 55.4 55.4 0.0 0.0% 48.3 48.3 0.0 0.0% 47.1 47.4 0.3 0.6% 7.4% 63.2 -0.3% 7.4% 0.2% 7.4% 48.3 -0.1 0.0% 7.4% 47.2 0.1 0.2% 8.6% 8.6% 8.6% 8.6% 63.3 63.1 -0.2 -0.3% 55.2 55.2 0.0 0.0% 48 3 48.2 -0.2% 47 1 47 1 0.0% 9.9% 11.1% 12.3% 9.9% -0.3% 0.0% 0.0% 11.1% 12.3% 63.1 62.9 -0.2 -0.3% 11.1% 55.1 55.2 0.1 0.2% 11.1% 47.9 47.8 -0.1 -0.2% 47.0 47.1 0.1 0.2% 13.6% 13.6% 13.6% -0.4% 13.6% 0.0% 63.0 62.8 -0 2 -0.3% 55.1 549 -n 2 47.5 47.8 0.3 0.6% 46.8 46.8 0.0 -0.3% 54.9 47.5 16.0% 16.0% 16.0% 16.0% 62.8 62.6 -0.2 -0.3% 54.9 54.8 -0.1 -0.2% 47.5 47.6 0.1 0.2% 46.6 46.6 0.0 0.0% 18.5% 18.5% 54.7 0.2% 18.5% 0.0% 18.5% 0.0% 62.5 62.5 0.0 0.0% 54.6 0.1 47.5 47.5 0.0 46.5 46.5 0.0 19.8% 21.0% 62.5 62.2 -0.2 0.1 -0.3% 54.7 54.7 19.8% 21.0% 47.5 0.0 0.0% 19.8% 21.0% 0.0 0.1 21.0% 47.4 62.3 0.2% 54.6 0.2% 47.5 46.3 46.3 0.0% 22.2% 23.5% 0.0% 22.2% 23.5% 0.0% 22.2% 23.5% 22.2% 23.5% 46.3 0.1 62.1 62.0 54.5 -0.1 47.3 47.3 0.0 54.5 0.0 0.0% 0.0% 46.2 46.2 0.0% 24.7% 25.9% 62.0 62.0 -0.2% -0.2% 24.7% 25.9% 24.7% 25.9% 0.0% 24.7% 25.9% 46.2 46.1 54.5 47.3 473 0.1 0.2% 61.9 -0.1 54.4 54.4 0.0 0.0% 47.2 47.2 0.0 46.1 0.0% 27.2% 28.4% 27.2% 28.4% 27.2% 28.4% 61.9 -0.2% 27.2% 54 3 -0.2% 47.2 -0.1 -0.2% 46.1 46.1 0.0 61.9 61.8 -0.1 -0.2% 28.4% 54.3 54.3 0.0 0.0% 47.1 0.2 0.4% 46.1 46.1 0.0 0.0% 46.9 29.6% 30.9% -0.3% -0.2% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 61.9 61.8 -0.2% -0.2% 0.1 0.2% 0.0 0.0% 46.8 46.0 32.1% 61.8 -0.2 -0.3% 32.1% 53.9 -0.3 -0.6% 32.1% 46.7 46.9 0.4% 32.1% 45.8 46.0 0.2 0.4% 33.3% 61.8 -0.2 -0.3% 33.3% 53.8 53.8 0.0 0.0% 33.3% 0.1 0.2% 33.3% 45.9 0.1 0.2% 34.6% 61.7 -0.2 -0.3% 34.6% 53.8 53.7 -0.2% 34.6% 46.6 46.6 0.0 0.0% 34.6% 45.8 45.8 0.0 0.0% 35.8% -0.2% 35.8% 35.8% 0.0% 35.8% 0.1 0.0% 0.0 45.7 45.8 0.2% 37.0% 61.4 -0.1 -0.2% 37.0% 53.6 53.6 0.0% 37.0% 46.5 46.6 0.1 0.2% 37.0% 45.6 45.8 0.2 0.4% 38.3% 61.5 -0.5% 38.3% 53.6 38.3% 0.0 38.3% 0.1 0.0% 45.6 0.2% 39.5% 61.5 61.2 -0.3 -0.5% 39.5% 53.4 53.4 0.0 0.0% 39.5% 46.4 46.5 0.1 0.2% 39.5% 45.5 45.6 0.1 0.2% 40.7% 61.5 61.2 -0.5% 40.7% 53.4 53.4 0.0 0.0% 40.7% 46.4 46.4 0.0 0.0% 40.7% 45.5 45.6 0.1 0.2% 42.0% 61.5 -0.4-0.7%42.0% 53.3 53.4 0.2% 42.0% 46.2 46.2 0.0 0.0% 42.0% 45.5 45.6 0.1 0.2% 43.2% 61.4 61.1 -0.3 -0.5% 43.2% 53.3 53.3 0.0 0.0% 43.2% 46.1 46.2 0.1 0.2% 43.2% 45.4 45.5 0.1 0.2% 44.4% 61.4 -0.3 -0.5% 44.4% 53.3 53.3 0.0% 44.4% 46.1 46.1 0.0 0.0% 44.4% 45.4 45.4 0.0 0.0% 45.7% 45.7% 45.7% 61.4 61.1 -0.3 -0.5% 53.2 53.3 0.1 0.2% 46.0 46.0 0.0 0.0% 45.7% 45.4 45.4 0.0 0.0% 0.1 46.9% 61.4 -0.5% 46.9% 53.2 53.2 0.0% 46.9% 46.0 45.9 -0.1-0.2% 46.9% 45.3 45.4 0.2% 48.1% 49.4% -0.2% 61.2 61.1 -0.1 48.1% 53.2 53.1 -0.1 -0.2% 48.1% 46.0 45.9 -0.1 -0.2% 48.1% 45.3 45.3 0.0 0.0% 61.2 -0.3% 49.4% 53.1 53.1 0.0% 49.4% 45.8 0.2% 49.4% 45.2 45.3 0.1 0.2% 50.6% 50.6% 50.6% 61.1 61.0 -0.1 -0.2% 53.0 53.0 0.0 0.0% 45.8 45.8 0.0 0.0% 50.6% 45.2 45.2 0.0 0.0% -0.2% 0.0% -0.2% 51.9% -0.151.9% 53.0 0.0% 45.7 45.8 0.1 0.2% 51.9% 53.1% 45.2 45.2 0.0 0.0% 53.1% 53.1% 53.1% 0.0 0.2% 0.0 60.9 60.9 52 9 529 0.0 0.0% 45.7 45.8 45.2 45.2 0.0% 55.6% 56.8% 55.6% 55.6% 55.6% -0.1 0.0 60.8 60.7 -0.1 -0.2% 52.9 52.7 -0.2 -0.4% 45.6 45.7 0.1 0.2% 45.1 45.0 -0.2% 58.0% 58.0% 58.0% 60.6 60.5 -0.1 -0.2% 52.7 52.7 0.0 0.0% 45.5 45.7 0.2 0.4% 58.0% 44.8 44.9 0.1 0.2% 60.5% 60.5% 60.5% 60.6 60.3 -0.3 -0.5% 52.7 52.7 0.0 0.0% 45.5 45.7 0.2 0.4% 60.5% 44.6 44.6 0.0 0.0% 61.7% -0.5% 61.7% 52.6 63.0% 63.0% 63.0% 0.0 0.1 63.0% 60.5 60.2 -0.3 -0.5% 52.6 52.6 0.0% 45.5 45.6 0.2% 44.5 44.5 0.0 0.0% 64.2% 65.4% 60.2 60.2 -0.5% -0.5% 64.2% 65.4% 52.6 52.5 64.2% 65.4% 45.5 45.4 64.2% 65.4% 0.0 60.5 -0.3 0.0 0.0% 45.5 0.1 44.4 44.4 0.0% 52.5 0.2% 66.7% 67.9% 60.4 60.4 -0.5% -0.5% 66.7% 67.9% 66.7% 67.9% 45.5 45.3 66.7% 67.9% -0.3 52.4 0.0% 45.3 0.4% 443 0.0 0.0% -0.3 52.4 0.0 44.3 52.3 44.3 60.1 0.1 0.2% 45.3 0.0% 0.0% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% -0.7% 52.4 0.49 45.2 44.5 44.3 60.0 52.3 0.2 44.2 -0.1 60.3 -0.3 -0.5% 52.1 0.4% 45.1 45.1 0.0 0.0% 44.1 -0.2% 71.6% 60.2 -0.2 -0.3% -0.2% 71.6% 52.1 52.3 0.4% 71.6% 45 N 45.0 0.0 0.0% 71.6% 44.2 44 0 -0.2 -0.5% 72.8% 60.1 60.0 -0.1 72.8% 52.0 52.2 0.2 0.4% 72.8% 44.9 44.9 0.0 72.8% 44.0 43.9 -0.1 -0.2% -0.2% -0.2% 74.1% 75.3% 74.1% 75.3% 74.1% 0.0% 74.1% -0.1 -0.1 -0.2% -0.2% 43.9 43.8 -0.1 -0.1 75.3% 0.0% 75.3% 43.7 -0.2% 76.5% 60.0 -0.2 -0.3% 76.5% 51.8 51.9 0.2% 76.5% 44.4 44.5 0.2% 76.5% 43.6 43.6 0.0 0.0% 77.8% -0.3% 77.8% 0.2% 77.8% 0.2% 77.8% 0.1 0.2% 59.9 44.3 43.6 79.0% 59.9 59.6 -0.3 -0.5% 79.0% 51.8 51.8 0.0 0.0% 79.0% 44.1 44.3 0.2 0.5% 79.0% 43.5 43.5 0.0 0.0% 80.2% 59.8 -0.3% 80.2% 51.8 80.2% 44.1 44.3 0.2 80.2% 43.5 0.0 0.0% 0.5% 43.5 0.0% 81.5% 59.7 59.6 -0.2% 81.5% 51.8 51.8 0.0% 81.5% 44.0 44.1 0.2% 81.5% 43.4 43.5 0.1 0.2% 82.7% 82.7% 59.7 59.5 -0.3% 82.7% 51.8 0.2% 43.9 43.9 0.0 0.0% 82.7% 43.3 43.4 0.1 0.2% 84.0% 59.5 59.4 -0.1 -0.2% 84.0% 51.6 51.6 0.0 0.0% 84.0% 43.8 43.8 0.0 0.0% 84.0% 43.3 43.2 -0.1 -0.2% 85.2% 59.5 59.3 -0.2 -0.3% 85.2% 51.3 51.3 0.0 0.0% 85.2% 43.7 43.7 0.0 0.0% 85.2% 43.2 43.2 0.0 0.0% 86.4% 59.3 59.2 -0.2% 86.4% 51.3 0.2% 86.4% 43.5 43.7 0.5% 86.4% 43.0 43.0 0.0 0.0% 87.7% 59.3 59.2 -0.1 -0.2% 87.7% 51.2 51.2 0.0 0.0% 87.7% 43.3 43.4 0.1 0.2% 87.7% 42.9 42 9 0.0 0.0% 88.9% 59.2 59.0 -0.2 -0.3% 88.9% 51.1 51.1 0.0 0.0% 88.9% 43.3 43.2 -0.1 -0.2% 88.9% 42.8 42.8 0.0 0.0% 90.1% 59.1 59.0 -0.1 -0.2% 90.1% 51.0 50.9 -0.1 -0.2% 90.1% 42.9 43.1 0.2 0.5% 90.1% 42.6 42.7 0.1 0.2% 91.4% -0.2% 91.4% 50.9 0.2% 91.4% 42.8 43.0 91.4% 42.6 42.6 0.0 -0.1 91.4% 92.6% 92.6% 58.8 58.9 0.1 0.2% 50.8 50.8 0.0 42.8 42 9 0.1 0.2% 92.6% 42.4 423 -0.2% 93.8% 50.7 42.6 93.8% 42.2 58.7 58.8 0.1 0.2% 93.8% 50.6 0.2% 93.8% 42.6 0.0% 42.0 0.2 0.5% 95.1% 95.1% 95.1% 95.1% 58.7 58.7 0.0 0.0% 50.5 50.7 0.2 0.4% 42.6 42.6 0.0 0.0% 41.6 41.6 0.0 0.0% 96.3% 58.6 0.0 0.0% 96.3% 50.2 50.0 -0.2 0.0 -0.4% 96.3% 97.5% 42.5 42.5 0.0 0.0% 96.3% 97.5% 41.4 41.4 0.0 0.0% 97.5% 58.5 0.0 97.5% 0.0 0.0% 58.5 0.0% 49 9 499 0.0% 41 5 415 0.0 0.0% 39.7 39.7 0.0% -0.6% 98.8% 0.0% 100.0% 100.0% 100.0% 100.0% 58.4 58.4 0.0 0.0% 48.5 48.2 -0.3 -0.6% 41.0 41.0 0.0 0.0% 39.2 39.2 0.0 0.0%

Table SQ-14-7b
Sacramento River at Freeport, Monthly Temperature
Probability of Exceedance

April

May

March

February

Second S	Percent		rebluary		-	Percent					Percent		Aprii			Percent				
		No Action Alternative	Alternative C	Absolute	Relative		No Action Alternative	Alternative C	Absolute	Relative		No Action Alternative	Alternative C	Absolute	Relative		No Action Alternative	Alternative C	Absolute	Relative
No.	Probability	Monthly Temperature	Monthly Temperature		Difference (%)	Probability	Monthly Temperature	Monthly Temperature		Difference (%)	Probability	Monthly Temperature	Monthly Temperature		Difference (%)	Probability	Monthly Temperature	Monthly Temperature		Difference (%)
1														(DEG-F)		(%)				
1	0.0%	54.0		-0.2		0.0%	60.7				0.0%	65.6	65.9	0.3		0.0%		73.9	0.2	0.3%
376	1.2%	53.0	53.3	0.3	0.6%	1.2%	59.5	59.4	-0.1	-0.2%	1.2%	65.5	65.4	-0.1	-0.2%	1.2%	72.3	72.3	0.0	0.0%
AB						2.5%					2.5%									0.1%
Sect 1.5																				
The																				
14																				
April																				
11 12 13 13 15 15 15 15 15 15	8.6%		51.8							0.2%	8.6%				0.0%				0.2	
1.5																			0.0	
14.5	11.1%										11.1%					11.1%				-0.1%
140																				
Column																				
17.5																			0.2	
150, 151																				
10																				
19											18.5%									
22.5 50.0																				
20.00																				
2475 557																				
25.00 25.0											23.370									
27.50																			0.0	
28.00 56.5	27.2%					27.2%					27.2%				-0.0%	27.2%			-0.0	-0.076
20						28 4%		55.7			28 4%		62.3				67.4	67.4	0.1	
3307. 504 505 01 02% 3307. 503 505 050																				0.0%
Str.	30.9%					30.9%				0.5%	30.9%				0.0%	30.9%				0.0%
State																				
340% 500 501 501 501 502 346% 562 563 01 0 02% 346% 506 501 60 00% 346% 500 00% 346																			0.0	
35.00 50.0				0.1																
37 37 37 37 37 37 37 37																				
93.7%	37.0%		50.0			37.0%			0.0		37.0%									
2007 403	38.3%	49.8	50.0	0.2	0.4%	38.3%	55.1	55.1	0.0		38.3%	61.4	61.5	0.1	0.2%	38.3%	67.0	67.0	0.0	
407% 408 408 408 407	39.5%					39.5%			0.0		39.5%			0.1		39.5%			0.0	
420% 637 637 638 638 0.0 0.0% 64.0% 64.0 0.0 0.0% 64.0% 64.0 0.0 0.0% 64.0% 64.0 0.0 0.0% 64.0% 64.0 0.0 0.0% 64.0% 64.0 0.0 0.0% 64.0% 64.0 0.0 0.0% 64.0% 64.0 0.0 0.0% 64.0% 64.0 0.0 0.0% 64.0% 64.0 0.0 0.0% 64.0% 64.0 0.0 0.0% 64.0% 64.0 0.0 0.0% 64.0% 64.0 0.0 0.0% 64.0% 64.0 0.0 0.0% 64.0% 64.0 0.0 0.0% 64.0 0.0 0.0% 64.0 0.0 0.0% 64.0 0.0 0.0% 64.0 0.0 0.0% 64.0 0.0 0.0% 64.0 0.0 0.0% 64.0 0.0 0.0% 64.0 0.0 0.0% 64.0 0.0 0.0% 64.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0				0.0	0.0%					0.2%		61.4	61.4		0.0%					0.0%
44-09, 49-6 48-6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	42.0%			0.0		42.0%			0.2	0.4%	42.0%								0.0	0.0%
44-0, 40-6 40-6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	43.2%	49.6	49.7	0.1	0.2%	43.2%	54.7	55.0	0.3	0.5%	43.2%	61.3	61.4	0.1	0.2%	43.2%	66.8	66.8	0.0	0.0%
467% 49.5 49.6 0.1 0.2% 48.9% 54.4 54.5 0.1 0.2% 48.9% 54.4 54.5 0.1 0.2% 48.9% 56.6 0.2 0.0% 48.9% 56.6 0.2 0.2% 56.0% 48.4 0.0 0.0% 48.9% 56.0% 48.4 0.0 0.0% 48.9% 56.0% 56				0.0	0.0%	44.4%			0.3	0.5%	44.4%	61.0	61.3	0.3		44.4%		66.7	0.0	0.0%
481% 49.4 49.5 0.1 0.2% 48.1% 54.4 54.5 0.0 0.0% 48.1% 61.0 0.0 0.0% 48.1% 66.4 66.3 0.1 0.2% 48.5% 61.0 0.0 0.0% 48.1% 66.4 66.3 0.1 0.2% 54.5% 61.0 0.0 0.0% 59.5% 61.0 0.0 0.0 0.0% 59.5% 61.0 0.0 0.0 0.0% 59.5% 61.0 0.0 0.0 0.0% 59.5% 61.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0					0.0%															
49-49 49-4 49-5 01 02% 49-49 51-4 01 02% 49-49 61-4 01 02% 49-49 61-4 01 02% 49-49 61-4 01 02% 49-49 61-4 01 02% 49-49 61-4 01 02% 49-49 61-4 01 02% 49-49 61-4 01 02% 49-49 61-4 01 02% 49-49 61-4 01 02% 49-49 61-4 01 02% 49-49 61-4				0.1						0.2%		61.0		0.0						0.3%
520% 48.4 48.5 0.1 0.2% 50.9% 54.3 55.4 0.1 0.2% 50.9% 69.9 61.0 0.1 0.2% 50.9% 69.2 66.1 0.0 0.0% 51.9% 69.2 66.1 0.0 0.0% 51.9% 69.0 0.0 0.0% 51.9% 69.0 0.0 0.0% 51.9% 69.0 0.0 0.0% 51.9% 69.0 0.0 0.0% 51.9% 69.0 0.0 0.0% 51.9% 69.0 0.0 0.0% 51.9% 69.0 0.0 0.0% 51.9% 69.0 0.0 0.0% 51.9% 69.0 0.0 0.0% 51.9% 69.0 0.0 0.0% 51.9% 69.0 0.0 0.0% 51.9% 69.0 0.0 0.0% 51.9% 69.0 0.0 0.0 0.0% 51.9% 69.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0																				
519% 40.3 49.4 0.1 0.2% 51.9% 54.2 54.3 0.1 0.2% 51.9% 60.8 0.0 0.0% 51.9% 66.1 66.1 0.0 0.0% 51.9% 66.8 49.3 49.3 0.0 0.0% 55.9% 69.8 49.3 49.3 0.0 0.0% 55.9% 54.1 54.2 0.1 0.2% 55.9% 60.7 0.0 0.0% 55.9% 66.8 66.0 0.1 0.2% 55.9% 69.8 49.3 49.3 0.0 0.0% 55.9% 54.1 54.2 0.1 0.2% 55.9% 60.0 0.0 0.0% 55.9% 69.8 69.0 0.1 0.2% 55.9% 69.8 49.3 49.3 0.0 0.0% 55.9% 54.1 54.2 0.1 0.2% 55.9% 60.0 0.0 0.0% 55.9% 69.8 69.0 0.1 0.2% 55.9% 69.8 69.0 0.0 0.0% 55.9% 54.1 54.2 0.1 0.2% 55.9% 69.8 69.0 0.0 0.0% 55.9% 54.1 54.2 0.1 0.2% 55.9% 56.9% 60.0 0.0 0.0% 55.9% 69.8 69.0 0.1 0.2% 55.9% 69.8 69.0 0.0 0.0 0.0% 55.9% 54.1 54.1 54.1 0.0 0.0 0.0% 55.9% 69.8 69.0 0.0 0.0 0.0% 55.9% 69.8 69.0 0.0 0.0 0.0% 55.9% 69.8 69.0 0.0 0.0 0.0% 55.9% 69.8 69.0 0.0 0.0 0.0% 55.9% 69.8 69.0 0.0 0.0 0.0% 55.9% 69.8 69.0 0.0 0.0 0.0% 55.9% 69.8 69.0 0.0 0.0 0.0% 55.9% 69.8 69.0 0.0 0.0 0.0% 55.9% 69.8 69.0 0.0 0.0 0.0% 55.9% 69.8 69.0 0.0 0.0 0.0% 55.9% 69.8 69.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	49.4%	49.4	49.5	0.1	0.2%	49.4%			0.1	0.2%	49.4%	60.9	61.0	0.1	0.2%	49.4%		66.3	-0.1	-0.2%
\$3.1%																				
54 % 49 3 49 3 00 0 0 0 % 55 % 54 1 54 2 01 0 2% 55 % 60 7 60 7 00 0 0 % 55 % 60 66 0 00 0 0 0 % 55 % 56 % 56	51.9%									0.2%	51.9%								0.0	0.0%
55.6% 49.3 49.3 0.0 0.0% 55.6% 54.1 54.2 0.1 0.2% 55.6% 60.7 60.7 0.0 0.0% 55.6% 65.9 66.0 0.1 0.2% 56.0% 56.8 56.8 0.0 0.0% 56.0% 56.8 56.8 0.0 0.0% 56.0% 56.8 56.8 0.0 0.0% 56.0% 56.8 56.8 0.0 0.0% 56.0% 56.8 56.8 0.0 0.0% 56.0% 56.8 56.8 0.0 0.0% 56.0% 56.8 56.8 0.0 0.0% 56.0% 56.8 56.8 0.0 0.0% 56.0% 56.8 56.8 0.0 0.0% 56.0% 56.8 56.8 0.0 0.0% 56.0% 56.8 56.8 0.0 0.0% 56.	53.1%					53.1%		54.3	0.1	0.2%	53.1%		60.8	0.1	0.2%	53.1%			0.0	
58.0% 49.3 49.3 0.0 0.0% 58.0% 54.1 54.1 0.0 0.0% 58.0% 60.6 60.6 0.0 0.0% 58.0% 68.8 65.8 0.0 0.0% 58.0% 60.6 60.6 0.0 0.0% 58.0% 60.6 60.6 0.0 0.0% 58.0% 60.6 60.6 0.0 0.0% 58.0% 60.6 60.6 0.0 0.0% 58.0% 60.6 60.6 0.0 0.0% 58.0% 60.6 60.6 0.0 0.0% 58.0% 60.6 60.6 0.0 0.0% 58.0% 60.6 60.0 0.0% 58.0% 60.6 60.0 0.0% 6																				
58.0% 49.2 49.2 0.0 0.0% 58.0% 53.9 54.0 0.1 0.2% 59.0% 60.6 0.0 0.0% 59.0% 65.3 65.4 0.1 0.2% 69.7%										0.2%									0.1	0.2%
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79.0% 48.6 48.5 -0.1 -0.2% 79.0% 52.5 52.6 0.1 0.2% 79.0% 58.5 58.5 0.0 0.0% 79.0% 63.7 63.6 -0.1 -0.2% 81.5% 48.4 48.4 0.0 0.0% 81.5% 52.4 52.6 0.2 0.4% 80.2% 57.9 57.9 57.9 0.0 0.0% 81.5% 63.4 63.4 0.0 0.0% 82.7% 48.3 48.2 -0.1 -0.2% 82.7% 52.3 52.4 0.1 0.2% 82.7% 53.3 52.4 0.1 0.2% 82.7% 57.7 57.8 0.1 0.2% 82.7% 63.1 63.4 0.1 0.2% 84.0% 63.1 63.1 0.1 0.2% 84.0% 63.7 63.8 63.4 0.0 0.0% 82.7% 82.2 0.1 0.2% 84.0% 67.6 57.7 0.1 0.2% 84.0% 63.1 63.1 63.1 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.0</td><td></td></t<>																			0.0	
80.2%	79.0%	48.6	48.5		-0.2%	79.0%	52.5	52.6	0.1	0.2%	79.0%	58.5	58.5	0.0	0.0%	79.0%	63.7	63.6	-0.1	-0.2%
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96.3% 47.2 47.2 0.0 0.0% 96.3% 51.4 51.4 0.0 0.0% 96.3% 56.2 56.2 0.0 0.0% 96.3% 61.4 61.5 0.1 0.2% 97.5% 47.1 47.2 0.1 0.2% 97.5% 51.3 51.3 0.0 0.0% 97.5% 55.1 55.1 0.0 0.0% 97.5% 61.3 61.4 0.1 0.2% 98.8% 46.4 46.3 -0.1 -0.2% 98.8% 51.1 51.1 0.0 0.0% 98.8% 54.3 54.3 0.0 0.0% 98.8% 60.3 60.3 0.0 0.0%	93.8%		47.4	0.0	0.0%	93.8%	51.6	51.6	0.0	0.0%	93.8%	56.3	56.3	0.0		93.8%		62.7	0.4	0.6%
96.3% 47.2 47.2 0.0 0.0% 96.3% 51.4 51.4 0.0 0.0% 96.3% 56.2 56.2 0.0 0.0% 96.3% 61.4 61.5 0.1 0.2% 97.5% 47.1 47.2 0.1 0.2% 97.5% 51.3 51.3 0.0 0.0% 97.5% 55.1 55.1 0.0 0.0% 97.5% 61.3 61.4 0.1 0.2% 98.8% 46.4 46.3 -0.1 -0.2% 98.8% 51.1 51.1 0.0 0.0% 98.8% 54.3 54.3 0.0 0.0% 98.8% 60.3 60.3 0.0 0.0%																				
98.8% 46.4 46.3 -0.1 -0.2% 98.8% 51.1 51.1 0.0 0.0% 98.8% 54.3 54.3 0.0 0.0% 98.8% 60.3 60.3 0.0 0.0%	96.3%		47.2		0.0%	96.3%	51.4			0.0%	96.3%	56.2	56.2	0.0	0.0%	96.3%		61.5	0.1	0.2%
98.8% 46.4 46.3 -0.1 -0.2% 98.8% 51.1 51.1 0.0 0.0% 98.8% 54.3 54.3 0.0 0.0% 98.8% 60.3 60.3 0.0 0.0%																				0.2%
100.0% 46.4 46.3 -0.1 -0.2% 100.0% 51.1 51.1 0.0 0.0% 100.0% 54.3 54.3 0.0 0.0% 100.0% 60.3 60.3 0.0 0.0%																				0.0%
	100.0%	46.4	46.3	-0.1	-0.2%	100.0%	51.1	51.1	0.0	0.0%	100.0%	54.3	54.3	0.0	0.0%	100.0%	60.3	60.3	0.0	0.0%

Table SQ-14-7b
Sacramento River at Freeport, Monthly Temperature
Probability of Exceedance

									Probability	of Exceedance									
Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative
Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)
0.0%	(DEG-F) 74.4	(DEG-F) 74.3	-0.1	-0.1%	(%) 0.0%	(DEG-F) 77.4	(DEG-F) 76.9	-0.5	-0.6%	(%) 0.0%	(DEG-F) 74.9	(DEG-F) 74.5	-0.4	-0.5%	0.0%	(DEG-F) 73.2	(DEG-F) 72.9	-0.3	-0.4%
1.2%	74.3	74.2	-0.1	-0.1%	1.2%	76.4	76.1	-0.3	-0.4%	1.2%	74.9	74.4	-0.5	-0.7%	1.2%	71.6	71.6	0.0	0.0%
2.5%	73.7	73.6	-0.1	-0.1%	2.5%	76.3	75.9	-0.4	-0.5%	2.5%	74.8	74.2	-0.6	-0.8%	2.5%	71.5	71.3	-0.2	-0.3%
3.7%	73.5 73.3	73.6 73.4	0.1	0.1%	3.7%	75.0 74.7	74.6 74.6	-0.4 -0.1	-0.5% -0.1%	3.7% 4.9%	74.8 74.7	74.0 74.0	-0.8 -0.7	-1.1% -0.9%	3.7% 4.9%	71.3 71.3	71.2 71.1	-0.1 -0.2	-0.1% -0.3%
6.2%	73.1	73.4	0.1	0.3%	6.2%	74.6	74.5	-0.1	-0.1%	6.2%	74.4	74.0	-0.7	-0.5%	6.2%	71.3	71.1	-0.2	-0.3%
7.4%	73.1	73.3	0.2	0.3%	7.4%	74.3	74.3	0.0	0.0%	7.4%	74.4	74.0	-0.4	-0.5%	7.4%	71.2	70.9	-0.3	-0.4%
8.6% 9.9%	72.9 72.7	73.1 72.8	0.2	0.3%	8.6% 9.9%	74.0 73.9	74.3 73.6	0.3 -0.3	0.4%	8.6% 9.9%	74.3 74.3	74.0 73.9	-0.3 -0.4	-0.4% -0.5%	8.6% 9.9%	71.2 70.9	70.9 70.7	-0.3 -0.2	-0.4% -0.3%
11.1%	72.5	72.8	0.1	0.4%	11.1%	73.9	73.6	-0.3	-0.4%	11.1%	74.2	73.8	-0.4	-0.5%	11.1%	70.9	70.4	-0.5	-0.7%
12.3%	72.4	72.7	0.3	0.4%	12.3%	73.8	73.6	-0.2	-0.3%	12.3%	74.1	73.6	-0.5	-0.7%	12.3%	70.7	70.1	-0.6	-0.8%
13.6%	72.4	72.6	0.2	0.3%	13.6%	73.8	73.6	-0.2	-0.3%	13.6%	73.9	73.5	-0.4	-0.5%	13.6%	70.6	69.8 69.8	-0.8	-1.1%
14.8% 16.0%	72.4 72.4	72.4 72.4	0.0	0.0%	14.8% 16.0%	73.7 73.6	73.5 73.5	-0.2 -0.1	-0.3% -0.1%	14.8% 16.0%	73.8 73.7	73.5 73.5	-0.3 -0.2	-0.4% -0.3%	14.8% 16.0%	70.6 70.5	69.7	-0.8 -0.8	-1.1% -1.1%
17.3%	72.3	72.4	0.1	0.1%	17.3%	73.6	73.4	-0.1	-0.1%	17.3%	73.6	73.5	-0.2	-0.1%	17.3%	70.3	69.7	-0.6	-0.9%
18.5%	72.1	72.2	0.1	0.1%	18.5%	73.5	73.4	-0.1	-0.1%	18.5%	73.6	73.2	-0.4	-0.5%	18.5%	70.1	69.6	-0.5	-0.7%
19.8% 21.0%	72.0 71.9	72.0 71.9	0.0	0.0%	19.8% 21.0%	73.4 73.4	73.3 73.3	-0.1 -0.1	-0.1% -0.1%	19.8% 21.0%	73.6 73.3	72.9 72.9	-0.7 -0.4	-1.0% -0.5%	19.8% 21.0%	70.1 70.1	69.6 69.5	-0.5 -0.6	-0.7% -0.9%
21.0%	71.9	71.9	0.0	0.0%	21.0%	73.4	73.3	-0.1	-0.1%	21.0%	73.3	72.9	-0.4	-0.5%	21.0%	69.9	69.3	-0.6	-0.9%
23.5%	71.6	71.7	0.1	0.1%	23.5%	73.3	73.1	-0.2	-0.3%	23.5%	73.1	72.8	-0.3	-0.4%	23.5%	69.9	69.2	-0.7	-1.0%
24.7%	71.5	71.7	0.2	0.3%	24.7%	73.3	73.1	-0.2	-0.3%	24.7%	73.1	72.7	-0.4	-0.5%	24.7%	69.5	69.2	-0.3	-0.4%
25.9% 27.2%	71.4 71.4	71.5 71.5	0.1 0.1	0.1% 0.1%	25.9% 27.2%	73.3 73.3	73.0 73.0	-0.3 -0.3	-0.4% -0.4%	25.9% 27.2%	73.0 73.0	72.6 72.5	-0.4 -0.5	-0.5% -0.7%	25.9% 27.2%	69.4 69.3	69.2 69.1	-0.2 -0.2	-0.3% -0.3%
28.4%	71.4	71.3	-0.1	-0.1%	28.4%	73.2	73.0	-0.2	-0.3%	28.4%	72.9	72.5	-0.4	-0.5%	28.4%	69.3	69.1	-0.2	-0.3%
29.6%	71.3	71.3	0.0	0.0%	29.6%	73.2	73.0	-0.2	-0.3%	29.6%	72.9	72.4	-0.5	-0.7%	29.6%	69.3	69.1	-0.2	-0.3%
30.9% 32.1%	71.3 71.1	71.3 71.3	0.0	0.0%	30.9% 32.1%	73.2 73.1	72.9 72.9	-0.3 -0.2	-0.4% -0.3%	30.9% 32.1%	72.8 72.8	72.4 72.3	-0.4 -0.5	-0.5% -0.7%	30.9% 32.1%	69.2 69.2	69.0 69.0	-0.2 -0.2	-0.3% -0.3%
33.3%	71.1	71.3	0.2	0.3%	33.3%	73.1	72.8	-0.2	-0.4%	33.3%	72.7	72.3	-0.5	-0.7%	33.3%	69.2	68.9	-0.2	-0.3%
34.6%	71.1	71.1	0.0	0.0%	34.6%	73.0	72.8	-0.2	-0.3%	34.6%	72.7	72.2	-0.5	-0.7%	34.6%	69.0	68.8	-0.2	-0.3%
35.8%	71.0	71.0	0.0	0.0%	35.8%	73.0	72.8	-0.2	-0.3%	35.8%	72.7	72.1	-0.6	-0.8%	35.8%	68.9	68.6	-0.3	-0.4%
37.0% 38.3%	71.0 71.0	71.0 71.0	0.0	0.0%	37.0% 38.3%	73.0 72.9	72.8 72.6	-0.2 -0.3	-0.3% -0.4%	37.0% 38.3%	72.5 72.5	72.1 72.1	-0.4 -0.4	-0.6% -0.6%	37.0% 38.3%	68.9 68.7	68.6 68.6	-0.3 -0.1	-0.4% -0.1%
39.5%	70.9	70.9	0.0	0.0%	39.5%	72.9	72.5	-0.4	-0.5%	39.5%	72.4	72.1	-0.4	-0.4%	39.5%	68.7	68.5	-0.2	-0.3%
40.7%	70.9	70.9	0.0	0.0%	40.7%	72.8	72.4	-0.4	-0.5%	40.7%	72.4	72.0	-0.4	-0.6%	40.7%	68.4	68.2	-0.2	-0.3%
42.0% 43.2%	70.9 70.8	70.8 70.8	-0.1 0.0	-0.1% 0.0%	42.0% 43.2%	72.8 72.8	72.4 72.4	-0.4 -0.4	-0.5% -0.5%	42.0% 43.2%	72.3 72.3	71.9 71.9	-0.4 -0.4	-0.6% -0.6%	42.0% 43.2%	68.4 68.3	68.0 67.9	-0.4 -0.4	-0.6% -0.6%
43.2%	70.8	70.8	-0.1	-0.1%	44.4%	72.6	72.4	-0.4	-0.3%	44.4%	72.2	71.8	-0.4	-0.6%	43.2%	68.3	67.9	-0.4	-0.6%
45.7%	70.8	70.6	-0.2	-0.3%	45.7%	72.6	72.3	-0.3	-0.4%	45.7%	72.1	71.8	-0.3	-0.4%	45.7%	68.3	67.9	-0.4	-0.6%
46.9%	70.8	70.6	-0.2	-0.3%	46.9%	72.6	72.3	-0.3	-0.4%	46.9%	72.1	71.7	-0.4	-0.6%	46.9%	68.2	67.8	-0.4	-0.6%
48.1% 49.4%	70.7 70.5	70.5 70.5	-0.2 0.0	-0.3% 0.0%	48.1% 49.4%	72.6 72.4	72.2 72.1	-0.4 -0.3	-0.6% -0.4%	48.1% 49.4%	72.0 71.9	71.7 71.5	-0.3 -0.4	-0.4% -0.6%	48.1% 49.4%	68.2 68.0	67.8 67.8	-0.4 -0.2	-0.6% -0.3%
50.6%	70.5	70.4	-0.1	-0.1%	50.6%	72.4	72.0	-0.4	-0.6%	50.6%	71.7	71.5	-0.2	-0.3%	50.6%	67.9	67.7	-0.2	-0.3%
51.9%	70.5	70.4	-0.1	-0.1%	51.9%	72.4	71.9	-0.5	-0.7%	51.9%	71.7	71.5	-0.2	-0.3%	51.9%	67.9	67.7	-0.2	-0.3%
53.1% 54.3%	70.4 70.4	70.3 70.3	-0.1 -0.1	-0.1% -0.1%	53.1% 54.3%	72.4 72.4	71.9 71.9	-0.5 -0.5	-0.7% -0.7%	53.1% 54.3%	71.6 71.6	71.4 71.4	-0.2 -0.2	-0.3% -0.3%	53.1% 54.3%	67.8 67.8	67.6 67.5	-0.2 -0.3	-0.3% -0.4%
55.6%	70.4	70.3	-0.1	-0.1%	55.6%	72.3	71.9	-0.4	-0.6%	55.6%	71.6	71.3	-0.2	-0.4%	55.6%	67.6	67.3	-0.3	-0.4%
56.8%	70.3	70.3	0.0	0.0%	56.8%	72.1	71.9	-0.2	-0.3%	56.8%	71.4	71.3	-0.1	-0.1%	56.8%	67.6	67.3	-0.3	-0.4%
58.0% 59.3%	70.3 70.2	70.2 70.1	-0.1 -0.1	-0.1% -0.1%	58.0% 59.3%	71.9 71.9	71.8 71.7	-0.1 -0.2	-0.1% -0.3%	58.0% 59.3%	71.3 71.3	71.2 71.2	-0.1 -0.1	-0.1% -0.1%	58.0% 59.3%	67.5 67.5	67.1 67.1	-0.4 -0.4	-0.6% -0.6%
60.5%	70.2	70.1	-0.1	-0.1%	60.5%	71.9	71.7	-0.2	-0.3%	60.5%	71.3	71.2	-0.1	-0.1%	60.5%	67.5	67.1	-0.4	-0.6%
61.7%	70.1	69.9	-0.2	-0.3%	61.7%	71.8	71.6	-0.2	-0.3%	61.7%	71.3	71.2	-0.1	-0.1%	61.7%	67.5	67.0	-0.5	-0.7%
63.0%	70.1	69.9	-0.2	-0.3%	63.0%	71.8	71.6	-0.2	-0.3%	63.0%	71.2	71.2	0.0	0.0%	63.0%	67.4	67.0	-0.4	-0.6%
64.2% 65.4%	69.8 69.8	69.8 69.8	0.0	0.0%	64.2% 65.4%	71.8 71.8	71.6 71.6	-0.2 -0.2	-0.3% -0.3%	64.2% 65.4%	71.2 71.1	71.1 71.1	-0.1 0.0	-0.1% 0.0%	64.2% 65.4%	67.3 67.1	66.9 66.9	-0.4 -0.2	-0.6% -0.3%
66.7%	69.8	69.6	-0.2	-0.3%	66.7%	71.8	71.4	-0.4	-0.6%	66.7%	71.1	71.1	0.0	0.0%	66.7%	67.1	66.7	-0.4	-0.6%
67.9%	69.6	69.6	0.0	0.0%	67.9%	71.7	71.4	-0.3	-0.4%	67.9%	71.1	71.0	-0.1	-0.1%	67.9%	67.0	66.7	-0.3	-0.4%
69.1% 70.4%	69.5 69.5	69.5 69.5	0.0	0.0%	69.1% 70.4%	71.7 71.7	71.4 71.4	-0.3 -0.3	-0.4% -0.4%	69.1% 70.4%	71.0 70.9	70.9 70.9	-0.1 0.0	-0.1% 0.0%	69.1% 70.4%	67.0 66.8	66.6 66.6	-0.4 -0.2	-0.6% -0.3%
71.6%	69.4	69.4	0.0	0.0%	71.6%	71.6	71.4	-0.2	-0.4%	71.6%	70.8	70.8	0.0	0.0%	71.6%	66.7	66.6	-0.2	-0.1%
72.8%	69.4	69.4	0.0	0.0%	72.8%	71.6	71.4	-0.2	-0.3%	72.8%	70.8	70.8	0.0	0.0%	72.8%	66.7	66.5	-0.2	-0.3%
74.1% 75.3%	69.3 69.3	69.4 69.2	0.1 -0.1	0.1% -0.1%	74.1% 75.3%	71.6 71.6	71.3 71.1	-0.3 -0.5	-0.4% -0.7%	74.1% 75.3%	70.8 70.8	70.7 70.7	-0.1 -0.1	-0.1% -0.1%	74.1% 75.3%	66.7 66.6	66.5 66.5	-0.2 -0.1	-0.3% -0.2%
76.5%	69.0	69.1	0.1	0.1%	76.5%	71.5	71.1	-0.5	-0.6%	76.5%	70.7	70.7	0.0	0.0%	76.5%	66.6	66.5	-0.1	-0.2%
77.8%	69.0	68.8	-0.2	-0.3%	77.8%	71.4	71.0	-0.4	-0.6%	77.8%	70.7	70.6	-0.1	-0.1%	77.8%	66.5	66.4	-0.1	-0.2%
79.0% 80.2%	68.9 68.8	68.8 68.7	-0.1	-0.1% -0.1%	79.0% 80.2%	71.4 71.4	71.0 70.9	-0.4	-0.6%	79.0%	70.7	70.6	-0.1	-0.1%	79.0% 80.2%	66.4 66.4	66.4 66.3	0.0	0.0%
80.2% 81.5%	68.6	68.5	-0.1 -0.1	-0.1% -0.1%	80.2%	71.4 71.2	70.9	-0.5 -0.3	-0.7% -0.4%	80.2% 81.5%	70.7 70.6	70.6 70.6	-0.1 0.0	-0.1% 0.0%	80.2% 81.5%	66.4	66.2	-0.1 -0.2	-0.2%
82.7%	68.6	68.4	-0.2	-0.3%	82.7%	71.1	70.9	-0.2	-0.3%	82.7%	70.6	70.5	-0.1	-0.1%	82.7%	66.2	66.1	-0.1	-0.2%
84.0%	68.3	68.3	0.0	0.0%	84.0%	71.1	70.8	-0.3	-0.4%	84.0%	70.5	70.4	-0.1	-0.1%	84.0%	66.1	66.1	0.0	0.0%
85.2% 86.4%	68.3 68.0	68.2 68.0	-0.1 0.0	-0.1% 0.0%	85.2% 86.4%	71.0 70.9	70.7 70.3	-0.3 -0.6	-0.4% -0.8%	85.2% 86.4%	70.4 70.3	70.4 70.4	0.0	0.0%	85.2% 86.4%	66.1 66.0	66.0 65.8	-0.1 -0.2	-0.2% -0.3%
87.7%	67.7	67.6	-0.1	-0.1%	87.7%	70.7	70.3	-0.5	-0.7%	87.7%	70.3	70.4	0.0	0.0%	87.7%	65.5	65.8	0.3	0.5%
88.9%	67.6	67.5	-0.1	-0.1%	88.9%	70.6	70.1	-0.5	-0.7%	88.9%	70.3	70.3	0.0	0.0%	88.9%	65.4	65.6	0.2	0.3%
90.1%	67.4 67.4	67.4	0.0	0.0%	90.1%	70.4	69.9	-0.5	-0.7%	90.1%	70.2	70.3	0.1	0.1%	90.1%	65.4	65.6	0.2	0.3%
91.4% 92.6%	67.4 66.9	67.3 66.8	-0.1 -0.1	-0.1% -0.1%	91.4% 92.6%	70.4 70.3	69.8 69.8	-0.6 -0.5	-0.9% -0.7%	91.4% 92.6%	70.1 69.9	70.1 69.9	0.0	0.0%	91.4% 92.6%	65.2 64.9	64.6 64.6	-0.6 -0.3	-0.9% -0.5%
93.8%	66.8	66.7	-0.1	-0.1%	93.8%	70.3	69.6	-0.7	-1.0%	93.8%	69.7	69.9	0.2	0.3%	93.8%	64.2	63.9	-0.3	-0.5%
95.1%	66.8	66.6	-0.2	-0.3%	95.1%	69.9	69.1	-0.8	-1.1%	95.1%	69.7	69.4	-0.3	-0.4%	95.1%	64.1	63.8	-0.3	-0.5%
96.3% 97.5%	66.6 66.6	66.5 66.5	-0.1 -0.1	-0.2% -0.2%	96.3% 97.5%	69.5 69.2	68.9 68.9	-0.6 -0.3	-0.9% -0.4%	96.3% 97.5%	69.3 69.3	69.2 69.2	-0.1 -0.1	-0.1% -0.1%	96.3% 97.5%	63.8 63.2	63.5 63.2	-0.3 0.0	-0.5% 0.0%
98.8%	65.7	65.5	-0.1	-0.3%	98.8%	69.2	68.6	-0.3	-0.4%	98.8%	68.8	69.0	0.1	0.3%	98.8%	62.9	62.8	-0.1	-0.2%
100.0%	65.7	65.5	-0.2	-0.3%	100.0%	69.2	68.6	-0.6	-0.9%	100.0%	68.8	69.0	0.2	0.3%	100.0%	62.9	62.8	-0.1	-0.2%

Table SQ-15-7a
Feather River below Fish Barrier Dam, Monthly Temperature
Long-term Average and Average by Water Year Type

		Long	term Aver	rage and A										
	Monthly Temperature (DEG-F) Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Long-term													
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		
				Lor	ng-term									
Full Simulation Period ¹														
No Action Alternative	54.0	52.6	48.9	47.6	48.5	49.9	51.4	55.5	57.6	61.0	60.5	55.4		
Alternative C	54.1	52.5	48.8	47.6	48.4	49.9	51.4	55.6	57.6	61.0	60.5	55.3		
Difference	0.1	-0.1	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1		
Percent Difference ³	0.1%	-0.1%	-0.2%	-0.1%	-0.1%	-0.1%	0.0%	0.1%	-0.1%	0.0%	-0.1%	-0.29		
				Water Y	ear Types	2								
Net (32%)														
No Action Alternative	53.2	52.2	48.9	47.8	47.8	48.6	50.5	54.8	57.3	61.2	60.7	54.4		
Alternative C	53.4	52.2	48.7	47.7	47.8	48.6	50.5	54.8	57.2	61.2	60.6	54.5		
Difference	0.1	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	0.0		
Percent Difference	0.2%	0.0%	-0.3%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	-0.1%	-0.2%	0.0%		
Above Normal (15%)														
No Action Alternative	53.3	52.0	48.8	47.5	48.1	48.8	51.5	55.7	57.8	60.7	59.8	54.5		
Alternative C	53.4	52.0	48.5	47.5	48.1	48.8	51.5	55.7	57.6	60.7	59.9	54.5		
Difference	0.1	0.0	-0.3	0.0	0.0	-0.1	0.0	0.0	-0.2	0.0	0.1	0.0		
Percent Difference	0.2%	0.0%	-0.6%	-0.1%	0.0%	-0.2%	0.0%	0.0%	-0.3%	0.0%	0.2%	-0.19		
Below Normal (17%)														
No Action Alternative	53.8	52.3	48.5	47.5	48.4	50.3	52.0	55.9	57.8	60.8	59.9	55.6		
Alternative C	54.0	52.4	48.6	47.4	48.5	50.1	52.1	56.0	57.7	60.8	60.1	55.5		
Difference	0.1	0.0	0.1	-0.1	0.0	-0.2	0.1	0.0	-0.2	0.0	0.1	-0.2		
Percent Difference	0.3%	0.0%	0.2%	-0.2%	0.0%	-0.4%	0.1%	0.0%	-0.3%	0.0%	0.2%	-0.39		
Dry (22%)														
No Action Alternative	54.3	52.8	49.0	47.5	48.9	51.1	51.9	55.7	57.7	60.8	60.2	55.9		
Alternative C	54.7	52.8	48.9	47.4	48.9	51.3	51.9	55.9	57.8	60.8	59.9	55.6		
Difference	0.4	0.0	-0.1	-0.1	0.0	0.2	0.0	0.1	0.1	0.0	-0.3	-0.3		
Percent Difference	0.8%	0.0%	-0.2%	-0.2%	-0.1%	0.4%	0.0%	0.2%	0.2%	0.0%	-0.5%	-0.69		
Critical (15%)														
No Action Alternative	56.2	54.0	49.5	47.4	49.2	51.3	51.5	55.9	57.7	61.6	61.8	57.2		
Alternative C	55.5	53.6	49.3	47.5	49.2	51.1	51.6	56.0	57.8	61.5	62.0	57.1		
Difference	-0.7	-0.5	-0.2	0.1	-0.1	-0.2	0.1	0.1	0.1	-0.1	0.2	-0.1		
Percent Difference	-1.3%	-0.8%	-0.3%	0.3%	-0.1%	-0.4%	0.2%	0.2%	0.1%	-0.1%	0.3%	-0.19		

1 Based on the 82-year simulation period

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



Figure SQ-15-7b
Feather River below Fish Barrier Dam, Monthly Temperature
Probability of Exceedance

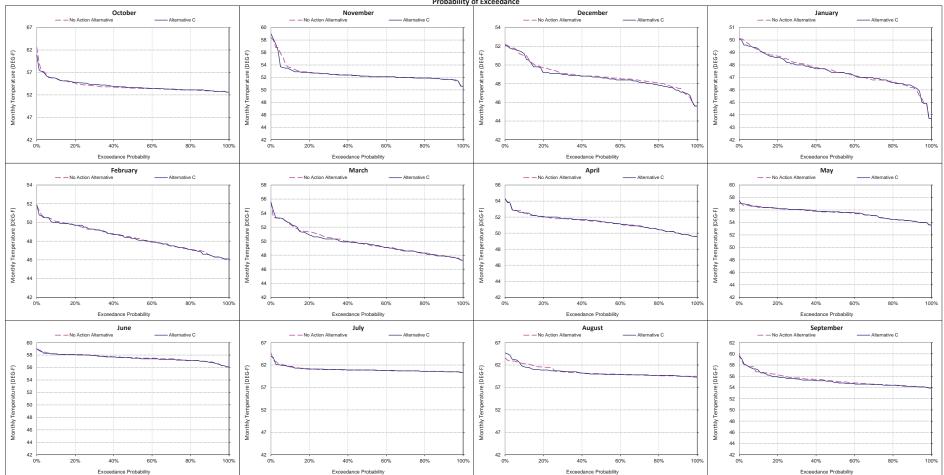


Table SQ-15-7b Feather River below Fish Barrier Dam, Monthly Temperature Probability of Exceedance

Decembe

Novembe

Octobe

January Percent Percent Percent Percent No Action Alternative Alternative C Absolute Relative Relative Relative Relative Exceedance Exceedance Difference Difference Difference Difference Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) 0.0% 62.6 60.9 0.0% 58.4 0.6 0.0% 52.2 52.1 -0.2% 50.1 50.1 0.0% 1.2% 59.1 57.5 -1.6 -2.7% 1.2% 58.0 58.2 0.2 0.3% 1.2% 52.1 52.0 -0.1 -0.2% 1.2% 50.1 50.0 -0.1 -0.2% 2.5% 57.3 57.2 -0.2% 2.5% 56.8 57.4 1.1% 2.5% 51.9 51.8 -0.2% 2.5% 50.0 49.6 -0.4-0.8% 3.7% 3.7% 57.2 57.0 -0.2 -0.3% 3.7% 56.8 56.3 -0.5 -0.9% 3.7% 51.8 51.7 -0.1 -0.2% 49.8 49.6 -0.2 -0.4% 4.9% 56.6 56.3 -0.3 -0.5% 4.9% 55.9 53.7 -2.2 -3.9% 4.9% 51.8 51.7 -0.1 -0.2% 4.9% 49.7 49.5 -0.2 -0.4% 6.2% 6.2% 6.2% 6.2% 56.0 55.9 -0.1 -0.2% 55.3 53.6 -1.7 -3.1% 51.5 51.6 0.1 0.2% 49.5 49.5 0.0 0.0% 7.4% 0.0% 7.4% 53.5 -0.8 -1.5% 7.4% 0.6% 7.4% 49.4 49.4 0.0 0.0% 8.6% 8.6% 8.6% 8.6 · . 9.9% 11.1% 12.3% 8.6% 55.8 55.8 0.0 0.0% 53.7 53.5 -0.2 -0.4% 51.1 51.4 0.3 0.6% 49 3 49.4 0.2% 9.9% 0.0% -0.6% 49.3 0.2% 11.1% 12.3% 55.5 55.4 -0.1 -0.2% 11.1% 53.4 53.1 -0.3 -0.6% 11.1% 51.0 50.6 -0.4 -0.8% 49.1 49.1 0.0 0.0% 13.6% 13.6% 13.6% -0.1 -0.1 -0.2% 55.2 55.1 -0.1 -0.2% 53.1 529 -0 2 -0.4% 50.3 50.2 -0.1 -0.2% 49 0 48 9 16.0% 16.0% 16.0% 16.0% 55.0 55.1 0.1 0.2% 52.9 52.8 -0.1 -0.2% 49.9 49.8 -0.1 -0.2% 48.8 48.7 -0.1 -0.2% 18.5% 0.4% 18.5% -0.2% 18.5% 18.5% 54.7 54.9 0.2 52.9 52.8 -0.1 49.8 49.7 -0.1 -0.2% 48.8 48.6 -0.2 -0.4% 19.8% 21.0% 54.7 54.4 54.8 54.8 0.1 0.2% 52.8 52.8 19.8% 21.0% -0.5 -0.5 -1.0% -1.0% 19.8% 21.0% -0.1 -0.1 21.0% 52.7 0.1 0.2% 49.7 49.2 48.7 48.6 -0.2% 22.2% 23.5% 54.4 54.3 54.7 54.7 0.6% 22.2% 23.5% 52.7 0.0% 22.2% 23.5% -0.4 -0.4 -0.8% 22.2% 23.5% 48.5 -0.1 -0.1 0.4 52.7 0.7% 52.7 0.0 0.0% 49.5 49.1 -0.8% 48.5 48.4 -0.2% 24.7% 25.9% 0.7% 24.7% 25.9% 24.7% 25.9% 24.7% 25.9% 48.2 48.2 54.2 54.2 0.4 52.7 0.0% 4Q 5 -0.4 -0.3 -0.8% 48.5 -0.3 -0.2 -0.6% 54.6 52.6 52.6 0.0 0.0% 49.4 49.1 -0.6% 48.4 -0.4% 27.2% 28.4% 0.6% 27.2% 28.4% 27.2% 52.6 52.6 0.0% 27.2% 49 3 -0.2 -0.4% 48 3 48 1 -0.2 -0.4% 54.1 54.1 54.3 0.2 28.4% 52.6 52.6 0.0 0.0% 28.4% 49.1 -0.1 48.2 48.1 -0.1 -0.2% 49.2 -0.2% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 0.6% -0.1 -0.1 -0.2% -0.2% 48.0 -0.2 -0.1 52.5 49.1 -0.2% 0.0% 32.1% 53.9 54.3 0.4 0.7% 32.1% 52.5 52.5 0.0% 32.1% 49.1 49.0 -0.1 -0.2% 32.1% 48.1 48.0 -0.1 -0.2% 33.3% 0.4 0.7% 33.3% 52.5 0.0% 33.3% 49.0 -0.1 -0.2% 33.3% 48.0 -0.1 -0.2% 34.6% 53.8 0.4 0.7% 34.6% 52.4 52.5 0.2% 34.6% 49.0 48.9 -0.1 -0.2% 34.6% 48.0 47.9 -0.1 -0.2% 35.8% 0.7% 35.8% 52.4 35.8% -0.1 -0.2% 35.8% -0.1 53.8 0.0% 49.0 48.9 47.9 -0.2% 37.0% 53.8 0.3 0.6% 37.0% 52.4 52.4 0.0% 37.0% 48.9 48.9 0.0 0.0% 37.0% 47.9 47.8 -0.1-0.2%38.3% 53.8 54.0 0.4% 38.3% 52.4 38.3% 0.0% 38.3% 47.8 -0.1 48.9 47.9 -0.2% 39.5% 53.7 53.9 0.2 0.4% 39.5% 52.4 52.4 0.0 0.0% 39.5% 48.8 48.8 0.0 0.0% 39.5% 47.8 47.7 -0.1 -0.2% 40.7% 53.7 53.9 0.2 0.4% 40.7% 52.4 52.4 0.0 0.0% 40.7% 48.8 48.8 0.0 0.0% 40.7% 47.8 47.7 -0.1 -0.2% 42.0% 53.7 53.9 0.2 0.4% 42.0% 52.3 52.4 0.2% 42.0% 48.8 48.8 0.0 0.0% 42.0% 47.7 47.7 0.0 0.0% 0.0% 43.2% 53.7 53.8 0.1 0.2% 43.2% 52.3 523 0.0 0.0% 43.2% 48.8 48.8 0.0 0.0% 43.2% 47.7 47.7 0.0 44.4% 0.2 0.4% 44.4% 52.3 52.3 0.0% 44.4% 48.8 48.8 0.0% 44.4% 47.7 47.7 0.0 0.0% 45.7% 45.7% 45.7% 53.6 53.8 0.2 0.4% 52.2 52.3 0.1 0.2% 48.8 48.7 -0.1 -0.2% 45.7% 47.6 47.6 0.0 0.0% -0.1 46.9% 53.6 53.7 0.1 0.2% 46.9% 52.2 52.2 0.0% 46.9% 48.8 48.7 -0.1 -0.2% 46.9% 47.6 47.5 -0.2% 48.1% 49.4% 53.5 53.7 0.2 0.4% 48.1% 52.2 52.2 0.0 0.0% 48.1% 48.8 48.7 -0.1 -0.2% 48.1% 47.6 47.4 -0.2 -0.4% 53.7 0.2 0.4% 49.4% 52.2 0.0% 49.4% 48.7 48.7 0.0% 49.4% 47.5 47.4 -0.1-0.2%50.6% 50.6% 50.6% 50.6% 53.5 53.6 0.1 0.2% 52.2 52.2 0.0 0.0% 48.7 48.6 -0.1 -0.2% 47.5 47.4 -0.1 -0.2% 47.4 51.9% 53.6 0.2% 51.9% 0.0% 48.7 48.6 -0.1 -0.1 -0.2% 51.9% 53.1% 0.0% 53.1% 53.1% 53.1% 53.4 0.2 52.1 0.0 53.6 52 1 0.0 0.0% 48.7 48.6 -0.2% 47 4 47.4 0.0% 55.6% 56.8% 55.6% 55.6% 55.6% 0.0% 53.4 53.5 0.1 0.2% 52.1 52.1 0.0 0.0% 48.6 48.5 -0.1 -0.2% 47.3 47.3 0.0 58.0% 0.2% 58.0% 58.0% 53.4 53.5 0.1 52.1 52.1 0.0 0.0% 48.6 48.4 -0.2 -0.4% 58.0% 47.2 47.3 0.1 0.2% 60.5% 60.5% 60.5% 53.4 53.4 0.0 0.0% 52.1 52.1 0.0 0.0% 48.5 48.4 -0.1 -0.2% 60.5% 47.1 47.1 0.0 0.0% 61.7% 47 1 63.0% 63.0% 63.0% 53.4 -0.1 63.0% 53.4 0.0 0.0% 52.1 52.1 0.0 0.0% 48.5 48.4 -0.2% 47.0 47.0 0.0 0.0% 64.2% 65.4% 53.4 53.4 0.1 64.2% 65.4% 64.2% 65.4% 64.2% 65.4% 47.0 47.0 0.0 -0.1 -0.1 53.3 52.0 0.0% 47.0 0.0% 0.2% 52.0 0.0 48.5 48.4 -0.2% 66.7% 67.9% 53.3 53.3 0.0% 66.7% 67.9% 66.7% 67.9% 66.7% 67.9% 53.3 53.3 52.0 0.0% 48.4 48 3 -0.1 -0.1 -0.2% 46.9 47.0 0.1 0.2% 0.0 47.0 52.0 52.0 48.3 0.0 0.0% 48.4 -0.2% 46.9 0.2% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 0.2% 52.0 18.4 -0.2 -0.2 -0.4% 47.0 53.3 0.1 0.1 53.2 0.2% 52.0 52.0 0.0 0.0% 48.3 48.1 -0.4% 46.8 46.9 0.2% 71.6% 53.2 53.3 0.1 0.2% 0.2% 71.6% 52.0 0.0% 71.6% 48 3 48 1 -0.2 -0.2 -0.4% 71.6% 46.8 46.9 0.1 0.2% 72.8% 53.1 53.2 72.8% 52.0 52.0 0.0 0.0% 72.8% 48.3 48.1 -0.4% 72.8% 46.8 46.9 0.1 0.2% -0.4% -0.4% 74.1% 75.3% 74.1% 75.3% 0.2% 74.1% 0.2% 74.1% -0.2 -0.2 46.8 46.8 0.0 0.0% 75.3% 75.3% 48.2 76.5% 53.1 0.0 0.0% 76.5% 51.9 51.9 0.0% 76.5% 48.2 48.0 -0.2 -0.4% 76.5% 46.7 46.8 0.1 0.2% 77.8% 0.0% 77.8% 77.8% -0.2 -0.4% 77.8% 0.0% 0.0% 79.0% 53.1 53.1 0.0 0.0% 79.0% 51.9 51.9 0.0 0.0% 79.0% 48.1 47.9 -0.2 -0.4% 79.0% 46.7 46.6 -0.1 -0.2% 80.2% 53.1 53.1 0.0% 80.2% 51.9 80.2% 48.0 80.2% -0.1 51.9 0.0% 47.8 -0.2 -0.4% 46.6 -0.2% 81.5% 53.1 53.1 0.0 0.0% 81.5% 51.9 51.9 0.0% 81.5% 48.0 47.8 -0.2-0.4% 81.5% 46.6 46.5 -0.1-0.2%82.7% 53.1 53.1 0.0% 82.7% 51.9 0.0% 82.7% 47.7 -0.3 -0.6% 82.7% 46.5 0.0% 84.0% 53.0 53.1 0.1 0.2% 84.0% 51.9 51.8 -0.1 -0.2% 84.0% 47.8 47.7 -0.1 -0.2% 84.0% 46.5 46.5 0.0 0.0% 85.2% 53.0 53.1 0.1 0.2% 85.2% 51.8 51.8 0.0 0.0% 85.2% 47.8 47.6 -0.2 -0.4% 85.2% 46.4 46.5 0.1 0.2% 86.4% 53.0 53.1 0.2% 86.4% 51.8 0.0% 86.4% 47.7 47.6 -0.1 -0.2% 86.4% 46.4 46.4 0.0% 87.7% 52.9 53.0 0.1 0.2% 87.7% 51.8 51.8 0.0 0.0% 87.7% 47.6 47.5 -0.1 -0.2% 87.7% 46.3 46.4 0.1 0.2% 88.9% 52.9 53.0 0.1 0.2% 88.9% 51.8 51.7 -0.1 -0.2% 88.9% 47.6 47.3 -0.3 -0.6% 88.9% 46.2 46.4 0.2 0.4% 90.1% 52.9 52.9 0.0 0.0% 90.1% 51.7 51.7 0.0 0.0% 90.1% 47.5 47.3 -0.2 -0.4% 90.1% 46.2 46.3 0.1 0.2% 91.4% 52.9 52.8 0.2% 91.4% 91.4% 47.5 -0.8% 91.4% 46.2 0.1 91.4% 92.6% 92.6% 52.8 0.0 0.0% 51.7 51.7 0.0 0.0% 47 1 47 1 0.0 0.0% 92.6% 45.9 46.1 0.4% 93.8% 52.8 0.0 51.7 47.0 0.2% 93.8% 52.8 0.0% 93.8% 51.7 0.0 0.0% 93.8% 46.9 0.1 45.5 45.9 0.4 0.9% 95.1% 95.1% 95.1% 95.1% 52.8 52.8 0.0 0.0% 51.6 51.6 0.0 0.0% 46.7 46.9 0.2 0.4% 45.3 45.0 -0.3 -0.7% 96.3% 52.8 52.8 0.0% 96.3% 97.5% 51.6 51.4 0.4% 96.3% 97.5% 46.5 0.4% 96.3% 97.5% 44.9 44.9 0.0 0.0% 0.2 97.5% 0.1 0.0 0.0% 52.8 0.0 0.0% 51.3 0.2% 45.9 46.0 0.2% 44 9 449 0.0% 0.0% 98.8% 0.0% 100.0% 100.0% 100.0% 100.0% 52.6 52.6 0.0 0.0% 50.6 50.6 0.0% 45.6 45.6 0.0 0.0% 43.7 43.7 0.0 0.0%

Table SQ-15-7b
Feather River below Fish Barrier Dam, Monthly Temperature
Probability of Exceedance

		February					March					April					May		
Percent	No Action Alternative	Alternative C	Absolute		Percent	No Action Alternative	Alternative C	Absolute		Percent	No Action Alternative	Alternative C	Absolute		Percent	No Action Alternative	Alternative C	Absolute	
Exceedance			Difference	Relative	Exceedance			Difference	Relative	Exceedance			Difference	Relative	Exceedance			Difference	Relative
Probability		Monthly Temperature	(DEG-F)	Difference (%)	Probability		Monthly Temperature	(DEG-F)	Difference (%)	Probability		Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	51.8	51.9	0.1	0.2%	0.0%	55.6	55.5	-0.1	-0.2%	0.0%	54.3	54.3	0.0	0.0%	0.0%	57.1	57.5	0.4	0.7%
1.2%	51.3	50.8	-0.5	-1.0%	1.2%	53.4	54.4	1.0	1.9%	1.2%	53.9	53.8	-0.1	-0.2%	1.2%	57.0	57.0	0.0	0.0%
2.5%	50.8	50.7	-0.1	-0.2%	2.5%	53.3	53.4	0.1	0.2%	2.5%	53.8	53.8	0.0	0.0%	2.5%	56.7	57.0	0.3	0.5%
3.7%	50.6	50.5	-0.1	-0.2%	3.7%	53.3	53.3	0.0	0.0%	3.7%	53.0	52.9	-0.1	-0.2%	3.7%	56.7	56.9	0.2	0.4%
4.9%	50.5	50.5	0.0	0.0%	4.9%	53.2	53.3	0.1	0.2%	4.9%	52.9	52.8	-0.1	-0.2%	4.9%	56.7	56.9	0.2	0.4%
6.2%	50.5	50.5	0.0	0.0%	6.2%	53.2	53.2	0.0	0.0%	6.2%	52.8	52.8	0.0	0.0%	6.2%	56.6	56.7	0.1	0.2%
7.4%	50.4	50.1	-0.3	-0.6%	7.4%	52.9	52.9	0.0	0.0%	7.4%	52.8	52.6	-0.2	-0.4%	7.4%	56.6	56.6	0.0	0.0%
8.6%	50.3	50.0	-0.3	-0.6%	8.6%	52.8	52.7	-0.1	-0.2%	8.6%	52.8	52.6	-0.2	-0.4%	8.6%	56.6	56.6	0.0	0.0%
9.9%	50.1	50.0	-0.1	-0.2%	9.9%	52.4	52.6	0.2	0.4%	9.9%	52.5	52.5	0.0	0.0%	9.9%	56.4	56.6	0.2	0.4%
11.1%	50.1	50.0	-0.1	-0.2%	11.1%	52.2	52.3	0.1	0.2%	11.1%	52.5	52.5	0.0	0.0%	11.1%	56.4	56.5	0.1	0.2%
12.3%	50.0	49.9	-0.1	-0.2%	12.3%	51.9	52.2	0.3	0.6%	12.3%	52.3	52.5	0.2	0.4%	12.3%	56.4	56.4	0.0	0.0%
13.6%	50.0	49.9	-0.1	-0.2%	13.6%	51.8	52.0	0.2	0.4%	13.6%	52.2	52.3	0.1	0.2%	13.6%	56.4	56.4	0.0	0.0%
14.8%	49.9	49.9	0.0	0.0%	14.8%	51.5	51.4	-0.1	-0.2%	14.8%	52.2	52.2	0.0	0.0%	14.8%	56.4	56.4	0.0	0.0%
16.0%	49.9	49.9	0.0	0.0%	16.0%	51.5	51.3	-0.2	-0.4%	16.0%	52.2	52.2	0.0	0.0%	16.0%	56.4	56.4	0.0	0.0%
17.3%	49.9	49.8	-0.1	-0.2%	17.3%	51.4	51.3	-0.2	-0.2%	17.3%	52.1	52.1	0.0	0.0%	17.3%	56.3	56.4	0.1	0.2%
18.5%	49.8	49.8			18.5%	51.4	51.1	-0.3		18.5%	52.1	52.1	0.0	0.0%	18.5%	56.3	56.3	0.0	
	49.8	49.8	0.0	0.0%		51.4	50.9		-0.6%										0.0%
19.8% 21.0%	49.7	49.7	0.0	0.0%	19.8% 21.0%	51.3	50.8	-0.4 -0.5	-0.8% -1.0%	19.8% 21.0%	52.0 52.0	52.1 52.0	0.1	0.2%	19.8% 21.0%	56.2 56.2	56.3 56.2	0.1	0.2%
																			0.0%
22.2%	49.6	49.7	0.1	0.2%	22.2%	51.2	50.6	-0.6	-1.2%	22.2%	52.0	52.0	0.0	0.0%	22.2%	56.2	56.2	0.0	0.0%
23.5%	49.5	49.7	0.2	0.4%	23.5%	51.1	50.6	-0.5	-1.0%	23.5%	51.9	52.0	0.1	0.2%	23.5%	56.1	56.2	0.1	0.2%
24.7%	49.4	49.5	0.1	0.2%	24.7%	50.9	50.6	-0.3	-0.6%	24.7%	51.9	52.0	0.1	0.2%	24.7%	56.1	56.2	0.1	0.2%
25.9%	49.3	49.5	0.2	0.4%	25.9%	50.9	50.5	-0.4	-0.8%	25.9%	51.8	52.0	0.2	0.4%	25.9%	56.1	56.1	0.0	0.0%
27.2%	49.3	49.3	0.0	0.0%	27.2%	50.7	50.4	-0.3	-0.6%	27.2%	51.8	52.0	0.2	0.4%	27.2%	56.1	56.1	0.0	0.0%
28.4%	49.3	49.3	0.0	0.0%	28.4%	50.7	50.3	-0.4	-0.8%	28.4%	51.8	51.9	0.1	0.2%	28.4%	56.1	56.1	0.0	0.0%
29.6%	49.2	49.3	0.1	0.2%	29.6%	50.5	50.3	-0.2	-0.4%	29.6%	51.8	51.8	0.0	0.0%	29.6%	56.1	56.1	0.0	0.0%
30.9%	49.2	49.2	0.0	0.0%	30.9%	50.5	50.3	-0.2	-0.4%	30.9%	51.8	51.8	0.0	0.0%	30.9%	56.1	56.1	0.0	0.0%
32.1%	49.2	49.2	0.0	0.0%	32.1%	50.4	50.3	-0.1	-0.2%	32.1%	51.8	51.8	0.0	0.0%	32.1%	56.0	56.1	0.1	0.2%
33.3%	49.2	49.1	-0.1	-0.2%	33.3%	50.3	50.3	0.0	0.0%	33.3%	51.7	51.8	0.1	0.2%	33.3%	56.0	56.1	0.1	0.2%
34.6%	49.0	49.1	0.1	0.2%	34.6%	50.3	50.2	-0.1	-0.2%	34.6%	51.7	51.8	0.1	0.2%	34.6%	55.9	56.0	0.1	0.2%
35.8%	49.0	49.0	0.0	0.0%	35.8%	50.3	50.0	-0.3	-0.6%	35.8%	51.7	51.7	0.0	0.0%	35.8%	55.9	56.0	0.1	0.2%
37.0%	48.9	48.8	-0.1	-0.2%	37.0%	50.2	49.9	-0.3	-0.6%	37.0%	51.7	51.7	0.0	0.0%	37.0%	55.9	56.0	0.1	0.2%
38.3%	48.8	48.8	0.0	0.0%	38.3%	50.0	49.9	-0.1	-0.2%	38.3%	51.7	51.7	0.0	0.0%	38.3%	55.8	55.9	0.1	0.2%
39.5%	48.7	48.8	0.0	0.2%	39.5%	50.0	49.9	-0.1	-0.2%	39.5%	51.6	51.7	0.1	0.2%	39.5%	55.8	55.9	0.1	0.2%
40.7%	48.7	48.7	0.0	0.0%	40.7%	49.9	49.9	0.0	0.0%	40.7%	51.6	51.7	0.1	0.2%	40.7%	55.8	55.8	0.0	0.0%
42.0%	48.7	48.7	0.0	0.0%	42.0%	49.9	49.8	-0.1	-0.2%	42.0%	51.6	51.7	0.1	0.2%	42.0%	55.8	55.8	0.0	0.0%
43.2%	48.7	48.6	-0.1	-0.2%	43.2%	49.9	49.8	-0.1	-0.2%	43.2%	51.6	51.6	0.0	0.0%	43.2%	55.7	55.8	0.0	
																			0.2%
44.4%	48.6	48.6	0.0	0.0%	44.4%	49.8	49.8	0.0	0.0%	44.4%	51.5	51.6	0.1	0.2%	44.4%	55.7	55.8	0.1	0.2%
45.7%	48.6	48.4	-0.2	-0.4%	45.7%	49.7	49.7	0.0	0.0%	45.7%	51.5	51.6	0.1	0.2%	45.7%	55.7	55.8	0.1	0.2%
46.9%	48.5	48.4	-0.1	-0.2%	46.9%	49.7	49.7	0.0	0.0%	46.9%	51.5	51.6	0.1	0.2%	46.9%	55.7	55.7	0.0	0.0%
48.1%	48.5	48.4	-0.1	-0.2%	48.1%	49.6	49.7	0.1	0.2%	48.1%	51.5	51.5	0.0	0.0%	48.1%	55.7	55.7	0.0	0.0%
49.4%	48.4	48.3	-0.1	-0.2%	49.4%	49.5	49.7	0.2	0.4%	49.4%	51.4	51.5	0.1	0.2%	49.4%	55.6	55.7	0.1	0.2%
50.6%	48.4	48.3	-0.1	-0.2%	50.6%	49.5	49.6	0.1	0.2%	50.6%	51.4	51.4	0.0	0.0%	50.6%	55.6	55.7	0.1	0.2%
51.9%	48.3	48.2	-0.1	-0.2%	51.9%	49.4	49.5	0.1	0.2%	51.9%	51.4	51.4	0.0	0.0%	51.9%	55.6	55.7	0.1	0.2%
53.1%	48.3	48.1	-0.2	-0.4%	53.1%	49.3	49.5	0.2	0.4%	53.1%	51.3	51.3	0.0	0.0%	53.1%	55.6	55.6	0.0	0.0%
54.3%	48.2	48.1	-0.1	-0.2%	54.3%	49.3	49.4	0.1	0.2%	54.3%	51.3	51.3	0.0	0.0%	54.3%	55.6	55.6	0.0	0.0%
55.6%	48.1	48.1	0.0	0.0%	55.6%	49.3	49.4	0.1	0.2%	55.6%	51.2	51.3	0.1	0.2%	55.6%	55.6	55.6	0.0	0.0%
56.8%	48.0	48.1	0.1	0.2%	56.8%	49.2	49.3	0.1	0.2%	56.8%	51.2	51.2	0.0	0.0%	56.8%	55.6	55.6	0.0	0.0%
58.0%	47.9	48.0	0.1	0.2%	58.0%	49.2	49.2	0.0	0.0%	58.0%	51.2	51.2	0.0	0.0%	58.0%	55.5	55.6	0.1	0.2%
59.3%	47.9	48.0	0.1	0.2%	59.3%	49.1	49.1	0.0	0.0%	59.3%	51.1	51.2	0.1	0.2%	59.3%	55.5	55.6	0.1	0.2%
60.5%	47.9	47.9	0.0	0.0%	60.5%	49.1	49.1	0.0	0.0%	60.5%	51.1	51.1	0.0	0.0%	60.5%	55.4	55.5	0.1	0.2%
61.7%	47.9	47.9	0.0	0.0%	61.7%	49.1	49.0	-0.1	-0.2%	61.7%	51.0	51.1	0.1	0.2%	61.7%	55.4	55.5	0.1	0.2%
63.0%	47.9	47.8	-0.1	-0.2%	63.0%	49.1	49.0	-0.1	-0.2%	63.0%	51.0	51.1	0.1	0.2%	63.0%	55.4	55.5	0.1	0.2%
64.2%	47.9 47.8	47.8	0.0	0.2%	64.2%	49.1	49.0	-0.1	-0.2%	64.2%	51.0	51.1	0.1	0.2%	64.2%	55.4 55.3	55.4	0.1	0.2%
65.4%	47.7	47.7	0.0	0.0%	65.4%	48.9	48.8	-0.1	-0.2%	65.4%	50.9	51.0	0.0	0.0%	65.4%	55.2	55.2	0.0	0.2%
66.7%	47.6 47.6	47.7 47.7	0.1	0.2%	66.7% 67.9%	48.8 48.8	48.8 48.7	0.0 -0.1	0.0%	66.7%	50.9	51.0 50.9	0.1	0.2%	66.7% 67.9%	55.2 55.2	55.2 55.2	0.0	0.0%
67.9% 69.1%	47.6 47.5	47.7	0.1	0.2%	69.1%	48.8 48.7	48.7	-0.1	-0.2% -0.2%	67.9% 69.1%	50.9 50.9	50.9	0.0	0.0%	67.9%	55.2 55.1	55.2 55.1	0.0	0.0%
	47.5 47.5	47.5 47.5	0.0		70.4%	48.7 48.6	48.6 48.6	-0.1		70.4%	50.9	50.9	0.0		70.4%	55.1 55.1	55.1 55.1	0.0	0.0%
70.4%				0.0%					0.0%					0.2%					0.0%
71.6%	47.4	47.5	0.1	0.2%	71.6%	48.6	48.6	0.0	0.0%	71.6%	50.8	50.8	0.0	0.0%	71.6%	55.0	55.1	0.1	0.2%
72.8%	47.4	47.4	0.0	0.0%	72.8%	48.6	48.6	0.0	0.0%	72.8%	50.7	50.7	0.0	0.0%	72.8%	54.8	54.8	0.0	0.0%
74.1%	47.3	47.3	0.0	0.0%	74.1%	48.6	48.6	0.0	0.0%	74.1%	50.7	50.7	0.0	0.0%	74.1%	54.7	54.8	0.1	0.2%
75.3%	47.3	47.3	0.0	0.0%	75.3%	48.5	48.5	0.0	0.0%	75.3%	50.6	50.6	0.0	0.0%	75.3%	54.7	54.7	0.0	0.0%
76.5%	47.2	47.3	0.1	0.2%	76.5%	48.4	48.4	0.0	0.0%	76.5%	50.6	50.6	0.0	0.0%	76.5%	54.6	54.6	0.0	0.0%
77.8%	47.2	47.2	0.0	0.0%	77.8%	48.3	48.4	0.1	0.2%	77.8%	50.6	50.6	0.0	0.0%	77.8%	54.6	54.6	0.0	0.0%
79.0%	47.2	47.1	-0.1	-0.2%	79.0%	48.3	48.3	0.0	0.0%	79.0%	50.5	50.5	0.0	0.0%	79.0%	54.5	54.5	0.0	0.0%
80.2%	47.1	47.1	0.0	0.0%	80.2%	48.3	48.3	0.0	0.0%	80.2%	50.4	50.4	0.0	0.0%	80.2%	54.5	54.5	0.0	0.0%
81.5%	47.1	47.0	-0.1	-0.2%	81.5%	48.3	48.1	-0.2	-0.4%	81.5%	50.4	50.4	0.0	0.0%	81.5%	54.5	54.5	0.0	0.0%
82.7%	47.0	47.0	0.0	0.0%	82.7%	48.2	48.1	-0.1	-0.2%	82.7%	50.3	50.3	0.0	0.0%	82.7%	54.4	54.4	0.0	0.0%
84.0%	47.0	46.9	-0.1	-0.2%	84.0%	48.1	48.1	0.0	0.0%	84.0%	50.2	50.2	0.0	0.0%	84.0%	54.4	54.4	0.0	0.0%
85.2%	47.0	46.9	-0.1	-0.2%	85.2%	48.1	48.0	-0.1	-0.2%	85.2%	50.2	50.2	0.0	0.0%	85.2%	54.4	54.4	0.0	0.0%
86.4%	46.9	46.6	-0.3	-0.6%	86.4%	48.0	47.9	-0.1	-0.2%	86.4%	50.2	50.2	0.0	0.0%	86.4%	54.3	54.3	0.0	0.0%
87.7%	46.9	46.6	-0.3	-0.6%	87.7%	47.9	47.9	0.0	0.0%	87.7%	50.2	50.2	0.0	0.0%	87.7%	54.3	54.3	0.0	0.0%
88.9%	46.6	46.6	0.0	0.0%	88.9%	47.9 47.9	47.9	0.0	0.0%	88.9%	50.2	50.2	0.0	0.0%	88.9%	54.3	54.3	0.0	0.0%
90.1%	46.5	46.5	0.0	0.0%	90.1%	47.9	47.9 47.9	0.0	0.0%	90.1%	50.0	50.0	0.0	0.0%	90.1%	54.3 54.2	54.3 54.2	0.0	0.0%
90.1%	46.5 46.4	46.5	0.0	0.0%	90.1%	47.9	47.9	0.0	0.0%	90.1%	49.9	49.9	0.0	0.0%	90.1%	54.2 54.2	54.2	0.0	0.0%
92.6%	46.3	46.3	0.0	0.0%	92.6%	47.8	47.8	0.0	0.0%	92.6%	49.8	49.8	0.0	0.0%	92.6%	54.1	54.1	0.0	0.0%
93.8%	46.3	46.3	0.0	0.0%	93.8%	47.7	47.7	0.0	0.0%	93.8%	49.8	49.8	0.0	0.0%	93.8%	54.0	54.0	0.0	0.0%
95.1%	46.3	46.3	0.0	0.0%	95.1%	47.7	47.7	0.0	0.0%	95.1%	49.8	49.8	0.0	0.0%	95.1%	54.0	54.0	0.0	0.0%
96.3%	46.2	46.2	0.0	0.0%	96.3%	47.6	47.6	0.0	0.0%	96.3%	49.7	49.7	0.0	0.0%	96.3%	54.0	54.0	0.0	0.0%
97.5%	46.1	46.1	0.0	0.0%	97.5%	47.6	47.5	-0.1	-0.2%	97.5%	49.6	49.6	0.0	0.0%	97.5%	54.0	54.0	0.0	0.0%
98.8%	46.1	46.1	0.0	0.0%	98.8%	47.3	47.3	0.0	0.0%	98.8%	49.6	49.6	0.0	0.0%	98.8%	53.6	53.6	0.0	0.0%
100.0%	46.1	46.1	0.0	0.0%	100.0%	47.3	47.3	0.0	0.0%	100.0%	49.6	49.6	0.0	0.0%	100.0%	53.6	53.6	0.0	0.0%
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Table SQ-15-7b
Feather River below Fish Barrier Dam, Monthly Temperature
Probability of Exceedance

		June					July			·		August					September		
Percent	No Action Alternative	Alternative C	Absolute		Percent	No Action Alternative	Alternative C	Absolute		Percent	No Action Alternative	Alternative C	Absolute		Percent	No Action Alternative	Alternative C	Absolute	
Exceedance			Difference	Relative	Exceedance			Difference	Relative	Exceedance			- Difference	Relative	Exceedance			Difference	Relative
Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability		Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	59.0	59.0	0.0	0.0%	0.0%	64.7	63.9	-0.8	-1.2%	0.0%	63.6	64.7	1.1	1.7%	0.0%	60.0	59.5	-0.5	-0.8%
1.2%	58.7	58.8	0.1	0.2%	1.2%	63.1	63.7	0.6	1.0%	1.2%	63.1	64.5	1.4	2.2%	1.2%	58.7	59.2	0.5	0.9%
2.5%	58.5	58.6	0.1	0.2%	2.5%	62.8	62.2	-0.6	-1.0%	2.5%	62.9	64.2	1.3	2.1%	2.5%	58.1	58.2	0.1	0.2%
3.7%	58.5	58.3	-0.2	-0.3%	3.7%	62.4	62.1	-0.3	-0.5%	3.7%	62.9	63.3	0.4	0.6%	3.7%	57.9	58.0	0.1	0.2%
4.9%	58.4	58.3	-0.1	-0.2%	4.9%	62.3	62.0	-0.3	-0.5%	4.9%	62.9	63.2	0.3	0.5%	4.9%	57.7	57.7	0.0	0.0%
6.2%	58.3	58.3	0.0	0.0%	6.2%	62.1	61.9	-0.2	-0.3%	6.2%	62.7	63.1	0.4	0.6%	6.2%	57.7	57.5	-0.2	-0.3%
7.4%	58.3	58.2	-0.1	-0.2%	7.4%	61.9	61.9	0.0	0.0%	7.4%	62.6	62.6	0.0	0.0%	7.4%	57.7	57.3	-0.4	-0.7%
8.6%	58.2	58.2	0.0	0.0%	8.6%	61.9	61.7	-0.2	-0.3%	8.6%	62.4	61.8	-0.6	-1.0%	8.6%	56.8	57.3	0.5	0.9%
9.9%	58.2	58.2	0.0	0.0%	9.9%	61.6	61.7	0.1	0.2%	9.9%	62.3	61.6	-0.7	-1.1%	9.9%	56.8	57.1	0.3	0.5%
11.1%	58.2	58.1	-0.1	-0.2%	11.1%	61.5	61.7	0.2	0.3%	11.1%	62.2	61.5	-0.7	-1.1%	11.1%	56.7	56.6	-0.1	-0.2%
12.3%	58.1	58.1	0.0	0.0%	12.3%	61.5	61.3	-0.2	-0.3%	12.3%	62.2	61.5	-0.7	-1.1%	12.3%	56.7	56.6	-0.1	-0.2%
13.6%	58.1	58.1	0.0	0.0%	13.6%	61.4	61.3	-0.1	-0.2%	13.6%	62.0	61.2	-0.8	-1.3%	13.6%	56.6	56.5	-0.1	-0.2%
14.8%	58.1	58.1	0.0	0.0%	14.8%	61.3	61.3	0.0	0.0%	14.8%	61.9	61.0	-0.9	-1.5%	14.8%	56.6	56.2	-0.4	-0.7%
16.0%	58.1	58.1	0.0	0.0%	16.0%	61.3	61.2	-0.1	-0.2%	16.0%	61.7	61.0	-0.7	-1.1%	16.0%	56.5	56.2	-0.3	-0.5%
17.3%	58.1	58.1	0.0	0.0%	17.3%	61.3	61.2	-0.1	-0.2%	17.3%	61.6	61.0	-0.6	-1.0%	17.3%	56.4	55.9	-0.5	-0.9%
18.5%	58.1	58.1	0.0	0.0%	18.5%	61.2	61.1	-0.1	-0.2%	18.5%	61.6	60.9	-0.7	-1.1%	18.5%	56.4	55.9	-0.5	-0.9%
19.8%	58.1	58.1	0.0	0.0%	19.8%	61.2	61.1	-0.1	-0.2%	19.8%	61.5	60.9	-0.6	-1.0%	19.8%	56.2	55.9	-0.3	-0.5%
21.0%	58.1	58.0	-0.1	-0.2%	21.0%	61.1	61.1	0.0	0.0%	21.0%	61.5	60.9	-0.6	-1.0%	21.0%	56.2	55.8	-0.4	-0.7%
22.2%	58.1	58.0	-0.1	-0.2%	22.2%	61.1	61.1	0.0	0.0%	22.2%	61.5	60.9	-0.6	-1.0%	22.2%	56.1	55.8	-0.3	-0.5%
23.5%	58.1	58.0	-0.1	-0.2%	23.5%	61.1	61.1	0.0	0.0%	23.5%	61.4	60.7	-0.7	-1.1%	23.5%	56.0	55.8	-0.2	-0.4%
24.7%	58.1	58.0	-0.1	-0.2%	24.7%	61.0	61.1	0.0	0.0%	23.5%	61.3	60.7	-0.7	-1.0%	24.7%	55.9	55.6	-0.2	-0.4%
25.9%	58.0	58.0	0.0	0.0%	25.9%	61.0	61.1		0.2%	25.9%	60.6	60.7	0.1	0.2%	25.9%	55.8	55.6	-0.3	
27.2%	58.0	58.0	0.0	0.0%	27.2%	61.0	61.1	0.1	0.2%	27.2%	60.6	60.7	0.1	0.2%	27.2%	55.8	55.6	-0.2	-0.4% -0.4%
							61.0	0.0											
28.4%	58.0	57.9	-0.1	-0.2%	28.4%	61.0			0.0%	28.4%	60.6	60.7	0.1	0.2%	28.4%	55.7	55.6	-0.1	-0.2%
29.6%	58.0	57.9 57.9	-0.1	-0.2%	29.6%	61.0	61.0 61.0	0.0	0.0%	29.6%	60.5	60.6 60.6	0.1	0.2%	29.6%	55.7 55.7	55.5	-0.2	-0.4%
30.9%	57.9		0.0	0.0%	30.9%	61.0		0.0	0.0%	30.9%	60.5		0.1	0.2%	30.9%		55.5	-0.2	-0.4%
32.1%	57.9	57.8	-0.1	-0.2%	32.1%	61.0	61.0	0.0	0.0%	32.1%	60.3	60.6	0.3	0.5%	32.1%	55.6	55.4	-0.2	-0.4%
33.3%	57.9	57.8	-0.1	-0.2%	33.3%	61.0	61.0	0.0	0.0%	33.3%	60.3	60.5	0.2	0.3%	33.3%	55.6	55.3	-0.3	-0.5%
34.6%	57.8	57.8	0.0	0.0%	34.6%	61.0	61.0	0.0	0.0%	34.6%	60.3	60.5	0.2	0.3%	34.6%	55.5	55.3	-0.2	-0.4%
35.8%	57.8	57.7	-0.1	-0.2%	35.8%	61.0	61.0	0.0	0.0%	35.8%	60.3	60.5	0.2	0.3%	35.8%	55.5	55.3	-0.2	-0.4%
37.0%	57.8	57.7	-0.1	-0.2%	37.0%	60.9	61.0	0.1	0.2%	37.0%	60.3	60.5	0.2	0.3%	37.0%	55.5	55.3	-0.2	-0.4%
38.3%	57.8	57.7	-0.1	-0.2%	38.3%	60.9	61.0	0.1	0.2%	38.3%	60.3	60.3	0.0	0.0%	38.3%	55.5	55.3	-0.2	-0.4%
39.5%	57.7	57.7	0.0	0.0%	39.5%	60.9	60.9	0.0	0.0%	39.5%	60.2	60.2	0.0	0.0%	39.5%	55.4	55.2	-0.2	-0.4%
40.7%	57.7	57.7	0.0	0.0%	40.7%	60.9	60.9	0.0	0.0%	40.7%	60.2	60.2	0.0	0.0%	40.7%	55.4	55.2	-0.2	-0.4%
42.0%	57.7	57.6	-0.1	-0.2%	42.0%	60.9	60.9	0.0	0.0%	42.0%	60.2	60.1	-0.1	-0.2%	42.0%	55.4	55.2	-0.2	-0.4%
43.2%	57.7	57.6	-0.1	-0.2%	43.2%	60.9	60.9	0.0	0.0%	43.2%	60.1	60.1	0.0	0.0%	43.2%	55.4	55.2	-0.2	-0.4%
44.4%	57.6	57.6	0.0	0.0%	44.4%	60.9	60.9	0.0	0.0%	44.4%	60.1	60.0	-0.1	-0.2%	44.4%	55.3	55.2	-0.1	-0.2%
45.7%	57.6	57.6	0.0	0.0%	45.7%	60.9	60.9	0.0	0.0%	45.7%	60.1	60.0	-0.1	-0.2%	45.7%	55.2	55.1	-0.1	-0.2%
46.9%	57.6	57.6	0.0	0.0%	46.9%	60.9	60.9	0.0	0.0%	46.9%	60.1	60.0	-0.1	-0.2%	46.9%	55.2	55.1	-0.1	-0.2%
48.1%	57.6	57.6	0.0	0.0%	48.1%	60.9	60.9	0.0	0.0%	48.1%	60.1	60.0	-0.1	-0.2%	48.1%	55.2	55.1	-0.1	-0.2%
49.4%	57.6	57.5	-0.1	-0.2%	49.4%	60.9	60.9	0.0	0.0%	49.4%	60.1	60.0	-0.1	-0.2%	49.4%	55.1	54.9	-0.2	-0.4%
50.6%	57.6	57.5	-0.1	-0.2%	50.6%	60.9	60.9	0.0	0.0%	50.6%	60.0	60.0	0.0	0.0%	50.6%	55.1	54.9	-0.2	-0.4%
51.9%	57.6	57.5	-0.1	-0.2%	51.9%	60.9	60.9	0.0	0.0%	51.9%	60.0	59.9	-0.1	-0.2%	51.9%	55.0	54.8	-0.2	-0.4%
53.1%	57.5	57.5	0.0	0.0%	53.1%	60.9	60.9	0.0	0.0%	53.1%	60.0	59.9	-0.1	-0.2%	53.1%	55.0	54.8	-0.2	-0.4%
54.3%	57.5	57.4	-0.1	-0.2%	54.3%	60.8	60.9	0.1	0.2%	54.3%	60.0	59.9	-0.1	-0.2%	54.3%	55.0	54.8	-0.2	-0.4%
55.6%	57.5	57.4	-0.1	-0.2%	55.6%	60.8	60.8	0.0	0.0%	55.6%	60.0	59.9	-0.1	-0.2%	55.6%	55.0	54.7	-0.3	-0.5%
56.8%	57.5	57.4	-0.1	-0.2%	56.8%	60.8	60.8	0.0	0.0%	56.8%	60.0	59.9	-0.1	-0.2%	56.8%	54.9	54.7	-0.2	-0.4%
58.0%	57.5	57.4	-0.1	-0.2%	58.0%	60.8	60.8	0.0	0.0%	58.0%	59.9	59.9	0.0	0.0%	58.0%	54.8	54.7	-0.1	-0.2%
59.3%	57.5	57.4	-0.1	-0.2%	59.3%	60.8	60.8	0.0	0.0%	59.3%	59.9	59.9	0.0	0.0%	59.3%	54.8	54.7	-0.1	-0.2%
60.5%	57.5	57.4	-0.1	-0.2%	60.5%	60.8	60.8	0.0	0.0%	60.5%	59.9	59.9	0.0	0.0%	60.5%	54.8	54.6	-0.2	-0.4%
61.7%	57.5	57.4	-0.1	-0.2%	61.7%	60.8	60.8	0.0	0.0%	61.7%	59.9	59.8	-0.1	-0.2%	61.7%	54.8	54.6	-0.2	-0.4%
63.0%	57.4	57.4	0.0	0.0%	63.0%	60.7	60.8	0.1	0.2%	63.0%	59.9	59.8	-0.1	-0.2%	63.0%	54.7	54.6	-0.1	
64.2%	57.4 57.4	57.4 57.3	-0.1	-0.2%	64.2%	60.7	60.8	0.1	0.2%	64.2%	59.9 59.9	59.8 59.8	-0.1	-0.2%	64.2%	54.7 54.7	54.6	-0.1	-0.2% -0.2%
65.4%	57.4 57.4	57.3 57.3	-0.1	-0.2%	65.4%	60.7	60.7	0.1	0.2%	65.4%	59.9	59.8 59.8	-0.1	-0.2%	65.4%	54.7 54.7	54.6 54.6	-0.1	-0.2% -0.2%
66.7%	57.4	57.3	-0.1	-0.2%	66.7%	60.7	60.7	0.0	0.0%	66.7%	59.8	59.8	0.0	0.2%	66.7%	54.7	54.6	0.0	0.0%
67.9%	57.4 57.4	57.3 57.3	-0.1	-0.2%	67.9%	60.7	60.7	0.0	0.0%	67.9%		59.8 59.8	0.0	0.0%	67.9%	54.6 54.6	54.6 54.6	0.0	0.0%
69.1%	57.4	57.3	-0.1	-0.2%	69.1%	60.7	60.7	0.0	0.0%	69.1%	59.8 59.8	59.8	0.0	0.0%	69.1%	54.6	54.5	-0.1	-0.2%
70.4%	57.4 57.4	57.3 57.3	-0.1	-0.2%	70.4%	60.7	60.7	0.0	0.0%	70.4%	59.8 59.8	59.8 59.8	0.0	0.0%	70.4%	54.6 54.6	54.5 54.5	-0.1	-0.2%
71.6%	57.4	57.3		-0.2%	71.6%	60.7	60.7				59.8	59.8	0.0	0.0%	70.4%	54.5	54.5	0.0	
71.6%	57.4 57.3	57.3 57.2	-0.1 -0.1	-0.2%	71.6%	60.7	60.7	0.0	0.0%	71.6% 72.8%	59.8 59.7	59.8 59.8	0.0	0.0%	71.6%	54.5 54.5	54.5 54.5	0.0	0.0%
74.1%	57.3	57.2	-0.1	-0.2%	74.1%	60.7	60.7	0.0	0.0%	74.1%	59.7	59.8	0.1	0.2%	74.1%	54.5 54.5	54.5	0.0	0.0%
75.3% 76.5%	57.2 57.2	57.2 57.2	0.0	0.0%	75.3% 76.5%	60.7 60.7	60.7 60.7	0.0	0.0%	75.3% 76.5%	59.7 59.7	59.7 59.7	0.0	0.0%	75.3% 76.5%	54.5 54.5	54.4 54.4	-0.1 -0.1	-0.2%
																			-0.2%
77.8%	57.1	57.2	0.1	0.2%	77.8%	60.7	60.6	-0.1	-0.2%	77.8%	59.7	59.7	0.0	0.0%	77.8%	54.4	54.4	0.0	0.0%
79.0%	57.1	57.1	0.0	0.0%	79.0%	60.6	60.6	0.0	0.0%	79.0%	59.7	59.7	0.0	0.0%	79.0%	54.4	54.4	0.0	0.0%
80.2%	57.1	57.1	0.0	0.0%	80.2%	60.6	60.6	0.0	0.0%	80.2%	59.6	59.7	0.1	0.2%	80.2%	54.4	54.4	0.0	0.0%
81.5%	57.1	57.1	0.0	0.0%	81.5%	60.6	60.6	0.0	0.0%	81.5%	59.6	59.7	0.1	0.2%	81.5%	54.4	54.4	0.0	0.0%
82.7%	57.1	57.1	0.0	0.0%	82.7%	60.6	60.6	0.0	0.0%	82.7%	59.6	59.7	0.1	0.2%	82.7%	54.3	54.4	0.1	0.2%
84.0%	57.1	57.1	0.0	0.0%	84.0%	60.6	60.6	0.0	0.0%	84.0%	59.6	59.7	0.1	0.2%	84.0%	54.3	54.3	0.0	0.0%
85.2%	57.1	57.0	-0.1	-0.2%	85.2%	60.6	60.6	0.0	0.0%	85.2%	59.6	59.7	0.1	0.2%	85.2%	54.2	54.3	0.1	0.2%
86.4%	57.0	57.0	0.0	0.0%	86.4%	60.6	60.6	0.0	0.0%	86.4%	59.6	59.7	0.1	0.2%	86.4%	54.2	54.3	0.1	0.2%
87.7%	57.0	57.0	0.0	0.0%	87.7%	60.6	60.6	0.0	0.0%	87.7%	59.6	59.7	0.1	0.2%	87.7%	54.2	54.2	0.0	0.0%
88.9%	56.9	56.9	0.0	0.0%	88.9%	60.6	60.6	0.0	0.0%	88.9%	59.5	59.6	0.1	0.2%	88.9%	54.2	54.2	0.0	0.0%
90.1%	56.9	56.8	-0.1	-0.2%	90.1%	60.5	60.5	0.0	0.0%	90.1%	59.5	59.6	0.1	0.2%	90.1%	54.2	54.2	0.0	0.0%
91.4%	56.9	56.8	-0.1	-0.2%	91.4%	60.5	60.5	0.0	0.0%	91.4%	59.5	59.5	0.0	0.0%	91.4%	54.2	54.2	0.0	0.0%
92.6%	56.7	56.7	0.0	0.0%	92.6%	60.5	60.5	0.0	0.0%	92.6%	59.5	59.5	0.0	0.0%	92.6%	54.2	54.1	-0.1	-0.2%
93.8%	56.7	56.6	-0.1	-0.2%	93.8%	60.5	60.5	0.0	0.0%	93.8%	59.5	59.5	0.0	0.0%	93.8%	54.1	54.1	0.0	0.0%
95.1%	56.5	56.5	0.0	0.0%	95.1%	60.5	60.5	0.0	0.0%	95.1%	59.5	59.5	0.0	0.0%	95.1%	54.1	54.1	0.0	0.0%
96.3%	56.3	56.3	0.0	0.0%	96.3%	60.5	60.5	0.0	0.0%	96.3%	59.5	59.4	-0.1	-0.2%	96.3%	54.1	54.1	0.0	0.0%
97.5%	56.3	56.3	0.0	0.0%	97.5%	60.5	60.5	0.0	0.0%	97.5%	59.5	59.4	-0.1	-0.2%	97.5%	54.1	54.0	-0.1	-0.2%
98.8%	56.1	56.1	0.0	0.0%	98.8%	60.4	60.3	-0.1	-0.2%	98.8%	59.5	59.3	-0.2	-0.3%	98.8%	53.9	53.9	0.0	0.0%
100.0%	56.1	56.1	0.0	0.0%	100.0%	60.4	60.3	-0.1	-0.2%	100.0%	59.5	59.3	-0.2	-0.3%	100.0%	53.9	53.9	0.0	0.0%
				*****	70		0.010										0.0.0		

Table SQ-16-7a Feather River below Thermalito Afterbay, Monthly Temperature Long-term Average and Average by Water Year Type

					Mont	thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	ig-term							
Full Simulation Period ¹												
No Action Alternative	58.8	53.0	47.1	46.5	49.7	53.0	56.5	62.2	67.0	68.7	68.7	62.8
Alternative C	58.8	53.0	47.0	46.5	49.6	52.9	56.5	62.0	67.1	68.7	68.7	62.7
Difference	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0	-0.1	0.1	0.0	0.0	-0.1
Percent Difference ³	0.0%	-0.1%	-0.3%	0.0%	-0.1%	-0.1%	-0.1%	-0.2%	0.1%	0.0%	0.0%	-0.19
				Water Y	ear Types ²							
Wet (32%)												
No Action Alternative	58.4	53.1	47.3	47.1	49.0	51.2	55.0	60.5	65.5	69.4	69.5	60.8
Alternative C	58.6	53.1	47.2	47.1	48.9	51.2	55.0	60.5	65.5	69.4	69.9	60.7
Difference	0.2	0.0	-0.2	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.4	-0.1
Percent Difference	0.3%	0.0%	-0.4%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.6%	-0.19
Above Normal (15%)												
No Action Alternative	58.4	51.9	46.7	46.6	49.4	52.6	57.1	62.7	67.3	67.6	67.3	61.3
Alternative C	58.5	51.9	46.5	46.5	49.3	52.4	57.1	62.7	67.4	67.6	67.6	61.2
Difference	0.1	0.0	-0.2	0.0	-0.1	-0.2	0.0	0.0	0.1	0.0	0.3	-0.1
Percent Difference	0.1%	0.0%	-0.4%	-0.1%	-0.1%	-0.4%	0.0%	0.0%	0.1%	0.0%	0.4%	-0.2%
Below Normal (17%)												
No Action Alternative	59.4	53.1	46.5	46.2	49.6	53.7	57.4	62.6	67.4	68.0	68.0	65.2
Alternative C	59.4	53.1	46.4	46.1	49.5	53.7	57.4	62.6	67.6	68.0	68.3	65.0
Difference	0.1	0.0	0.0	-0.1	0.0	0.0	0.0	-0.1	0.2	0.0	0.3	-0.2
Percent Difference	0.1%	0.0%	0.0%	-0.2%	-0.1%	0.0%	0.1%	-0.1%	0.3%	0.0%	0.5%	-0.3%
Dry (22%)												
No Action Alternative	59.1	53.2	47.5	45.7	50.1	54.5	57.3	62.9	68.1	67.9	67.5	63.8
Alternative C	59.0	53.2	47.3	45.7	50.1	54.3	57.4	62.6	68.2	68.0	67.4	63.8
Difference	-0.1	0.0	-0.2	0.0	0.0	-0.1	0.1	-0.3	0.1	0.0	-0.1	0.1
Percent Difference	-0.2%	0.1%	-0.4%	0.0%	0.0%	-0.2%	0.1%	-0.4%	0.2%	0.1%	-0.2%	0.1%
Critical (15%)		•		•	•	•	•	•				
No Action Alternative	59.2	53.8	47.4	46.2	50.8	53.9	57.0	63.3	67.7	70.2	70.6	64.1
Alternative C	58.8	53.5	47.4	46.3	50.7	53.9	56.6	62.8	67.8	70.1	69.6	63.9
Difference	-0.3	-0.3	0.0	0.1	0.0	0.0	-0.4	-0.5	0.2	-0.1	-1.1	-0.1
Percent Difference	-0.6%	-0.5%	-0.1%	0.1%	-0.1%	0.0%	-0.7%	-0.8%	0.3%	-0.1%	-1.5%	-0.29

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



Figure SQ-16-7b Feather River below Thermalito Afterbay, Monthly Temperature Probability of Exceedance

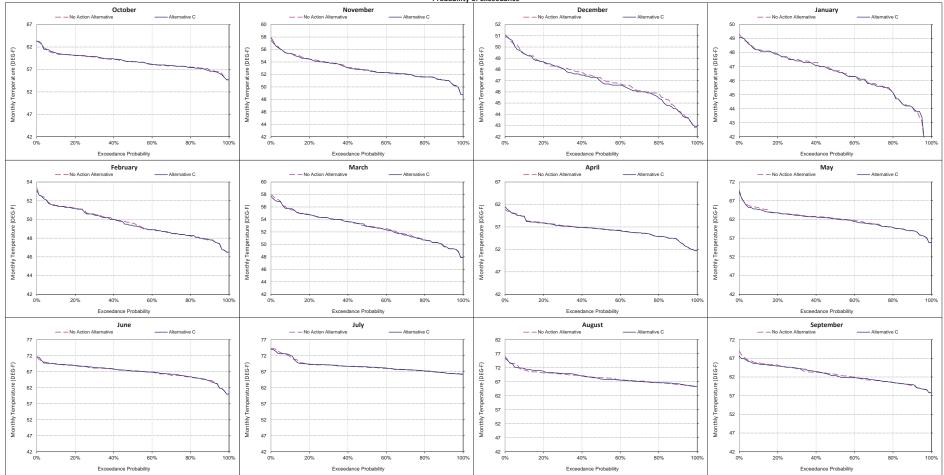


Table SQ-16-7b
Feather River below Thermalito Afterbay, Monthly Temperature
Probability of Exceedance

January

Novembe

Octobe

Percent Percent Percent Percent No Action Alternative Alternative C Absolute Relative Relative Relative Relative Exceedance Exceedance Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG-F) (DEG.E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% 0.0% 63.4 63.3 -0.1 -0.2% 0.0% 57.5 0.0% 51.1 50.9 -0.2 -0.4% 49.3 49.1 -0.2 -0.4% 1.2% 63.0 63.2 0.2 0.3% 1.2% 57.0 57.3 0.3 0.5% 1.2% 50.9 50.9 0.0 0.0% 1.2% 49.1 49.1 0.0 0.0% 2.5% 62.7 62.7 0.0% 2.5% 56.6 56.6 0.0% 2.5% 50.6 50.7 0.2% 2.5% 48.9 49.0 0.2% 3.7% 3.7% 61.8 61.5 -0.3 -0.5% 3.7% 56.5 56.3 -0.2 -0.4% 3.7% 50.4 50.6 0.2 0.4% 48.8 48.8 0.0 0.0% 4.9% 61.6 61.4 -0.2 -0.3% 4.9% 56.0 56.1 0.2% 4.9% 50.2 50.1 -0.1 -0.2% 4.9% 48.7 48.6 -0.1 -0.2% 6.2% 6.2% 6.2% 6.2% 61.0 61.4 0.4 0.7% 55.8 55.8 0.0 0.0% 50.2 49.8 -0.4 -0.8% 48.5 48.5 0.0 0.0% 7.4% 0.2 0.3% 7.4% 0.0% 7.4% 49.9 -0.2 0.1 -0.4% 7.4% 48.4 48.3 -0.1 0.0 -0.2% 8.6% 8.6% 8.6% 8.6 · . 9.9% 11.1% 12.3% 8.6% 60.7 60.9 0.3% 55.4 55.4 0.0 0.0% 49.5 49.6 0.2% 48.2 48.2 0.0% 0.2% 0.0% 0.0% 11.1% 12.3% 60.6 60.4 -0.2 -0.3% 11.1% 55.3 55.3 0.0 0.0% 11.1% 49.3 49.3 0.0 0.0% 48.2 48.1 -0.1 -0.2% 13.6% 13.6% 13.6% 0.0% 60.3 60.4 0.1 0.2% 55.1 549 -0 2 -0.4% 49.2 492 0.0 0.0% 48 1 48 1 0.0 54.8 16.0% 16.0% 16.0% 16.0% 60.3 60.3 0.0 0.0% 54.8 54.6 -0.2 -0.4% 48.9 48.8 -0.1 -0.2% 48.1 48.1 0.0 0.0% 18.5% 18.5% 54.5 -0.2% 18.5% 18.5% -0.1 -0.2% 60.2 60.2 0.0 0.0% 54.6 -0.1 48.7 48.7 0.0 0.0% 48.0 47.9 19.8% 21.0% 60.2 60.1 -0.1 0.0 -0.2% 54.5 54.4 19.8% 21.0% 0.0 0.0% 19.8% 21.0% 47.9 47.8 0.0 21.0% 47.8 60.1 0.0% 54.4 0.0 0.0% 48.5 48.6 0.0% 22.2% 23.5% 0.0% 22.2% 23.5% -0.4% 22.2% 23.5% 22.2% 23.5% 47.7 0.0 54.1 47.7 0.1 47.7 60.0 60.1 0.2% 54.3 -0.2 -0.4% 48.3 48.5 0.2 0.4% 0.0% 24.7% 25.9% 0.2% 24.7% 25.9% 24.7% 25.9% 0.2% 24.7% 25.9% 0.1 -0.1 54.2 54.1 54.1 48.3 48.4 47 E 47.7 0.1 -0.1 60.0 54.0 -0.1 -0.2% 48.3 0.0 47.6 47.5 -0.2% 59.9 48.3 27.2% 28.4% 0.0% 27.2% 28.4% 27.2% 28.4% 59.9 59 9 27.2% 54.0 -0.2% 48.2 48 3 0.2% 47.5 47.5 59.8 0.1 28.4% 54.0 53.9 -0.1 -0.2% 0.0 0.0% 47.5 47.5 0.0 0.0% 48.2 48.2 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 0.2% 53.9 53.8 0.0 0.0% 17.1 -0.1 -0.1 -0.2% -0.2% 59.7 53.8 0.0% 48.1 48.0 47.4 47.5 32.1% 59.6 0.1 0.2% 32.1% 53.8 53.8 0.0% 32.1% 48.1 47.8 -0.3 -0.6% 32.1% 47.4 47.4 0.0 0.0% 33.3% 0.1 0.2% 33.3% 53.8 0.2% 33.3% 48.0 -0.3 -0.6% 33.3% 47.3 -0.1 -0.2% 34.6% 59.4 0.1 0.2% 34.6% 53.7 53.7 0.0 0.0% 34.6% 48.0 47.7 -0.3 -0.6% 34.6% 47.4 47.3 -0.1 -0.2% 35.8% 0.0% 35.8% 35.8% -0.3 -0.6% 35.8% -0.1 59.4 53.6 0.0% 47.9 47.3 -0.2% 37.0% 59.3 59.4 0.1 0.2% 37.0% 53.6 53.4 -0.2-0.4% 37.0% 47.8 47.6 -0.2-0.4% 37.0% 47.3 47.3 0.0 0.0% 38.3% 59.3 0.2% 38.3% 53.3 38.3% 47.8 47.6 38.3% 47.3 47.2 -0.1 -0.2% -0.2 -0.4% -0.2% 39.5% 59.2 59.4 0.2 0.3% 39.5% 53.1 53.1 0.0 0.0% 39.5% 47.7 47.5 -0.2 -0.4% 39.5% 47.3 47.1 -0.2 -0.4% 40.7% 59.2 59.3 0.1 0.2% 40.7% 53.1 53.0 -0.2% 40.7% 47.7 47.5 -0.2 -0.4% 40.7% 47.3 47.1 -0.2 -0.4% 42.0% 59.2 59.3 0.1 0.2% 42.0% 53.1 52.9 -0.2-0.4% 42.0% 47.5 47.4 -0.1 -0.2%42.0% 47.0 47.0 0.0 0.0% 0.0% 43.2% 59.0 59.2 0.2 0.3% 43.2% 53.1 52.9 -0.2 -0.4% 43.2% 47.5 47.4 -0.1 -0.2% 43.2% 47.0 47.0 0.0 44.4% 0.1 0.2% 44.4% 52.9 52.8 -0.2% 44.4% 47.5 47.3 -0.2 -0.4% 44.4% 47.0 47.0 0.0 0.0% 45.7% 45.7% 45.7% 58.9 58.9 0.0 0.0% 52.9 52.8 -0.1 -0.2% 47.4 47.3 -0.1 -0.2% 45.7% 47.0 46.9 -0.1 -0.2% 46.9% 58.8 58.8 0.0% 46.9% 52.8 52.8 0.0% 46.9% 47.4 47.3 -0.1-0.2% 46.9% 46.9 46.8 -0.1-0.2% 48.1% 49.4% 58.8 58.8 0.0 0.0% 48.1% 52.8 52.7 -0.1 -0.2% 48.1% 47.3 47.2 -0.1 -0.2% 48.1% 46.8 46.8 0.0 0.0% -0.2% 49.4% 52.7 0.0% 49.4% 47.3 -0.3-0.6% 49.4% 46.7 46.7 0.0 0.0% 50.6% 50.6% 50.6% 50.6% 58.7 58.7 0.0 0.0% 52.7 52.7 0.0 0.0% 47.1 46.8 -0.3 -0.6% 46.7 46.7 0.0 0.0% 51.9% 0.0% 51.9% 52.5 -0.2 0.0 -0.4% 47.0 -0.3 -0.2 -0.6% 51.9% 53.1% 46.6 -0.1 -0.1 -0.2% 53.1% 53.1% 53.1% 58.6 52.5 58.6 0.0 52.5 0.0% 46.9 46.7 -0.4% 46.7 46.6 -0.2% 55.6% 56.8% 55.6% 55.6% 55.6% -0.1 -0.1 58.6 58.6 0.0 0.0% 52.4 52.3 -0.1 -0.2% 46.8 46.6 -0.2 -0.4% 46.5 46.4 -0.2% 58.0% 58.0% 0.0% 58.0% 58.2 58.3 0.1 0.2% 52.3 52.3 0.0 46.8 46.6 -0.2 -0.4% 58.0% 46.3 46.3 0.0 0.0% 60.5% 60.5% 60.5% 58.1 58.1 0.0 0.0% 52.3 52.3 0.0 0.0% 46.7 46.6 -0.1 -0.2% 60.5% 46.3 46.3 0.0 0.0% 0.2% 61.7% 63.0% 63.0% 63.0% 0.0 63.0% 0.1 58.0 58.0 0.0 0.0% 52.2 52.2 0.0% 46.6 46.4 -0.2 -0.4% 46.0 46.1 0.2% 64.2% 65.4% 57.9 57.9 58.0 58.0 0.1 64.2% 65.4% 52.2 52.1 64.2% 65.4% -0.3 -0.3 64.2% 65.4% 46.1 46.1 0.1 -0.2% 46.5 0.2% 0.2% 52.2 -0.1 46.2 -0.6% 46.0 66.7% 67.9% 57.9 57.8 0.2% 66.7% 67.9% 66.7% 67.9% 66.7% 67.9% 58.0 57.9 52.1 0.0% 46.3 46.1 -0.2 -0.1 -0.4% 45.9 45.8 -0.1 0.0 -0.2% 0.1 52.1 52.1 0.0 0.0% 46.2 46.1 -0.2% 45.8 45.8 0.0% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% -0.1 -0.1 52.1 -0.1 -0.1 45.8 45.7 57.8 57.9 0.1 0.2% -0.2% 52.1 52.0 -0.1 -0.2% 46.1 46.0 45.8 45.7 -0.2% 71.6% 57.8 57.7 57.8 0.0% 71.6% 52.0 0.0% 71.6% 46 N 46.0 0.0% 71.6% 45.7 45.6 -0.1 0.0 -0.2% 72.8% 57.7 0.0 72.8% 52.0 52.0 0.0 0.0% 72.8% 46.0 46.0 0.0 72.8% 45.6 45.6 0.0% 0.0% 74.1% 75.3% 0.0% 74.1% 75.3% 74.1% 0.0% 74.1% -0.1 -0.1 -0.2% -0.2% 45.6 45.6 0.0 57.7 75.3% 0.0% 75.3% 45.5 76.5% 57.7 0.0 0.0% 76.5% 51.7 0.0% 76.5% 45.9 45.8 -0.1 -0.2% 76.5% 45.5 45.5 0.0 0.0% 77.8% 0.0% 77.8% 77.8% -0.2 -0.4% 77.8% 0.1 0.2% -0.2% 45.9 45.5 79.0% 57.6 -0.2 -0.3% 79.0% 51.6 51.6 0.0 0.0% 79.0% 45.9 45.6 -0.3 -0.7% 79.0% 45.3 45.3 0.0 0.0% 80.2% 57.5 57.4 -0.2% 80.2% 51.6 80.2% 80.2% 0.0 0.0% 45.8 45.4 -0.4 -0.9% 45.1 0.0% 81.5% 57.5 57.4 -0.2% 81.5% 51.6 51.6 0.0% 81.5% 45.5 45.3 -0.2-0.4% 81.5% 44.8 44.7 -0.1-0.2%82.7% 82.7% 57.4 57.3 -0.2% 82.7% 51.6 0.0% 45.0 -0.5 -1.1% 82.7% 44.7 44.7 0.0 0.0% 84.0% 57.4 -0.1 -0.2% 84.0% 51.6 51.6 0.0 0.0% 84.0% 45.3 44.8 -0.5 -1.1% 84.0% 44.5 44.5 0.0 0.0% 85.2% 57.3 57.2 -0.1 -0.2% 85.2% 51.3 51.5 0.2 0.4% 85.2% 45.3 44.8 -0.5 -1.1% 85.2% 44.3 44.3 0.0 0.0% 86.4% 57.3 -0.2% 86.4% 51.2 -0.2% 86.4% 44.9 44.7 -0.2-0.4% 86.4% 44.3 44.2 -0.1 -0.2% 87.7% 57.2 57.0 -0.2 -0.3% 87.7% 51.2 512 0.0 0.0% 87.7% 44.8 44.5 -0.3 -0.7% 87.7% 44.2 44.2 0.0 0.0% 88.9% 57.2 56.8 -0.4 -0.7% 88.9% 51.2 51.1 -0.1 -0.2% 88.9% 44.6 44.5 -0.1 -0.2% 88.9% 44.2 44.2 0.0 0.0% 90.1% 56.8 56.6 -0.2 -0.4% 90.1% 51.1 51.1 0.0 0.0% 90.1% 44.3 44.3 0.0 0.0% 90.1% 44.1 44.1 0.0 0.0% 91.4% 56.6 56.5 -0.4% 91.4% 51.0 91.4% 44.1 91.4% 43.8 43.9 0.1 91.4% 92.6% 92.6% 56.6 -0.1 -0.2% 51.0 51.0 0.0 0.0% 44.0 43.8 -0.2 -0.5% 92.6% 43.8 43.8 0.0% 93.8% -0.2% 43.8 93.8% 0.4 56.5 56.4 93.8% 50.6 50.6 0.0 0.0% 93.8% 43.7 -0.1 -0.2%43.4 43.8 0.9% 95.1% 95.1% 95.1% 95.1% 56.5 56.1 -0.4 -0.7% 50.2 50.3 0.1 0.2% 43.6 43.7 0.1 0.2% 43.1 43.4 0.3 0.7% 96.3% 55.8 -0.3-0.5% 96.3% 50.1 50.2 0.2% 96.3% 97.5% 43.4 43.4 0.0% 96.3% 97.5% 41.6 0.1 0.2% 97.5% 97.5% 0.0% 0.0% 55.2 55.2 0.0 0.0% 49 9 499 0.0 43.1 431 0.0 0.0% 41 4 41 4 0.0% 0.0% 98.8% 0.0% 100.0% 100.0% 100.0% 100.0% 54.7 54.7 0.0 0.0% 48.8 48.8 0.0% 42.8 42.9 0.2% 41.2 41.2 0.0 0.0%

Table SQ-16-7b

Feather River below Thermalito Afterbay, Monthly Temperature Probability of Exceedance

		February			-		March					April					May		
Percent	No Action Alternative	Alternative C	Absolute		Percent	No Action Alternative	Alternative C	Absolute		Percent	No Action Alternative	Alternative C	Absolute		Percent	No Action Alternative	Alternative C	Absolute	
Exceedance			Difference	Relative	Exceedance			Difference	Relative	Exceedance			Difference	Relative	Exceedance			Difference	Relative
Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability		Monthly Temperature	(DEG-F)	Difference (%)
0.0%	(DEG-F) 53.4	(DEG-F) 53.1	-0.3	-0.6%	0.0%	(DEG-F) 58.0	(DEG-F) 57.7	-0.3	-0.5%	0.0%	(DEG-F) 60.9	(DEG-F) 61.5	0.6	1.0%	0.0%	(DEG-F) 69.9	(DEG-F) 69.4	-0.5	-0.7%
1.2%	52.6	52.6	0.0	0.0%	1.2%	57.7	57.3	-0.4	-0.7%	1.2%	60.5	60.9	0.4	0.7%	1.2%	67.7	67.7	0.0	0.0%
2.5%	52.5	52.5	0.0	0.0%	2.5%	57.3	57.0	-0.3	-0.5%	2.5%	60.5	60.5	0.0	0.0%	2.5%	66.7	66.7	0.0	0.0%
3.7%	52.4	52.2	-0.2	-0.4%	3.7%	57.2	56.9	-0.3	-0.5%	3.7%	60.3	60.0	-0.3	-0.5%	3.7%	66.0	65.7	-0.3	-0.5%
4.9%	52.1	52.1	0.0	0.0%	4.9%	56.9	56.9	0.0	0.0%	4.9%	60.0	60.0	0.0	0.0%	4.9%	65.8	65.2	-0.6	-0.9%
6.2%	51.8	51.7	-0.1	-0.2%	6.2%	56.2	56.2	0.0	0.0%	6.2%	59.9	59.6	-0.3	-0.5%	6.2%	65.4	65.2	-0.2	-0.3%
7.4%	51.7	51.6	-0.1	-0.2%	7.4%	56.1	55.8	-0.3	-0.5%	7.4%	59.7	59.6	-0.1	-0.2%	7.4%	65.4	64.8	-0.6	-0.9%
8.6%	51.6	51.5	-0.1	-0.2%	8.6%	55.7	55.8	0.1	0.2%	8.6%	59.4	59.4	0.0	0.0%	8.6%	65.3	64.8	-0.5	-0.8%
9.9%	51.5	51.5	0.0	0.0%	9.9%	55.6	55.7	0.1	0.2%	9.9%	59.4	59.4	0.0	0.0%	9.9%	65.2	64.7	-0.5	-0.8%
11.1%	51.5	51.4	-0.1	-0.2%	11.1%	55.5	55.7	0.2	0.4%	11.1%	58.4	58.2	-0.2	-0.3%	11.1%	64.8	64.6	-0.2	-0.3%
12.3%	51.4	51.4	0.0	0.0%	12.3%	55.5	55.4	-0.1	-0.2%	12.3%	58.3	58.2	-0.1	-0.2%	12.3%	64.8	64.4	-0.4	-0.6%
13.6%	51.4	51.4	0.0	0.0%	13.6%	55.2	55.1	-0.1	-0.2%	13.6%	58.2	58.1	-0.1	-0.2%	13.6%	64.7	64.1	-0.6	-0.9%
14.8%	51.4	51.3	-0.1	-0.2%	14.8%	55.0	55.0	0.0	0.0%	14.8%	58.2	58.1	-0.1	-0.2%	14.8%	64.6	64.0	-0.6	-0.9%
16.0%	51.4	51.3	-0.1	-0.2%	16.0%	54.9	55.0	0.1	0.2%	16.0%	58.1	58.1	0.0	0.0%	16.0%	64.0	63.9	-0.1	-0.2%
17.3%	51.3	51.3	0.0	0.0%	17.3%	54.9	54.9	0.0	0.0%	17.3%	58.1	57.9	-0.2	-0.3%	17.3%	63.9	63.8	-0.1	-0.2%
18.5% 19.8%	51.3 51.2	51.2 51.2	-0.1 0.0	-0.2% 0.0%	18.5% 19.8%	54.9 54.8	54.8 54.8	-0.1 0.0	-0.2% 0.0%	18.5% 19.8%	58.1 57.9	57.9 57.9	-0.2 0.0	-0.3% 0.0%	18.5% 19.8%	63.8 63.8	63.8 63.8	0.0	0.0%
21.0%	51.2	51.2	-0.1	-0.2%	21.0%	54.6	54.6	0.0	0.0%	21.0%	57.9	57.8	-0.1	-0.2%	21.0%	63.7	63.7	0.0	0.0%
22.2%	51.1	51.1	0.0	0.0%	22.2%	54.6	54.6	0.0	0.2%	22.2%	57.7	57.7	0.0	0.0%	22.2%	63.5	63.5	0.0	0.0%
23.5%	51.1	51.1	0.0	0.0%	23.5%	54.5	54.5	0.0	0.0%	23.5%	57.7	57.7	0.0	0.0%	23.5%	63.5	63.5	0.0	0.0%
24.7%	51.0	50.8	-0.2	-0.4%	24.7%	54.3	54.4	0.0	0.2%	24.7%	57.7	57.6	-0.1	-0.2%	24.7%	63.5	63.5	0.0	0.0%
25.9%	50.7	50.6	-0.1	-0.2%	25.9%	54.3	54.3	0.0	0.0%	25.9%	57.6	57.4	-0.2	-0.3%	25.9%	63.5	63.3	-0.2	-0.3%
27.2%	50.6	50.6	0.0	0.0%	27.2%	54.3	54.3	0.0	0.0%	27.2%	57.6	57.3	-0.3	-0.5%	27.2%	63.3	63.3	0.0	0.0%
28.4%	50.6	50.6	0.0	0.0%	28.4%	54.3	54.3	0.0	0.0%	28.4%	57.4	57.3	-0.1	-0.2%	28.4%	63.3	63.2	-0.1	-0.2%
29.6%	50.6	50.5	-0.1	-0.2%	29.6%	54.2	54.3	0.1	0.2%	29.6%	57.3	57.2	-0.1	-0.2%	29.6%	63.3	63.1	-0.1	-0.3%
30.9%	50.5	50.4	-0.1	-0.2%	30.9%	54.1	54.1	0.0	0.0%	30.9%	57.3	57.2	-0.1	-0.2%	30.9%	63.2	63.1	-0.1	-0.2%
32.1%	50.5	50.4	-0.1	-0.2%	32.1%	54.0	54.1	0.1	0.2%	32.1%	57.2	57.2	0.0	0.0%	32.1%	63.1	63.0	-0.1	-0.2%
33.3%	50.4	50.3	-0.1	-0.2%	33.3%	54.0	54.0	0.0	0.0%	33.3%	57.2	57.1	-0.1	-0.2%	33.3%	63.1	62.9	-0.2	-0.3%
34.6%	50.3	50.2	-0.1	-0.2%	34.6%	54.0	54.0	0.0	0.0%	34.6%	57.1	57.1	0.0	0.0%	34.6%	62.9	62.8	-0.1	-0.2%
35.8%	50.2	50.2	0.0	0.0%	35.8%	54.0	54.0	0.0	0.0%	35.8%	57.1	57.0	-0.1	-0.2%	35.8%	62.8	62.8	0.0	0.0%
37.0%	50.2	50.2	0.0	0.0%	37.0%	54.0	53.9	-0.1	-0.2%	37.0%	57.0	56.9	-0.1	-0.2%	37.0%	62.8	62.7	-0.1	-0.2%
38.3%	50.2	50.0	-0.2	-0.4%	38.3%	53.8	53.7	-0.1	-0.2%	38.3%	56.9	56.9	0.0	0.0%	38.3%	62.8	62.7	-0.1	-0.2%
39.5%	50.0	50.0	0.0	0.0%	39.5%	53.7	53.7	0.0	0.0%	39.5%	56.9	56.9	0.0	0.0%	39.5%	62.8	62.7	-0.1	-0.2%
40.7%	49.9	50.0	0.1	0.2%	40.7%	53.6	53.6	0.0	0.0%	40.7%	56.9	56.9	0.0	0.0%	40.7%	62.7	62.6	-0.1	-0.2%
42.0%	49.9	49.9	0.0	0.0%	42.0%	53.6	53.6	0.0	0.0%	42.0%	56.9	56.8	-0.1	-0.2%	42.0%	62.7	62.6	-0.1	-0.2%
43.2%	49.9	49.8	-0.1	-0.2%	43.2%	53.4	53.5	0.1	0.2%	43.2%	56.8	56.8	0.0	0.0%	43.2%	62.7	62.5	-0.2	-0.3%
44.4%	49.9	49.8	-0.1	-0.2%	44.4%	53.4	53.4	0.0	0.0%	44.4%	56.8	56.8	0.0	0.0%	44.4%	62.6	62.5	-0.1	-0.2%
45.7%	49.8	49.5	-0.3	-0.6%	45.7%	53.4	53.3	-0.1	-0.2%	45.7%	56.8	56.7	-0.1	-0.2%	45.7%	62.6	62.4	-0.2	-0.3%
46.9% 48.1%	49.7 49.7	49.5 49.4	-0.2 -0.3	-0.4% -0.6%	46.9% 48.1%	53.1 53.0	53.3 53.3	0.2	0.4%	46.9% 48.1%	56.7 56.6	56.7 56.6	0.0	0.0%	46.9% 48.1%	62.5 62.4	62.4 62.2	-0.1 -0.2	-0.2% -0.3%
46.1%	49.7	49.4	-0.3	-0.6%	49.1%	53.0	53.3	-0.3	-0.2%	49.1%	56.6	56.6	0.0	0.0%	49.1%	62.4	62.2	-0.2	-0.3%
50.6%	49.6	49.3	-0.2	-0.6%	50.6%	53.0	52.9	-0.1	-0.2%	50.6%	56.6	56.5	-0.1	-0.2%	50.6%	62.2	62.1	-0.1	-0.2%
51.9%	49.4	49.3	-0.1	-0.2%	51.9%	52.9	52.8	-0.1	-0.2%	51.9%	56.5	56.4	-0.1	-0.2%	51.9%	62.2	62.0	-0.1	-0.2%
53.1%	49.4	49.2	-0.2	-0.4%	53.1%	52.9	52.7	-0.2	-0.4%	53.1%	56.4	56.4	0.0	0.0%	53.1%	62.1	61.9	-0.2	-0.3%
54.3%	49.1	49.2	0.1	0.2%	54.3%	52.7	52.7	0.0	0.0%	54.3%	56.4	56.3	-0.1	-0.2%	54.3%	62.0	61.9	-0.1	-0.2%
55.6%	49.1	49.0	-0.1	-0.2%	55.6%	52.7	52.6	-0.1	-0.2%	55.6%	56.3	56.3	0.0	0.0%	55.6%	62.0	61.9	-0.1	-0.2%
56.8%	49.0	49.0	0.0	0.0%	56.8%	52.6	52.6	0.0	0.0%	56.8%	56.3	56.3	0.0	0.0%	56.8%	61.9	61.8	-0.1	-0.2%
58.0%	48.9	48.9	0.0	0.0%	58.0%	52.5	52.5	0.0	0.0%	58.0%	56.3	56.2	-0.1	-0.2%	58.0%	61.9	61.8	-0.1	-0.2%
59.3%	48.9	48.9	0.0	0.0%	59.3%	52.5	52.4	-0.1	-0.2%	59.3%	56.3	56.2	-0.1	-0.2%	59.3%	61.8	61.5	-0.3	-0.5%
60.5%	48.9	48.9	0.0	0.0%	60.5%	52.5	52.3	-0.2	-0.4%	60.5%	56.2	56.1	-0.1	-0.2%	60.5%	61.7	61.4	-0.3	-0.5%
61.7%	48.8	48.9	0.1	0.2%	61.7%	52.4	52.2	-0.2	-0.4%	61.7%	56.1	56.0	-0.1	-0.2%	61.7%	61.6	61.2	-0.4	-0.6%
63.0%	48.8	48.8	0.0	0.0%	63.0%	52.2	52.2	0.0	0.0%	63.0%	55.9	56.0	0.1	0.2%	63.0%	61.5	61.1	-0.4	-0.7%
64.2%	48.8	48.8	0.0	0.0%	64.2%	52.2	51.9	-0.3	-0.6%	64.2%	55.9	55.9	0.0	0.0%	64.2%	61.4	61.1	-0.3	-0.5%
65.4%	48.7	48.7	0.0	0.0%	65.4%	52.0	51.8	-0.2	-0.4%	65.4%	55.8	55.8	0.0	0.0%	65.4%	61.1	61.0	-0.1	-0.2%
66.7%	48.7	48.7	0.0	0.0%	66.7%	51.8	51.7	-0.1	-0.2%	66.7%	55.8	55.8	0.0	0.0%	66.7%	61.1	60.9	-0.2	-0.3%
67.9%	48.7	48.6	-0.1	-0.2%	67.9%	51.8	51.7	-0.1	-0.2%	67.9%	55.7	55.7	0.0	0.0%	67.9%	61.0	60.8	-0.2	-0.3%
69.1% 70.4%	48.6 48.5	48.6 48.5	0.0	0.0%	69.1% 70.4%	51.7 51.6	51.5 51.5	-0.2 -0.1	-0.4% -0.2%	69.1% 70.4%	55.7 55.6	55.7 55.7	0.0	0.0%	69.1% 70.4%	60.8 60.8	60.8 60.8	0.0	0.0%
70.4%	46.5 48.5	48.5	0.0	0.0%	70.4%	51.6	51.5	-0.1	-0.2%	70.4%	55.6	55.6	0.0	0.2%	70.4%	60.8	60.7	-0.1	-0.2%
72.8%	48.4	48.5	0.0	0.2%	72.8%	51.5	51.4	-0.1	-0.6%	72.8%	55.6	55.6	0.0	0.0%	72.8%	60.7	60.4	-0.1	-0.5%
74.1%	48.4	48.4	0.0	0.2%	74.1%	51.2	51.2	0.0	0.0%	74.1%	55.5	55.5	0.0	0.0%	74.1%	60.2	60.2	0.0	0.0%
75.3%	48.4	48.4	0.0	0.0%	75.3%	51.2	51.1	-0.1	-0.2%	75.3%	55.4	55.4	0.0	0.0%	75.3%	60.1	60.1	0.0	0.0%
76.5%	48.4	48.4	0.0	0.0%	76.5%	51.1	50.9	-0.2	-0.4%	76.5%	55.2	55.2	0.0	0.0%	76.5%	60.1	60.1	0.0	0.0%
77.8%	48.3	48.3	0.0	0.0%	77.8%	50.9	50.9	0.0	0.0%	77.8%	55.0	55.0	0.0	0.0%	77.8%	60.0	60.0	0.0	0.0%
79.0%	48.3	48.3	0.0	0.0%	79.0%	50.9	50.7	-0.2	-0.4%	79.0%	54.9	54.9	0.0	0.0%	79.0%	60.0	60.0	0.0	0.0%
80.2%	48.2	48.3	0.1	0.2%	80.2%	50.7	50.7	0.0	0.0%	80.2%	54.9	54.9	0.0	0.0%	80.2%	59.8	59.8	0.0	0.0%
81.5%	48.2	48.3	0.1	0.2%	81.5%	50.6	50.6	0.0	0.0%	81.5%	54.9	54.9	0.0	0.0%	81.5%	59.6	59.6	0.0	0.0%
82.7%	48.1	48.1	0.0	0.0%	82.7%	50.6	50.6	0.0	0.0%	82.7%	54.8	54.8	0.0	0.0%	82.7%	59.6	59.6	0.0	0.0%
84.0%	48.1	48.1	0.0	0.0%	84.0%	50.4	50.3	-0.1	-0.2%	84.0%	54.7	54.7	0.0	0.0%	84.0%	59.5	59.5	0.0	0.0%
85.2%	47.9	48.0	0.1	0.2%	85.2%	50.3	50.3	0.0	0.0%	85.2%	54.5	54.5	0.0	0.0%	85.2%	59.5	59.4	-0.1	-0.2%
86.4%	47.9	48.0	0.1	0.2%	86.4%	50.3	50.3	0.0	0.0%	86.4%	54.5	54.5	0.0	0.0%	86.4%	59.2	59.2	0.0	0.0%
87.7%	47.9	47.9	0.0	0.0%	87.7%	50.2	50.2	0.0	0.0%	87.7%	54.5	54.5	0.0	0.0%	87.7%	59.0	59.0	0.0	0.0%
88.9%	47.8	47.9	0.1	0.2%	88.9%	50.1	50.0	-0.1	-0.2%	88.9%	54.4	54.4	0.0	0.0%	88.9%	59.0	59.0	0.0	0.0%
90.1%	47.8	47.8	0.0	0.0%	90.1%	49.7	49.6	-0.1	-0.2%	90.1%	54.0	54.0	0.0	0.0%	90.1%	59.0	59.0	0.0	0.0%
91.4%	47.8	47.8	0.0	0.0%	91.4%	49.6	49.6	0.0	0.0%	91.4%	53.5	53.5	0.0	0.0%	91.4%	58.9	58.9	0.0	0.0%
92.6%	47.6 47.5	47.6	0.0	0.0%	92.6%	49.3	49.3	0.0	0.0%	92.6%	53.2	53.2	0.0	0.0%	92.6%	58.6 57.9	58.6 57.9	0.0	0.0%
93.8% 95.1%	47.5 47.4	47.5 47.4	0.0	0.0%	93.8% 95.1%	49.3 49.3	49.3 49.3	0.0	0.0%	93.8% 95.1%	52.7 52.5	52.7 52.5	0.0	0.0%	93.8% 95.1%	57.9 57.7	57.9 57.7	0.0	0.0%
95.1%	47.4	47.4	0.0	0.0%	95.1%	49.3 49.2	49.3	0.0	0.0%	95.1% 96.3%	52.5 52.1	52.5 52.1	0.0	0.0%	95.1% 96.3%	57.7 57.5	57.7	0.0	0.0%
97.5%	46.8 46.7	46.8 46.7	0.0	0.0%	97.5%	49.2 48.9	49.2 48.8	-0.1	-0.2%	97.5%	52.1 52.0	52.1 52.0	0.0	0.0%	96.3%	57.5 57.1	57.5 57.1	0.0	0.0%
98.8%	46.5	46.5	0.0	0.0%	98.8%	47.9	47.9	0.0	0.0%	98.8%	51.7	51.7	0.0	0.0%	98.8%	55.8	55.8	0.0	0.0%
100.0%	46.5	46.5	0.0	0.0%	100.0%	47.9	47.9	0.0	0.0%	100.0%	51.7	51.7	0.0	0.0%	100.0%	55.8	55.8	0.0	0.0%
.00.070	.0.0	. 3.0	5.0		100.070				0.070	100.070	J		2.0		.00.070	30.0	23.0	2.0	

Table SQ-16-7b
Feather River below Thermalito Afterbay, Monthly Temperature
Probability of Exceedance

September

Percent Percent Percent Percent No Action Alternative Alternative C Absolute Relative Relative Relative Relative Exceedance Exceedance Difference Difference Difference Difference Monthly Temperature Difference (%) Difference (%) Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG.E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% 0.0% 71.6 0.0% 0.0% 74.3 -0.3 -0.4% 0.0% 76.1 75.3 -0.8 -1.1% 69.0 67.6 -2.0% 1.2% 70.8 71.5 0.7 1.0% 1.2% 74.2 73.9 -0.3 -0.4% 1.2% 74.8 74.6 -0.2 -0.3% 1.2% 67.9 66.9 -1.0 -1.5% 2.5% 70.3 0.2 0.3% 2.5% 74.0 73.4 -0.8% 2.5% 73.6 73.7 0.1% 2.5% 67.3 66.9 -0.4-0.6% 3.7% 3.7% 70.0 69.7 -0.3 -0.4% 3.7% 73.3 72.7 -0.6 -0.8% 3.7% 73.4 73.5 0.1 0.1% 66.8 66.5 -0.3 -0.4% 4.9% 69.9 69.7 -0.2 -0.3% 4.9% 73.0 72.6 -0.4 -0.5% 4.9% 73.4 72.2 -1.6% 4.9% 66.4 66.1 -0.3 -0.5% 6.2% 6.2% 6.2% 6.2% 69.8 69.6 -0.2 -0.3% 72.6 72.6 0.0 0.0% 73.2 72.0 -1.2 -1.6% 66.4 66.0 -0.4 -0.6% 7.4% 69.5 0.0% 7.4% 72.6 72.5 0.4% 7.4% 71.9 0.0% 7.4% 66.0 65.6 -0.4-0.6% 8.6% 8.6% 8.6% 8.6% 69.5 69.5 0.0 0.0% 72.2 0.3 0.4% 71.2 71.9 0.7 1.0% 65.8 65.6 -0.2 -0.3% 9.9% 11.1% 12.3% 0.3% -0.5% 11.1% 12.3% 69.3 69.3 0.0 0.0% 11.1% 71.0 71.8 0.8 1.1% 11.1% 71.0 71.4 0.4 0.6% 65.7 65.4 -0.3 -0.5% 13.6% 13.6% 13.6% -1 1% 13.6% 69 1 693 0.2 0.3% 70.7 69.9 -0 R 70.5 71 2 0.7 1.0% 65.5 65.3 -0.2 -0.3% 16.0% 16.0% 16.0% 16.0% 69.0 69.1 0.1 0.1% 69.8 69.5 -0.3 -0.4% 70.5 71.0 0.5 0.7% 65.4 65.1 -0.3 -0.5% 18.5% 0.1% 18.5% -0.3% 18.5% 18.5% -0.5% 69.0 69.1 0.1 69.6 69.4 -0.2 70.3 70.9 0.6 0.9% 65.3 65.0 -0.3 19.8% 21.0% 69.0 68.9 -0.1 -0.1 -0.1% -0.1% 0.2 0.3% 19.8% 21.0% 1.0% 19.8% 21.0% 65.2 65.0 -0.3 -0.1 21.0% 0.3 68.8 69.2 69.3 70.1 70.4 64.9 -0.2% 22.2% 23.5% -0.1% 0.0% 22.2% 23.5% 22.2% 23.5% 22.2% 23.5% 64 9 -0.1 -0.1 0.0 0.2 68.7 68.7 69.3 0.3% 70.1 70.2 0.1 0.1% 64.8 64.7 -0.2% 69.1 24.7% 25.9% 0.0% 24.7% 25.9% 24.7% 25.9% 24.7% 25.9% 68.7 0.0 69.2 0.1% 0.0 68.5 68.7 69.1 0.1 0.1% 69.9 0.2 0.3% 64.6 64.6 69.2 70.1 0.0% 27.2% 28.4% 0.3% 27.2% 28.4% 27.2% 28.4% 68.3 27.2% 69.2 69.8 0.4% 64.5 0.1 68.2 0.3 28.4% 69.1 0.1 0.1% 0.2 0.3% 64.4 0.2% 69.2 69.8 70.0 64.5 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 0.4% 29.6% 30.9% 0.3% 0.0 0.1 0.2% 0.0% 69.6 64.3 32.1% 68.1 68.2 0.1 0.1% 32.1% 69.0 -0.1% 32.1% 69.6 69.9 0.3 0.4% 32.1% 64.0 64.2 0.2 0.3% 33.3% 0.1 0.1% 33.3% 69.0 0.0 0.0% 33.3% 69.4 0.5 0.7% 33.3% 0.5 0.8% 34.6% 68.0 0.2 0.3% 34.6% 69.0 68.8 -0.2 -0.3% 34.6% 69.4 69.8 0.4 0.6% 34.6% 63.6 64.1 0.5 0.8% 35.8% 0.1% 35.8% -0.1% 35.8% 0.4 0.6% 35.8% 0.3 0.5% 37.0% 68.0 0.0 0.0% 37.0% 68.8 68.8 0.0% 37.0% 69.3 69.5 0.2 0.3% 37.0% 63.3 63.7 0.4 0.6% 38.3% 67.9 0.1% 38.3% 68.7 38.3% 38.3% 0.1% 39.5% 67.8 0.1 0.1% 39.5% 68.7 68.7 0.0 0.0% 39.5% 69.0 69.1 0.1% 39.5% 63.2 63.5 0.3 0.5% 40.7% 67.7 67.8 0.1 0.1% 40.7% 68.7 68.7 0.0 0.0% 40.7% 68.9 69.1 0.2 0.3% 40.7% 63.2 63.4 0.2 0.3% 0.1 42.0% 67.6 67.6 0.0 0.0% 42.0% 68.6 68.7 0.1% 42.0% 68.7 68.9 0.2 0.3% 42.0% 63.2 63.3 0.2% 43.2% 67.6 67.5 -0.1 -0.1% 43.2% 68.6 68.7 0.1 0.1% 43.2% 68.7 68.7 0.0 0.0% 43.2% 63.2 63.1 -0.1 -0.2% 44.4% 67.5 0.0% 44.4% 68.5 68.6 0.1% 44.4% 68.7 68.6 -0.1 -0.1% 44.4% 63.2 63.0 -0.2 -0.3% 45.7% 45.7% 45.7% 67.5 67.5 0.0 0.0% 68.5 68.6 0.1 0.1% 68.6 68.4 -0.2 -0.3% 45.7% 62.9 62.8 -0.1 -0.2% 46.9% 67.4 67.4 0.0% 46.9% 68.5 68.6 0.1% 46.9% 68.5 68.4 -0.1 -0.1% 46.9% 62.9 62.6 -0.3-0.5% 48.1% 49.4% 67.3 67.4 0.1 0.1% 48.1% 68.4 68.6 0.2 0.3% 48.1% 68.5 68.3 -0.2 -0.3% 48.1% 62.8 62.4 -0.4 -0.6% 67.3 67.2 -0.1% 49.4% 68.4 68.5 0.1% 49.4% 68.4 -0.4-0.6% 49.4% 62.8 62.4 -0.4-0.6% 50.6% 50.6% 50.6% 50.6% 67.2 67.2 0.0 0.0% 68.3 68.5 0.2 0.3% 68.4 67.9 -0.5 -0.7% 62.7 62.3 -0.4 -0.6% 51.9% 67.1 67.1 0.1% 51.9% 68.4 68.4 -0.6 -0.5 -0.9% 51.9% 53.1% 62.4 -0.3 -0.5 -0.5% 0.1 53.1% 53.1% 53.1% 0.1 0.1% -0.7% 67.2 68.3 68.4 68.3 67.8 62.4 61.9 -0.8% 55.6% 56.8% 55.6% 55.6% 55.6% -0.4 -0.4 67.0 67.0 0.0 0.0% 68.2 68.3 0.1 0.1% 68.2 67.7 -0.5 -0.7% 62.3 61.9 -0.6% 58.0% 58.0% 58.0% 66.8 66.9 0.1 0.1% 68.0 68.2 0.2 0.3% 67.7 67.7 0.0 0.0% 58.0% 62.1 61.8 -0.3 -0.5% 60.5% 60.5% 60.5% 66.8 66.9 0.1 0.1% 68.0 68.1 0.1 0.1% 67.7 67.5 -0.2 -0.3% 60.5% 62.0 61.8 -0.2 -0.3% 0.3% 61.7% 63.0% 63.0% 63.0% 0.1% -0.1 63.0% 0.1 66.4 66.7 0.3 0.5% 67.9 68.0 0.1 67.5 67.4 -0.1% 61.6 61.7 0.2% 64.2% 65.4% 66.5 66.4 0.2 64.2% 65.4% 64.2% 65.4% 64.2% 65.4% 61.6 61.6 0.2 -0.2 -0.1 66.3 67.7 -0.1 -0.1% 67.4 67.3 61.3 0.5% 0.2% 67.8 -0.1% 66.7% 67.9% 0.2% 66.7% 67.9% 66.7% 67.9% 67.2 67.2 66.7% 67.9% 66.3 0.1 67.7 -0.1% -0.1 -0.1 -0.1% 61.6 0.4 66.2 67.7 67.6 -0.1 66.3 -0.1% 67.3 -0.1% 61.2 61.3 0.2% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 0.5% 67.6 -0.1 -0.2 0.1 66.2 0.4 67.6 65.8 0.6% 67.6 0.0 0.0% 67.2 67.0 -0.3% 61.2 61.2 0.0% 71.6% 65.8 0.4 0.6% 71.6% 67.6 0.0% 71.6% 67.2 67.0 -0.2 -0.3 -0.3% 71.6% 61.1 0.1 72.8% 65.8 66.2 72.8% 67.6 67.5 -0.1 -0.1% 72.8% 67.2 66.9 -0.4% 72.8% 61.0 61.1 0.1 0.2% 0.2% 74.1% 75.3% 74.1% 75.3% 74.1% 0.0% 74.1% -0.1 -0.1 -0.1% -0.1% 0.0 0.0% 75.3% 75.3% 66.9 76.5% 65.5 0.2 0.3% 76.5% 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66.3 0.3 0.5% 90.1% 59.7 60.0 0.3 0.5% 91.4% 0.5 0.8% 91.4% 66.5 91.4% 65.9 91.4% 59.5 59.8 0.3 91.4% 92.6% 92.6% 63.4 63.4 0.0% 66.4 66.4 0.0 0.0% 65.9 65.9 0.0 0.0% 92.6% 59 1 59.1 0.0% 93.8% 0.1 0.2% 93.8% 0.0 63.2 63.3 0.2% 93.8% 66.4 66.4 0.0 0.0% 93.8% 65.7 65.8 0.1 59.0 59.0 0.0% 95.1% 95.1% 95.1% 95.1% 61.9 61.9 0.0 0.0% 66.4 66.4 0.0 0.0% 65.7 65.7 0.0 0.0% 58.8 58.8 0.0 0.0% 96.3% 0.0% 96.3% 97.5% 66.3 -0.2% 96.3% 97.5% 65.6 -0.1 -0.1 -0.2% 96.3% 97.5% 58.7 0.0 0.0% 97.5% -0.2% -0.3% 0.0 0.0% 61.0 61.0 0.0 0.0% 66.4 66.3 -0.1 -0.2% 65.5 65.4 58.6 58.6 0.0% -0.2% 98.8% 0.0% 100.0% 100.0% 100.0% 100.0% 60.0 60.0 0.0 0.0% 66.3 66.2 -0.2% 65.4 65.2 -0.2 -0.3% 57.8 57.8 0.0 0.0%

Table SQ-17-7a Feather River at the Mouth, Monthly Temperature Long-term Average and Average by Water Year Type

					Mon	thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	g-term							
Full Simulation Period ¹												
No Action Alternative	61.3	52.5	46.2	45.8	50.2	54.6	60.7	66.4	71.4	73.2	72.6	68.6
Alternative C	61.3	52.5	46.1	45.8	50.2	54.6	60.7	66.5	71.4	73.2	72.6	68.4
Difference	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2
Percent Difference ³	0.1%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.39
				Water Y	ear Types							
Wet (32%)												
No Action Alternative	60.7	52.8	46.6	46.6	50.0	53.4	58.6	64.5	69.7	73.4	72.9	66.7
Alternative C	60.8	52.8	46.5	46.6	50.0	53.3	58.6	64.5	69.6	73.5	73.1	66.6
Difference	0.2	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.2	-0.1
Percent Difference	0.3%	0.1%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.2%	-0.19
Above Normal (15%)												
No Action Alternative	60.5	51.4	46.0	46.0	50.2	54.4	60.5	66.4	71.4	72.1	71.0	66.8
Alternative C	60.6	51.5	45.9	46.0	50.1	54.4	60.5	66.4	71.3	72.1	71.2	66.7
Difference	0.1	0.0	-0.2	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0	0.1	-0.1
Percent Difference	0.1%	0.0%	-0.4%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.2%	0.0%	0.2%	-0.29
Below Normal (17%)												
No Action Alternative	61.3	52.5	45.8	45.4	49.7	55.0	60.8	66.6	71.7	72.7	71.9	70.0
Alternative C	61.4	52.5	45.8	45.4	49.7	55.0	60.8	66.6	71.6	72.7	72.1	69.9
Difference	0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.2	-0.1
Percent Difference	0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.2%	-0.29
Dry (22%)												
No Action Alternative	61.6	52.7	46.3	44.8	50.2	55.4	62.0	67.7	72.9	72.8	72.1	70.2
Alternative C	61.8	52.7	46.2	44.8	50.2	55.4	62.0	67.9	73.0	72.8	71.7	69.8
Difference	0.2	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	-0.3	-0.4
Percent Difference	0.3%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	-0.5%	-0.69
Critical (15%)												
No Action Alternative	62.6	52.6	45.7	45.3	51.1	55.8	63.1	68.1	72.3	74.9	74.7	70.3
Alternative C	62.4	52.6	45.7	45.4	51.0	55.7	63.2	68.1	72.4	74.8	74.5	70.1
Difference	-0.2	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	-0.1	-0.3	-0.3
Percent Difference	-0.3%	-0.1%	0.0%	0.1%	-0.1%	0.0%	0.1%	0.0%	0.0%	-0.2%	-0.3%	-0.49

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



Figure SQ-17-7b
Feather River at the Mouth, Monthly Temperature
Probability of Exceedance

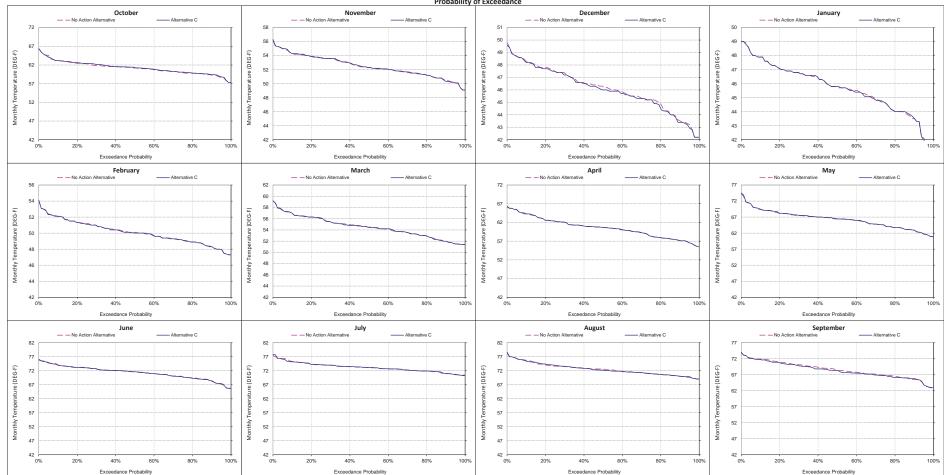


Table SQ-17-7b
Feather River at the Mouth, Monthly Temperature
Probability of Exceedance

		October					November					December					January		
Percent	No Action Alternative	Alternative C	Absolute	Relative	Percent	No Action Alternative	Alternative C	Absolute	Relative	Percent	No Action Alternative	Alternative C	Absolute	Relative	Percent	No Action Alternative	Alternative C	Absolute	Relative
Exceedance			Difference		Exceedance			Difference		Exceedance			 Difference 		Exceedance			Difference	
Probability	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DFG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DFG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)
0.0%	(DEG-F) 66.4	(DEG-F) 66.4	0.0	0.0%	0.0%	56.1	56.3	0.2	0.4%	0.0%	(DEG-F) 49.8	(DEG-F) 49.6	-0.2	-0.4%	0.0%	49.0	49.0	0.0	0.0%
1.2%	65.5	65.5	0.0	0.0%	1.2%	55.5	55.4	-0.1	-0.2%	1.2%	49.4	49.4	0.0	0.0%	1.2%	49.0	49.0	0.0	0.0%
2.5%	64.8	64.9	0.0	0.2%	2.5%	55.3	55.3	0.0	0.0%	2.5%	48.9	48.9	0.0	0.0%	2.5%	48.9	48.8	-0.1	-0.2%
3.7%	64.6	64.6	0.0	0.0%	3.7%	55.2	55.2	0.0	0.0%	3.7%	48.9	48.8	-0.1	-0.2%	3.7%	48.6	48.6	0.0	0.0%
4.9%	64.6	64.1	-0.5	-0.8%	4.9%	55.0	55.0	0.0	0.0%	4.9%	48.7	48.7	0.0	0.0%	4.9%	48.2	48.2	0.0	0.0%
6.2%	63.6	63.9	0.3	0.5%	6.2%	54.8	55.0	0.2	0.4%	6.2%	48.6	48.6	0.0	0.0%	6.2%	48.0	48.0	0.0	0.0%
7.4%	63.5	63.5	0.0	0.0%	7.4%	54.8	54.9	0.1	0.2%	7.4%	48.5	48.6	0.1	0.2%	7.4%	48.0	48.0	0.0	0.0%
8.6%	63.2	63.2	0.0	0.0%	8.6%	54.5	54.5	0.0	0.0%	8.6%	48.5	48.4	-0.1	-0.2%	8.6%	47.9	47.9	0.0	0.0%
9.9%	63.2	63.2	0.0	0.0%	9.9%	54.3	54.3	0.0	0.0%	9.9%	48.3	48.2	-0.1	-0.2%	9.9%	47.9	47.9	0.0	0.0%
11.1%	63.1	63.1	0.0	0.0%	11.1%	54.2	54.3	0.1	0.2%	11.1%	48.2	48.2	0.0	0.0%	11.1%	47.9	47.9	0.0	0.0%
12.3%	63.1	63.1	0.0	0.0%	12.3%	54.2	54.3	0.1	0.2%	12.3%	48.1	48.2	0.1	0.2%	12.3%	47.6	47.6	0.0	0.0%
13.6%	63.0	62.9	-0.1	-0.2%	13.6%	54.2	54.2	0.0	0.0%	13.6%	48.1	48.1	0.0	0.0%	13.6%	47.6	47.6	0.0	0.0%
14.8%	62.9	62.9	0.0	0.0%	14.8%	54.1	54.2	0.1	0.2%	14.8%	48.0	47.8	-0.2	-0.4%	14.8%	47.4	47.4	0.0	0.0%
16.0%	62.7	62.9	0.2	0.3%	16.0%	54.1	54.2	0.1	0.2%	16.0%	47.9	47.8	-0.1	-0.2%	16.0%	47.3	47.3	0.0	0.0%
17.3%	62.7	62.7	0.0	0.0%	17.3%	54.0	54.0	0.0	0.0%	17.3%	47.8	47.8	0.0	0.0%	17.3%	47.3	47.3	0.0	0.0%
18.5%	62.7	62.6	-0.1	-0.2%	18.5%	53.9	54.0	0.1	0.2%	18.5%	47.8	47.7	-0.1	-0.2%	18.5%	47.2	47.2	0.0	0.0%
19.8%	62.7	62.5	-0.2	-0.3%	19.8%	53.9	53.9	0.0	0.0%	19.8%	47.8	47.7	-0.1	-0.2%	19.8%	47.1	47.1	0.0	0.0%
21.0%	62.6	62.5	-0.1	-0.2%	21.0%	53.9	53.8	-0.1	-0.2%	21.0%	47.8	47.7	-0.1	-0.2%	21.0%	47.0	47.0	0.0	0.0%
22.2%	62.5	62.5	0.0	0.0%	22.2%	53.8	53.8	0.0	0.0%	22.2%	47.7	47.6	-0.1	-0.2%	22.2%	47.0	47.0	0.0	0.0%
23.5%	62.4	62.4	0.0	0.0%	23.5%	53.7	53.8	0.1	0.2%	23.5%	47.6	47.5	-0.1	-0.2%	23.5%	46.9	46.9	0.0	0.0%
24.7%	62.3	62.4	0.1	0.2%	24.7%	53.7	53.7	0.0	0.0%	24.7%	47.5	47.5	0.0	0.0%	24.7%	46.9	46.9	0.0	0.0%
25.9%	62.3	62.4	0.1	0.2%	25.9%	53.7	53.6	-0.1	-0.2%	25.9%	47.4	47.4	0.0	0.0%	25.9%	46.9	46.9	0.0	0.0%
27.2%	62.1	62.3	0.2	0.3%	27.2%	53.6	53.6	0.0	0.0%	27.2%	47.4	47.4	0.0	0.0%	27.2%	46.8	46.8	0.0	0.0%
28.4%	61.9	62.3	0.4	0.6%	28.4%	53.6	53.6	0.0	0.0%	28.4%	47.4	47.4	0.0	0.0%	28.4%	46.8	46.8	0.0	0.0%
29.6%	61.8	62.2	0.4	0.6%	29.6%	53.6	53.6	0.0	0.0%	29.6%	47.4	47.2	-0.2	-0.4%	29.6%	46.8	46.8	0.0	0.0%
30.9%	61.8	62.1	0.3	0.5%	30.9%	53.5	53.6	0.1	0.2%	30.9%	47.2	47.2	0.0	0.0%	30.9%	46.8	46.7	-0.1	-0.2%
32.1%	61.8	62.1	0.3	0.5%	32.1%	53.5	53.6	0.1	0.2%	32.1%	47.1	47.1	0.0	0.0%	32.1%	46.7	46.7	0.0	0.0%
33.3%	61.7	62.0	0.3	0.5%	33.3%	53.3	53.4	0.1	0.2%	33.3%	47.0	47.0	0.0	0.0%	33.3%	46.6	46.6	0.0	0.0%
34.6%	61.7	61.9	0.2	0.3%	34.6%	53.2	53.3	0.1	0.2%	34.6%	47.0	46.9	-0.1	-0.2%	34.6%	46.6	46.6	0.0	0.0%
35.8% 37.0%	61.6 61.6	61.8 61.7	0.2	0.3%	35.8% 37.0%	53.1	53.1 53.1	0.0	0.0%	35.8%	46.8 46.6	46.6 46.6	-0.2 0.0	-0.4%	35.8% 37.0%	46.6 46.5	46.6 46.6	0.0	0.0%
				0.2%		53.1				37.0%				0.0%				0.1	0.2%
38.3%	61.6	61.6	0.0	0.0%	38.3%	53.0	53.1	0.1	0.2%	38.3%	46.6	46.6	0.0	0.0%	38.3%	46.5	46.6	0.1	0.2%
39.5%	61.5	61.6	0.1	0.2%	39.5%	53.0	53.0	0.0	0.0%	39.5%	46.5	46.6	0.1	0.2%	39.5%	46.5	46.5	0.0	0.0%
40.7% 42.0%	61.5 61.5	61.6 61.5	0.1	0.2%	40.7% 42.0%	52.8 52.7	52.9 52.7	0.1	0.2%	40.7% 42.0%	46.5 46.5	46.5 46.4	0.0 -0.1	0.0% -0.2%	40.7% 42.0%	46.3 46.3	46.3 46.3	0.0	0.0%
43.2%						52.7 52.6	52.7	0.0		43.2%		46.3	-0.1	-0.2%	43.2%	46.3 46.2	46.2	0.0	
44.4%	61.4 61.4	61.5 61.5	0.1	0.2%	43.2% 44.4%	52.5	52.6	0.1	0.2%	44.4%	46.5 46.4	46.3	-0.2	-0.4%	44.4%	46.0	46.0	0.0	0.0%
45.7%	61.4	61.5	0.1	0.2%	45.7%	52.5 52.4	52.5	0.1	0.2%	45.7%	46.4	46.3	-0.1	-0.2%	45.7%	45.9	45.9	0.0	0.0%
46.9%	61.4	61.4	0.0	0.2%	46.9%	52.4	52.4	0.0	0.0%	46.9%	46.4	46.2	-0.1	-0.4%	46.9%	45.8	45.8	0.0	0.0%
48.1%	61.3	61.4	0.0	0.0%	48.1%	52.4	52.4	0.0	0.0%	48.1%	46.3	46.1	-0.2	-0.4%	48.1%	45.8	45.8	0.0	0.0%
49.4%	61.2	61.4	0.2	0.3%	49.4%	52.3	52.3	0.0	0.0%	49.4%	46.3	46.0	-0.2	-0.6%	49.4%	45.8	45.8	0.0	0.0%
50.6%	61.2	61.2	0.0	0.0%	50.6%	52.3	52.3	0.0	0.0%	50.6%	46.2	46.0	-0.2	-0.4%	50.6%	45.7	45.8	0.1	0.2%
51.9%	61.1	61.2	0.1	0.2%	51.9%	52.2	52.2	0.0	0.0%	51.9%	46.2	46.0	-0.2	-0.4%	51.9%	45.7	45.7	0.0	0.0%
53.1%	61.0	61.2	0.2	0.3%	53.1%	52.2	52.2	0.0	0.0%	53.1%	46.1	45.9	-0.2	-0.4%	53.1%	45.7	45.7	0.0	0.0%
54.3%	61.0	61.1	0.1	0.2%	54.3%	52.1	52.2	0.1	0.2%	54.3%	46.0	45.9	-0.1	-0.2%	54.3%	45.7	45.7	0.0	0.0%
55.6%	61.0	61.1	0.1	0.2%	55.6%	52.1	52.2	0.1	0.2%	55.6%	46.0	45.9	-0.1	-0.2%	55.6%	45.6	45.6	0.0	0.0%
56.8%	60.9	61.0	0.1	0.2%	56.8%	52.1	52.1	0.0	0.0%	56.8%	46.0	45.9	-0.1	-0.2%	56.8%	45.6	45.5	-0.1	-0.2%
58.0%	60.9	61.0	0.1	0.2%	58.0%	52.1	52.1	0.0	0.0%	58.0%	45.9	45.9	0.0	0.0%	58.0%	45.5	45.5	0.0	0.0%
59.3%	60.8	60.9	0.1	0.2%	59.3%	52.1	52.1	0.0	0.0%	59.3%	45.9	45.7	-0.2	-0.4%	59.3%	45.5	45.4	-0.1	-0.2%
60.5%	60.7	60.8	0.1	0.2%	60.5%	52.0	52.0	0.0	0.0%	60.5%	45.8	45.7	-0.1	-0.2%	60.5%	45.5	45.4	-0.1	-0.2%
61.7%	60.5	60.7	0.2	0.3%	61.7%	52.0	52.0	0.0	0.0%	61.7%	45.7	45.6	-0.1	-0.2%	61.7%	45.4	45.4	0.0	0.0%
63.0%	60.5	60.6	0.1	0.2%	63.0%	51.9	51.9	0.0	0.0%	63.0%	45.6	45.6	0.0	0.0%	63.0%	45.3	45.3	0.0	0.0%
64.2%	60.4	60.5	0.1	0.2%	64.2%	51.8	51.8	0.0	0.0%	64.2%	45.5	45.5	0.0	0.0%	64.2%	45.3	45.1	-0.2	-0.4%
65.4%	60.4	60.5	0.1	0.2%	65.4%	51.8	51.8	0.0	0.0%	65.4%	45.5	45.5	0.0	0.0%	65.4%	45.2	45.1	-0.1	-0.2%
66.7%	60.4	60.5	0.1	0.2%	66.7%	51.7	51.8	0.1	0.2%	66.7%	45.5	45.4	-0.1	-0.2%	66.7%	45.1	45.1	0.0	0.0%
67.9%	60.3	60.4	0.1	0.2%	67.9%	51.7	51.7	0.0	0.0%	67.9%	45.5	45.3	-0.2	-0.4%	67.9%	45.1	45.0	-0.1	-0.2%
69.1%	60.2	60.3	0.1	0.2%	69.1%	51.7	51.7	0.0	0.0%	69.1%	45.4	45.3	-0.1	-0.2%	69.1%	45.0	44.9	-0.1	-0.2%
70.4%	60.2	60.2	0.0	0.0%	70.4%	51.7	51.6	-0.1	-0.2%	70.4%	45.3	45.3	0.0	0.0%	70.4%	44.9	44.8	-0.1	-0.2%
71.6%	60.2	60.2	0.0	0.0%	71.6%	51.6	51.5	-0.1	-0.2%	71.6%	45.2	45.3	0.1	0.2%	71.6%	44.8	44.8	0.0	0.0%
72.8%	60.1	60.1	0.0	0.0%	72.8%	51.5	51.5	0.0	0.0%	72.8%	45.2	45.2	0.0	0.0%	72.8%	44.8	44.7	-0.1	-0.2%
74.1%	59.9	60.1	0.2	0.3%	74.1%	51.5	51.5	0.0	0.0%	74.1%	45.2	45.2	0.0	0.0%	74.1%	44.7	44.7	0.0	0.0%
75.3%	59.9	60.1	0.2	0.3%	75.3%	51.5	51.4	-0.1	-0.2%	75.3%	45.2	45.2	0.0	0.0%	75.3%	44.6	44.6	0.0	0.0%
76.5%	59.8	60.0	0.2	0.3%	76.5%	51.4	51.4	0.0	0.0%	76.5%	45.2	44.9	-0.3	-0.7%	76.5%	44.4	44.4	0.0	0.0%
77.8%	59.8	60.0	0.2	0.3%	77.8%	51.4	51.3	-0.1	-0.2%	77.8%	45.1	44.9	-0.2	-0.4%	77.8%	44.2	44.2	0.0	0.0%
79.0%	59.8	59.9	0.1	0.2%	79.0%	51.3	51.3	0.0	0.0%	79.0%	45.0	44.8	-0.2	-0.4%	79.0%	44.1	44.1	0.0	0.0%
80.2%	59.8	59.8	0.0	0.0%	80.2%	51.2	51.2	0.0	0.0%	80.2%	44.8	44.4	-0.4	-0.9%	80.2%	44.0	44.0	0.0	0.0%
81.5%	59.8	59.8	0.0	0.0%	81.5%	51.2	51.2	0.0	0.0%	81.5%	44.4	44.3	-0.1	-0.2%	81.5%	44.0	44.0	0.0	0.0%
82.7% 84.0%	59.8 59.7	59.7 59.7	-0.1 0.0	-0.2% 0.0%	82.7% 84.0%	51.0 50.9	51.0 50.9	0.0	0.0%	82.7% 84.0%	44.3 44.3	44.3 44.2	0.0 -0.1	0.0%	82.7% 84.0%	44.0 44.0	44.0 44.0	0.0	0.0%
84.0% 85.2%		59.7 59.6			84.0% 85.2%				0.0%	84.0% 85.2%	44.3 44.0	44.2 44.0	-0.1	-0.2% 0.0%	84.0% 85.2%	44.0	44.0 44.0		0.0%
85.2% 86.4%	59.7 59.5	59.6 59.6	-0.1	-0.2% 0.2%	85.2%	50.8 50.8	50.8 50.8	0.0		85.2% 86.4%	44.0 44.0	44.0 44.0	0.0	0.0%	85.2% 86.4%	43.9	44.0	0.1	
86.4% 87.7%	59.5 59.4	59.6 59.6	0.1 0.2	0.2%	85.4%	50.8	50.8	0.0	0.0%	85.4% 87.7%	44.0	44.0	-0.1	-0.2%	86.4% 87.7%	43.8	43.9	0.1	0.2%
88.9%	59.4 59.4	59.6 59.5	0.2	0.3%	88.9%	50.6	50.5	-0.1	-0.2%	88.9%	43.9	43.6	-0.1	-0.2%	88.9%	43.7	43.6	0.1	0.5%
90.1%	59.4	59.5	0.1	0.2%	90.1%	50.5	50.3	-0.1	-0.4%	90.1%	43.5	43.4	-0.2	-0.5%	90.1%	43.5	43.5	0.2	0.0%
91.4%	59.3	59.4	0.1	0.2%	91.4%	50.4	50.3	-0.1	-0.4%	91.4%	43.4	43.4	0.0	0.0%	91.4%	43.3	43.3	0.0	0.0%
92.6%	59.1	59.3	0.1	0.3%	92.6%	50.3	50.2	-0.1	-0.2%	92.6%	43.4	43.3	-0.1	-0.2%	92.6%	43.3	43.3	0.0	0.0%
93.8%	58.8	59.0	0.2	0.3%	93.8%	50.2	50.2	0.0	0.0%	93.8%	43.3	43.2	-0.1	-0.2%	93.8%	42.2	42.2	0.0	0.0%
95.1%	58.6	58.8	0.2	0.3%	95.1%	50.2	50.1	0.0	0.0%	95.1%	43.2	42.9	-0.3	-0.7%	95.1%	41.9	42.1	0.2	0.5%
96.3%	58.5	58.7	0.2	0.3%	96.3%	50.1	50.1	0.0	0.0%	96.3%	42.8	42.8	0.0	0.0%	96.3%	41.6	41.6	0.0	0.0%
97.5%	57.8	57.8	0.0	0.0%	97.5%	49.4	49.4	0.0	0.0%	97.5%	42.2	42.2	0.0	0.0%	97.5%	41.0	41.0	0.0	0.0%
98.8%	57.3	57.3	0.0	0.0%	98.8%	49.1	49.1	0.0	0.0%	98.8%	42.2	42.2	0.0	0.0%	98.8%	41.0	41.0	0.0	0.0%
100.0%	57.3	57.3	0.0	0.0%	100.0%	49.1	49.1	0.0	0.0%	100.0%	42.2	42.2	0.0	0.0%	100.0%	41.0	41.0	0.0	0.0%
70					70									41474					

Table SQ-17-7b Feather River at the Mouth, Monthly Temperature Probability of Exceedance

									Probability	of Exceedance									
Percent		February			Percent		March			Percent		April			Percent		May		
Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative
Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
0.0%	(DEG-F) 54.1	(DEG-F) 54.1	0.0	0.0%	(%) 0.0%	(DEG-F) 59.2	(DEG-F) 59.2	0.0	0.0%		(DEG-F) 66.1	(DEG-F) 66.3	0.2	0.3%	(%) 0.0%	(DEG-F) 74.4	(DEG-F) 74.5	0.1	0.1%
1.2%	53.1	53.1	0.0	0.0%	1.2%	58.8	58.8	0.0	0.0%	1.2%	65.8	65.8	0.0	0.0%	1.2%	73.5	73.9	0.4	0.5%
2.5%	53.0	53.0	0.0	0.0%	2.5%	58.1	57.9	-0.2	-0.3%	2.5%	65.8	65.8	0.0	0.0%	2.5%	71.7	71.7	0.0	0.0%
3.7%	52.9 52.4	52.8 52.3	-0.1 -0.1	-0.2% -0.2%	3.7% 4.9%	57.9 57.6	57.8 57.5	-0.1 -0.1	-0.2% -0.2%	3.7% 4.9%	65.6 65.5	65.5 65.5	-0.1	-0.2% 0.0%	3.7% 4.9%	71.4 71.2	71.5 71.2	0.1	0.1%
6.2%	52.3	52.3	0.0	0.0%	6.2%	57.3	57.3	0.0	0.0%	6.2%	64.8	64.8	0.0	0.0%	6.2%	70.1	70.1	0.0	0.0%
7.4%	52.2	52.2	0.0	0.0%	7.4%	57.2	57.3	0.1	0.2%	7.4%	64.6	64.6	0.0	0.0%	7.4%	69.9	69.9	0.0	0.0%
8.6% 9.9%	52.2 52.1	52.1 52.1	-0.1 0.0	-0.2% 0.0%	8.6% 9.9%	57.2 57.1	57.2 57.0	0.0 -0.1	0.0% -0.2%	8.6% 9.9%	64.3 64.3	64.6 64.3	0.3	0.5%	8.6% 9.9%	69.5 69.4	69.8 69.5	0.3	0.4% 0.1%
11.1%	52.1	52.1	0.0	0.0%	11.1%	56.6	56.6	0.0	0.0%	11.1%	64.3	64.3	0.0	0.0%	11.1%	69.2	69.2	0.0	0.0%
12.3%	52.1	52.0	-0.1	-0.2%	12.3%	56.6	56.6	0.0	0.0%	12.3%	64.0	64.2	0.2	0.3%	12.3%	69.1	69.1	0.0	0.0%
13.6% 14.8%	51.7 51.6	51.7 51.7	0.0 0.1	0.0%	13.6% 14.8%	56.6 56.5	56.5 56.5	-0.1 0.0	-0.2% 0.0%	13.6% 14.8%	63.9 63.8	64.0 63.8	0.1 0.0	0.2%	13.6% 14.8%	69.1 69.0	69.1 69.1	0.0 0.1	0.0%
16.0%	51.5	51.7	0.0	0.0%	16.0%	56.4	56.5	0.0	0.2%	16.0%	63.3	63.3	0.0	0.0%	16.0%	68.9	68.9	0.0	0.1%
17.3%	51.5	51.5	0.0	0.0%	17.3%	56.3	56.4	0.1	0.2%	17.3%	63.2	63.2	0.0	0.0%	17.3%	68.6	68.8	0.2	0.3%
18.5%	51.5	51.5	0.0	0.0%	18.5%	56.3	56.3 56.3	0.0	0.0%	18.5%	63.1	63.1	0.0	0.0%	18.5%	68.4 68.2	68.8 68.2	0.4	0.6%
19.8% 21.0%	51.4 51.3	51.3 51.3	-0.1 0.0	-0.2% 0.0%	19.8% 21.0%	56.3 56.3	56.3	0.0	0.0%	19.8% 21.0%	62.6 62.6	62.6 62.6	0.0	0.0%	19.8% 21.0%	68.2	68.2	0.0	0.0%
22.2%	51.3	51.2	-0.1	-0.2%	22.2%	56.2	56.2	0.0	0.0%	22.2%	62.5	62.5	0.0	0.0%	22.2%	68.1	68.1	0.0	0.0%
23.5%	51.2	51.2	0.0	0.0%	23.5%	56.2	56.2	0.0	0.0%	23.5%	62.4	62.4	0.0	0.0%	23.5%	68.1	68.1	0.0	0.0%
24.7% 25.9%	51.2 51.2	51.1 51.1	-0.1 -0.1	-0.2% -0.2%	24.7% 25.9%	56.2 56.0	56.0 56.0	-0.2 0.0	-0.4% 0.0%	24.7% 25.9%	62.4 62.2	62.4 62.2	0.0	0.0%	24.7% 25.9%	67.9 67.7	68.0 67.9	0.1 0.2	0.1%
27.2%	51.0	51.0	0.0	0.0%	27.2%	55.7	55.6	-0.1	-0.2%	27.2%	62.1	62.2	0.0	0.0%	27.2%	67.7	67.7	0.2	0.0%
28.4%	51.0	51.0	0.0	0.0%	28.4%	55.5	55.5	0.0	0.0%	28.4%	62.1	62.1	0.0	0.0%	28.4%	67.5	67.7	0.2	0.3%
29.6%	51.0	51.0	0.0	0.0%	29.6%	55.5	55.5	0.0	0.0%	29.6%	62.1	62.1	0.0	0.0%	29.6%	67.5	67.6	0.1	0.1%
30.9% 32.1%	50.8 50.8	50.8 50.8	0.0	0.0%	30.9% 32.1%	55.3 55.2	55.3 55.2	0.0	0.0%	30.9% 32.1%	61.9 61.4	61.9 61.4	0.0	0.0%	30.9% 32.1%	67.5 67.4	67.5 67.5	0.0	0.0%
33.3%	50.7	50.7	0.0	0.0%	33.3%	55.2	55.2	0.0	0.0%	33.3%	61.4	61.4	0.0	0.0%	33.3%	67.4	67.5	0.1	0.1%
34.6%	50.6	50.6	0.0	0.0%	34.6%	55.2	55.1	-0.1	-0.2%	34.6%	61.3	61.3	0.0	0.0%	34.6%	67.2	67.4	0.2	0.3%
35.8%	50.6	50.6	0.0	0.0%	35.8%	55.1	55.1	0.0	0.0%	35.8%	61.3	61.3	0.0	0.0%	35.8%	67.2	67.2	0.0	0.0%
37.0% 38.3%	50.4 50.4	50.5 50.5	0.1	0.2%	37.0% 38.3%	55.1 55.0	54.9 54.9	-0.2 -0.1	-0.4% -0.2%	37.0% 38.3%	61.3 61.2	61.3 61.2	0.0	0.0%	37.0% 38.3%	67.2 67.1	67.2 67.1	0.0	0.0%
39.5%	50.4	50.4	0.0	0.0%	39.5%	55.0	54.8	-0.2	-0.4%	39.5%	61.1	61.1	0.0	0.0%	39.5%	67.0	67.0	0.0	0.0%
40.7%	50.4	50.4	0.0	0.0%	40.7%	54.9	54.8	-0.1	-0.2%	40.7%	61.0	61.0	0.0	0.0%	40.7%	67.0	67.0	0.0	0.0%
42.0% 43.2%	50.4 50.3	50.3 50.2	-0.1 -0.1	-0.2% -0.2%	42.0% 43.2%	54.9 54.7	54.8 54.8	-0.1 0.1	-0.2% 0.2%	42.0% 43.2%	60.9 60.9	60.9 60.9	0.0	0.0%	42.0% 43.2%	67.0 66.9	67.0 66.9	0.0	0.0%
43.2%	50.3	50.2	-0.1	-0.2%	43.2%	54.7 54.7	54.8	0.1	0.2%	44.4%	60.9	60.9	0.0	0.0%	43.2%	66.9	66.9	0.0	0.0%
45.7%	50.2	50.1	-0.1	-0.2%	45.7%	54.7	54.7	0.0	0.0%	45.7%	60.8	60.8	0.0	0.0%	45.7%	66.8	66.8	0.0	0.0%
46.9%	50.1	50.1	0.0	0.0%	46.9%	54.6	54.6	0.0	0.0%	46.9%	60.8	60.8	0.0	0.0%	46.9%	66.6	66.8	0.2	0.3%
48.1% 49.4%	50.1 50.1	50.1 50.0	0.0 -0.1	0.0% -0.2%	48.1% 49.4%	54.6 54.5	54.6 54.5	0.0	0.0%	48.1% 49.4%	60.8 60.7	60.8 60.7	0.0	0.0%	48.1% 49.4%	66.5 66.4	66.6 66.5	0.1 0.1	0.2%
50.6%	50.1	50.0	-0.1	-0.2%	50.6%	54.5 54.5	54.5	-0.1	-0.2%	50.6%	60.6	60.6	0.0	0.0%	50.6%	66.4	66.4	0.0	0.2%
51.9%	50.0	50.0	0.0	0.0%	51.9%	54.4	54.4	0.0	0.0%	51.9%	60.6	60.6	0.0	0.0%	51.9%	66.4	66.4	0.0	0.0%
53.1% 54.3%	50.0	50.0 50.0	0.0	0.0%	53.1% 54.3%	54.4	54.4 54.4	0.0	0.0%	53.1% 54.3%	60.5	60.5	0.0	0.0%	53.1%	66.4	66.4	0.0 -0.1	0.0%
54.3%	50.0 50.0	49.9	0.0 -0.1	0.0%	54.3%	54.3 54.2	54.4 54.2	0.1	0.2%	54.3%	60.5 60.4	60.5 60.4	0.0	0.0%	54.3% 55.6%	66.4 66.3	66.3 66.2	-0.1	-0.2% -0.2%
56.8%	49.9	49.9	0.0	0.0%	56.8%	54.2	54.2	0.0	0.0%	56.8%	60.3	60.3	0.0	0.0%	56.8%	66.2	66.2	0.0	0.0%
58.0%	49.9	49.9	0.0	0.0%	58.0%	54.2	54.2	0.0	0.0%	58.0%	60.2	60.3	0.1	0.2%	58.0%	66.2	66.1	-0.1	-0.2%
59.3% 60.5%	49.8 49.6	49.7 49.6	-0.1	-0.2%	59.3% 60.5%	54.2 54.2	54.2 54.2	0.0	0.0%	59.3% 60.5%	60.0	60.2 60.0	0.2	0.3%	59.3% 60.5%	66.1 66.0	66.0 66.0	-0.1 0.0	-0.2% 0.0%
61.7%	49.6 49.6	49.6	0.0	0.0%	61.7%	54.2 53.9	54.2 54.1	0.0	0.0%	61.7%	60.0 59.9	50.0 59.9	0.0	0.0%	61.7%	65.8	66.0	0.0	0.0%
63.0%	49.6	49.6	0.0	0.0%	63.0%	53.8	53.9	0.1	0.2%	63.0%	59.9	59.9	0.0	0.0%	63.0%	65.7	65.7	0.0	0.0%
64.2%	49.4	49.4	0.0	0.0%	64.2%	53.7	53.7	0.0	0.0%	64.2%	59.7	59.8	0.1	0.2%	64.2%	65.6	65.6	0.0	0.0%
65.4% 66.7%	49.4 49.4	49.4 49.4	0.0	0.0%	65.4% 66.7%	53.7 53.7	53.7 53.7	0.0	0.0%	65.4% 66.7%	59.5 59.5	59.6 59.5	0.1	0.2%	65.4% 66.7%	65.3 64.9	65.3 64.9	0.0	0.0%
67.9%	49.3	49.4	0.0	0.2%	67.9%	53.6	53.7	0.0	0.2%	67.9%	59.5	59.5	0.0	0.0%	67.9%	64.9	64.9	0.0	0.0%
69.1%	49.3	49.3	0.0	0.0%	69.1%	53.6	53.6	0.0	0.0%	69.1%	59.3	59.4	0.1	0.2%	69.1%	64.8	64.8	0.0	0.0%
70.4% 71.6%	49.3 49.2	49.3 49.3	0.0	0.0%	70.4% 71.6%	53.5	53.5 53.3	0.0 -0.1	0.0%	70.4%	59.2 59.1	59.2 59.1	0.0	0.0%	70.4% 71.6%	64.8	64.8 64.7	0.0	0.0%
71.6% 72.8%	49.2 49.2	49.3 49.2	0.1	0.2%	71.6% 72.8%	53.4 53.4	53.3 53.3	-0.1 -0.1	-0.2% -0.2%	71.6% 72.8%	59.1 58.9	59.1 58.9	0.0	0.0%	71.6% 72.8%	64.7 64.6	64.7 64.6	0.0	0.0%
74.1%	49.1	49.2	0.1	0.2%	74.1%	53.3	53.3	0.0	0.0%	74.1%	58.4	58.4	0.0	0.0%	74.1%	64.6	64.6	0.0	0.0%
75.3%	49.1	49.1	0.0	0.0%	75.3%	53.2	53.2	0.0	0.0%	75.3%	58.3	58.3	0.0	0.0%	75.3%	64.1	64.1	0.0	0.0%
76.5% 77.8%	49.1 49.0	49.0 49.0	-0.1 0.0	-0.2% 0.0%	76.5% 77.8%	53.0 53.0	53.0 53.0	0.0	0.0%	76.5% 77.8%	58.1 58.1	58.1 58.1	0.0	0.0%	76.5% 77.8%	64.0 64.0	64.0 64.0	0.0	0.0%
79.0%	48.9	48.9	0.0	0.0%	79.0%	53.0	53.0	0.0	0.0%	79.0%	58.0	58.0	0.0	0.0%	79.0%	63.8	63.8	0.0	0.0%
80.2%	48.9	48.9	0.0	0.0%	80.2%	52.9	52.9	0.0	0.0%	80.2%	57.9	57.9	0.0	0.0%	80.2%	63.8	63.8	0.0	0.0%
81.5%	48.9	48.9	0.0	0.0%	81.5%	52.7	52.7	0.0	0.0%	81.5%	57.8	57.8	0.0	0.0%	81.5%	63.7	63.7	0.0	0.0%
82.7% 84.0%	48.8 48.8	48.8 48.8	0.0	0.0%	82.7% 84.0%	52.6 52.5	52.6 52.3	0.0 -0.2	0.0% -0.4%	82.7% 84.0%	57.8 57.7	57.8 57.7	0.0	0.0%	82.7% 84.0%	63.7 63.5	63.7 63.5	0.0	0.0%
85.2%	48.7	48.7	0.0	0.0%	85.2%	52.3	52.3	0.0	0.0%	85.2%	57.6	57.6	0.0	0.0%	85.2%	63.2	63.2	0.0	0.0%
86.4%	48.5	48.5	0.0	0.0%	86.4%	52.2	52.2	0.0	0.0%	86.4%	57.5	57.5	0.0	0.0%	86.4%	63.1	63.1	0.0	0.0%
87.7% 88.9%	48.4 48.3	48.4 48.4	0.0	0.0%	87.7% 88.9%	52.2 52.0	52.1 52.0	-0.1 0.0	-0.2%	87.7% 88.9%	57.4 57.3	57.4 57.3	0.0	0.0%	87.7% 88.9%	63.1 63.0	63.1 63.0	0.0	0.0%
88.9% 90.1%	48.3 48.3	48.4 48.3	0.1	0.2%	88.9% 90.1%	52.0 52.0	52.0 52.0	0.0	0.0%	88.9% 90.1%	57.3 57.1	57.3 57.1	0.0	0.0%	88.9% 90.1%	63.0 62.9	63.0 62.9	0.0	0.0%
91.4%	48.1	48.1	0.0	0.0%	91.4%	51.8	51.8	0.0	0.0%	91.4%	57.1	57.1	0.0	0.0%	91.4%	62.4	62.4	0.0	0.0%
92.6%	48.0	48.0	0.0	0.0%	92.6%	51.8	51.8	0.0	0.0%	92.6%	57.1	57.1	0.0	0.0%	92.6%	62.2	62.3	0.1	0.2%
93.8% 95.1%	48.0 48.0	48.0 48.0	0.0	0.0%	93.8% 95.1%	51.6 51.5	51.6 51.5	0.0	0.0%	93.8% 95.1%	56.8 56.5	56.8 56.5	0.0	0.0%	93.8% 95.1%	62.1 61.7	62.1 61.7	0.0	0.0%
95.1%	48.0 47.5	48.0 47.5	0.0	0.0%	95.1% 96.3%	51.5 51.5	51.5 51.5	0.0	0.0%	95.1% 96.3%	56.5 56.3	56.5 56.3	0.0	0.0%	95.1% 96.3%	61.6	61.6	0.0	0.0%
97.5%	47.4	47.4	0.0	0.0%	97.5%	51.5	51.4	-0.1	-0.2%	97.5%	55.9	55.9	0.0	0.0%	97.5%	61.2	61.2	0.0	0.0%
98.8%	47.3	47.3	0.0	0.0%	98.8%	51.4	51.4	0.0	0.0%	98.8%	55.6	55.6	0.0	0.0%	98.8%	60.9	60.9	0.0	0.0%
100.0%	47.3	47.3	0.0	0.0%	100.0%	51.4	51.4	0.0	0.0%	100.0%	55.6	55.6	0.0	0.0%	100.0%	60.9	60.9	0.0	0.0%

Table SQ-17-7b

Feather River at the Mouth, Monthly Temperature

Probability of Exceedance

August

September

Percent		June			Percent		,			Percent		August			Percent				
Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	75.7	76.1	0.4	0.5%	0.0%	77.4	77.8	0.4	0.5%	0.0%	78.2	78.6	0.4	0.5%	0.0%	73.9	74.0	0.1	0.1%
1.2%	75.5	75.5	0.0	0.0%	1.2%	77.0	77.7	0.7	0.9%	1.2%	77.0	77.0	0.0	0.0%	1.2%	73.1	73.1	0.0	0.0%
2.5%	75.5	75.2	-0.3	-0.4%	2.5%	76.4	76.4	0.0	0.0%	2.5%	77.0	76.9	-0.1	-0.1%	2.5%	72.9	73.0	0.1	0.1%
3.7%	75.1	75.2	0.1	0.1%	3.7%	76.4	76.3	-0.1	-0.1%	3.7%	76.7	76.7	0.0	0.0%	3.7%	72.4	72.2	-0.2	-0.3%
4.9%	75.0	74.7	-0.3	-0.4%	4.9%	76.3	76.1	-0.2	-0.3%	4.9%	76.3	76.4	0.1	0.1%	4.9%	72.2	72.1	-0.1	-0.1%
6.2%	74.6	74.6	0.0	0.0%	6.2%	76.3	75.9	-0.4	-0.5%	6.2%	76.0	75.9	-0.1	-0.1%	6.2%	72.1	72.0	-0.1	-0.1%
7.4%	74.6	74.4	-0.2	-0.3%	7.4%	76.1	75.3	-0.8	-1.1%	7.4%	75.9	75.9	0.0	0.0%	7.4%	71.9	71.8	-0.1	-0.1%
8.6%	74.6	74.3	-0.3	-0.4%	8.6%	75.5	75.2	-0.3	-0.4%	8.6%	75.9	75.7	-0.2	-0.3%	8.6%	71.9	71.8	-0.1	-0.1%
9.9%	74.1	73.9	-0.2	-0.3%	9.9%	75.3	75.1	-0.2	-0.3%	9.9%	75.7	75.4	-0.3	-0.4%	9.9%	71.9	71.7	-0.2	-0.3%
11.1%	73.8	73.8	0.0	0.0%	11.1%	75.1	75.1	0.0	0.0%	11.1%	75.7	75.2	-0.5	-0.7%	11.1%	71.9	71.6	-0.3	-0.4%
12.3%	73.7	73.7	0.0	0.0%	12.3%	75.1	75.0	-0.1	-0.1%	12.3%	75.4	75.1	-0.3	-0.4%	12.3%	71.7	71.6	-0.1	-0.1%
13.6%	73.6	73.7	0.1	0.1%	13.6%	75.0	75.0	0.0	0.0%	13.6%	75.2	75.0	-0.2	-0.3%	13.6%	71.7	71.3	-0.4	-0.6%
14.8%	73.5	73.5	0.0	0.0%	14.8%	74.8	74.9	0.1	0.1%	14.8%	74.4	75.0	0.6	0.8%	14.8%	71.5	71.2	-0.3	-0.4%
16.0%	73.4	73.4	0.0	0.0%	16.0%	74.8	74.8	0.0	0.0%	16.0%	74.4	74.7	0.3	0.4%	16.0%	71.3	70.9	-0.4	-0.6%
17.3%	73.2	73.4	0.2	0.3%	17.3%	74.6	74.7	0.1	0.1%	17.3%	74.3	74.6	0.3	0.4%	17.3%	71.2	70.9	-0.3	-0.4%
18.5%	73.2	73.2	0.0	0.0%	18.5%	74.6	74.7	0.1	0.1%	18.5%	74.3	74.4	0.1	0.1%	18.5%	71.1	70.9	-0.2	-0.3%
19.8%	73.2	73.2	0.0	0.0%	19.8%	74.5	74.2	-0.3	-0.4%	19.8%	74.1	74.4	0.3	0.4%	19.8%	71.0	70.8	-0.2	-0.3%
21.0%	73.2	73.2	0.0	0.0%	21.0%	74.3	74.2	-0.1	-0.1%	21.0%	73.9	74.2	0.3	0.4%	21.0%	70.8	70.5	-0.3	-0.4%
22.2%	73.2	73.1	-0.1	-0.1%	22.2%	74.1	74.2	0.1	0.1%	22.2%	73.8	74.1	0.3	0.4%	22.2%	70.8	70.4	-0.4	-0.6%
23.5%	73.2	73.0	-0.2	-0.3%	23.5%	74.1	74.2	0.1	0.1%	23.5%	73.7	74.0	0.3	0.4%	23.5%	70.6	70.3	-0.3	-0.4%
24.7%	72.9	73.0	0.1	0.1%	24.7%	74.1	74.1	0.0	0.0%	24.7%	73.6	74.0	0.4	0.5%	24.7%	70.5	70.2	-0.3	-0.4%
25.9%	72.9	73.0	0.1	0.1%	25.9%	74.0	74.1	0.1	0.1%	25.9%	73.6	73.8	0.2	0.3%	25.9%	70.4	70.2	-0.2	-0.3%
27.2%	72.8	72.8	0.0	0.0%	27.2%	74.0	74.0	0.0	0.0%	27.2%	73.5	73.7	0.2	0.3%	27.2%	70.2	70.2	0.0	0.0%
28.4%	72.8	72.8	0.0	0.0%	28.4%	73.9	74.0	0.1	0.1%	28.4%	73.5	73.6	0.1	0.1%	28.4%	70.2	70.0	-0.2	-0.3%
29.6%	72.7	72.8	0.1	0.1%	29.6%	73.9	74.0	0.1	0.1%	29.6%	73.5	73.6	0.1	0.1%	29.6%	70.1	69.8	-0.3	-0.4%
30.9%	72.4	72.4	0.0	0.0%	30.9%	73.9	73.9	0.0	0.0%	30.9%	73.4	73.4	0.0	0.0%	30.9%	70.1	69.7	-0.4	-0.6%
32.1%	72.3	72.3	0.0	0.0%	32.1%	73.9	73.9	0.0	0.0%	32.1%	73.3	73.4	0.1	0.1%	32.1%	69.9	69.6	-0.3	-0.4%
33.3%	72.3	72.2	-0.1	-0.1%	33.3%	73.9	73.6	-0.3	-0.4%	33.3%	73.2	73.3	0.1	0.1%	33.3%	69.8	69.5	-0.3	-0.4%
34.6%	72.2	72.2	0.0	0.0%	34.6%	73.6	73.5	-0.1	-0.1%	34.6%	73.2	73.1	-0.1	-0.1%	34.6%	69.7	69.5	-0.2	-0.3%
35.8%	72.2	72.1	-0.1	-0.1%	35.8%	73.6	73.5	-0.1	-0.1%	35.8%	73.1	73.0	-0.1	-0.1%	35.8%	69.6	69.4	-0.2	-0.3%
37.0%	72.1	72.1	0.0	0.0%	37.0%	73.5	73.5	0.0	0.0%	37.0%	72.9	73.0	0.1	0.1%	37.0%	69.6	69.3	-0.3	-0.4%
38.3%	72.1	72.1	0.0	0.0%	38.3%	73.5	73.5	0.0	0.0%	38.3%	72.9	73.0	0.1	0.1%	38.3%	69.5	68.8	-0.7	-1.0%
39.5%	72.1	72.1	0.0	0.0%	39.5%	73.4	73.4	0.0	0.0%	39.5%	72.8	72.9	0.1	0.1%	39.5%	69.4	68.8	-0.6	-0.9%
40.7%	72.0	72.1	0.1	0.1%	40.7%	73.4	73.4	0.0	0.0%	40.7%	72.8	72.8	0.0	0.0%	40.7%	69.2	68.8	-0.4	-0.6%
42.0%	72.0	72.0	0.0	0.0%	42.0%	73.4	73.4	0.0	0.0%	42.0%	72.8	72.8	0.0	0.0%	42.0%	69.1	68.8	-0.3	-0.4%
43.2%	71.9	72.0	0.1	0.1%	43.2%	73.3	73.3	0.0	0.0%	43.2%	72.7	72.6	-0.1	-0.1%	43.2%	69.0	68.7	-0.3	-0.4%
44.4%	71.9	71.9	0.0	0.0%	44.4%	73.3	73.3	0.0	0.0%	44.4%	72.6	72.4	-0.2	-0.3%	44.4%	69.0	68.7	-0.3	-0.4%
45.7%	71.7	71.9	0.2	0.3%	45.7%	73.3	73.3	0.0	0.0%	45.7%	72.6	72.3	-0.3	-0.4%	45.7%	68.9	68.4	-0.5	-0.7%
46.9%	71.7	71.7	0.0	0.0%	46.9%	73.2	73.2	0.0	0.0%	46.9%	72.6	72.3	-0.3	-0.4%	46.9%	68.9	68.4	-0.5	-0.7%
48.1%	71.7	71.6	-0.1	-0.1%	48.1%	73.2	73.2	0.0	0.0%	48.1%	72.6	72.2	-0.4	-0.6%	48.1%	68.8	68.3	-0.5	-0.7%
49.4%	71.6	71.6	0.0	0.0%	49.4%	73.1	73.2	0.1	0.1%	49.4%	72.6	72.2	-0.4	-0.6%	49.4%	68.4	68.3	-0.1	-0.1%
50.6%	71.5	71.6	0.1	0.1%	50.6%	73.0	73.2	0.2	0.3%	50.6%	72.5	72.1	-0.4	-0.6%	50.6%	68.3	68.2	-0.1	-0.1%
51.9%	71.4	71.5	0.1	0.1%	51.9%	73.0	73.1	0.1	0.1%	51.9%	72.3	72.1	-0.2	-0.3%	51.9%	68.3	67.8	-0.5	-0.7%
53.1%	71.3	71.5	0.2	0.3%	53.1%	73.0	73.0	0.0	0.0%	53.1%	72.3	72.0	-0.3	-0.4%	53.1%	68.3	67.7	-0.6	-0.9%
54.3%	71.3	71.3	0.0	0.0%	54.3%	73.0	73.0	0.0	0.0%	54.3%	72.3	71.9	-0.4	-0.6%	54.3%	68.2	67.7	-0.5	-0.7%
55.6%	71.1	71.2	0.1	0.1%	55.6%	72.8	72.8	0.0	0.0%	55.6%	72.2	71.8	-0.4	-0.6%	55.6%	68.0	67.6	-0.4	-0.6%
56.8%	71.1	71.2	0.1	0.1%	56.8%	72.7	72.7	0.0	0.0%	56.8%	71.9	71.8	-0.1	-0.1%	56.8%	67.9	67.6	-0.3	-0.4%
58.0%	71.0	71.0	0.0	0.0%	58.0%	72.7	72.7	0.0	0.0%	58.0%	71.9	71.8	-0.1	-0.1%	58.0%	67.8	67.5	-0.3	-0.4%
59.3%	71.0	70.9	-0.1	-0.1%	59.3%	72.6	72.7	0.1	0.1%	59.3%	71.8	71.8	0.0	0.0%	59.3%	67.8	67.5	-0.3	-0.4%
60.5%	70.9	70.9	0.0	0.0%	60.5%	72.6	72.7	0.1	0.1%	60.5%	71.7	71.6	-0.1	-0.1%	60.5%	67.7	67.5	-0.2	-0.3%
61.7%	70.8	70.8	0.0	0.0%	61.7%	72.6	72.6	0.0	0.0%	61.7%	71.6	71.6	0.0	0.0%	61.7%	67.7	67.4	-0.3	-0.4%
63.0%	70.8	70.7	-0.1	-0.1%	63.0%	72.6	72.6	0.0	0.0%	63.0%	71.6	71.5	-0.1	-0.1%	63.0%	67.7	67.4	-0.3	-0.4%
64.2%	70.7	70.7	0.0	0.0%	64.2%	72.6	72.6	0.0	0.0%	64.2%	71.6	71.5	-0.1	-0.1%	64.2%	67.2	67.3	0.1	0.1%
65.4%	70.6	70.6	0.0	0.0%	65.4%	72.6	72.5	-0.1	-0.1%	65.4%	71.5	71.5	0.0	0.0%	65.4%	67.2	67.2	0.0	0.0%
66.7%	70.6	70.5	-0.1	-0.1%	66.7%	72.5	72.5	0.0	0.0%	66.7%	71.3	71.3	0.0	0.0%	66.7%	67.2	67.2	0.0	0.0%
67.9%	70.3	70.3	0.0	0.0%	67.9%	72.3	72.3	0.0	0.0%	67.9%	71.3	71.3 71.3	0.0	0.0%	67.9%	67.2 67.2	67.2 66.9	0.0	0.0%
69.1% 70.4%	70.1 70.1	70.1 70.0	0.0 -0.1	-0.1%	69.1% 70.4%	72.2 72.2	72.3 72.2	0.1	0.1%	69.1% 70.4%	71.3 71.2	71.3 71.3	0.0	0.0%	69.1% 70.4%	67.1	66.9	-0.3 -0.2	-0.4% -0.3%
70.4%	70.1	70.0	-0.1	-0.1%	70.4%	72.1	72.1	0.0	0.0%	70.4%	71.2	71.3	-0.1	-0.1%	70.4%	67.1	66.8	-0.2	-0.4%
71.6%	70.1	69.9	-0.1	-0.1% -0.1%	71.6%	72.1 72.0	72.1 72.0	0.0	0.0%	71.6%		71.1 71.0	-0.1	-0.1% -0.1%	71.6%	66.9	66.7	-0.3	-0.4%
74.1%	70.0	69.9	-0.1	-0.1%	74.1%	72.0	72.0	0.0	0.0%	74.1%	71.1 71.0	70.9	-0.1	-0.1%	74.1%	66.9	66.7	-0.2	-0.3%
74.1%	69.6	69.7	0.1	0.1%	74.1% 75.3%	72.0 71.9	72.0 72.0	0.0	0.0%	74.1% 75.3%	71.0	70.9	-0.1	-0.1% -0.1%	74.1% 75.3%	66.7	66.7	0.0	0.0%
76.5%	69.6	69.6	0.0	0.1%	76.5%	71.9	71.9	0.0	0.0%	76.5%	71.0	70.8	0.0	0.0%	76.5%	66.7	66.4	-0.3	-0.4%
77.8%	69.5	69.5	0.0	0.0%	77.8%	71.9	71.9	0.0	0.0%	77.8%	70.8	70.8	0.0	0.0%	77.8%	66.7	66.4	-0.3	-0.4%
79.0%	69.5	69.4	-0.1	-0.1%	77.8%	71.9	71.9	0.0	0.0%	79.0%	70.8	70.6	-0.1	-0.1%	77.8%	66.6	66.2	-0.3	-0.6%
80.2%	69.4	69.4	-0.1	-0.1%	80.2%	71.9	71.9	0.0	0.0%	80.2%	70.7	70.6	-0.1	-0.1%	80.2%	66.5	66.1	-0.4	-0.6%
81.5%	69.4	69.2	-0.2	-0.3%	81.5%	71.8	71.9	0.0	0.0%	81.5%	70.5	70.5	0.0	0.0%	81.5%	66.4	66.1	-0.4	-0.5%
82.7%	69.2	69.0	-0.2	-0.3%	82.7%	71.7	71.8	0.0	0.1%	82.7%	70.5	70.5	0.0	0.0%	82.7%	66.1	66.1	0.0	0.0%
84.0%	69.0	69.0	0.0	0.0%	84.0%	71.7	71.7	0.0	0.0%	84.0%	70.3	70.5	0.0	0.3%	84.0%	66.0	66.0	0.0	0.0%
85.2%	69.0	68.9	-0.1	-0.1%	85.2%	71.6	71.7	0.0	0.1%	85.2%	70.3	70.4	0.2	0.1%	85.2%	66.0	66.0	0.0	0.0%
86.4%	69.0	68.8	-0.1	-0.1%	86.4%	71.5	71.6	0.1	0.1%	86.4%	70.3	70.4	-0.1	-0.1%	86.4%	65.9	66.0	0.0	0.2%
87.7%	68.9	68.8	-0.1	-0.1%	87.7%	71.1	71.5	0.1	0.6%	87.7%	70.1	70.2	0.1	0.1%	87.7%	65.6	65.9	0.3	0.5%
88.9%	68.5	68.5	0.0	0.0%	88.9%	71.0	71.5	0.4	0.6%	88.9%	70.1	70.2	0.1	0.1%	88.9%	65.5	65.8	0.3	0.5%
90.1%	68.4	68.2	-0.2	-0.3%	90.1%	70.9	71.0	0.1	0.1%	90.1%	70.0	70.0	0.0	0.0%	90.1%	65.5	65.8	0.3	0.5%
91.4%	67.8	67.8	0.0	0.0%	91.4%	70.9	70.9	0.0	0.0%	91.4%	69.9	69.9	0.0	0.0%	91.4%	65.4	65.5	0.3	0.2%
92.6%	67.4	67.4	0.0	0.0%	92.6%	70.9	70.9	0.0	0.0%	92.6%	69.8	69.9	0.0	0.1%	92.6%	65.2	65.4	0.1	0.3%
93.8%	67.4	67.4	0.0	0.0%	93.8%	70.7	70.7	0.0	0.0%	93.8%	69.6	69.9	0.3	0.4%	93.8%	64.9	65.0	0.1	0.2%
95.1%	67.4	67.2	-0.2	-0.3%	95.1%	70.7	70.5	-0.2	-0.3%	95.1%	69.6	69.8	0.2	0.3%	95.1%	63.8	63.8	0.0	0.0%
96.3%	67.0	66.8	-0.2	-0.3%	96.3%	70.5	70.5	0.0	0.0%	96.3%	69.5	69.3	-0.2	-0.3%	96.3%	63.4	63.4	0.0	0.0%
97.5%	65.8	65.8	0.0	0.0%	97.5%	70.5	70.4	-0.1	-0.1%	97.5%	69.3	69.2	-0.1	-0.1%	97.5%	63.1	63.1	0.0	0.0%
98.8%	65.7	65.7	0.0	0.0%	98.8%	70.4	70.2	-0.2	-0.3%	98.8%	69.0	69.0	0.0	0.0%	98.8%	63.0	62.9	-0.1	-0.2%
100.0%	65.7	65.7	0.0	0.0%	100.0%	70.4	70.2	-0.2	-0.3%	100.0%	69.0	69.0	0.0	0.0%	100.0%	63.0	62.9	-0.1	-0.2%

Table SQ-18-7a American River below Nimbus Dam, Monthly Temperature Long-term Average and Average by Water Year Type

					Mont	hly Temp	erature (DI	G-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	59.8	57.3	50.0	46.6	48.5	53.0	57.5	61.8	66.1	67.5	68.2	66.4
Alternative C	59.7	57.4	50.1	46.6	48.5	53.1	57.4	61.8	66.1	67.6	68.1	66.2
Difference	-0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.1	-0.1	-0.1
Percent Difference ³	-0.2%	0.2%	0.2%	0.0%	0.0%	0.2%	0.0%	-0.1%	0.0%	0.1%	-0.2%	-0.29
				Water Y	ear Types ²	!						
Vet (32%)												
No Action Alternative	58.6	58.0	50.7	46.6	48.0	52.1	55.8	59.8	63.9	67.0	67.3	65.2
Alternative C	58.6	58.1	50.7	46.6	48.0	52.1	55.7	59.8	63.9	67.2	67.0	65.3
Difference	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.3	0.1
Percent Difference	-0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.4%	0.19
Above Normal (15%)												
No Action Alternative	58.3	56.8	49.8	46.7	48.2	52.8	57.1	61.1	65.6	66.6	67.8	65.7
Alternative C	58.0	56.9	49.9	46.7	48.2	52.9	57.1	61.1	65.7	66.6	67.8	65.8
Difference	-0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0	0.1
Percent Difference	-0.5%	0.1%	0.2%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	-0.1%	0.0%	0.2%
Below Normal (17%)												
No Action Alternative	58.1	57.0	50.1	46.2	47.4	52.9	57.5	61.1	65.7	66.3	68.3	66.6
Alternative C	58.0	57.1	50.2	46.2	47.4	53.0	57.5	61.1	65.6	66.9	68.3	66.1
Difference	-0.1	0.0	0.1	0.0	-0.1	0.2	-0.1	-0.1	-0.1	0.6	-0.1	-0.5
Percent Difference	-0.2%	0.1%	0.1%	0.0%	-0.1%	0.3%	-0.1%	-0.2%	-0.1%	0.9%	-0.1%	-0.89
Dry (22%)												
No Action Alternative	60.5	57.2	49.7	46.5	48.8	53.3	58.5	63.9	67.9	67.5	68.2	66.8
Alternative C	60.1	57.3	49.9	46.5	48.7	53.4	58.6	63.7	67.9	67.5	68.4	66.9
Difference	-0.4	0.1	0.2	0.0	-0.1	0.1	0.1	-0.2	0.0	0.0	0.2	0.0
Percent Difference	-0.6%	0.2%	0.4%	0.0%	-0.3%	0.1%	0.2%	-0.3%	0.0%	0.1%	0.3%	0.09
Critical (15%)												
No Action Alternative	64.8	56.8	48.7	46.9	50.2	54.7	59.6	64.3	68.9	71.1	70.4	68.3
Alternative C	64.9	57.1	48.9	47.0	50.5	54.9	59.5	64.4	68.9	70.6	69.9	67.8
Difference	0.1	0.3	0.2	0.1	0.2	0.2	-0.1	0.1	0.0	-0.5	-0.5	-0.5
Percent Difference	0.2%	0.5%	0.4%	0.2%	0.4%	0.4%	-0.2%	0.2%	0.0%	-0.7%	-0.8%	-0.89

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



Figure SQ-18-7b

American River below Nimbus Dam, Monthly Temperature

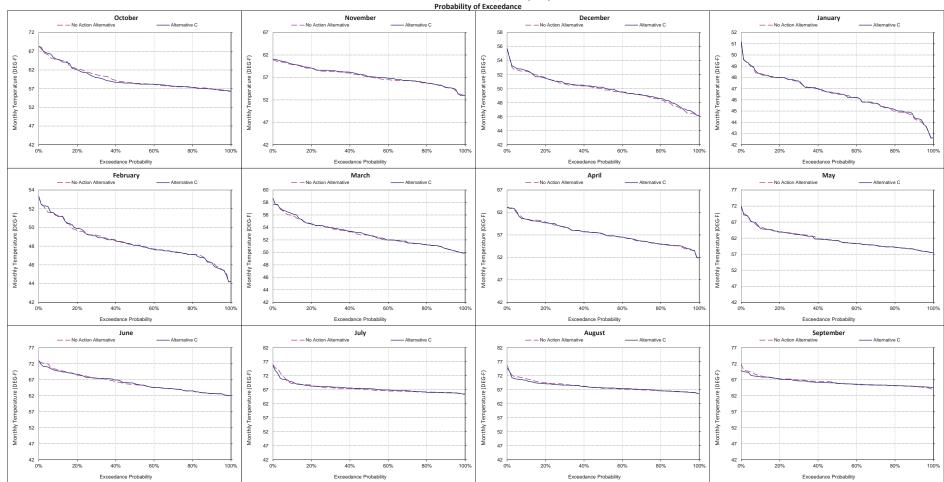


Table SO-18-7b American River below Nimbus Dam, Monthly Temperature Probability of Exceedance

Decembe

Novembe

Octobe

January Percent Percent Percent Percent No Action Alternative Alternative C Absolute Relative Relative Relative Relative Exceedance Exceedance Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) 0.0% 68.4 68.2 -0.3% 0.0% 60.9 61.1 0.3% 0.0% 55.7 55.7 0.0% 51.2 51.2 0.0% 1.2% 67.7 68.1 0.4 0.6% 1.2% 60.8 61.0 0.2 0.3% 1.2% 54.5 54.4 -0.1 -0.2% 1.2% 49.6 49.6 0.0 0.0% 2.5% 66.7 66.9 0.3% 2.5% 60.5 60.9 0.7% 2.5% 53.1 53.3 0.4% 2.5% 49.4 49.4 0.0% 3.7% 3.7% 66.3 66.7 0.4 0.6% 3.7% 60.5 60.7 0.2 0.3% 3.7% 52.7 53.1 0.4 0.8% 49.2 493 0.1 0.2% 4.9% 66.0 66.4 0.4 0.6% 4.9% 60.4 60.6 0.2 0.3% 4.9% 52.7 52.9 0.2 0.4% 4.9% 49.1 49.0 -0.1 -0.2% 6.2% 6.2% 6.2% 6.2% 65.2 66.3 1.1 1.7% 60.4 60.5 0.1 0.2% 52.6 52.8 0.2 0.4% 48.9 49.0 0.1 0.2% 7.4% 65.1 64.8 0.4 0.6% 7.4% 60.0 60.4 0.7% 7.4% 52.5 0.6% 7.4% 48.4 48.6 0.2 0.4% 8.6% 8.6% 8.6% 8.6 · . 9.9% 11.1% 12.3% 8.6% 65.0 0.2 0.3% 60.0 60.1 0.1 0.2% 52.5 52.7 0.2 0.4% 48.4 48.4 0.0% 9.9% 0.0% 0.2% -0.2% 11.1% 12.3% 64.6 64.7 0.1 0.2% 11.1% 59.8 59.9 0.1 0.2% 11.1% 52.4 52.5 0.1 0.2% 48.2 48.3 0.1 0.2% 13.6% 13.6% 13.6% 0.0% 0.0% 64.4 64 1 -0 3 -0.5% 59.7 59.7 0.0 52 1 52.0 -0.1 -0.2% 48.2 48.2 0.0 -0.3% 16.0% 16.0% 16.0% 16.0% 62.9 63.7 0.8 1.3% 59.6 59.4 -0.2 -0.3% 51.9 51.7 -0.2 -0.4% 48.0 48.1 0.1 0.2% 18.5% 18.5% -0.3% 18.5% 18.5% 0.0% 62.6 62.3 -0.3 -0.5% 59.3 59.1 -0.2 51.7 51.6 -0.1 -0.2% 48.0 48.0 0.0 19.8% 21.0% 62.3 62.2 -0.2 -0.4 -0.3% 59.1 19.8% 21.0% 51.5 51.4 -0.1 -0.2% 19.8% 21.0% 0.0 21.0% 61.8 -0.6% 59.0 59.0 0.0 0.0% 51.4 0.0% 48.0 48.0 0.0% 22.2% 23.5% -1.0% 22.2% 23.5% 58.7 0.0% 22.2% 23.5% 22.2% 23.5% 0.0 61.8 -0.5 51.2 0.0 47.9 61.3 -0.8% 58.6 58.6 0.0 0.0% 51.2 0.0% 47.9 0.0% 24.7% 25.9% 61.4 61.4 24.7% 25.9% 24.7% 25.9% 24.7% 25.9% -0.1 -0.5 -0.2% 58.6 0.2 -0.1 -0.1 -0.2% 47 S 47.8 0.0 60.9 58.6 0.3% 51.1 51.0 47.8 47.8 -0.8% 58.4 -0.2% 0.0% 27.2% 28.4% -1.0% -1.1% 27.2% 28.4% 27.2% 28.4% 61.1 27.2% 58.4 58.6 0.3% 50.8 47 7 47.8 0.1 60.9 -0.7 28.4% 58.3 58.6 0.3 0.5% 51.0 0.2 0.4% 47.7 47.7 0.0% 60.2 50.8 29.6% 30.9% -1.3% -1.2% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 60.8 60.6 0.1 0.2% 47.7 0.1 -0.1 0.2% 0.3% 47.5 50.6 47.6 32.1% 60.5 59.8 -0.7 -1.2% 32.1% 58.3 58.5 0.3% 32.1% 50.5 50.7 0.4% 32.1% 47.3 47.3 0.0 0.0% 33.3% 60.4 -0.8 -1.3% 33.3% 0.2% 33.3% 50.5 0.1 0.2% 33.3% 47.1 -0.2 -0.4% 34.6% 60.3 59.3 -1.0 -1.7% 34.6% 58.2 58.3 0.2% 34.6% 50.5 50.6 0.2% 34.6% 47.1 47.1 0.0 0.0% 35.8% -1.8% 35.8% 35.8% 35.8% 60.2 58.3 0.2% 0.0% 47.1 47.1 0.0% 37.0% 59.8 59.0 -0.8 -1.3% 37.0% 58.2 0.2% 37.0% 50.4 50.5 0.1 0.2% 37.0% 47.1 47.1 0.0 0.0% 38.3% 59.5 38.3% 58.2 38.3% 38.3% 47.0 47.1 0.1 -1.0% 0.3% 0.2% 0.2% 39.5% 59.3 58.7 -0.6 -1.0% 39.5% 58.0 58.2 0.2 0.3% 39.5% 50.4 50.5 0.2% 39.5% 47.0 47.0 0.0 0.0% 40.7% 59.1 58.7 -0.4 -0.7% 40.7% 57.9 58.1 0.3% 40.7% 50.4 50.4 0.0 0.0% 40.7% 47.0 46.9 -0.1 -0.2% 42.0% 58.9 58.6 -0.3-0.5% 42.0% 57.7 58.0 0.5% 42.0% 50.3 50.4 0.1 0.2% 42.0% 46.8 46.9 0.1 0.2% 0.0% 43.2% 58.9 58.6 -0.3 -0.5% 43.2% 57.7 57.9 0.2 0.3% 43.2% 50.3 50.4 0.1 0.2% 43.2% 46.8 46.8 0.0 44.4% 58.8 -0.3 -0.5% 44.4% 57.6 57.7 0.2% 44.4% 50.2 50.3 0.2% 44.4% 46.7 46.7 0.0 0.0% 45.7% 45.7% 45.7% 58.6 58.5 -0.1 -0.2% 57.5 57.7 0.2 0.3% 50.1 50.3 0.2 0.4% 45.7% 46.7 46.7 0.0 0.0% -0.1 46.9% 58.6 58.5 -0.2% 46.9% 57.4 57.6 0.3% 46.9% 50.1 50.2 0.2% 46.9% 46.7 46.6 -0.2% 48.1% 49.4% 58.6 58.5 -0.1 -0.2% 48.1% 57.2 57.5 0.3 0.5% 48.1% 50.0 50.2 0.2 0.4% 48.1% 46.6 46.6 0.0 0.0% 58.4 0.0% 49.4% 57.2 0.0% 49.4% 50.0 0.4% 49.4% 46.6 46.6 0.0 0.0% 50.6% 50.6% 50.6% 58.4 58.3 -0.1 -0.2% 57.1 57.2 0.1 0.2% 49.8 50.1 0.3 0.6% 50.6% 46.6 46.5 -0.1 -0.2% 51.9% 58.4 58.4 -0.1-0.2% -0.3% 51.9% 57.1 57.1 0.2% 49.8 0.2 0.4% 51.9% 53.1% 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Table SQ-18-7b American River below Nimbus Dam, Monthly Temperature Probability of Exceedance

February March April Percent Percent Percent Percent No Action Alternative Alternative C Absolute Relative Exceedance Relative Relative Relative Exceedance Difference Difference Difference Difference Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG.E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) 0.0% 53.3 0.0 0.0% 0.0% 57.7 1.7% 0.0% 63.2 63.2 0.0% 72.1 71.8 -0.4% 1.2% 52.5 52.5 0.0 0.0% 1.2% 57.7 57.7 0.0 0.0% 1.2% 62.9 63.0 0.1 0.2% 1.2% 69.2 69.7 0.5 0.7% 2.5% 52.3 52.3 0.0% 2.5% 57.6 57.7 0.2% 2.5% 62.9 63.0 0.2% 2.5% 69.1 69.2 0.1% 3.7% 3.7% 51.9 52.3 0.4 0.8% 3.7% 57.1 57.0 -0.1 -0.2% 3.7% 62.7 62.9 0.2 0.3% 69.0 68.6 -0.4 -0.6% 4.9% 51.6 52.2 0.6 1.2% 4.9% 56.9 56.7 -0.2 -0.4% 4.9% 61.9 62.3 0.6% 4.9% 67.2 67.3 0.1 0.1% 6.2% 6.2% 6.2% 6.2% 51.6 51.6 0.0 0.0% 56.4 56.7 0.3 0.5% 61.5 61.2 -0.3 -0.5% 67.0 67.0 0.0 0.0% 7.4% 51.6 51.3 51.6 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Table SQ-18-7b American River below Nimbus Dam, Monthly Temperature Probability of Exceedance

August

September

Percent Percent Percent Percent No Action Alternative Alternative C Absolute Relative Relative Relative Relative Exceedance Exceedance Difference Difference Difference Difference Monthly Temperature Difference (%) Difference (%) Difference (%) Monthly Temperature Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) 0.0% 72.6 0.4 0.6% 0.0% 75.9 -0.3 -0.4% 0.0% 75.7 74.6 -1.5% 69.8 -2.9% 1.2% 72.4 71.7 -0.7 -1.0% 1.2% 74.7 73.8 -0.9 -1.2% 1.2% 73.6 73.5 -0.1 -0.1% 1.2% 69.9 69.5 -0.4 -0.6% 2.5% 72.1 -1.4% 2.5% 74.6 72.9 -2.3% 2.5% 71.3 -0.9 -1.2% 2.5% 69.8 69.4 -0.4-0.6% 3.7% 3.7% 72.0 71.1 -0.9 -1.3% 3.7% 73.1 71.2 -1.9 -2.6% 3.7% 71.7 70.9 -0.8 -1.1% 69.6 69.3 -0.3 -0.4% 4.9% 71.9 70.9 -1.4% 4.9% 71.9 70.7 -1.2 -1.7% 4.9% 71.6 70.8 -0.8 -1.1% 4.9% 69.5 68.4 -1.1 -1.6% 6.2% 6.2% 6.2% 6.2% 70.7 70.5 -0.2 -0.3% 71.2 70.6 -0.6 -0.8% 71.5 70.7 -0.8 -1.1% 69.1 68.2 -0.9 -1.3% 70.5 70.3 70.0 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62.8 62.8 0.0 0.0% 87.7% 66.0 66.0 0.0 0.0% 87.7% 66.4 66.3 -0.1 -0.2% 87.7% 65.0 65.0 0.0 0.0% 88.9% 62.7 62.7 0.0 0.0% 88.9% 66.0 65.9 -0.1 -0.2% 88.9% 66.4 66.3 -0.1 -0.2% 88.9% 64.9 65.0 0.1 0.2% 90.1% 62.7 62.7 0.0 0.0% 90.1% 66.0 65.9 -0.1 -0.2% 90.1% 66.3 66.2 -0.1 -0.2% 90.1% 64.9 64.9 0.0 0.0% 91.4% 62.7 91.4% 65.9 -0.2% 91.4% 66.2 91.4% 64.9 0.2 91.4% 92.6% 92.6% 62.6 62.6 0.0 0.0% 66.0 65.8 -0.2 -0.3% 66.2 66.2 0.0 0.0% 92.6% 64.7 64.8 0.2% 93.8% 0.0 65.8 0.0% 93.8% 64.7 62.6 62.6 0.0% 93.8% 65.8 0.0 93.8% 66.2 66.1 -0.1 -0.2% 64.8 0.1 0.2% 95.1% 95.1% 95.1% 95.1% 62.6 62.6 0.0 0.0% 65.8 65.8 0.0 0.0% 66.2 66.0 -0.2 -0.3% 64.5 64.8 0.3 0.5% 96.3% 62.3 0.0% 96.3% -0.2% 96.3% 97.5% 66.0 0.0 0.0% 96.3% 97.5% 64.5 0.2 0.3% 97.5% 97.5% 0.5% 62 1 62 1 0.0 0.0% 65.6 65.6 0.0 0.0% 66.0 66.0 0.0 0.0% 64.4 647 0.0% -0.2% -0.2% 98.8% 100.0% 100.0% 100.0% 100.0% 62.0 62.0 0.0 0.0% 65.5 65.4 -0.2% 65.8 65.7 -0.1 -0.2% 64.1 64.5 0.4 0.6%

Table SQ-19-7a American River at Watt Avenue, Monthly Temperature Long-term Average and Average by Water Year Type

					Mon	thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	60.4	56.6	49.1	46.3	48.8	53.7	58.4	63.1	67.4	69.0	69.6	67.2
Alternative C	60.3	56.8	49.2	46.3	48.8	53.7	58.4	63.1	67.5	69.1	69.5	67.1
Difference	-0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.2	-0.1	-0.1
Percent Difference ³	-0.2%	0.2%	0.2%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.1%	0.2%	-0.1%	-0.29
				Water Y	ear Types	2						
Wet (32%)												
No Action Alternative	59.5	57.5	50.0	46.5	48.2	52.6	56.4	60.8	65.0	68.5	68.7	66.0
Alternative C	59.4	57.7	50.0	46.5	48.2	52.6	56.4	60.8	65.0	68.7	68.4	66.1
Difference	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.3	0.1
Percent Difference	-0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	-0.4%	0.1%
Above Normal (15%)												
No Action Alternative	59.1	56.1	49.0	46.5	48.5	53.2	58.0	62.5	67.1	67.9	69.0	66.4
Alternative C	58.9	56.2	49.2	46.5	48.5	53.2	58.0	62.5	67.3	67.9	69.0	66.6
Difference	-0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2
Percent Difference	-0.4%	0.1%	0.2%	0.0%	0.0%	0.1%	0.0%	0.0%	0.2%	-0.1%	0.0%	0.2%
Below Normal (17%)												
No Action Alternative	59.0	56.4	49.3	45.7	47.8	53.5	58.5	62.5	67.3	67.6	69.7	67.5
Alternative C	58.9	56.5	49.4	45.7	47.7	53.7	58.4	62.4	67.3	68.3	69.7	67.0
Difference	0.0	0.1	0.1	0.0	0.0	0.1	-0.1	-0.1	0.0	0.7	0.0	-0.6
Percent Difference	-0.1%	0.1%	0.2%	0.1%	-0.1%	0.3%	-0.1%	-0.2%	0.0%	1.1%	-0.1%	-0.89
Dry (22%)												
No Action Alternative	61.0	56.4	48.9	46.0	49.3	54.2	59.7	65.2	69.4	69.0	69.6	67.8
Alternative C	60.7	56.5	49.1	45.9	49.2	54.2	59.8	65.1	69.4	69.1	69.9	67.8
Difference	-0.3	0.1	0.2	0.0	-0.1	0.0	0.1	-0.2	0.1	0.1	0.3	0.0
Percent Difference	-0.6%	0.2%	0.4%	-0.1%	-0.2%	0.0%	0.1%	-0.2%	0.1%	0.1%	0.4%	0.0%
Critical (15%)			,		,	,	_	,	,	,	,	
No Action Alternative	64.4	55.7	47.4	46.4	50.9	55.6	61.0	65.8	69.9	72.7	71.8	69.1
Alternative C	64.5	55.9	47.5	46.5	51.1	55.8	60.9	65.9	70.0	72.3	71.4	68.7
Difference	0.1	0.2	0.1	0.1	0.1	0.1	-0.1	0.1	0.1	-0.4	-0.4	-0.4
Percent Difference	0.1%	0.4%	0.3%	0.2%	0.3%	0.2%	-0.2%	0.1%	0.1%	-0.5%	-0.6%	-0.69

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



Figure SQ-19-7b American River at Watt Avenue, Monthly Temperature Probability of Exceedance

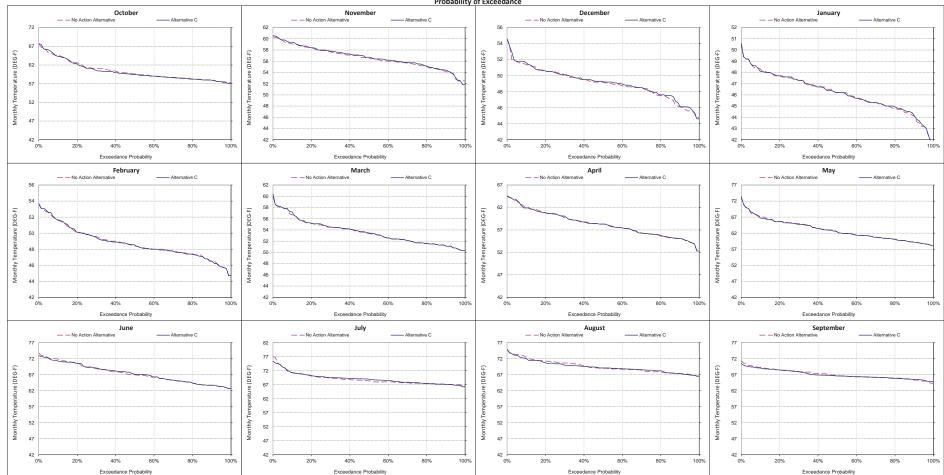


Table SQ-19-7b American River at Watt Avenue, Monthly Temperature Probability of Exceedance

Decembe

Novembe

Octobe

January Percent Percent Percent Percent No Action Alternative Alternative C Absolute Relative Relative Relative Relative Exceedance Exceedance Difference Difference Difference Difference Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) 0.0% 67.7 67.7 0.0% 0.0% 60.3 60.5 0.3% 0.0% 54.6 54.6 0.0% 50.6 0.0% 1.2% 66.8 67.5 0.7 1.0% 1.2% 60.3 60.5 0.2 0.3% 1.2% 53.8 53.7 -0.1 -0.2% 1.2% 49.4 49.4 0.0 0.0% 2.5% 66.3 66.3 0.0% 2.5% 60.1 60.3 0.3% 2.5% 52.0 52.9 1.7% 2.5% 49.2 49.2 0.0% 3.7% 3.7% 66.1 66.2 0.1 0.2% 3.7% 59.9 59.9 0.0 0.0% 3.7% 51.9 51.9 0.0 0.0% 49.2 49.2 0.0 0.0% 4.9% 65.3 66.1 8.0 1.2% 4.9% 59.7 59.8 0.2% 4.9% 51.8 51.8 0.0 0.0% 4.9% 48.8 48.8 0.0 0.0% 6.2% 6.2% 6.2% 6.2% 65.3 65.7 0.4 0.6% 59.4 59.8 0.4 0.7% 51.6 51.8 0.2 0.4% 48.5 48.6 0.1 0.2% 7.4% 0.4 0.6% 7.4% 0.3% 7.4% 0.4% 7.4% 48.4 48.6 0.2 0.4% 0.2 8.6% 8.6% 8.6% 8.6 · . 9.9% 11.1% 12.3% 8.6% 64.6 64.6 0.0 0.0% 59.2 59.4 0.3% 51.5 51.8 0.3 0.6% 48.4 48.4 0.0% 9.9% -0.3% 0.5% -0.4% 11.1% 12.3% 64.4 64.2 -0.2 -0.3% 11.1% 59.0 59.3 0.3 0.5% 11.1% 51.3 51.4 0.1 0.2% 48.1 48.1 0.0 0.0% 13.6% 13.6% 13.6% -0.2% 0.0% 63.8 63.9 0.1 0.2% 58.9 58.8 -0.1 51.1 51.1 0.0 0.0% 48 N 48.0 0.0 16.0% 16.0% 16.0% 16.0% 62.8 63.2 0.4 0.6% 58.6 58.7 0.1 0.2% 50.8 50.7 -0.1 -0.2% 47.9 47.9 0.0 0.0% 18.5% 18.5% 0.0% 18.5% 18.5% 0.0% 62.6 62.4 -0.2 -0.3% 58.5 58.5 0.0 50.6 50.7 0.1 0.2% 47.7 47.7 0.0 19.8% 21.0% 62.6 62.4 -0.3 -0.5 -0.5% 58.4 19.8% 0.0 0.0% 19.8% 21.0% 47.7 47.7 0.0 21.0% 61.9 -0.8% 58.3 58.4 0.1 0.2% 50.5 50.5 47.6 0.2% 22.2% 23.5% -0.6% 22.2% 23.5% 58.3 22.2% 23.5% 22.2% 23.5% 47.6 0.0 47.6 61.6 -0.1 0.0% 0.0 47.6 61.5 -0.2% 58.0 58.0 0.0 50.5 50.5 0.0% 0.0% 24.7% 25.9% 61.3 61.3 24.7% 25.9% 24.7% 25.9% 24.7% 25.9% -0.3% 58.0 50.5 -0.1 -0.1 -0.2% 47 F 47.6 0.1 61.1 -0.2 57.9 58.0 0.1 0.2% 50.3 47.5 47.6 0.2% -0.3% 50.4 -0.2% 27.2% 28.4% 27.2% 28.4% 27.2% 28.4% -0.2% 27.2% 58.0 0.2% 50.3 50.2 -0.2% 47.5 47.4 -0.1 0.0 61.1 60.9 -0.2 -0.3% 28.4% 57.7 57.9 0.2 0.3% 50.3 -0.2 -0.4% 47.4 47.4 0.0% 50.1 29.6% 30.9% -0.8% -1.0% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% -0.5 -0.6 57.8 0.2% 0.0 0.0% 47.3 0.0 0.0% 57.8 50.1 47.3 47.3 32.1% 61.0 -0.6 -1.0% 32.1% 57.5 57.7 0.3% 32.1% 49.8 50.0 0.2 0.4% 32.1% 47.2 47.3 0.1 0.2% 33.3% 61.0 60.3 -0.7 -1.1% 33.3% 57.4 57.6 0.3% 33.3% 49.8 0.1 0.2% 33.3% 47.0 0.0 0.0% 34.6% 60.8 -0.5 -0.8% 34.6% 57.4 57.6 0.2 0.3% 34.6% 49.8 49.8 0.0 0.0% 34.6% 46.9 47.0 0.1 0.2% 35.8% -0.8% 35.8% 57.5 35.8% -0.1 -0.2% 35.8% 0.3% 0.2% 37.0% 60.6 60.2 -0.4 -0.7%37.0% 57.3 57.4 0.2% 37.0% 49.7 49.7 0.0 0.0% 37.0% 46.8 46.9 0.1 0.2% 38.3% 60.5 -0.5% 38.3% 57.3 38.3% 0.4% 38.3% 57.1 49.5 49.7 46.8 0.0% 39.5% 60.4 59.9 -0.5 -0.8% 39.5% 57.1 57.3 0.2 0.4% 39.5% 49.5 49.5 0.0 0.0% 39.5% 46.8 46.7 -0.1 -0.2% 40.7% 60.2 59.9 -0.3 -0.5% 40.7% 57.0 57.2 0.4% 40.7% 49.5 49.5 0.0 0.0% 40.7% 46.8 46.7 -0.1 -0.2% 42.0% 60.0 59.8 -0.2-0.3% 42.0% 57.0 57.1 0.2% 42.0% 49.4 49.5 0.1 0.2% 42.0% 46.7 46.7 0.0 0.0% 43.2% 60.0 59.7 -0.3 -0.5% 43.2% 57.0 57.1 0.1 0.2% 43.2% 49.3 49.5 0.2 0.4% 43.2% 46.7 46.6 -0.1 -0.2% 44.4% 59.9 59.7 -0.3% 44.4% 57.0 57.1 0.2% 44.4% 49.2 49.4 0.4% 44.4% 46.5 46.4 -0.1 -0.2% 45.7% 45.7% 45.7% 59.9 59.6 -0.3 -0.5% 56.7 57.0 0.3 0.5% 49.2 49.3 0.1 0.2% 45.7% 46.5 46.4 -0.1 -0.2% 46.9% 59.8 59.6 -0.3% 46.9% 56.7 57.0 0.5% 46.9% 49.2 49.3 0.2% 46.9% 46.5 46.4 -0.1-0.2% 48.1% 49.4% 59.7 59.5 -0.2 -0.3% 48.1% 56.6 56.7 0.1 0.2% 48.1% 49.2 49.3 0.1 0.2% 48.1% 46.3 46.3 0.0 0.0% 59.6 -0.3% 49.4% 56.5 56.7 0.4% 49.4% 49.2 49.3 0.2% 49.4% 46.2 46.2 0.0 0.0% 50.6% 50.6% 50.6% 59.6 59.4 -0.2 -0.3% 56.5 56.7 0.2 0.4% 49.1 49.2 0.1 0.2% 50.6% 46.2 46.2 0.0 0.0% -0.2% -0.3% -0.3% 51.9% 59.4 59.3 -0.151.9% 0.0% 49.1 49.2 0.2% 51.9% 53.1% 46.2 46.2 0.0 0.0% 53.1% 53.1% 53.1% -0.2 56.4 0.0 0.2 0.0 59.4 592 56.4 0.0% 49.0 492 46.2 46.2 0.0% 55.6% 56.8% 55.6% 55.6% 55.6% 59.3 59.2 -0.1 -0.2% 56.2 56.4 0.2 0.4% 48.9 49.1 0.2 0.4% 46.1 45.9 -0.2 -0.4% 58.0% 58.0% 58.0% 59.1 59.0 -0.1 -0.2% 56.1 56.3 0.2 0.4% 48.9 49.0 0.1 0.2% 58.0% 45.9 45.8 -0.1 -0.2% 60.5% 60.5% 60.5% 59.0 59.0 0.0 0.0% 56.0 56.2 0.2 0.4% 48.7 48.9 0.2 0.4% 60.5% 45.7 45.7 0.0 0.0% 61.7% -0.2% 61.7% 45.6 63.0% 63.0% 63.0% 58.9 0.2 63.0% 58.9 0.0 0.0% 55.9 56.1 0.2 0.4% 48.6 48.8 0.4% 45.6 45.6 0.0 0.0% 64.2% 65.4% 58.8 58.8 -0.2% 64.2% 65.4% 64.2% 65.4% 64.2% 65.4% 45.6 45.4 45.5 45.4 -0.1 0.0 58.8 0.0 55.9 0.1 0.2% 48.6 0.1 0.0% 55.8 48.5 0.2% 0.0% 66.7% 67.9% 0.0% 66.7% 67.9% 0.2% 66.7% 67.9% 66.7% 67.9% 58.7 0.0 55.9 48.5 48.6 0.2% 45.3 -0.1 0.0 -0.2% 58.7 58.7 55.8 0.0 55.8 0.0 48.5 48.5 0.0% 45.3 45.3 0.0% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% -0.2% 55.8 48.5 45.3 45.3 58.6 45.3 0.0 58.7 -0.1 -0.2% 55.6 55.8 0.2 0.4% 48.4 48.5 0.1 0.2% 45.3 0.0% 71.6% 58.6 58.5 -0.2% -0.2% 71.6% 55.7 0.2% 71.6% 48.4 48 3 -0.1 -0.2 -0.2% 71.6% 45.3 45.2 -0.1 0.0 -0.2% 72.8% 58.6 58.5 -0.1 72.8% 55.5 55.7 0.2 0.4% 72.8% 48.4 48.2 -0.4% 72.8% 45.2 45.2 0.0% 74.1% 75.3% -0.2% -0.2% 74.1% 75.3% 45.1 45.0 74.1% 0.5% 74.1% 0.1 0.2% 0.0 0.0% 75.3% 0.2% 75.3% 76.5% 58.5 -0.2% 76.5% 55.2 55.5 0.5% 76.5% 47.7 47.9 0.2 0.4% 76.5% 45.0 45.0 0.0 0.0% 77.8% -0.3% 77.8% 77.8% 0.3 77.8% 0.1 0.2% 55.2 0.4% 0.6% 45.0 79.0% 58.3 58.2 -0.1 -0.2% 79.0% 55.1 55.2 0.2% 79.0% 47.5 47.6 0.2% 79.0% 44.8 45.0 0.2 0.4% 80.2% 58.2 0.0% 80.2% 55.1 80.2% 47.5 0.1 80.2% 44.9 0.2% 47.6 0.2% 44.8 0.2% 81.5% 58.2 58.2 0.0 0.0% 81.5% 54.8 54.9 0.2% 81.5% 47.5 47.6 0.2% 81.5% 44.7 44.8 0.1 0.2% 82.7% 82.7% 58.2 58.1 -0.1 -0.2% 82.7% 54.9 0.2% 47.4 47.5 0.1 0.2% 82.7% 44.7 44.8 0.1 0.2% 84.0% 58.1 58.1 0.0% 84.0% 54.7 54.7 0.0% 84.0% 47.2 47.5 0.6% 84.0% 44.7 44.7 0.0 0.0% 85.2% 58.1 58.0 -0.1 -0.2% 85.2% 54.6 54.7 0.1 0.2% 85.2% 47.1 47.5 0.4 0.8% 85.2% 44.4 44.6 0.2 0.5% 86.4% 58.0 0.0% 86.4% 54.6 0.2% 86.4% 46.9 47.4 1.1% 86.4% 44.4 44.5 0.1 0.2% 87.7% 58.0 58.0 0.0 0.0% 87.7% 54.4 54.5 0.1 0.2% 87.7% 46.3 46.8 0.5 1.1% 87.7% 44.4 44.5 0.1 0.2% 88.9% 58.0 58.0 0.0 0.0% 88.9% 54.3 54.5 0.2 0.4% 88.9% 46.2 46.6 0.4 0.9% 88.9% 44.2 44.4 0.2 0.5% 90.1% 58.0 57.9 -0.1 -0.2% 90.1% 54.1 54.4 0.3 0.6% 90.1% 46.1 46.1 0.0 0.0% 90.1% 44.1 44.1 0.0 0.0% 91.4% 57.9 57.6 57.8 57.6 -0.2% 91.4% 54.2 54.0 91.4% 46.0 91.4% 43.6 43.8 0.2 91.4% 92.6% 92.6% 0.0 0.0% 53.9 0.1 0.2% 45.8 46.1 0.3 0.7% 92.6% 43.5 43.7 0.5% 93.8% 0.0 53.7 1.1% 93.8% 0.2 57.6 57.6 0.0% 93.8% 53.8 -0.1-0.2% 93.8% 45.6 46.1 0.5 43.2 43.4 0.5% 95.1% 95.1% 95.1% 95.1% 57.5 57.5 0.0 0.0% 52.8 53.1 0.3 0.6% 45.6 46.0 0.4 0.9% 43.2 43.2 0.0 0.0% 96.3% 57.5 57.4 57.2 57.2 -0.3-0.5% 96.3% 97.5% 52.5 -0.2% 96.3% 97.5% 45.5 -0.1 0.4% 96.3% 97.5% 43.0 43.0 0.0 0.0% 97.5% 52.5 0.0 0.0% -0 2 -0.3% 52.6 -0.1 -0.2% 45.4 453 -0.2% 423 423 -0.3% -0.4% 98.8% 0.0% 100.0% 100.0% 100.0% 100.0% 57.3 57.1 -0.2 -0.3% 52.5 51.8 -0.7 -1.3% 44.8 44.6 -0.2 -0.4% 41.8 41.8 0.0 0.0%

Table SQ-19-7b

American River at Watt Avenue, Monthly Temperature
Probability of Exceedance

									Probability	of Exceedance					-				
Percent		February			Percent		March			Percent		April			Percent		May		
Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative
Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
0.0%	(DEG-F) 53.6	(DEG-F) 53.7	0.1	0.2%	(%) 0.0%	(DEG-F) 59.9	(DEG-F) 60.4	0.5	0.8%	(%) 0.0%	(DEG-F) 64.5	(DEG-F) 64.6	0.1	0.2%	0.0%	(DEG-F) 73.5	(DEG-F) 73.3	-0.2	-0.3%
1.2%	53.1	53.1	0.0	0.0%	1.2%	58.6	58.5	-0.1	-0.2%	1.2%	64.2	64.3	0.1	0.2%	1.2%	70.9	71.0	0.1	0.1%
2.5%	52.9	53.1	0.2	0.4%	2.5%	58.2	58.3	0.1	0.2%	2.5%	64.1	64.0	-0.1	-0.2%	2.5%	69.9	70.0	0.1	0.1%
3.7%	52.7 52.6	52.9 52.6	0.2	0.4%	3.7% 4.9%	58.0 57.9	58.2 58.0	0.2	0.3%	3.7% 4.9%	64.0 63.7	63.7 63.6	-0.3 -0.1	-0.5% -0.2%	3.7% 4.9%	69.8 68.3	69.7 68.7	-0.1 0.4	-0.1% 0.6%
6.2%	52.3	52.6	0.3	0.6%	6.2%	57.8	57.8	0.0	0.0%	6.2%	62.8	63.2	0.4	0.6%	6.2%	67.9	68.3	0.4	0.6%
7.4%	52.0	52.1	0.1	0.2%	7.4%	57.8	57.8	0.0	0.0%	7.4%	62.7	62.4	-0.3	-0.5%	7.4%	67.9	67.8	-0.1	-0.1%
8.6% 9.9%	51.8 51.7	51.8 51.6	0.0 -0.1	0.0% -0.2%	8.6% 9.9%	56.9 56.7	57.3 57.2	0.4 0.5	0.7% 0.9%	8.6% 9.9%	62.3 62.0	61.9 61.9	-0.4 -0.1	-0.6% -0.2%	8.6% 9.9%	67.3 67.3	67.6 66.7	0.3 -0.6	0.4% -0.9%
11.1%	51.6	51.5	-0.1	-0.2%	11.1%	56.6	56.6	0.0	0.0%	11.1%	62.0	61.9	-0.1	-0.2%	11.1%	67.1	66.6	-0.5	-0.5%
12.3%	51.3	51.5	0.2	0.4%	12.3%	56.3	56.3	0.0	0.0%	12.3%	61.7	61.6	-0.1	-0.2%	12.3%	66.9	66.5	-0.4	-0.6%
13.6%	51.2	51.2	0.0	0.0%	13.6%	55.8	55.8	0.0	0.0%	13.6%	61.6	61.6	0.0	0.0%	13.6%	66.4	66.3	-0.1	-0.2%
14.8% 16.0%	50.9 50.7	51.1 50.7	0.2	0.4%	14.8% 16.0%	55.7 55.7	55.7 55.5	0.0 -0.2	0.0%	14.8% 16.0%	61.6 61.4	61.3 61.1	-0.3 -0.3	-0.5% -0.5%	14.8% 16.0%	66.4 66.3	66.2 66.1	-0.2 -0.2	-0.3% -0.3%
17.3%	50.5	50.6	0.1	0.2%	17.3%	55.3	55.3	0.0	0.0%	17.3%	61.2	61.0	-0.2	-0.3%	17.3%	65.6	65.7	0.1	0.2%
18.5%	50.3	50.5	0.2	0.4%	18.5%	55.2	55.3	0.1	0.2%	18.5%	61.0	60.9	-0.1	-0.2%	18.5%	65.6	65.6	0.0	0.0%
19.8% 21.0%	50.1 50.1	50.1 50.1	0.0	0.0%	19.8% 21.0%	55.2 55.1	55.2 55.1	0.0	0.0%	19.8% 21.0%	60.8 60.7	60.9 60.7	0.1	0.2% 0.0%	19.8% 21.0%	65.6 65.6	65.6 65.6	0.0	0.0%
22.2%	50.0	50.0	0.0	0.0%	22.2%	55.0	55.1	0.0	0.0%	22.2%	60.7	60.7	0.0	0.0%	22.2%	65.5	65.2	-0.3	-0.5%
23.5%	49.9	50.0	0.1	0.2%	23.5%	54.9	55.1	0.2	0.4%	23.5%	60.6	60.7	0.1	0.2%	23.5%	65.4	65.2	-0.2	-0.3%
24.7%	49.9	49.8	-0.1	-0.2%	24.7%	54.9	55.1	0.2	0.4%	24.7%	60.5	60.6	0.1	0.2%	24.7%	65.2	65.2	0.0	0.0%
25.9% 27.2%	49.8 49.7	49.8 49.7	0.0	0.0%	25.9% 27.2%	54.8 54.7	54.9 54.8	0.1 0.1	0.2% 0.2%	25.9% 27.2%	60.5 60.2	60.5 60.2	0.0	0.0%	25.9% 27.2%	65.1 65.0	65.2 65.0	0.1	0.2%
28.4%	49.6	49.6	0.0	0.0%	28.4%	54.5	54.6	0.1	0.2%	28.4%	60.1	60.1	0.0	0.0%	28.4%	65.0	64.9	-0.1	-0.2%
29.6%	49.6	49.5	-0.1	-0.2%	29.6%	54.5	54.5	0.0	0.0%	29.6%	59.8	60.1	0.3	0.5%	29.6%	65.0	64.7	-0.3	-0.5%
30.9% 32.1%	49.5 49.3	49.3 49.2	-0.2	-0.4%	30.9% 32.1%	54.5 54.4	54.5 54.4	0.0	0.0%	30.9% 32.1%	59.6 59.4	59.8 59.4	0.2	0.3%	30.9% 32.1%	64.9 64.8	64.7 64.6	-0.2 -0.2	-0.3%
33.3%	49.2	49.1	-0.1 -0.1	-0.2% -0.2%	33.3%	54.4	54.4	0.0	0.0%	33.3%	59.3	59.3	0.0	0.0%	33.3%	64.7	64.5	-0.2	-0.3% -0.3%
34.6%	49.2	49.1	-0.1	-0.2%	34.6%	54.4	54.4	0.0	0.0%	34.6%	59.2	59.2	0.0	0.0%	34.6%	64.5	64.4	-0.1	-0.2%
35.8%	49.1	49.0	-0.1	-0.2%	35.8%	54.2	54.3	0.1	0.2%	35.8%	59.2	59.2	0.0	0.0%	35.8%	64.4	64.4	0.0	0.0%
37.0% 38.3%	49.0 49.0	49.0 48.9	0.0 -0.1	-0.2%	37.0% 38.3%	54.2 54.2	54.3 54.2	0.1	0.2%	37.0% 38.3%	59.0 59.0	59.0 58.8	0.0 -0.2	0.0%	37.0% 38.3%	63.8 63.7	63.8 63.7	0.0	0.0%
39.5%	49.0	48.9	-0.1	-0.2%	39.5%	54.1	54.2	0.0	0.0%	39.5%	58.8	58.8	0.0	0.0%	39.5%	63.6	63.4	-0.2	-0.3%
40.7%	48.9	48.9	0.0	0.0%	40.7%	54.1	54.1	0.0	0.0%	40.7%	58.8	58.7	-0.1	-0.2%	40.7%	63.4	63.4	0.0	0.0%
42.0% 43.2%	48.9 48.8	48.8 48.8	-0.1 0.0	-0.2% 0.0%	42.0% 43.2%	53.9 53.8	54.0 53.9	0.1 0.1	0.2% 0.2%	42.0% 43.2%	58.7 58.5	58.5 58.4	-0.2 -0.1	-0.3% -0.2%	42.0% 43.2%	63.2 63.2	63.2 63.0	0.0 -0.2	0.0%
43.2%	46.6 48.7	46.6	0.0	0.0%	43.2%	53.6	53.9	0.1	0.2%	44.4%	58.4	56.4 58.4	0.0	0.0%	43.2%	63.0	63.0	0.0	0.0%
45.7%	48.7	48.7	0.0	0.0%	45.7%	53.6	53.7	0.1	0.2%	45.7%	58.4	58.4	0.0	0.0%	45.7%	63.0	62.9	-0.1	-0.2%
46.9%	48.6	48.6	0.0	0.0%	46.9%	53.6	53.7	0.1	0.2%	46.9%	58.4	58.4	0.0	0.0%	46.9%	63.0	62.9	-0.1	-0.2%
48.1% 49.4%	48.5 48.4	48.6 48.6	0.1	0.2%	48.1% 49.4%	53.4 53.4	53.6 53.5	0.2	0.4%	48.1% 49.4%	58.3 58.3	58.3 58.3	0.0	0.0%	48.1% 49.4%	62.9 62.6	62.6 62.6	-0.3 0.0	-0.5% 0.0%
50.6%	48.4	48.4	0.0	0.4%	50.6%	53.3	53.4	0.1	0.2%	50.6%	58.3	58.3	0.0	0.0%	50.6%	62.1	62.1	0.0	0.0%
51.9%	48.3	48.3	0.0	0.0%	51.9%	53.3	53.4	0.1	0.2%	51.9%	58.3	58.2	-0.1	-0.2%	51.9%	62.0	62.0	0.0	0.0%
53.1% 54.3%	48.2 48.2	48.2 48.1	0.0 -0.1	0.0%	53.1% 54.3%	53.2 53.1	53.3 53.1	0.1	0.2%	53.1% 54.3%	58.0 57.9	57.9 57.7	-0.1 -0.2	-0.2% -0.3%	53.1% 54.3%	61.9 61.9	61.9 61.9	0.0	0.0%
55.6%	48.1	48.1	0.0	0.0%	55.6%	53.1	53.1	0.0	0.0%	55.6%	57.7	57.7	0.0	0.0%	55.6%	61.8	61.9	0.0	0.2%
56.8%	48.1	48.1	0.0	0.0%	56.8%	52.9	52.9	0.0	0.0%	56.8%	57.6	57.6	0.0	0.0%	56.8%	61.8	61.8	0.0	0.0%
58.0%	48.1	48.0	-0.1	-0.2%	58.0%	52.7	52.7	0.0	0.0%	58.0%	57.6	57.6	0.0	0.0%	58.0%	61.6	61.7	0.1	0.2%
59.3% 60.5%	48.0 48.0	48.0 48.0	0.0	0.0%	59.3% 60.5%	52.6 52.5	52.6 52.6	0.0	0.0%	59.3% 60.5%	57.5 57.4	57.5 57.4	0.0	0.0%	59.3% 60.5%	61.5 61.4	61.4 61.3	-0.1 -0.1	-0.2% -0.2%
61.7%	48.0	48.0	0.0	0.0%	61.7%	52.4	52.4	0.0	0.0%	61.7%	57.3	57.3	0.0	0.0%	61.7%	61.3	61.3	0.0	0.0%
63.0%	48.0	47.9	-0.1	-0.2%	63.0%	52.4	52.4	0.0	0.0%	63.0%	57.3	57.3	0.0	0.0%	63.0%	61.3	61.3	0.0	0.0%
64.2% 65.4%	48.0 47.9	47.9 47.9	-0.1 0.0	-0.2% 0.0%	64.2% 65.4%	52.4 52.3	52.4 52.4	0.0 0.1	0.0% 0.2%	64.2% 65.4%	57.2 56.8	57.2 56.9	0.0 0.1	0.0% 0.2%	64.2% 65.4%	61.2 61.2	61.2 61.2	0.0	0.0%
66.7%	47.8	47.9	0.1	0.2%	66.7%	52.3	52.3	0.0	0.0%	66.7%	56.8	56.8	0.0	0.0%	66.7%	61.1	61.1	0.0	0.0%
67.9%	47.8	47.8	0.0	0.0%	67.9%	52.3	52.3	0.0	0.0%	67.9%	56.7	56.4	-0.3	-0.5%	67.9%	61.0	61.0	0.0	0.0%
69.1% 70.4%	47.8 47.8	47.8 47.7	0.0 -0.1	0.0% -0.2%	69.1% 70.4%	52.2 52.1	52.2 52.1	0.0	0.0%	69.1% 70.4%	56.4 56.3	56.3 56.3	-0.1 0.0	-0.2% 0.0%	69.1% 70.4%	60.7 60.7	60.7 60.7	0.0	0.0%
70.4%	47.6	47.6	-0.1	-0.2%	70.4%	52.1	52.1	0.0	0.0%	70.4%	56.2	56.2	0.0	0.0%	70.4%	60.6	60.6	0.0	0.0%
72.8%	47.6	47.6	0.0	0.0%	72.8%	51.9	51.9	0.0	0.0%	72.8%	56.2	56.2	0.0	0.0%	72.8%	60.6	60.6	0.0	0.0%
74.1%	47.6	47.6	0.0	0.0%	74.1%	51.7	51.7	0.0	0.0%	74.1%	56.1	56.1 56.1	0.0	0.0%	74.1%	60.5	60.4	-0.1	-0.2%
75.3% 76.5%	47.6 47.5	47.5 47.4	-0.1 -0.1	-0.2% -0.2%	75.3% 76.5%	51.7 51.7	51.7 51.7	0.0	0.0%	75.3% 76.5%	56.1 56.0	56.1 56.0	0.0	0.0%	75.3% 76.5%	60.4 60.4	60.4 60.4	0.0	0.0%
77.8%	47.4	47.4	0.0	0.0%	77.8%	51.6	51.7	0.1	0.2%	77.8%	56.0	56.0	0.0	0.0%	77.8%	60.3	60.3	0.0	0.0%
79.0%	47.4	47.4	0.0	0.0%	79.0%	51.6	51.6	0.0	0.0%	79.0%	55.8	55.9	0.1	0.2%	79.0%	60.1	60.2	0.1	0.2%
80.2% 81.5%	47.3 47.3	47.4 47.3	0.1	0.2%	80.2% 81.5%	51.6 51.5	51.6 51.5	0.0	0.0%	80.2% 81.5%	55.6 55.5	55.7 55.6	0.1 0.1	0.2% 0.2%	80.2% 81.5%	60.1 59.8	60.1 59.8	0.0	0.0%
82.7%	47.3	47.3 47.2	-0.1	-0.2%	82.7%	51.5	51.5	0.0	0.0%	82.7%	55.4	55.5	0.1	0.2%	82.7%	59.7	59.7	0.0	0.0%
84.0%	47.3	47.1	-0.2	-0.4%	84.0%	51.5	51.5	0.0	0.0%	84.0%	55.3	55.4	0.1	0.2%	84.0%	59.7	59.7	0.0	0.0%
85.2%	47.1	47.1 46.8	0.0	0.0%	85.2%	51.4 51.3	51.4 51.3	0.0	0.0%	85.2%	55.2	55.3	0.1	0.2%	85.2%	59.7 59.5	59.7 59.5	0.0	0.0%
86.4% 87.7%	46.8 46.8	46.8 46.8	0.0	0.0%	86.4% 87.7%	51.3 51.3	51.3 51.3	0.0	0.0%	86.4% 87.7%	55.2 55.1	55.2 55.2	0.0	0.0%	86.4% 87.7%	59.5 59.3	59.5 59.3	0.0	0.0%
88.9%	46.6	46.5	-0.1	-0.2%	88.9%	51.3	51.3	0.0	0.0%	88.9%	55.1	55.1	0.0	0.0%	88.9%	59.3	59.3	0.0	0.0%
90.1%	46.5	46.5	0.0	0.0%	90.1%	51.1	51.1	0.0	0.0%	90.1%	55.0	55.1	0.1	0.2%	90.1%	59.2	59.2	0.0	0.0%
91.4% 92.6%	46.5 46.2	46.2 46.2	-0.3 0.0	-0.6% 0.0%	91.4% 92.6%	51.1 51.1	51.1 51.1	0.0	0.0%	91.4% 92.6%	55.0 54.7	55.0 54.7	0.0	0.0%	91.4% 92.6%	59.1 59.0	59.1 59.0	0.0	0.0%
93.8%	46.0	45.9	-0.1	-0.2%	93.8%	50.8	50.8	0.0	0.0%	93.8%	54.6	54.6	0.0	0.0%	93.8%	58.8	58.8	0.0	0.0%
95.1%	45.8	45.8	0.0	0.0%	95.1%	50.8	50.8	0.0	0.0%	95.1%	54.3	54.3	0.0	0.0%	95.1%	58.7	58.7	0.0	0.0%
96.3% 97.5%	45.7 45.6	45.7 45.6	0.0	0.0%	96.3% 97.5%	50.6 50.4	50.6 50.4	0.0	0.0%	96.3% 97.5%	54.1 53.9	54.1 53.9	0.0	0.0%	96.3% 97.5%	58.6 58.5	58.6 58.5	0.0	0.0%
97.5%	45.6 44.7	45.6 44.7	0.0	0.0%	97.5%	50.4	50.4	0.0	0.0%	97.5%	53.9 52.3	53.9 52.3	0.0	0.0%	97.5%	58.5 58.2	58.5 58.2	0.0	0.0%
100.0%	44.7	44.7	0.0	0.0%	100.0%	50.3	50.3	0.0	0.0%	100.0%	52.3	52.3	0.0	0.0%	100.0%	58.2	58.2	0.0	0.0%

Table SQ-19-7b

American River at Watt Avenue, Monthly Temperature
Probability of Exceedance

									Probability	of Exceedance					-				
Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	73.7 73.0	72.9 72.7	-0.8 -0.3	-1.1% -0.4%	0.0%	77.0 76.7	75.4 74.7	-1.6 -2.0	-2.1% -2.6%	0.0%	74.9 73.9	74.9 73.9	0.0	0.0%	0.0%	71.4 70.6	70.5 70.0	-0.9 -0.6	-1.3%
1.2% 2.5%	73.0	72.5	-0.5	-0.4%	1.2% 2.5%	76.7	74.7	-0.2	-2.6%	1.2% 2.5%	73.7	73.5	-0.2	-0.3%	1.2% 2.5%	70.6	69.7	-0.8	-0.8% -1.1%
3.7%	72.8	72.4	-0.4	-0.5%	3.7%	74.2	74.2	0.0	0.0%	3.7%	73.4	73.1	-0.3	-0.4%	3.7%	69.9	69.6	-0.3	-0.4%
4.9%	72.1	72.3	0.2	0.3%	4.9%	73.4	73.3	-0.1	-0.1%	4.9%	73.3	73.1	-0.2	-0.3%	4.9%	69.9	69.4	-0.5	-0.7%
6.2%	72.1	71.7	-0.4	-0.6%	6.2%	73.0	72.9	-0.1	-0.1%	6.2%	73.2	72.7	-0.5	-0.7%	6.2%	69.5	69.4	-0.1	-0.1%
7.4%	72.0	71.5	-0.5	-0.7%	7.4%	71.9	72.2	0.3	0.4%	7.4%	73.0	72.3	-0.7	-1.0%	7.4%	69.5	69.2	-0.3	-0.4%
8.6% 9.9%	72.0 71.9	71.5 71.3	-0.5 -0.6	-0.7% -0.8%	8.6% 9.9%	71.5 71.2	71.7 71.3	0.2	0.3%	8.6% 9.9%	72.9 72.5	72.2 72.1	-0.7 -0.4	-1.0% -0.6%	8.6% 9.9%	69.3 69.3	69.1 69.1	-0.2 -0.2	-0.3% -0.3%
11.1%	71.6	71.1	-0.5	-0.7%	11.1%	71.1	71.2	0.1	0.1%	11.1%	72.4	71.5	-0.4	-1.2%	11.1%	69.2	68.9	-0.3	-0.4%
12.3%	71.3	71.0	-0.3	-0.4%	12.3%	71.0	71.0	0.0	0.0%	12.3%	71.8	71.5	-0.3	-0.4%	12.3%	69.0	68.8	-0.2	-0.3%
13.6%	71.3	71.0	-0.3	-0.4%	13.6%	70.8	70.9	0.1	0.1%	13.6%	71.7	71.4	-0.3	-0.4%	13.6%	68.9	68.8	-0.1	-0.1%
14.8%	71.0	70.9	-0.1	-0.1%	14.8%	70.8	70.9	0.1	0.1%	14.8%	71.6	71.4	-0.2	-0.3%	14.8%	68.8	68.7	-0.1	-0.1%
16.0% 17.3%	71.0 70.8	70.9 70.9	-0.1 0.1	-0.1% 0.1%	16.0% 17.3%	70.7 70.5	70.7 70.5	0.0	0.0%	16.0% 17.3%	71.4 71.4	71.4 71.3	0.0 -0.1	0.0%	16.0% 17.3%	68.8 68.7	68.7 68.7	-0.1 0.0	-0.1% 0.0%
18.5%	70.8	70.9	0.1	0.1%	17.5%	70.5	70.5	-0.1	-0.1%	18.5%	71.4	71.0	-0.1	-0.1%	18.5%	68.5	68.5	0.0	0.0%
19.8%	70.6	70.5	-0.1	-0.1%	19.8%	70.4	70.1	-0.1	-0.1%	19.8%	71.2	70.7	-0.5	-0.7%	19.8%	68.5	68.5	0.0	0.0%
21.0%	70.5	70.5	0.0	0.0%	21.0%	70.0	70.1	0.1	0.1%	21.0%	71.2	70.6	-0.6	-0.8%	21.0%	68.4	68.4	0.0	0.0%
22.2%	69.7	70.4	0.7	1.0%	22.2%	69.9	70.0	0.1	0.1%	22.2%	71.2	70.6	-0.6	-0.8%	22.2%	68.4	68.3	-0.1	-0.1%
23.5%	69.5	69.5	0.0	0.0%	23.5%	69.7	70.0	0.3	0.4%	23.5%	71.0	70.6	-0.4	-0.6%	23.5%	68.4	68.3	-0.1	-0.1%
24.7% 25.9%	69.3 69.2	69.4 69.4	0.1 0.2	0.1%	24.7% 25.9%	69.6 69.6	69.9 69.9	0.3	0.4%	24.7% 25.9%	71.0 70.8	70.4 70.4	-0.6 -0.4	-0.8% -0.6%	24.7% 25.9%	68.3 68.2	68.2 68.2	-0.1 0.0	-0.1% 0.0%
27.2%	69.2	69.4	0.2	0.3%	27.2%	69.6	69.7	0.3	0.1%	27.2%	70.7	70.4	-0.4	-0.4%	27.2%	68.2	68.0	-0.2	-0.3%
28.4%	69.1	69.2	0.1	0.1%	28.4%	69.5	69.6	0.1	0.1%	28.4%	70.6	70.3	-0.3	-0.4%	28.4%	68.1	68.0	-0.1	-0.1%
29.6%	68.9	69.1	0.2	0.3%	29.6%	69.3	69.6	0.3	0.4%	29.6%	70.6	70.0	-0.6	-0.8%	29.6%	68.0	67.9	-0.1	-0.1%
30.9%	68.7	69.0	0.3	0.4%	30.9%	69.3	69.5	0.2	0.3%	30.9%	70.6	69.9	-0.7	-1.0%	30.9%	67.9	67.8	-0.1	-0.1%
32.1% 33.3%	68.7 68.6	68.7 68.7	0.0	0.0%	32.1% 33.3%	69.2 69.2	69.5 69.5	0.3	0.4%	32.1% 33.3%	70.6	69.9 69.8	-0.7 -0.7	-1.0%	32.1% 33.3%	67.9 67.8	67.7 67.5	-0.2 -0.3	-0.3% -0.4%
34.6%	68.5	68.6	0.1 0.1	0.1%	34.6%	69.2	69.4	0.3	0.4%	34.6%	70.5 70.5	69.8	-0.7	-1.0% -1.0%	34.6%	67.8	67.4	-0.3	-0.6%
35.8%	68.4	68.4	0.0	0.0%	35.8%	69.0	69.4	0.4	0.6%	35.8%	70.3	69.8	-0.5	-0.7%	35.8%	67.8	67.1	-0.7	-1.0%
37.0%	68.0	68.4	0.4	0.6%	37.0%	68.9	69.3	0.4	0.6%	37.0%	70.1	69.7	-0.4	-0.6%	37.0%	67.4	67.0	-0.4	-0.6%
38.3%	67.9	68.3	0.4	0.6%	38.3%	68.9	69.3	0.4	0.6%	38.3%	70.1	69.7	-0.4	-0.6%	38.3%	67.4	66.9	-0.5	-0.7%
39.5%	67.9	68.2	0.3	0.4%	39.5%	68.9	69.2	0.3	0.4%	39.5% 40.7%	69.8	69.6	-0.2	-0.3%	39.5%	67.4	66.9	-0.5	-0.7%
40.7% 42.0%	67.8 67.8	68.1 68.0	0.3 0.2	0.4%	40.7% 42.0%	68.7 68.7	69.2 69.2	0.5 0.5	0.7% 0.7%	40.7% 42.0%	69.6 69.5	69.5 69.5	-0.1 0.0	-0.1% 0.0%	40.7% 42.0%	67.3 67.3	66.9 66.9	-0.4 -0.4	-0.6% -0.6%
43.2%	67.6	68.0	0.4	0.6%	43.2%	68.6	69.1	0.5	0.7%	43.2%	69.2	69.4	0.2	0.3%	43.2%	67.3	66.8	-0.5	-0.7%
44.4%	67.6	68.0	0.4	0.6%	44.4%	68.6	69.1	0.5	0.7%	44.4%	69.2	69.4	0.2	0.3%	44.4%	67.2	66.8	-0.4	-0.6%
45.7%	67.2	67.8	0.6	0.9%	45.7%	68.6	69.1	0.5	0.7%	45.7%	69.1	69.4	0.3	0.4%	45.7%	67.1	66.8	-0.3	-0.4%
46.9%	67.1	67.8	0.7	1.0%	46.9%	68.4	69.1	0.7	1.0%	46.9%	69.1	69.3	0.2	0.3%	46.9%	66.9	66.7	-0.2	-0.3%
48.1% 49.4%	67.1 67.0	67.5 67.2	0.4	0.6%	48.1% 49.4%	68.4 68.4	69.0 69.0	0.6 0.6	0.9%	48.1% 49.4%	69.0 69.0	69.1 69.1	0.1	0.1% 0.1%	48.1% 49.4%	66.9 66.7	66.7 66.6	-0.2 -0.1	-0.3% -0.1%
50.6%	66.9	67.1	0.2	0.3%	50.6%	68.3	68.9	0.6	0.9%	50.6%	69.0	69.1	0.1	0.1%	50.6%	66.6	66.6	0.0	0.0%
51.9%	66.8	67.1	0.3	0.4%	51.9%	68.0	68.8	0.8	1.2%	51.9%	69.0	69.1	0.1	0.1%	51.9%	66.6	66.6	0.0	0.0%
53.1%	66.8	67.1	0.3	0.4%	53.1%	68.0	68.7	0.7	1.0%	53.1%	68.8	69.1	0.3	0.4%	53.1%	66.5	66.6	0.1	0.2%
54.3%	66.8	67.1	0.3	0.4%	54.3%	68.0	68.7	0.7	1.0%	54.3%	68.8	69.0	0.2	0.3%	54.3%	66.5	66.5	0.0	0.0%
55.6% 56.8%	66.7 66.4	67.0 66.9	0.3 0.5	0.4%	55.6% 56.8%	68.0 68.0	68.6 68.6	0.6 0.6	0.9%	55.6% 56.8%	68.8 68.8	69.0 69.0	0.2 0.2	0.3%	55.6% 56.8%	66.5 66.4	66.5 66.5	0.0 0.1	0.0% 0.2%
58.0%	66.3	66.8	0.5	0.8%	58.0%	68.0	68.5	0.5	0.7%	58.0%	68.7	68.9	0.2	0.3%	58.0%	66.4	66.4	0.0	0.2%
59.3%	66.2	66.3	0.1	0.2%	59.3%	68.0	68.5	0.5	0.7%	59.3%	68.7	68.9	0.2	0.3%	59.3%	66.3	66.4	0.1	0.2%
60.5%	66.2	66.3	0.1	0.2%	60.5%	68.0	68.4	0.4	0.6%	60.5%	68.7	68.8	0.1	0.1%	60.5%	66.3	66.4	0.1	0.2%
61.7%	66.2	66.3	0.1	0.2%	61.7%	68.0	68.4	0.4	0.6%	61.7%	68.7	68.8	0.1	0.1%	61.7%	66.3	66.4	0.1	0.2%
63.0% 64.2%	65.8 65.8	65.8 65.8	0.0	0.0%	63.0% 64.2%	67.9 67.8	68.2 68.1	0.3	0.4%	63.0% 64.2%	68.6 68.6	68.8 68.7	0.2	0.3%	63.0% 64.2%	66.3 66.3	66.3 66.3	0.0	0.0%
65.4%	65.7	65.7	0.0	0.0%	65.4%	67.8	68.1	0.3	0.4%	65.4%	68.6	68.7	0.1	0.1%	65.4%	66.2	66.3	0.0	0.0%
66.7%	65.6	65.5	-0.1	-0.2%	66.7%	67.7	67.9	0.2	0.3%	66.7%	68.6	68.7	0.1	0.1%	66.7%	66.2	66.3	0.1	0.2%
67.9%	65.4	65.4	0.0	0.0%	67.9%	67.7	67.9	0.2	0.3%	67.9%	68.5	68.6	0.1	0.1%	67.9%	66.2	66.2	0.0	0.0%
69.1%	65.3	65.3	0.0	0.0%	69.1%	67.7	67.9	0.2	0.3%	69.1%	68.5	68.6	0.1	0.1%	69.1%	66.2	66.2	0.0	0.0%
70.4% 71.6%	65.3 65.1	65.3 65.1	0.0	0.0%	70.4% 71.6%	67.7 67.5	67.9 67.8	0.2	0.3%	70.4% 71.6%	68.2 68.1	68.5 68.5	0.3	0.4%	70.4% 71.6%	66.2 66.2	66.1 66.1	-0.1 -0.1	-0.2% -0.2%
71.6%	65.1	65.0	-0.1	-0.2%	71.6%	67.5	67.8	0.3	0.4%	71.6%	68.0	68.4	0.4	0.6%	71.6%	66.1	66.1	-0.1	0.0%
74.1%	65.0	65.0	0.0	0.0%	74.1%	67.5	67.7	0.2	0.3%	74.1%	68.0	68.4	0.4	0.6%	74.1%	66.1	66.1	0.0	0.0%
75.3%	64.9	64.9	0.0	0.0%	75.3%	67.5	67.7	0.2	0.3%	75.3%	67.9	68.4	0.5	0.7%	75.3%	66.0	66.1	0.1	0.2%
76.5%	64.7	64.7	0.0	0.0%	76.5%	67.5	67.6	0.1	0.1%	76.5%	67.9	68.3	0.4	0.6%	76.5%	66.0	66.0	0.0	0.0%
77.8% 79.0%	64.7 64.7	64.7 64.7	0.0	0.0%	77.8% 79.0%	67.5 67.4	67.5 67.5	0.0	0.0%	77.8% 79.0%	67.9 67.9	68.2 68.2	0.3	0.4%	77.8% 79.0%	66.0 66.0	65.9 65.9	-0.1 -0.1	-0.2% -0.2%
80.2%	64.3	64.7	0.0	0.0%	80.2%	67.4	67.4	0.0	0.0%	80.2%	67.8	68.2	0.3	0.6%	80.2%	65.9	65.8	-0.1	-0.2%
81.5%	64.2	64.2	0.0	0.0%	81.5%	67.4	67.3	-0.1	-0.1%	81.5%	67.7	67.9	0.4	0.8%	81.5%	65.9	65.8	-0.1	-0.2%
82.7%	63.9	63.9	0.0	0.0%	82.7%	67.4	67.3	-0.1	-0.1%	82.7%	67.6	67.6	0.0	0.0%	82.7%	65.9	65.8	-0.1	-0.2%
84.0%	63.9	63.9	0.0	0.0%	84.0%	67.3	67.3	0.0	0.0%	84.0%	67.6	67.6	0.0	0.0%	84.0%	65.8	65.7	-0.1	-0.2%
85.2%	63.8	63.8	0.0	0.0%	85.2%	67.2	67.2	0.0	0.0%	85.2%	67.5	67.5	0.0	0.0%	85.2%	65.6	65.7	0.1	0.2%
86.4% 87.7%	63.8 63.7	63.8 63.7	0.0	0.0%	86.4% 87.7%	67.2 67.2	67.2 67.2	0.0	0.0%	86.4% 87.7%	67.5 67.4	67.5 67.4	0.0	0.0%	86.4% 87.7%	65.6 65.6	65.7 65.6	0.1	0.2%
88.9%	63.7	63.7	0.0	0.0%	88.9%	67.2	67.2	0.0	0.0%	88.9%	67.4	67.4	0.0	0.0%	88.9%	65.5	65.6	0.0	0.0%
90.1%	63.7	63.7	0.0	0.0%	90.1%	67.1	67.1	0.0	0.0%	90.1%	67.3	67.3	0.0	0.0%	90.1%	65.3	65.5	0.1	0.3%
91.4%	63.7	63.7	0.0	0.0%	91.4%	67.1	67.1	0.0	0.0%	91.4%	67.3	67.2	-0.1	-0.1%	91.4%	65.3	65.5	0.2	0.3%
92.6%	63.5	63.5	0.0	0.0%	92.6%	67.0	67.1	0.1	0.1%	92.6%	67.2	67.1	-0.1	-0.1%	92.6%	65.2	65.4	0.2	0.3%
93.8%	63.3	63.3	0.0	0.0%	93.8%	67.0	66.9	-0.1	-0.1%	93.8% 95.1%	67.2	67.0	-0.2	-0.3%	93.8%	65.0	65.4	0.4	0.6% 0.5%
95.1% 96.3%	63.3 63.2	63.3 63.2	0.0	0.0%	95.1% 96.3%	67.0 67.0	66.8 66.8	-0.2 -0.2	-0.3% -0.3%	95.1% 96.3%	67.1 66.9	66.9 66.8	-0.2 -0.1	-0.3% -0.1%	95.1% 96.3%	65.0 65.0	65.3 65.0	0.3	0.5%
97.5%	62.9	62.9	0.0	0.0%	97.5%	67.0	66.6	-0.4	-0.6%	97.5%	66.8	66.8	0.0	0.0%	97.5%	64.7	64.9	0.0	0.3%
98.8%	62.7	62.7	0.0	0.0%	98.8%	66.4	66.2	-0.2	-0.3%	98.8%	66.6	66.5	-0.1	-0.2%	98.8%	64.3	64.8	0.5	0.8%
100.0%	62.7	62.7	0.0	0.0%	100.0%	66.4	66.2	-0.2	-0.3%	100.0%	66.6	66.5	-0.1	-0.2%	100.0%	64.3	64.8	0.5	0.8%

Table SQ-20-7a

American River at the Mouth, Monthly Temperature
Long-term Average and Average by Water Year Type

		Lulig	term Ave	aye anu r		/ Water Ye						
						, ,	erature (DI					
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	60.8	56.3	48.6	46.1	49.0	54.0	58.9	63.7	68.1	69.7	70.4	67.6
Alternative C	60.7	56.4	48.7	46.1	49.0	54.0	58.9	63.7	68.2	70.0	70.3	67.5
Difference	-0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	-0.1	-0.1
Percent Difference ³	-0.2%	0.2%	0.2%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.1%	0.3%	-0.1%	-0.1%
				Water Y	ear Types	t .						
Wet (32%)												
No Action Alternative	60.0	57.3	49.6	46.5	48.3	52.8	56.8	61.4	65.6	69.3	69.5	66.4
Alternative C	59.9	57.4	49.6	46.5	48.4	52.8	56.8	61.4	65.6	69.5	69.2	66.5
Difference	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.3	0.1
Percent Difference	-0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	-0.4%	0.2%
Above Normal (15%)												
No Action Alternative	59.6	55.7	48.6	46.4	48.6	53.3	58.4	63.2	67.9	68.6	69.7	66.8
Alternative C	59.4	55.8	48.7	46.4	48.6	53.4	58.4	63.2	68.1	68.6	69.7	67.0
Difference	-0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1
Percent Difference	-0.3%	0.2%	0.2%	0.0%	0.0%	0.1%	0.0%	0.0%	0.2%	0.0%	0.0%	0.2%
Below Normal (17%)												
No Action Alternative	59.5	56.1	48.9	45.5	48.0	53.9	59.0	63.2	68.1	68.3	70.5	68.0
Alternative C	59.4	56.1	49.0	45.5	47.9	54.0	58.9	63.0	68.1	69.1	70.5	67.4
Difference	0.0	0.1	0.1	0.0	0.0	0.1	-0.1	-0.1	0.0	0.8	0.0	-0.6
Percent Difference	0.0%	0.1%	0.1%	0.1%	-0.1%	0.2%	-0.1%	-0.2%	0.0%	1.2%	0.0%	-0.9%
Dry (22%)												
No Action Alternative	61.3	56.0	48.4	45.7	49.5	54.7	60.3	65.9	70.1	69.9	70.4	68.2
Alternative C	61.0	56.1	48.6	45.6	49.4	54.7	60.4	65.7	70.2	70.0	70.7	68.2
Difference	-0.3	0.1	0.2	-0.1	-0.1	0.0	0.1	-0.1	0.1	0.1	0.3	0.0
Percent Difference	-0.5%	0.2%	0.5%	-0.1%	-0.2%	0.1%	0.1%	-0.2%	0.1%	0.2%	0.4%	0.0%
Critical (15%)												
No Action Alternative	64.2	55.1	46.8	46.2	51.3	56.1	61.7	66.5	70.4	73.4	72.6	69.4
Alternative C	64.3	55.4	46.9	46.3	51.4	56.1	61.6	66.6	70.5	73.1	72.2	69.1
Difference	0.1	0.2	0.1	0.1	0.1	0.1	-0.1	0.1	0.1	-0.3	-0.4	-0.3
Percent Difference	0.1%	0.4%	0.2%	0.2%	0.2%	0.1%	-0.2%	0.1%	0.2%	-0.4%	-0.6%	-0.49

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



Figure SQ-20-7b American River at the Mouth, Monthly Temperature Probability of Exceedance

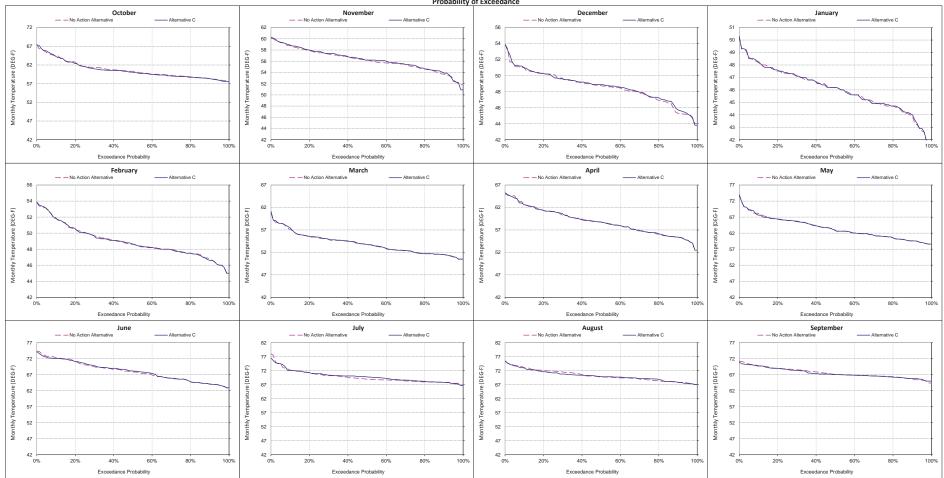


Table SQ-20-7b

American River at the Mouth, Monthly Temperature
Probability of Exceedance

December

January

November

October

Percent		October			Percent		November			Percent		December			Percent		January		
Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	67.3	67.4	0.1	0.1%	0.0%	60.1	60.3	0.2	0.3%	0.0%	53.9	53.9	0.0	0.0%	0.0%	50.3	50.3	0.0	0.0%
1.2%	66.3	67.2	0.9	1.4%	1.2%	60.0	60.1	0.1	0.2%	1.2%	53.4	53.2	-0.2	-0.4%	1.2%	49.3	49.3	0.0	0.0%
2.5%	66.3	66.3	0.0	0.0%	2.5%	59.7	59.9	0.2	0.3%	2.5%	51.7	52.6	0.9	1.7%	2.5%	49.3	49.3	0.0	0.0%
3.7%	65.8	65.9	0.1	0.2%	3.7%	59.6	59.5	-0.1	-0.2%	3.7%	51.7	51.7	0.0	0.0%	3.7%	49.1	49.2	0.1	0.2%
4.9%	65.4	65.8	0.4	0.6%	4.9%	59.3	59.4	0.1	0.2%	4.9%	51.2	51.3	0.1	0.2%	4.9%	48.5	48.6	0.1	0.2%
6.2%	65.0	65.4	0.4	0.6%	6.2%	59.3	59.3	0.0	0.0%	6.2%	51.1	51.3	0.2	0.4%	6.2%	48.5	48.5	0.0	0.0%
7.4%	64.8	65.0	0.2	0.3%	7.4%	59.0	59.2	0.2	0.3%	7.4%	51.1	51.2	0.1	0.2%	7.4%	48.4	48.5	0.1	0.2%
8.6%	64.6	64.8	0.2	0.3%	8.6%	58.8	59.0	0.2	0.3%	8.6%	51.0	51.2	0.2	0.4%	8.6%	48.3	48.4	0.1	0.2%
9.9%	64.5	64.3	-0.2	-0.3%	9.9%	58.8	58.9	0.1	0.2%	9.9%	51.0	51.0	0.0	0.0%	9.9%	48.3	48.2	-0.1	-0.2%
11.1%	64.4	64.0	-0.4	-0.6%	11.1%	58.6	58.7	0.1	0.2%	11.1%	50.6	50.9	0.3	0.6%	11.1%	48.1	48.1	0.0	0.0%
12.3%	63.7	63.9	0.2	0.3%	12.3%	58.5	58.7	0.2	0.3%	12.3%	50.6	50.7	0.1	0.2%	12.3%	48.0	47.9	-0.1	-0.2%
13.6%	63.7	63.7	0.0	0.0%	13.6%	58.4	58.6	0.2	0.3%	13.6%	50.5	50.6	0.1	0.2%	13.6%	48.0	47.8	-0.2	-0.4%
14.8%	63.1	63.1	0.0	0.0%	14.8%	58.3	58.5	0.2	0.3%	14.8%	50.5	50.5	0.0	0.0%	14.8%	47.9	47.8	-0.1	-0.2%
16.0%	62.9	62.8	-0.1	-0.2%	16.0%	58.2	58.4	0.2	0.3%	16.0%	50.4	50.4	0.0	0.0%	16.0%	47.8	47.8	0.0	0.0%
17.3%	62.9	62.8	-0.1	-0.2%	17.3%	58.1	58.2	0.1	0.2%	17.3%	50.3	50.4	0.1	0.2%	17.3%	47.8	47.7	-0.1	-0.2%
18.5%	62.9	62.8	-0.1	-0.2%	18.5%	58.0	58.1	0.1	0.2%	18.5%	50.3	50.3	0.0	0.0%	18.5%	47.6	47.6	0.0	0.0%
19.8%	62.8	62.4	-0.4	-0.6%	19.8%	58.0	58.0	0.0	0.0%	19.8%	50.2	50.3	0.1	0.2%	19.8%	47.5	47.6	0.1	0.2%
21.0%	62.3	62.3	0.0	0.0%	21.0%	57.8	57.9	0.1	0.2%	21.0%	50.2	50.2	0.0	0.0%	21.0%	47.5	47.5	0.0	0.0%
22.2%	62.1	61.8	-0.3	-0.5%	22.2%	57.7	57.8	0.1	0.2%	22.2%	50.2	50.2	0.0	0.0%	22.2%	47.4	47.5	0.1	0.2%
23.5%	61.7	61.7	0.0	0.0%	23.5%	57.5	57.7	0.2	0.3%	23.5%	50.2	50.1	-0.1	-0.2%	23.5%	47.3	47.4	0.1	0.2%
24.7%	61.6	61.6	0.0	0.0%	24.7%	57.5	57.7	0.2	0.3%	24.7%	50.1	49.9	-0.2	-0.4%	24.7%	47.3	47.4	0.1	0.2%
25.9%	61.6	61.4	-0.2	-0.3%	25.9%	57.5	57.7	0.2	0.3%	25.9%	50.1	49.7	-0.4	-0.8%	25.9%	47.3	47.3	0.0	0.0%
27.2%	61.4	61.2	-0.2	-0.3%	27.2%	57.5	57.5	0.0	0.0%	27.2%	49.7	49.7	0.0	0.0%	27.2%	47.3	47.3	0.0	0.0%
28.4%	61.4	61.1	-0.3	-0.5%	28.4%	57.4	57.4	0.0	0.0%	28.4%	49.7	49.6	-0.1	-0.2%	28.4%	47.2	47.3	0.1	0.2%
29.6%	61.3	61.0	-0.3	-0.5%	29.6%	57.3	57.4	0.1	0.2%	29.6%	49.7	49.6	-0.1	-0.2%	29.6%	47.2	47.1	-0.1	-0.2%
30.9%	61.3	60.9	-0.4	-0.7%	30.9%	57.2	57.4	0.2	0.3%	30.9%	49.5	49.5	0.0	0.0%	30.9%	47.0	47.1	0.1	0.2%
32.1%	61.3	60.8	-0.5	-0.8%	32.1%	57.1	57.4	0.3	0.5%	32.1%	49.4	49.5	0.1	0.2%	32.1%	47.0	47.0	0.0	0.0%
33.3%	61.2	60.7	-0.5	-0.8%	33.3%	57.1	57.3	0.2	0.4%	33.3%	49.4	49.5	0.1	0.2%	33.3%	46.9	47.0	0.1	0.2%
34.6%	61.1	60.7	-0.4	-0.7%	34.6%	57.1	57.1	0.0	0.0%	34.6%	49.4	49.4	0.0	0.0%	34.6%	46.8	47.0	0.2	0.4%
35.8%	60.9	60.6	-0.3	-0.5%	35.8%	56.9	57.1	0.2	0.4%	35.8%	49.4	49.4	0.0	0.0%	35.8%	46.8	46.8	0.0	0.0%
37.0%	60.8	60.6	-0.2	-0.3%	37.0%	56.9	57.0	0.1	0.2%	37.0%	49.2	49.3	0.1	0.2%	37.0%	46.8	46.8	0.0	0.0%
38.3%	60.8	60.5	-0.3	-0.5%	38.3%	56.9	57.0	0.1	0.2%	38.3%	49.2	49.2	0.0	0.0%	38.3%	46.8	46.8	0.0	0.0%
39.5%	60.7	60.5	-0.2	-0.3%	39.5%	56.8	56.9	0.1	0.2%	39.5%	49.1	49.2	0.1	0.2%	39.5%	46.7	46.7	0.0	0.0%
40.7%	60.7	60.5	-0.2	-0.3%	40.7%	56.7	56.7	0.0	0.0%	40.7%	49.1	49.2	0.1	0.2%	40.7%	46.6	46.5	-0.1	-0.2%
42.0%	60.6	60.5	-0.1	-0.2%	42.0%	56.6	56.7	0.1	0.2%	42.0%	49.0	49.1	0.1	0.2%	42.0%	46.5	46.5	0.0	0.0%
43.2%	60.6	60.5	-0.1	-0.2%	43.2%	56.5	56.7	0.2	0.4%	43.2%	49.0	49.1	0.1	0.2%	43.2%	46.5	46.4	-0.1	-0.2%
44.4%	60.5	60.4	-0.1	-0.2%	44.4%	56.5	56.6	0.1	0.2%	44.4%	48.9	49.0	0.1	0.2%	44.4%	46.5	46.4	-0.1	-0.2%
45.7%	60.5	60.3	-0.2	-0.3%	45.7%	56.4	56.5	0.1	0.2%	45.7%	48.9	48.9	0.0	0.0%	45.7%	46.3	46.2	-0.1	-0.2%
46.9%	60.4	60.3	-0.1	-0.2%	46.9%	56.3	56.5	0.2	0.4%	46.9%	48.8	48.9	0.1	0.2%	46.9%	46.2	46.2	0.0	0.0%
48.1%	60.3	60.1	-0.2	-0.3%	48.1%	56.3	56.3	0.0	0.0%	48.1%	48.8	48.9	0.1	0.2%	48.1%	46.2	46.2	0.0	0.0%
49.4%	60.3	60.1	-0.2	-0.3%	49.4%	56.3	56.2	-0.1	-0.2%	49.4%	48.8	48.9	0.1	0.2%	49.4%	46.2	46.2	0.0	0.0%
50.6%	60.3	60.0	-0.3	-0.5%	50.6%	56.2	56.2	0.0	0.0%	50.6%	48.7	48.9	0.2	0.4%	50.6%	46.2	46.2	0.0	0.0%
51.9%	60.2	59.9	-0.3	-0.5%	51.9%	56.1	56.2	0.1	0.2%	51.9%	48.7	48.8	0.1	0.2%	51.9%	46.1	46.1	0.0	0.0%
53.1%	60.0	59.8	-0.2	-0.3%	53.1%	55.9	56.2	0.3	0.5%	53.1%	48.7	48.8	0.1	0.2%	53.1%	46.0	46.0	0.0	0.0%
54.3%	59.9	59.7	-0.2	-0.3%	54.3%	55.9	56.2	0.3	0.5%	54.3%	48.6	48.7	0.1	0.2%	54.3%	46.0	46.0	0.0	0.0%
55.6%	59.9	59.7	-0.2	-0.3%	55.6%	55.8	56.1	0.3	0.5%	55.6%	48.6	48.7	0.1	0.2%	55.6%	45.9	45.8	-0.1	-0.2%
56.8%	59.8	59.7	-0.1	-0.2%	56.8%	55.8	56.1	0.3	0.5%	56.8%	48.5	48.7	0.2	0.4%	56.8%	45.8	45.7	-0.1	-0.2%
58.0%	59.7	59.6	-0.1	-0.2%	58.0%	55.8	56.1	0.3	0.5%	58.0%	48.5	48.6	0.1	0.2%	58.0%	45.7	45.6	-0.1	-0.2%
59.3%	59.6	59.5	-0.1	-0.2%	59.3%	55.7	56.1	0.4	0.7%	59.3%	48.5	48.6	0.1	0.2%	59.3%	45.6	45.6	0.0	0.0%
60.5%	59.5	59.5	0.0	0.0%	60.5%	55.7	55.9	0.2	0.4%	60.5%	48.4	48.5	0.1	0.2%	60.5%	45.6	45.6	0.0	0.0%
61.7%	59.5	59.4	-0.1	-0.2%	61.7%	55.6	55.8	0.2	0.4%	61.7%	48.2	48.5	0.3	0.6%	61.7%	45.6	45.6	0.0	0.0%
63.0%	59.5	59.3	-0.2	-0.3%	63.0%	55.6	55.8	0.2	0.4%	63.0%	48.2	48.4	0.2	0.4%	63.0%	45.6	45.4	-0.2	-0.4%
64.2%	59.5	59.3	-0.2	-0.3%	64.2%	55.6	55.7	0.1	0.2%	64.2%	48.1	48.3	0.2	0.4%	64.2%	45.4	45.2	-0.2	-0.4%
65.4%	59.5	59.3	-0.2	-0.3%	65.4%	55.6	55.7	0.1	0.2%	65.4%	48.1	48.2	0.1	0.2%	65.4%	45.2	45.2	0.0	0.0%
66.7%	59.4	59.3	-0.1	-0.2%	66.7%	55.5	55.6	0.1	0.2%	66.7%	48.1	48.2	0.1	0.2%	66.7%	45.2	45.2	0.0	0.0%
67.9%	59.3	59.1	-0.2	-0.3%	67.9%	55.5	55.6	0.1	0.2%	67.9%	48.0	48.1	0.1	0.2%	67.9%	45.2	45.1	-0.1	-0.2%
69.1%	59.3	59.1	-0.2	-0.3%	69.1%	55.5	55.5	0.0	0.0%	69.1%	48.0	48.0	0.0	0.0%	69.1%	45.1	44.9	-0.2	-0.4%
70.4%	59.2	59.0	-0.2	-0.3%	70.4%	55.4	55.4	0.0	0.0%	70.4%	47.8	47.9	0.1	0.2%	70.4%	45.0	44.9	-0.1	-0.2%
71.6%	59.1	59.0	-0.1	-0.2%	71.6%	55.2	55.4	0.2	0.4%	71.6%	47.8	47.9	0.1	0.2%	71.6%	44.9	44.9	0.0	0.0%
72.8%	59.1	58.9	-0.2	-0.3%	72.8%	55.1	55.3	0.2	0.4%	72.8%	47.6	47.7	0.1	0.2%	72.8%	44.9	44.9	0.0	0.0%
74.1%	59.1	58.9	-0.2	-0.3%	74.1%	55.1	55.3	0.2	0.4%	74.1%	47.5	47.5	0.0	0.0%	74.1%	44.8	44.9	0.1	0.2%
75.3%	59.0	58.9	-0.1	-0.2%	75.3%	55.0	55.2	0.2	0.4%	75.3%	47.3	47.4	0.1	0.2%	75.3%	44.8	44.9	0.1	0.2%
76.5%	59.0	58.9	-0.1	-0.2%	76.5%	54.9	55.0	0.1	0.2%	76.5%	47.3	47.3	0.0	0.0%	76.5%	44.7	44.8	0.1	0.2%
77.8%	58.9	58.9	0.0	0.0%	77.8%	54.7	54.8	0.1	0.2%	77.8%	47.3	47.3	0.0	0.0%	77.8%	44.7	44.8	0.1	0.2%
79.0%	58.9	58.7	-0.2	-0.3%	79.0%	54.7	54.8	0.1	0.2%	79.0%	47.0	47.3	0.3	0.6%	79.0%	44.7	44.7	0.0	0.0%
80.2%	58.8	58.7	-0.1	-0.2%	80.2%	54.6	54.6	0.0	0.0%	80.2%	46.9	47.2	0.3	0.6%	80.2%	44.7	44.7	0.0	0.0%
81.5%	58.7	58.7	0.0	0.0%	81.5%	54.5	54.6	0.1	0.2%	81.5%	46.8	47.0	0.2	0.4%	81.5%	44.6	44.7	0.1	0.2%
82.7%	58.7	58.6	-0.1	-0.2%	82.7%	54.5	54.5	0.0	0.0%	82.7%	46.8	47.0	0.2	0.4%	82.7%	44.6	44.6	0.0	0.0%
84.0%	58.6	58.6	0.0	0.0%	84.0%	54.4	54.4	0.0	0.0%	84.0%	46.7	46.9	0.2	0.4%	84.0%	44.4	44.5	0.1	0.2%
85.2%	58.5	58.6	0.1	0.2%	85.2%	54.2	54.4	0.2	0.4%	85.2%	46.5	46.8	0.3	0.6%	85.2%	44.2	44.3	0.1	0.2%
86.4%	58.5	58.5	0.0	0.0%	86.4%	54.0	54.3	0.3	0.6%	86.4%	46.5	46.8	0.3	0.6%	86.4%	44.1	44.2	0.1	0.2%
87.7%	58.5	58.5	0.0	0.0%	87.7%	54.0	54.3	0.3	0.6%	87.7%	45.9	46.4	0.5	1.1%	87.7%	44.1	44.2	0.1	0.2%
88.9%	58.4	58.4	0.0	0.0%	88.9%	53.7	54.1	0.4	0.7%	88.9%	45.4	45.9	0.5	1.1%	88.9%	44.0	44.1	0.1	0.2%
90.1%	58.3	58.3	0.0	0.0%	90.1%	53.7	53.9	0.2	0.4%	90.1%	45.3	45.7	0.4	0.9%	90.1%	43.9	44.0	0.1	0.2%
91.4%	58.2	58.2	0.0	0.0%	91.4%	53.5	53.9	0.4	0.7%	91.4%	45.3	45.6	0.3	0.7%	91.4%	43.3	43.6	0.3	0.7%
92.6%	58.2	58.1	-0.1	-0.2%	92.6%	53.4	53.6	0.2	0.4%	92.6%	45.2	45.5	0.3	0.7%	92.6%	43.2	43.3	0.1	0.2%
93.8%	58.1	58.0	-0.1	-0.2%	93.8%	53.3	53.1	-0.2	-0.4%	93.8%	45.2	45.4	0.2	0.4%	93.8%	42.9	42.9	0.0	0.0%
95.1%	58.0	57.9	-0.1	-0.2%	95.1%	52.6	52.4	-0.2	-0.4%	95.1%	45.1	45.2	0.1	0.2%	95.1%	42.7	42.9	0.2	0.5%
96.3%	57.9	57.7	-0.2	-0.3%	96.3%	52.3	52.3	0.0	0.0%	96.3%	45.1	45.0	-0.1	-0.2%	96.3%	42.6	42.6	0.0	0.0%
97.5%	57.8	57.6	-0.2	-0.3%	97.5%	52.0	52.2	0.2	0.4%	97.5%	44.8	44.7	-0.1	-0.2%	97.5%	41.8	41.8	0.0	0.0%
98.8%	57.8	57.5	-0.3	-0.5%	98.8%	51.8	50.9	-0.9	-1.7%	98.8%	44.0	43.8	-0.2	-0.5%	98.8%	41.4	41.4	0.0	0.0%
100.0%	57.8	57.5	-0.3	-0.5%	100.0%	51.8	50.9	-0.9	-1.7%	100.0%	44.0	43.8	-0.2	-0.5%	100.0%	41.4	41.4	0.0	0.0%

Table SQ-20-7b American River at the Mouth, Monthly Temperature Probability of Exceedance

									Probability	of Exceedance									
Percent		February			Percent		March			Percent		April			Percent		May		
Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative
Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
0.0%	(DEG-F) 53.8	(DEG-F) 53.9	0.1	0.2%	(%) 0.0%	(DEG-F) 60.8	(DEG-F) 61.1	0.3	0.5%		(DEG-F) 65.1	(DEG-F) 65.3	0.2	0.3%		(DEG-F) 74.1	(DEG-F) 73.9	-0.2	-0.3%
1.2%	53.4	53.5	0.1	0.2%	1.2%	59.2	59.2	0.0	0.0%	1.2%	64.7	64.9	0.2	0.3%	1.2%	71.8	73.9	0.1	0.1%
2.5%	53.3	53.4	0.1	0.2%	2.5%	58.7	59.1	0.4	0.7%	2.5%	64.7	64.6	-0.1	-0.2%	2.5%	70.3	70.2	-0.1	-0.1%
3.7%	53.2	53.3	0.1	0.2%	3.7%	58.6	58.6	0.0	0.0%	3.7%	64.6	64.4	-0.2	-0.3%	3.7%	70.0	70.1	0.1	0.1%
4.9%	53.1	53.1	0.0	0.0%	4.9%	58.4	58.4	0.0	0.0%	4.9%	64.6	64.1	-0.5	-0.8%	4.9%	69.2	69.4	0.2	0.3%
6.2% 7.4%	52.7 52.5	52.8 52.4	0.1 -0.1	0.2%	6.2% 7.4%	58.4 58.0	58.4 58.1	0.0	0.0%	6.2% 7.4%	63.7 63.4	64.0 63.0	0.3	0.5%	6.2% 7.4%	69.0 68.3	69.2 69.0	0.2	0.3%
8.6%	51.9	52.0	0.1	0.2%	8.6%	57.5	57.8	0.3	0.5%	8.6%	63.3	63.0	-0.4	-0.5%	8.6%	68.2	68.0	-0.2	-0.3%
9.9%	51.8	51.9	0.1	0.2%	9.9%	57.1	57.5	0.4	0.7%	9.9%	62.7	62.6	-0.1	-0.2%	9.9%	68.2	67.6	-0.6	-0.9%
11.1%	51.7	51.6	-0.1	-0.2%	11.1%	56.9	56.9	0.0	0.0%	11.1%	62.5	62.5	0.0	0.0%	11.1%	67.9	67.6	-0.3	-0.4%
12.3%	51.5	51.6	0.1	0.2%	12.3%	56.4	56.4	0.0	0.0%	12.3% 13.6%	62.4	62.3	-0.1	-0.2%	12.3%	67.5	67.0	-0.5	-0.7%
13.6% 14.8%	51.4 51.3	51.4 51.2	0.0 -0.1	0.0%	13.6% 14.8%	56.1 56.0	56.1 55.9	0.0 -0.1	0.0% -0.2%	13.6%	62.3 62.2	62.2 62.2	-0.1 0.0	-0.2% 0.0%	13.6% 14.8%	67.2 67.1	66.9 66.9	-0.3 -0.2	-0.4% -0.3%
16.0%	50.8	51.0	0.2	0.4%	16.0%	55.9	55.9	0.0	0.0%	16.0%	62.0	61.7	-0.3	-0.5%	16.0%	66.8	66.6	-0.2	-0.3%
17.3%	50.7	50.7	0.0	0.0%	17.3%	55.8	55.8	0.0	0.0%	17.3%	61.7	61.6	-0.1	-0.2%	17.3%	66.5	66.5	0.0	0.0%
18.5%	50.6	50.7	0.1	0.2%	18.5%	55.7	55.7	0.0	0.0%	18.5%	61.6	61.5	-0.1	-0.2%	18.5%	66.5	66.5	0.0	0.0%
19.8% 21.0%	50.6 50.3	50.6 50.3	0.0	0.0%	19.8% 21.0%	55.4 55.4	55.6 55.5	0.2	0.4%	19.8% 21.0%	61.4 61.2	61.4 61.2	0.0	0.0%	19.8% 21.0%	66.4 66.4	66.4 66.2	0.0 -0.2	0.0% -0.3%
22.2%	50.3	50.1	-0.2	-0.4%	22.2%	55.4	55.5	0.1	0.2%	22.2%	61.2	61.2	0.0	0.0%	22.2%	66.2	66.1	-0.2	-0.2%
23.5%	50.1	50.1	0.0	0.0%	23.5%	55.4	55.4	0.0	0.0%	23.5%	61.1	61.2	0.1	0.2%	23.5%	66.2	66.1	-0.1	-0.2%
24.7%	50.0	50.1	0.1	0.2%	24.7%	55.2	55.4	0.2	0.4%	24.7%	61.1	61.1	0.0	0.0%	24.7%	66.0	66.0	0.0	0.0%
25.9%	50.0	50.0	0.0	0.0%	25.9%	55.1	55.3	0.2	0.4%	25.9%	61.1	61.0	-0.1	-0.2%	25.9%	65.9	65.9	0.0	0.0%
27.2% 28.4%	49.9 49.8	49.9 49.8	0.0	0.0%	27.2% 28.4%	55.1 55.0	55.1 55.1	0.0	0.0% 0.2%	27.2% 28.4%	60.9 60.7	60.9 60.8	0.0 0.1	0.0%	27.2% 28.4%	65.9 65.8	65.9 65.8	0.0	0.0%
29.6%	49.7	49.7	0.0	0.0%	29.6%	55.0	55.0	0.0	0.0%	29.6%	60.3	60.7	0.1	0.7%	29.6%	65.8	65.6	-0.2	-0.3%
30.9%	49.6	49.4	-0.2	-0.4%	30.9%	54.7	54.8	0.1	0.2%	30.9%	60.2	60.3	0.1	0.2%	30.9%	65.7	65.5	-0.2	-0.3%
32.1%	49.6	49.4	-0.2	-0.4%	32.1%	54.7	54.8	0.1	0.2%	32.1%	60.2	60.3	0.1	0.2%	32.1%	65.6	65.4	-0.2	-0.3%
33.3% 34.6%	49.4 49.4	49.3 49.3	-0.1 -0.1	-0.2% -0.2%	33.3% 34.6%	54.7 54.7	54.8 54.7	0.1	0.2%	33.3% 34.6%	59.9 59.8	59.9 59.8	0.0	0.0%	33.3% 34.6%	65.4 65.3	65.3 65.2	-0.1 -0.1	-0.2% -0.2%
35.8%	49.3	49.3	0.0	0.0%	35.8%	54.7	54.7	0.0	0.0%	35.8%	59.7	59.7	0.0	0.0%	35.8%	64.9	64.9	0.0	0.0%
37.0%	49.3	49.2	-0.1	-0.2%	37.0%	54.6	54.7	0.1	0.2%	37.0%	59.6	59.6	0.0	0.0%	37.0%	64.7	64.8	0.1	0.2%
38.3%	49.2	49.1	-0.1	-0.2%	38.3%	54.6	54.6	0.0	0.0%	38.3%	59.6	59.5	-0.1	-0.2%	38.3%	64.6	64.4	-0.2	-0.3%
39.5%	49.1	49.1	0.0	0.0%	39.5%	54.6	54.5	-0.1	-0.2%	39.5%	59.5	59.3	-0.2	-0.3%	39.5%	64.4	64.3	-0.1	-0.2%
40.7% 42.0%	49.1 49.1	49.1 49.0	0.0 -0.1	0.0%	40.7% 42.0%	54.5 54.4	54.5 54.4	0.0	0.0%	40.7% 42.0%	59.3 59.2	59.2 59.1	-0.1 -0.1	-0.2% -0.2%	40.7% 42.0%	64.1 64.0	64.2 64.0	0.1	0.2%
43.2%	49.0	49.0	0.0	0.0%	43.2%	54.3	54.4	0.0	0.2%	43.2%	59.1	59.1	0.0	0.0%	43.2%	63.8	63.8	0.0	0.0%
44.4%	48.8	49.0	0.2	0.4%	44.4%	54.0	54.2	0.2	0.4%	44.4%	59.1	59.0	-0.1	-0.2%	44.4%	63.8	63.8	0.0	0.0%
45.7%	48.8	48.9	0.1	0.2%	45.7%	54.0	54.0	0.0	0.0%	45.7%	59.0	58.9	-0.1	-0.2%	45.7%	63.7	63.7	0.0	0.0%
46.9%	48.7	48.8 48.8	0.1	0.2%	46.9% 48.1%	53.9 53.9	53.9 53.9	0.0	0.0%	46.9%	58.9 58.8	58.9 58.8	0.0	0.0%	46.9%	63.6 63.4	63.6 63.3	0.0	0.0%
48.1% 49.4%	48.7 48.6	48.7	0.1	0.2%	49.4%	53.7	53.8	0.0	0.0% 0.2%	48.1% 49.4%	58.8	58.8	0.0	0.0%	48.1% 49.4%	63.3	63.0	-0.1 -0.3	-0.2% -0.5%
50.6%	48.6	48.6	0.0	0.0%	50.6%	53.7	53.7	0.0	0.0%	50.6%	58.7	58.7	0.0	0.0%	50.6%	62.6	62.6	0.0	0.0%
51.9%	48.5	48.5	0.0	0.0%	51.9%	53.7	53.7	0.0	0.0%	51.9%	58.6	58.6	0.0	0.0%	51.9%	62.6	62.6	0.0	0.0%
53.1%	48.4	48.4	0.0	0.0%	53.1%	53.5	53.6	0.1	0.2%	53.1%	58.5	58.4	-0.1	-0.2%	53.1%	62.6	62.6	0.0	0.0%
54.3%	48.4	48.3	-0.1	-0.2%	54.3%	53.3	53.4	0.1	0.2%	54.3%	58.4	58.3	-0.1	-0.2%	54.3%	62.6	62.6	0.0	0.0%
55.6% 56.8%	48.3 48.3	48.3 48.3	0.0	0.0%	55.6% 56.8%	53.3 53.2	53.4 53.3	0.1 0.1	0.2% 0.2%	55.6% 56.8%	58.3 58.1	58.2 58.1	-0.1 0.0	-0.2% 0.0%	55.6% 56.8%	62.6 62.5	62.6 62.5	0.0	0.0%
58.0%	48.3	48.2	-0.1	-0.2%	58.0%	53.2	53.2	0.0	0.0%	58.0%	58.1	58.1	0.0	0.0%	58.0%	62.1	62.3	0.2	0.3%
59.3%	48.2	48.2	0.0	0.0%	59.3%	53.0	53.0	0.0	0.0%	59.3%	58.0	58.0	0.0	0.0%	59.3%	62.1	62.0	-0.1	-0.2%
60.5%	48.2	48.2	0.0	0.0%	60.5%	52.7	52.8	0.1	0.2%	60.5%	57.9	57.9	0.0	0.0%	60.5%	62.0	62.0	0.0	0.0%
61.7% 63.0%	48.2 48.1	48.1 48.1	-0.1 0.0	-0.2% 0.0%	61.7% 63.0%	52.6 52.6	52.7 52.6	0.1	0.2%	61.7% 63.0%	57.7 57.7	57.7 57.7	0.0	0.0%	61.7% 63.0%	62.0 61.9	61.9 61.8	-0.1 -0.1	-0.2% -0.2%
64.2%	48.1	48.0	-0.1	-0.2%	64.2%	52.6	52.6	0.0	0.0%	64.2%	57.7	57.7	0.0	0.0%	64.2%	61.8	61.8	0.0	0.0%
65.4%	48.0	48.0	0.0	0.0%	65.4%	52.5	52.5	0.0	0.0%	65.4%	57.2	57.2	0.0	0.0%	65.4%	61.8	61.8	0.0	0.0%
66.7%	48.0	48.0	0.0	0.0%	66.7%	52.5	52.5	0.0	0.0%	66.7%	57.1	57.2	0.1	0.2%	66.7%	61.8	61.8	0.0	0.0%
67.9%	48.0	48.0	0.0	0.0%	67.9%	52.5	52.5	0.0	0.0%	67.9%	57.1	57.1 56.8	0.0	0.0%	67.9%	61.5 61.5	61.5	0.0	0.0%
69.1% 70.4%	48.0 48.0	48.0 47.9	0.0 -0.1	0.0%	69.1% 70.4%	52.4 52.4	52.4 52.4	0.0	0.0%	69.1% 70.4%	57.1 56.8	56.8 56.8	-0.3 0.0	-0.5% 0.0%	69.1% 70.4%	61.5 61.2	61.5 61.2	0.0	0.0%
71.6%	47.9	47.8	-0.1	-0.2%	71.6%	52.4	52.3	-0.1	-0.2%	71.6%	56.8	56.7	-0.1	-0.2%	71.6%	61.1	61.1	0.0	0.0%
72.8%	47.8	47.7	-0.1	-0.2%	72.8%	52.3	52.3	0.0	0.0%	72.8%	56.6	56.6	0.0	0.0%	72.8%	61.1	61.1	0.0	0.0%
74.1%	47.7	47.7	0.0	0.0%	74.1%	52.1	52.1	0.0	0.0%	74.1%	56.5	56.5	0.0	0.0%	74.1%	61.0	61.0	0.0	0.0%
75.3% 76.5%	47.7 47.6	47.6 47.6	-0.1 0.0	-0.2% 0.0%	75.3% 76.5%	51.9 51.8	51.9 51.9	0.0	0.0% 0.2%	75.3% 76.5%	56.4 56.4	56.4 56.4	0.0	0.0%	75.3% 76.5%	61.0 60.9	61.0 60.9	0.0	0.0%
77.8%	47.6	47.5	-0.1	-0.2%	77.8%	51.8	51.8	0.0	0.0%	77.8%	56.3	56.4	0.1	0.2%	77.8%	60.8	60.8	0.0	0.0%
79.0%	47.5	47.5	0.0	0.0%	79.0%	51.7	51.7	0.0	0.0%	79.0%	56.1	56.3	0.2	0.4%	79.0%	60.7	60.8	0.1	0.2%
80.2%	47.5	47.5	0.0	0.0%	80.2%	51.7	51.7	0.0	0.0%	80.2%	56.1	56.1	0.0	0.0%	80.2%	60.5	60.5	0.0	0.0%
81.5%	47.4	47.4	0.0	0.0%	81.5%	51.7	51.7	0.0	0.0%	81.5%	55.8	56.0	0.2	0.4%	81.5%	60.2	60.2	0.0	0.0%
82.7% 84.0%	47.4 47.4	47.4 47.3	0.0 -0.1	0.0% -0.2%	82.7% 84.0%	51.7 51.7	51.7 51.7	0.0	0.0%	82.7% 84.0%	55.7 55.7	55.8 55.7	0.1	0.2%	82.7% 84.0%	60.2 60.1	60.2 60.1	0.0	0.0%
85.2%	47.4	47.3 47.2	-0.1	-0.2%	85.2%	51.7	51.7	0.0	0.0%	85.2%	55.6	55.6	0.0	0.0%	85.2%	60.1	60.1	0.0	0.0%
86.4%	47.1	47.0	-0.1	-0.2%	86.4%	51.6	51.6	0.0	0.0%	86.4%	55.5	55.5	0.0	0.0%	86.4%	59.9	59.9	0.0	0.0%
87.7%	46.9	46.9	0.0	0.0%	87.7%	51.6	51.6	0.0	0.0%	87.7%	55.5	55.5	0.0	0.0%	87.7%	59.7	59.7	0.0	0.0%
88.9%	46.9	46.7	-0.2	-0.4%	88.9%	51.5	51.5	0.0	0.0%	88.9%	55.4	55.4	0.0	0.0%	88.9%	59.6	59.6	0.0	0.0%
90.1%	46.7 46.6	46.6 46.6	-0.1	-0.2%	90.1% 91.4%	51.5 51.4	51.5 51.4	0.0	0.0%	90.1% 91.4%	55.4	55.4 55.3	0.0	0.0%	90.1% 91.4%	59.6 59.6	59.6 59.6	0.0	0.0%
91.4%	46.6 46.4	46.6 46.4	0.0	0.0%	91.4% 92.6%	51.4 51.3	51.4 51.3	0.0	0.0%	91.4% 92.6%	55.3 55.2	55.3 55.1	-0.1	-0.2%	91.4% 92.6%	59.6 59.5	59.6 59.5	0.0	0.0%
93.8%	46.1	46.1	0.0	0.0%	93.8%	51.1	51.2	0.1	0.2%	93.8%	54.8	54.8	0.0	0.0%	93.8%	59.2	59.2	0.0	0.0%
95.1%	46.0	46.0	0.0	0.0%	95.1%	51.0	51.0	0.0	0.0%	95.1%	54.7	54.7	0.0	0.0%	95.1%	59.1	59.1	0.0	0.0%
96.3%	46.0	46.0	0.0	0.0%	96.3%	50.9	50.9	0.0	0.0%	96.3%	54.3	54.3	0.0	0.0%	96.3%	58.9	58.9	0.0	0.0%
97.5% 98.8%	45.7 45.0	45.7 45.0	0.0	0.0%	97.5% 98.8%	50.5 50.5	50.5 50.5	0.0	0.0%	97.5% 98.8%	54.1 52.5	54.1 52.5	0.0	0.0%	97.5% 98.8%	58.7 58.6	58.7 58.6	0.0	0.0%
100.0%	45.0 45.0	45.0 45.0	0.0	0.0%	100.0%	50.5	50.5	0.0	0.0%	100.0%	52.5	52.5	0.0	0.0%	100.0%	58.6	58.6	0.0	0.0%
100.070	10.0	10.0	0.0	0.070	.00.070	00.0	00.0	0.0	0.070	100.070	02.0	OL.O	0.0	0.070	100.070	00.0	00.0	0.0	0.070

Table SQ-20-7b

American River at the Mouth, Monthly Temperature
Probability of Exceedance

August

September

	Percent		June			Percent		July			Percent		August			Percent		September		
Second Column Second Colum		No Action Alternative	Alternative C	Absolute	Relative		No Action Alternative	Alternative C	Absolute	Relative		No Action Alternative	Alternative C	Absolute	Relative		No Action Alternative	Alternative C	Absolute	Relative
100 101 102 102 103 104 105	Probability	Monthly Temperature	Monthly Temperature		Difference (%)	Probability	Monthly Temperature	Monthly Temperature		Difference (%)	Probability	Monthly Temperature	Monthly Temperature		Difference (%)	Probability	Monthly Temperature	Monthly Temperature		Difference (%)
The	(%)	(DEG-F)	(DEG-F)																	
1.00	0.0%			-0.1		0.0%					0.0%		75.4		-0.1%	0.0%			-0.2	-0.3%
1.00				-0.7	-0.9%		77.5			-2.5%		74.7		0.0						
Apr. 170						2.5%					2.5%					2.5%			-0.6	-0.8%
A-Part 17.5	3.7%	73.1				3.7%													-0.4	
Text																				
March 1948																				-0.1%
10																				
11 12 12 13 14 15 15 15 15 15 15 15	8.6%	72.6	72.1	-0.5		8.6%	72.7			-0.8%	8.6%	73.5			-0.7%				-0.2	-0.3%
12 12 12 12 12 12 13 14 15 15 13 17 12 13 17 17 17 17 17 17 17																				
150 171	11.1%	72.2	72.1	-0.1		11.1%					11.1%									0.0%
Main																				
Section Print Pr																				
175																			-0.3	
Heate											16.0%									
10																17.3%				
200. 200.																				
22.5 70.5																				
200 772 787 787 788				0.2																
247h 701 706 05 07h 247h 708 708 709 0.3 0.4h 247h 708 709 0.3 0.4h 247h 701 712 0.3 0.7h 247h 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.7h 277h 702 0.3 0.4h 247h 703 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5																				
Sept. Trial Tria											23.5%									
27.50																				
24.5 67 700	25.9%			0.3						0.4%	25.9%				-0.8%	25.9%			-0.2	-0.3%
20.00. 66.5	27.2%			0.2						0.4%	27.2%				-0.7%	27.2%		68.4	-0.3	-0.4%
100 100																				
2-11. G3				0.4		29.6%				0.3%	29.6%				-1.1%				-0.2	-0.3%
33.14. 66.3 66.3 66.0 66.3 1.00 66.4 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.																				
340, 601 603 602 603 603 601 602 603 603 601 602 603 601 602 603 601 602 603 601 602 603 601 602 603 601 602 603 601 602 603 603 601 602 603 601 602 603 601 602 603 601 602 603 601 602 603 602 603 601 602 603 601 602 603 602 602 602 602 602 602 602 602 602 602																			-0.2	
1.5 1.5																				
370. 600 601 611 615 520. 700 603 711 63 0.00 720. 710 4.00 -0.00 720. 720. 600 675 -0.5 4.7% 3819. 607 600 60 60 60 60 60 60 60 60 60 60 60 60																				
32.7% 68.3 69.0 61.0 61.5 61.5 62.5 70.1 64.0 65.5 70.1 64.0 65.5 70.1 64.0 65.5 70.1 64.0 65.5 70.1 64.0 65.5 70.1 64.0 65.5 70.1 64.0 65.5 70.1 64.0 65.5 70.1 64.0 65.5 70.1 64.0 65.5 70.1 64.0 65.5 70.1 64.0 65.5 70.1 64.0 65.5 70.1 64.0 65.5 70.1 64.0 65.5 70.1 64.0 65.5 70.1 64.0 65.5 70.1 64.0 65.5 70.1 64.0 65.0						35.8%			0.3		35.8%								-0.6	
32.7% 62.7 (20.1 0.3.1 0.4% 32.0% 32.0% 32.0% 32.0% 32.0% 32.0% (27.1 0.4 0.4 0.5% 32.0% 32.0% 32.0% (27.1 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4																				
40.7% 68.6 68.0 0.4 0.7% 69.5 70.1 0.8 0.9% 40.7% 70.5				0.1	0.1%		69.7			0.6%	38.3%	70.9	70.4	-0.5	-0.7%	38.3%			-0.6	-0.9%
420% 06 6 03 03 07% 420% 07 107 107 107 107 107 107 107 107 107	39.5%	68.7	69.0	0.3	0.4%	39.5%	69.7	70.1	0.4	0.6%	39.5%	70.7	70.4	-0.3	-0.4%	39.5%	67.9	67.3		-0.9%
43.2% 688 687 0.1 0.1% 4.25% 69.4 70.1 0.7 1.0% 4.22% 70.1 70.3 0.2 0.3% 4.25% 67.8 67.2 0.4 0.4% 4.27% 68.1 68.3 0.8 0.1 68.3 0.2 0.8 0.2 0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0				0.4					0.6	0.9%	40.7%	70.5	70.4	-0.1						-0.7%
44-0% 633 637 647 0.96 44-0% 633 70.9 0.7 1.0% 44-0% 70.3 10.3 0.2 0.3% 44-0% 67.5 67.2 0.3 0.9% 44-0% 70.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	42.0%			0.3							42.0%			0.2					-0.5	
46.7% 681 686 0.5 0.7% 45.7% 693 680 0.6 0.9% 45.7% 770 772 0.2 0.2 0.9% 45.7% 67.4 67.2 0.2 0.2% 45.7% 68.8 0.8 0.2 0.2 0.2 0.3% 45.7% 68.8 0.8 0.2 0.2 0.3 0.4 0.5 0.9% 45.7% 68.8 0.8 0.2 0.2 0.3 0.4 0.4 0.4 0.4 0.2 0.2 0.3 0.4 0.4 0.4 0.4 0.2 0.3 0.4 0.4 0.4 0.4 0.4 0.4 0.2 0.3 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4		68.6	68.7	0.1	0.1%	43.2%	69.4			1.0%		70.1	70.3	0.2	0.3%	43.2%	67.6			-0.6%
46.9% 66.1 66.5 0.4 0.0% 46.9% 60.3 69.9 0.6 0.9% 46.9% 67.0 70.1 0.1 0.1% 46.9% 67.3 07.2 0.1 0.1% 46.9% 67.3 07.2 0.1 0.1% 46.9% 67.3 07.2 0.1 0.1% 46.9% 67.5 0.0%				0.4		44.4%			0.7	1.0%	44.4%			0.2		44.4%			-0.3	-0.4%
441% 68.0 68.2 0.2 0.3% 441% 69.1 69.9 0.8 1.2% 44.1% 69.2 0.1 0.1% 44.5% 67.2 67.1 0.1 0.1% 0.1 0.1% 44.5% 67.2 67.1 0.1 0.1% 0.1% 0.1% 0.1% 0.1% 0.1% 0.1																				
44-66 67 68 66.2 0.3 0.4% 49-66 69.0 0.8 0.8 1.2% 49-4% 60.7 70.0 0.3 0.4% 49-6% 67.1 67.0 0.41 -0.1% 65.8% 67.8 68.8 1.0 0.3 0.4% 58.8 68.8 0.7 0.8 1.2% 58.8% 67.8 68.8 0.1 0.1% 58.8% 67.8 68.8 0.1 0.1% 58.8% 67.8 68.8 0.1 0.1% 58.8% 67.8 68.8 0.1 0.1% 58.8% 67.8 68.8 0.1 0.1% 58.8% 67.8 68.8 0.1 0.1% 58.8% 67.8 68.8 0.1 0.1% 58.8% 67.8 68.8 0.1 0.1% 58.8% 67.8 68.8 0.1 0.1% 58.8% 67.8 68.8 0.1 0.1% 58.8% 67.8 68.8 0.1 0.1% 58.8% 67.8 68.8 0.1 0.1% 58.8% 67.8 68.8 0.1 0.1% 58.8% 67.8 68.8 0.1 0.1% 58.8% 67.8 68.8 0.1 0.1% 58.8% 67.8 68.8 0.1 0.1% 58.8% 67.8 68.8 0.1 0.1% 58.8% 67.8 68.8 0.1 0.1% 58.8% 67.0 68.8 0.2 0.2 0.3% 58.8% 67.0 68.8 0.2 0.2 0.3% 68.8 0.2 0.2 0.2 0.3% 68.8 0.2 0.2 0.3% 68.8 0.2 0.2 0.3% 68.8 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2										0.9%										
509% 678 681 0.3 0.4% 509% 689 687 0.8 1.2% 509% 687 0.8 0.1 0.1% 509% 67.1 67.0 0.1 0.1% 519% 68.5 0.8 0.7 0.8 0.1 0.1% 519% 67.0 0.0 0.0% 519% 68.5 0.7 0.8 0.1 0.1% 519% 67.0 0.0 0.0% 519% 68.5 0.7 0.8 0.1 0.1% 519% 67.0 0.0 0.0% 519% 67.0 0.0 0.0% 519% 68.5 0.7 0.0 0.0 0.0% 519% 68.5 0.0																				
\$19% 678 681 0.3 0.4% \$19% 683 687 0.8 1.2% \$19% 687 688 0.1 0.1% \$19% 670 670 0.0 0.0% \$2.1% \$8.2% \$1				0.3					0.8	1.2%		69.7	70.0	0.3			67.1		-0.1	-0.1%
53.1% 677 679 0.2 0.3% 53.1% 88.9 68.6 0.7 1.0% 53.1% 69.7 68.8 0.1 0.1% 53.1% 67.0 67.0 0.0 0.0% 54.2% 68.8 0.1 0.1% 54.2																				
54.7% 67.4 67.9 0.5 0.7% 55.9% 68.8 69.8 0.0 0.8 1.2% 55.9% 69.8 0.2 0.3% 55.9% 67.0 66.0 -0.1 -0.1% 55.9% 69.8 0.8 1.2% 55.9%																51.9%				
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95.1% 63.7 63.7 0.0 0.0% 95.1% 67.5 67.3 0.2 0.3% 95.1% 67.6 67.4 0.2 0.3% 95.1% 65.3 65.6 0.3 0.5% 96.3% 63.5 0.0 0.0% 96.3% 67.5 67.3 0.2 0.3% 96.3% 67.4 67.3 0.1 0.1% 96.3% 65.2 65.2 0.0 0.0% 97.5% 63.3 63.3 0.0 0.0% 97.5% 67.5 67.2 0.3 0.4% 97.5% 67.3 67.3 0.0 0.0% 97.5% 64.9 65.0 0.1 0.2% 98.8% 67.9 62.9 0.0 0.0% 98.8% 66.9 66.9 0.0 0.0% 98.8% 67.0 67.0 0.0 0.0% 98.8% 64.4 65.0 0.6 0.9%											92.6%									
96.3% 63.5 63.5 0.0 0.0% 96.3% 67.5 67.3 -0.2 -0.3% 96.3% 67.4 67.3 -0.1 -0.1% 96.3% 65.2 65.2 0.0 0.0% 97.5% 63.3 0.0 0.0% 97.5% 67.5 67.2 -0.3 -0.4% 97.5% 67.3 67.3 0.0 0.0% 97.5% 64.9 65.0 0.1 0.2% 98.8% 62.9 62.9 0.0 0.0% 98.8% 66.9 66.7 -0.2 -0.3% 98.8% 67.0 67.0 0.0 0.0% 98.8% 64.4 65.0 0.6 0.9%								67.4			93.8%								0.3	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$																				
98.8% 62.9 62.9 0.0 0.0% 98.8% 66.9 66.7 -0.2 -0.3% 98.8% 67.0 67.0 0.0 0.0% 98.8% 64.4 65.0 0.6 0.9%	96.3%	63.5		0.0	0.0%	96.3%			-0.2	-0.3%	96.3%	67.4	67.3	-0.1	-0.1%	96.3%	65.2	65.2	0.0	0.0%
100.0% 66.9 66.7 -0.2 -0.3% 100.0% 67.0 67.0 0.0 0.0% 100.0% 64.4 65.0 0.6 0.9%																				
	100.0%	62.9	62.9	0.0	0.0%	100.0%	66.9	66.7	-0.2	-0.3%	100.0%	67.0	67.0	0.0	0.0%	100.0%	64.4	65.0	0.6	0.9%

Table SQ-33-7a
Trinity River below Lewiston Dam, Monthly Temperature
Long-term Average and Average by Water Year Type

					Mon	thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	49.4	44.7	40.0	39.4	42.7	47.0	50.2	46.6	50.9	51.3	51.7	50.7
Alternative C	49.0	44.5	40.1	39.6	42.7	46.8	50.1	46.6	50.9	51.3	51.4	50.3
Difference	-0.4	-0.2	0.2	0.3	0.0	-0.2	-0.1	0.0	0.0	0.0	-0.3	-0.4
Percent Difference ³	-0.8%	-0.4%	0.4%	0.7%	0.0%	-0.4%	-0.2%	-0.1%	0.0%	-0.1%	-0.5%	-0.7
				Water Y	ear Types	2						
Wet (32%)												
No Action Alternative	47.0	44.6	41.5	40.6	43.0	45.9	49.1	45.8	48.3	50.8	51.6	48.0
Alternative C	47.1	44.6	41.6	40.7	43.0	45.7	49.0	45.8	48.3	50.8	51.3	48.
Difference	0.1	0.0	0.1	0.1	-0.1	-0.3	-0.1	0.0	0.0	-0.1	-0.3	0.3
Percent Difference	0.2%	-0.1%	0.3%	0.3%	-0.2%	-0.6%	-0.2%	0.0%	0.0%	-0.2%	-0.6%	0.69
Above Normal (15%)												
No Action Alternative	48.2	43.3	40.2	38.6	42.6	47.3	49.9	45.9	50.6	51.6	50.9	48.
Alternative C	47.9	42.9	40.2	38.6	42.6	47.3	50.0	45.9	50.4	51.3	50.4	48.
Difference	-0.4	-0.5	0.0	0.0	0.0	0.0	0.1	0.0	-0.3	-0.3	-0.5	-0.4
Percent Difference	-0.7%	-1.0%	0.0%	0.0%	0.0%	-0.1%	0.2%	-0.1%	-0.5%	-0.5%	-0.9%	-0.7
Below Normal (17%)												
No Action Alternative	50.2	44.7	39.0	38.7	41.9	46.8	51.1	46.4	51.3	52.0	52.0	51.3
Alternative C	49.7	44.7	39.4	38.8	42.0	46.7	51.0	46.4	51.3	52.1	52.1	50.9
Difference	-0.5	0.0	0.4	0.1	0.0	-0.2	-0.1	0.0	0.0	0.1	0.0	-0.3
Percent Difference	-0.9%	0.1%	1.0%	0.3%	0.1%	-0.4%	-0.2%	0.0%	0.0%	0.2%	0.0%	-0.6
Dry (22%)												
No Action Alternative	49.5	45.0	39.6	38.4	42.4	47.9	51.4	46.7	51.9	50.7	50.1	50.3
Alternative C	49.0	44.6	39.7	39.1	42.4	47.7	51.1	46.8	52.0	50.6	50.7	50.0
Difference	-0.4	-0.4	0.1	0.6	0.0	-0.2	-0.3	0.0	0.0	-0.1	0.5	-0.3
Percent Difference	-0.9%	-0.9%	0.3%	1.6%	0.0%	-0.5%	-0.6%	0.0%	0.1%	-0.2%	1.0%	-0.7
Critical (15%)												
No Action Alternative	54.5	45.7	38.2	39.4	43.1	48.0	50.2	49.3	55.5	52.5	54.4	56.0
Alternative C	53.0	45.4	38.5	39.9	43.2	47.8	50.3	49.0	55.4	52.7	52.7	54.
Difference	-1.5	-0.3	0.2	0.5	0.0	-0.2	0.0	-0.3	0.0	0.2	-1.7	-1.8
Percent Difference	-2.8%	-0.7%	0.6%	1.3%	0.1%	-0.4%	0.1%	-0.6%	0.0%	0.5%	-3.1%	-3.2

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



Figure SQ-33-7b Trinity River below Lewiston Dam, Monthly Temperature Probability of Exceedance

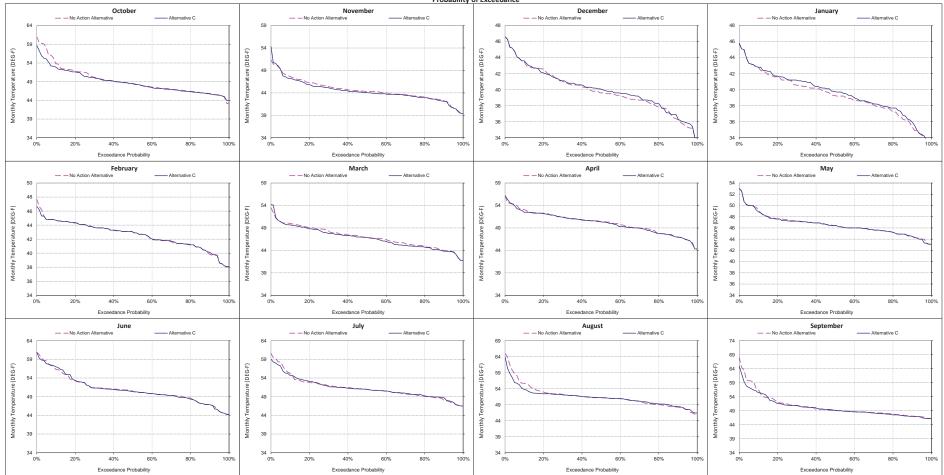


Table SQ-33-7b
Trinity River below Lewiston Dam, Monthly Temperature Probability of Exceedance

-		October			-		November					December			-		January		
Percent	No Action Alternative	Alternative C	Absolute		Percent	No Action Alternative	Alternative C	Absolute		Percent	No Action Alternative	Alternative C	Absolute		Percent	No Action Alternative	Alternative C	Absolute	
Exceedance			Difference	Relative	Exceedance			Difference	Relative	Exceedance			- Difference	Relative	Exceedance			Difference	Relative
Probability		Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	61.0	58.7	-2.3	-3.8%	0.0%	51.3	54.3	3.0	5.8%	0.0%	46.6	46.6	0.0	0.0%	0.0%	45.8	45.8	0.0	0.0%
1.2%	59.5	57.3	-2.2	-3.7%	1.2%	50.4	50.7	0.3	0.6%	1.2%	46.3	46.3	0.0	0.0%	1.2%	45.1	45.1	0.0	0.0%
2.5%	59.3	55.9	-3.4	-5.7%	2.5%	50.3	50.6	0.3	0.6%	2.5%	45.3	45.3	0.0	0.0%	2.5%	45.0	45.0	0.0	0.0%
3.7%	59.1	55.3	-3.8	-6.4%	3.7%	50.1	49.9	-0.2	-0.4%	3.7%	45.2	45.2	0.0	0.0%	3.7%	44.0	44.0	0.0	0.0%
4.9%	58.1	55.1	-3.0	-5.2%	4.9%	49.3	49.3	0.0	0.0%	4.9%	44.8	44.8	0.0	0.0%	4.9%	43.3	43.3	0.0	0.0%
6.2%	56.1	54.2	-1.9	-3.4%	6.2%	48.4	47.8	-0.6	-1.2%	6.2%	44.1	44.1	0.0	0.0%	6.2%	43.2	43.2	0.0	0.0%
7.4%	56.1	53.2	-2.9	-5.2%	7.4%	48.1	47.6	-0.5	-1.0%	7.4%	43.9	43.9	0.0	0.0%	7.4%	43.1	43.1	0.0	0.0%
8.6%	55.4	53.1	-2.3	-4.2%	8.6%	47.8	47.3	-0.5	-1.0%	8.6%	43.6	43.6	0.0	0.0%	8.6%	42.9	42.9	0.0	0.0%
9.9%	53.8	52.9	-0.9	-1.7%	9.9%	47.7	47.2	-0.5	-1.0%	9.9%	43.5	43.6	0.1	0.2%	9.9%	42.8	42.8	0.0	0.0%
11.1%	53.7	52.4	-1.3	-2.4%	11.1%	47.4	47.1	-0.3	-0.6%	11.1%	43.0	43.3	0.3	0.7%	11.1%	42.4	42.8	0.4	0.9%
12.3%	52.6	52.2	-0.4	-0.8%	12.3%	47.3	46.9	-0.4	-0.8%	12.3%	42.8	43.0	0.2	0.5%	12.3%	42.3	42.4	0.1	0.2%
13.6%	52.4	52.2	-0.2	-0.4%	13.6%	47.0	46.8	-0.2	-0.4%	13.6%	42.8	42.9	0.1	0.2%	13.6%	42.2	42.4	0.2	0.5%
14.8%	52.4	52.0	-0.4	-0.8%	14.8%	47.0	46.7	-0.3	-0.6%	14.8%	42.7	42.7	0.0	0.0%	14.8%	41.9	42.3	0.4	1.0%
16.0%	52.3	52.0	-0.3	-0.6%	16.0%	46.9	46.5	-0.4	-0.9%	16.0%	42.7	42.7	0.0	0.0%	16.0%	41.8	42.3	0.5	1.2%
17.3%	52.2	51.8	-0.4	-0.8%	17.3%	46.7	46.3	-0.4	-0.9%	17.3%	42.7	42.6	-0.1	-0.2%	17.3%	41.7	41.9	0.2	0.5%
18.5%	52.1	51.6	-0.5	-1.0%	18.5%	46.4	45.9	-0.5	-1.1%	18.5%	42.6	42.2	-0.4	-0.9%	18.5%	41.6	41.7	0.1	0.2%
19.8%	51.8	51.6	-0.2	-0.4%	19.8%	46.3	45.9	-0.4	-0.9%	19.8%	42.6	42.1	-0.5	-1.2%	19.8%	41.6	41.7	0.1	0.2%
21.0%	51.7	51.5	-0.2	-0.4%	21.0%	46.3	45.7	-0.4	-1.3%	21.0%	42.3	42.0	-0.3	-0.7%	21.0%	41.5	41.6	0.1	0.2%
22.2%	51.6	51.4	-0.2	-0.4%	22.2%	46.2	45.4	-0.8	-1.7%	22.2%	42.0	41.9	-0.1	-0.2%	22.2%	41.2	41.6	0.4	1.0%
23.5%	51.6	50.9	-0.7	-1.4%	23.5%	46.0	45.4	-0.6	-1.3%	23.5%	41.9	41.8	-0.1	-0.2%	23.5%	41.2	41.5	0.3	0.7%
24.7%	51.5	50.4	-1.1	-2.1%	24.7%	45.9	45.4	-0.5	-1.1%	24.7%	41.8	41.6	-0.1	-0.5%	24.7%	41.2	41.3	0.1	0.2%
25.9%	51.4	50.4	-1.0	-1.9%	25.9%	45.7	45.4 45.4	-0.5	-0.7%	25.9%	41.5	41.5	0.0	0.0%	25.9%	41.2	41.3	0.0	0.0%
25.9%	50.9	50.4	-0.7	-1.9%	25.9%	45.7 45.7	45.4	-0.3	-0.7%	25.9%	41.3	41.5	0.0	0.0%	25.9%	41.2	41.2	0.0	0.0%
	50.9		-0.7		27.2%	45.7 45.5	45.3 45.2	-0.4	-0.7%	28.4%	41.3 41.1	41.4 41.2	0.1			41.1 40.6	41.2 41.2	0.1	1.5%
28.4%		50.1		-0.6%										0.2%	28.4%				
29.6%	50.2	50.1 49.8	-0.1	-0.2%	29.6%	45.5	45.2	-0.3	-0.7%	29.6%	41.1	41.1	0.0	0.0%	29.6%	40.6 40.5	41.2	0.6	1.5%
30.9% 32.1%	50.1 49.8	49.8 49.8	-0.3	-0.6%	30.9% 32.1%	45.3	45.0 44.9	-0.3	-0.7%	30.9%	40.9	41.1 40.9	0.2	0.5%	30.9% 32.1%	40.5 40.5	41.1 41.1	0.6 0.6	1.5%
			0.0	0.0%		45.2		-0.3	-0.7%	32.1%	40.8			0.2%					1.5%
33.3% 34.6%	49.7 49.6	49.6 49.4	-0.1	-0.2% -0.4%	33.3% 34.6%	45.1 45.0	44.8 44.7	-0.3	-0.7%	33.3% 34.6%	40.7	40.8	0.1	0.2%	33.3% 34.6%	40.4 40.4	41.0 41.0	0.6	1.5%
			-0.2					-0.3	-0.7%		40.6	40.8	0.2						1.5%
35.8%	49.3	49.3	0.0	0.0%	35.8%	45.0	44.7	-0.3	-0.7%	35.8%	40.6	40.8	0.2	0.5%	35.8%	40.3	40.9	0.6	1.5%
37.0%	49.3	49.3	0.0	0.0%	37.0%	45.0	44.5	-0.5	-1.1%	37.0%	40.6	40.6	0.0	0.0%	37.0%	40.2	40.9	0.7	1.7%
38.3%	49.3	49.3	0.0	0.0%	38.3%	44.8	44.5	-0.3	-0.7%	38.3%	40.6	40.6	0.0	0.0%	38.3%	40.2	40.6	0.4	1.0%
39.5%	49.1	49.2	0.1	0.2%	39.5%	44.8	44.5	-0.3	-0.7%	39.5%	40.4	40.6	0.2	0.5%	39.5%	40.2	40.4	0.2	0.5%
40.7%	49.0	49.0	0.0	0.0%	40.7%	44.6	44.3	-0.3	-0.7%	40.7%	40.3	40.5	0.2	0.5%	40.7%	40.1	40.4	0.3	0.7%
42.0%	48.9	49.0	0.1	0.2%	42.0%	44.5	44.3	-0.2	-0.4%	42.0%	40.3	40.3	0.0	0.0%	42.0%	40.1	40.3	0.2	0.5%
43.2%	48.9	48.9	0.0	0.0%	43.2%	44.5	44.3	-0.2	-0.4%	43.2%	40.2	40.3	0.1	0.2%	43.2%	39.9	40.2	0.3	0.8%
44.4%	48.7	48.8	0.1	0.2%	44.4%	44.5	44.3	-0.2	-0.4%	44.4%	39.9	40.3	0.4	1.0%	44.4%	39.8	40.2	0.4	1.0%
45.7%	48.7	48.8	0.1	0.2%	45.7%	44.5	44.2	-0.3	-0.7%	45.7%	39.8	40.2	0.4	1.0%	45.7%	39.7	40.1	0.4	1.0%
46.9%	48.7	48.7	0.0	0.0%	46.9%	44.4	44.2	-0.2	-0.5%	46.9%	39.8	40.2	0.4	1.0%	46.9%	39.6	40.1	0.5	1.3%
48.1%	48.5	48.5	0.0	0.0%	48.1%	44.4	44.1	-0.3	-0.7%	48.1%	39.8	40.1	0.3	0.8%	48.1%	39.3	39.8	0.5	1.3%
49.4%	48.5	48.5	0.0	0.0%	49.4%	44.3	44.1	-0.2	-0.5%	49.4%	39.6	40.1	0.5	1.3%	49.4%	39.3	39.8	0.5	1.3%
50.6%	48.5	48.3	-0.2	-0.4%	50.6%	44.3	44.0	-0.3	-0.7%	50.6%	39.6	40.0	0.4	1.0%	50.6%	39.2	39.7	0.5	1.3%
51.9%	48.2	48.2	0.0	0.0%	51.9%	44.3	44.0	-0.3	-0.7%	51.9%	39.6	39.9	0.3	0.8%	51.9%	39.2	39.7	0.5	1.3%
53.1%	48.2	48.2	0.0	0.0%	53.1%	44.3	43.9	-0.4	-0.9%	53.1%	39.5	39.8	0.3	0.8%	53.1%	39.2	39.7	0.5	1.3%
54.3%	48.0	48.0	0.0	0.0%	54.3%	44.3	43.9	-0.4	-0.9%	54.3%	39.5	39.8	0.3	0.8%	54.3%	39.2	39.5	0.3	0.8%
55.6%	47.9	47.8	-0.1	-0.2%	55.6%	44.3	43.8	-0.5	-1.1%	55.6%	39.5	39.8	0.3	0.8%	55.6%	39.0	39.5	0.5	1.3%
56.8%	47.8	47.7	-0.1	-0.2%	56.8%	44.1	43.8	-0.3	-0.7%	56.8%	39.4	39.6	0.2	0.5%	56.8%	38.9	39.3	0.4	1.0%
58.0%	47.8	47.6	-0.2	-0.4%	58.0%	44.1	43.8	-0.3	-0.7%	58.0%	39.3	39.6	0.3	0.8%	58.0%	38.9	39.3	0.4	1.0%
59.3%	47.6	47.5	-0.1	-0.2%	59.3%	44.0	43.8	-0.2	-0.5%	59.3%	39.3	39.6	0.3	0.8%	59.3%	38.7	39.1	0.4	1.0%
60.5%	47.5	47.3	-0.2	-0.4%	60.5%	44.0	43.7	-0.3	-0.7%	60.5%	39.2	39.5	0.3	0.8%	60.5%	38.7	38.9	0.2	0.5%
61.7%	47.5	47.2	-0.3	-0.6%	61.7%	43.8	43.7	-0.1	-0.2%	61.7%	39.1	39.5	0.4	1.0%	61.7%	38.6	38.8	0.2	0.5%
63.0%	47.4	47.2	-0.2	-0.4%	63.0%	43.7	43.7	0.0	0.0%	63.0%	39.0	39.5	0.5	1.3%	63.0%	38.6	38.6	0.0	0.0%
64.2%	47.2	47.2	0.0	0.0%	64.2%	43.7	43.7	0.0	0.0%	64.2%	38.9	39.4	0.5	1.3%	64.2%	38.6	38.6	0.0	0.0%
65.4%	47.2	47.1	-0.1	-0.2%	65.4%	43.7	43.6	-0.1	-0.2%	65.4%	38.8	39.3	0.5	1.3%	65.4%	38.5	38.6	0.1	0.3%
66.7%	47.2	47.0	-0.2	-0.4%	66.7%	43.7	43.6	-0.1	-0.2%	66.7%	38.8	39.3	0.5	1.3%	66.7%	38.4	38.5	0.1	0.3%
67.9%	47.2	47.0	-0.2	-0.4%	67.9%	43.7	43.6	-0.1	-0.2%	67.9%	38.8	39.2	0.4	1.0%	67.9%	38.3	38.4	0.1	0.3%
69.1%	47.0	46.9	-0.1	-0.2%	69.1%	43.6	43.5	-0.1	-0.2%	69.1%	38.7	39.2	0.5	1.3%	69.1%	38.2	38.3	0.1	0.3%
70.4%	46.9	46.9	0.0	0.0%	70.4%	43.6	43.4	-0.2	-0.5%	70.4%	38.7	39.0	0.3	0.8%	70.4%	38.0	38.2	0.2	0.5%
71.6%	46.9	46.8	-0.1	-0.2%	71.6%	43.4	43.4	0.0	0.0%	71.6%	38.7	38.7	0.0	0.0%	71.6%	37.9	38.2	0.3	0.8%
72.8%	46.8	46.8	0.0	0.0%	72.8%	43.4	43.3	-0.1	-0.2%	72.8%	38.6	38.7	0.1	0.3%	72.8%	37.9	38.1	0.2	0.5%
74.1%	46.8	46.6	-0.2	-0.4%	74.1%	43.3	43.2	-0.1	-0.2%	74.1%	38.5	38.7	0.2	0.5%	74.1%	37.8	38.0	0.2	0.5%
75.3%	46.7	46.5	-0.2	-0.4%	75.3%	43.3	43.2	-0.1	-0.2%	75.3%	38.3	38.6	0.3	0.8%	75.3%	37.7	37.9	0.2	0.5%
76.5%	46.7	46.5	-0.2	-0.4%	76.5%	43.2	43.0	-0.1	-0.5%	76.5%	38.3	38.6	0.3	0.8%	76.5%	37.7	37.9	0.2	0.5%
77.8%	46.5	46.4	-0.1	-0.2%	77.8%	43.2	43.0	-0.2	-0.5%	77.8%	38.1	38.3	0.2	0.5%	77.8%	37.7	37.8	0.1	0.3%
79.0%	46.4	46.3	-0.1	-0.2%	79.0%	43.1	43.0	-0.2	-0.2%	79.0%	37.9	38.3	0.4	1.1%	79.0%	37.4	37.7	0.1	0.8%
80.2%	46.4	46.3	-0.1	-0.2%	80.2%	43.1	42.9	-0.1	-0.5%	80.2%	37.8	38.2	0.4	1.1%	80.2%	37.2	37.7	0.5	1.3%
81.5%	46.4 46.4	46.3 46.2	-0.1	-0.2%	81.5%	42.9	42.9	0.0	0.0%	81.5%	37.7	37.7	0.4	0.0%	81.5%	37.2	37.7	0.5	1.3%
82.7%	46.3	46.2	-0.2	-0.4%	82.7%	42.7	42.9	0.0	0.0%	82.7%	37.7	37.6	-0.1	-0.3%	82.7%	36.8	37.4	0.6	1.6%
82.7% 84.0%	46.3 46.2	46.2 46.1	-0.1	-0.2%	82.7% 84.0%	42.7 42.7	42.7	-0.1	-0.2%	82.7% 84.0%	37.7	37.b 37.1	-0.1	-0.3%	82.7% 84.0%	36.8 36.7	37.4	0.6	1.6%
84.0% 85.2%	46.2 46.0	46.1 46.0	-0.1	0.0%	84.0% 85.2%	42.7 42.6	42.6 42.6	-0.1	-0.2%				-0.5	-1.3% -0.5%	84.0% 85.2%	36.7 36.3	37.3	0.6	
			0.0							85.2%	37.3	37.1							1.4%
86.4%	46.0	46.0	0.0	0.0%	86.4%	42.6	42.4	-0.2	-0.5%	86.4%	36.8	36.9	0.1	0.3%	86.4%	36.2	36.7	0.5	1.4%
87.7%	45.9	45.9	0.0	0.0%	87.7%	42.5	42.3	-0.2	-0.5%	87.7%	36.5	36.9	0.4	1.1%	87.7%	36.2	36.3	0.1	0.3%
88.9%	45.9	45.8	-0.1	-0.2%	88.9%	42.5	42.2	-0.3	-0.7%	88.9%	36.4	36.9	0.5	1.4%	88.9%	35.8	36.2	0.4	1.1%
90.1%	45.8	45.7	-0.1	-0.2%	90.1%	42.2	42.1	-0.1	-0.2%	90.1%	36.2	36.3	0.1	0.3%	90.1%	35.3	35.9	0.6	1.7%
91.4%	45.8	45.6	-0.2	-0.4%	91.4%	42.1	42.1	0.0	0.0%	91.4%	35.9	36.1	0.2	0.6%	91.4%	34.9	35.5	0.6	1.7%
92.6%	45.5	45.5	0.0	0.0%	92.6%	41.7	41.2	-0.5	-1.2%	92.6%	35.7	36.0	0.3	0.8%	92.6%	34.9	34.9	0.0	0.0%
93.8%	45.4	45.5	0.1	0.2%	93.8%	40.9	40.8	-0.1	-0.2%	93.8%	35.5	35.9	0.4	1.1%	93.8%	34.5	34.5	0.0	0.0%
95.1%	45.3	45.4	0.1	0.2%	95.1%	40.6	40.6	0.0	0.0%	95.1%	35.3	35.8	0.5	1.4%	95.1%	34.3	34.4	0.1	0.3%
96.3%	45.2	45.2	0.0	0.0%	96.3%	40.4	40.4	0.0	0.0%	96.3%	35.2	35.7	0.5	1.4%	96.3%	34.2	34.2	0.0	0.0%
97.5%	45.0	45.0	0.0	0.0%	97.5%	39.7	39.9	0.2	0.5%	97.5%	35.2	35.4	0.2	0.6%	97.5%	33.7	33.7	0.0	0.0%
98.8%	43.2	44.0	0.8	1.9%	98.8%	39.5	39.4	-0.1	-0.3%	98.8%	34.0	34.0	0.0	0.0%	98.8%	29.5	29.5	0.0	0.0%
100.0%	43.2	44.0	0.8	1.9%	100.0%	39.5	39.4	-0.1	-0.3%	100.0%	34.0	34.0	0.0	0.0%	100.0%	29.5	29.5	0.0	0.0%
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Table SQ-33-7b
Trinity River below Lewiston Dam, Monthly Temperature Probability of Exceedance

										of Exceedance									
Percent		February			Percent		March			Percent		April			Percent		May		
Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative
Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
0.0%	(DEG-F) 47.7	(DEG-F) 46.7	-1.0	-2.1%	(%) 0.0%	(DEG-F) 53.5	(DEG-F) 54.2	0.7	1.3%		(DEG-F) 56.2	(DEG-F) 56.2	0.0	0.0%		(DEG-F) 53.0	(DEG-F) 53.0	0.0	0.0%
1.2%	46.7	46.2	-0.5	-1.1%	1.2%	52.4	54.1	1.7	3.2%	1.2%	54.7	55.4	0.7	1.3%	1.2%	52.6	52.6	0.0	0.0%
2.5%	46.2	45.3	-0.9	-1.9%	2.5%	51.2	51.4	0.2	0.4%	2.5%	54.5	54.6	0.1	0.2%	2.5%	50.8	50.7	-0.1	-0.2%
3.7%	45.3 44.8	45.3 44.8	0.0	0.0%	3.7% 4.9%	50.7 50.4	50.7 50.4	0.0	0.0%	3.7% 4.9%	54.3 54.3	54.4 54.0	0.1 -0.3	0.2%	3.7% 4.9%	50.1 50.0	50.2 50.0	0.1	0.2%
6.2%	44.8	44.8	0.0	0.0%	6.2%	50.4	50.4	0.0	0.0%	6.2%	54.0	53.3	-0.3	-1.3%	6.2%	50.0	50.0	0.0	0.0%
7.4%	44.8	44.8	0.0	0.0%	7.4%	50.1	49.8	-0.3	-0.6%	7.4%	53.3	53.1	-0.2	-0.4%	7.4%	49.8	50.0	0.2	0.4%
8.6% 9.9%	44.8 44.7	44.8 44.7	0.0	0.0%	8.6% 9.9%	50.1 50.0	49.7 49.7	-0.4 -0.3	-0.8% -0.6%	8.6% 9.9%	53.2 53.1	52.9 52.5	-0.3 -0.6	-0.6% -1.1%	8.6% 9.9%	49.7 49.3	49.3 48.9	-0.4 -0.4	-0.8%
11.1%	44.7	44.7	0.0	0.0%	11.1%	49.9	49.7	-0.3	-0.6%	11.1%	53.1	52.5 52.5	-0.6	-0.8%	11.1%	49.3	48.7	0.0	-0.8% 0.0%
12.3%	44.6	44.6	0.0	0.0%	12.3%	49.8	49.5	-0.3	-0.6%	12.3%	52.5	52.4	-0.1	-0.2%	12.3%	48.3	48.4	0.1	0.2%
13.6%	44.5	44.5	0.0	0.0%	13.6%	49.7	49.4	-0.3	-0.6%	13.6%	52.5	52.4	-0.1	-0.2%	13.6%	48.1	48.2	0.1	0.2%
14.8% 16.0%	44.5 44.5	44.5 44.5	0.0	0.0%	14.8% 16.0%	49.6 49.4	49.3 49.2	-0.3 -0.2	-0.6% -0.4%	14.8% 16.0%	52.4 52.4	52.3 52.3	-0.1 -0.1	-0.2% -0.2%	14.8% 16.0%	48.1 47.9	48.0 47.7	-0.1 -0.2	-0.2% -0.4%
17.3%	44.4	44.4	0.0	0.0%	17.3%	49.3	49.2	-0.2	-0.2%	17.3%	52.3	52.3	0.0	0.0%	17.3%	47.8	47.7	-0.2	-0.2%
18.5%	44.4	44.4	0.0	0.0%	18.5%	49.2	49.0	-0.2	-0.4%	18.5%	52.3	52.3	0.0	0.0%	18.5%	47.7	47.6	-0.1	-0.2%
19.8%	44.4	44.3	-0.1	-0.2%	19.8%	49.1	48.8	-0.3	-0.6%	19.8%	52.3	52.2	-0.1	-0.2%	19.8%	47.6	47.6	0.0	0.0%
21.0% 22.2%	44.3 44.1	44.3 44.1	0.0	0.0%	21.0% 22.2%	49.1 49.0	48.8 48.7	-0.3 -0.3	-0.6% -0.6%	21.0% 22.2%	52.3 52.2	52.1 52.0	-0.2 -0.2	-0.4% -0.4%	21.0% 22.2%	47.6 47.6	47.6 47.3	0.0 -0.3	0.0% -0.6%
23.5%	44.1	44.1	0.0	0.0%	23.5%	48.8	48.7	-0.1	-0.2%	23.5%	51.9	51.9	0.0	0.0%	23.5%	47.5	47.3	-0.2	-0.4%
24.7%	44.1	44.1	0.0	0.0%	24.7%	48.8	48.6	-0.2	-0.4%	24.7%	51.8	51.9	0.1	0.2%	24.7%	47.5	47.3	-0.2	-0.4%
25.9% 27.2%	44.0 44.0	44.0 43.8	0.0 -0.2	0.0%	25.9% 27.2%	48.8 48.7	48.3 48.0	-0.5 -0.7	-1.0% -1.4%	25.9% 27.2%	51.8 51.5	51.8 51.6	0.0	0.0%	25.9% 27.2%	47.3 47.3	47.2 47.2	-0.1 -0.1	-0.2% -0.2%
28.4%	43.8	43.8	0.0	0.0%	28.4%	48.7	48.0	-0.7	-1.4%	28.4%	51.5	51.5	0.0	0.2%	28.4%	47.3	47.2	-0.1	-0.2%
29.6%	43.7	43.7	0.0	0.0%	29.6%	48.5	47.8	-0.7	-1.4%	29.6%	51.4	51.4	0.0	0.0%	29.6%	47.2	47.2	0.0	0.0%
30.9%	43.6	43.6	0.0	0.0%	30.9%	48.0	47.8	-0.2	-0.4%	30.9%	51.3	51.4	0.1	0.2%	30.9%	47.2	47.2	0.0	0.0%
32.1% 33.3%	43.6 43.6	43.6 43.6	0.0	0.0%	32.1% 33.3%	48.0 47.9	47.8 47.6	-0.2 -0.3	-0.4% -0.6%	32.1% 33.3%	51.2 51.2	51.2 51.1	0.0 -0.1	0.0% -0.2%	32.1% 33.3%	47.2 47.1	47.1 47.1	-0.1 0.0	-0.2% 0.0%
34.6%	43.6	43.6	0.0	0.0%	34.6%	47.9	47.6	-0.3	-0.6%	34.6%	51.1	51.0	-0.1	-0.2%	34.6%	47.1	47.1	0.0	0.0%
35.8%	43.5	43.5	0.0	0.0%	35.8%	47.6	47.5	-0.1	-0.2%	35.8%	51.1	51.0	-0.1	-0.2%	35.8%	47.0	47.0	0.0	0.0%
37.0% 38.3%	43.5 43.3	43.5 43.3	0.0	0.0%	37.0%	47.6 47.6	47.4 47.3	-0.2 -0.3	-0.4%	37.0%	51.0	51.0 50.9	0.0	0.0%	37.0% 38.3%	47.0 47.0	47.0 46.9	0.0	0.0%
39.5%	43.3	43.3	0.0	0.0%	38.3% 39.5%	47.5	47.3	-0.3	-0.6% -0.4%	38.3% 39.5%	51.0 50.9	50.8	-0.1 -0.1	-0.2% -0.2%	39.5%	46.9	46.9	-0.1 0.0	-0.2% 0.0%
40.7%	43.2	43.3	0.1	0.2%	40.7%	47.4	47.3	-0.1	-0.2%	40.7%	50.8	50.7	-0.1	-0.2%	40.7%	46.9	46.9	0.0	0.0%
42.0%	43.2	43.2	0.0	0.0%	42.0%	47.4	47.2	-0.2	-0.4%	42.0%	50.7	50.7	0.0	0.0%	42.0%	46.9	46.9	0.0	0.0%
43.2% 44.4%	43.2 43.1	43.2 43.1	0.0	0.0%	43.2% 44.4%	47.3 47.3	47.2 47.0	-0.1 -0.3	-0.2% -0.6%	43.2% 44.4%	50.7 50.6	50.7 50.6	0.0	0.0%	43.2% 44.4%	46.9 46.7	46.7 46.7	-0.2 0.0	-0.4%
45.7%	43.1	43.1	0.0	0.0%	45.7%	47.2	47.0	-0.2	-0.4%	45.7%	50.6	50.6	0.0	0.0%	45.7%	46.6	46.6	0.0	0.0%
46.9%	43.1	43.1	0.0	0.0%	46.9%	47.0	47.0	0.0	0.0%	46.9%	50.6	50.6	0.0	0.0%	46.9%	46.6	46.4	-0.2	-0.4%
48.1%	43.1	43.1	0.0	0.0%	48.1%	47.0	46.9	-0.1	-0.2%	48.1%	50.6	50.4	-0.2	-0.4%	48.1%	46.5	46.4	-0.1	-0.2%
49.4% 50.6%	43.1 42.9	43.1 42.9	0.0	0.0%	49.4% 50.6%	46.9 46.8	46.9 46.8	0.0	0.0%	49.4% 50.6%	50.4 50.4	50.4 50.3	0.0 -0.1	0.0% -0.2%	49.4% 50.6%	46.4 46.4	46.4 46.4	0.0	0.0%
51.9%	42.9	42.9	0.0	0.0%	51.9%	46.7	46.8	0.1	0.2%	51.9%	50.4	50.3	-0.1	-0.2%	51.9%	46.2	46.2	0.0	0.0%
53.1%	42.7	42.7	0.0	0.0%	53.1%	46.7	46.7	0.0	0.0%	53.1%	50.3	50.2	-0.1	-0.2%	53.1%	46.2	46.2	0.0	0.0%
54.3% 55.6%	42.7 42.7	42.7 42.7	0.0	0.0%	54.3% 55.6%	46.7 46.7	46.6 46.5	-0.1 -0.2	-0.2% -0.4%	54.3% 55.6%	50.3 50.1	50.0 50.0	-0.3 -0.1	-0.6% -0.2%	54.3% 55.6%	46.1 46.1	46.1 46.0	0.0 -0.1	0.0% -0.2%
56.8%	42.6	42.6	0.0	0.0%	56.8%	46.6	46.3	-0.2	-0.6%	56.8%	50.0	49.8	-0.2	-0.4%	56.8%	46.0	46.0	0.0	0.0%
58.0%	42.4	42.4	0.0	0.0%	58.0%	46.6	46.1	-0.5	-1.1%	58.0%	50.0	49.7	-0.3	-0.6%	58.0%	46.0	46.0	0.0	0.0%
59.3% 60.5%	42.0 41.9	42.1 42.0	0.1	0.2%	59.3% 60.5%	46.5 46.3	46.1 45.9	-0.4 -0.4	-0.9% -0.9%	59.3% 60.5%	49.9 49.7	49.3 49.3	-0.6 -0.4	-1.2% -0.8%	59.3% 60.5%	46.0 46.0	46.0 46.0	0.0	0.0%
61.7%	41.9	41.9	0.0	0.0%	61.7%	46.1	45.7	-0.4	-0.9%	61.7%	49.6	49.3	-0.4	-0.6%	61.7%	46.0	46.0	0.0	0.0%
63.0%	41.9	41.9	0.0	0.0%	63.0%	46.0	45.7	-0.3	-0.7%	63.0%	49.3	49.2	-0.1	-0.2%	63.0%	46.0	46.0	0.0	0.0%
64.2% 65.4%	41.8 41.8	41.9 41.8	0.1	0.2%	64.2% 65.4%	45.9 45.8	45.3 45.3	-0.6 -0.5	-1.3%	64.2%	49.3 49.1	49.1 49.1	-0.2 0.0	-0.4%	64.2% 65.4%	46.0 45.9	45.9 45.9	-0.1 0.0	-0.2%
66.7%	41.8	41.6	0.0	0.0%	66.7%	45.6 45.7	45.3	-0.5	-1.1% -1.1%	65.4% 66.7%	49.1	49.1	-0.1	0.0%	66.7%	45.9 45.8	45.9 45.9	0.0	0.0%
67.9%	41.7	41.8	0.1	0.2%	67.9%	45.7	45.2	-0.5	-1.1%	67.9%	49.0	49.0	0.0	0.0%	67.9%	45.7	45.7	0.0	0.0%
69.1%	41.7	41.8	0.1	0.2%	69.1%	45.7	45.1	-0.6	-1.3%	69.1%	49.0	49.0	0.0	0.0%	69.1%	45.7	45.7	0.0	0.0%
70.4% 71.6%	41.6 41.4	41.7 41.6	0.1	0.2%	70.4% 71.6%	45.4 45.3	45.1 45.0	-0.3 -0.3	-0.7% -0.7%	70.4% 71.6%	49.0 48.9	48.9 48.8	-0.1 -0.1	-0.2% -0.2%	70.4% 71.6%	45.6 45.6	45.6 45.6	0.0	0.0%
72.8%	41.4	41.4	0.2	0.0%	72.8%	45.3	45.0	-0.3	-0.7%	72.8%	48.9	48.7	-0.1	-0.4%	72.8%	45.6	45.6	0.0	0.0%
74.1%	41.4	41.4	0.0	0.0%	74.1%	45.2	44.9	-0.3	-0.7%	74.1%	48.8	48.4	-0.4	-0.8%	74.1%	45.5	45.5	0.0	0.0%
75.3% 76.5%	41.4 41.4	41.4 41.3	0.0 -0.1	0.0%	75.3% 76.5%	45.1 45.1	44.9 44.8	-0.2 -0.3	-0.4% -0.7%	75.3% 76.5%	48.7 48.5	48.4 48.2	-0.3 -0.3	-0.6% -0.6%	75.3% 76.5%	45.5 45.4	45.5 45.4	0.0	0.0%
77.8%	41.4	41.3	0.0	0.0%	76.5%	45.1	44.8	-0.3	-0.7%	77.8%	48.4	48.0	-0.3	-0.8%	77.8%	45.4 45.4	45.4 45.4	0.0	0.0%
79.0%	41.3	41.2	-0.1	-0.2%	79.0%	45.0	44.8	-0.2	-0.4%	79.0%	47.9	47.8	-0.1	-0.2%	79.0%	45.3	45.3	0.0	0.0%
80.2%	41.2	41.2	0.0	0.0%	80.2%	44.9	44.7	-0.2	-0.4%	80.2%	47.8	47.8	0.0	0.0%	80.2%	45.2	45.2	0.0	0.0%
81.5% 82.7%	41.2 40.9	41.2 40.9	0.0	0.0%	81.5% 82.7%	44.7 44.7	44.6 44.6	-0.1 -0.1	-0.2% -0.2%	81.5% 82.7%	47.7 47.7	47.7 47.7	0.0	0.0%	81.5% 82.7%	44.9 44.9	45.0 44.9	0.1	0.2%
84.0%	40.9	40.9	0.0	0.0%	84.0%	44.7	44.0	-0.1	-1.1%	84.0%	47.5	47.6	0.0	0.0%	84.0%	44.9	44.9	0.0	0.0%
85.2%	40.8	40.8	0.0	0.0%	85.2%	44.6	44.2	-0.4	-0.9%	85.2%	47.5	47.5	0.0	0.0%	85.2%	44.9	44.9	0.0	0.0%
86.4% 87.7%	40.5 40.4	40.5 40.4	0.0	0.0%	86.4% 87.7%	44.5 44.2	44.2 44.1	-0.3 -0.1	-0.7% -0.2%	86.4% 87.7%	47.3 47.2	47.5 47.2	0.2	0.4%	86.4% 87.7%	44.8 44.7	44.9 44.6	0.1 -0.1	0.2%
87.7%	40.4 40.1	40.4	0.0	0.0%	87.7% 88.9%	44.2 44.1	44.1	-0.1	-0.2% -0.5%	88.9%	47.2 47.0	47.2	0.0	0.0%	87.7% 88.9%	44.7 44.6	44.6 44.6	0.0	-0.2% 0.0%
90.1%	39.8	40.1	0.3	0.8%	90.1%	44.0	43.8	-0.2	-0.5%	90.1%	47.0	46.9	-0.1	-0.2%	90.1%	44.4	44.5	0.1	0.2%
91.4%	39.7	39.8	0.1	0.3%	91.4%	43.9	43.8	-0.1	-0.2%	91.4%	46.9	46.9	0.0	0.0%	91.4%	44.3	44.3	0.0	0.0%
92.6% 93.8%	39.7 39.7	39.8 39.7	0.1	0.3%	92.6% 93.8%	43.8 43.8	43.7 43.7	-0.1 -0.1	-0.2% -0.2%	92.6% 93.8%	46.7 46.4	46.7 46.5	0.0	0.0%	92.6% 93.8%	44.2 44.2	44.2 44.0	0.0 -0.2	0.0% -0.5%
95.1%	38.6	38.6	0.0	0.0%	95.1%	43.7	43.6	-0.1	-0.2%	95.1%	46.3	46.3	0.0	0.2%	95.1%	44.0	44.0	0.0	0.0%
96.3%	38.5	38.5	0.0	0.0%	96.3%	43.1	43.1	0.0	0.0%	96.3%	46.1	46.1	0.0	0.0%	96.3%	44.0	43.3	-0.7	-1.6%
97.5%	38.2	38.2	0.0	0.0%	97.5% 98.8%	42.3	42.3 41.7	0.0	0.0%	97.5% 98.8%	45.7	45.4 44.3	-0.3	-0.7%	97.5% 98.8%	43.2	43.3	0.1	0.2%
98.8% 100.0%	38.0 38.0	38.1 38.1	0.1	0.3%	98.8%	41.7 41.7	41.7 41.7	0.0	0.0%	98.8%	44.3 44.3	44.3 44.3	0.0	0.0%	98.8%	43.1 43.1	43.1 43.1	0.0	0.0%
100.070	00.0	00.1	0.1	0.070	100.070			0.0	0.070	100.070		11.0	0.0	0.070	100.070	10.1	10.1	0.0	0.070

Table SQ-33-7b
Trinity River below Lewiston Dam, Monthly Temperature Probability of Exceedance

									Probability	of Exceedance									
Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative
Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)
0.0%	(DEG-F) 60.9	(DEG-F) 60.8	-0.1	-0.2%	(%)	(DEG-F) 60.6	(DEG-F) 59.0	-1.6	-2.6%	0.0%	(DEG-F) 65.0	(DEG-F) 63.9	-1.1	-1.7%	0.0%	(DEG-F) 68.1	(DEG-F) 64.9	-3.2	-4.7%
1.2%	60.3	59.3	-1.0	-1.7%	1.2%	59.4	58.3	-1.1	-1.9%	1.2%	63.9	60.4	-3.5	-5.5%	1.2%	64.5	62.2	-2.3	-3.6%
2.5%	59.3	58.8	-0.5	-0.8%	2.5%	59.3	58.0	-1.3	-2.2%	2.5%	61.4	58.7	-2.7	-4.4%	2.5%	63.6	59.4	-4.2	-6.6%
3.7% 4.9%	58.7 58.6	58.7 57.8	-0.8	0.0%	3.7% 4.9%	58.3 58.3	57.5 57.2	-0.8 -1.1	-1.4% -1.9%	3.7% 4.9%	59.7 58.7	57.5 55.9	-2.2 -2.8	-3.7% -4.8%	3.7% 4.9%	60.0 59.7	57.8 57.3	-2.2 -2.4	-3.7% -4.0%
6.2%	57.7	57.7	0.0	0.0%	6.2%	57.2	55.9	-1.3	-2.3%	6.2%	58.1	55.7	-2.4	-4.1%	6.2%	59.6	56.9	-2.7	-4.5%
7.4%	57.5	57.3	-0.2	-0.3%	7.4%	56.2	55.3	-0.9	-1.6%	7.4%	56.2	55.2	-1.0	-1.8%	7.4%	59.4	56.4	-3.0	-5.1%
8.6% 9.9%	57.1 56.3	57.3 57.0	0.2	0.4% 1.2%	8.6% 9.9%	55.6 55.3	55.3 54.7	-0.3 -0.6	-0.5% -1.1%	8.6% 9.9%	55.7 55.7	54.1 53.8	-1.6 -1.9	-2.9% -3.4%	8.6% 9.9%	57.2 56.6	56.1 55.4	-1.1 -1.2	-1.9% -2.1%
11.1%	56.2	56.8	0.6	1.1%	11.1%	54.7	54.7	0.0	0.0%	11.1%	55.5	53.6	-1.9	-3.4%	11.1%	55.0	55.3	0.3	0.5%
12.3%	56.0	56.3	0.3	0.5%	12.3%	53.6	54.3	0.7	1.3%	12.3%	55.1	53.1	-2.0	-3.6%	12.3%	54.0	55.0	1.0	1.9%
13.6% 14.8%	55.2 54.9	56.1 55.1	0.9	1.6% 0.4%	13.6% 14.8%	53.5 53.4	53.9 53.7	0.4	0.7% 0.6%	13.6% 14.8%	54.3 54.1	52.8 52.6	-1.5 -1.5	-2.8% -2.8%	13.6% 14.8%	53.8 53.7	54.8 53.8	1.0 0.1	1.9% 0.2%
16.0%	54.9	54.9	0.0	0.0%	16.0%	53.1	53.6	0.5	0.9%	16.0%	53.6	52.6	-1.0	-1.9%	16.0%	53.6	52.6	-1.0	-1.9%
17.3%	53.7	54.9	1.2	2.2%	17.3%	52.9	53.4	0.5	0.9%	17.3%	53.4	52.5	-0.9	-1.7%	17.3%	53.4	52.5	-0.9	-1.7%
18.5% 19.8%	53.4 53.3	53.7 53.4	0.3	0.6%	18.5% 19.8%	52.9 52.9	53.3 53.1	0.4	0.8%	18.5% 19.8%	53.2 53.0	52.5 52.4	-0.7	-1.3% -1.1%	18.5% 19.8%	52.8 52.2	52.1 51.6	-0.7 -0.6	-1.3% -1.1%
21.0%	53.0	53.4	0.1	0.2%	21.0%	52.9 52.7	53.1	0.2	0.4%	21.0%	52.7	52.4	-0.6 -0.3	-0.6%	21.0%	52.2 51.8	51.5	-0.8	-0.6%
22.2%	52.9	53.0	0.1	0.2%	22.2%	52.7	52.9	0.2	0.4%	22.2%	52.6	52.4	-0.2	-0.4%	22.2%	51.7	51.4	-0.3	-0.6%
23.5%	52.8	52.9	0.1	0.2%	23.5%	52.7	52.8	0.1	0.2%	23.5%	52.6	52.4	-0.2	-0.4%	23.5%	51.6	51.1	-0.5	-1.0%
24.7% 25.9%	52.8 52.1	52.8 52.1	0.0	0.0%	24.7% 25.9%	52.4 52.3	52.6 52.3	0.2	0.4%	24.7% 25.9%	52.4 52.4	52.3 52.2	-0.1 -0.2	-0.2% -0.4%	24.7% 25.9%	51.6 51.1	51.0 50.9	-0.6 -0.2	-1.2% -0.4%
27.2%	51.7	51.9	0.0	0.4%	27.2%	52.3	52.1	-0.1	-0.2%	27.2%	52.4	52.2	-0.2	-0.4%	27.2%	51.0	50.8	-0.2	-0.4%
28.4%	51.4	51.4	0.0	0.0%	28.4%	52.2	52.0	-0.2	-0.4%	28.4%	52.4	52.2	-0.2	-0.4%	28.4%	50.9	50.8	-0.1	-0.2%
29.6%	51.4	51.3	-0.1	-0.2%	29.6%	52.0	51.8	-0.2	-0.4%	29.6%	52.2	52.1	-0.1	-0.2%	29.6%	50.9	50.8	-0.1	-0.2%
30.9% 32.1%	51.4 51.3	51.3 51.3	-0.1 0.0	-0.2% 0.0%	30.9% 32.1%	51.9 51.8	51.6 51.6	-0.3 -0.2	-0.6% -0.4%	30.9% 32.1%	52.1 52.0	52.0 52.0	-0.1 0.0	-0.2% 0.0%	30.9% 32.1%	50.8 50.5	50.7 50.4	-0.1 -0.1	-0.2% -0.2%
33.3%	51.3	51.2	-0.1	-0.2%	33.3%	51.7	51.6	-0.2	-0.2%	33.3%	51.9	51.9	0.0	0.0%	33.3%	50.5	50.4	-0.2	-0.4%
34.6%	51.3	51.1	-0.2	-0.4%	34.6%	51.6	51.5	-0.1	-0.2%	34.6%	51.9	51.9	0.0	0.0%	34.6%	50.4	50.3	-0.1	-0.2%
35.8% 37.0%	51.2 51.1	51.1 51.0	-0.1 -0.1	-0.2% -0.2%	35.8% 37.0%	51.6 51.5	51.5 51.5	-0.1 0.0	-0.2% 0.0%	35.8% 37.0%	51.8 51.7	51.9 51.8	0.1	0.2%	35.8% 37.0%	50.4 50.3	50.2 50.1	-0.2 -0.2	-0.4% -0.4%
38.3%	51.1	51.0	-0.1	-0.2%	38.3%	51.5	51.5	-0.1	-0.2%	38.3%	51.7	51.7	0.0	0.2%	38.3%	50.3	50.1	-0.2	-0.4%
39.5%	51.1	50.9	-0.2	-0.4%	39.5%	51.5	51.3	-0.2	-0.4%	39.5%	51.6	51.6	0.0	0.0%	39.5%	49.6	50.1	0.5	1.0%
40.7%	51.0	50.9	-0.1	-0.2%	40.7%	51.5	51.2	-0.3	-0.6%	40.7%	51.5	51.5	0.0	0.0%	40.7%	49.5	49.8	0.3	0.6%
42.0% 43.2%	51.0 50.9	50.8 50.7	-0.2 -0.2	-0.4% -0.4%	42.0% 43.2%	51.3 51.2	51.2 51.1	-0.1 -0.1	-0.2% -0.2%	42.0% 43.2%	51.4 51.3	51.5 51.4	0.1 0.1	0.2%	42.0% 43.2%	49.5 49.5	49.6 49.6	0.1 0.1	0.2% 0.2%
43.2%	50.9	50.7	-0.2	-0.4%	44.4%	51.2	51.1	-0.1	-0.2%	44.4%	51.3	51.4	0.1	0.2%	44.4%	49.5	49.5	0.0	0.2%
45.7%	50.8	50.7	-0.1	-0.2%	45.7%	51.1	51.1	0.0	0.0%	45.7%	51.2	51.3	0.1	0.2%	45.7%	49.4	49.5	0.1	0.2%
46.9%	50.8	50.6	-0.2	-0.4%	46.9%	51.0	51.1	0.1	0.2%	46.9%	51.2	51.3	0.1	0.2%	46.9%	49.2	49.5	0.3	0.6%
48.1% 49.4%	50.7 50.6	50.5 50.4	-0.2 -0.2	-0.4% -0.4%	48.1% 49.4%	51.0 51.0	51.0 51.0	0.0	0.0%	48.1% 49.4%	51.2 51.2	51.2 51.2	0.0	0.0%	48.1% 49.4%	49.1 49.0	49.3 49.2	0.2	0.4%
50.6%	50.3	50.3	0.0	0.0%	50.6%	50.9	50.9	0.0	0.0%	50.6%	51.1	51.2	0.1	0.2%	50.6%	49.0	49.1	0.1	0.2%
51.9%	50.3	50.3	0.0	0.0%	51.9%	50.7	50.8	0.1	0.2%	51.9%	51.1	51.2	0.1	0.2%	51.9%	49.0	49.0	0.0	0.0%
53.1% 54.3%	50.1 50.1	50.2 50.1	0.1	0.2%	53.1% 54.3%	50.7 50.7	50.7 50.7	0.0	0.0%	53.1% 54.3%	51.0 51.0	51.1 51.0	0.1	0.2%	53.1% 54.3%	49.0 48.9	49.0 48.8	0.0 -0.1	0.0%
55.6%	50.1	50.1	0.0	0.0%	55.6%	50.7	50.7	0.0	0.0%	55.6%	51.0	51.0	0.0	0.0%	55.6%	48.9	48.8	-0.1	-0.2%
56.8%	50.0	50.0	0.0	0.0%	56.8%	50.7	50.6	-0.1	-0.2%	56.8%	51.0	50.9	-0.1	-0.2%	56.8%	48.8	48.7	-0.1	-0.2%
58.0%	49.9	49.9	0.0	0.0%	58.0%	50.6	50.6	0.0	0.0%	58.0%	50.9	50.9	0.0	0.0%	58.0%	48.8	48.7	-0.1	-0.2%
59.3% 60.5%	49.8 49.8	49.8 49.8	0.0	0.0%	59.3% 60.5%	50.5 50.5	50.5 50.5	0.0	0.0%	59.3% 60.5%	50.9 50.8	50.9 50.9	0.0	0.0%	59.3% 60.5%	48.7 48.6	48.6 48.6	-0.1 0.0	-0.2% 0.0%
61.7%	49.8	49.8	0.0	0.0%	61.7%	50.5 50.4	50.5	0.0	0.0%	61.7%	50.8	50.9	0.0	0.2%	61.7%	48.6	48.5	-0.1	-0.2%
63.0%	49.6	49.6	0.0	0.0%	63.0%	50.2	50.2	0.0	0.0%	63.0%	50.6	50.6	0.0	0.0%	63.0%	48.6	48.5	-0.1	-0.2%
64.2%	49.6	49.5	-0.1	-0.2%	64.2%	50.1	50.1	0.0	0.0%	64.2%	50.4	50.6	0.2	0.4%	64.2%	48.5	48.5	0.0	0.0%
65.4% 66.7%	49.5 49.5	49.5 49.5	0.0	0.0%	65.4% 66.7%	50.0 50.0	50.1 50.1	0.1	0.2% 0.2%	65.4% 66.7%	50.3 50.3	50.3 50.3	0.0	0.0%	65.4% 66.7%	48.5 48.5	48.5 48.4	0.0 -0.1	-0.2%
67.9%	49.4	49.4	0.0	0.0%	67.9%	49.9	50.0	0.1	0.2%	67.9%	50.2	50.2	0.0	0.0%	67.9%	48.4	48.3	-0.1	-0.2%
69.1%	49.3	49.3	0.0	0.0%	69.1%	49.8	50.0	0.2	0.4%	69.1%	50.2	50.1	-0.1	-0.2%	69.1%	48.3	48.2	-0.1	-0.2%
70.4% 71.6%	49.3 49.3	49.3 49.2	0.0 -0.1	0.0%	70.4% 71.6%	49.7 49.6	49.9 49.8	0.2	0.4%	70.4% 71.6%	49.9 49.7	50.1 49.9	0.2	0.4%	70.4% 71.6%	48.3 48.2	48.2 48.0	-0.1 -0.2	-0.2% -0.4%
72.8%	49.2	49.2	-0.1	-0.2%	72.8%	49.6	49.6	0.2	0.4%	72.8%	49.5	49.9	0.4	0.8%	72.8%	48.2	48.0	-0.2	-0.4%
74.1%	49.2	48.8	-0.4	-0.8%	74.1%	49.6	49.6	0.0	0.0%	74.1%	49.4	49.8	0.4	0.8%	74.1%	48.2	47.9	-0.3	-0.6%
75.3%	49.1 48.9	48.8 48.8	-0.3	-0.6%	75.3%	49.5 49.3	49.6 49.6	0.1	0.2%	75.3%	49.3	49.5 49.5	0.2	0.4%	75.3% 76.5%	48.0 48.0	47.9 47.8	-0.1	-0.2% -0.4%
76.5% 77.8%	48.9 48.8	48.8 48.7	-0.1 -0.1	-0.2% -0.2%	76.5% 77.8%	49.3 49.2	49.6 49.6	0.3	0.6%	76.5% 77.8%	49.2 49.1	49.5 49.4	0.3	0.6%	76.5%	48.0	47.8 47.8	-0.2 -0.2	-0.4%
79.0%	48.7	48.5	-0.2	-0.4%	79.0%	49.2	49.3	0.1	0.2%	79.0%	49.0	49.3	0.3	0.6%	79.0%	47.9	47.6	-0.3	-0.6%
80.2%	48.6	48.3	-0.3	-0.6%	80.2%	49.0	49.2	0.2	0.4%	80.2%	49.0	49.2	0.2	0.4%	80.2%	47.8	47.5	-0.3	-0.6%
81.5%	48.1 47.9	48.2 47.9	0.1	0.2%	81.5%	49.0 48.9	49.0 49.0	0.0	0.0%	81.5%	48.9	49.2 49.2	0.3	0.6%	81.5%	47.6 47.6	47.5 47.5	-0.1	-0.2%
82.7% 84.0%	47.9 47.4	47.9 47.4	0.0	0.0%	82.7% 84.0%	48.9 48.9	49.0	0.1	0.2% 0.2%	82.7% 84.0%	48.8 48.7	49.2 49.1	0.4	0.8%	82.7% 84.0%	47.b 47.4	47.5	-0.1 -0.1	-0.2% -0.2%
85.2%	47.2	47.2	0.0	0.0%	85.2%	48.7	48.9	0.2	0.4%	85.2%	48.5	49.0	0.5	1.0%	85.2%	47.4	47.2	-0.2	-0.4%
86.4%	47.1	47.1	0.0	0.0%	86.4%	48.7	48.9	0.2	0.4%	86.4%	48.4	48.7	0.3	0.6%	86.4%	47.3	47.1	-0.2	-0.4%
87.7% 88.9%	46.9 46.9	46.9 46.9	0.0	0.0%	87.7% 88.9%	48.7 48.5	48.9 48.8	0.2	0.4%	87.7% 88.9%	48.3 48.3	48.5 48.5	0.2	0.4%	87.7% 88.9%	47.2 47.1	47.1 47.0	-0.1 -0.1	-0.2% -0.2%
90.1%	46.9 46.8	46.8	0.0	0.0%	90.1%	48.5 48.0	48.8 48.7	0.3	1.5%	90.1%	48.3 48.2	48.5 48.4	0.2	0.4%	90.1%	47.1 47.1	47.0 47.0	-0.1	-0.2%
91.4%	46.7	46.7	0.0	0.0%	91.4%	47.9	48.0	0.1	0.2%	91.4%	48.1	48.3	0.2	0.4%	91.4%	47.0	46.9	-0.1	-0.2%
92.6%	46.3	45.7	-0.6	-1.3%	92.6%	47.7	47.9	0.2	0.4%	92.6%	48.0	48.1	0.1	0.2%	92.6%	46.9	46.9	0.0	0.0%
93.8% 95.1%	45.6 45.0	45.6 45.0	0.0	0.0%	93.8% 95.1%	47.4 47.3	47.7 47.4	0.3	0.6%	93.8% 95.1%	47.5 47.5	47.6 47.5	0.1	0.2%	93.8% 95.1%	46.9 46.8	46.8 46.5	-0.1 -0.3	-0.2% -0.6%
95.1%	45.0 44.7	45.0	0.0	0.0%	95.1%	46.8	47.4	0.1	0.2%	95.1%	47.5	47.5 47.4	0.0	1.5%	95.1%	46.7	46.3	-0.3	-0.6%
97.5%	44.6	44.6	0.0	0.0%	97.5%	46.7	46.7	0.0	0.0%	97.5%	46.4	46.7	0.3	0.6%	97.5%	46.3	46.2	-0.1	-0.2%
98.8%	44.2	44.3	0.1	0.2%	98.8%	46.5	46.5	0.0	0.0%	98.8%	46.0	46.4	0.4	0.9%	98.8%	46.2	46.2	0.0	0.0%
100.0%	44.2	44.3	0.1	0.2%	100.0%	46.5	46.5	0.0	0.0%	100.0%	46.0	46.4	0.4	0.9%	100.0%	46.2	46.2	0.0	0.0%

Table SQ-34-7a
Trinity River at Douglas City, Monthly Temperature
Long-term Average and Average by Water Year Type

		Long	term Ave	age and r		y Water Ye	erature (DI	EC E)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	tniy remp Mar	erature (Di Apr	Mav	Jun	Jul	Aua	Sep
Analysis Period	UCI	VOV	Dec		ng-term	IMI	Apr	way	Jun	Jui	Aug	зер
Full Simulation Period ¹				LUI	ig-term							
No Action Alternative	51.2	44.5	40.1	39.0	43.0	46.9	51.9	48.8	54.8	58.6	59.5	55.6
Alternative C	51.0	44.4	40.2	39.2	43.0	46.8	51.8	48.8	54.8	58.6	59.3	55.3
Difference	-0.2	-0.1	0.1	0.1	0.0	-0.1	-0.1	0.0	0.0	0.0	-0.2	-0.2
Percent Difference ³	-0.2	-0.1	0.1	0.1	0.0%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	-0.2	-0.2
	*0.576	*0.376	0.276		ear Types		*0.176	-0.176	0.076	0.0%	=0.376	*0.47
Wet (32%)				*******	cui Typeo							
No Action Alternative	49.8	44.5	41.1	40.4	43.3	46.1	50.8	47.8	51.4	56.9	59.6	54.7
Alternative C	49.9	44.5	41.1	40.4	43.3	46.0	50.7	47.8	51.4	56.9	59.5	54.8
Difference	0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	-0.1	-0.2	0.1
Percent Difference	0.1%	0.0%	0.1%	0.1%	-0.1%	-0.3%	-0.1%	0.0%	0.0%	-0.1%	-0.3%	0.3%
Above Normal (15%)	0.170	0.070	0.170	0.170	0.170	0.070	0.170	0.070	0.070	0.170	0.070	0.07
No Action Alternative	50.3	43.2	40.0	38.7	43.0	46.7	51.8	48.0	53.9	57.8	58.8	54.2
Allemative C	50.1	42.9	40.0	38.7	43.1	46.8	51.9	48.0	53.7	57.6	58.5	54.0
Difference	-0.2	-0.3	0.0	0.0	0.1	0.0	0.0	0.0	-0.2	-0.2	-0.2	-0.2
Percent Difference	-0.4%	-0.7%	0.1%	0.0%	0.1%	0.1%	0.1%	-0.1%	-0.4%	-0.3%	-0.4%	-0.49
Below Normal (17%)												
No Action Alternative	51.7	44.7	39.6	38.3	42.4	46.8	52.5	48.6	55.4	59.1	59.8	56.0
Alternative C	51.5	44.7	39.8	38.4	42.4	46.8	52.4	48.6	55.4	59.2	59.8	55.8
Difference	-0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.2
Percent Difference	-0.4%	0.0%	0.4%	0.1%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.1%	0.0%	-0.3%
Dry (22%)												
No Action Alternative	51.3	44.6	40.2	38.0	42.7	47.5	52.7	49.0	57.0	59.2	58.4	55.0
Alternative C	51.0	44.4	40.2	38.3	42.7	47.4	52.5	49.0	57.0	59.1	58.7	54.8
Difference	-0.3	-0.2	0.0	0.3	0.0	-0.1	-0.2	0.0	0.0	-0.1	0.3	-0.2
Percent Difference	-0.5%	-0.5%	0.0%	0.7%	0.0%	-0.2%	-0.3%	0.0%	0.1%	-0.1%	0.5%	-0.49
Critical (15%)	•		•	•	•	•		•	•	•	•	
No Action Alternative	54.5	45.2	38.4	38.8	43.4	47.9	52.3	51.9	59.7	61.8	61.0	58.9
Alternative C	53.6	45.0	38.5	39.1	43.4	47.9	52.3	51.6	59.7	61.9	60.1	57.9
Difference	-0.9	-0.2	0.1	0.3	0.0	-0.1	0.0	-0.2	0.0	0.2	-0.9	-1.1
Percent Difference	-1.7%	-0.4%	0.3%	0.7%	0.0%	-0.1%	0.0%	-0.4%	0.0%	0.3%	-1.5%	-1.89

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



Figure SQ-34-7b Trinity River at Douglas City, Monthly Temperature Probability of Exceedance

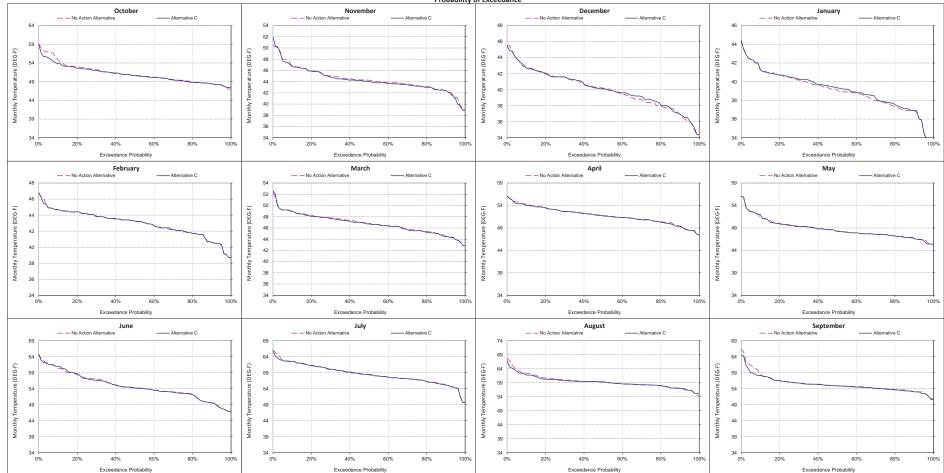


Table SQ-34-7b
Trinity River at Douglas City, Monthly Temperature
Probability of Exceedance

		October					November					December					January		
Percent	No Action Alternative	Alternative C	Absolute	Relative	Percent	No Action Alternative	Alternative C	Absolute	Relative	Percent	No Action Alternative	Alternative C	Absolute	Relative	Percent	No Action Alternative	Alternative C	Absolute	Relative
Exceedance Probability		Monthly Temperature	Difference	Difference (%)	Exceedance Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Exceedance Probability	Monthly Temperature		 Difference 	Difference (%)	Exceedance Probability		Monthly Temperature	Difference	Difference (%)
	(DEG-F)	(DEG-F)	(DEG-F)	Difference (%)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (%)		(DEG-F)	(DFG-F)	(DEG-F)	Difference (%)	(%)	(DFG-F)	(DEG-F)	(DEG-F)	Difference (%)
0.0%	59.2	58.9	-0.3	-0.5%	0.0%	50.5	51.9	1.4	2.8%		45.5	45.5	0.0	0.0%	0.0%	(DEG-F) 44.4	(DEG-F) 44.4	0.0	0.0%
1.2%	58.0	56.6	-1.4	-2.4%	1.2%	50.2	50.4	0.2	0.4%	1.2%	45.5	44.9	-0.6	-1.3%	1.2%	43.5	43.5	0.0	0.0%
2.5%	57.2	55.7	-1.5	-2.6%	2.5%	50.2	50.2	0.2	0.2%	2.5%	44.9	44.8	-0.0	-0.2%	2.5%	42.9	42.9	0.0	0.0%
3.7%	57.1	55.7	-1.4	-2.5%	3.7%	49.2	49.4	0.2	0.4%	3.7%	44.3	44.3	0.0	0.0%	3.7%	42.5	42.5	0.0	0.0%
4.9%	56.8	55.4	-1.4	-2.5%	4.9%	48.0	47.7	-0.3	-0.6%	4.9%	43.9	43.9	0.0	0.0%	4.9%	42.4	42.4	0.0	0.0%
6.2%	56.7	55.0	-1.7	-3.0%	6.2%	48.0	47.5	-0.5	-1.0%	6.2%	43.6	43.6	0.0	0.0%	6.2%	42.3	42.3	0.0	0.0%
7.4%	56.7	54.5	-2.2	-3.9%	7.4%	47.7	47.4	-0.3	-0.6%	7.4%	43.1	43.3	0.2	0.5%	7.4%	42.0	42.0	0.0	0.0%
8.6%	55.7	54.1	-1.6	-2.9%	8.6%	47.5	47.1	-0.4	-0.8%	8.6%	42.9	43.1	0.2	0.5%	8.6%	42.0	42.0	0.0	0.0%
9.9%	54.9	53.8	-1.1	-2.0%	9.9%	46.8	46.7	-0.1	-0.2%	9.9%	42.8	42.7	-0.1	-0.2%	9.9%	41.3	41.3	0.0	0.0%
11.1%	54.2	53.8	-0.4	-0.7%	11.1%	46.8	46.6	-0.2	-0.4%	11.1%	42.7	42.6	-0.1	-0.2%	11.1%	41.1	41.1	0.0	0.0%
12.3%	54.0	53.3	-0.7	-1.3%	12.3%	46.6	46.6	0.0	0.0%	12.3%	42.7	42.6	-0.1	-0.2%	12.3%	41.0	41.1	0.1	0.2%
13.6%	53.4	53.1	-0.3	-0.6%	13.6%	46.6	46.5	-0.1	-0.2%	13.6%	42.6	42.5	-0.1	-0.2%	13.6%	41.0	41.0	0.0	0.0%
14.8%	53.2	53.1	-0.1	-0.2%	14.8%	46.4	46.4	0.0	0.0%	14.8%	42.5	42.4	-0.1	-0.2%	14.8%	41.0	40.9	-0.1	-0.2%
16.0%	53.1	53.1	0.0	0.0%	16.0%	46.4	46.4	0.0	0.0%	16.0%	42.3	42.3	0.0	0.0%	16.0%	41.0	40.9	-0.1	-0.2%
17.3%	53.1	53.0	-0.1	-0.2%	17.3%	46.3	46.3	0.0	0.0%	17.3%	42.3	42.2	-0.1	-0.2%	17.3%	40.8	40.8	0.0	0.0%
18.5%	53.0	52.9	-0.1	-0.2%	18.5%	46.0	45.9	-0.1	-0.2%	18.5%	42.2	42.2	0.0	0.0%	18.5%	40.8	40.8	0.0	0.0%
19.8%	52.9	52.6	-0.3	-0.6%	19.8%	45.9	45.9	0.0	0.0%	19.8%	42.1	42.0	-0.1	-0.2%	19.8%	40.7	40.7	0.0	0.0%
21.0%	52.9	52.6	-0.3	-0.6%	21.0%	45.9	45.8	-0.1	-0.2%	21.0%	42.0	41.9	-0.1	-0.2%	21.0%	40.7	40.7	0.0	0.0%
22.2%	52.8	52.5	-0.3	-0.6%	22.2%	45.8	45.8	0.0	0.0%	22.2%	41.8	41.7	-0.1	-0.2%	22.2%	40.5	40.7	0.2	0.5%
23.5%	52.8	52.4	-0.4	-0.8%	23.5%	45.8	45.8	0.0	0.0%	23.5%	41.7	41.6	-0.1	-0.2%	23.5%	40.5	40.6	0.1	0.2%
24.7%	52.5	52.4	-0.1	-0.2%	24.7%	45.7	45.6	-0.1	-0.2%	24.7%	41.6	41.6	0.0	0.0%	24.7%	40.5	40.5	0.0	0.0%
25.9%	52.5	52.3	-0.2	-0.4%	25.9%	45.3	45.3	0.0	0.0%	25.9%	41.6	41.6	0.0	0.0%	25.9%	40.4	40.5	0.1	0.2%
27.2%	52.4	52.2	-0.2	-0.4%	27.2%	45.1	45.1	0.0	0.0%	27.2%	41.6	41.6	0.0	0.0%	27.2%	40.4	40.4	0.0	0.0%
28.4%	52.3	52.0	-0.3	-0.6%	28.4%	45.1	45.0	-0.1	-0.2%	28.4%	41.6	41.6	0.0	0.0%	28.4%	40.2	40.4	0.2	0.5%
29.6%	52.2	51.9	-0.3	-0.6%	29.6%	45.0	44.9	-0.1	-0.2%	29.6%	41.6	41.6	0.0	0.0%	29.6%	40.2	40.3	0.1	0.2%
30.9%	52.2 51.8	51.9 51.7	-0.3	-0.6%	30.9%	45.0	44.7	-0.3	-0.7%	30.9%	41.5	41.5	0.0	0.0%	30.9%	40.1	40.2	0.1	0.2%
32.1%			-0.1	-0.2%	32.1%	45.0	44.7	-0.3	-0.7%	32.1%	41.4	41.3	-0.1	-0.2%	32.1%	40.0	40.2	0.2	0.5%
33.3% 34.6%	51.7	51.6	-0.1	-0.2%	33.3%	44.9	44.5 44.5	-0.4	-0.9%	33.3%	41.2	41.3	0.1	0.2%	33.3%	40.0	40.2 40.2	0.2	0.5%
34.6% 35.8%	51.6 51.6	51.6 51.6	0.0	0.0%	34.6% 35.8%	44.8 44.6	44.5 44.5	-0.3	-0.7% -0.2%	34.6% 35.8%	41.2 41.2	41.3 41.2	0.1	0.2%	34.6% 35.8%	39.9 39.9	40.2 40.1	0.3	0.8%
35.8%	51.6 51.4	51.6 51.4	0.0	0.0%	35.8%	44.6 44.6	44.5 44.4	-0.1 -0.2	-0.2%	35.8%	41.2 41.1	41.2 41.1	0.0	0.0%	35.8%	39.9	40.1	0.2	0.5%
38.3%	51.4				38.3%	44.6	44.4				40.9	41.1		0.5%	38.3%	39.7	39.9		
38.3%	51.3 51.2	51.4 51.3	0.1 0.1	0.2%	38.3%	44.b 44.5	44.4	-0.2 -0.2	-0.4% -0.4%	38.3% 39.5%	40.9	41.1	0.2 0.2	0.5%	38.3%	39.7 39.6	39.9	0.2	0.5%
40.7%	51.2	51.3	0.1	0.2%	40.7%	44.5	44.3	-0.2	-0.4%	40.7%	40.7	40.5	-0.1	-0.2%	40.7%	39.6	39.7	0.1	0.3%
42.0%	51.2	51.2	0.1	0.2%	42.0%	44.5 44.4	44.3	-0.2	-0.4%	42.0%	40.4	40.5	0.1	0.2%	40.7%	39.5	39.7	0.1	0.5%
43.2%	51.0	51.0	0.0	0.0%	43.2%	44.4	44.2	-0.2	-0.5%	43.2%	40.4	40.4	0.0	0.0%	43.2%	39.4	39.6	0.2	0.5%
44.4%	50.9	50.9	0.0	0.0%	44.4%	44.4	44.2	-0.2	-0.5%	44.4%	40.4	40.3	-0.1	-0.2%	44.4%	39.4	39.6	0.2	0.5%
45.7%	50.9	50.9	0.0	0.0%	45.7%	44.3	44.2	-0.1	-0.2%	45.7%	40.3	40.2	-0.1	-0.2%	45.7%	39.3	39.5	0.2	0.5%
46.9%	50.9	50.9	0.0	0.0%	46.9%	44.3	44.1	-0.2	-0.5%	46.9%	40.3	40.2	-0.1	-0.2%	46.9%	39.2	39.5	0.3	0.8%
48.1%	50.7	50.7	0.0	0.0%	48.1%	44.3	44.1	-0.2	-0.5%	48.1%	40.3	40.1	-0.2	-0.5%	48.1%	39.2	39.4	0.2	0.5%
49.4%	50.7	50.6	-0.1	-0.2%	49.4%	44.3	44.1	-0.2	-0.5%	49.4%	40.2	40.1	-0.1	-0.2%	49.4%	39.2	39.4	0.2	0.5%
50.6%	50.7	50.6	-0.1	-0.2%	50.6%	44.2	44.0	-0.2	-0.5%	50.6%	40.2	40.1	-0.1	-0.2%	50.6%	39.0	39.3	0.3	0.8%
51.9%	50.6	50.5	-0.1	-0.2%	51.9%	44.2	43.9	-0.3	-0.7%	51.9%	40.1	40.0	-0.1	-0.2%	51.9%	38.9	39.3	0.4	1.0%
53.1%	50.6	50.4	-0.2	-0.4%	53.1%	44.1	43.8	-0.3	-0.7%	53.1%	40.1	39.9	-0.2	-0.5%	53.1%	38.9	39.2	0.3	0.8%
54.3%	50.5	50.4	-0.1	-0.2%	54.3%	44.0	43.8	-0.2	-0.5%	54.3%	39.9	39.9	0.0	0.0%	54.3%	38.9	39.2	0.3	0.8%
55.6%	50.4	50.4	0.0	0.0%	55.6%	44.0	43.8	-0.2	-0.5%	55.6%	39.8	39.8	0.0	0.0%	55.6%	38.9	39.2	0.3	0.8%
56.8%	50.4	50.2	-0.2	-0.4%	56.8%	43.9	43.8	-0.1	-0.2%	56.8%	39.7	39.7	0.0	0.0%	56.8%	38.9	39.0	0.1	0.3%
58.0%	50.3	50.2	-0.1	-0.2%	58.0%	43.9	43.8	-0.1	-0.2%	58.0%	39.6	39.7	0.1	0.3%	58.0%	38.8	38.9	0.1	0.3%
59.3%	50.2	50.1	-0.1	-0.2%	59.3%	43.9	43.7	-0.2	-0.5%	59.3%	39.5	39.6	0.1	0.3%	59.3%	38.8	38.9	0.1	0.3%
60.5%	50.2	50.1	-0.1	-0.2%	60.5%	43.9	43.7	-0.2	-0.5%	60.5%	39.4	39.6	0.2	0.5%	60.5%	38.8	38.8	0.0	0.0%
61.7%	50.1	50.1	0.0	0.0%	61.7%	43.8	43.6	-0.2	-0.5%	61.7%	39.4	39.6	0.2	0.5%	61.7%	38.7	38.8	0.1	0.3%
63.0%	50.1	50.0	-0.1	-0.2%	63.0%	43.8	43.6	-0.2	-0.5%	63.0%	39.2	39.5	0.3	0.8%	63.0%	38.6	38.8	0.2	0.5%
64.2%	50.0	49.9	-0.1	-0.2%	64.2%	43.8	43.6	-0.2	-0.5%	64.2%	39.0	39.3	0.3	0.8%	64.2%	38.5	38.6	0.1	0.3%
65.4%	50.0	49.9	-0.1	-0.2%	65.4%	43.8	43.6	-0.2	-0.5%	65.4%	39.0	39.3	0.3	0.8%	65.4%	38.4	38.6	0.2	0.5%
66.7%	49.8	49.9	0.1	0.2%	66.7%	43.7	43.5	-0.2	-0.5%	66.7%	38.8	39.2	0.4	1.0%	66.7%	38.3	38.6	0.3	0.8%
67.9%	49.7	49.5	-0.2	-0.4%	67.9%	43.6	43.5	-0.1	-0.2%	67.9%	38.8	39.2	0.4	1.0%	67.9%	38.1	38.5	0.4	1.0%
69.1%	49.6	49.5	-0.1	-0.2%	69.1%	43.6	43.5	-0.1	-0.2%	69.1%	38.8	39.2	0.4	1.0%	69.1%	38.0	38.5	0.5	1.3%
70.4%	49.6 49.5	49.4	-0.2	-0.4%	70.4%	43.6	43.4	-0.2	-0.5%	70.4%	38.7	39.1	0.4	1.0%	70.4%	38.0	38.1	0.1	0.3%
71.6%		49.4	-0.1	-0.2%	71.6%	43.5	43.3	-0.2	-0.5%	71.6%	38.5	38.8	0.3	0.8%	71.6%	37.9	38.0	0.1	0.3%
72.8% 74.1%	49.4 49.4	49.3 49.2	-0.1 -0.2	-0.2% -0.4%	72.8% 74.1%	43.4 43.4	43.3 43.2	-0.1 -0.2	-0.2% -0.5%	72.8% 74.1%	38.4 38.4	38.8 38.8	0.4	1.0%	72.8% 74.1%	37.8 37.8	37.9 37.9	0.1	0.3%
	49.4 49.4		-0.2 -0.2				43.2 43.2			74.1% 75.3%			0.4			37.8 37.7			
75.3% 76.5%	49.4 49.2	49.2 49.0	-0.2	-0.4% -0.4%	75.3% 76.5%	43.3 43.2	43.2 43.2	-0.1 0.0	-0.2% 0.0%	75.3% 76.5%	38.4 38.4	38.7 38.6	0.3	0.8%	75.3% 76.5%	37.7	37.8 37.8	0.1 0.1	0.3%
77.8%	49.2	49.0	-0.2	-0.4%	77.8%	43.2	43.2	-0.1	-0.2%	77.8%	38.0	38.5	0.2	1.3%	77.8%	37.5	37.7	0.1	0.5%
77.8%	49.2 49.0	49.0 48.8	-0.2	-0.4%	77.8%	43.2	43.1 43.0	-0.1	-0.2%	77.8%	38.0	38.5	0.5	1.3%	77.8%	37.5 37.4	37.7	0.2	0.5%
80.2%	48.8	48.8	0.0	0.0%	80.2%	43.1	43.0	-0.2	-0.5%	80.2%	37.9	38.0	0.4	0.3%	80.2%	37.3	37.5	0.3	0.5%
81.5%	48.8	48.8	0.0	0.0%	81.5%	43.1	43.0	-0.1	-0.2%	81.5%	37.8	38.0	0.1	0.5%	81.5%	37.2	37.4	0.2	0.5%
82.7%	48.8	48.7	-0.1	-0.2%	82.7%	43.0	42.9	-0.1	-0.2%	82.7%	37.8	38.0	0.2	0.5%	82.7%	37.1	37.3	0.2	0.5%
84.0%	48.7	48.7	0.0	0.0%	84.0%	42.7	42.6	-0.1	-0.2%	84.0%	37.8	37.9	0.2	0.3%	84.0%	37.0	37.2	0.2	0.5%
85.2%	48.7	48.6	-0.1	-0.2%	85.2%	42.6	42.6	0.0	0.0%	85.2%	37.7	37.6	-0.1	-0.3%	85.2%	36.9	37.1	0.2	0.5%
86.4%	48.6	48.6	0.0	0.0%	86.4%	42.6	42.5	-0.1	-0.2%	86.4%	37.6	37.3	-0.3	-0.8%	86.4%	36.9	37.1	0.2	0.5%
87.7%	48.6	48.6	0.0	0.0%	87.7%	42.6	42.5	-0.1	-0.2%	87.7%	37.3	37.1	-0.2	-0.5%	87.7%	36.9	37.0	0.1	0.3%
88.9%	48.4	48.5	0.0	0.2%	88.9%	42.5	42.5	0.0	0.0%	88.9%	37.1	37.1	0.0	0.0%	88.9%	36.9	36.9	0.0	0.0%
90.1%	48.4	48.4	0.0	0.0%	90.1%	42.4	42.4	0.0	0.0%	90.1%	36.9	36.9	0.0	0.0%	90.1%	36.9	36.9	0.0	0.0%
91.4%	48.3	48.3	0.0	0.0%	91.4%	42.2	42.1	-0.1	-0.2%	91.4%	36.5	36.7	0.2	0.5%	91.4%	36.7	36.9	0.2	0.5%
92.6%	48.2	48.2	0.0	0.0%	92.6%	41.7	42.0	0.3	0.7%	92.6%	36.3	36.5	0.2	0.6%	92.6%	36.0	36.0	0.0	0.0%
93.8%	48.2	48.2	0.0	0.0%	93.8%	41.3	41.4	0.1	0.2%	93.8%	36.1	36.5	0.4	1.1%	93.8%	35.9	35.9	0.0	0.0%
95.1%	48.1	48.1	0.0	0.0%	95.1%	41.2	40.9	-0.3	-0.7%	95.1%	36.0	36.0	0.0	0.0%	95.1%	34.5	34.5	0.0	0.0%
96.3%	47.6	47.8	0.2	0.4%	96.3%	40.9	39.9	-1.0	-2.4%	96.3%	35.7	35.7	0.0	0.0%	96.3%	33.9	33.9	0.0	0.0%
97.5%	47.5	47.5	0.0	0.0%	97.5%	39.4	39.8	0.4	1.0%	97.5%	34.9	35.2	0.3	0.9%	97.5%	33.7	33.7	0.0	0.0%
98.8%	47.0	47.4	0.4	0.9%	98.8%	39.0	38.9	-0.1	-0.3%	98.8%	34.4	34.4	0.0	0.0%	98.8%	28.9	28.9	0.0	0.0%
100.0%	47.0	47.4	0.4	0.9%	100.0%	39.0	38.9	-0.1	-0.3%	100.0%	34.4	34.4	0.0	0.0%	100.0%	28.9	28.9	0.0	0.0%

Table SQ-34-7b
Trinity River at Douglas City, Monthly Temperature
Probability of Exceedance

April

March

February

	Percent		rebluary			Percent		warch			Percent		Аргіі			Percent		Iviay		
Professor Prof		No Action Alternative	Alternative C	Absolute	Relative		No Action Alternative	Alternative C	Absolute	Relative		No Action Alternative	Alternative C	Absolute	Relative		No Action Alternative	Alternative C	Absolute	Relative
The column The	Probability				Difference (%)					Difference (%)	Probability	Monthly Temperature			Difference (%)	Probability	Monthly Temperature			Difference (%)
1						(%)					(%)					(%)				
1.00	0.0%				0.0%	0.0%					0.0%					0.0%				0.0%
1																				
1	2.5%			-0.7		2.5%			0.0		2.5%	55.0		-0.3		2.5%	53.b 52.8		-0.1	-0.2%
March Marc																				
The column																				-0.2%
14																				0.0%
11	8.6%				0.0%	8.6%		49.1		0.0%		54.4		-0.1	-0.2%	8.6%		52.0	-0.1	-0.2%
1.75																				
March Marc				0.0		11.1%						54.3	54.0	-0.3		11.1%		51.1		0.0%
March Marc																				
1.65	13.6%			0.0		13.6%	48.6	48.5			13.6%		53.9			13.6%		51.0	0.1	0.2%
1.75																				
No.	17.0%			0.0	0.0%	17.0%	46.5 48.4		-0.1	-0.2%	17.0%	53.6	53.7	-0.1	-0.2%	17.0%	50.3		-0.1	-0.2%
14-0 14-0						18.5%					18.5%					18.5%			-0.1	-0.2%
1.00					0.0%	19.8%			-0.2	-0.4%				-0.1	-0.2%					-0.2%
						21.0%								-0.1						-0.2%
1.15	22.2%					22.2%			0.0	0.0%	22.2%			0.0	0.0%	22.2%				-0.2%
27.5	24.7%					24.7%	48.0	47.9	-0.1		24.7%					24.7%			-0.2	-0.4%
Mark 441																				
2016	27.2%					27.2%					27.2%					27.2%				0.0%
2009 2019																				
22.15																				0.0%
33.50. 43.2	32.1%			0.0		32.1%					32.1%			0.0		32.1%				0.0%
140																				
3700 43.6 43.6 43.6 43.6 43.6 43.6 43.6 43.6			43.7			34.6%		47.4			34.6%	52.6	52.5	-0.1		34.6%		49.2		-0.2%
San No. 488 488 488 00 00 00 00						35.8%					35.8%	52.5				35.8%			0.0	0.0%
20.00																				
40.7% 43.5 43.5 00 0.0% 40.7% 47.3 47.1 0.2 0.44% 40.7% 52.2 52.2 0.0 0.0% 40.7% 48.8 48.8 48.8 0.0 0.0% 40.7% 42.4 42.4 43.4 43.4 0.0 0.0% 40.7% 43.8 43.4 0.0 0.0% 40.7% 43.8 43.4 0.0 0.0% 40.7% 43.8 43.4 0.0 0.0% 40.7% 43.8 43.4 0.0 0.0% 40.7% 43.8 43.4 0.0 0.0 0.0% 40.7% 43.8 43.4 0.0 0.0 0.0% 40.7% 43.8 43.4 0.0 0.0 0.0% 40.7% 43.8 43.4 0.0 0.0 0.0% 40.7% 43.8 43.4 0.0 0.0 0.0% 40.7% 43.8 43.4 0.0 0.0 0.0% 40.7% 43.8 43.4 0.0 0.0 0.0% 40.7% 43.8 43.4 0.0 0.0 0.0% 40.7% 43.8 43.4 0.0 0.0 0.0% 40.7% 43.8 43.4 0.0 0.0 0.0% 40.7% 43.8 43.8 43.8 0.0 0.0 0.0% 40.7% 43.8 43.8 43.8 0.0 0.0 0.0% 40.7% 43.8 43.8 43.8 0.0 0.0 0.0% 40.7% 43.8 43.8 43.8 0.0 0.0 0.0% 40.7% 43.8 43.8 43.8 0.0 0.0 0.0% 40.7% 43.8 43.8 43.8 0.0 0.0 0.0% 40.7% 43.8 43.8 43.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	38.3%	43.6	43.6	0.0		38.3%	47.4	47.3	-0.1		38.3%	52.4	52.3	-0.1		38.3%	49.0		0.0	
4.076 4.15 4.15 4.15 4.15 4.15 4.15 4.15 4.15																				
4.2% 43.4 54.4 00 00% 422% 47.1 47.0 40.1 62% 42.8 52.1 52.1 00 00% 43.2% 48.8 437 03.1 62% 48.8 437 03.1 62% 48.8 437 03.1 62% 48.8 437 03.1 62% 48.8 437 03.1 62% 48.8 437 03.1 62% 48.8 437 03.1 62% 48.8 437 03.1 62% 48.8 437 03.1 62% 48.8 437 03.1 62% 48.8 437 03.1 62% 48.8 437 03.1 62% 48.8 437 03.1 62% 48.8 437 03.1 62% 48.8 437 03.1 62% 48.8 43.8 43.8 43.8 43.8 43.8 43.8 43.8	40.7%	43.5	43.5	0.0		40.7%		47.1	-0.2		40.7%	52.2	52.2	0.0		40.7%	48.8		0.0	0.0%
44-0% 43-4 43-4 00 0.0% 44-0% 47-2 47-0 00 0.0 0.0% 44-0% 52-1 52-2 -0.1 -0.2% 44-0% 44.7 44.7 0.0 0.0% 44-0% 44-0% 44-1 0.0 0.0% 44-0% 44-1 0.0 0.0% 44-0% 44-1 0.0 0.0% 44-0% 44-1 0.0 0.0% 44-0% 44-1 0.0 0.0% 44-0% 44-1 0.0 0.0% 44-0% 44-1 0.0 0.0% 44-0% 44-0% 44-0% 44-1 0.0 0.0% 44-0%				0.0		42.0%			-0.3					-0.1		42.0%			-0.0	-0.0%
457h; 534 545 540 00 00% 557h; 470 470 00 00 00% 557h; 40 01 02% 550h; 510 02% 550h;						44.4%														0.2%
## 40%						45.7%								-0.1						0.0%
## 435 433 00 00% 481% 489 488 -01 -02% 481% 518 518 0.1 -02% 481% 483 0.0 0.0% 619% 483 0.0 0.0% 619% 483 0.0 0.0% 619% 488 0.0 0.0% 619% 488 0.0 0.0% 619% 488 0.0 0.0% 619% 488 0.0 0.0% 619% 488 0.0 0.0% 619% 488 0.0 0.0% 619% 488 0.0 0.0% 619% 488 0.0 0.0% 619% 618 0.0 0.0% 619% 488 0.0 0.0% 619% 488 0.0 0.0% 619% 619% 61	46.9%	43.4	43.4			46.9%		46.9	-0.1		46.9%	51.9				46.9%			0.0	0.0%
Section Control Cont	48.1%	43.3	43.3			48.1%		46.8	-0.1		48.1%	51.9				48.1%			0.0	0.0%
\$3.1% \$422 \$42 \$00 \$0.00% \$53.1% \$46.6 \$46.6 \$00 \$0.00% \$53.1% \$18.6 \$18.6 \$0.0 \$0.00% \$53.1% \$42.7 \$43.1 \$0.1 \$0.20% \$58.8% \$42.9 \$42.0 \$0.0 \$0.00% \$58.8% \$44.4 \$46.4 \$0.0 \$0.00% \$58.8% \$42.9 \$42.0 \$0.0 \$0.00% \$58.8% \$44.4 \$46.4 \$0.0 \$0.00% \$58.8% \$43.0 \$0.0 \$0.00% \$58.8% \$44.4 \$46.4 \$0.0 \$0.00% \$58.8% \$43.0 \$0.0 \$0.00% \$58.8% \$44.4 \$46.4 \$0.0 \$0.00% \$58.8% \$43.0 \$0.0 \$0.00% \$58.8% \$42.0 \$0.0 \$0.00% \$58.8% \$44.4 \$46.4 \$0.0 \$0.00% \$58.8% \$13.4 \$13.4 \$0.0 \$0.00% \$58.8% \$40.0 \$47.9 \$0.0 \$1.4 \$2.0 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4		43.3																		0.0%
\$3.1% \$422 \$42 \$00 \$0.00% \$53.1% \$46.6 \$46.6 \$00 \$0.00% \$53.1% \$18.6 \$18.6 \$0.0 \$0.00% \$53.1% \$42.7 \$43.1 \$0.1 \$0.20% \$58.8% \$42.9 \$42.0 \$0.0 \$0.00% \$58.8% \$44.4 \$46.4 \$0.0 \$0.00% \$58.8% \$42.9 \$42.0 \$0.0 \$0.00% \$58.8% \$44.4 \$46.4 \$0.0 \$0.00% \$58.8% \$43.0 \$0.0 \$0.00% \$58.8% \$44.4 \$46.4 \$0.0 \$0.00% \$58.8% \$43.0 \$0.0 \$0.00% \$58.8% \$44.4 \$46.4 \$0.0 \$0.00% \$58.8% \$43.0 \$0.0 \$0.00% \$58.8% \$42.0 \$0.0 \$0.00% \$58.8% \$44.4 \$46.4 \$0.0 \$0.00% \$58.8% \$13.4 \$13.4 \$0.0 \$0.00% \$58.8% \$40.0 \$47.9 \$0.0 \$1.4 \$2.0 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4 \$1.4																				-0.2%
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$\begin{array}{cccccccccccccccccccccccccccccccccccc$	88.9%			0.0	0.0%	88.9%				-0.4%	88.9%			-0.1	-0.2%	88.9%			0.1	0.2%
92.6% 40.5 40.5 0.0 0.0% 92.6% 44.4 44.3 -0.1 -0.2% 92.6% 48.7 48.7 0.0 0.0% 92.6% 46.4 46.5 0.1 0.2% 93.8% 40.3 40.5 0.2 0.5% 93.8% 44.3 43.3 0.0 0.0% 93.8% 48.6 48.6 0.0 0.0% 93.8% 46.4 46.4 0.0 0.0% 95.1% 40.3 40.3 0.0 0.0% 95.1% 43.9 43.9 0.0 0.0% 95.1% 48.4 48.4 0.0 0.0% 95.1% 46.4 46.1 -0.3 -0.6% 96.3% 49.2 0.0 0.0% 96.3% 48.8 43.8 0.0 0.0% 96.3% 48.4 48.4 0.0 0.0% 95.1% 46.4 46.1 45.5 -0.6 -1.5% 97.5% 49.5 49.5 49.5 49.5 49.5 49.5 49.5 49.5					0.0%	90.1%								-0.1						-0.2%
93.8% 40.3 40.5 0.2 0.5% 93.8% 44.3 44.3 0.0 0.0% 93.8% 48.6 48.6 0.0 0.0% 93.8% 46.4 46.4 0.0 0.0% 95.1% 40.3 40.3 0.0 0.0% 95.1% 43.9 43.9 0.0 0.0% 95.1% 48.4 48.4 0.0 0.0% 95.1% 46.4 46.1 0.3 -0.6% 96.3% 39.2 39.2 0.0 0.0% 96.3% 43.8 40.0 0.0% 96.3% 48.4 48.4 0.0 0.0% 96.3% 46.1 45.5 -0.6 -1.3% 97.5% 39.0 39.1 0.1 0.3% 97.5% 43.5 0.0 0.0% 97.5% 48.3 48.4 0.1 0.2% 97.5% 45.5 45.4 0.1 0.2% 98.8% 38.7 38.7 0.0 0.0% 98.8% 42.9 42.9 0.0 0.0% 98.8% 47.5 47.5 0.0 0.0% 98.8% 45.3 45.4 0.1 0.2%						91.4%														0.0%
95.7% 40.3 40.3 0.0 0.0% 95.7% 43.9 43.9 0.0 0.0% 95.5% 48.4 48.4 0.0 0.0% 95.7% 46.4 46.1 -0.3 -0.6% 96.3% 39.2 39.2 0.0 0.0% 96.3% 43.8 43.8 0.0 0.0% 96.3% 48.4 48.4 0.0 0.0% 96.3% 46.1 45.5 -0.6 -1.3% 97.5% 39.0 39.1 0.1 0.3% 97.5% 43.5 43.5 0.0 0.0% 97.5% 48.3 48.4 0.1 0.2% 97.5% 45.5 45.4 0.1 -0.2% 98.8% 38.7 38.7 0.0 0.0% 98.8% 42.9 42.9 0.0 0.0% 98.8% 47.5 47.5 0.0 0.0% 98.8% 45.3 45.4 0.1 0.2%																				
96.3% 39.2 39.2 0.0 0.0% 96.3% 43.8 43.8 0.0 0.0% 96.3% 48.4 48.4 0.0 0.0% 96.3% 46.1 45.5 -0.6 -1.3% 97.5% 39.0 33.1 0.1 0.3% 97.5% 43.5 43.5 0.0 0.0% 97.5% 48.3 48.4 0.1 0.2% 97.5% 45.5 45.4 -0.1 -0.2% 98.8% 38.7 38.7 0.0 0.0% 98.8% 42.9 42.9 0.0 0.0% 98.8% 47.5 47.5 0.0 0.0% 98.8% 45.3 45.4 0.1 0.2%																				0.0%
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98.8% 38.7 38.7 0.0 0.0% 98.8% 42.9 42.9 0.0 0.0% 98.8% 47.5 47.5 0.0 0.0% 98.8% 45.3 45.4 0.1 0.2%						90.3%										90.3%				-1.3%
																				0.2%
	100.0%	38.7	38.7	0.0	0.0%	100.0%	42.9	42.9	0.0	0.0%	100.0%	47.5	47.5	0.0	0.0%	100.0%	45.3	45.4	0.1	

Table SQ-34-7b
Trinity River at Douglas City, Monthly Temperature
Probability of Exceedance

August

September

	Percent		June			Percent		July			Percent		August			Percent				
March Section March Section March Section March Section March Section March Ma		No Action Alternative	Alternative C	Absolute	Relative		No Action Alternative	Alternative C	Absolute	Relative		No Action Alternative	Alternative C	Absolute	Relative		No Action Alternative	Alternative C	Absolute	Relative
No.		Monthly Temperature	Monthly Temperature				Monthly Temperature	Monthly Temperature				Monthly Temperature	Monthly Temperature				Monthly Temperature	Monthly Temperature		
Color				(DEG-F)										(DEG-F)					(DEG-F)	
1				0.0	0.0%	0.0%			-0.4	-0.6%	0.0%			-0.9	-1.3%	0.0%			-1.8	-2.7%
3-76	1.2%	63.2	62.8	-0.4	-0.6%	1.2%	65.3	64.3	-1.0	-1.5%	1.2%	66.9	64.6	-2.3	-3.4%	1.2%	65.5	64.2	-1.3	-2.0%
AB						2.5%				-1.6%	2.5%								-1.1	-1.8%
Section Sect		62.1			0.0%		63.8					64.2	63.7		-0.8%					
The Col																				
1.5																				-3.0%
April																			-1.9	-3.2%
11 12 13 14 15 15 15 15 15 15 15	8.6%			-0.1						-0.2%	8.6%			-0.3	-0.5%				-1.7	-2.8%
1.00																				-0.7%
146, 146,	11.1%									0.0%	11.1%					11.1%				0.3%
140																				0.0%
Section Sect																				0.0%
175																			-0.1	-0.2%
150, 150,				0.1																-0.2%
18																				-0.7%
19											18.5%									
22.5																				
20.00																				-0.5%
2476 573 573 574 52 525																				
25.00 27.0											23.5%									-0.2%
27.										0.0%									0.2	0.4%
28.66 571	23.970			-0.2		23.370				0.0%	23.370				0.376	23.970			0.1	0.276
20		57.2 E7.4	50.0 EG 7	-0.4		27.270				0.5%	27.2%		59.9					55.9	0.0	0.0%
30.00 55.0																				0.0%
Str.	30.0%			-0.5		30.0%				0.2%	20.0%				=0.5% =0.2%	20.0%			0.0	0.0%
Same Sect																				0.4%
Sect				-0.3						0.270										0.476
Sect																				0.2%
37 PM 95																				0.0%
20.00 20.0	37.0%		55.8			37.0%		59.4	0.0		37.0%									
200, 50.2 50.2 0.0 0.07, 30.0 0.02 0.2 0.27, 20.0 0.05, 50.5 50.5 0.0 0.07, 0.		55.3		0.0	0.0%		59.3					59.6	59.5	-0.1	-0.2%	38.3%	55.3	55.4	0.1	
40 PK	39.5%					39.5%			0.2		39.5%			0.0		39.5%			0.1	0.2%
420% 54.8 0.2 0.5% 420% 52.8 0.2 0.5% 420% 52.8 0.2 0.5% 420% 52.8 0.2 0.2 0.2% 52.8 0.2 0.2 0.2% 52.8 0.2 0.2 0.2% 52.8 0.2 0.2 0.2% 52.8 0.2 0.2 0.2% 52.8 0.2 0.2 0.2% 52.8 0.2 0.2 0.2% 52.8 0.2 0.2 0.2% 52.8 0.2 0.2 0.2% 52.8 0.2 0.2 0.2% 52.8 0.2 0.2 0.2% 52.8 0.2 0.2 0.2% 52.8 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2																				
4276 546 546 00 00% 4276 588 588 588 01 02 076 4476 588 588 588 588 01 02 076 4476 588 588 588 588 588 588 588 588 588 58				0.2					0.1	0.2%	42.0%									0.2%
44-0% 54-5 54-6 0.1 0.7% 44-0% 58.7 58.8 0.1 0.2% 44-0% 59.4 0.0 0.0% 44-0% 59.1 55.1 0.0 0.0% 44-0% 59.4 0.0 0.0% 44-0% 59.1 59.1 0.0 0.0% 44-0% 59.1 59.1 0.0 0.0% 44-0% 59.1 59.1 0.0 0.0% 44-0% 59.1 59.1 0.0 0.0% 44-0% 59.1 59.1 0.0 0.0% 44-0% 59.1 59.1 0.0 0.0% 44-0% 59.1 59.1 0.0 0.0% 44-0% 59.1 59.1 0.0 0.0% 44-0% 59.1 59.1 0.0 0.0% 44-0% 59.1 59.1 0.0 0.0% 44-0% 59.1 59.1 0.0 0.0% 44-0% 59.1 59.1 0.0 0.0% 44-0% 59.1 59.1 0.0 0.0% 44-0% 59.1 59.1 59.1 59.1 59.1 59.1 59.1 59.1	43.2%	54.6				43.2%				0.2%	43.2%								-0.1	-0.2%
46.7% 94.5 44.5 0.0 0.0% 45.7% 95.5 57. 0.2 0.3% 45.7% 95.6 55.0 0.0 0.0% 45.7% 95.6 55.0 0.0 0.0% 45.7% 95.6 55.0 0.0 0.0% 45.7% 95.6 55.0 0.0 0.0% 45.7% 95.6 55.0 0.0 0.0% 45.7% 95.6 55.0 0.0 0.0% 45.7% 95.6 55.0 0.0 0.0% 45.7% 95.6 55.0 0.0 0.0% 45.7% 95.6 55.0 0.0 0.0% 45.7% 95.6 55.0 0.0 0.0% 45.7% 95.6 55.0 0.0 0.0% 45.7% 95.6 55.0 0.0 0.0% 45.7% 95.6 55.0 0.0 0.0% 45.7% 95.6 55.0 0.0 0.0% 45.7% 95.6 55.0 0.0 0.0% 45.7% 95.6 55.0 0.0 0.0 0.0% 45.7% 95.6 55.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.		54.5	54.6			44.4%	58.7	58.8	0.1			59.4	59.4				55.1	55.1	0.0	0.0%
467% 54.5 54.5 50.0 0.0 0.0% 46.9% 58.5 58.5 58.5 50.0 0.0 0.0% 46.9% 50.3 59.4 0.1 0.2% 46.9% 56.0 54.9 0.1 0.2% 56.0% 54.2 54.5 0.1 0.9% 56.0% 54.2 54.5 0.1 0.9% 56.0% 54.2 54.5 0.1 0.9% 56.0% 54.2 54.5 0.1 0.2% 56.0% 54.2 54.2 54.2 54.2 54.2 54.2 54.2 54.2	45.7%	54.5	54.5			45.7%	58.5	58.7	0.2	0.3%	45.7%	59.4	59.4	0.0	0.0%	45.7%	55.0	55.0	0.0	0.0%
441% 543 545 02 04% 841% 585 885 00 00% 841% 592 593 01 02% 441% 549 549 549 00 00% 541% 542 542 01 02% 542 543 00 02% 541% 543 543 00 00% 541% 542 543 00 02% 541% 543 543 00 00% 541% 541% 542 543 543 00 00% 541% 541% 541% 541% 541% 541% 541% 541	46.9%	54.5	54.5	0.0	0.0%	46.9%	58.5	58.5	0.0		46.9%	59.3	59.4	0.1	0.2%	46.9%	55.0	54.9	-0.1	
44-96 642 643 01 0.7% 64-96 544 542 01 0.7% 64-96 544 545 544 544 545 545 545 545 545 54	48.1%	54.3	54.5	0.2	0.4%	48.1%	58.5	58.5	0.0	0.0%	48.1%	59.2	59.3	0.1	0.2%	48.1%	54.9	54.9	0.0	0.0%
\$41% \$44\$ \$42\$ \$02 \$44% \$3.1% \$80\$ \$80\$ \$00\$ \$0.00% \$5.1% \$80\$ \$80\$ \$0.00\$ \$0.00% \$5.1% \$4.8% \$4	49.4%	54.2	54.3	0.1	0.2%	49.4%			0.1	0.2%	49.4%	59.2	59.3	0.1	0.2%	49.4%			0.0	0.0%
\$41% \$44\$ \$42\$ \$02 \$44% \$3.1% \$80\$ \$80\$ \$00\$ \$0.00% \$5.1% \$80\$ \$80\$ \$0.00\$ \$0.00% \$5.1% \$4.8% \$4					0.0%		58.2										54.8			0.2%
54.7% 54.0 54.1 0.1 0.2% 54.3% 58.0 58.0 0.0 0.0% 54.3% 58.9 58.9 58.9 0.0 0.0% 54.3% 54.8 0.0 0.0% 58.5% 54.7 54.7 54.7 54.7 54.7 54.8 58.8 54.8 54.8 54.8 54.8 54.8 54.8	51.9%					51.9%				0.3%	51.9%								0.0	0.0%
55.6% S3.0 S3.0 O.0 O.0% S5.6% S7.9 S7.9 O.0 O.0% S5.6% S8.6 -0.1 -0.2% S5.6% S4.7 S4.7 O.0 O.0% S5.6% S3.0 S3.0 O.0 O.0% S5.6% S7.8 S7.8 O.0 O.0% S5.6% S8.7 S8.7 O.0 O.0% S5.6% S8.7 S8.7 O.0 O.0% S5.6% S8.7 S8.7 S8.7 O.0 O.0% S5.6% S8.7 S8.7 S8.7 S8.7 S8.7 S8.7 S8.7 S8.7	53.1%	54.0	54.2			53.1%			0.0	0.0%	53.1%	58.9		0.1	0.2%	53.1%	54.8		0.0	0.0%
58.0% 53.9 53.9 0.0 0.0% 58.0% 57.8 57.8 0.0 0.0% 58.0% 52.7 54.7 0.0 0.0% 58.0% 52.7 54.8 0.0 0.0% 58.0% 52.8 52.8 0.0 0.0% 58.0% 52.8 52.8 0.0 0.0% 58.0% 52.8 52.8 0.0 0.0% 58.0% 52.8 52.8 0.0 0.0% 58.0% 52.8 52.8 0.0 0.0% 58.0% 52.8 52.8 0.0 0.0% 59.0% 52.8 52.8 0.0 0.0 0.0% 52.8 52.8 0.0 0.0 0.0% 52.8 52.8 0.0 0.0 0.0% 52.8 52.8 0.0 0.0 0.0% 52.8 52.8 0.0 0.0 0.0% 52.8 52.8 0.0 0.0 0.0% 52.8 52.8 0.0 0.0 0.0% 52.8																				
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59.9% 53.5 53.6 0.1 0.2% 59.3% 57.7 57.7 0.0 0.0% 59.3% 58.6 58.6 0.0 0.0% 59.3% 54.6 54.5 4.1 4.2% 57.6 57.8 57.8 57.8 0.0 0.0% 59.3% 58.8 58.5 0.0 0.0% 59.3% 54.6 54.5 4.1 4.2% 57.8 57.8 57.8 57.8 0.0 0.0% 59.3% 54.6 54.8 4.1 4.2% 57.8 57.8 57.8 57.8 57.8 57.8 57.8 57.8																				
60.5% 53.5 53.5 0.0 0.0% 60.5% 57.5 57.5 0.0 0.0% 60.5% 58.6 58.5 0.1 -0.2% 60.5% 54.6 54.5 -0.1 -0.2% 63.5% 53.4 -0.1 -0.2% 61.7% 57.4 57.4 57.4 0.0 0.0% 61.7% 58.5 58.5 0.0 0.0% 61.7% 54.6 54.5 -0.1 -0.2% 63.0% 53.4 53.2 -0.2 -0.4% 63.0% 57.4 57.4 0.0 0.0% 62.0% 58.5 58.5 0.0 0.0% 62.0% 54.6 54.6 54.6 -0.4 -0.4% 63.0% 57.4 57.4 0.0 0.0% 62.0% 52.0% 58.5 58.5 0.0 0.0% 62.0% 54.6 54.6 -0.4 -0.4% 62.0% 54.6 54.6 54.6 -0.4 -0.4% 62.0% 54.6 54.6 54.6 -0.4 -0.4% 62.0% 54.6 54.6 54.6 -0.4 -0.4% 62.0% 54.6 54.6 54.6 -0.4 -0.4% 62.0% 54.6 54.6 -0.4 -0.4% 62.0% 54.6 54.6 -0.4 -0.4% 62.0% 54.6 54.6 -0.4 -0.4% 62.0% 54.6 54.6 -0.4 -0.4% 62.0% 54.6 54.6 -0.4 -0.4% 62.0% 54.6 54.6 -0.4 -0.4% 62.0% 54.6 54.6 -0.4 -0.4% 62.0% 54.6 54.6 -0.4 -0.4% 62.0% 54.6 54.6 -0.4 -0.4% 62.0% 54.6 54.6 -0.4 -0.4% 62.0% 54.6 54.6 -0.4 -0.4% 62.0% 54.6 54.6 -0.4 -0.4% 62.0% 54.6 54.6 -0.4 -0.4% 62.0% 54.6 54.6 -0.4 -0.4% 62.0% 54.6 54.6 -0.4 -0.4% 62.0% 54.6 54.6 -0.4 -0.4% 62.0% 54.6 54.6 -0.4 -0.4% 62.0% 54.6 54.6 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4	58.0%	53.8	53.8	0.0		58.0%	57.8	57.8	0.0	0.0%	58.0%	58.7	58.6	-0.1		58.0%	54.7	54.6	-0.1	-0.2%
61.7%																			-0.1	-0.2%
830% 534 532 -0.2 -0.4% 50.0	60.5%			0.0					0.0	0.0%	60.5%			-0.1		60.5%			-0.1	-0.2%
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76.5% 52.6 52.5 -0.1 -0.2% 76.5% 56.7 56.7 0.0 0.0% 76.5% 58.1 58.1 0.0 0.0% 76.5% 53.9 53.7 -0.2 -0.4% 77.8% 52.5 52.4 -0.1 -0.2% 77.8% 56.6 56.7 0.1 0.2% 77.8% 58.1 58.1 0.0 0.0% 77.8% 53.9 53.7 -0.2 -0.4% 79.0% 52.5 52.3 -0.2 -0.4% 79.0% 56.4 56.4 0.0 0.0% 79.0% 58.0 58.0 0.0 0.0% 79.0% 53.8 53.7 -0.1 -0.2% 80.2% 52.1 52.1 0.0 0.0% 80.2% 56.2 56.1 -0.1 -0.2% 80.2% 58.0 57.9 -0.1 -0.2% 80.2% 58.0 57.9 -0.1 -0.2% 80.2% 59.0 51.0 0.1 0.2% 82.7% 56.0 56.0 -0.1 -0.2% 81.5% 57.9 57.7 -0.2 -0.3% 82.7% 55.0 51.0 0.1 0.2% 82.7% 56.0 56.0 0.0 0.0% 82.7% 57.5 57.7 -0.2 0.3% 82.7% 53.6 -0.1 -0.2% 84.0% 50.3 50.3 50.3 0.0 0.0% 84.0% 56.0 55.9 -0.1 -0.2% 84.0% 57.4 57.5 57.7 -0.2 0.3% 82.7% 53.6 53.4 -0.2 -0.4% 84.0% 50.3 50.3 50.3 0.0 0.0% 84.0% 56.0 55.9 -0.1 -0.2% 84.0% 57.4 57.5 57.1 -0.1 0.2% 84.0% 53.6 53.4 -0.2 -0.4% 82.7% 59.9 59.0 50.0 0.0 0.0% 82.7% 55.5 56.0 56.0 0.0 0.0 0.0% 82.7% 57.1 57.1 -0.1 0.2% 84.0% 53.6 53.3 0.3 0.0 0.0% 82.7% 55.9 56.6 -0.3 -0.5% 82.2% 50.1 50.1 0.2% 84.0% 53.6 53.3 0.3 0.0 0.0% 82.7% 55.5 56.4 -0.1 -0.2% 84.0% 57.1 57.1 0.1 0.2% 85.2% 53.6 53.3 53.3 0.0 0.0% 82.7% 55.5 56.4 -0.1 -0.2% 88.5% 57.2 57.1 -0.1 0.2% 85.2% 53.3 53.3 0.0 0.0% 82.7% 55.5 56.4 -0.1 -0.2% 88.4% 57.1 57.1 0.1 0.2% 86.4% 53.3 53.3 0.0 0.0% 89.7% 55.5 56.4 -0.1 -0.2% 88.9% 56.9 57.1 0.1 0.2% 86.7% 53.3 53.3 0.0 0.0% 90.7% 90.																				
77.8%	76.5%	52.6	52.5	-0.1		76.5%	56.7	56.7	0.0	0.0%	76.5%	58.1	58.1	0.0	0.0%	76.5%	53.9	53.7	-0.2	-0.4%
79.0% 52.5 52.3 -0.2 -0.4% 79.0% 56.4 56.4 0.0 0.0% 79.0% 58.0 58.0 58.0 57.9 -0.1 -0.2% 80.2% 58.1 50.0 0.0 0.0% 81.5% 51.6 51.6 0.0 0.0% 81.5% 56.1 56.0 -0.1 -0.2% 81.5% 57.9 -0.1 -0.2% 81.5% 57.9 57.7 -0.2 -0.3% 81.5% 53.7 53.6 -0.1 -0.2% 80.2% 58.0 57.9 57.7 -0.2 -0.3% 81.5% 53.7 53.6 -0.1 -0.2% 84.0% 57.9 57.7 -0.2 -0.3% 82.7% 53.6 53.6 -0.1 -0.2% 84.0% 57.7 -0.2 -0.3% 82.7% 53.6 53.6 -0.1 -0.2% 84.0% 57.7 -0.2 -0.3% 82.7% 53.6 53.4 -0.1 -0.2% 84.0% 57.7 -0.2 0.3% 82.7% 53.6																			-0.2	-0.4%
80.2% 52.1 52.1 0.0 0.0% 80.2% 56.2 56.1 0.1 0.2% 80.2% 58.0 57.9 0.1 0.2% 80.2% 53.7 53.6 0.1 0.2% 81.5% 51.6 51.6 51.6 51.6 51.6 51.6 51.6 51.6	79.0%	52.5	52.3	-0.2		79.0%	56.4	56.4	0.0	0.0%	79.0%	58.0	58.0	0.0	0.0%	79.0%	53.8	53.7	-0.1	-0.2%
81.5% 51.6 51.6 0.0 0.0% 81.5% 56.1 56.0 0.1 0.2% 82.7% 55.9 57.7 0.2 0.3% 81.5% 53.7 53.6 0.1 0.2% 84.0% 50.3 50.3 0.0 0.0% 84.0% 56.0 55.9 0.1 0.2% 84.0% 57.4 57.5 57.7 0.2 0.3% 82.7% 53.6 53.5 0.1 0.2% 86.0% 57.4 57.5 0.1 0.2% 84.0% 53.6 53.4 0.2 0.4% 86.0% 57.4 57.5 0.1 0.2% 84.0% 53.6 53.4 0.2 0.4% 86.0% 85.2% 55.1 50.1 0.0 0.0% 85.2% 55.9 55.6 0.3 0.2% 85.2% 57.1 0.1 0.2% 85.2% 53.6 53.3 0.3 0.3 0.0 0.0% 85.2% 55.9 55.6 0.3 0.2% 85.2% 57.1 0.1 0.2% 85.2% 53.6 53.3 0.3 0.0 0.0% 87.7% 87.0 0.0 0.0% 86.4% 57.1 57.1 57.1 0.0 0.0% 86.4% 53.3 53.3 0.0 0.0% 87.7% 55.5 55.4 0.1 0.2% 88.2% 57.1 57.1 0.1 0.2% 88.2% 57.2 57.1 0.1 0.2% 88.2% 57.2 57.1 0.1 0.2% 88.2% 57.2 57.1 0.1 0.2% 88.2% 57.2 57.1 0.1 0.2% 87.7% 57.0 57.1 57.1 0.0 0.0% 87.7% 53.3 53.3 0.0 0.0% 87.7% 57.5 57.1 0.1 0.2% 88.9% 56.9 57.1 0.1 0.2% 88.5% 59.3 57.1 0.2 0.4% 88.5% 59.3 57.1 0.1 0.2% 99.1% 59.0 59.1% 59.0 59.1% 5	80.2%	52.1	52.1	0.0	0.0%	80.2%	56.2	56.1	-0.1	-0.2%	80.2%	58.0	57.9	-0.1	-0.2%	80.2%	53.7	53.6	-0.1	-0.2%
82.7% 50.9 51.0 0.1 0.2% 82.7% 56.0 56.0 0.0 0.0% 82.7% 57.5 57.7 0.2 0.3% 82.7% 53.6 53.5 0.1 0.2% 84.0% 53.6 53.5 0.1 0.2% 85.2% 50.1 0.0 0.0% 85.2% 50.1 50.1 0.0 0.0% 85.2% 55.9 55.6 0.3 0.5% 85.2% 57.2 57.1 0.1 0.2% 85.2% 53.6 53.3 0.3 0.0 0.0% 86.4% 55.6 55.5 0.1 0.2% 86.4% 57.1 57.1 0.0 0.0% 86.4% 53.3 53.3 0.0 0.0% 87.7% 49.8 49.8 0.0 0.0% 87.7% 55.5 55.4 0.1 0.2% 87.7% 57.0 57.1 0.1 0.2% 87.7% 53.3 53.3 0.0 0.0% 89.7% 55.4 55.3 0.1 0.2% 88.9% 55.9 55.4 0.1 0.2% 88.9% 55.9 57.1 0.1 0.2% 88.9% 55.9 57.1 0.1 0.2% 87.7% 57.0 57.1 0.1 0.2% 87.7% 53.3 53.3 0.0 0.0% 87.7% 89.5 0.0 0.0% 87.7% 55.5 55.4 0.1 0.2% 88.9% 56.9 57.1 0.1 0.2% 87.7% 53.3 53.3 0.0 0.0% 91.4% 55.1 0.1 0.2% 88.9% 56.9 57.1 0.1 0.2% 91.4% 53.0 53.0 0.0 0.0% 91.4% 59.1 0.1 0.2% 91.4% 59.1 0.0 0.0% 91.4% 55.0 55.1 0.0 0.0% 91.4% 56.8 56.9 57.0 0.1 0.2% 91.4% 53.0 53.0 0.0 0.0% 92.6% 93.8% 54.6 54.6 0.0 0.0% 92.6% 56.4 56.8 0.4 0.7% 92.6% 53.0 53.0 0.0 0.0% 93.8% 54.6 54.5 54.5 0.1 0.2% 93.8% 56.3 56.4 0.1 0.2% 93.8% 53.0 53.0 0.0 0.0% 95.1% 56.3 56.4 0.1 0.2% 93.8% 53.0 53.0 0.0 0.0% 95.1% 95.3 56.3 56.4 0.1 0.2% 93.8% 52.6 52.5 0.1 0.0 0.0% 95.1% 56.3 56.4 0.1 0.2% 93.8% 53.0 53.0 0.0 0.0% 95.1% 95.3 56.4 56.8 0.4 0.7% 92.6% 53.0 53.0 0.0 0.0% 95.1% 95.3 56.4 56.8 0.4 0.7% 92.6% 53.0 53.0 0.0 0.0% 95.1% 95.3 56.3 56.4 0.1 0.2% 95.1% 52.6 52.5 0.1 0.2% 95.1% 95.1% 95.3 56.3 56.3 0.0 0.0% 95.1% 52.6 52.5 0.1 0.2% 95.5% 96.3 56.3 56.3 0.0 0.0% 95.1% 52.6 52.5 0.1 0.2% 95.5% 96.3 56.3 56.3 0.0 0.0% 95.1% 52.6 52.5 0.1 0.2% 95.5% 96.3 56.3 56.3 0.0 0.0% 95.1% 52.6 52.5 0.1 0.2% 95.5% 96.3 56.3 56.3 0.0 0.0% 95.1% 52.6 52.5 0.1 0.2% 95.5% 96.3 56.3 56.3 0.0 0.0% 97.5% 51.5 51.6 0.1 0.2% 96.3% 54.2 54.2 0.0 0.0% 95.5% 55.1 55.3 0.2 0.4% 97.5% 51.5 51.6 0.1 0.2% 96.3% 54.2 54.2 0.0 0.0% 95.5% 55.1 55.3 0.2 0.4% 97.5% 51.5 51.6 0.1 0.2% 96.3% 54.1 54.2 0.1 0.2% 96.3% 55.1 55.3 0.2 0.4% 97.5% 51.5 51.6 0.1 0.2% 96.3% 54.1 54.2 0.1 0.0 0.0% 96.3% 54.1 54.2 0.1 0.0 0.0% 96.3% 54.1 54.2 0.1 0.0 0.0% 96.3% 54.1 54.2 0.1 0.0 0.0% 96.3% 54.1 54.2 0.1 0.0 0	81.5%		51.6		0.0%	81.5%			-0.1	-0.2%	81.5%	57.9			-0.3%	81.5%			-0.1	-0.2%
84.0% 50.3 50.3 0.0 0.0% 84.0% 56.0 55.9 0.1 0.2% 84.0% 57.4 57.5 0.1 0.2% 84.0% 53.6 53.4 0.2 0.4% 85.2% 50.1 50.1 0.0 0.0% 85.2% 55.9 55.6 0.3 0.5% 55.9 55.6 0.3 0.5% 55.9 55.6 0.3 0.5% 55.9 55.6 0.3 0.5% 55.9 55.6 0.3 0.5% 55.9 55.6 0.3 0.5% 55.9 55.6 0.3 0.5% 55.9 55.6 0.3 0.5% 55.9 55.6 0.3 0.5% 55.9 55.6 0.3 0.5% 55.9 55.6 0.3 0.5% 55.9 55.6 0.3 0.5% 55.9 55.6 0.3 0.5% 55.9 55.6 0.3 0.5% 55.9 55.6 0.3 0.5% 55.9 55.6 0.3 0.3 0.0 0.0% 87.7% 57.0 57.1 0.1 0.2% 87.7% 53.3 53.3 0.0 0.0% 88.9% 49.8 49.8 49.8 49.7 0.1 0.2% 88.9% 55.5 55.4 0.1 0.2% 88.9% 56.9 57.1 0.1 0.2% 88.9% 53.2 53.1 0.1 0.2% 90.1% 59.1% 55.1 55.1 0.0 0.0% 99.1% 59.9 57.0 0.1 0.2% 90.1% 53.0 53.0 0.0 0.0% 91.4% 49.5 0.1 0.2% 91.4% 55.0 55.0 0.0 0.0% 99.1% 55.0 55.0 0.0 0.0% 99.1% 59.0 59.0 0.1 0.2% 99.1% 53.0 53.0 53.0 0.0 0.0% 92.6% 91.4% 49.4 49.5 0.1 0.2% 91.4% 55.0 55.0 0.0 0.0 0.0% 91.4% 56.8 56.9 0.1 0.2% 99.1% 53.0 53.0 0.0 0.0% 92.6% 92.6% 92.2 48.7 0.5 0.0 0.0% 92.6% 54.6 54.6 0.0 0.0% 92.6% 56.4 56.8 0.4 0.7% 92.6% 53.0 53.0 0.0 0.0% 93.8% 54.6 54.6 54.6 0.0 0.0% 95.1% 56.3 56.4 0.1 0.2% 93.8% 53.0 52.5 0.5 0.5 0.5 0.0 0.0 0.0% 95.1% 56.3 56.4 0.1 0.2% 93.8% 53.0 52.5 0.5 0.5 0.5 0.0 0.0 0.0% 95.1% 56.3 56.4 0.1 0.2% 93.8% 53.0 52.5 0.5 0.5 0.5 0.0 0.0 0.0% 95.1% 56.3 56.3 56.4 0.1 0.2% 93.8% 53.0 52.5 0.5 0.5 0.5 0.0 0.0 0.0% 95.1% 56.3 56.4 0.1 0.2% 93.8% 52.3 52.2 0.1 0.2% 95.3% 56.1 56.0 0.1 0.2% 96.3% 52.3 52.2 0.1 0.2% 96.3% 52.3 52.2 0.1 0.2% 96.3% 52.3 52.2 0.1 0.2% 96.3% 52.3 52.4 0.1 0.2% 96.3% 52.3 52.2 0.1 0.2% 96.3% 54.2 47.2 0.0 0.0% 97.5% 51.4 51.4 0.0 0.0% 97.5% 55.1 55.1 56.1 0.6 1.1% 98.8% 50.9 51.6 0.1 0.2% 98.8% 46.8 46.9 0.1 0.2% 98.8% 48.9 49.7 49.7 0.0 0.0% 97.5% 55.1 55.1 0.6 1.1% 98.8% 50.9 51.6 0.0 0.0% 98.8% 46.8 46.9 0.1 0.2% 98.8% 48.9 49.7 49.7 0.0 0.0% 98.8% 55.1 55.1 0.6 1.1% 98.8% 50.9 51.6 0.3 0.0 0.0% 98.8% 54.6 54.5 55.1 0.6 1.1% 98.8% 50.9 51.6 0.0 0.0% 98.8% 54.8 54.8 54.8 54.9 0.0 0.0% 97.5% 51.4 0.0 0.0% 97.5% 55.1 0.0 0.0% 97.5% 55.1 0.0 0.0% 97.5% 55.1 0.0 0.0% 97.5% 55.1 0.0 0.0% 97.5% 55.	82.7%	50.9		0.1	0.2%	82.7%	56.0			0.0%	82.7%	57.5		0.2	0.3%	82.7%	53.6	53.5	-0.1	-0.2%
86.4% 49.9 49.9 0.0 0.0% 86.4% 55.6 55.5 0.1 0.2% 88.4% 57.1 57.1 0.0 0.0% 86.4% 53.3 53.3 0.0 0.0% 87.7% 53.8 53.3 0.0 0.0% 88.9% 49.8 0.0 0.0% 87.7% 55.5 55.4 0.1 0.2% 88.9% 56.9 57.1 0.1 0.2% 88.9% 53.2 53.1 0.1 0.2% 89.9% 90.1% 55.1 55.1 55.1 0.0 0.0% 99.1% 56.9 57.0 0.1 0.2% 90.1% 53.2 53.1 0.0 0.0% 91.4% 49.5 0.0 0.0% 99.1% 55.0 55.0 0.0 0.0% 99.1% 56.8 56.9 57.0 0.1 0.2% 99.1% 53.0 53.0 0.0 0.0% 91.4% 49.5 0.1 0.2% 91.4% 55.0 55.0 0.0 0.0% 91.4% 56.8 56.9 57.0 0.1 0.2% 99.1% 53.0 53.0 0.0 0.0% 92.6% 49.2 48.7 49.5 0.1 0.2% 92.6% 54.6 54.6 0.0 0.0% 92.6% 56.4 56.8 0.4 0.7% 92.6% 53.0 53.0 0.0 0.0% 93.8% 54.6 54.6 54.6 0.0 0.0% 92.6% 56.4 56.8 0.4 0.7% 92.8% 53.0 53.0 52.5 0.5 0.0 0.0% 95.1% 56.3 56.4 0.1 0.2% 93.8% 53.0 53.0 52.5 0.5 0.9% 96.3% 54.6 54.5 0.1 0.2% 96.3% 56.3 56.4 0.1 0.2% 93.8% 53.0 52.5 0.5 0.9% 96.3% 54.6 54.5 0.1 0.2% 96.3% 56.3 56.3 0.0 0.0% 95.1% 52.6 52.5 0.1 0.2% 96.3% 54.2 0.0 0.0% 95.1% 56.3 56.3 56.3 0.0 0.0% 95.1% 52.6 52.5 0.1 0.2% 97.5% 54.1 54.2 0.1 0.2% 96.3% 56.1 56.0 0.1 0.2% 96.3% 52.3 52.2 0.1 0.2% 97.5% 51.5 51.6 0.1 0.2% 98.8% 46.8 46.9 0.1 0.2% 98.8% 46.8 46.9 0.1 0.2% 98.8% 54.5 55.1 55.1 0.6 1.1% 98.8% 50.9 50.6 0.3 0.0%				0.0						-0.2%				0.1					-0.2	-0.4%
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96.3% 47.6 47.6 0.0 0.0% 96.3% 54.1 54.2 0.1 0.2% 96.3% 56.1 56.0 -0.1 -0.2% 96.3% 52.3 52.2 -0.1 -0.2% 97.5% 47.2 47.2 0.0 0.0% 97.5% 51.4 51.4 0.0 0.0% 97.5% 55.1 55.3 0.2 0.4% 97.5% 51.5 51.6 0.1 0.2% 98.8% 48.8 46.9 0.1 0.2% 98.8% 49.7 49.7 0.0 0.0% 98.8% 54.5 55.1 0.6 1.1% 98.8% 50.9 50.6 -0.3 -0.6%		48.2	48.2			93.8%		54.5		-0.2%	93.8%				0.2%	93.8%		52.5	-0.5	-0.9%
97.5% 47.2 47.2 0.0 $0.0%$ $97.5%$ 51.4 51.4 0.0 $0.0%$ $97.5%$ 55.1 55.3 0.2 $0.4%$ $97.5%$ 51.5 51.6 0.1 $0.2%$ $98.8%$ 48.8 46.9 0.1 $0.2%$ $98.8%$ 48.8 46.9 0.1 $0.2%$ $98.8%$ 48.8 48.9 49.7 49.7 0.0 $0.0%$ $98.8%$ 54.5 55.1 0.6 $1.1%$ $98.8%$ 59.9 50.9 50.6 -0.3 $-0.6%$																			-0.1	-0.2%
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100.0% 46.8 46.9 0.1 0.2% 100.0% 49.7 49.7 0.0 0.0% 100.0% 54.5 55.1 0.6 1.1% 100.0% 50.9 50.6 -0.3 -0.6%																				
	100.0%	46.8	46.9	0.1	0.2%	100.0%	49.7	49.7	0.0	0.0%	100.0%	54.5	55.1	0.6	1.1%	100.0%	50.9	50.6	-0.3	-0.6%

Table SQ:35-7a Trinity River at North Fork, Monthly Temperature Long-term Average and Average by Water Year Type

		Long	1011117110	age and r		y water re						
					Mon	thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	53.2	44.1	39.8	38.5	43.1	46.6	53.5	51.2	58.8	64.5	64.6	59.1
Alternative C	53.0	44.0	39.8	38.6	43.1	46.6	53.5	51.2	58.8	64.5	64.6	59.0
Difference	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1
Percent Difference ³	-0.3%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	-0.2%
				Water Y	ear Types	2						
Wet (32%)												
No Action Alternative	52.5	44.1	40.5	39.6	43.3	46.0	52.7	50.1	55.3	62.8	64.9	59.0
Alternative C	52.5	44.1	40.5	39.7	43.3	46.0	52.7	50.1	55.3	62.8	64.8	59.1
Difference	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1
Percent Difference	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.1%
Above Normal (15%)												
No Action Alternative	52.5	42.8	39.6	38.3	43.1	46.4	53.5	50.3	57.8	63.4	64.1	58.3
Alternative C	52.4	42.7	39.6	38.3	43.1	46.4	53.5	50.3	57.6	63.3	64.0	58.2
Difference	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.1	-0.1	-0.1
Percent Difference	-0.2%	-0.3%	0.1%	0.0%	0.1%	0.1%	0.0%	0.0%	-0.3%	-0.2%	-0.2%	-0.2%
Below Normal (17%)												
No Action Alternative	53.6	44.4	39.5	37.9	42.6	46.5	53.9	50.9	59.5	64.9	64.9	59.5
Alternative C	53.5	44.4	39.6	37.9	42.6	46.5	53.9	50.9	59.5	64.9	64.9	59.4
Difference	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Percent Difference	-0.2%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.2%
Dry (22%)												
No Action Alternative	53.0	44.2	39.8	37.7	42.8	46.9	54.0	51.5	61.5	65.2	63.9	58.5
Alternative C	52.9	44.1	39.9	37.8	42.8	46.9	53.9	51.5	61.5	65.2	64.0	58.4
Difference	-0.1	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1
Percent Difference	-0.2%	-0.2%	0.0%	0.3%	0.0%	0.0%	-0.1%	0.0%	0.1%	-0.1%	0.2%	-0.2%
Critical (15%)												
No Action Alternative	54.9	44.6	38.5	38.3	43.4	47.5	54.0	54.3	63.2	67.8	65.4	60.6
Alternative C	54.3	44.5	38.5	38.4	43.4	47.5	54.0	54.1	63.2	67.8	64.9	60.1
Difference	-0.6	-0.1	0.0	0.1	0.0	0.0	0.0	-0.2	0.0	0.1	-0.4	-0.5
Percent Difference	-1.1%	-0.2%	0.0%	0.3%	0.0%	-0.1%	0.0%	-0.3%	0.0%	0.1%	-0.7%	-0.9%

¹ Based on the 82-year simulation period



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

³ Relative difference of the monthly average

Figure SQ-35-7b Trinity River at North Fork, Monthly Temperature Probability of Exceedance

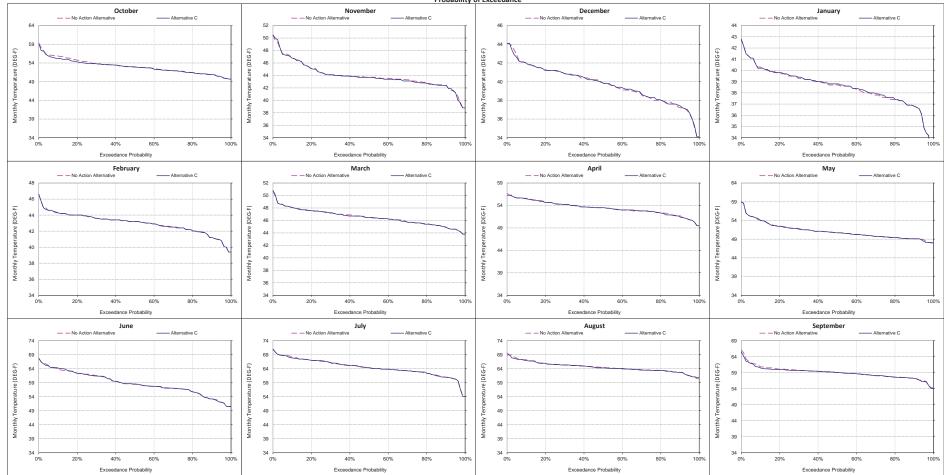


Table SQ-35-7b Trinity River at North Fork, Monthly Temperature Probability of Exceedance

-		October					November					December					January		
Percent	No Action Alternative	Alternative C	Absolute		Percent	No Action Alternative	Alternative C	Absolute		Percent	No Action Alternative	Alternative C	Absolute		Percent	No Action Alternative	Alternative C	Absolute	
Exceedance			Difference	Relative	Exceedance			Difference	Relative	Exceedance			Difference	Relative	Exceedance			Difference	Relative
Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	59.3	59.2	-0.1	-0.2%	0.0%	50.5	50.5	0.0	0.0%	0.0%	44.1	44.1	0.0	0.0%	0.0%	42.8	42.8	0.0	0.0%
1.2%	58.1	57.3	-0.8	-1.4%	1.2%	49.6	50.0	0.4	0.8%	1.2%	44.1	44.1	0.0	0.0%	1.2%	42.2	42.2	0.0	0.0%
2.5%	57.3	57.2	-0.1	-0.2%	2.5%	49.3	49.7	0.4	0.8%	2.5%	43.8	43.4	-0.4	-0.9%	2.5%	41.5	41.5	0.0	0.0%
3.7%	56.4	56.3	-0.1	-0.2%	3.7%	48.3	48.4	0.1	0.2%	3.7%	43.4	42.9	-0.5	-1.2%	3.7%	41.3	41.3	0.0	0.0%
4.9%	56.1	55.9	-0.2	-0.4%	4.9%	47.5	47.4	-0.1	-0.2%	4.9%	42.9	42.6	-0.3	-0.7%	4.9%	41.1	41.1	0.0	0.0%
6.2%	56.1	55.6	-0.5	-0.9%	6.2%	47.5	47.3	-0.2	-0.4%	6.2%	42.3	42.2	-0.1	-0.2%	6.2%	41.1	41.1	0.0	0.0%
7.4%	56.0	55.5	-0.5	-0.9%	7.4%	47.4	47.2	-0.2	-0.4%	7.4%	42.1	42.1	0.0	0.0%	7.4%	40.6	40.6	0.0	0.0%
8.6%	55.9	55.3	-0.6	-1.1%	8.6%	47.2	47.1	-0.1	-0.2%	8.6%	42.1	42.1	0.0	0.0%	8.6%	40.3	40.2	-0.1	-0.2%
9.9%	55.9	55.2	-0.7	-1.3%	9.9%	46.8	46.8	0.0	0.0%	9.9%	42.0	42.0	0.0	0.0%	9.9%	40.3	40.2	-0.1	-0.2%
11.1%	55.7	55.2	-0.5	-0.9%	11.1%	46.7	46.7	0.0	0.0%	11.1%	41.9	41.8	-0.1	-0.2%	11.1%	40.2	40.2	0.0	0.0%
12.3%	55.7	55.2 55.0	-0.5	-0.9%	12.3%	46.7	46.4	-0.1	-0.2%	12.3%	41.8	41.8	0.0	0.2%	12.3%	40.1	40.2	0.0	0.0%
13.6%	55.5	55.0	-0.5	-0.9%	13.6%	46.5	46.4	-0.1	-0.2%	13.6%	41.7	41.7	0.0	0.0%	13.6%	40.0	40.1	0.1	0.2%
14.8%	55.3	55.0	-0.3	-0.5%	14.8%	46.2	46.2	0.0	0.0%	14.8%	41.7	41.6	-0.1	-0.2%	14.8%	40.0	39.9	-0.1	-0.2%
16.0%	55.3	54.8	-0.5	-0.9%	16.0%	45.7	45.7	0.0	0.0%	16.0%	41.5	41.5	0.0	0.0%	16.0%	39.9	39.9	0.0	0.0%
17.3%	55.0	54.5	-0.5	-0.9%	17.3%	45.6	45.6	0.0	0.0%	17.3%	41.5	41.5	0.0	0.0%	17.3%	39.9	39.8	-0.1	-0.3%
18.5%	54.9	54.5	-0.4	-0.7%	18.5%	45.4	45.4	0.0	0.0%	18.5%	41.4	41.4	0.0	0.0%	18.5%	39.8	39.8	0.0	0.0%
19.8%	54.8	54.3	-0.5	-0.9%	19.8%	45.1	45.1	0.0	0.0%	19.8%	41.3	41.2	-0.1	-0.2%	19.8%	39.7	39.8	0.1	0.3%
21.0%	54.6	54.2	-0.4	-0.7%	21.0%	45.1	45.0	-0.1	-0.2%	21.0%	41.2	41.2	0.0	0.0%	21.0%	39.7	39.8	0.1	0.3%
22.2%	54.5	54.1	-0.4	-0.7%	22.2%	45.1	45.0	-0.1	-0.2%	22.2%	41.2	41.2	0.0	0.0%	22.2%	39.7	39.7	0.0	0.0%
23.5%	54.4	54.0	-0.4	-0.7%	23.5%	44.6	44.6	0.0	0.0%	23.5%	41.2	41.2	0.0	0.0%	23.5%	39.6	39.7	0.1	0.3%
24.7%	54.4	53.9	-0.5	-0.9%	24.7%	44.4	44.5	0.1	0.2%	24.7%	41.2	41.2	0.0	0.0%	24.7%	39.5	39.6	0.1	0.3%
25.9%	54.1	53.9	-0.2	-0.4%	25.9%	44.4	44.4	0.0	0.0%	25.9%	41.1	41.2	0.1	0.2%	25.9%	39.5	39.5	0.0	0.0%
27.2%	54.0	53.9	-0.1	-0.2%	27.2%	44.2	44.2	0.0	0.0%	27.2%	41.1	41.1	0.0	0.0%	27.2%	39.5	39.5	0.0	0.0%
28.4%	53.9	53.8	-0.1	-0.2%	28.4%	44.1	44.1	0.0	0.0%	28.4%	41.0	41.0	0.0	0.0%	28.4%	39.5	39.5	0.0	0.0%
29.6%	53.8	53.8	0.0	0.0%	29.6%	44.1	44.1	0.0	0.0%	29.6%	40.9	40.9	0.0	0.0%	29.6%	39.3	39.4	0.1	0.3%
30.9%	53.8	53.7	-0.1	-0.2%	30.9%	44.1	44.1	0.0	0.0%	30.9%	40.8	40.8	0.0	0.0%	30.9%	39.3	39.4	0.1	0.3%
30.9%	53.7	53.7	0.0	0.0%	30.9%	44.1	44.1	-0.1	-0.2%	32.1%	40.8	40.8	0.0	0.0%	30.9%	39.3	39.4	0.1	0.3%
33.3%	53.6	53.6	0.0	0.0%	33.3%	44.1	44.0	0.0	0.0%	33.3%		40.7		-0.2%	33.3%	39.2	39.2	0.0	
33.3%	53.6 53.6	53.6 53.6	0.0	0.0%	33.3%	44.0 44.0	44.0 44.0	0.0	0.0%	33.3%	40.8 40.7	40.7	-0.1 0.0	-0.2%	33.3%	39.2	39.2	0.0	0.0%
35.8%	53.6	53.5	-0.1	-0.2%	35.8%	44.0	43.9	-0.1	-0.2%	35.8%	40.7	40.7	0.0	0.0%	35.8%	39.2	39.2	0.0	0.0%
37.0%	53.5	53.5	0.0	0.0%	37.0%	44.0	43.9	-0.1	-0.2%	37.0%	40.7	40.6	-0.1	-0.2%	37.0%	39.1	39.1	0.0	0.0%
38.3%	53.5	53.5	0.0	0.0%	38.3%	43.9	43.9	0.0	0.0%	38.3%	40.4	40.6	0.2	0.5%	38.3%	39.0	39.1	0.1	0.3%
39.5%	53.5	53.4	-0.1	-0.2%	39.5%	43.9	43.9	0.0	0.0%	39.5%	40.4	40.5	0.1	0.2%	39.5%	39.0	39.0	0.0	0.0%
40.7%	53.4	53.4	0.0	0.0%	40.7%	43.9	43.8	-0.1	-0.2%	40.7%	40.4	40.4	0.0	0.0%	40.7%	39.0	39.0	0.0	0.0%
42.0%	53.2	53.3	0.1	0.2%	42.0%	43.8	43.8	0.0	0.0%	42.0%	40.4	40.2	-0.2	-0.5%	42.0%	38.9	39.0	0.1	0.3%
43.2%	53.1	53.2	0.1	0.2%	43.2%	43.8	43.8	0.0	0.0%	43.2%	40.3	40.2	-0.1	-0.2%	43.2%	38.9	38.9	0.0	0.0%
44.4%	53.1	53.1	0.0	0.0%	44.4%	43.8	43.7	-0.1	-0.2%	44.4%	40.2	40.2	0.0	0.0%	44.4%	38.8	38.9	0.1	0.3%
45.7%	53.1	53.0	-0.1	-0.2%	45.7%	43.8	43.7	-0.1	-0.2%	45.7%	40.2	40.1	-0.1	-0.2%	45.7%	38.7	38.8	0.1	0.3%
46.9%	53.0	53.0	0.0	0.0%	46.9%	43.8	43.7	-0.1	-0.2%	46.9%	40.2	40.1	-0.1	-0.2%	46.9%	38.7	38.8	0.1	0.3%
48.1%	53.0	53.0	0.0	0.0%	48.1%	43.7	43.7	0.0	0.0%	48.1%	40.1	40.0	-0.1	-0.2%	48.1%	38.7	38.8	0.1	0.3%
49.4%	53.0	52.9	-0.1	-0.2%	49.4%	43.7	43.7	0.0	0.0%	49.4%	39.9	39.9	0.0	0.0%	49.4%	38.7	38.8	0.1	0.3%
50.6%	52.9	52.9	0.0	0.0%	50.6%	43.7	43.7	0.0	0.0%	50.6%	39.8	39.8	0.0	0.0%	50.6%	38.7	38.8	0.1	0.3%
51.9%	52.8	52.8	0.0	0.0%	51.9%	43.7	43.7	0.0	0.0%	51.9%	39.8	39.8	0.0	0.0%	51.9%	38.6	38.7	0.1	0.3%
53.1%	52.8	52.8	0.0	0.0%	53.1%	43.7	43.6	-0.1	-0.2%	53.1%	39.7	39.8	0.1	0.3%	53.1%	38.6	38.7	0.1	0.3%
54.3%	52.8	52.8	0.0	0.0%	54.3%	43.7	43.5	-0.2	-0.5%	54.3%	39.6	39.6	0.0	0.0%	54.3%	38.6	38.6	0.0	0.0%
55.6%	52.8	52.7	-0.1	-0.2%	55.6%	43.6	43.5	-0.1	-0.2%	55.6%	39.6	39.6	0.0	0.0%	55.6%	38.6	38.6	0.0	0.0%
56.8%	52.7	52.7	0.0	0.2%	56.8%	43.5	43.5	0.0	0.0%	56.8%	39.4	39.4	0.0	0.0%	56.8%	38.6	38.6	0.0	0.0%
																38.4	38.4		
58.0%	52.7	52.7	0.0	0.0%	58.0%	43.5	43.4	-0.1	-0.2%		39.3	39.4	0.1	0.3%	58.0%			0.0	0.0%
59.3%	52.6	52.5	-0.1	-0.2%	59.3%	43.5	43.4	-0.1	-0.2%	59.3%	39.2	39.4	0.2	0.5%	59.3%	38.4	38.4	0.0	0.0%
60.5%	52.6	52.2	-0.4	-0.8%	60.5%	43.5	43.4	-0.1	-0.2%	60.5%	39.1	39.3	0.2	0.5%	60.5%	38.2	38.4	0.2	0.5%
61.7%	52.3	52.2	-0.1	-0.2%	61.7%	43.5	43.4	-0.1	-0.2%	61.7%	39.1	39.2	0.1	0.3%	61.7%	38.2	38.3	0.1	0.3%
63.0%	52.3	52.2	-0.1	-0.2%	63.0%	43.5	43.3	-0.2	-0.5%	63.0%	39.1	39.2	0.1	0.3%	63.0%	38.1	38.3	0.2	0.5%
64.2%	52.2	52.1	-0.1	-0.2%	64.2%	43.4	43.3	-0.1	-0.2%	64.2%	39.0	39.2	0.2	0.5%	64.2%	38.0	38.2	0.2	0.5%
65.4%	52.1	52.1	0.0	0.0%	65.4%	43.4	43.3	-0.1	-0.2%	65.4%	39.0	39.1	0.1	0.3%	65.4%	38.0	38.1	0.1	0.3%
66.7%	52.1	52.0	-0.1	-0.2%	66.7%	43.4	43.3	-0.1	-0.2%	66.7%	38.9	39.0	0.1	0.3%	66.7%	38.0	38.0	0.0	0.0%
67.9%	52.0	52.0	0.0	0.0%	67.9%	43.4	43.1	-0.3	-0.7%	67.9%	38.9	39.0	0.1	0.3%	67.9%	37.9	38.0	0.1	0.3%
69.1%	52.0	51.9	-0.1	-0.2%	69.1%	43.3	43.1	-0.2	-0.5%	69.1%	38.8	38.9	0.1	0.3%	69.1%	37.8	38.0	0.2	0.5%
70.4%	51.9	51.9	0.0	0.0%	70.4%	43.3	43.1	-0.2	-0.5%	70.4%	38.5	38.6	0.1	0.3%	70.4%	37.8	37.9	0.1	0.3%
71.6%	51.9	51.9	0.0	0.0%	71.6%	43.2	43.1	-0.1	-0.2%	71.6%	38.4	38.5	0.1	0.3%	71.6%	37.8	37.9	0.1	0.3%
72.8%	51.9	51.8	-0.1	-0.2%	72.8%	43.1	43.0	-0.1	-0.2%	72.8%	38.4	38.4	0.0	0.0%	72.8%	37.6	37.8	0.2	0.5%
74.1%	51.8	51.8	0.0	0.0%	74.1%	43.1	42.9	-0.2	-0.5%	74.1%	38.3	38.3	0.0	0.0%	74.1%	37.6	37.8	0.2	0.5%
75.3%	51.6	51.8	0.2	0.4%	75.3%	43.0	42.9	-0.1	-0.2%	75.3%	38.1	38.3	0.2	0.5%	75.3%	37.6	37.6	0.0	0.0%
76.5%	51.5	51.5	0.0	0.0%	76.5%	43.0	42.8	-0.2	-0.5%	76.5%	38.0	38.3	0.3	0.8%	76.5%	37.6	37.6	0.0	0.0%
77.8%	51.5	51.5	0.0	0.0%	77.8%	42.9	42.8	-0.1	-0.2%	77.8%	38.0	38.1	0.1	0.3%	77.8%	37.4	37.6	0.2	0.5%
79.0%	51.5	51.4	-0.1	-0.2%	79.0%	42.9	42.8	-0.1	-0.2%	79.0%	38.0	38.1	0.1	0.3%	79.0%	37.4	37.6	0.2	0.5%
80.2%	51.4	51.4	0.0	0.0%	80.2%	42.8	42.7	-0.1	-0.2%	80.2%	38.0	38.0	0.0	0.0%	80.2%	37.4	37.4	0.2	0.0%
81.5%	51.4	51.4	-0.2	-0.4%	81.5%	42.7	42.7	-0.1	-0.2%	81.5%	37.9	37.9	0.0	0.0%	81.5%	37.3	37.4	0.0	0.3%
82.7%	51.2	51.2	0.0	0.0%	82.7%	42.6	42.6	0.0	0.0%	82.7%	37.8	37.7	-0.1	-0.3%	82.7%	37.3	37.3	0.0	0.0%
84.0%	51.1	51.1	0.0	0.0%	84.0%	42.5	42.5	0.0	0.0%	84.0%	37.8	37.6	-0.2	-0.5%	84.0%	37.3	37.3	0.0	0.0%
85.2%	51.1	51.1	0.0	0.0%	85.2%	42.5	42.5	0.0	0.0%	85.2%	37.8	37.6	-0.2	-0.5%	85.2%	37.1	37.1	0.0	0.0%
86.4%	51.0	51.1	0.1	0.2%	86.4%	42.5	42.4	-0.1	-0.2%	86.4%	37.6	37.6	0.0	0.0%	86.4%	36.9	36.9	0.0	0.0%
87.7%	50.9	51.0	0.1	0.2%	87.7%	42.5	42.4	-0.1	-0.2%	87.7%	37.6	37.6	0.0	0.0%	87.7%	36.9	36.9	0.0	0.0%
88.9%	50.9	50.9	0.0	0.0%	88.9%	42.4	42.4	0.0	0.0%	88.9%	37.3	37.5	0.2	0.5%	88.9%	36.9	36.9	0.0	0.0%
90.1%	50.9	50.9	0.0	0.0%	90.1%	42.4	42.4	0.0	0.0%	90.1%	37.2	37.4	0.2	0.5%	90.1%	36.8	36.8	0.0	0.0%
91.4%	50.9	50.8	-0.1	-0.2%	91.4%	41.9	41.9	0.0	0.0%	91.4%	37.2	37.2	0.0	0.0%	91.4%	36.7	36.7	0.0	0.0%
92.6%	50.5	50.5	0.0	0.0%	92.6%	41.6	41.9	0.3	0.7%	92.6%	37.1	37.1	0.0	0.0%	92.6%	36.6	36.6	0.0	0.0%
93.8%	50.5	50.4	-0.1	-0.2%	93.8%	41.6	41.5	-0.1	-0.2%	93.8%	36.9	37.0	0.1	0.3%	93.8%	36.1	36.1	0.0	0.0%
95.1%	50.3	50.3	0.0	0.0%	95.1%	41.2	41.2	0.0	0.0%	95.1%	36.5	36.6	0.1	0.3%	95.1%	34.9	34.9	0.0	0.0%
96.3%	50.0	49.9	-0.1	-0.2%	96.3%	40.6	40.0	-0.6	-1.5%	96.3%	36.0	36.0	0.0	0.0%	96.3%	34.4	34.4	0.0	0.0%
97.5%	49.8	49.9	0.1	0.2%	97.5%	39.4	39.6	0.2	0.5%	97.5%	35.1	35.3	0.2	0.6%	97.5%	34.2	34.2	0.0	0.0%
98.8%	49.7	49.7	0.0	0.0%	98.8%	38.8	38.8	0.0	0.0%	98.8%	34.1	34.1	0.2	0.0%	98.8%	29.0	29.0	0.0	0.0%
100.0%	49.7	49.7	0.0	0.0%	100.0%	38.8	38.8	0.0	0.0%	100.0%	34.1	34.1	0.0	0.0%	100.0%	29.0	29.0	0.0	0.0%
100.0%	ਜਰ.।	73.1	0.0	0.070	100.076	50.0	JU.0	0.0	0.070	100.0 %	J#1.1	U-1.1	0.0	0.070	100.0%	23.0	23.0	0.0	0.070

Table SQ-35-7b Trinity River at North Fork, Monthly Temperature Probability of Exceedance

-		February					March					April					May		
Percent	No Action Alternative	Alternative C	Absolute		Percent	No Action Alternative	Alternative C	Absolute		Percent	No Action Alternative	Alternative C	Absolute		Percent	No Action Alternative	Alternative C	Absolute	
Exceedance			Difference	Relative															
Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	46.6	46.6	0.0	0.0%	0.0%	50.7	50.8	0.1	0.2%	0.0%	56.7	56.3	-0.4	-0.7%	0.0%	59.0	59.0	0.0	0.0%
1.2%	45.7	45.7	0.0	0.0%	1.2%	49.9	50.1	0.2	0.4%	1.2%	56.3	56.3	0.0	0.0%	1.2%	58.6	58.6	0.0	0.0%
2.5%	44.9	44.9	0.0	0.0%	2.5%	48.8	48.8	0.0	0.0%	2.5%	56.3	56.1	-0.2	-0.4%	2.5%	56.0	55.9	-0.1	-0.2%
3.7%	44.9	44.7	-0.2	-0.4%	3.7%	48.6	48.6	0.0	0.0%	3.7%	55.9	55.9	0.0	0.0%	3.7%	55.4	55.4	0.0	0.0%
4.9%	44.6	44.6	0.0	0.0%	4.9%	48.6	48.6	0.0	0.0%	4.9%	55.7	55.7	0.0	0.0%	4.9%	55.1	55.1	0.0	0.0%
6.2%	44.6	44.6	0.0	0.0%	6.2%	48.3	48.3	0.0	0.0%	6.2%	55.7	55.7	0.0	0.0%	6.2%	55.0	55.0	0.0	0.0%
7.4%	44.5	44.5	0.0	0.0%	7.4%	48.3	48.3	0.0	0.0%	7.4%	55.7	55.7	0.0	0.0%	7.4%	54.6	54.7	0.1	0.2%
8.6%	44.3	44.4	0.1	0.2%	8.6%	48.2	48.2	0.0	0.0%	8.6%	55.6	55.6	0.0	0.0%	8.6%	54.3	54.6	0.3	0.6%
9.9%	44.3	44.3	0.0	0.0%	9.9%	48.1	48.1	0.0	0.0%	9.9%	55.5	55.6	0.0	0.2%	9.9%	54.1	54.0	-0.1	-0.2%
11.1%	44.2	44.2	0.0	0.0%	11.1%	48.0	48.0	0.0	0.0%	11.1%	55.4	55.4	0.0	0.0%	11.1%	53.9	53.9	0.0	0.0%
12.3%	44.2	44.2	0.0	0.0%	12.3%	46.0 47.9	47.9	0.0	0.0%	12.3%	55.4 55.4	55.3	-0.1	-0.2%	12.3%	53.7	53.8		0.0%
																		0.1	0.2%
13.6%	44.2	44.2	0.0	0.0%	13.6%	47.9	47.8	-0.1	-0.2%	13.6%	55.3	55.2	-0.1	-0.2%	13.6%	53.3	53.4	0.1	0.2%
14.8%	44.1	44.1	0.0	0.0%	14.8%	47.7	47.7	0.0	0.0%	14.8%	55.2	55.2	0.0	0.0%	14.8%	53.0	53.0	0.0	0.0%
16.0%	44.0	44.0	0.0	0.0%	16.0%	47.7	47.7	0.0	0.0%	16.0%	55.1	55.1	0.0	0.0%	16.0%	52.9	52.6	-0.3	-0.6%
17.3%	44.0	44.0	0.0	0.0%	17.3%	47.6	47.7	0.1	0.2%	17.3%	55.1	54.9	-0.2	-0.4%	17.3%	52.6	52.6	0.0	0.0%
18.5%	44.0	44.0	0.0	0.0%	18.5%	47.6	47.6	0.0	0.0%	18.5%	55.0	54.9	-0.1	-0.2%	18.5%	52.6	52.5	-0.1	-0.2%
19.8%	44.0	44.0	0.0	0.0%	19.8%	47.6	47.6	0.0	0.0%	19.8%	54.8	54.7	-0.1	-0.2%	19.8%	52.6	52.4	-0.2	-0.4%
21.0%	44.0	44.0	0.0	0.0%	21.0%	47.6	47.5	-0.1	-0.2%	21.0%	54.7	54.7	0.0	0.0%	21.0%	52.4	52.4	0.0	0.0%
22.2%	44.0	44.0	0.0	0.0%	22.2%	47.5	47.5	0.0	0.0%	22.2%	54.7	54.7	0.0	0.0%	22.2%	52.4	52.2	-0.2	-0.4%
23.5%	43.9	43.9	0.0	0.0%	23.5%	47.5	47.5	0.0	0.0%	23.5%	54.6	54.6	0.0	0.0%	23.5%	52.2	52.1	-0.1	-0.2%
24.7%	43.9	43.9	0.0	0.0%	24.7%	47.5	47.4	-0.1	-0.2%	24.7%	54.4	54.4	0.0	0.0%	24.7%	52.0	52.0	0.0	0.0%
25.9%	43.8	43.8	0.0	0.0%	25.9%	47.4	47.4	0.0	0.0%	25.9%	54.4	54.3	-0.1	-0.2%	25.9%	52.0	51.9	-0.1	-0.2%
27.2%	43.8	43.8	0.0	0.0%	27.2%	47.4	47.3	-0.1	-0.2%	27.2%	54.3	54.3	0.0	0.0%	27.2%	51.9	51.9	0.0	0.0%
28.4%	43.7	43.7	0.0	0.0%	28.4%	47.3	47.3	0.0	0.0%	28.4%	54.3	54.3	0.0	0.0%	28.4%	51.9	51.9	0.0	0.0%
29.6%	43.6	43.6	0.0	0.0%	29.6%	47.3	47.2	-0.1	-0.2%	29.6%	54.2	54.2	0.0	0.0%	29.6%	51.9	51.7	-0.2	-0.4%
30.9%	43.6	43.6	0.0	0.0%	30.9%	47.2	47.2	0.0	0.0%	30.9%	54.2	54.2	0.0	0.0%	30.9%	51.7	51.6	-0.2	-0.2%
30.9%	43.5	43.5	0.0	0.0%	30.9%	47.2	47.1	0.0	0.0%	32.1%	54.2	54.2 54.2	0.0	0.0%	30.9%	51.7	51.5	0.0	0.0%
33.3%	43.5	43.5	0.0	0.0%	33.3%	47.1	47.0	0.0	0.0%	33.3%	54.2	54.2	0.0	0.0%	33.3%	51.5	51.5	0.0	
33.3%	43.5 43.5	43.5 43.5	0.0	0.0%	33.3%	47.0 47.0	47.0	0.0	0.0%	33.3%	54.0 54.0	54.0 54.0	0.0	0.0%	33.3%	51.5 51.5	51.5 51.5	0.0	0.0%
35.8%	43.5	43.5	0.0	0.0%	35.8%	47.0	47.0	0.0	0.0%	35.8%	53.9	54.0	0.1	0.2%	35.8%	51.4	51.4	0.0	0.0%
37.0%	43.4	43.4	0.0	0.0%	37.0%	46.9	46.8	-0.1	-0.2%	37.0%	53.9	53.9	0.0	0.0%	37.0%	51.3	51.3	0.0	0.0%
38.3%	43.4	43.4	0.0	0.0%	38.3%	46.9	46.8	-0.1	-0.2%	38.3%	53.7	53.7	0.0	0.0%	38.3%	51.1	51.1	0.0	0.0%
39.5%	43.4	43.4	0.0	0.0%	39.5%	46.9	46.7	-0.2	-0.4%	39.5%	53.7	53.7	0.0	0.0%	39.5%	51.1	51.1	0.0	0.0%
40.7%	43.4	43.4	0.0	0.0%	40.7%	46.9	46.7	-0.2	-0.4%	40.7%	53.7	53.7	0.0	0.0%	40.7%	51.1	51.1	0.0	0.0%
42.0%	43.4	43.4	0.0	0.0%	42.0%	46.7	46.7	0.0	0.0%	42.0%	53.7	53.6	-0.1	-0.2%	42.0%	51.1	51.1	0.0	0.0%
43.2%	43.3	43.3	0.0	0.0%	43.2%	46.7	46.7	0.0	0.0%	43.2%	53.6	53.6	0.0	0.0%	43.2%	51.0	51.0	0.0	0.0%
44.4%	43.3	43.3	0.0	0.0%	44.4%	46.7	46.7	0.0	0.0%	44.4%	53.6	53.6	0.0	0.0%	44.4%	51.0	51.0	0.0	0.0%
45.7%	43.3	43.3	0.0	0.0%	45.7%	46.7	46.7	0.0	0.0%	45.7%	53.6	53.5	-0.1	-0.2%	45.7%	50.9	50.9	0.0	0.0%
46.9%	43.2	43.2	0.0	0.0%	46.9%	46.7	46.6	-0.1	-0.2%	46.9%	53.5	53.5	0.0	0.0%	46.9%	50.8	50.9	0.1	0.2%
48.1%	43.2	43.2	0.0	0.0%	48.1%	46.5	46.5	0.0	0.0%	48.1%	53.5	53.5	0.0	0.0%	48.1%	50.8	50.8	0.0	0.0%
49.4%	43.2	43.2	0.0	0.0%	49.4%	46.5	46.5	0.0	0.0%	49.4%	53.5	53.5	0.0	0.0%	49.4%	50.8	50.7	-0.1	-0.2%
50.6%	43.2	43.2	0.0	0.0%	50.6%	46.5	46.5	0.0	0.0%	50.6%	53.5	53.5	0.0	0.0%	50.6%	50.7	50.7	0.0	0.0%
51.9%	43.2	43.2	0.0	0.0%	51.9%	46.5	46.4	-0.1	-0.2%	51.9%	53.4	53.4	0.0	0.0%	51.9%	50.7	50.7	0.0	0.0%
53.1%	43.1	43.1	0.0	0.0%	53.1%	46.4	46.4	0.0	0.0%	53.1%	53.4	53.4	0.0	0.0%	53.1%	50.7	50.6	-0.1	-0.2%
54.3%	43.1	43.1	0.0	0.0%	54.3%	46.4	46.4	0.0	0.0%	54.3%	53.3	53.3	0.0	0.0%	54.3%	50.6	50.5	-0.1	-0.2%
55.6%	43.0	43.0	0.0	0.0%	55.6%	46.3	46.3	0.0	0.0%	55.6%	53.2	53.2	0.0	0.0%	55.6%	50.5	50.5	0.0	0.0%
56.8%	43.0	43.0	0.0	0.0%	56.8%	46.3	46.3	0.0	0.0%	56.8%	53.2	53.2	0.0	0.0%	56.8%	50.5	50.5	-0.1	-0.2%
58.0%	43.0	43.0	0.0	0.0%	58.0%	46.3	46.3	0.0	0.0%		53.0	53.1	0.1	0.2%	58.0%	50.4	50.3	-0.1	-0.2%
59.3%	42.9	42.9	0.0	0.0%	59.3%	46.3	46.3	0.0	0.0%	59.3%	53.0	53.0	0.0	0.0%	59.3%	50.3	50.2	-0.1	-0.2%
60.5%	42.9	42.9	0.0	0.0%	60.5%	46.2	46.2	0.0	0.0%	60.5%	53.0	53.0	0.0	0.0%	60.5%	50.3	50.2	-0.1	-0.2%
61.7%	42.8	42.8	0.0	0.0%	61.7%	46.2	46.2	0.0	0.0%	61.7%	53.0	53.0	0.0	0.0%	61.7%	50.2	50.2	0.0	0.0%
63.0%	42.7	42.7	0.0	0.0%	63.0%	46.1	46.1	0.0	0.0%	63.0%	53.0	53.0	0.0	0.0%	63.0%	50.1	50.1	0.0	0.0%
64.2%	42.6	42.7	0.1	0.2%	64.2%	46.1	46.1	0.0	0.0%	64.2%	52.9	53.0	0.1	0.2%	64.2%	50.1	50.1	0.0	0.0%
65.4%	42.6	42.6	0.0	0.0%	65.4%	46.1	46.1	0.0	0.0%	65.4%	52.8	53.0	0.2	0.4%	65.4%	50.0	50.0	0.0	0.0%
66.7%	42.6	42.6	0.0	0.0%	66.7%	46.1	45.9	-0.2	-0.4%	66.7%	52.8	52.9	0.1	0.2%	66.7%	50.0	50.0	0.0	0.0%
67.9%	42.5	42.6	0.1	0.2%	67.9%	46.1	45.9	-0.2	-0.4%	67.9%	52.8	52.9	0.1	0.2%	67.9%	49.9	49.9	0.0	0.0%
69.1%	42.5	42.5	0.0	0.0%	69.1%	45.8	45.8	0.0	0.0%	69.1%	52.8	52.8	0.0	0.0%	69.1%	49.8	49.8	0.0	0.0%
70.4%	42.5	42.5	0.0	0.0%	70.4%	45.7	45.7	0.0	0.0%	70.4%	52.8	52.8	0.0	0.0%	70.4%	49.7	49.7	0.0	0.0%
71.6%	42.4	42.5	0.1	0.2%	71.6%	45.7	45.7	0.0	0.0%	71.6%	52.8	52.8	0.0	0.0%	71.6%	49.7	49.7	0.0	0.0%
72.8%	42.4	42.4	0.0	0.0%	72.8%	45.7	45.7	0.0	0.0%	72.8%	52.7	52.8	0.1	0.2%	72.8%	49.7	49.7	0.0	0.0%
74.1%	42.4	42.4	0.0	0.0%	74.1%	45.6	45.6	0.0	0.0%	74.1%	52.7	52.7	0.0	0.0%	74.1%	49.7	49.6	-0.1	-0.2%
75.3%	42.4	42.4	0.0	0.0%	75.3%	45.6	45.6	0.0	0.0%	75.3%	52.7	52.7	0.0	0.0%	75.3%	49.6	49.6	0.0	0.0%
76.5%	42.2	42.2	0.0	0.0%	76.5%	45.6	45.6	0.0	0.0%	76.5%	52.6	52.6	0.0	0.0%	76.5%	49.5	49.6	0.1	0.2%
77.8%	42.2	42.2	0.0	0.0%	77.8%	45.5	45.5	0.0	0.0%	77.8%	52.5	52.4	-0.1	-0.2%	77.8%	49.4	49.5	0.1	0.2%
79.0%	42.2	42.2	0.0	0.0%	79.0%	45.5	45.4	-0.1	-0.2%	79.0%	52.4	52.4	0.0	0.0%	79.0%	49.4	49.4	0.0	0.0%
80.2%	42.0	42.0	0.0	0.0%	80.2%	45.5	45.4	-0.1	-0.2%	80.2%	52.4	52.3	-0.1	-0.2%	80.2%	49.4	49.4	0.0	0.0%
81.5%	42.0	42.0	0.0	0.0%	81.5%	45.4	45.4	0.0	0.0%	81.5%	52.3	52.3	-0.1	-0.2%	81.5%	49.4	49.4	0.0	0.0%
82.7%	42.0	41.9	-0.1	-0.2%	82.7%	45.3	45.3	0.0	0.0%	82.7%	52.3	51.9	-0.1	-0.8%	82.7%	49.3	49.3	0.0	0.0%
82.7% 84.0%	42.0 41.9	41.9 41.9	-0.1	-0.2%	82.7% 84.0%	45.3 45.3	45.3 45.3	0.0	0.0%	82.7% 84.0%	52.3 52.2	51.9 51.9	-0.4	-0.8%	82.7% 84.0%	49.3 49.2	49.3 49.2	0.0	0.0%
84.0% 85.2%	41.9 41.9	41.9 41.8		-0.2%	84.0% 85.2%	45.3 45.2	45.3 45.2	0.0				51.9 51.9	-0.3	-0.6% 0.0%	84.0% 85.2%	49.2 49.2	49.2 49.2	0.0	
			-0.1						0.0%	85.2%	51.9								0.0%
86.4%	41.8	41.8	0.0	0.0%	86.4%	45.2	45.2	0.0	0.0%	86.4%	51.9	51.8	-0.1	-0.2%	86.4%	49.1	49.2	0.1	0.2%
87.7%	41.6	41.6	0.0	0.0%	87.7%	45.1	45.1	0.0	0.0%	87.7%	51.8	51.7	-0.1	-0.2%	87.7%	49.1	49.1	0.0	0.0%
88.9%	41.2	41.2	0.0	0.0%	88.9%	45.1	45.0	-0.1	-0.2%	88.9%	51.8	51.7	-0.1	-0.2%	88.9%	49.1	49.1	0.0	0.0%
90.1%	41.2	41.2	0.0	0.0%	90.1%	44.9	44.9	0.0	0.0%	90.1%	51.7	51.4	-0.3	-0.6%	90.1%	49.1	49.1	0.0	0.0%
91.4%	41.1	41.1	0.0	0.0%	91.4%	44.7	44.7	0.0	0.0%	91.4%	51.3	51.3	0.0	0.0%	91.4%	49.1	49.1	0.0	0.0%
92.6%	41.0	41.0	0.0	0.0%	92.6%	44.6	44.6	0.0	0.0%	92.6%	51.2	51.2	0.0	0.0%	92.6%	49.1	49.1	0.0	0.0%
93.8%	40.9	41.0	0.1	0.2%	93.8%	44.6	44.6	0.0	0.0%	93.8%	51.0	51.0	0.0	0.0%	93.8%	49.0	48.8	-0.2	-0.4%
95.1%	40.8	40.8	0.0	0.0%	95.1%	44.6	44.6	0.0	0.0%	95.1%	50.8	50.8	0.0	0.0%	95.1%	48.8	48.4	-0.4	-0.8%
96.3%	40.1	40.1	0.0	0.0%	96.3%	44.4	44.4	0.0	0.0%	96.3%	50.7	50.7	0.0	0.0%	96.3%	48.4	48.1	-0.3	-0.6%
97.5%	40.0	40.0	0.0	0.0%	97.5%	44.2	44.2	0.0	0.0%	97.5%	50.7	50.7	0.0	0.0%	97.5%	48.1	48.1	0.0	0.0%
98.8%	39.4	39.4	0.0	0.0%	98.8%	43.8	43.8	0.0	0.0%	98.8%	49.5	49.5	0.0	0.0%	98.8%	48.1	48.0	-0.1	-0.2%
100.0%	39.4	39.4	0.0	0.0%	100.0%	43.8	43.8	0.0	0.0%	100.0%	49.5	49.5	0.0	0.0%	100.0%	48.1	48.0	-0.1	-0.2%
100.070	J0.7	UU.T	0.0	0.070	100.070	10.0	-5.0	0.0	0.070	100.070	10.0	10.0	V.0	0.070	100.070	-70.1	10.0	J. I	U.L/0

Table SQ-35-7b
Trinity River at North Fork, Monthly Temperature
Probability of Exceedance

August

September

	Percent		June			Percent		,			Percent		August			Percent				
		No Action Alternative	Alternative C	Absolute	Relative		No Action Alternative	Alternative C	Absolute	Relative		No Action Alternative	Alternative C	Absolute	Relative		No Action Alternative	Alternative C	Absolute	Relative
Column	Probability	Monthly Temperature	Monthly Temperature		Difference (%)	Probability	Monthly Temperature	Monthly Temperature		Difference (%)	Probability	Monthly Temperature	Monthly Temperature		Difference (%)	Probability	Monthly Temperature	Monthly Temperature		Difference (%)
1-10				(DEG-F)							(%)								(DEG-F)	
1-10	0.0%	67.7	67.7	0.0		0.0%	71.0		-0.1		0.0%	69.6	68.9		-1.0%	0.0%	66.1	65.5	-0.6	-0.9%
1.00	1.2%	66.4	66.4	0.0	0.0%	1.2%	69.9	69.9	0.0	0.0%	1.2%	68.9	68.9	0.0	0.0%	1.2%	65.2	64.2	-1.0	-1.5%
AB						2.5%					2.5%					2.5%				
Section Sect	3.7%					3.7%														
The Col. C																				
1.5																				
April																			-0.8	
11 12 13 14 15 15 15 15 15 15 15	8.6%			0.2		8.6%				-0.7%	8.6%				-0.3%				-0.7	-1.1%
1.00																				
14.4 14.5	11.1%			0.4		11.1%					11.1%									-0.8%
140	12.3%			0.6		12.3%					12.3%									-0.7%
Section Sect	13.6%	63.4	63.9	0.5	0.8%	13.6%	67.4	67.4	0.0	0.0%	13.6%	66.8	66.7	-0.1	-0.1%	13.6%	60.5	60.2	-0.3	-0.5%
17.5	14.8%	63.4	63.4	0.0	0.0%	14.8%	67.4	67.4	0.0	0.0%	14.8%	66.7	66.4	-0.3	-0.4%	14.8%	60.5	60.1	-0.4	-0.7%
The Col	16.0%	63.2	63.1	-0.1	-0.2%	16.0%	67.3	67.4	0.1	0.1%	16.0%	66.0	66.1	0.1	0.2%	16.0%	60.5	60.1	-0.4	-0.7%
150	17.3%	63.1	63.1	0.0	0.0%	17.3%	67.3	67.3	0.0		17.3%	65.9	66.0		0.2%	17.3%	60.4	60.0	-0.4	
18	18.5%	63.1	62.6	-0.5	-0.8%	18.5%	67.2	67.1	-0.1	-0.1%	18.5%	65.8	66.0	0.2	0.3%	18.5%	60.2	60.0	-0.2	-0.3%
22.5 62.5	19.8%	62.4	62.4		0.0%	19.8%	67.0	67.0	0.0	0.0%	19.8%	65.8	65.9	0.1	0.2%	19.8%	60.1	60.0	-0.1	-0.2%
22.5 62.5	21.0%	62.3	62.3	0.0	0.0%	21.0%	66.9	66.9	0.0	0.0%	21.0%	65.7	65.6	-0.1	-0.2%	21.0%	60.1	60.0	-0.1	-0.2%
2-77. 620																				
2-77. 620	23.5%	62.1	62.0	-0.1	-0.2%	23.5%	66.7	66.9	0.2	0.3%	23.5%	65.6	65.5	-0.1	-0.2%	23.5%	60.0	59.8	-0.2	-0.3%
25.00		62.0						66.9			24.7%									
27. 117																			-0.3	
28.66	27.2%			-0.1						0.2%	27.2%					27.2%	59.9	59.7	-0.2	-0.3%
20th 616				-0.3															-0.1	
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98.8% 50.5 50.5 0.0 0.0% 98.8% 54.1 54.1 0.0 0.0% 98.8% 60.4 60.9 0.5 0.8% 98.8% 54.3 54.1 -0.2 -0.4%	96.3%	51.7		0.0	0.0%	96.3%			0.0	0.0%	96.3%	61.1	61.1	0.0	0.0%	96.3%		56.1	-0.2	-0.4%
100.0% 50.5 50.5 0.0 0.0% 100.0% 54.1 54.1 0.0 0.0% 100.0% 60.4 60.9 0.5 0.8% 100.0% 54.3 54.1 -0.2 -0.4%																				
	100.0%	50.5	50.5	0.0	0.0%	100.0%	54.1	54.1	0.0	0.0%	100.0%	60.4	60.9	0.5	0.8%	100.0%	54.3	54.1	-0.2	-0.4%

Table SQ-36-7a
Clear Creek below Whiskeytown, Monthly Temperature
Long-term Average and Average by Water Year Type

		Long	term Ave	age and r		y water re		FC F)				
			_			thly Temp		,				_
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	ig-term							
Full Simulation Period ¹	54.0	40.0	40.0	44.0	40.0	45.0	40.7		50.0	50.0	50.0	50.4
No Action Alternative	51.2	48.0	43.2	41.8	43.2	45.9	48.7	51.7	52.8	52.3	52.3	52.1
Alternative C	50.9	47.9	43.2	41.8	43.2	45.8	48.6	51.6	52.8	52.2	52.2	51.8
Difference	-0.3	-0.1	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	-0.1	-0.1	-0.3
Percent Difference ³	-0.5%	-0.2%	-0.1%	0.0%	0.1%	-0.1%	-0.2%	0.0%	0.0%	-0.2%	-0.3%	-0.6%
				Water Y	ear Types	•						
Wet (32%)												
No Action Alternative	49.2	46.9	42.7	41.6	43.3	45.5	47.8	51.1	52.4	52.1	52.1	50.7
Alternative C	49.3	47.0	42.6	41.5	43.3	45.4	47.7	51.0	52.4	51.9	52.0	50.7
Difference	0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	-0.2	-0.1	0.0
Percent Difference	0.2%	0.1%	0.0%	-0.1%	0.0%	-0.2%	-0.2%	0.0%	0.0%	-0.4%	-0.2%	0.0%
Above Normal (15%)												
No Action Alternative	50.8	47.7	43.3	42.0	43.3	45.9	48.2	52.3	53.8	52.6	52.4	51.4
Alternative C	50.3	47.5	43.3	41.9	43.3	45.8	48.3	52.3	53.7	52.4	52.1	50.9
Difference	-0.4	-0.2	0.0	0.0	0.0	-0.1	0.1	0.0	-0.1	-0.2	-0.3	-0.5
Percent Difference	-0.9%	-0.4%	0.0%	-0.1%	0.0%	-0.1%	0.1%	0.0%	-0.3%	-0.4%	-0.5%	-0.9%
Below Normal (17%)												
No Action Alternative	51.7	48.1	43.3	41.6	42.6	45.6	48.8	52.3	52.7	52.5	52.5	52.4
Alternative C	51.3	48.1	43.3	41.6	42.6	45.5	48.8	52.3	52.7	52.4	52.4	52.1
Difference	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.2
Percent Difference	-0.7%	0.1%	0.0%	0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.2%	-0.1%	-0.4%
Dry (22%)												
No Action Alternative	51.3	48.7	43.6	41.9	43.1	46.0	49.9	51.8	52.8	52.0	51.7	52.0
Alternative C	51.1	48.5	43.6	42.0	43.2	45.9	49.6	51.9	53.0	52.1	51.8	51.8
Difference	-0.3	-0.2	-0.1	0.1	0.1	-0.1	-0.2	0.1	0.2	0.0	0.2	-0.1
Percent Difference	-0.5%	-0.4%	-0.1%	0.2%	0.3%	-0.1%	-0.5%	0.2%	0.3%	0.1%	0.3%	-0.2%
Critical (15%)												
No Action Alternative	55.0	49.6	43.8	42.1	43.7	46.7	49.3	51.3	53.0	52.8	53.6	55.8
Alternative C	54.3	49.1	43.7	42.2	43.8	46.7	49.3	51.1	53.0	52.8	53.1	54.4
Difference	-0.7	-0.5	-0.1	0.1	0.1	0.0	0.0	-0.2	-0.1	0.0	-0.5	-1.4
Percent Difference	-1.3%	-0.9%	-0.2%	0.3%	0.1%	-0.1%	0.0%	-0.3%	-0.1%	0.0%	-1.0%	-2.5%

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



Figure SQ-36-7b Clear Creek below Whiskeytown, Monthly Temperature Probability of Exceedance

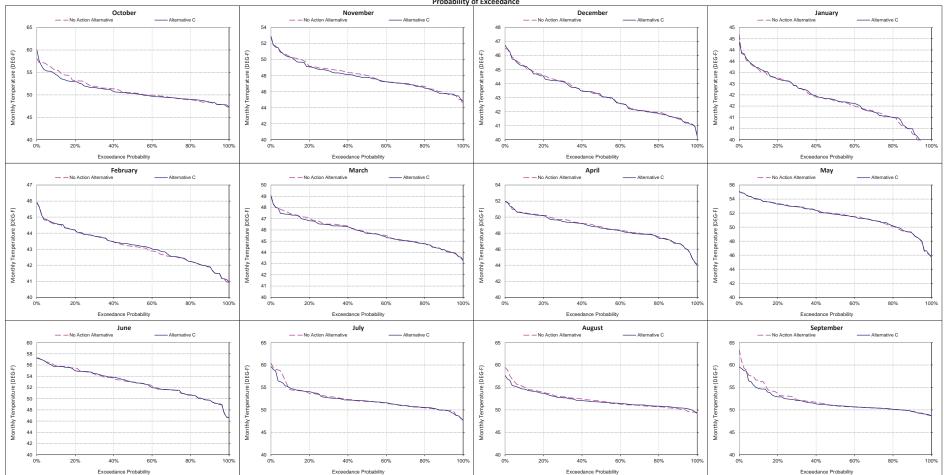


Table SQ-36-7b Clear Creek below Whiskeytown, Monthly Temperature Probability of Exceedance

		October					November					December					January		
Percent	No Action Alternative	Alternative C	Absolute	Relative	Percent	No Action Alternative	Alternative C	Absolute	Relative	Percent	No Action Alternative	Alternative C	Absolute	Relative	Percent	No Action Alternative	Alternative C	Absolute	Relative
Exceedance			Difference		Exceedance			Difference		Exceedance			 Difference 		Exceedance			Difference	
Probability	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DFG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DFG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)
0.0%	58.1	(DEG-F) 60.1	2.0	3.4%	0.0%	52.9	52.8	-0.1	-0.2%	0.0%	46.5	46.7	0.2	0.5%	0.0%	(DEG-F) 44.7	(DEG-F) 44.4	-0.3	-0.7%
1.2%	57.2	57.6	0.3	0.6%	1.2%	51.8	51.8	0.0	0.0%	1.2%	46.5	46.5	0.2	0.0%	1.2%	43.8	43.9	0.0	0.1%
2.5%	57.2	56.4	-0.8	-1.4%	2.5%	51.7	51.6	-0.0	-0.3%	2.5%	46.2	46.3	0.1	0.2%	2.5%	43.8	43.8	0.0	0.1%
3.7%	57.1	55.7	-1.5	-2.5%	3.7%	51.4	51.5	0.1	0.3%	3.7%	45.9	45.8	-0.1	-0.3%	3.7%	43.5	43.6	0.1	0.2%
4.9%	56.9	55.4	-1.5	-2.6%	4.9%	50.9	51.0	0.1	0.3%	4.9%	45.8	45.7	-0.1	-0.1%	4.9%	43.5	43.5	0.0	0.0%
6.2%	56.4	55.3	-1.1	-1.9%	6.2%	50.8	50.8	-0.1	-0.1%	6.2%	45.6	45.5	-0.1	-0.2%	6.2%	43.4	43.4	0.0	0.1%
7.4%	56.2	55.3	-1.0	-1.7%	7.4%	50.7	50.5	-0.1	-0.3%	7.4%	45.5	45.4	-0.1	-0.3%	7.4%	43.3	43.3	0.1	0.1%
8.6%	55.8	54.9	-0.8	-1.5%	8.6%	50.5	50.4	-0.2	-0.3%	8.6%	45.4	45.3	-0.1	-0.2%	8.6%	43.2	43.2	0.0	0.0%
9.9%	55.5	54.5	-0.9	-1.7%	9.9%	50.3	50.3	0.0	0.0%	9.9%	45.3	45.2	-0.1	-0.1%	9.9%	43.1	43.2	0.1	0.2%
11.1%	55.5	54.2	-1.2	-2.2%	11.1%	50.3	50.2	0.0	-0.1%	11.1%	45.1	45.2	0.2	0.4%	11.1%	43.0	43.1	0.1	0.2%
12.3%	54.9	53.7	-1.2	-2.2%	12.3%	50.2	50.0	-0.2	-0.5%	12.3%	45.0	45.1	0.0	0.0%	12.3%	43.0	43.1	0.1	0.1%
13.6%	54.5	53.5	-1.0	-1.9%	13.6%	50.1	49.7	-0.4	-0.8%	13.6%	45.0	45.0	0.0	0.0%	13.6%	43.0	43.0	0.0	0.0%
14.8%	54.4	53.3	-1.1	-2.0%	14.8%	50.0	49.7	-0.3	-0.6%	14.8%	44.8	44.7	-0.1	-0.3%	14.8%	42.9	43.0	0.2	0.4%
16.0%	54.4	53.1	-1.3	-2.3%	16.0%	50.0	49.7	-0.3	-0.6%	16.0%	44.8	44.7	-0.1	-0.2%	16.0%	42.8	42.8	0.0	0.0%
17.3%	54.2	53.0	-1.2	-2.1%	17.3%	49.8	49.6	-0.2	-0.4%	17.3%	44.7	44.6	-0.1	-0.2%	17.3%	42.8	42.8	0.0	-0.1%
18.5%	53.3	53.0	-0.2	-0.5%	18.5%	49.7	49.1	-0.6	-1.1%	18.5%	44.7	44.6	-0.1	-0.3%	18.5%	42.8	42.8	0.0	0.0%
19.8%	53.2	52.9	-0.3	-0.5%	19.8%	49.2	49.1	-0.1	-0.2%	19.8%	44.5	44.6	0.0	0.0%	19.8%	42.8	42.7	-0.1	-0.1%
21.0%	53.2	52.9	-0.3	-0.5%	21.0%	49.1	49.1	-0.1	-0.1%	21.0%	44.5	44.3	-0.2	-0.5%	21.0%	42.7	42.7	0.0	-0.1%
22.2%	53.1	52.6	-0.5	-1.0%	22.2%	49.1	49.0	-0.1	-0.2%	22.2%	44.5	44.3	-0.2	-0.4%	22.2%	42.7	42.6	-0.1	-0.1%
23.5%	53.1	52.4	-0.7	-1.2%	23.5%	49.1	48.9	-0.2	-0.4%	23.5%	44.4	44.3	-0.1	-0.2%	23.5%	42.7	42.6	0.0	-0.1%
24.7%	53.0	52.0	-1.1	-2.0%	24.7%	49.0	48.8	-0.2	-0.3%	24.7%	44.3	44.2	-0.1	-0.3%	24.7%	42.6	42.6	0.0	0.0%
25.9%	52.5	51.9	-0.6	-1.2%	25.9%	48.9	48.8	-0.2	-0.3%	25.9%	44.3	44.2	-0.1	-0.2%	25.9%	42.6	42.6	0.0	0.0%
27.2%	52.2	51.7	-0.5	-0.9%	27.2%	48.9	48.8	-0.2	-0.4%	27.2%	44.2	44.2	0.0	0.0%	27.2%	42.5	42.5	0.0	0.0%
28.4%	51.8	51.7	-0.2	-0.4%	28.4%	48.9	48.7	-0.2	-0.4%	28.4%	44.2	44.2	0.0	-0.1%	28.4%	42.4	42.4	0.0	0.0%
29.6%	51.8 51.8	51.6 51.6	-0.2	-0.4% -0.5%	29.6%	48.8 48.8	48.6 48.6	-0.2 -0.2	-0.4%	29.6%	44.2 44.2	44.1 44.1	0.0	-0.1% -0.1%	29.6%	42.4 42.3	42.4 42.3	0.0	0.0%
30.9% 32.1%	51.8 51.8	51.6 51.5	-0.2 -0.3	-0.5%	30.9% 32.1%	48.8 48.7	48.6 48.4	-0.2	-0.5%	30.9%	44.2 44.1	44.1 44.0	-0.1 -0.1		30.9% 32.1%	42.3 42.3	42.3 42.3	0.0	0.0%
32.1%	51.8 51.5	51.5 51.5		-0.5%		48.7	48.4 48.3	-0.4	-0.8% -0.8%	32.1% 33.3%	44.1 44.0	44.0		-0.2% -0.4%	32.1%	42.3 42.2	42.3 42.2	0.0	0.0%
33.3%	51.5 51.5	51.5 51.3	-0.1	-0.1%	33.3% 34.6%	48.7 48.7	48.3 48.3	-0.4 -0.3	-0.8% -0.7%	33.3% 34.6%	44.0 43.8	43.8 43.7	-0.2	-0.4% -0.2%	33.3%	42.2 42.2	42.2 42.2	0.0	0.1%
34.6%	51.5 51.5	51.3 51.3	-0.2 -0.2	-0.4%	34.6%	48.7	48.3 48.3	-0.3	-0.7%	34.6%	43.8	43.7	-0.1 -0.1	-0.2%	34.6%	42.2 42.1	42.2 42.2	0.0	0.1%
37.0%	51.5	51.3	-0.2	-0.4%	35.6%	48.6	48.3	-0.3	-0.6%	37.0%	43.6	43.7	-0.1	0.1%	37.0%	42.1	42.2	0.1	0.2%
38.3%	51.4	51.2	-0.2	-0.3%	38.3%	48.5	48.2	-0.3	-0.7%	38.3%	43.6	43.7	0.0	0.0%	38.3%	42.0	42.0	0.0	0.0%
39.5%	51.4	50.8	-0.5	-1.0%	39.5%	48.4	48.1	-0.3	-0.6%	39.5%	43.6	43.5	-0.1	-0.2%	39.5%	41.9	42.0	0.0	0.2%
40.7%	51.3	50.7	-0.6	-1.2%	40.7%	48.4	48.1	-0.2	-0.5%	40.7%	43.5	43.5	0.0	0.0%	40.7%	41.9	41.9	0.0	0.0%
42.0%	51.2	50.6	-0.6	-1.1%	42.0%	48.4	48.1	-0.2	-0.5%	42.0%	43.4	43.5	0.0	0.0%	42.0%	41.9	41.9	0.0	0.0%
43.2%	51.0	50.6	-0.5	-0.9%	43.2%	48.3	48.0	-0.2	-0.5%	43.2%	43.4	43.4	0.0	0.0%	43.2%	41.9	41.9	0.0	0.0%
44.4%	50.6	50.5	-0.1	-0.1%	44.4%	48.2	47.9	-0.3	-0.7%	44.4%	43.4	43.4	0.0	0.1%	44.4%	41.8	41.8	0.0	0.0%
45.7%	50.6	50.5	-0.1	-0.1%	45.7%	48.2	47.9	-0.3	-0.7%	45.7%	43.3	43.4	0.1	0.2%	45.7%	41.8	41.8	0.0	0.0%
46.9%	50.6	50.4	-0.1	-0.3%	46.9%	48.2	47.8	-0.4	-0.8%	46.9%	43.3	43.3	0.1	0.1%	46.9%	41.8	41.8	0.0	0.0%
48.1%	50.5	50.4	-0.2	-0.3%	48.1%	48.1	47.8	-0.3	-0.7%	48.1%	43.3	43.3	0.1	0.1%	48.1%	41.8	41.8	0.0	0.1%
49.4%	50.5	50.4	-0.2	-0.3%	49.4%	48.0	47.8	-0.3	-0.6%	49.4%	43.2	43.3	0.1	0.2%	49.4%	41.7	41.8	0.1	0.1%
50.6%	50.4	50.3	-0.1	-0.3%	50.6%	48.0	47.8	-0.2	-0.5%	50.6%	43.1	43.1	0.0	-0.1%	50.6%	41.7	41.7	0.0	0.0%
51.9%	50.4	50.2	-0.1	-0.3%	51.9%	47.9	47.7	-0.2	-0.3%	51.9%	43.1	43.0	0.0	0.0%	51.9%	41.7	41.7	0.0	-0.1%
53.1%	50.4	50.2	-0.2	-0.4%	53.1%	47.8	47.6	-0.2	-0.3%	53.1%	43.0	43.0	0.0	0.0%	53.1%	41.7	41.7	0.0	0.0%
54.3%	50.2	50.1	-0.1	-0.2%	54.3%	47.6	47.6	0.0	-0.1%	54.3%	43.0	43.0	0.0	0.0%	54.3%	41.7	41.7	0.0	0.1%
55.6%	50.1	49.9	-0.1	-0.3%	55.6%	47.6	47.5	0.0	-0.1%	55.6%	42.9	43.0	0.1	0.3%	55.6%	41.6	41.7	0.0	0.1%
56.8%	50.0	49.9	-0.1	-0.3%	56.8%	47.4	47.3	-0.1	-0.2%	56.8%	42.9	42.8	0.0	-0.1%	56.8%	41.6	41.7	0.0	0.1%
58.0%	50.0	49.8	-0.2	-0.3%	58.0%	47.3	47.3	-0.1	-0.2%	58.0%	42.7	42.6	0.0	-0.1%	58.0%	41.5	41.6	0.1	0.2%
59.3%	49.9	49.7	-0.2	-0.4%	59.3%	47.2	47.3	0.0	0.0%	59.3%	42.6	42.6	0.0	0.0%	59.3%	41.5	41.6	0.1	0.2%
60.5%	49.9	49.7	-0.2	-0.4%	60.5%	47.2	47.2	0.0	0.0%	60.5%	42.6	42.6	0.0	0.0%	60.5%	41.5	41.6	0.1	0.3%
61.7%	49.9	49.6	-0.3	-0.6%	61.7%	47.2	47.2	0.0	0.0%	61.7%	42.5	42.6	0.0	0.1%	61.7%	41.5	41.6	0.1	0.2%
63.0%	49.9	49.6	-0.3	-0.6%	63.0%	47.2	47.1	0.0	-0.1%	63.0%	42.5	42.5	0.0	0.0%	63.0%	41.4	41.5	0.1	0.3%
64.2%	49.7	49.5	-0.2	-0.4%	64.2%	47.1	47.1	0.0	-0.1%	64.2%	42.3	42.2	-0.1	-0.3%	64.2%	41.4	41.4	0.0	-0.1%
65.4%	49.7	49.5	-0.2	-0.4%	65.4%	47.1	47.1	0.0	0.0%	65.4%	42.2	42.2	0.0	-0.1%	65.4%	41.4	41.3	0.0	-0.1%
66.7%	49.6	49.4	-0.2	-0.3%	66.7%	47.1	47.1	0.0	0.0%	66.7%	42.2	42.1	-0.1	-0.1%	66.7%	41.3	41.3	0.0	-0.1%
67.9%	49.6 49.4	49.4 49.4	-0.2	-0.3%	67.9%	47.1	47.0 47.0	0.0	0.0%	67.9%	42.1	42.1	0.0	0.0%	67.9%	41.3 41.3	41.3	0.0	-0.1%
69.1%	49.4 49.4	49.4 49.4	0.0	0.0%	69.1%	47.0 46.9	47.0 47.0	0.0	0.0%	69.1%	42.1 42.1	42.1 42.1	0.0	0.0%	69.1%	41.3 41.2	41.3 41.2	0.0	-0.1%
70.4% 71.6%	49.4	49.4	0.0	0.0%	70.4% 71.6%	46.9 46.9	47.0	0.1	0.2%	70.4% 71.6%	42.1 42.1	42.1 42.1	0.0	0.0%	70.4% 71.6%	41.2 41.2	41.2 41.2	0.0	0.0%
71.6%	49.3 49.3	49.3 49.2	-0.1	-0.2%	71.6%	46.9 46.9	47.0	0.1	0.3%	71.6%	42.1 42.0	42.1 42.0	0.0	0.1%	71.6%	41.2 41.2	41.2 41.1	-0.1	0.0% -0.3%
72.8% 74.1%	49.3 49.2	49.2 49.2	-0.1	-0.2%	72.8%	46.9 46.8	46.9 46.8	0.0	0.0%	72.8%	42.0 42.0	42.0 42.0	-0.1	-0.1%	72.8% 74.1%	41.2 41.2	41.1 41.1	-0.1	-0.3%
74.1% 75.3%	49.2 49.0	49.2 49.1	0.0	0.1%	74.1% 75.3%	46.8 46.8	46.8 46.7	-0.1	-0.2%	74.1% 75.3%	42.0 42.0	42.0 42.0	-0.1	-0.1%	74.1% 75.3%	41.2 41.1	41.1	0.0	-0.2%
76.5%	49.0	49.1	0.1	0.2%	76.5%	46.8	46.6	-0.1	-0.2%	76.5%	42.0	41.9	-0.1	-0.1%	76.5%	41.1	41.0	0.0	0.0%
77.8%	49.0	49.1	0.1	0.2%	77.8%	46.7	46.6	-0.1	-0.2%	77.8%	42.0	41.9	-0.1	-0.1%	77.8%	41.0	41.0	0.0	0.0%
79.0%	48.9	49.0	0.1	0.2%	79.0%	46.7	46.6	-0.1	-0.2%	79.0%	42.0	41.9	-0.1	-0.1%	79.0%	41.0	41.0	0.0	0.0%
80.2%	48.9	49.0	0.1	0.1%	80.2%	46.6	46.4	-0.1	-0.4%	80.2%	42.0	41.8	-0.1	-0.3%	80.2%	41.0	41.0	0.0	0.0%
81.5%	48.8	48.9	0.1	0.2%	81.5%	46.4	46.4	-0.2	-0.4%	81.5%	41.9	41.8	-0.1	-0.2%	81.5%	41.0	41.0	0.0	0.0%
82.7%	48.7	48.9	0.2	0.5%	82.7%	46.3	46.3	0.0	-0.1%	82.7%	41.8	41.8	-0.1	-0.2%	82.7%	40.8	41.0	0.2	0.4%
84.0%	48.7	48.9	0.2	0.4%	84.0%	46.3	46.2	-0.1	-0.2%	84.0%	41.8	41.8	0.0	-0.1%	84.0%	40.7	40.9	0.2	0.5%
85.2%	48.5	48.8	0.3	0.6%	85.2%	46.3	46.0	-0.3	-0.6%	85.2%	41.7	41.7	0.0	0.1%	85.2%	40.6	40.7	0.1	0.2%
86.4%	48.4	48.7	0.3	0.7%	86.4%	46.1	46.0	-0.1	-0.3%	86.4%	41.6	41.7	0.0	0.0%	86.4%	40.6	40.6	0.0	0.1%
87.7%	48.4	48.6	0.3	0.6%	87.7%	46.0	45.8	-0.2	-0.5%	87.7%	41.6	41.6	0.0	0.0%	87.7%	40.5	40.5	0.0	0.0%
88.9%	48.4	48.5	0.1	0.3%	88.9%	46.0	45.8	-0.2	-0.4%	88.9%	41.5	41.6	0.0	0.1%	88.9%	40.5	40.5	0.0	0.0%
90.1%	48.3	48.4	0.0	0.0%	90.1%	45.8	45.8	0.0	-0.1%	90.1%	41.5	41.5	0.1	0.1%	90.1%	40.3	40.5	0.2	0.6%
91.4%	48.2	48.3	0.1	0.2%	91.4%	45.8	45.7	0.0	0.0%	91.4%	41.4	41.5	0.1	0.2%	91.4%	40.2	40.2	0.0	0.1%
92.6%	48.1	48.3	0.2	0.4%	92.6%	45.6	45.7	0.1	0.2%	92.6%	41.3	41.3	0.0	0.0%	92.6%	40.0	40.2	0.1	0.3%
93.8%	47.9	47.9	0.0	0.0%	93.8%	45.6	45.7	0.1	0.2%	93.8%	41.3	41.2	-0.1	-0.2%	93.8%	39.9	40.0	0.1	0.2%
95.1%	47.9	47.9	0.0	0.0%	95.1%	45.6	45.7	0.1	0.2%	95.1%	41.2	41.2	0.0	-0.1%	95.1%	39.9	39.9	0.0	-0.1%
96.3%	47.8	47.8	0.0	0.0%	96.3%	45.5	45.5	0.0	0.0%	96.3%	41.2	41.1	-0.1	-0.2%	96.3%	39.8	39.9	0.1	0.2%
97.5%	47.8	47.8	0.0	0.0%	97.5%	45.1	45.5	0.4	0.9%	97.5%	41.1	41.1	0.0	-0.1%	97.5%	39.7	39.7	0.0	-0.1%
98.8%	47.4	47.8	0.4	0.9%	98.8%	45.0	45.1	0.0	0.1%	98.8%	41.0	41.0	0.0	0.0%	98.8%	39.6	39.6	0.0	0.0%
100.0%	47.2	47.3	0.0	0.0%	100.0%	44.4	44.8	0.4	1.0%	100.0%	40.3	40.2	0.0	0.0%	100.0%	39.3	39.2	-0.1	-0.2%

Table SQ-36-7b Clear Creek below Whiskeytown, Monthly Temperature Probability of Exceedance

									Probability	of Exceedance									
Percent		February			Percent		March			Percent		April			Percent		May		
Exceedance	No Action Alternative		Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative		Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative
Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)
0.0%	(DEG-F) 45.9	(DEG-F) 45.9	0.0	-0.1%	(%) 0.0%	(DEG-F) 49.0	(DEG-F) 49.0	0.0	0.0%		(DEG-F) 51.9	(DEG-F) 51.9	0.0	0.0%	(%) 0.0%	(DEG-F) 55.1	(DEG-F) 55.1	0.0	0.0%
1.2%	45.6	45.7	0.0	0.0%	1.2%	48.3	48.3	0.0	0.0%	1.2%	51.8	51.9	0.0	0.0%	1.2%	54.9	54.9	0.0	0.0%
2.5%	45.2	45.1	-0.1	-0.1%	2.5%	48.0	48.0	0.0	0.0%	2.5%	51.7	51.4	-0.3	-0.6%	2.5%	54.8	54.8	0.0	0.0%
3.7%	44.8	44.9	0.1	0.1%	3.7%	48.0	47.9	0.0	-0.1%	3.7%	51.0	51.3	0.3	0.5%	3.7%	54.6	54.5	0.0	-0.1%
4.9% 6.2%	44.8 44.7	44.9 44.8	0.1	0.2% 0.1%	4.9% 6.2%	47.8 47.8	47.5 47.5	-0.4 -0.3	-0.7% -0.6%	4.9% 6.2%	50.9 50.6	51.0 50.6	0.0	0.1%	4.9% 6.2%	54.4 54.4	54.4 54.3	0.0	0.0%
7.4%	44.7	44.7	0.0	0.1%	7.4%	47.7	47.5	-0.3	-0.6%	7.4%	50.6	50.6	0.0	-0.1%	7.4%	54.1	54.2	0.0	0.1%
8.6%	44.6	44.6	0.1	0.1%	8.6%	47.6	47.4	-0.2	-0.4%	8.6%	50.6	50.5	-0.1	-0.1%	8.6%	54.0	54.1	0.1	0.2%
9.9%	44.6	44.6	0.0	0.1%	9.9%	47.5	47.4	-0.1	-0.2%	9.9%	50.5	50.5	-0.1	-0.1%	9.9%	54.0	54.0	0.1	0.1%
11.1% 12.3%	44.5 44.5	44.6 44.5	0.0	0.0%	11.1% 12.3%	47.4 47.4	47.3 47.3	-0.1 0.0	-0.2%	11.1% 12.3%	50.5	50.4 50.4	-0.1	-0.2% -0.1%	11.1% 12.3%	54.0 53.7	53.9 53.7	-0.1 0.0	-0.1%
13.6%	44.5	44.5	0.0	0.4%	13.6%	47.3	47.3	0.0	-0.1% 0.0%	13.6%	50.4 50.4	50.4	-0.1 -0.1	-0.1%	13.6%	53.7	53.7	0.0	0.0%
14.8%	44.3	44.3	0.0	-0.1%	14.8%	47.2	47.2	0.0	-0.1%	14.8%	50.4	50.3	0.0	0.0%	14.8%	53.6	53.6	0.0	0.0%
16.0%	44.3	44.3	0.0	0.1%	16.0%	47.2	47.0	-0.2	-0.4%	16.0%	50.4	50.3	-0.1	-0.2%	16.0%	53.6	53.6	0.0	-0.1%
17.3% 18.5%	44.3 44.2	44.3 44.2	0.0	0.0%	17.3% 18.5%	47.2	46.9 46.9	-0.2	-0.5%	17.3% 18.5%	50.3	50.2	-0.1 0.0	-0.2%	17.3%	53.5	53.5 53.3	0.0 -0.1	0.0%
19.8%	44.2	44.2	0.0	0.0%	19.8%	47.1 47.1	46.8	-0.2 -0.3	-0.5% -0.6%	19.8%	50.2 50.2	50.2 50.2	0.0	-0.1% 0.0%	18.5% 19.8%	53.5 53.4	53.3	-0.1	-0.3% -0.1%
21.0%	44.0	44.1	0.0	0.1%	21.0%	46.9	46.8	-0.1	-0.3%	21.0%	50.2	50.1	-0.1	-0.2%	21.0%	53.3	53.3	-0.1	-0.1%
22.2%	44.0	44.0	0.0	0.1%	22.2%	46.8	46.8	0.0	-0.1%	22.2%	50.2	49.9	-0.3	-0.6%	22.2%	53.3	53.2	0.0	-0.1%
23.5%	44.0 43.9	44.0 43.9	0.0	0.1%	23.5%	46.8	46.7 46.5	-0.1	-0.3%	23.5%	49.9 49.9	49.7 49.7	-0.2	-0.4% -0.4%	23.5% 24.7%	53.2	53.2 53.0	0.0	-0.1%
24.7% 25.9%	43.9	43.9	0.0	0.0%	24.7% 25.9%	46.8 46.7	46.5 46.5	-0.3 -0.2	-0.5% -0.4%	24.7% 25.9%	49.9	49.7	-0.2 -0.2	-0.4%	25.9%	53.2 53.0	53.0	-0.1 0.0	-0.2% 0.0%
27.2%	43.9	43.9	0.0	0.0%	27.2%	46.5	46.5	0.0	0.0%	27.2%	49.7	49.6	-0.1	-0.2%	27.2%	53.0	53.0	0.0	0.0%
28.4%	43.9	43.9	0.0	0.0%	28.4%	46.5	46.5	-0.1	-0.1%	28.4%	49.7	49.6	-0.1	-0.3%	28.4%	53.0	52.9	0.0	-0.1%
29.6% 30.9%	43.8 43.8	43.8 43.8	0.0	0.0%	29.6% 30.9%	46.5 46.5	46.5 46.4	0.0 -0.1	-0.1% -0.2%	29.6% 30.9%	49.7 49.7	49.5 49.4	-0.2 -0.2	-0.4% -0.5%	29.6% 30.9%	53.0 52.9	52.9 52.9	0.0 -0.1	-0.1% -0.1%
30.9%	43.8	43.8	0.0	0.0%	30.9%	46.5 46.5	46.4 46.4	-0.1	-0.2%	30.9%	49.7 49.7	49.4 49.4	-0.2	-0.5%	30.9%	52.9 52.9	52.9 52.9	-0.1	-0.1%
33.3%	43.7	43.8	0.0	0.1%	33.3%	46.5	46.4	-0.1	-0.3%	33.3%	49.6	49.3	-0.2	-0.5%	33.3%	52.9	52.7	-0.2	-0.3%
34.6%	43.7	43.7	0.0	0.0%	34.6%	46.5	46.4	-0.1	-0.2%	34.6%	49.4	49.3	-0.1	-0.2%	34.6%	52.6	52.6	0.0	0.0%
35.8%	43.7 43.5	43.7 43.5	0.0	0.0%	35.8%	46.4 46.4	46.4 46.4	-0.1	-0.2%	35.8% 37.0%	49.4 49.3	49.3 49.3	-0.1	-0.1%	35.8%	52.6	52.6 52.6	0.0	0.0%
37.0% 38.3%	43.5 43.5	43.5	0.0	0.0%	37.0% 38.3%	46.4 46.4	46.4 46.3	-0.1 -0.1	-0.2% -0.2%	37.0%	49.3	49.3 49.2	-0.1 -0.1	-0.2% -0.1%	37.0% 38.3%	52.6 52.6	52.6 52.6	0.0	-0.1% -0.1%
39.5%	43.5	43.5	0.0	0.0%	39.5%	46.4	46.3	-0.1	-0.2%	39.5%	49.2	49.2	0.0	0.0%	39.5%	52.4	52.4	0.0	0.0%
40.7%	43.4	43.4	0.0	0.1%	40.7%	46.3	46.2	0.0	-0.1%	40.7%	49.2	49.2	0.0	0.0%	40.7%	52.3	52.3	0.0	0.0%
42.0%	43.4	43.4	0.0	0.1%	42.0%	46.1	46.1	0.0	0.0%	42.0%	49.2	49.0	-0.1	-0.2%	42.0%	52.3	52.1	-0.2	-0.4%
43.2% 44.4%	43.3 43.3	43.4 43.4	0.1	0.2%	43.2% 44.4%	46.1 46.0	46.1 46.0	0.0	0.0%	43.2% 44.4%	49.2 49.1	49.0 48.9	-0.2 -0.2	-0.4% -0.5%	43.2% 44.4%	52.1 52.1	52.1 52.0	0.0 -0.1	-0.1% -0.1%
45.7%	43.3	43.3	0.1	0.2%	45.7%	46.0	46.0	0.0	-0.1%	45.7%	49.0	48.8	-0.2	-0.4%	45.7%	52.1	52.0	-0.1	-0.1%
46.9%	43.2	43.3	0.1	0.3%	46.9%	46.0	45.9	-0.1	-0.2%	46.9%	48.9	48.8	-0.1	-0.3%	46.9%	52.0	52.0	0.0	-0.1%
48.1%	43.2	43.3	0.1	0.3%	48.1%	45.9	45.8	0.0	-0.1%	48.1%	48.9	48.8	-0.1	-0.2%	48.1%	52.0	51.9	-0.1	-0.2%
49.4% 50.6%	43.2 43.2	43.3 43.3	0.1 0.1	0.2%	49.4% 50.6%	45.8 45.7	45.7 45.7	-0.1 0.0	-0.3% -0.1%	49.4% 50.6%	48.8 48.8	48.6 48.6	-0.2 -0.2	-0.4% -0.3%	49.4% 50.6%	51.9 51.9	51.9 51.8	-0.1 -0.1	-0.1% -0.2%
51.9%	43.2	43.2	0.1	0.2%	51.9%	45.7	45.7	0.0	0.0%	51.9%	48.6	48.6	0.0	-0.1%	51.9%	51.9	51.8	-0.1	-0.1%
53.1%	43.1	43.2	0.1	0.2%	53.1%	45.7	45.7	0.0	0.0%	53.1%	48.6	48.5	-0.1	-0.2%	53.1%	51.8	51.7	-0.1	-0.2%
54.3%	43.1	43.2	0.1	0.2%	54.3%	45.7	45.6	0.0	-0.1%	54.3%	48.5	48.5	0.0	-0.1%	54.3%	51.8	51.6	-0.2	-0.3%
55.6% 56.8%	43.1 43.1	43.2 43.2	0.1 0.1	0.2% 0.2%	55.6% 56.8%	45.6 45.6	45.6 45.5	0.0	0.1%	55.6% 56.8%	48.5 48.5	48.4 48.4	0.0	-0.1% -0.1%	55.6% 56.8%	51.7 51.6	51.6 51.6	0.0	-0.1% 0.0%
58.0%	42.9	43.1	0.1	0.4%	58.0%	45.5	45.5	-0.1	-0.2%	58.0%	48.4	48.4	0.0	-0.1%	58.0%	51.5	51.5	0.0	0.0%
59.3%	42.9	43.1	0.2	0.4%	59.3%	45.5	45.4	-0.1	-0.2%	59.3%	48.4	48.3	-0.1	-0.2%	59.3%	51.5	51.5	0.0	0.0%
60.5%	42.9	43.0	0.1	0.2%	60.5%	45.5	45.3	-0.2	-0.4%	60.5%	48.4	48.3	-0.1	-0.3%	60.5%	51.5	51.4	0.0	0.0%
61.7% 63.0%	42.8 42.8	43.0 43.0	0.1	0.3%	61.7% 63.0%	45.3 45.2	45.3 45.3	0.0	0.0%	61.7% 63.0%	48.3	48.2	-0.1	-0.3%	61.7% 63.0%	51.5	51.3	-0.2	-0.4% -0.4%
64.2%	42.7	42.9	0.1 0.2	0.3%	64.2%	45.2 45.2	45.2	0.0	0.0%	64.2%	48.3 48.2	48.1 48.1	-0.1 -0.1	-0.3% -0.2%	64.2%	51.4 51.3	51.2 51.2	-0.2 -0.1	-0.4%
65.4%	42.7	42.8	0.2	0.4%	65.4%	45.2	45.2	0.0	0.0%	65.4%	48.1	48.1	-0.1	-0.1%	65.4%	51.2	51.2	0.0	-0.1%
66.7%	42.6	42.8	0.2	0.5%	66.7%	45.2	45.1	-0.1	-0.2%	66.7%	48.1	47.9	-0.1	-0.3%	66.7%	51.2	51.1	-0.1	-0.1%
67.9% 69.1%	42.6 42.6	42.7 42.6	0.1	0.3%	67.9% 69.1%	45.1 45.1	45.1 45.0	0.0	-0.1% 0.0%	67.9% 69.1%	48.1 48.0	47.9 47.9	-0.1 -0.1	-0.3% -0.3%	67.9% 69.1%	51.1 51.0	51.1 51.0	0.0	-0.1% -0.1%
70.4%	42.5	42.5	0.0	0.0%	70.4%	45.1	45.0	0.0	0.0%	70.4%	48.0	47.9	-0.1	-0.2%	70.4%	50.9	50.9	0.0	0.0%
71.6%	42.5	42.5	0.0	0.0%	71.6%	45.0	45.0	-0.1	-0.1%	71.6%	47.9	47.9	0.0	-0.1%	71.6%	50.9	50.9	0.0	0.0%
72.8%	42.5	42.5	0.0	0.0%	72.8%	45.0	45.0	0.0	0.0%	72.8%	47.9	47.9	0.0	0.0%	72.8%	50.8	50.8	0.0	0.0%
74.1% 75.3%	42.5 42.4	42.5 42.5	0.0	0.1% 0.0%	74.1% 75.3%	45.0 45.0	44.9 44.9	0.0 -0.1	-0.1% -0.1%	74.1% 75.3%	47.9 47.9	47.9 47.8	0.0	0.0%	74.1% 75.3%	50.8 50.5	50.6 50.6	-0.2 0.1	-0.3% 0.2%
76.5%	42.4	42.4	0.0	0.1%	76.5%	45.0	44.9	0.0	0.1%	76.5%	47.9	47.8	-0.1	-0.1%	76.5%	50.4	50.6	0.1	0.4%
77.8%	42.3	42.3	0.0	0.0%	77.8%	44.8	44.8	0.0	0.0%	77.8%	47.7	47.7	0.0	0.0%	77.8%	50.2	50.4	0.2	0.4%
79.0%	42.2	42.2	0.0	0.0%	79.0%	44.8	44.8	0.0	0.0%	79.0%	47.6	47.5	-0.1	-0.2%	79.0%	50.2	50.3	0.1	0.3%
80.2% 81.5%	42.2 42.2	42.2 42.2	0.0	0.0%	80.2% 81.5%	44.8 44.7	44.8 44.7	0.0	0.0%	80.2% 81.5%	47.5 47.4	47.3 47.3	-0.2 -0.1	-0.4% -0.2%	80.2% 81.5%	50.1 50.0	50.2 50.0	0.1	0.1%
81.5% 82.7%	42.2 42.1	42.2 42.1	0.0	0.0%	81.5%	44.7 44.7	44.7 44.7	0.0	0.0%	81.5% 82.7%	47.4	47.3 47.3	-0.1	-0.2%	81.5%	50.0 49.8	49.9	0.1	0.1%
84.0%	42.1	42.1	0.0	0.1%	84.0%	44.5	44.5	-0.1	-0.1%	84.0%	47.3	47.2	-0.1	-0.3%	84.0%	49.6	49.8	0.3	0.5%
85.2%	42.0	42.0	0.0	0.0%	85.2%	44.5	44.5	0.0	0.0%	85.2%	47.1	47.2	0.1	0.2%	85.2%	49.4	49.5	0.1	0.2%
86.4%	42.0	42.0	0.0	0.0%	86.4%	44.4	44.4	-0.1	-0.1%	86.4%	47.0	47.1	0.1	0.2%	86.4%	49.4	49.4	0.0	0.0%
87.7% 88.9%	42.0 41.9	42.0 41.9	0.0	0.0%	87.7% 88.9%	44.4 44.2	44.4 44.3	0.0	0.0%	87.7% 88.9%	46.9 46.8	46.8 46.7	-0.1 -0.1	-0.3% -0.2%	87.7% 88.9%	49.3 49.3	49.3 49.3	0.0	0.0%
90.1%	41.9	41.9	0.0	0.0%	90.1%	44.2	44.2	0.0	0.1%	90.1%	46.7	46.7	0.0	0.0%	90.1%	49.3	49.1	-0.2	-0.4%
91.4%	41.7	41.7	0.0	0.0%	91.4%	44.1	44.1	0.1	0.1%	91.4%	46.6	46.7	0.0	0.0%	91.4%	48.7	48.7	0.0	0.0%
92.6%	41.5	41.5	0.0	0.0%	92.6%	44.0	44.1	0.1	0.2%	92.6%	46.4	46.4	0.0	0.0%	92.6%	48.5	48.6	0.1	0.1%
93.8% 95.1%	41.5 41.5	41.5 41.5	0.0	0.0%	93.8% 95.1%	44.0 43.9	44.0 44.0	0.0 0.1	0.0% 0.2%	93.8% 95.1%	46.1 45.9	46.1 45.9	0.0	0.0%	93.8% 95.1%	48.3 47.9	48.3 48.0	0.0	0.0%
96.3%	41.2	41.2	0.0	0.0%	96.3%	43.9	43.9	0.0	0.1%	96.3%	45.5	45.5	0.0	0.0%	96.3%	46.6	46.7	0.1	0.2%
97.5%	41.1	41.2	0.0	0.1%	97.5%	43.7	43.6	0.0	-0.1%	97.5%	44.8	44.8	0.1	0.1%	97.5%	46.3	46.6	0.3	0.6%
98.8%	40.9	41.1	0.2	0.4%	98.8%	43.5	43.6	0.0	0.1%	98.8%	44.3	44.4	0.0	0.1%	98.8%	46.1	46.1	0.0	0.1%
100.0%	40.9	40.9	0.0	0.0%	100.0%	43.2	43.3	0.1	0.1%	100.0%	43.9	44.1	0.2	0.3%	100.0%	45.7	45.8	0.1	0.1%

Table SQ-36-7b
Clear Creek below Whiskeytown, Monthly Temperature
Probability of Exceedance

August

September

Percent	No Action Alternative	Alta-mation C	Absolute		Percent	No Astro-Altro-Mire	Alta-matina C	Abastata		Percent	No Antino Alternation	Alta-mation C	A h = = 1 - 4 =		Percent	No Action Alternation	Alta-matica C	A h1-4-	
Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative
Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	57.3	57.2	-0.1	-0.2%	0.0%	60.4	59.6	-0.8	-1.3%	0.0%	59.5	57.7	-1.8	-3.0%	0.0%	63.4	59.6	-3.8	-6.0%
1.2%	57.2	57.1	-0.1	-0.1%	1.2%	59.4	59.0	-0.3	-0.5%	1.2%	58.9	56.9	-2.0	-3.4%	1.2%	60.8	59.2	-1.6	-2.7%
2.5%	56.9	57.0	0.0	0.0%	2.5%	59.0	58.7	-0.3	-0.6%	2.5%	57.6	56.6	-1.1	-1.9%	2.5%	59.3	58.7	-0.6	-1.0%
3.7%	56.8	56.8	0.0	-0.1%	3.7%	58.9	56.5	-2.5	-4.2%	3.7%	56.8	55.4	-1.4	-2.5%	3.7%	58.9	58.6	-0.2	-0.4%
4.9%	56.5	56.5	0.0	0.0%	4.9%	58.7	56.3	-2.4	-4.1%	4.9%	56.3	55.3	-1.0	-1.7%	4.9%	57.7	56.5	-1.2	-2.1%
6.2%	56.5	56.2	-0.3	-0.5%	6.2%	57.7	56.0	-1.7	-3.0%	6.2%	55.7	55.1	-0.5	-1.0%	6.2%	57.6	56.3	-1.3	-2.3%
7.4%	56.4	56.1	-0.3	-0.6%	7.4%	56.5	55.4	-1.2	-2.1%	7.4%	55.7	54.9	-0.7	-1.3%	7.4%	57.4	55.5	-1.9	-3.3%
8.6%	56.1	55.8	-0.3	-0.5%	8.6%	55.4	55.3	-0.1	-0.2%	8.6%	55.3	54.7	-0.7	-1.2%	8.6%	56.7	55.0	-1.6	-2.9%
9.9%	55.9	55.8	-0.1	-0.2%	9.9%	54.5	54.9	0.4	0.7%	9.9%	55.1	54.6	-0.4	-0.8%	9.9%	56.6	54.8	-1.8	-3.1%
11.1% 12.3%	55.8 55.8	55.8 55.7	0.0	0.0%	11.1% 12.3%	54.4 54.4	54.7 54.6	0.3	0.5%	11.1% 12.3%	54.9 54.5	54.5 54.3	-0.4 -0.2	-0.8% -0.4%	11.1% 12.3%	56.4 56.3	54.7 54.6	-1.7 -1.7	-3.0% -3.0%
13.6%	55.7	55.7	0.0	0.0%	13.6%	54.3	54.4	0.0	0.1%	13.6%	54.5	54.2	-0.3	-0.5%	13.6%	55.5	54.6	-0.9	-1.5%
14.8%	55.7 55.7	55.6	-0.1	-0.2%	14.8%	54.3 54.3	54.4	0.1	0.2%	14.8% 16.0%	54.3	54.1 54.0	-0.2	-0.4%	14.8%	54.5	54.0 53.9	-0.6 -0.4	-1.0%
16.0% 17.3%	55.7 55.5	55.5 55.5	-0.2 0.0	-0.3% 0.0%	16.0% 17.3%	54.3 54.3	54.2 54.2	0.0 -0.1	0.0%	16.0%	54.3 54.2	54.0	-0.3 -0.2	-0.5% -0.3%	16.0% 17.3%	54.2 54.2	53.9	-0.4	-0.7% -1.7%
										18.5%								-0.9	
18.5% 19.8%	55.5 55.4	55.4 55.0	-0.1 -0.4	-0.2% -0.7%	18.5% 19.8%	54.0 53.7	54.1 54.1	0.1	0.1%	19.8%	54.1 53.9	53.8 53.7	-0.3 -0.2	-0.6% -0.4%	18.5% 19.8%	54.1 53.8	53.0 52.9	-0.8	-1.9% -1.6%
21.0%	55.4	54.9	-0.4	-0.7%	21.0%	53.7	54.0	0.4	0.6%	21.0%	53.8	53.6	-0.2	-0.4%	21.0%	53.2	52.9	-0.8	-0.5%
22.2%	55.0	54.9	-0.5	-0.1%	22.2%	53.6	53.8	0.3	0.3%	22.2%	53.6	53.4	-0.2	-0.4%	22.2%	53.2	52.9	-0.3	-0.5%
23.5%	55.0	54.9	-0.1	-0.1%	23.5%	53.5	53.7	0.2	0.4%	23.5%	53.6	53.4	-0.2	-0.4%	23.5%	53.2	52.5	-0.6	-1.1%
24.7%	54.8	54.9	0.0	0.0%	24.7%	53.4	53.6	0.2	0.4%	24.7%	53.4	53.1	-0.4	-0.6%	24.7%	53.1	52.5	-0.6	-1.2%
25.9%	54.8	54.8	-0.1	-0.1%	25.9%	53.2	53.1	-0.1	-0.3%	25.9%	53.1	53.0	-0.3	-0.2%	25.9%	53.1	52.4	-0.7	-1.3%
27.2%	54.8	54.8	-0.1	-0.1%	27.2%	53.2	52.9	-0.1	-0.6%	25.9%	53.1	52.8	-0.1	-0.5%	25.9%	53.0	52.4	-0.7	-1.1%
28.4%	54.6	54.6	0.1	0.1%	28.4%	53.2	52.8	-0.3	-0.5%	28.4%	53.0	52.8	-0.3	-0.3%	28.4%	52.8	52.4	-0.6	-1.1%
29.6%	54.5	54.7	0.0	0.2%	29.6%	52.9	52.7	-0.2	-0.4%	29.6%	52.9	52.7	-0.2	-0.4%	29.6%	52.6	52.3	-0.0	-0.4%
30.9%	54.5 54.2	54.5 54.5	0.0	0.5%	30.9%	52.9	52.6	-0.2	-0.5%	30.9%	52.9	52.7	-0.2	-0.4%	30.9%	52.3 52.2	52.1	-0.2	-0.4%
32.1%	54.1	54.4	0.3	0.5%	32.1%	52.9	52.6	-0.3	-0.5%	32.1%	52.7	52.7	-0.2	-0.4%	32.1%	52.1	52.0	-0.1	-0.2%
33.3%	54.1	54.2	0.1	0.3%	33.3%	52.8	52.6	-0.3	-0.5%	33.3%	52.7	52.5	-0.2	-0.5%	33.3%	52.1	51.9	-0.1	-0.1%
34.6%	53.9	54.1	0.1	0.4%	34.6%	52.7	52.5	-0.2	-0.4%	34.6%	52.6	52.5	-0.2	-0.3%	34.6%	52.0	51.8	-0.2	-0.5%
35.8%	53.8	54.0	0.2	0.4%	35.8%	52.6	52.5	-0.1	-0.2%	35.8%	52.6	52.4	-0.2	-0.4%	35.8%	51.9	51.7	-0.2	-0.3%
37.0%	53.8	53.9	0.1	0.1%	37.0%	52.5	52.4	-0.2	-0.3%	37.0%	52.5	52.1	-0.4	-0.7%	37.0%	51.8	51.6	-0.3	-0.5%
38.3%	53.8	53.8	0.0	0.1%	38.3%	52.5	52.2	-0.3	-0.6%	38.3%	52.5	52.1	-0.4	-0.7%	38.3%	51.8	51.5	-0.3	-0.5%
39.5%	53.7	53.8	0.2	0.3%	39.5%	52.3	52.2	-0.1	-0.2%	39.5%	52.5	52.1	-0.4	-0.7%	39.5%	51.7	51.4	-0.3	-0.6%
40.7%	53.4	53.8	0.4	0.7%	40.7%	52.3	52.2	-0.1	-0.2%	40.7%	52.4	52.1	-0.3	-0.6%	40.7%	51.7	51.3	-0.4	-0.8%
42.0%	53.4	53.7	0.3	0.6%	42.0%	52.3	52.2	-0.1	-0.2%	42.0%	52.3	52.0	-0.3	-0.5%	42.0%	51.5	51.3	-0.2	-0.5%
43.2%	53.3	53.6	0.3	0.5%	43.2%	52.2	52.1	0.0	0.0%	43.2%	52.2	51.9	-0.3	-0.6%	43.2%	51.5	51.2	-0.3	-0.5%
44.4%	53.2	53.4	0.2	0.3%	44.4%	52.1	52.1	0.1	0.1%	44.4%	52.2	51.9	-0.3	-0.6%	44.4%	51.4	51.1	-0.2	-0.5%
45.7%	53.2	53.4	0.2	0.4%	45.7%	52.0	52.1	0.1	0.2%	45.7%	52.2	51.8	-0.3	-0.7%	45.7%	51.1	51.1	0.0	0.0%
46.9%	53.1	53.2	0.1	0.2%	46.9%	51.9	52.1	0.1	0.3%	46.9%	52.1	51.8	-0.3	-0.5%	46.9%	51.1	51.1	0.0	0.0%
48.1%	53.0	53.1	0.1	0.2%	48.1%	51.9	52.1	0.1	0.2%	48.1%	52.0	51.8	-0.3	-0.5%	48.1%	51.0	51.0	0.1	0.1%
49.4%	53.0	53.0	0.0	0.0%	49.4%	51.9	52.0	0.1	0.2%	49.4%	51.9	51.8	-0.2	-0.3%	49.4%	51.0	51.0	0.1	0.1%
50.6%	52.9	53.0	0.0	0.1%	50.6%	51.9	51.9	0.1	0.1%	50.6%	51.9	51.7	-0.2	-0.4%	50.6%	50.9	51.0	0.1	0.2%
51.9%	52.8	52.8	0.0	0.0%	51.9%	51.9	51.9	0.0	0.0%	51.9%	51.9	51.7	-0.2	-0.5%	51.9%	50.8	50.9	0.1	0.1%
53.1%	52.8	52.8	0.0	0.1%	53.1%	51.8	51.9	0.0	0.1%	53.1%	51.7	51.6	0.0	0.0%	53.1%	50.8	50.9	0.1	0.2%
54.3%	52.7	52.8	0.0	0.1%	54.3%	51.8	51.8	0.0	0.1%	54.3%	51.5	51.6	0.2	0.3%	54.3%	50.8	50.9	0.1	0.2%
55.6%	52.6	52.7	0.1	0.1%	55.6%	51.7	51.7	0.0	0.1%	55.6%	51.4	51.5	0.1	0.2%	55.6%	50.7	50.8	0.1	0.2%
56.8%	52.5	52.5	0.0	0.0%	56.8%	51.6	51.7	0.1	0.2%	56.8%	51.4	51.5	0.1	0.3%	56.8%	50.7	50.8	0.1	0.1%
58.0%	52.5	52.5	0.0	-0.1%	58.0%	51.6	51.6	0.1	0.1%	58.0%	51.4	51.5	0.2	0.3%	58.0%	50.7	50.7	0.1	0.1%
59.3%	52.4	52.1	-0.3	-0.6%	59.3%	51.6	51.6	0.1	0.1%	59.3%	51.4	51.5	0.2	0.3%	59.3%	50.7	50.7	0.0	0.0%
60.5%	52.1	51.9	-0.2	-0.4%	60.5%	51.4	51.6	0.2	0.3%	60.5%	51.2	51.4	0.2	0.4%	60.5%	50.7	50.7	0.0	0.0%
61.7%	51.9	51.9	0.0	0.0%	61.7%	51.4	51.4	0.1	0.1%	61.7%	51.2	51.4	0.2	0.3%	61.7%	50.7	50.6	0.0	-0.1%
63.0%	51.9	51.7	-0.2	-0.4%	63.0%	51.3	51.3	0.0	0.1%	63.0%	51.1	51.3	0.2	0.4%	63.0%	50.6	50.6	0.0	0.0%
64.2%	51.7	51.7	0.0	0.0%	64.2%	51.2	51.3	0.1	0.1%	64.2%	51.1	51.3	0.2	0.3%	64.2%	50.6	50.6	0.0	0.0%
65.4%	51.7	51.6	-0.1	-0.1%	65.4%	51.2	51.1	0.0	-0.1%	65.4%	51.1	51.2	0.1	0.2%	65.4%	50.5	50.5	0.0	0.0%
66.7%	51.6	51.6	0.0	-0.1%	66.7%	51.1	51.1	-0.1	-0.1%	66.7%	51.1	51.1	0.0	0.1%	66.7%	50.5	50.5	0.0	0.1%
67.9%	51.6	51.6	0.0	0.0%	67.9%	51.1	50.9	-0.1	-0.2%	67.9%	51.1	51.1	0.1	0.1%	67.9%	50.5	50.5	0.0	0.1%
69.1% 70.4%	51.6 51.6	51.6	0.0	0.0%	69.1% 70.4%	51.0	50.9 50.9	0.0	0.0%	69.1% 70.4%	51.1	51.1 51.1	0.0	0.1%	69.1% 70.4%	50.4 50.4	50.5 50.5	0.1	0.1%
		51.6	0.0	0.0%		50.9		0.0	0.0%		51.0		0.1	0.3%				0.1	0.1%
71.6% 72.8%	51.5 51.5	51.5 51.5	0.0	0.0%	71.6% 72.8%	50.8 50.7	50.9 50.7	0.1 0.0	0.2%	71.6% 72.8%	50.9 50.9	51.1 51.1	0.2	0.4%	71.6% 72.8%	50.4 50.4	50.4 50.4	0.0	0.0%
72.8%	51.5 51.2	51.5 51.5	0.1	0.1%	72.8%	50.7	50.7	0.0	0.1%	72.8% 74.1%	50.9	51.1 51.0	0.2	0.3%	72.8% 74.1%	50.4	50.4	0.0	0.0%
74.1% 75.3%	50.9	51.5 51.0	0.3	0.6%	74.1% 75.3%	50.6	50.7	0.1	0.1%	74.1% 75.3%	50.8	50.9	0.2	0.3%	74.1% 75.3%	50.4	50.4	0.0	0.0%
75.3% 76.5%	50.9	51.0	0.1	0.1%	75.3% 76.5%	50.6 50.6	50.7	0.1	0.2%	75.3% 76.5%	50.8 50.8	50.9 50.9	0.2	0.3%	75.3% 76.5%	50.3	50.3	0.0	-0.1%
77.8%	50.8	50.9	-0.1	-0.2%	77.8%	50.5	50.7	0.1	0.2%	70.5%	50.7	50.8	0.1	0.2%	77.8%	50.2	50.3	0.0	0.3%
77.8%	50.8	50.6	-0.1	-0.2%	77.8%	50.5 50.5	50.6	0.1	0.1%	77.6%	50.7	50.8	0.1	0.2%	77.8%	50.2	50.3	0.1	0.0%
80.2%	50.7	50.6	-0.1	-0.1%	80.2%	50.5	50.5	0.1	0.1%	80.2%	50.7	50.8	0.1	0.2%	80.2%	50.1	50.2	0.0	0.1%
81.5%	50.7	50.6	0.0	0.1%	81.5%	50.5	50.5	0.1	0.1%	81.5%	50.7	50.8	0.1	0.2%	81.5%	50.1	50.2	0.0	0.1%
82.7%	50.5	50.5	0.0	0.0%	82.7%	50.3	50.5	0.2	0.4%	82.7%	50.6	50.8	0.1	0.3%	82.7%	50.0	50.1	0.0	0.1%
84.0%	50.5	50.5	0.0	0.0%	84.0%	50.3	50.5	0.2	0.4%	84.0%	50.5	50.7	0.1	0.5%	84.0%	50.0	50.0	0.0	0.1%
85.2%	49.9	50.1	0.2	0.3%	85.2%	50.2	50.3	0.1	0.2%	85.2%	50.4	50.7	0.3	0.5%	85.2%	50.0	50.0	0.0	0.0%
86.4%	49.9	50.0	0.1	0.1%	86.4%	50.1	50.1	0.0	0.0%	86.4%	50.4	50.6	0.2	0.4%	86.4%	49.9	49.9	0.0	0.0%
87.7%	49.8	49.8	0.0	0.0%	87.7%	49.9	50.0	0.0	0.0%	87.7%	50.4	50.6	0.2	0.4%	87.7%	49.9	49.9	0.0	-0.1%
88.9%	49.7	49.8	0.0	0.0%	88.9%	49.9	50.0	0.0	0.0%	88.9%	50.3	50.5	0.2	0.3%	88.9%	49.7	49.8	0.1	0.2%
90.1%	49.6	49.7	0.1	0.1%	90.1%	49.9	50.0	0.1	0.1%	90.1%	50.2	50.5	0.2	0.5%	90.1%	49.6	49.6	0.0	0.0%
91.4%	49.4	49.4	0.0	-0.1%	91.4%	49.8	49.8	0.0	0.0%	91.4%	50.1	50.4	0.2	0.6%	91.4%	49.5	49.6	0.1	0.2%
92.6%	49.2	49.2	0.1	0.2%	92.6%	49.8	49.8	0.0	-0.1%	92.6%	50.1	50.4	0.3	0.7%	92.6%	49.5	49.3	-0.2	-0.4%
93.8%	49.1	49.1	0.0	0.0%	93.8%	49.8	49.4	-0.4	-0.7%	93.8%	50.0	50.3	0.3	0.7%	93.8%	49.3	49.3	-0.1	-0.1%
95.1%	49.1	49.0	-0.2	-0.3%	95.1%	49.7	49.2	-0.5	-1.1%	95.1%	49.7	50.2	0.6	1.2%	95.1%	49.3	49.2	-0.1	-0.2%
96.3%	48.9	48.9	-0.1	-0.1%	96.3%	48.8	48.8	0.0	0.1%	96.3%	49.5	50.1	0.6	1.1%	96.3%	49.1	49.1	0.0	0.0%
97.5%	47.4	47.4	0.0	0.0%	97.5%	48.8	48.7	-0.1	-0.2%	97.5%	49.5	49.9	0.4	0.8%	97.5%	48.9	49.0	0.1	0.2%
98.8%	46.7	46.7	0.0	0.1%	98.8%	48.1	48.1	0.0	0.1%	98.8%	49.5	49.6	0.1	0.1%	98.8%	48.8	48.9	0.2	0.3%
100.0%	46.6	46.7	0.1	0.1%	100.0%	47.6	47.7	0.1	0.1%	100.0%	49.2	49.4	0.2	0.4%	100.0%	48.7	48.7	0.0	0.0%

Table SQ-37-7a Clear Creek at Igo, Monthly Temperature Long-term Average and Average by Water Year Type

		9		J		thly Temp		FG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Mav	Jun	Jul	Aua	Sep
rudiyələ i diləd	001	1404	500		ig-term	mui	7401	may	Jun	541	rug	ООР
Full Simulation Period ¹				201	ig toiiii							
No Action Alternative	51.9	48.3	43.3	41.9	43.5	46.3	49.5	52.6	55.2	58.3	57.0	53.9
Alternative C	51.7	48.2	43.3	42.0	43.5	46.2	49.4	52.6	55.2	58.2	57.0	53.6
Difference	-0.3	-0.1	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	-0.1	-0.1	-0.3
Percent Difference ³	-0.5%	-0.2%	0.0%	0.0%	0.1%	-0.1%	-0.2%	0.0%	0.0%	-0.1%	-0.1%	-0.5%
					ear Types							
Wet (32%)												
No Action Alternative	49.9	47.2	42.8	41.6	43.5	45.9	48.4	52.0	54.4	58.0	57.1	52.6
Alternative C	50.0	47.2	42.8	41.6	43.5	45.8	48.3	52.0	54.4	57.9	57.0	52.7
Difference	0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	-0.2	-0.1	0.0
Percent Difference	0.2%	0.1%	0.0%	-0.1%	0.0%	-0.2%	-0.2%	0.0%	0.0%	-0.3%	-0.2%	0.1%
Above Normal (15%)												
No Action Alternative	51.3	47.9	43.5	42.3	43.6	46.2	49.0	53.2	56.3	60.1	57.4	53.3
Alternative C	50.9	47.8	43.5	42.2	43.6	46.2	49.0	53.2	56.1	59.9	57.3	52.9
Difference	-0.4	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.2	-0.2	-0.4
Percent Difference	-0.8%	-0.2%	0.0%	-0.1%	0.0%	-0.1%	0.1%	0.0%	-0.3%	-0.3%	-0.3%	-0.8%
Below Normal (17%)												
No Action Alternative	52.4	48.4	43.4	41.8	42.9	46.0	49.6	53.2	54.8	58.3	57.1	54.0
Alternative C	52.1	48.4	43.4	41.8	42.9	46.0	49.5	53.2	54.8	58.2	57.1	53.8
Difference	-0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.2
Percent Difference	-0.7%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.0%	-0.4%
Dry (22%)												
No Action Alternative	52.0	49.0	43.7	42.0	43.4	46.5	50.7	52.7	55.1	57.7	56.2	53.6
Alternative C	51.8	48.8	43.7	42.1	43.5	46.5	50.4	52.7	55.3	57.7	56.4	53.5
Difference	-0.2	-0.2	0.0	0.1	0.1	-0.1	-0.2	0.1	0.2	0.0	0.2	-0.1
Percent Difference	-0.5%	-0.4%	-0.1%	0.2%	0.3%	-0.1%	-0.5%	0.1%	0.3%	0.1%	0.3%	-0.2%
Critical (15%)												
No Action Alternative	56.2	49.7	43.9	42.3	44.2	47.3	50.4	52.5	56.2	57.8	57.6	57.2
Alternative C	55.4	49.4	43.9	42.4	44.3	47.3	50.4	52.3	56.1	57.8	57.4	55.9
Difference	-0.8	-0.4	-0.1	0.1	0.0	0.0	0.0	-0.1	-0.1	0.0	-0.2	-1.2
Percent Difference	-1.4%	-0.8%	-0.1%	0.2%	0.1%	-0.1%	0.0%	-0.2%	-0.1%	0.1%	-0.3%	-2.19

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



Figure SQ-37-7b Clear Creek at Igo, Monthly Temperature Probability of Exceedance

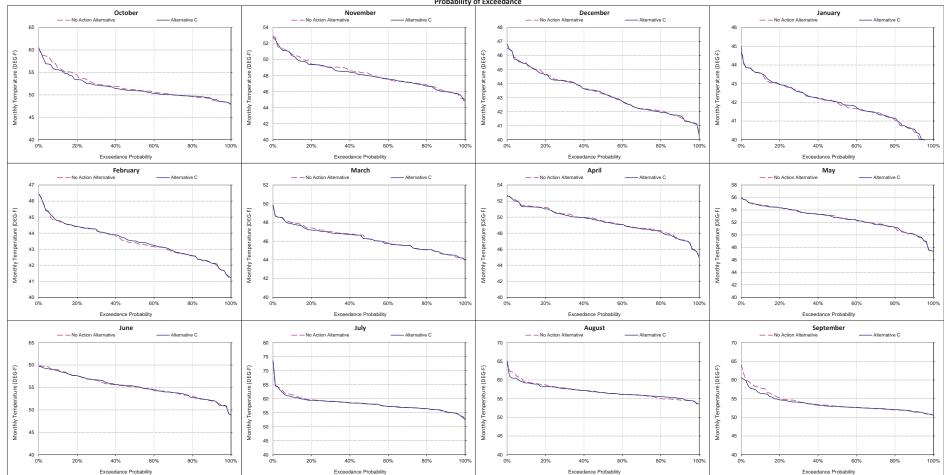


Table SQ-37-7b
Clear Creek at Igo, Monthly Temperature
Probability of Exceedance

December

January

November

October

Percent					Percent		411 11 0			Percent		411 11 0			Percent		411 11 0		
Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative
Probability	Monthly Temperature	Monthly Temperature		Difference (%)	Probability	Monthly Temperature	Monthly Temperature		Difference (%)	Probability	Monthly Temperature	Monthly Temperature		Difference (%)	Probability	Monthly Temperature	Monthly Temperature		Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	60.6	60.3	-0.3	-0.5%	0.0%	53.0	52.8	-0.1	-0.3%	0.0%	46.5	46.8	0.3	0.6%	0.0%	45.0	44.7	-0.3	-0.7%
1.2%	58.9	59.3	0.4	0.7%	1.2%	52.8	52.5	-0.3	-0.5%	1.2%	46.5	46.4	0.0	0.0%	1.2%	44.1	44.1	0.0	0.1%
2.5%	58.8	57.9	-0.9	-1.5%	2.5%	51.6	52.0	0.3	0.6%	2.5%	46.3	46.4	0.1	0.2%	2.5%	43.9	43.9	0.0	0.0%
3.7%	58.6	56.9	-1.7	-2.9%	3.7%	51.4	51.5	0.1	0.3%	3.7%	45.9	45.8	-0.1	-0.3%	3.7%	43.9	43.8	0.0	0.0%
4.9%	58.6	56.9	-1.7	-2.9%	4.9%	51.3	51.2	-0.2	-0.3%	4.9%	45.8	45.7	-0.1	-0.1%	4.9%	43.8	43.8	0.0	0.0%
6.2%	57.9	56.7	-1.1	-2.0%	6.2%	51.3	51.1	-0.2	-0.3%	6.2%	45.6	45.6	-0.1	-0.2%	6.2%	43.6	43.7	0.1	0.2%
7.4%	57.1	55.9	-1.1	-2.1%	7.4%	51.0	51.1	0.1	0.1%	7.4%	45.5	45.5	0.0	0.2%	7.4%	43.6	43.6	0.1	
																			0.0%
8.6%	57.0	55.7	-1.3	-2.3%	8.6%	50.9	50.9	0.0	0.0%	8.6%	45.5	45.4	-0.1	-0.1%	8.6%	43.6	43.6	0.0	0.0%
9.9%	56.0	55.6	-0.3	-0.6%	9.9%	50.7	50.5	-0.2	-0.4%	9.9%	45.5	45.4	-0.1	-0.1%	9.9%	43.5	43.6	0.0	0.1%
11.1%	55.8	55.5	-0.4	-0.7%	11.1%	50.5	50.4	-0.1	-0.3%	11.1%	45.2	45.3	0.1	0.3%	11.1%	43.5	43.5	0.0	0.1%
12.3%	55.4	55.3	-0.1	-0.2%	12.3%	50.5	50.1	-0.4	-0.8%	12.3%	45.2	45.2	0.0	0.1%	12.3%	43.3	43.4	0.2	0.4%
13.6%	55.1	54.8	-0.4	-0.6%	13.6%	50.4	49.9	-0.5	-1.1%	13.6%	45.1	45.1	0.0	0.0%	13.6%	43.1	43.3	0.1	0.3%
14.8%	55.1	54.8	-0.4	-0.7%	14.8%	50.1	49.8	-0.4	-0.7%	14.8%	45.0	45.0	0.0	-0.1%	14.8%	43.1	43.2	0.1	0.3%
16.0%	55.1	54.3	-0.8	-1.4%	16.0%	50.0	49.8	-0.2	-0.5%	16.0%	45.0	44.9	-0.2	-0.4%	16.0%	43.1	43.1	0.0	0.1%
17.3%	55.0	54.3	-0.7	-1.3%	17.3%	49.9	49.7	-0.2	-0.3%	17.3%	45.0	44.8	-0.2	-0.5%	17.3%	43.0	43.1	0.0	0.1%
18.5%	54.6	53.5	-1.1	-2.0%	18.5%	49.8	49.4	-0.4	-0.8%	18.5%	44.8	44.7	0.0	-0.1%	18.5%	43.0	43.1	0.0	0.1%
19.8%	54.5	53.4	-1.0	-1.9%	19.8%	49.4	49.4	-0.4	-0.1%	19.8%	44.7	44.6	-0.1		19.8%	43.0	43.0	0.0	
														-0.2%					0.0%
21.0%	53.8	53.4	-0.4	-0.7%	21.0%	49.4	49.4	0.0	0.0%	21.0%	44.6	44.6	0.0	0.0%	21.0%	42.9	42.9	0.0	0.0%
22.2%	53.7	53.3	-0.4	-0.7%	22.2%	49.4	49.4	0.0	-0.1%	22.2%	44.6	44.4	-0.2	-0.4%	22.2%	42.9	42.9	0.0	0.0%
23.5%	53.7	53.0	-0.7	-1.2%	23.5%	49.4	49.3	0.0	-0.1%	23.5%	44.5	44.3	-0.2	-0.4%	23.5%	42.9	42.8	-0.1	-0.2%
24.7%	53.5	52.6	-0.9	-1.7%	24.7%	49.3	49.3	0.0	0.0%	24.7%	44.3	44.3	0.0	-0.1%	24.7%	42.8	42.8	0.0	0.0%
25.9%	53.1	52.5	-0.5	-1.0%	25.9%	49.2	49.3	0.1	0.2%	25.9%	44.3	44.3	0.0	-0.1%	25.9%	42.8	42.8	0.0	-0.1%
27.2%	52.9	52.5	-0.4	-0.8%	27.2%	49.1	49.2	0.0	0.1%	27.2%	44.3	44.2	0.0	-0.1%	27.2%	42.7	42.7	0.0	0.0%
28.4%	52.6	52.2	-0.4	-0.7%	28.4%	49.1	49.1	-0.1	-0.1%	28.4%	44.3	44.2	0.0	-0.1%	28.4%	42.7	42.6	-0.1	-0.1%
29.6%	52.5	52.2	-0.3	-0.6%	29.6%	49.1	49.0	0.0	-0.1%	29.6%	44.2	44.2	0.0	-0.1%	29.6%	42.6	42.6	-0.1	-0.1%
30.9%	52.4	52.1	-0.2	-0.5%	30.9%	49.1	49.0	-0.1	-0.2%	30.9%	44.2	44.1	-0.1	-0.2%	30.9%	42.6	42.5	0.0	-0.1%
32.1%	52.4	52.1	-0.2	-0.2%	32.1%	49.1	48.7	-0.1	-0.7%	32.1%	44.2	44.1	-0.1	-0.2%	32.1%	42.5	42.5	0.0	0.0%
32.1%	52.2 52.2	52.1	-0.1	-0.2%	33.3%	49.1	48.6	-0.4	-1.0%	33.3%	44.2	44.1	-0.1	-0.2%	33.3%	42.5 42.4	42.5 42.4	0.0	0.1%
34.6%	52.0	52.0	0.0	-0.1%	34.6%	49.0	48.6	-0.5	-1.0%	34.6%	44.1	44.1	0.0	0.0%	34.6%	42.3	42.4	0.0	0.1%
35.8%	52.0	51.9	-0.1	-0.2%	35.8%	49.0	48.5	-0.5	-1.0%	35.8%	44.0	44.0	0.0	0.0%	35.8%	42.3	42.3	0.0	0.0%
37.0%	52.0	51.8	-0.2	-0.4%	37.0%	49.0	48.5	-0.5	-1.0%	37.0%	43.9	43.9	0.0	-0.1%	37.0%	42.3	42.3	0.0	0.0%
38.3%	51.9	51.8	-0.2	-0.3%	38.3%	48.9	48.5	-0.4	-0.8%	38.3%	43.8	43.8	0.0	0.0%	38.3%	42.3	42.3	0.0	0.0%
39.5%	51.9	51.4	-0.4	-0.8%	39.5%	48.6	48.5	-0.1	-0.2%	39.5%	43.6	43.7	0.0	0.0%	39.5%	42.2	42.3	0.0	0.1%
40.7%	51.9	51.4	-0.4	-0.8%	40.7%	48.6	48.4	-0.2	-0.4%	40.7%	43.6	43.6	0.0	0.0%	40.7%	42.2	42.2	0.0	-0.1%
42.0%	51.9	51.3	-0.6	-1.1%	42.0%	48.5	48.4	-0.2	-0.3%	42.0%	43.6	43.6	-0.1	-0.1%	42.0%	42.2	42.2	0.0	-0.1%
43.2%	51.5	51.2	-0.3	-0.7%	43.2%	48.5	48.3	-0.2	-0.4%	43.2%	43.6	43.5	0.0	0.0%	43.2%	42.2	42.1	0.0	-0.1%
44.4%	51.3	51.1	-0.2	-0.4%	44.4%	48.5	48.1	-0.4	-0.7%	44.4%	43.5	43.5	0.0	0.0%	44.4%	42.1	42.1	0.0	0.0%
45.7%	51.3	51.1	-0.2	-0.4%	45.7%	48.4	48.1	-0.4	-0.5%	45.7%	43.5	43.5	0.1	0.1%	45.7%	42.1	42.1	0.0	0.0%
46.9%	51.2	51.0	-0.2	-0.4%	46.9%	48.4	48.1	-0.2	-0.5%	46.9%	43.4	43.5	0.0	0.1%	46.9%	42.1	42.1	0.0	-0.1%
					48.1%		48.0			40.9%					48.1%	42.1			
48.1%	51.2	51.0	-0.2	-0.4%		48.4		-0.3	-0.7%	48.1%	43.3	43.5	0.1	0.3%			42.1	0.0	0.1%
49.4%	51.2	51.0	-0.2	-0.4%	49.4%	48.3	48.0	-0.3	-0.6%	49.4%	43.3	43.3	0.0	0.0%	49.4%	42.0	42.0	0.0	0.1%
50.6%	51.1	50.9	-0.2	-0.3%	50.6%	48.2	48.0	-0.2	-0.4%	50.6%	43.2	43.3	0.0	0.1%	50.6%	41.9	42.0	0.1	0.1%
51.9%	51.0	50.9	-0.1	-0.2%	51.9%	48.1	47.9	-0.2	-0.4%	51.9%	43.2	43.2	0.0	-0.1%	51.9%	41.8	42.0	0.1	0.4%
53.1%	51.0	50.9	-0.2	-0.3%	53.1%	47.9	47.9	0.0	0.0%	53.1%	43.1	43.2	0.1	0.1%	53.1%	41.8	41.9	0.0	0.1%
54.3%	50.9	50.8	0.0	-0.1%	54.3%	47.8	47.8	0.0	-0.1%	54.3%	43.0	43.1	0.0	0.0%	54.3%	41.8	41.9	0.0	0.1%
55.6%	50.8	50.8	-0.1	-0.2%	55.6%	47.8	47.8	0.0	0.0%	55.6%	43.0	43.0	0.0	0.1%	55.6%	41.7	41.8	0.1	0.3%
56.8%	50.8	50.6	-0.3	-0.6%	56.8%	47.8	47.7	-0.1	-0.2%	56.8%	43.0	42.9	0.0	-0.1%	56.8%	41.7	41.8	0.1	0.3%
58.0%	50.8	50.5	-0.3	-0.6%	58.0%	47.6	47.6	0.0	0.0%	58.0%	42.9	42.9	0.0	-0.1%	58.0%	41.7	41.8	0.1	0.3%
59.3%	50.6	50.4	-0.3	-0.6%	59.3%	47.6	47.6	0.1	0.2%	59.3%	42.8	42.8	0.0	0.0%	59.3%	41.7	41.8	0.1	0.3%
60.5%	50.5	50.3	-0.2	-0.4%	60.5%	47.5	47.5	0.0	0.1%	60.5%	42.7	42.7	0.0	0.0%	60.5%	41.6	41.7	0.0	0.1%
61.7%	50.5	50.2	-0.2	-0.5%	61.7%	47.4	47.5	0.1	0.3%	61.7%	42.6	42.6	0.0	-0.1%	61.7%	41.6	41.6	0.0	0.0%
				-0.5%			47.5	0.1				42.5				41.6	41.6		
63.0%	50.4 50.4	50.2 50.1	-0.3	-0.5%	63.0%	47.3 47.3	47.5 47.4	0.2	0.4%	63.0%	42.6 42.5	42.5 42.5	0.0	-0.1% 0.0%	63.0% 64.2%	41.b 41.5	41.b 41.6	0.0	0.1%
64.2%		50.1 50.1	-0.3	-0.5%	64.2%	47.3 47.3	47.4 47.3		0.1%	64.2%			0.0	0.0%		41.5 41.5	41.6 41.5	0.0	0.0%
65.4%	50.3		-0.2		65.4%			0.0	0.0%	65.4%	42.4	42.4	0.0		65.4%				-0.1%
66.7%	50.3	50.1	-0.2	-0.3%	66.7%	47.3	47.3	0.0	-0.1%	66.7%	42.3	42.3	0.0	0.0%	66.7%	41.5	41.5	0.0	0.0%
67.9%	50.2	50.0	-0.2	-0.3%	67.9%	47.3	47.3	0.0	-0.1%	67.9%	42.2	42.2	0.0	0.0%	67.9%	41.5	41.5	0.0	-0.1%
69.1%	50.1	50.0	-0.1	-0.1%	69.1%	47.3	47.2	-0.1	-0.2%	69.1%	42.2	42.2	0.0	0.0%	69.1%	41.5	41.5	0.0	0.0%
70.4%	49.9	50.0	0.1	0.2%	70.4%	47.2	47.2	0.0	0.0%	70.4%	42.2	42.2	0.0	-0.1%	70.4%	41.4	41.4	0.0	0.0%
71.6%	49.9	50.0	0.0	0.1%	71.6%	47.2	47.1	0.0	-0.1%	71.6%	42.2	42.2	0.0	-0.1%	71.6%	41.4	41.3	-0.1	-0.3%
72.8%	49.9	49.9	0.0	0.0%	72.8%	47.1	47.1	0.0	-0.1%	72.8%	42.2	42.1	0.0	-0.1%	72.8%	41.4	41.3	-0.1	-0.2%
74.1%	49.9	49.9	0.0	0.0%	74.1%	47.1	47.0	-0.1	-0.2%	74.1%	42.2	42.1	-0.1	-0.1%	74.1%	41.3	41.3	0.0	0.0%
75.3%	49.8	49.8	0.1	0.1%	75.3%	47.0	47.0	0.0	-0.1%	75.3%	42.1	42.1	-0.1	-0.2%	75.3%	41.3	41.2	0.0	-0.1%
76.5%	49.7	49.8	0.0	0.1%	76.5%	47.0	46.9	-0.1	-0.2%	76.5%	42.1	42.1	-0.1	-0.2%	76.5%	41.2	41.2	0.0	-0.1%
77.8%	49.7	49.7	0.0	0.1%	77.8%	47.0	46.8	-0.1	-0.2%	77.8%	42.1	42.0	-0.1	-0.2%	77.8%	41.2	41.2	0.0	0.1%
79.0%	49.7	49.7	0.0	0.1%	79.0%	46.9	46.7	-0.1	-0.4%	79.0%	42.1	42.0	-0.1	-0.2%	79.0%	41.2	41.2	0.0	0.0%
80.2%	49.6	49.7	0.0	0.1%	80.2%	46.8	46.7	-0.2	-0.4%	80.2%	42.1	41.9	-0.1	-0.2%	80.2%	41.0	41.1	0.0	0.3%
80.2% 81.5%	49.5 49.5	49.7	0.1	0.2%	80.2% 81.5%	46.8 46.6	46.6	-0.1		80.2%	42.1 42.0	41.9	-0.1	-0.3%	80.2% 81.5%	41.0	41.1	0.1	
			0.2						0.0%										0.0%
82.7%	49.4	49.7	0.3	0.5%	82.7%	46.6	46.6	0.0	-0.1%	82.7%	41.9	41.9	0.0	0.0%	82.7%	40.7	40.9	0.2	0.4%
84.0%	49.4	49.6	0.2	0.4%	84.0%	46.6	46.4	-0.2	-0.5%	84.0%	41.9	41.8	-0.1	-0.1%	84.0%	40.7	40.7	0.0	0.0%
85.2%	49.4	49.5	0.1	0.3%	85.2%	46.4	46.2	-0.2	-0.4%	85.2%	41.8	41.8	0.0	0.1%	85.2%	40.7	40.7	0.0	0.1%
86.4%	49.4	49.5	0.1	0.2%	86.4%	46.3	46.1	-0.2	-0.3%	86.4%	41.8	41.8	0.0	0.0%	86.4%	40.6	40.7	0.0	0.0%
87.7%	49.2	49.4	0.2	0.3%	87.7%	46.2	46.1	-0.2	-0.4%	87.7%	41.7	41.8	0.0	0.1%	87.7%	40.6	40.6	0.1	0.2%
88.9%	49.2	49.4	0.2	0.4%	88.9%	46.1	46.0	-0.1	-0.2%	88.9%	41.7	41.7	0.1	0.2%	88.9%	40.6	40.6	0.0	0.0%
90.1%	48.9	49.0	0.2	0.4%	90.1%	46.0	46.0	0.0	-0.1%	90.1%	41.6	41.7	0.1	0.3%	90.1%	40.4	40.6	0.2	0.4%
91.4%	48.8	49.0	0.2	0.4%	91.4%	45.9	46.0	0.0	0.1%	91.4%	41.5	41.6	0.1	0.3%	91.4%	40.4	40.4	0.2	0.4%
92.6%	48.6	48.9	0.4	0.8%	92.6%	45.9	45.9	0.0	0.0%	92.6%	41.4	41.3	-0.1	-0.2%	92.6%	40.0	40.3	0.0	0.7%
92.6%	48.5	48.5	0.4	0.8%	92.6%	45.9 45.8	45.9 45.8	0.0	0.0%	92.6%	41.4	41.3	0.0	0.2%	92.6%	40.0	40.3	0.0	0.7%
95.1%	48.5	48.5	-0.1	-0.1%	95.1%	45.7	45.8	0.0	0.1%	95.1%	41.3	41.3	0.0	-0.1%	95.1%	39.9	40.0	0.1	0.2%
96.3%	48.4	48.4	0.0	0.0%	96.3%	45.7	45.7	0.0	0.1%	96.3%	41.2	41.2	0.0	0.0%	96.3%	39.9	39.8	-0.1	-0.2%
97.5%	48.4	48.4	0.0	0.0%	97.5%	45.2	45.6	0.4	0.9%	97.5%	41.2	41.1	-0.1	-0.2%	97.5%	39.7	39.7	0.0	0.1%
98.8%	48.2	48.3	0.1	0.2%	98.8%	45.2	45.2	0.0	0.1%	98.8%	41.1	41.1	0.0	0.0%	98.8%	39.4	39.3	-0.1	-0.2%
100.0%	47.8	47.9	0.0	0.0%	100.0%	44.5	44.9	0.4	0.9%	100.0%	40.3	40.3	0.0	0.0%	100.0%	38.6	38.6	0.0	0.0%
																-			

Table SQ-37-7b
Clear Creek at Igo, Monthly Temperature
Probability of Exceedance

March

February

Percent		rebluary			Percent		March			Percent		Aprii			Percent		Iviay		
Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	46.4	46.5	0.0	0.1%	0.0%	49.8	49.8	0.0	0.0%	0.0%	52.6	52.7	0.1	0.1%	0.0%	56.0	56.0	0.0	0.0%
1.2%	46.2	46.2	0.0	-0.1%	1.2%	48.7	48.7	0.0	0.0%	1.2%	52.6	52.6	0.0	0.0%	1.2%	55.7	55.7	0.0	0.0%
2.5%	45.8	45.8	0.0	0.0%	2.5%	48.6	48.6	0.0	0.0%	2.5%	52.3	52.3	0.1	0.2%	2.5%	55.6	55.6	0.0	0.0%
3.7%	45.5	45.4	-0.1	-0.1%	3.7%	48.5	48.5	0.0	0.0%	3.7%	52.2	52.0	-0.2	-0.4%	3.7%	55.2	55.2	0.0	0.0%
4.9%	45.4	45.3	0.0	-0.1%	4.9%	48.5	48.5	0.0	-0.1%	4.9%	52.0	52.0	-0.1	-0.1%	4.9%	55.1	55.1	0.0	0.0%
6.2%	45.0	45.2	0.2	0.4%	6.2%	48.2	48.1	-0.1	-0.1%	6.2%	52.0	51.8	-0.2	-0.3%	6.2%	54.9	55.1	0.1	0.2%
7.4%	44.8	45.0	0.2	0.4%	7.4%	48.2	48.0	-0.2	-0.4%	7.4%	51.5	51.3	-0.1	-0.3%	7.4%	54.9	54.9	0.0	0.0%
8.6%	44.8	44.8	0.0	0.0%	8.6%	48.1	47.9	-0.2	-0.4%	8.6%	51.5	51.3	-0.1	-0.3%	8.6%	54.9	54.9	0.0	0.0%
9.9%	44.8	44.8	0.0	0.0%	9.9%	48.0	47.9	-0.1	-0.2%	9.9%	51.5	51.3	-0.2	-0.3%	9.9%	54.9	54.7	-0.1	-0.3%
11.1%	44.7	44.8	0.1	0.2%	11.1%	47.9	47.8	-0.1	-0.3%	11.1%	51.4	51.3	-0.1	-0.3%	11.1%	54.7	54.7	0.0	-0.1%
12.3%	44.7	44.7	0.0	0.1%	12.3%	47.9	47.7	-0.1	-0.3%	12.3%	51.3	51.3	-0.1	-0.1%	12.3%	54.7	54.7	0.0	-0.1%
13.6%	44.6	44.6	0.0	0.0%	13.6%	47.9	47.7	-0.2	-0.4%	13.6%	51.3	51.3	-0.1	-0.1%	13.6%	54.7	54.6	-0.2	-0.3%
14.8%	44.6	44.5	0.0	0.0%	14.8%	47.7	47.7	0.0	0.0%	14.8%	51.3	51.2	0.0	-0.1%	14.8%	54.5	54.5	0.0	-0.1%
16.0%	44.5	44.5	0.0	0.1%	16.0%	47.7	47.4	-0.2	-0.5%	16.0%	51.3	51.2	0.0	-0.1%	16.0%	54.5	54.5	0.0	0.0%
17.3%	44.5	44.5	0.0	0.0%	17.3%	47.4	47.3	-0.1	-0.3%	17.3%	51.2	51.2	0.0	-0.1%	17.3%	54.5	54.5	0.0	0.0%
18.5%	44.5	44.4	0.0	-0.1%	18.5%	47.4	47.2	-0.2	-0.4%	18.5%	51.2	51.1	-0.1	-0.1%	18.5%	54.5	54.5	0.0	0.0%
19.8%	44.4	44.4	0.0	0.0%	19.8%	47.4	47.2	-0.2	-0.5%	19.8%	51.2	51.0	-0.2	-0.3%	19.8%	54.4	54.3	-0.1	-0.1%
21.0%	44.4	44.4	0.0	0.0%	21.0%	47.4	47.2	-0.2	-0.5%	21.0%	51.2	51.0	-0.2	-0.3%	21.0%	54.3	54.3	0.0	0.0%
22.2%	44.4	44.4	0.0	0.0%	22.2%	47.3	47.2	-0.1	-0.3%	22.2%	51.0	50.9	-0.1	-0.3%	22.2%	54.3	54.3	0.0	0.0%
23.5%	44.3	44.3	0.0	-0.1%	23.5%	47.2	47.2	-0.1	-0.2%	23.5%	50.8	50.8	0.0	0.0%	23.5%	54.2	54.3	0.0	0.0%
24.7%	44.3	44.3	0.0	0.1%	24.7%	47.2	47.1	-0.1	-0.3%	24.7%	50.6	50.6	0.0	-0.1%	24.7%	54.1	54.1	0.0	0.1%
25.9%	44.3	44.3	0.0	0.1%	25.9%	47.2	47.1	-0.1	-0.3%	25.9%	50.6	50.4	-0.1	-0.3%	25.9%	54.1	54.0	-0.1	-0.1%
27.2%	44.3	44.3	0.0	0.0%	27.2%	47.2	47.0	-0.1	-0.3%	27.2%	50.6	50.4	-0.1	-0.3%	27.2%	54.0	54.0	0.0	0.0%
28.4%	44.3	44.3	0.0	0.0%	28.4%	47.1	47.0	-0.1	-0.2%	28.4%	50.4	50.4	0.0	-0.1%	28.4%	53.9	54.0	0.1	0.3%
29.6%	44.2	44.3	0.1	0.2%	29.6%	47.1	46.9	-0.2	-0.3%	29.6%	50.4	50.3	-0.1	-0.2%	29.6%	53.7	53.9	0.1	0.2%
30.9%	44.1	44.1	0.0	0.0%	30.9%	47.0	46.9	-0.1	-0.3%	30.9%	50.4	50.2	-0.2	-0.4%	30.9%	53.7	53.6	-0.1	-0.2%
32.1%	44.1	44.1	0.0	0.0%	32.1%	47.0	46.8	-0.1	-0.3%	32.1%	50.4	50.2	-0.2	-0.4%	32.1%	53.6	53.6	0.0	0.0%
33.3%	44.0	44.1	0.0	0.0%	33.3%	46.9	46.8	-0.1	-0.1%	33.3%	50.3	50.1	-0.3	-0.5%	33.3%	53.5	53.5	0.0	0.0%
34.6%	44.0	44.0	0.0	0.0%	34.6%	46.9	46.8	-0.1	-0.1%	34.6%	50.2	50.0	-0.1	-0.3%	34.6%	53.5	53.5	0.0	0.0%
35.8%	44.0	44.0	0.0	0.0%	35.8%	46.8	46.8	-0.1	-0.1%	35.8%	50.0	50.0	0.0	-0.1%	35.8%	53.4	53.5	0.0	0.1%
37.0%	43.9	43.9	0.0	0.0%	37.0%	46.8	46.8	0.0	-0.1%	37.0%	50.0	50.0	0.0	0.0%	37.0%	53.4	53.4	0.0	0.0%
38.3%	43.9	43.9	0.0	0.0%	38.3%	46.8	46.7	-0.1	-0.1%	38.3%	50.0	50.0	0.0	0.0%	38.3%	53.4	53.4	0.0	0.0%
39.5%	43.9	43.9	0.0	0.0%	39.5%	46.8	46.7	-0.1	-0.1%	39.5%	50.0	50.0	0.0	0.0%	39.5%	53.4	53.3	-0.1	-0.1%
40.7%	43.7	43.9	0.2	0.4%	40.7%	46.8	46.7	-0.1	-0.2%	40.7%	50.0	49.9	-0.1	-0.1%	40.7%	53.3	53.3	0.0	-0.1%
42.0%	43.7	43.8	0.1	0.3%	42.0%	46.7	46.7	-0.1	-0.1%	42.0%	49.9	49.9	0.0	-0.1%	42.0%	53.3	53.3	0.0	-0.1%
43.2%	43.6	43.7	0.2	0.4%	43.2%	46.7	46.7	0.0	0.0%	43.2%	49.9	49.8	-0.1	-0.1%	43.2%	53.3	53.2	-0.1	-0.2%
44.4%	43.5	43.7	0.2	0.4%	44.4%	46.7	46.7	0.0	0.0%	44.4%	49.9	49.7	-0.2	-0.4%	44.4%	53.2	53.2	0.0	0.0%
45.7%	43.5	43.6	0.1	0.2%	45.7%	46.7	46.6	0.0	0.0%	45.7%	49.8	49.7	-0.1	-0.2%	45.7%	53.2	53.2	0.0	0.0%
46.9%	43.4	43.6	0.1	0.3%	46.9%	46.7	46.3	-0.4	-0.8%	46.9%	49.7	49.6	-0.1	-0.2%	46.9%	53.1	53.0	-0.2	-0.3%
48.1%	43.4	43.5	0.1	0.3%	48.1%	46.3	46.3	0.0	0.0%	48.1%	49.6	49.5	-0.1	-0.2%	48.1%	53.1	52.8	-0.3	-0.6%
49.4%	43.4	43.5	0.1	0.3%	49.4%	46.3	46.2	0.0	0.0%	49.4%	49.5	49.5	0.0	0.0%	49.4%	52.8	52.8	0.0	0.0%
50.6%	43.4	43.5	0.1	0.2%	50.6%	46.2	46.2	0.0	0.0%	50.6%	49.5	49.3	-0.2	-0.3%	50.6%	52.8	52.8	0.0	0.0%
51.9%	43.3	43.4	0.1	0.3%	51.9%	46.2	46.2	0.0	0.0%	51.9%	49.4	49.3	-0.1	-0.2%	51.9%	52.7	52.7	0.0	-0.1%
53.1%	43.3	43.4	0.1	0.3%	53.1%	46.0	46.0	0.0	0.0%	53.1%	49.3	49.3	-0.1	-0.1%	53.1%	52.7	52.6	-0.1	-0.1%
54.3%	43.3	43.4	0.1	0.3%	54.3%	46.0	46.0	0.0	0.0%	54.3%	49.3	49.3	-0.1	-0.1%	54.3%	52.7	52.6	-0.1	-0.2%
55.6%	43.3	43.4	0.1	0.3%	55.6%	46.0	46.0	0.0	0.0%	55.6%	49.3	49.2	-0.1	-0.2%	55.6%	52.5	52.5	0.0	-0.1%
56.8%	43.2	43.4	0.1	0.3%	56.8%	46.0	46.0	0.0	0.0%	56.8%	49.2	49.1	-0.1	-0.2%	56.8%	52.5	52.5	0.0	0.0%
58.0%	43.2	43.3	0.1	0.3%	58.0%	45.9	45.8	-0.2	-0.3%	58.0%	49.1	49.1	0.0	-0.1%	58.0%	52.5	52.5	0.0	0.0%
59.3%	43.2	43.3	0.1	0.2%	59.3%	45.9	45.8	-0.1	-0.2%	59.3%	49.1	49.1	0.0	0.0%	59.3%	52.4	52.5	0.0	0.0%
60.5%	43.1	43.2	0.1	0.2%	60.5%	45.7	45.7	0.0	0.0%	60.5%	49.1	49.1	0.0	0.0%	60.5%	52.3	52.2	-0.1	-0.1%
61.7%	43.1	43.2	0.0	0.1%	61.7%	45.7	45.7	0.0	-0.1%	61.7%	48.9	48.9	0.0	-0.1%	61.7%	52.3	52.2	-0.1	-0.1%
63.0%	43.1	43.1	0.0	0.0%	63.0%	45.6	45.6	0.0	0.0%	63.0%	48.8	48.8	0.0	-0.1%	63.0%	52.2	52.2	0.0	-0.1%
64.2%	43.1	43.1	0.0	0.0%	64.2%	45.6	45.6	0.0	0.0%	64.2%	48.8	48.8	-0.1	-0.1%	64.2%	52.1	52.1	0.0	0.0%
65.4%	43.1	43.1	0.0	0.0%	65.4%	45.6	45.6	0.0	0.0%	65.4%	48.8	48.7	-0.1	-0.2%	65.4%	52.0	52.0	0.0	0.0%
66.7%	43.0	43.1	0.1	0.2%	66.7%	45.6	45.6	0.0	0.0%	66.7%	48.7	48.7	0.0	0.0%	66.7%	51.9	51.9	0.0	0.0%
67.9%	42.9	43.0	0.1	0.1%	67.9%	45.5	45.5	0.0	0.0%	67.9%	48.7	48.6	0.0	-0.1%	67.9%	51.9	51.9	0.0	0.0%
69.1%	42.9	42.9	0.1	0.2%	69.1%	45.5	45.5	0.0	0.0%	69.1%	48.6	48.6	0.0	-0.1%	69.1%	51.9	51.7	-0.2	-0.4%
70.4%	42.8	42.9	0.1	0.1%	70.4%	45.5	45.5	0.0	0.0%	70.4%	48.6	48.5	-0.1	-0.2%	70.4%	51.8	51.6	-0.1	-0.3%
71.6%	42.8	42.8	0.0	0.1%	71.6%	45.5	45.5	0.0	0.0%	71.6%	48.6	48.5	-0.1	-0.2%	71.6%	51.8	51.6	-0.2	-0.3%
72.8%	42.7	42.8	0.0	0.1%	72.8%	45.3	45.3	0.0	0.0%	72.8%	48.6	48.5	-0.1	-0.2%	72.8%	51.7	51.6	-0.1	-0.3%
74.1%	42.7	42.7	0.0	0.1%	74.1%	45.2	45.2	0.0	-0.1%	74.1%	48.5	48.5	-0.1	-0.1%	74.1%	51.6	51.6	-0.1	-0.1%
75.3%	42.7	42.7	0.0	0.1%	75.3%	45.2	45.2	0.0	-0.1%	75.3%	48.5	48.3	-0.2	-0.3%	75.3%	51.5	51.5	0.0	0.1%
76.5%	42.7	42.7	0.0	0.0%	76.5%	45.1	45.1	0.0	0.0%	76.5%	48.5	48.3	-0.2	-0.3%	76.5%	51.3	51.4	0.1	0.1%
77.8%	42.7	42.7	0.0	0.0%	77.8%	45.1	45.1	0.0	0.0%	77.8%	48.4	48.3	0.0	-0.1%	77.8%	51.3	51.3	0.0	0.0%
79.0%	42.6	42.6	0.0	-0.1%	79.0%	45.1	45.1	0.0	0.1%	79.0%	48.3	48.3	-0.1	-0.1%	79.0%	51.2	51.3	0.2	0.3%
80.2%	42.6	42.6	0.0	0.0%	80.2%	45.1	45.1	0.0	0.1%	80.2%	48.3	48.1	-0.2	-0.3%	80.2%	51.1	51.2	0.0	0.0%
81.5%	42.6	42.6	0.0	0.0%	81.5%	45.1	45.1	0.0	0.0%	81.5%	48.2	47.9	-0.3	-0.6%	81.5%	50.7	51.2	0.4	0.9%
82.7%	42.4	42.4	0.0	0.0%	82.7%	45.1	45.1	0.0	0.1%	82.7%	48.0	47.8	-0.2	-0.5%	82.7%	50.7	50.8	0.1	0.2%
84.0%	42.4	42.4	0.0	0.0%	84.0%	44.9	44.9	0.0	0.0%	84.0%	47.9	47.8	-0.2	-0.4%	84.0%	50.4	50.5	0.1	0.2%
85.2%	42.3	42.3	0.0	0.0%	85.2%	44.9	44.9	0.0	-0.1%	85.2%	47.8	47.8	-0.1	-0.2%	85.2%	50.4	50.4	0.0	0.0%
86.4%	42.3	42.3	0.0	0.0%	86.4%	44.9	44.9	0.0	0.0%	86.4%	47.8	47.6	-0.2	-0.5%	86.4%	50.3	50.3	0.0	0.0%
87.7%	42.3	42.3	0.0	-0.1%	87.7%	44.7	44.6	-0.1	-0.1%	87.7%	47.3	47.5	0.2	0.4%	87.7%	50.2	50.3	0.0	0.0%
88.9%	42.2	42.2	0.0	0.0%	88.9%	44.6	44.6	0.0	0.0%	88.9%	47.3	47.3	0.0	0.0%	88.9%	50.2	50.2	0.0	-0.1%
90.1%	42.1	42.1	0.0	0.0%	90.1%	44.6	44.6	0.0	0.0%	90.1%	47.2	47.2	0.0	0.0%	90.1%	50.0	50.1	0.1	0.2%
91.4%	42.1	42.1	0.0	0.0%	91.4%	44.5	44.6	0.0	0.1%	91.4%	47.2	47.1	0.0	-0.1%	91.4%	49.9	49.9	0.0	0.0%
92.6%	42.0	42.1	0.1	0.2%	92.6%	44.5	44.5	0.0	0.0%	92.6%	47.1	47.0	-0.1	-0.2%	92.6%	49.6	49.7	0.2	0.4%
93.8%	41.8	41.8	0.0	0.0%	93.8%	44.5	44.5	0.0	0.0%	93.8%	47.0	47.0	0.0	0.0%	93.8%	49.5	49.6	0.1	0.2%
95.1%	41.7	41.7	0.0	0.0%	95.1%	44.3	44.5	0.2	0.5%	95.1%	46.8	46.8	0.0	0.0%	95.1%	49.0	49.1	0.0	0.0%
96.3%	41.7	41.7	0.0	0.0%	96.3%	44.3	44.3	0.1	0.1%	96.3%	45.9	46.0	0.1	0.3%	96.3%	48.9	49.0	0.1	0.2%
97.5%	41.4	41.4	0.0	0.0%	97.5%	44.2	44.2	0.0	0.0%	97.5%	45.9	45.9	0.0	0.1%	97.5%	47.6	47.6	0.0	0.1%
98.8%	41.2	41.3	0.1	0.2%	98.8%	44.2	44.2	0.0	0.1%	98.8%	45.7	45.7	0.0	0.0%	98.8%	47.5	47.5	0.0	0.0%
100.0%	41.2	41.2	0.0	0.1%	100.0%	44.0	44.0	0.0	-0.1%	100.0%	44.9	45.0	0.0	0.1%	100.0%	47.3	47.3	0.0	0.0%

Table SQ-37-7b
Clear Creek at Igo, Monthly Temperature
Probability of Exceedance

August

September

Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)	Dillici cirioc (70)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (10)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (70)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Dilitarchice (10)
0.0%	59.8	59.7	-0.1	-0.2%	0.0%	73.8	73.2	-0.6	-0.8%	0.0%	65.0	65.0	0.0	0.1%	0.0%	64.2	60.6	-3.6	-5.6%
1.2%	59.8	59.6	-0.2	-0.4%	1.2%	64.9	64.5	-0.3	-0.5%	1.2%	62.4	61.0	-1.4	-2.3%	1.2%	61.7	60.2	-1.5	-2.5%
	59.7	59.3		-0.4%		64.2	64.2				62.1				2.5%	60.0	59.8		
2.5%			-0.4		2.5%			0.0	0.0%	2.5%		60.5	-1.6	-2.6%				-0.2	-0.4%
3.7%	59.7	59.2	-0.5	-0.8%	3.7%	63.7	63.0	-0.7	-1.0%	3.7%	62.0	60.5	-1.5	-2.5%	3.7%	59.6	58.3	-1.3	-2.2%
4.9%	59.6	59.1	-0.5	-0.8%	4.9%	63.0	62.3	-0.7	-1.1%	4.9%	61.0	60.5	-0.6	-0.9%	4.9%	59.1	57.8	-1.4	-2.3%
6.2%	59.2	59.1	-0.1	-0.1%	6.2%	61.9	61.4	-0.6	-0.9%	6.2%	60.8	59.9	-0.9	-1.5%	6.2%	58.6	57.6	-1.0	-1.8%
7.4%	59.1	59.0	-0.1	-0.2%	7.4%	61.9	61.0	-0.9	-1.5%	7.4%	60.6	59.6	-1.0	-1.7%	7.4%	58.3	57.4	-0.9	-1.5%
8.6%	59.0	58.9	-0.1	-0.2%	8.6%	61.6	61.0	-0.7	-1.1%	8.6%	59.5	59.3	-0.2	-0.4%	8.6%	58.1	56.8	-1.3	-2.3%
9.9%	58.9	58.7	-0.2	-0.3%	9.9%	61.3	60.6	-0.7	-1.1%	9.9%	59.4	59.2	-0.2	-0.3%	9.9%	57.9	56.4	-1.5	-2.6%
11.1%	58.7	58.5	-0.2	-0.4%	11.1%	61.3	60.5	-0.8	-1.3%	11.1%	59.4	59.2	-0.2	-0.4%	11.1%	57.7	56.4	-1.3	-2.2%
12.3%	58.5	58.4	-0.1	-0.2%	12.3%	61.0	60.3	-0.7	-1.1%	12.3%	59.2	59.1	-0.2	-0.3%	12.3%	57.7	56.3	-1.4	-2.4%
13.6%	58.4	58.3	-0.1	-0.2%	13.6%	60.3	60.2	-0.1	-0.1%	13.6%	59.1	58.9	-0.2	-0.3%	13.6%	56.7	56.2	-0.5	-0.8%
14.8%	58.2	58.1	-0.1	-0.2%	14.8%	60.3	59.9	-0.4	-0.6%	14.8%	59.0	58.9	-0.1	-0.3%	14.8%	56.5	55.5	-0.9	-1.7%
16.0%	58.1	57.9	-0.2	-0.3%	16.0%	60.2	59.8	-0.3	-0.6%	16.0%	58.9	58.9	-0.1	-0.1%	16.0%	56.1	55.4	-0.7	-1.3%
17.3%	57.7	57.7	0.0	0.0%	17.3%	59.8	59.6	-0.2	-0.3%	17.3%	58.9	58.3	-0.5	-0.9%	17.3%	55.8	55.0	-0.8	-1.5%
18.5%	57.7	57.7	0.0	0.0%	18.5%	59.7	59.4	-0.2	-0.4%	18.5%	58.8	58.3	-0.5	-0.9%	18.5%	55.5	54.9	-0.6	-1.1%
19.8%	57.7	57.6	0.0	-0.1%	19.8%	59.6	59.4	-0.2	-0.3%	19.8%	58.8	58.3	-0.5	-0.9%	19.8%	55.3	54.7	-0.6	-1.0%
												58.3						-0.6	-1.0%
21.0%	57.5	57.5	0.0	0.0%	21.0%	59.6	59.4	-0.2	-0.3%	21.0%	58.4		-0.1	-0.2%	21.0%	54.9	54.6	-0.3	-0.5%
22.2%	57.4	57.3	-0.1	-0.1%	22.2%	59.5	59.4	-0.1	-0.2%	22.2%	58.4	58.2	-0.2	-0.3%	22.2%	54.8	54.6	-0.2	-0.4%
23.5%	57.0	57.3	0.3	0.5%	23.5%	59.4	59.3	-0.1	-0.2%	23.5%	58.3	58.2	-0.2	-0.3%	23.5%	54.8	54.5	-0.2	-0.4%
24.7%	56.9	57.0	0.0	0.1%	24.7%	59.4	59.3	-0.1	-0.2%	24.7%	58.2	58.1	0.0	-0.1%	24.7%	54.7	54.3	-0.4	-0.8%
25.9%	56.9	56.9	0.0	0.0%	25.9%	59.2	59.2	0.0	0.0%	25.9%	58.0	58.1	0.1	0.1%	25.9%	54.6	54.2	-0.5	-0.8%
27.2%	56.8	56.8	0.1	0.1%	27.2%	59.2	59.1	0.0	-0.1%	27.2%	58.0	57.9	-0.1	-0.2%	27.2%	54.6	54.1	-0.5	-0.9%
28.4%	56.6	56.8	0.2	0.3%	28.4%	59.1	59.1	0.0	-0.1%	28.4%	57.9	57.7	-0.2	-0.4%	28.4%	54.4	54.1	-0.4	-0.7%
29.6%	56.6	56.7	0.1	0.2%	29.6%	59.1	59.0	-0.1	-0.1%	29.6%	57.9	57.7	-0.2	-0.4%	29.6%	54.3	54.1	-0.2	-0.4%
30.9%	56.6	56.6	0.1	0.2%	30.9%	59.1	59.0	-0.1	-0.2%	30.9%	57.9	57.6	-0.2	-0.4%	30.9%	54.0	54.0	-0.1	-0.2%
32.1%	56.1	56.6	0.5	0.9%	32.1%	59.0	58.9	-0.1	-0.1%	32.1%	57.7	57.6	-0.1	-0.2%	32.1%	53.9	53.9	-0.1	-0.1%
33.3%	56.1	56.6	0.5	0.8%	33.3%	59.0	58.9	-0.1	-0.1%	33.3%	57.5	57.6	0.0	0.1%	33.3%	53.9	53.9	-0.1	-0.1%
34.6%	55.9	56.1	0.2	0.4%	34.6%	58.8	58.9	0.1	0.1%	34.6%	57.4	57.5	0.0	0.1%	34.6%	53.6	53.6	0.0	0.0%
35.8%	55.7	56.0	0.3	0.4%	35.8%	58.7	58.8	0.1	0.1%	35.8%	57.4	57.4	-0.1	-0.1%	35.8%	53.6	53.6	0.0	0.0%
37.0%	55.7	55.9	0.3	0.4%	37.0%	58.7	58.8	0.0	0.0%	37.0%	57.4	57.3	-0.1	-0.1%	37.0%	53.6	53.5	0.0	0.0%
38.3%	55.6	55.9	0.2	0.4%	38.3%	58.6	58.7	0.1	0.2%	38.3%	57.2	57.3	0.0	0.1%	38.3%	53.5	53.4	-0.2	-0.3%
39.5%	55.6	55.7	0.0	0.1%	39.5%	58.5	58.6	0.1	0.1%	39.5%	57.2	57.2	0.0	0.0%	39.5%	53.5	53.3	-0.2	-0.4%
40.7%	55.6	55.7	0.1	0.2%	40.7%	58.4	58.5	0.1	0.1%	40.7%	57.1	57.2	0.0	0.0%	40.7%	53.3	53.3	-0.1	-0.2%
42.0%	55.5	55.5	0.1	0.1%	42.0%	58.4	58.4	0.0	0.0%	42.0%	57.1	57.1	-0.1	-0.1%	42.0%	53.3	53.2	-0.1	-0.2%
43.2%	55.4	55.5	0.1	0.2%	43.2%	58.4	58.4	0.0	-0.1%	43.2%	57.1	56.9	-0.2	-0.3%	43.2%	53.3	53.1	-0.2	-0.4%
44.4%	55.4	55.5	0.1	0.2%	44.4%	58.4	58.4	0.0	0.0%	44.4%	57.1	56.8	-0.2	-0.4%	44.4%	53.2	53.0	-0.2	-0.4%
45.7%	55.3	55.4	0.2	0.3%	45.7%	58.3	58.4	0.0	0.1%	45.7%	57.0	56.8	-0.2	-0.3%	45.7%	53.2	53.0	-0.2	-0.5%
46.9%	55.2	55.4	0.2	0.3%	46.9%	58.2	58.3	0.1	0.3%	46.9%	56.7	56.8	0.1	0.2%	46.9%	53.2	53.0	-0.3	-0.5%
48.1%	55.2	55.4	0.2	0.3%	48.1%	58.2	58.2	0.1	0.1%	48.1%	56.6	56.7	0.0	0.1%	48.1%	53.0	53.0	-0.1	-0.1%
49.4%	55.1	55.3	0.1	0.3%	49.4%	58.1	58.2	0.1	0.2%	49.4%	56.6	56.6	0.0	0.1%	49.4%	53.0	52.9	-0.1	-0.1%
50.6%	55.1	55.3	0.1	0.2%	50.6%	58.1	58.1	0.0	0.0%	50.6%	56.6	56.6	0.1	0.1%	50.6%	53.0	52.9	0.0	-0.1%
51.9%	55.1	55.1	0.0	0.0%	51.9%	58.0	58.1	0.1	0.1%	51.9%	56.5	56.5	0.0	0.0%	51.9%	52.8	52.9	0.1	0.2%
53.1%	54.9	55.0	0.1	0.2%	53.1%	57.9	58.0	0.1	0.1%	53.1%	56.4	56.4	0.0	0.0%	53.1%	52.8	52.8	0.0	0.0%
54.3%	54.8	54.8	0.0	0.2%	54.3%	57.8	58.0	0.1	0.5%	54.3%	56.4	56.4	0.0	0.0%	54.3%	52.8	52.8	0.0	0.0%
					55.6%														
55.6%	54.8	54.8 54.7	0.0	0.0%		57.7	57.8	0.0 0.1	0.1%	55.6%	56.4	56.4	0.0	0.1%	55.6%	52.7	52.7	0.0	0.0%
56.8%	54.8		-0.1	-0.2%	56.8%	57.4	57.5		0.2%	56.8%	56.3	56.3	0.1	0.1%	56.8%	52.7	52.7	0.0	-0.1%
58.0%	54.7	54.6	0.0	-0.1%	58.0%	57.4	57.4	0.0	0.0%	58.0%	56.3	56.3	0.0	0.0%	58.0%	52.7	52.7	-0.1	-0.1%
59.3%	54.6	54.5	-0.2	-0.3%	59.3%	57.2	57.3	0.1	0.2%	59.3%	56.2	56.2	0.0	0.0%	59.3%	52.7	52.7	0.0	-0.1%
60.5%	54.6	54.3	-0.3	-0.6%	60.5%	57.2	57.2	0.0	0.0%	60.5%	56.2	56.2	0.0	0.0%	60.5%	52.7	52.6	-0.1	-0.1%
61.7%	54.2	54.2	0.0	0.1%	61.7%	57.2	57.2	0.0	0.0%	61.7%	56.2	56.1	-0.1	-0.1%	61.7%	52.6	52.6	0.0	-0.1%
63.0%	54.2	54.2	0.0	0.0%	63.0%	57.2	57.2	0.0	0.0%	63.0%	56.1	56.1	0.0	0.0%	63.0%	52.6	52.5	-0.1	-0.1%
64.2%	54.2	54.2	0.0	-0.1%	64.2%	57.0	57.1	0.2	0.3%	64.2%	56.1	56.1	0.0	0.0%	64.2%	52.5	52.5	0.0	0.0%
65.4%	54.2	54.0	-0.2	-0.3%	65.4%	56.9	57.1	0.2	0.4%	65.4%	56.0	56.0	0.0	0.0%	65.4%	52.5	52.5	0.0	0.0%
66.7%	54.0	54.0	0.0	0.0%	66.7%	56.8	56.9	0.0	0.0%	66.7%	56.0	56.0	0.0	0.0%	66.7%	52.5	52.4	-0.1	-0.1%
67.9%	54.0	54.0	0.0	0.1%	67.9%	56.8	56.9	0.0	0.1%	67.9%	56.0	56.0	-0.1	-0.1%	67.9%	52.4	52.4	0.0	0.0%
69.1%	53.9	53.9	0.0	0.0%	69.1%	56.8	56.9	0.0	0.1%	69.1%	56.0	55.9	0.0	0.0%	69.1%	52.4	52.4	0.0	0.0%
70.4%	53.8	53.8	0.0	0.0%	70.4%	56.7	56.8	0.0	0.2%	70.4%	55.9	55.9	0.0	-0.1%	70.4%	52.3	52.4	0.1	0.2%
71.6%	53.8	53.8	0.0	0.0%	71.6%	56.7	56.8	0.0	0.1%	71.6%	55.9	55.9	0.0	0.0%	71.6%	52.3	52.4	0.1	0.2%
71.6%	53.6	53.7	0.0	0.2%	71.8%	56.7	56.8	0.0	0.1%	72.8%	55.7	55.8	0.0	0.2%	71.6%	52.3	52.4	0.1	0.2%
																			0.270
74.1%	53.4	53.6	0.2	0.4%	74.1%	56.7	56.8	0.0	0.1%	74.1%	55.7	55.7	0.1	0.1%	74.1%	52.2	52.3	0.1	0.2%
75.3%	53.4	53.6	0.2	0.4%	75.3%	56.6	56.7	0.1	0.2%	75.3%	55.6	55.7	0.1	0.2%	75.3%	52.2	52.2	0.1	0.1%
76.5%	53.3	53.4	0.1	0.2%	76.5%	56.6	56.6	0.0	0.0%	76.5%	55.5	55.7	0.2	0.3%	76.5%	52.1	52.2	0.0	0.1%
77.8%	53.3	53.3	0.0	0.1%	77.8%	56.5	56.5	0.0	0.0%	77.8%	55.2	55.6	0.4	0.8%	77.8%	52.1	52.2	0.1	0.2%
79.0%	53.1	52.8	-0.4	-0.7%	79.0%	56.4	56.5	0.1	0.3%	79.0%	55.1	55.5	0.4	0.8%	79.0%	52.0	52.1	0.1	0.2%
80.2%	53.0	52.8	-0.3	-0.5%	80.2%	56.3	56.4	0.1	0.2%	80.2%	55.0	55.5	0.5	1.0%	80.2%	52.0	52.1	0.1	0.2%
81.5%	52.8	52.6	-0.2	-0.4%	81.5%	56.3	56.3	0.0	0.1%	81.5%	54.9	55.5	0.5	1.0%	81.5%	52.0	52.1	0.1	0.2%
82.7%	52.8	52.6	-0.2	-0.4%	82.7%	56.1	56.2	0.0	0.1%	82.7%	54.9	55.4	0.5	0.9%	82.7%	51.9	52.0	0.0	0.1%
84.0%	52.6	52.4	-0.2	-0.3%	84.0%	56.1	56.1	-0.1	-0.1%	84.0%	54.9	55.4	0.5	0.9%	84.0%	51.9	51.9	0.0	0.1%
85.2%	52.4	52.4	0.0	0.0%	85.2%	56.1	56.1	-0.1	-0.1%	85.2%	54.9	55.3	0.3	0.6%	85.2%	51.9	51.9	0.0	0.1%
86.4%	52.4	52.3	-0.1	-0.1%	86.4%	56.0	56.0	0.0	0.0%	86.4%	54.8	55.3	0.5	0.9%	86.4%	51.9	51.9	0.0	0.0%
87.7%	52.2	52.3	0.1	0.3%	87.7%	55.6	55.9	0.0	0.6%	87.7%	54.7	55.3	0.5	0.9%	87.7%	51.7	51.8	0.0	0.3%
	52.2	52.3	0.1	0.3%	88.9%	55.6	55.6	0.0		88.9%	54.7	55.1		0.8%	88.9%	51.6	51.6		0.370
88.9%									0.0%				0.4					0.0	0.1%
90.1%	52.0	52.1	0.1	0.2%	90.1%	55.4	55.2	-0.2	-0.4%	90.1%	54.6	55.0	0.4	0.7%	90.1%	51.6	51.4	-0.1	-0.3%
91.4%	51.7	52.0	0.3	0.5%	91.4%	55.1	55.1	0.0	0.0%	91.4%	54.6	55.0	0.4	0.7%	91.4%	51.6	51.4	-0.2	-0.3%
92.6%	51.6	51.7	0.1	0.2%	92.6%	55.1	55.1	0.0	0.0%	92.6%	54.5	54.7	0.2	0.4%	92.6%	51.4	51.4	0.0	-0.1%
93.8%	51.4	51.0	-0.4	-0.8%	93.8%	54.9	54.9	0.0	0.0%	93.8%	54.5	54.6	0.1	0.1%	93.8%	51.4	51.4	0.0	-0.1%
95.1%	51.0	51.0	0.0	0.0%	95.1%	54.9	54.9	0.0	0.0%	95.1%	54.5	54.5	0.0	0.0%	95.1%	51.1	51.1	0.0	0.0%
96.3%	51.0	51.0	-0.1	-0.1%	96.3%	54.4	54.7	0.2	0.4%	96.3%	54.3	54.5	0.1	0.2%	96.3%	50.9	51.0	0.1	0.2%
97.5%	51.0	50.7	-0.2	-0.4%	97.5%	53.9	53.9	0.0	0.1%	97.5%	54.3	54.3	0.0	0.0%	97.5%	50.9	50.9	0.0	0.1%
98.8%	49.2	49.2	0.0	0.1%	98.8%	53.7	53.3	-0.4	-0.7%	98.8%	53.5	53.7	0.2	0.3%	98.8%	50.7	50.8	0.1	0.2%
100.0%	48.8	48.8	0.0	0.0%	100.0%	52.5	52.5	0.1	0.1%	100.0%	53.3	53.6	0.2	0.5%	100.0%	50.6	50.6	0.0	0.0%
100.070	10.0	10.0	0.0	0.070	100.078	OL.O	02.0	V. 1	0.170	100.070	00.0	00.0	V.L	0.070	100.070	00.0	00.0	0.0	0.070

Table SQ-38-7a Clear Creek at Mouth, Monthly Temperature Long-term Average and Average by Water Year Type

		Long	term Ave	age and A		thly Temp		FG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Mav	Jun	Jul	Aua	Sep
Analysis i criou	OCI	1404	DCC		ig-term	mai	лрі	ividy	Juli	Jui	Aug	Эср
ull Simulation Period ¹				201	ig toiiii							
No Action Alternative	53.5	49.1	43.9	42.6	44.3	47.5	51.3	54.8	59.1	65.6	63.4	57.1
Alternative C	53.3	49.0	43.9	42.6	44.3	47.5	51.2	54.8	59.1	65.5	63.4	56.9
Difference	-0.2	-0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	-0.2
Percent Difference ³	-0.4%	-0.2%	0.0%	0.0%	0.1%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	0.0%	-0.4%
					ear Types							
Vet (32%)												
No Action Alternative	51.5	48.0	43.3	42.2	44.1	46.8	49.9	54.2	58.0	65.4	63.7	56.1
Alternative C	51.6	48.1	43.3	42.1	44.1	46.7	49.8	54.2	58.0	65.3	63.6	56.1
Difference	0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	-0.1	-0.1	0.0
Percent Difference	0.1%	0.0%	0.0%	-0.1%	0.0%	-0.2%	-0.2%	0.0%	0.0%	-0.2%	-0.1%	0.1%
Above Normal (15%)												
No Action Alternative	52.7	48.6	44.0	42.9	44.3	47.3	50.8	55.4	60.3	67.9	64.0	56.7
Alternative C	52.4	48.6	44.0	42.9	44.3	47.3	50.8	55.4	60.1	67.7	63.9	56.3
Difference	-0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.1	-0.1	-0.4
Percent Difference	-0.7%	0.0%	0.1%	-0.1%	0.0%	0.0%	0.1%	0.0%	-0.3%	-0.2%	-0.2%	-0.79
Below Normal (17%)												
No Action Alternative	54.0	49.3	43.9	42.5	43.8	47.3	51.4	55.4	58.6	65.6	63.5	57.2
Alternative C	53.6	49.2	43.9	42.5	43.8	47.3	51.4	55.4	58.6	65.6	63.5	57.0
Difference	-0.4	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2
Percent Difference	-0.7%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.39
Dry (22%)												
No Action Alternative	53.5	49.7	44.2	42.6	44.2	47.9	52.6	54.8	59.1	64.9	62.4	56.8
Alternative C	53.3	49.6	44.1	42.7	44.3	47.9	52.4	54.8	59.2	64.9	62.6	56.7
Difference	-0.2	-0.2	0.0	0.1	0.1	0.0	-0.2	0.1	0.1	0.0	0.2	-0.1
Percent Difference	-0.4%	-0.3%	-0.1%	0.2%	0.2%	-0.1%	-0.4%	0.1%	0.2%	0.1%	0.3%	-0.19
Critical (15%)												
No Action Alternative	58.2	50.5	44.6	43.1	45.4	48.9	52.7	55.0	61.0	64.5	63.4	60.3
Alternative C	57.5	50.3	44.5	43.1	45.4	48.9	52.7	55.0	60.9	64.6	63.5	59.3
Difference	-0.7	-0.3	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	0.1	0.1	-1.0
Percent Difference	-1.2%	-0.6%	-0.1%	0.2%	0.1%	-0.1%	0.0%	-0.1%	-0.1%	0.1%	0.2%	-1.79

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



Figure SQ-38-7b Clear Creek at Mouth, Monthly Temperature Probability of Exceedance

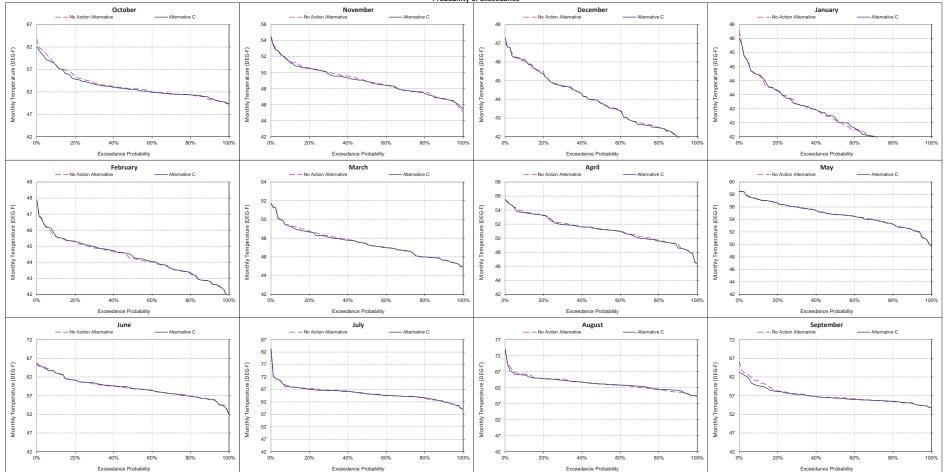


Table SQ-38-7b
Clear Creek at Mouth, Monthly Temperature
Probability of Exceedance

December

January

November

October

Percent		*** ** **			Percent					Percent					Percent		411 11 0		
Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative
Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	63.8	62.1	-1.7	-2.6%	0.0%	54.6	54.3	-0.2	-0.4%	0.0%	47.0	47.3	0.3	0.6%	0.0%	45.8	45.5	-0.3	-0.6%
1.2%	61.8	61.2	-0.6	-0.9%	1.2%	53.6	53.4	-0.2	-0.4%	1.2%	46.8	46.8	0.0	0.0%	1.2%	45.3	45.3	0.0	0.0%
2.5%	61.5	60.5	-1.0	-1.6%	2.5%	53.0	52.8	-0.2	-0.4%	2.5%	46.7	46.8	0.1	0.2%	2.5%	44.9	44.9	0.0	-0.1%
3.7%	61.1	60.0	-1.1	-1.8%	3.7%	52.7	52.8	0.0	0.1%	3.7%	46.5	46.3	-0.2	-0.4%	3.7%	44.7	44.8	0.0	0.1%
4.9%	60.4	59.2	-1.2	-2.0%	4.9%	52.4	52.2	-0.1	-0.2%	4.9%	46.3	46.2	-0.1	-0.1%	4.9%	44.6	44.6	0.1	0.2%
6.2%	59.9	59.0	-0.9	-1.4%	6.2%	52.2	52.1	-0.1	-0.2%	6.2%	46.3	46.2	0.0	-0.1%	6.2%	44.4	44.3	0.0	0.0%
7.4%	59.2	58.7	-0.6	-0.9%	7.4%	51.9	51.8	-0.2	-0.3%	7.4%	46.2	46.2	-0.1	-0.1%	7.4%	44.3	44.3	0.0	0.1%
8.6%	58.7	58.5	-0.1	-0.2%	8.6%	51.5	51.6	0.1	0.3%	8.6%	46.1	46.1	0.1	0.2%	8.6%	44.2	44.2	0.0	0.0%
9.9%	58.1	58.0	-0.1	-0.2%	9.9%	51.4	51.2	-0.2	-0.4%	9.9%	46.1	46.1	0.1	0.2%	9.9%	44.2	44.2	0.0	0.0%
11.1%	57.4	57.3	-0.1	-0.1%	11.1%	51.3	51.2	-0.1	-0.1%	11.1%	46.0	46.0	0.0	0.0%	11.1%	44.1	44.2	0.1	0.1%
12.3%	57.1	57.1	0.1	0.1%	12.3%	51.2	50.9	-0.3	-0.6%	12.3%	45.9	45.9	0.0	-0.1%	12.3%	44.0	44.1	0.1	0.2%
13.6%	57.0	56.9	-0.1	-0.2%	13.6%	51.2	50.8	-0.4	-0.8%	13.6%	45.9	45.8	0.0	-0.1%	13.6%	43.8	44.0	0.2	0.4%
14.8%	56.9	56.1	-0.8	-1.4%	14.8%	50.9	50.8	-0.2	-0.4%	14.8%	45.7	45.7	-0.1	-0.2%	14.8%	43.8	43.8	0.0	0.1%
16.0%	56.8	56.0	-0.8	-1.4%	16.0%	50.8	50.6	-0.1	-0.3%	16.0%	45.6	45.6	0.1	0.2%	16.0%	43.8	43.8	0.0	0.0%
17.3%	56.6	55.7	-0.9	-1.5%	17.3%	50.7	50.6	-0.1	-0.1%	17.3%	45.5	45.5	0.0	0.0%	17.3%	43.7	43.8	0.0	0.0%
18.5%	56.1	55.0	-1.0	-1.8%	18.5%	50.6	50.6	-0.1	-0.2%	18.5%	45.5	45.4	-0.1	-0.2%	18.5%	43.7	43.7	0.0	0.0%
19.8%	55.5	54.9	-0.6	-1.1%	19.8%	50.6	50.5	-0.1	-0.1%	19.8%	45.5	45.4	-0.1	-0.3%	19.8%	43.7	43.6	0.0	-0.1%
21.0%	55.1	54.8	-0.4	-0.7%	21.0%	50.6	50.5	-0.1	-0.2%	21.0%	45.2	45.2	0.0	0.0%	21.0%	43.6	43.6	0.0	0.1%
22.2%	55.0	54.6	-0.4	-0.7%	22.2%	50.4	50.4	0.0	0.0%	22.2%	45.1	45.1	0.0	0.0%	22.2%	43.5	43.5	0.0	0.0%
23.5%	54.9	54.3	-0.5	-1.0%	23.5%	50.4	50.4	-0.1	-0.1%	23.5%	45.0	44.9	0.0	0.0%	23.5%	43.5	43.4	0.0	-0.1%
24.7%	54.7	54.3	-0.4	-0.8%	24.7%	50.3	50.3	0.0	-0.1%	24.7%	44.9	44.9	0.0	-0.1%	24.7%	43.5	43.4	-0.1	-0.2%
25.9%	54.5	54.2	-0.3	-0.6%	25.9%	50.3	50.3	-0.1	-0.1%	25.9%	44.9	44.8	-0.1	-0.1%	25.9%	43.4	43.4	0.0	0.0%
27.2%	54.5	54.1	-0.4	-0.7%	27.2%	50.1	50.2	0.1	0.1%	27.2%	44.8	44.8	0.0	0.0%	27.2%	43.4	43.3	-0.1	-0.1%
28.4%	54.4	53.8	-0.5	-1.0%	28.4%	50.1	50.2	0.1	0.1%	28.4%	44.8	44.7	0.0	-0.1%	28.4%	43.3	43.2	-0.1	-0.3%
29.6%	54.0	53.8	-0.3	-0.5%	29.6%	50.1	49.9	-0.2	-0.4%	29.6%	44.8	44.7	-0.1	-0.1%	29.6%	43.2	43.2	0.0	0.0%
30.9%	53.9	53.6	-0.3	-0.5%	30.9%	50.0	49.7	-0.3	-0.5%	30.9%	44.7	44.7	0.0	0.0%	30.9%	43.1	43.2	0.0	0.0%
32.1%	53.8	53.5	-0.2	-0.4%	32.1%	49.9	49.6	-0.3	-0.7%	32.1%	44.7	44.7	0.0	0.0%	32.1%	43.1	43.1	0.0	0.0%
33.3%	53.7	53.4	-0.3	-0.5%	33.3%	49.9	49.6	-0.3	-0.6%	33.3%	44.7	44.7	0.0	-0.1%	33.3%	43.1	43.1	0.0	0.0%
34.6%	53.5	53.3	-0.2	-0.3%	34.6%	49.8	49.6	-0.3	-0.5%	34.6%	44.7	44.6	-0.1	-0.2%	34.6%	43.1	43.1	0.0	0.0%
35.8%	53.5	53.3	-0.1	-0.2%	35.8%	49.7	49.6	-0.1	-0.3%	35.8%	44.5	44.5	0.0	0.0%	35.8%	43.0	43.1	0.1	0.2%
37.0%	53.4	53.2	-0.2	-0.4%	37.0%	49.6	49.5	-0.1	-0.2%	37.0%	44.4	44.5	0.0	0.0%	37.0%	43.0	43.0	0.0	0.0%
38.3%	53.3	53.2	-0.2	-0.3%	38.3%	49.6	49.4	-0.2	-0.3%	38.3%	44.4	44.4	0.0	-0.1%	38.3%	43.0	43.0	0.0	0.0%
39.5%	53.3	53.0	-0.2	-0.4%	39.5%	49.6	49.3	-0.2	-0.5%	39.5%	44.3	44.3	0.0	0.1%	39.5%	43.0	43.0	0.0	0.0%
40.7%	53.2	53.0	-0.2	-0.4%	40.7%	49.6	49.3	-0.3	-0.5%	40.7%	44.2	44.2	0.0	0.0%	40.7%	42.9	42.9	0.0	0.0%
42.0%	53.1	52.9	-0.2	-0.3%	42.0%	49.5	49.2	-0.3	-0.6%	42.0%	44.2	44.1	0.0	0.0%	42.0%	42.9	42.9	0.0	0.0%
43.2%	53.0	52.9	-0.1	-0.2%	43.2%	49.4	49.2	-0.3	-0.5%	43.2%	44.1	44.0	0.0	-0.1%	43.2%	42.8	42.9	0.0	0.1%
44.4%	53.0	52.8	-0.2	-0.4%	44.4%	49.4	49.1	-0.3	-0.5%	44.4%	44.0	44.0	0.0	0.0%	44.4%	42.8	42.9	0.1	0.3%
45.7%	52.9	52.7	-0.2	-0.4%	45.7%	49.2	49.1	-0.1	-0.2%	45.7%	44.0	44.0	0.0	0.1%	45.7%	42.7	42.8	0.0	0.1%
46.9%	52.8	52.6	-0.2	-0.3%	46.9%	49.1	49.1	-0.1	-0.1%	46.9%	44.0	44.0	0.0	0.0%	46.9%	42.7	42.8	0.0	0.1%
48.1%	52.8	52.6	-0.2	-0.4%	48.1%	49.1	49.0	-0.1	-0.1%	48.1%	43.9	44.0	0.0	0.1%	48.1%	42.7	42.7	0.1	0.1%
49.4%	52.8	52.6	-0.2	-0.3%	49.4%	48.9	49.0	0.1	0.1%	49.4%	43.9	43.8	0.0	-0.1%	49.4%	42.6	42.7	0.1	0.2%
50.6%	52.7	52.5	-0.2	-0.5%	50.6%	48.8	48.8	0.0	0.0%	50.6%	43.7	43.8	0.0	0.1%	50.6%	42.6	42.6	0.1	0.1%
51.9%	52.7	52.5	-0.2	-0.5%	51.9%	48.8	48.8	0.0	0.0%	51.9%	43.7	43.7	0.0	0.1%	51.9%	42.5	42.5	0.0	0.0%
53.1%	52.6	52.3	-0.3	-0.7%	53.1%	48.8	48.6	-0.2	-0.3%	53.1%	43.6	43.6	0.0	0.0%	53.1%	42.5	42.5	0.0	0.0%
54.3%	52.6	52.2	-0.4	-0.7%	54.3%	48.7	48.6	-0.1	-0.3%	54.3%	43.6	43.5	0.0	-0.1%	54.3%	42.4	42.5	0.1	0.2%
55.6%	52.6	52.2	-0.4	-0.8%	55.6%	48.6	48.6	-0.1	-0.2%	55.6%	43.6	43.5	0.0	-0.1%	55.6%	42.4	42.5	0.1	0.2%
56.8%	52.4	52.2	-0.3	-0.5%	56.8%	48.6	48.5	-0.1	-0.2%	56.8%	43.5	43.5	0.0	0.0%	56.8%	42.4	42.5	0.1	0.3%
58.0%	52.3	52.1	-0.3	-0.5%	58.0%	48.6	48.5	-0.1	-0.3%	58.0%	43.5	43.5	0.0	-0.1%	58.0%	42.3	42.4	0.1	0.2%
59.3%	52.2	51.9	-0.2	-0.4%	59.3%	48.5	48.4	-0.1	-0.1%	59.3%	43.4	43.4	0.0	0.0%	59.3%	42.3	42.3	0.1	0.2%
60.5%	51.9	51.9	-0.1	-0.2%	60.5%	48.4	48.4	0.0	0.0%	60.5%	43.4	43.3	0.0	-0.1%	60.5%	42.3	42.3	0.0	0.1%
61.7%	51.9	51.8	-0.1	-0.2%	61.7%	48.4	48.4	0.0	0.1%	61.7%	43.0	43.0	0.0	0.0%	61.7%	42.3	42.2	0.0	-0.1%
63.0%	51.8	51.8	0.0	-0.1%	63.0%	48.1	48.4	0.2	0.5%	63.0%	43.0	43.0	0.0	0.0%	63.0%	42.2	42.2	0.0	0.0%
64.2%	51.8	51.8	0.0	-0.1%	64.2%	48.1	48.3	0.2	0.4%	64.2%	42.9	42.9	0.0	0.0%	64.2%	42.2	42.1	-0.1	-0.3%
65.4%	51.8	51.7	-0.1	-0.2%	65.4%	48.1	48.1	0.0	0.0%	65.4%	42.9	42.9	0.0	0.0%	65.4%	42.1	42.1	-0.1	-0.2%
66.7%	51.7	51.7	-0.1	-0.2%	66.7%	47.9	47.9	0.0	-0.1%	66.7%	42.8	42.8	0.0	0.0%	66.7%	42.1	42.0	0.0	0.0%
67.9%	51.7	51.6	-0.1	-0.2%	67.9%	47.9	47.8	0.0	0.0%	67.9%	42.8	42.8	0.0	0.0%	67.9%	42.0	42.0	0.0	0.0%
69.1%	51.7	51.5	-0.1	-0.2%	69.1%	47.8	47.8	0.1	0.1%	69.1%	42.8	42.7	-0.1	-0.2%	69.1%	42.0	42.0	0.0	0.0%
70.4%	51.6	51.5	-0.1	-0.2%	70.4%	47.8	47.8	0.0	0.1%	70.4%	42.7	42.6	-0.1	-0.2%	70.4%	42.0	42.0	0.0	0.0%
71.6%	51.6	51.5	-0.1	-0.2%	71.6%	47.7	47.7	0.0	0.0%	71.6%	42.7	42.6	-0.1	-0.2%	71.6%	41.9	42.0	0.1	0.1%
72.8%	51.5	51.5	0.0	-0.1%	72.8%	47.7	47.7	0.0	-0.1%	72.8%	42.7	42.6	0.0	-0.1%	72.8%	41.9	41.9	0.0	0.0%
74.1%	51.5	51.4	0.0	-0.1%	74.1%	47.7	47.6	0.0	-0.1%	74.1%	42.7	42.6	0.0	-0.1%	74.1%	41.8	41.8	0.0	-0.1%
75.3%	51.5	51.4	0.0	-0.1%	75.3%	47.7	47.6	0.0	0.0%	75.3%	42.7	42.6	0.0	-0.1%	75.3%	41.8	41.8	0.0	0.0%
76.5%	51.5	51.4	-0.1	-0.1%	76.5%	47.6	47.6	-0.1	-0.2%	76.5%	42.6	42.5	-0.1	-0.2%	76.5%	41.7	41.8	0.0	0.1%
77.8%	51.5	51.4	-0.1	-0.2%	77.8%	47.6	47.6	-0.1	-0.2%	77.8%	42.6	42.5	-0.1	-0.2%	77.8%	41.7	41.7	0.0	0.0%
79.0%	51.4	51.4	-0.1	-0.1%	79.0%	47.6	47.5	0.0	-0.1%	79.0%	42.5	42.5	0.0	-0.1%	79.0%	41.6	41.7	0.1	0.2%
80.2%	51.4	51.3	0.0	-0.1%	80.2%	47.5	47.4	-0.2	-0.4%	80.2%	42.5	42.5	0.0	0.0%	80.2%	41.6	41.6	0.0	-0.1%
81.5%	51.2	51.3	0.1	0.1%	81.5%	47.5	47.3	-0.3	-0.6%	81.5%	42.4	42.5	0.0	0.1%	81.5%	41.5	41.5	0.0	0.0%
82.7%	51.1	51.2	0.2	0.3%	82.7%	47.4	47.1	-0.2	-0.5%	82.7%	42.4	42.4	0.0	0.0%	82.7%	41.4	41.4	0.0	0.0%
84.0%	51.1	51.2	0.2	0.3%	84.0%	47.1	47.1	0.0	-0.1%	84.0%	42.3	42.3	0.1	0.1%	84.0%	41.4	41.4	0.0	0.0%
85.2%	51.0	51.2	0.2	0.4%	85.2%	47.1	46.9	-0.2	-0.4%	85.2%	42.3	42.3	0.0	0.1%	85.2%	41.3	41.3	0.0	0.1%
86.4%	50.9	51.0	0.1	0.2%	86.4%	46.9	46.9	0.0	-0.1%	86.4%	42.3	42.3	0.0	0.0%	86.4%	41.2	41.2	0.1	0.1%
87.7%	50.9	50.9	0.1	0.1%	87.7%	46.8	46.8	0.0	0.1%	87.7%	42.1	42.2	0.0	0.1%	87.7%	41.0	41.2	0.2	0.5%
88.9%	50.4	50.9	0.5	1.0%	88.9%	46.8	46.8	0.0	-0.1%	88.9%	42.1	42.1	0.0	0.0%	88.9%	41.0	41.0	0.0	0.0%
90.1%	50.3	50.6	0.3	0.5%	90.1%	46.8	46.7	-0.1	-0.2%	90.1%	41.9	42.0	0.1	0.3%	90.1%	40.9	40.9	0.0	0.0%
91.4%	50.2	50.5	0.3	0.6%	91.4%	46.7	46.7	0.0	0.0%	91.4%	41.8	41.9	0.1	0.3%	91.4%	40.8	40.9	0.1	0.2%
92.6%	50.1	50.2	0.1	0.2%	92.6%	46.6	46.6	0.0	0.0%	92.6%	41.8	41.7	0.0	-0.1%	92.6%	40.5	40.8	0.3	0.7%
93.8%	50.0	50.1	0.1	0.2%	93.8%	46.6	46.6	0.0	0.0%	93.8%	41.7	41.7	0.0	-0.1%	93.8%	40.5	40.5	0.0	-0.1%
95.1%	49.9	49.9	0.1	0.1%	95.1%	46.5	46.4	-0.1	-0.3%	95.1%	41.7	41.7	0.0	-0.1%	95.1%	40.4	40.4	0.1	0.2%
96.3%	49.8	49.8	0.0	0.0%	96.3%	46.1	46.2	0.1	0.2%	96.3%	41.7	41.7	0.0	0.0%	96.3%	40.3	40.2	-0.1	-0.3%
97.5%	49.7	49.8	0.0	0.0%	97.5%	45.7	46.0	0.3	0.7%	97.5%	41.5	41.6	0.1	0.1%	97.5%	40.0	40.1	0.1	0.3%
98.8%	49.6	49.4	-0.3	-0.5%	98.8%	45.6	45.7	0.1	0.3%	98.8%	41.5	41.3	-0.1	-0.3%	98.8%	39.7	39.6	-0.1	-0.2%
100.0%	49.3	49.3	0.0	0.0%	100.0%	45.1	45.5	0.4	1.0%	100.0%	40.7	40.7	0.0	0.0%	100.0%	39.1	39.1	0.0	0.0%
70					70														

Table SQ-38-7b
Clear Creek at Mouth, Monthly Temperature
Probability of Exceedance

April

May

March

February

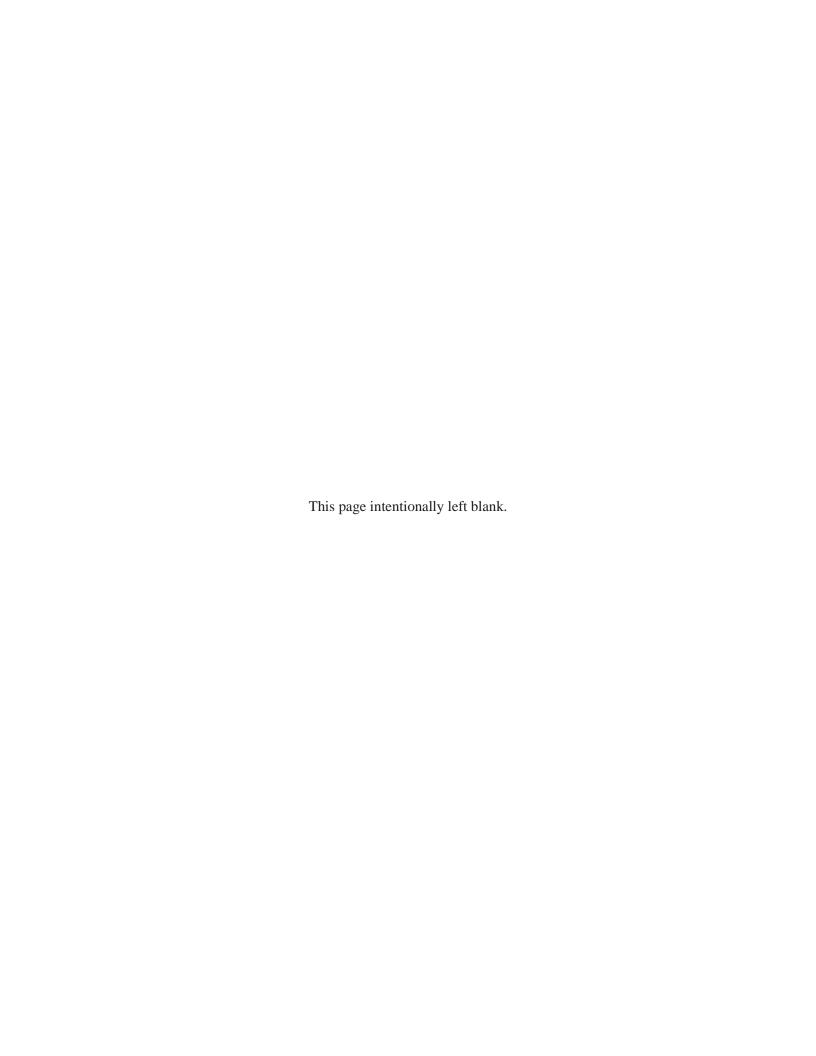
Percent		rebluary			Percent		March		-	Percent		Aprii			Percent		May		
Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)				(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	47.9	47.9	0.0	0.0%	0.0%	51.7	51.7	0.0	0.0%	0.0%	55.4	55.6	0.1	0.2%	0.0%	58.5	58.5	0.0	0.0%
1.2%	46.9	46.9	0.0	-0.1%	1.2%	51.3	51.3	0.1	0.1%	1.2%	55.3	55.1	-0.1	-0.3%	1.2%	58.5	58.5	0.0	0.0%
2.5%	46.8	46.7	-0.1	-0.2%	2.5%	51.1	51.3	0.1	0.3%	2.5%	54.8	54.8	0.0	0.0%	2.5%	58.5	58.5	0.0	0.0%
3.7% 4.9%	46.4 46.2	46.4 46.2	0.0	0.0%	3.7% 4.9%	50.1	50.1 50.0	0.0	-0.1% -0.1%	3.7% 4.9%	54.6 54.4	54.7 54.3	0.1 -0.1	0.1%	3.7% 4.9%	57.8 57.8	57.8 57.6	-0.2	0.0%
				-0.1%		50.0										57.8 57.6			-0.3%
6.2% 7.4%	46.1 45.9	46.2 46.1	0.0	0.1% 0.5%	6.2% 7.4%	49.9 49.4	49.9 49.4	0.0	0.0%	6.2% 7.4%	54.3 53.9	53.8 53.7	-0.5 -0.2	-0.9% -0.3%	6.2% 7.4%	57.6 57.5	57.5 57.4	-0.1 -0.1	-0.2% -0.2%
8.6%	45.7	45.9	0.3	0.3%	8.6%	49.4	49.4	0.0	-0.1%	8.6%	53.9	53.7	-0.2	-0.4%	8.6%	57.5 57.4	57.4	0.0	0.0%
9.9%	45.6	45.6	0.0	0.0%	9.9%	49.4	49.3	-0.1	-0.3%	9.9%	53.8	53.7	-0.2	-0.3%	9.9%	57.1	57.2	0.0	0.2%
11.1%	45.5	45.5	0.0	0.1%	11.1%	49.3	49.2	-0.1	-0.2%	11.1%	53.7	53.6	-0.1	-0.2%	11.1%	57.1	57.1	0.1	0.1%
12.3%	45.5	45.5	0.0	0.0%	12.3%	49.2	49.0	-0.2	-0.4%	12.3%	53.7	53.5	-0.2	-0.3%	12.3%	57.0	57.0	0.0	0.0%
13.6%	45.5	45.5	0.0	0.0%	13.6%	49.2	48.9	-0.3	-0.6%	13.6%	53.5	53.5	0.0	-0.1%	13.6%	57.0	57.0	0.0	0.0%
14.8%	45.4	45.4	-0.1	-0.1%	14.8%	49.1	48.9	-0.2	-0.4%	14.8%	53.5	53.4	-0.1	-0.1%	14.8%	57.0	57.0	0.0	0.0%
16.0%	45.4	45.4	0.0	0.0%	16.0%	49.0	48.8	-0.2	-0.4%	16.0%	53.4	53.4	0.0	-0.1%	16.0%	56.9	56.9	0.0	0.0%
17.3%	45.3	45.3	0.0	0.0%	17.3%	49.0	48.8	-0.2	-0.4%	17.3%	53.4	53.4	0.0	0.0%	17.3%	56.9	56.9	0.0	0.0%
18.5%	45.3	45.3	0.0	0.0%	18.5%	48.8	48.7	-0.1	-0.2%	18.5%	53.4	53.3	0.0	-0.1%	18.5%	56.7	56.7	0.0	0.0%
19.8%	45.3	45.3	0.0	-0.1%	19.8%	48.8	48.7	-0.1	-0.2%	19.8%	53.3	53.2	-0.1	-0.2%	19.8%	56.5	56.7	0.2	0.3%
21.0%	45.2	45.3	0.1	0.1%	21.0%	48.7	48.6	0.0	-0.1%	21.0%	53.2	53.2	0.0	0.0%	21.0%	56.5	56.5	0.0	0.0%
22.2%	45.1 45.1	45.2	0.1	0.2%	22.2%	48.6 48.6	48.6 48.3	-0.1	-0.1%	22.2% 23.5%	53.1	52.8 52.8	-0.2	-0.5% 0.5%	22.2%	56.3 56.3	56.4 56.4	0.1	0.2%
23.5% 24.7%	45.1 45.1	45.2 45.1	0.0	0.1%	23.5% 24.7%	48.5	48.3	-0.3 -0.2	-0.5% -0.4%	24.7%	52.5 52.4	52.5	0.3	0.3%	23.5% 24.7%	56.2	56.3	0.1	0.2%
25.9%	45.1 45.0	45.1 45.1	0.1	0.1%	25.9%	48.5 48.4	48.3 48.3	-0.2	-0.4%	24.7% 25.9%	52.4 52.3	52.5 52.1	-0.1	-0.2%	24.7% 25.9%	56.2	56.2	0.0	0.0%
27.2%	45.0	45.1	0.1	0.1%	27.2%	48.3	48.2	-0.1	-0.2%	27.2%	52.2	52.1	-0.1	-0.2%	27.2%	56.1	56.1	0.0	0.1%
28.4%	44.9	45.0	0.1	0.2%	28.4%	48.3	48.2	-0.1	-0.2%	28.4%	52.2	52.0	-0.1	-0.5%	28.4%	56.0	56.1	0.0	0.0%
29.6%	44.9	45.0	0.1	0.2%	29.6%	48.3	48.1	-0.1	-0.4%	29.6%	52.1	51.9	-0.2	-0.4%	29.6%	56.0	56.0	0.0	0.0%
30.9%	44.9	44.9	0.1	0.2%	30.9%	48.3	48.1	-0.2	-0.5%	30.9%	52.1	51.9	-0.2	-0.4%	30.9%	56.0	55.9	-0.1	-0.2%
32.1%	44.9	44.9	0.0	0.0%	32.1%	48.1	48.0	-0.1	-0.3%	32.1%	52.1	51.9	-0.2	-0.4%	32.1%	55.9	55.9	0.0	0.0%
33.3%	44.8	44.9	0.0	0.1%	33.3%	48.1	48.0	-0.1	-0.3%	33.3%	52.0	51.9	-0.1	-0.2%	33.3%	55.9	55.8	-0.1	-0.1%
34.6%	44.8	44.8	0.0	0.1%	34.6%	48.1	47.9	-0.1	-0.2%	34.6%	51.9	51.8	-0.1	-0.2%	34.6%	55.8	55.8	0.0	0.0%
35.8%	44.8	44.8	0.1	0.1%	35.8%	48.0	47.9	-0.1	-0.1%	35.8%	51.8	51.8	0.0	-0.1%	35.8%	55.7	55.7	-0.1	-0.1%
37.0%	44.7	44.8	0.0	0.1%	37.0%	48.0	47.8	-0.2	-0.3%	37.0%	51.8	51.7	-0.1	-0.1%	37.0%	55.7	55.6	-0.1	-0.2%
38.3%	44.7	44.8	0.0	0.1%	38.3%	47.9	47.8	-0.1	-0.2%	38.3%	51.8	51.6	-0.1	-0.2%	38.3%	55.6	55.6	0.0	0.0%
39.5%	44.7	44.7	0.0	0.0%	39.5%	47.8	47.8	-0.1	-0.1%	39.5%	51.6	51.6	0.0	-0.1%	39.5%	55.5	55.5	0.0	0.0%
40.7% 42.0%	44.6 44.6	44.7 44.6	0.1	0.2% 0.0%	40.7% 42.0%	47.8 47.8	47.8 47.7	0.0 -0.1	-0.1% -0.1%	40.7% 42.0%	51.6 51.6	51.6 51.6	0.0	0.0%	40.7% 42.0%	55.2 55.2	55.4 55.2	0.1	0.3%
42.0%	44.6 44.6	44.6 44.6	0.0	0.0%	43.2%	47.8 47.7	47.7 47.7	-0.1	-0.1%	43.2%	51.6 51.6	51.6 51.6	0.0	0.0%	43.2%	55.2 55.1	55.2 55.2	0.0	0.0%
44.4%	44.6	44.6	0.0	0.0%	44.4%	47.6	47.6	0.0	0.0%	44.4%	51.6	51.6	0.0	0.0%	44.4%	54.9	55.1	0.1	0.4%
45.7%	44.5	44.6	0.0	0.1%	45.7%	47.6	47.5	0.0	0.0%	45.7%	51.4	51.5	0.0	0.0%	45.7%	54.9	55.0	0.0	0.0%
46.9%	44.4	44.6	0.1	0.3%	46.9%	47.5	47.5	0.0	0.0%	46.9%	51.4	51.4	0.0	0.0%	46.9%	54.9	54.9	0.0	0.0%
48.1%	44.3	44.5	0.3	0.6%	48.1%	47.5	47.5	0.0	0.0%	48.1%	51.3	51.4	0.1	0.1%	48.1%	54.9	54.9	0.0	0.0%
49.4%	44.3	44.4	0.2	0.4%	49.4%	47.5	47.5	0.0	0.0%	49.4%	51.2	51.3	0.1	0.2%	49.4%	54.9	54.8	-0.1	-0.1%
50.6%	44.2	44.3	0.1	0.1%	50.6%	47.2	47.3	0.0	0.1%	50.6%	51.2	51.2	0.0	0.0%	50.6%	54.8	54.8	-0.1	-0.1%
51.9%	44.2	44.3	0.1	0.2%	51.9%	47.2	47.2	0.0	0.0%	51.9%	51.2	51.2	0.0	0.0%	51.9%	54.8	54.8	0.0	0.0%
53.1%	44.2	44.2	0.1	0.2%	53.1%	47.2	47.2	0.0	0.0%	53.1%	51.1	51.2	0.1	0.1%	53.1%	54.8	54.7	0.0	0.0%
54.3%	44.1	44.2	0.1	0.2%	54.3%	47.2	47.2	0.0	0.0%	54.3%	51.1	51.1	0.0	0.0%	54.3%	54.7	54.7	0.0	0.0%
55.6%	44.1	44.2	0.1	0.2%	55.6%	47.1	47.1	0.0	0.0%	55.6%	51.1	51.1	0.0	0.0%	55.6%	54.7	54.7	0.0	-0.1%
56.8%	44.1	44.1	0.1	0.2%	56.8%	47.1	47.1	0.0	0.0%	56.8%	51.1	51.1	0.0	0.0%	56.8%	54.7	54.7	0.0	0.0%
58.0% 59.3%	44.1 44.0	44.1 44.1	0.0	0.1%	58.0% 59.3%	47.0 47.0	47.1 47.0	0.1	0.2%	58.0% 59.3%	51.1 50.9	51.0 51.0	0.0	0.0%	58.0% 59.3%	54.6 54.6	54.6 54.6	0.0	0.0%
60.5%	44.0	44.1	0.0	0.1%	60.5%	47.0	47.0	0.0	0.0%	60.5%	50.9	50.9	0.1	0.2%	60.5%	54.6	54.6	0.0	0.0%
61.7%	43.9	44.0	0.1	0.1%	61.7%	47.0	47.0	0.0	0.0%	61.7%	50.8	50.9	0.0	0.1%	61.7%	54.4	54.4	0.0	0.0%
63.0%	43.9	43.9	0.0	0.1%	63.0%	46.9	46.9	0.0	-0.1%	63.0%	50.6	50.6	0.0	0.0%	63.0%	54.4	54.3	-0.1	-0.1%
64.2%	43.8	43.9	0.0	0.1%	64.2%	46.9	46.9	0.0	0.0%	64.2%	50.6	50.6	-0.1	-0.2%	64.2%	54.3	54.3	0.0	-0.1%
65.4%	43.8	43.8	0.0	0.0%	65.4%	46.8	46.8	0.0	0.0%	65.4%	50.6	50.5	-0.1	-0.2%	65.4%	54.2	54.1	-0.2	-0.4%
66.7%	43.8	43.8	0.0	0.1%	66.7%	46.7	46.8	0.0	0.0%	66.7%	50.6	50.4	-0.2	-0.4%	66.7%	54.1	54.0	-0.1	-0.2%
67.9%	43.7	43.8	0.0	0.1%	67.9%	46.7	46.7	0.0	0.1%	67.9%	50.5	50.2	-0.3	-0.7%	67.9%	54.1	54.0	-0.1	-0.1%
69.1%	43.6	43.6	0.0	0.0%	69.1%	46.6	46.7	0.1	0.1%	69.1%	50.4	50.1	-0.3	-0.5%	69.1%	54.1	54.0	-0.1	-0.1%
70.4%	43.6	43.6	-0.1	-0.2%	70.4%	46.6	46.7	0.0	0.1%	70.4%	50.2	50.0	-0.2	-0.5%	70.4%	53.9	53.9	-0.1	-0.1%
71.6%	43.5	43.5	0.0	0.0%	71.6%	46.6	46.6	0.0	0.0%	71.6%	50.2	50.0	-0.2	-0.5%	71.6%	53.9	53.9	0.0	0.0%
72.8% 74.1%	43.5 43.5	43.5 43.5	0.0	0.0%	72.8% 74.1%	46.6 46.4	46.6 46.4	0.0	0.0%	72.8% 74.1%	50.2 50.1	50.0 49.9	-0.2 -0.2	-0.5% -0.5%	72.8% 74.1%	53.7 53.7	53.7 53.7	0.0	0.0%
74.1% 75.3%	43.5 43.4	43.5 43.5	0.0	0.0%	74.1% 75.3%	46.4 46.1	46.4 46.1	0.0	-0.1%		50.1 50.0	49.9 49.8	-0.2 -0.2	-0.5%	74.1% 75.3%	53.7 53.6	53.7 53.7	0.0	0.1%
76.5%	43.4	43.4	0.0	0.1%	76.5%	46.1	46.1	0.0	0.1%	75.3% 76.5%	49.9	49.8	-0.2	-0.4%	76.5%	53.4	53.4	0.0	0.0%
77.8%	43.4	43.4	0.0	0.0%	77.8%	46.0	46.0	0.0	0.1%	77.8%	49.8	49.8	0.0	-0.1%	77.8%	53.4	53.4	0.0	0.0%
79.0%	43.4	43.4	0.0	0.1%	79.0%	46.0	46.0	0.0	0.0%	79.0%	49.8	49.6	-0.2	-0.4%	79.0%	53.4	53.4	0.0	-0.1%
80.2%	43.3	43.3	-0.1	-0.2%	80.2%	46.0	46.0	0.0	0.0%	80.2%	49.6	49.6	0.0	0.0%	80.2%	53.2	53.2	0.0	0.0%
81.5%	43.2	43.2	0.0	0.0%	81.5%	46.0	46.0	0.0	0.0%	81.5%	49.6	49.6	0.0	0.0%	81.5%	52.9	53.0	0.1	0.1%
82.7%	43.1	43.2	0.1	0.1%	82.7%	46.0	45.9	0.0	0.0%	82.7%	49.5	49.5	0.1	0.2%	82.7%	52.9	52.8	-0.2	-0.3%
84.0%	42.9	42.9	0.0	0.0%	84.0%	45.9	45.9	0.0	-0.1%	84.0%	49.4	49.4	0.0	0.0%	84.0%	52.9	52.7	-0.2	-0.3%
85.2%	42.9	42.9	0.0	0.0%	85.2%	45.9	45.9	0.0	0.0%	85.2%	49.4	49.4	0.0	0.0%	85.2%	52.7	52.7	0.0	0.0%
86.4%	42.9	42.9	0.0	0.0%	86.4%	45.9	45.9	0.0	0.0%	86.4%	49.3	49.3	0.0	0.0%	86.4%	52.7	52.7	0.0	0.0%
87.7%	42.9	42.8	0.0	0.0%	87.7%	45.8	45.9	0.0	0.1%	87.7%	49.3	49.2	-0.1	-0.1%	87.7%	52.5	52.6	0.0	0.0%
88.9%	42.9	42.8	0.0	0.0%	88.9%	45.7	45.7	0.0	0.0%	88.9%	49.2	49.1	-0.1	-0.2%	88.9%	52.5	52.5	0.0	0.0%
90.1%	42.8	42.8	0.0	-0.1%	90.1%	45.7	45.6	0.0	-0.1%	90.1%	49.2	48.6	-0.6	-1.1%	90.1%	52.3	52.3	-0.1	-0.1%
91.4% 92.6%	42.6 42.6	42.6 42.6	0.0	0.0%	91.4% 92.6%	45.6 45.4	45.6 45.6	0.0	0.0%	91.4% 92.6%	48.6 48.4	48.6 48.5	0.0 0.1	0.0%	91.4% 92.6%	52.1 52.1	52.2 52.1	0.1 0.0	0.2%
93.8%	42.5	42.6	0.0	0.0%	93.8%	45.4 45.4	45.4	0.1	0.3%	93.8%	48.3	48.4	0.0	0.3%	93.8%	51.8	52.1	0.0	0.1%
93.8%	42.5 42.5	42.5 42.5	0.1	0.2%	95.1%	45.4 45.4	45.4 45.4	0.0	0.1%	95.1%	48.3 48.2	48.4 48.3	0.0	0.1%	95.1%	51.8 51.1	52.1 51.2	0.2	0.5%
96.3%	42.4	42.4	0.0	0.0%	96.3%	45.3	45.3	0.0	0.1%	96.3%	48.0	47.9	-0.1	-0.2%	96.3%	50.9	50.9	0.0	0.0%
97.5%	42.2	42.2	0.0	0.0%	97.5%	45.2	45.2	0.0	0.1%	97.5%	47.9	47.9	0.0	-0.1%	97.5%	50.8	50.8	0.0	0.0%
98.8%	41.9	41.9	0.0	0.0%	98.8%	45.0	44.9	0.0	-0.1%	98.8%	46.5	46.6	0.0	0.1%	98.8%	50.1	50.1	0.0	0.1%
100.0%	41.5	41.5	0.0	0.0%	100.0%	44.9	44.9	0.0	0.0%	100.0%	46.4	46.4	0.0	0.0%	100.0%	49.7	49.7	0.0	0.0%

Table SQ-38-7b
Clear Creek at Mouth, Monthly Temperature
Probability of Exceedance

August

September

Part	Percent	No Action Alternative	Alternative C	Absolute		Percent	No Action Alternative	Alternative C	Absolute		Percent	No Action Alternative	Alternative C	Absolute		Percent	No Action Alternative	Alternative C	Absolute	
Second	Exceedance				Relative	Exceedance				Relative					Relative		·			Relative
Color				(DEG-F)	Dillerence (%)				(DEG-F)	Difference (%)				(DEG-F)	Difference (%)				(DEG-F)	Difference (%)
1	0.0%			-0.4	-0.6%	0.0%			-0.4	-0.5%	0.0%			0.1	0.1%	0.0%			-2.9	-4.4%
Section Sect																				
Color																				-0.9%
Column																				
1.		64.2																		
1.00	7.4%					7.4%				-1.0%	7.4%					7.4%				-2.0%
1																				
1.50 1.50																				
March Marc				-0.1		12.3%								-0.4					-0.9	
1.6	13.6%			0.0	0.0%	13.6%			0.0	0.0%				-0.5		13.6%		59.2	-0.8	-1.4%
97.0 013																				
Mint						16.0%			-0.1	-0.2%									-0.8	-1.4%
14 15 15 15 15 15 15 15																				
22.50 6.5	19.8%	61.2	61.2	0.0	0.0%	19.8%	67.4	67.0	-0.4	-0.6%	19.8%	64.9	64.9	0.0	-0.1%	19.8%	58.2	58.1	-0.1	-0.2%
2.25																21.0%				-0.2%
A-17	22.2%					22.2%			-0.4		22.2%					22.2%			-0.1	-0.2%
\$2.55																				
246. 603 023 024. 246. 648 648 041 025. 246. 247. 442 023 026. 246. 247. 026.						25.9%								-0.1		25.9%				-0.2%
Sept. Col.												64.7								
2006. 201 202 201 202 201 202 201 202 201 202 201 202 20																				
20 10 10 10 10 10 10 10																				
23.55	32.1%	60.0	60.1	0.1	0.2%	32.1%	66.6	66.5	-0.1	-0.2%	32.1%	64.3	64.2	-0.2	-0.3%	32.1%	57.5	57.3	-0.1	-0.2%
20.05 56.7 58.8 0.2 0.75 0.56 0.61						33.3%										33.3%			0.0	0.0%
3700. 98.6 98.9 99.7 0.2 0.3% 92.0% 06.5 06.3 0.2 0.3% 92.0% 06.4 06.1 0.2 0.2 0.3% 92.0% 06.4 06.1 0.2 0.2 0.3% 92.0% 06.4 06.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2																				
Name		59.7 59.6		0.2		35.8%			-0.2	-0.3%	35.8%					35.8%		57.0	-0.2 -0.1	
20.50																				
4-076	39.5%	59.5	59.7	0.2	0.3%	39.5%	66.4	66.1	-0.3	-0.4%	39.5%	63.7	63.8	0.0	0.0%	39.5%	56.8	56.9	0.0	0.1%
4.2% 993 995 02 0.3% 4.2% 660 669 4.1 0.2% 4.2% 661 00 0.0% 4.2% 56.6 566 00 0.0% 4.2% 66.7 0.2% 64.7% 63.3 63.4 0.1% 4.5% 66.6 56.6 56.0 0.0 0.0% 4.0% 60.0 0.0% 4.0% 60.0 0.0% 4.0% 60.0 0.0% 4.0% 60.0 0.0% 4.0% 60.0 0.0% 4.0% 60.0 0.0% 4.0% 60.0 0.0% 4.0% 60.0 0.0% 4.0% 60.0 0.0% 4.0% 60.0 0.0% 4.0% 60.0 0.0% 4.0% 60.0 0.0% 4.0% 60.0 0.0% 4.0% 60.0 0.0% 4.0% 60.0 0.0% 4.0% 60.0 0.0% 4.0% 60.0 0.0% 60.0 0.0% 4.0% 60.0 0.0% 60.0 0.0% 60.0 0.0% 60.0 0.0% 60.0 0.0% 60.0 0.0% 60.0 0.0% 60.0 0.0% 60.0 0.0% 60.0 0.0% 60.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.						40.7%			-0.2											0.0%
44 (ft) 50 2 50 4 6 4 6 7 6 56 56 50 0 2 0 4 6 4 4 6 7 6 56 56 50 0 2 0 4 6 4 4 6 7 6 56 56 56 56 0 0 0 0 0 7 6 4 4 6 7 6 56 56 56 56 0 0 0 0 0 7 6 4 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6						42.0%														-0.1%
46.7% 592 59.4 0.2 0.3% 56.5 0.0 0.0% 56.7% 0.2 0.2% 56.7% 0.0 0.0% 56.7% 0.0 0.0% 56.7% 0.0 0.0% 56.7% 0.0 0.0% 56.7% 0.0 0.0% 56.7% 0.0 0.0% 56.7% 0.0 0.0% 56.7% 0.0 0.0 0.0% 56.7% 0.0 0.0 0.0% 56.7% 0.0 0.0 0.0% 56.7% 0.0 0.0 0.0% 56.7% 0.0 0.0 0.0% 56.7% 0.0 0.0 0.0% 56.7% 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.						44.4%														
44.1% 56.9 92 03 06% 44.1% 65.4 65.5 02 02% 44.1% 62.2 63.2 0.0 0.1% 48.1% 56.5 56.4 0.1 0.1% 48.1% 65.9 56.0 0.1% 48.1% 65.2 65.3 0.1 0.1% 48.1% 65.2 65.2 61.0 0.1% 48.1% 65.2 65.5 56.4 0.1 0.1% 0.1% 61.0	45.7%	59.2	59.4	0.2	0.3%	45.7%	65.6	65.7	0.2	0.2%		63.3		0.1	0.1%	45.7%	56.5	56.5	0.0	0.0%
49-0% 58-0 58-0 0.0 0.1 0.2% 58-2 63.3 0.1 0.1% 49-0% 62.2 63.2 0.1 0.1% 49-0% 62.5 58-0 4.0 0.1% 59-0% 58-0 58-0 58-0 58-0 59-0% 58-0 58-0 58-0 58-0 58-0 58-0 58-0 58-0		59.0				46.9%				0.4%						46.9%				-0.1%
506% 589 588 00 -0.01% 506% 652 652 0.1 0.1% 506% 631 0.0 0.0% 506% 585 584 -0.1 0.2% 515% 506% 588 588 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0																				-0.1%
\$19% \$28.8 \$28.8 \$0.0 \$0.0 \$0.0 \$5.0 \$5.0 \$6.1 \$5.2 \$0.1 \$0.1% \$1.9% \$3.1 \$0.1 \$0.0 \$0.0 \$5.0 \$5.4 \$5.3 \$0.1 \$0.1 \$0.2 \$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$5.0 \$5.0				0.0															-0.1	-0.2%
56.3% 58.8 58.7 0.1 0.1% 56.3% 64.9 65.1 0.2 0.3% 56.9% 62.8 63.0 0.1 0.2% 56.9% 56.4 56.1 0.2 0.3% 56.9% 56.8 56.8 56.8 56.1 56.1 0.2 0.3% 56.9% 56.8 56.8 56.1 56.1 0.2 0.3% 56.9% 56.8 56.8 56.1 56.1 56.2 0.2 0.3% 56.9% 56.1 56.1 56.2 0.2 0.3% 56.9% 56.1 56.1 56.2 0.2 0.3% 56.9% 56.1 56.2 56.0 0.2 0.3% 56.9% 56.1 56.2 56.0 0.2 0.3% 56.9% 56.1 56.2 56.0 0.2 0.3% 56.9% 56.1 56.2 56.0 0.2 0.3% 56.9% 56.1 56.2 56.0 0.2 0.3% 56.9% 56.1 56.2 56.0 0.2 0.3% 56.3 56.3 56.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	51.9%	58.8	58.8	0.0	-0.1%	51.9%	65.1	65.2	0.1	0.1%	51.9%	63.1	63.1	0.0	0.0%	51.9%	56.4	56.3	-0.1	-0.2%
See																				
58.0% 58.6 58.6 0.1 0.1% 58.0% 64.7 64.6 0.1 0.1% 58.0% 62.8 62.9 0.1 0.1% 58.0% 56.2 58.0 0.2 0.4% 58.0% 64.7 64.6 0.1 0.1% 58.0% 62.8 62.8 0.1 0.1% 58.0% 56.2 58.0 0.2 0.0% 58.0 0.2 0.0% 58.0 0.2 0.0% 58.0 0.2 0.0% 58.0 0.2 0.0% 58.0 0.2 0.0% 58.0 0.2 0.2 0.0% 58.0 0.0 0.0% 58.0 0.0 0.0% 58.0 0.0 0.0% 58.0 0.0 0.0% 58.0 0.0 0.0% 58.0 0.0 0.0% 58.0 0.0 0.0% 58.0 0.0 0.0% 58.0 0.0 0.0% 58.0 0.0 0.0% 58.0 0.0 0.0% 58.0 0.0 0.0% 58.0 0.0 0.0% 58.0 0.0 0.0 0.0% 58.0 0.0 0.0 0.0% 58.0 0.0 0.0 0.0% 58.0 0.0 0.0 0.0% 58.0 0.0 0.0 0.0% 58.0 0.0 0.0 0.0% 58.0 0.0 0.0 0.0% 58.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0																				-0.3%
\$9.0% \$8.5 \$8.5 \$0.0 \$0.0% \$8.0% \$4.7 \$4.6 \$0.1 \$0.1% \$8.0% \$2.8 \$2.9 \$0.1 \$0.1% \$8.0% \$6.2 \$6.0 \$0.2 \$0.4% \$8.0% \$6.2 \$6.0 \$0.3 \$0.5% \$6.0 \$0.0 \$0.0% \$6.0 \$0.5% \$6.0 \$0.0 \$0.0% \$6.0 \$0.5% \$6.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0				0.0		56.8%													-0.2	
60.5% 88.3 58.3 0.0 0.0% 60.5% 84.6 84.5 -0.1 -0.2% 60.5% 62.8 62.8 0.0 0.0% 60.5% 55.1 55.9 -0.2 -0.3% 63.0% 88.0 -0.1 -0.1% 63.0% 64.5 -0.1 -0.1% 62.0% 62.7 62.8 0.0 0.0% 61.7% 56.0 55.9 -0.1 -0.1% 63.0% 88.0 88.0 -0.1 -0.1% 63.0% 64.5 -0.1 -0.1% 63.0% 62.7 62.8 0.1 0.1 0.1% 63.0% 56.0 55.0 -0.1 -0.1% 63.0% 62.7 62.8 0.1 0.1 0.1% 63.0% 56.0 55.0 -0.1 -0.1% 63.0% 62.7 62.8 0.1 0.1 0.1% 63.0% 56.0 55.0 -0.1 -0.1% 63.0% 62.7 62.8 0.1 0.1 0.1% 63.0% 56.0 55.0 -0.1 -0.1% 63.0% 56.0 55.0 -0.1 -0.1% 63.0% 56.0 55.0 55.0 -0.1 -0.1% 63.0% 56.0 55.0 55.0 -0.1 -0.1% 63.0% 56.0 55.0 55.0 55.0 -0.1 -0.1% 63.0% 56.0 55.0 55.0 55.0 -0.1 -0.1% 63.0% 56.0 55.0 55.0 55.0 -0.1 -0.1% 65.0 55.0 55.0 55.0 55.0 55.0 55.0 55.0		58.5		0.0		58.0%		64.6	-0.1		58.0%	62.8				58.0%		56.0	-0.2	-0.4%
617% 582 58.1 -0.1 -0.1% 61.7% 64.6 64.5 -0.1 -0.1% 61.7% 62.7 62.8 0.0 0.0% 61.7% 56.0 55.9 -0.1 -0.1% 62.7% 57.9 58.0 0.1 0.1% 64.2% 64.5 0.0 -0.1% 64.2% 62.7 62.7 0.1 0.1% 64.2% 55.9 55.9 -0.1 -0.1% 64.2% 57.9 58.0 0.1 0.1% 64.2% 64.4 0.0 -0.1% 64.2% 62.7 62.7 0.1 0.1% 64.2% 55.9 55.9 -0.1 -0.1% 64.2% 57.9 58.0 0.1 0.1% 64.2% 62.7 62.8 0.1 0.1% 64.2% 55.9 55.9 -0.1 -0.1% 64.2% 57.7 57.7 57.7 57.7 57.7 57.7 57.7 57.																				
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64.2% 57.9 58.0 0.1 0.1% 64.2% 64.5 64.4 0.0 -0.1% 64.2% 62.7 62.7 0.1 0.1% 64.2% 55.9 55.9 -0.1 -0.1% 65.4% 57.9 57.9 57.9 57.9 0.0 0.0% 56.4% 64.4 -0.1 -0.1% 56.4% 62.4 62.8 0.3 0.4% 65.9 55.9 55.9 -0.1 -0.1% 66.7% 57.7 57.8 0.1 0.1% 56.7% 56.9 55.9 55.9 -0.1 -0.1% 56.7% 57.7 57.8 0.1 0.1% 56.7% 56.9 55.9 55.9 -0.1 -0.1% 56.7% 57.7 57.8 0.1 0.1% 56.7% 56.9 55.9 55.9 0.1 -0.1% 56.7% 57.7 57.8 0.1 0.1% 56.7% 56.9 55.9 55.9 0.1 -0.1% 56.7% 57.7 57.8 0.1 0.1% 56.7% 56.9 55.9 55.9 0.1 -0.1% 56.7% 57.8 57.7 57.8 0.1 0.1% 56.7% 56.9 55.9 55.9 55.9 0.1 -0.1% 56.7% 57.8 57.0 57.5 57.5 57.0 57.5 57.5 57.5 57.5																				
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$\begin{array}{cccccccccccccccccccccccccccccccccccc$	88.9%				0.1%	88.9%				0.5%	88.9%			0.6	0.9%	88.9%				0.1%
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		55.9				90.1%						60.6						55.1		
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$\begin{array}{cccccccccccccccccccccccccccccccccccc$	93.8%	55.2	55.2	0.0	0.1%	93.8%	61.2	61.2	0.0	0.0%	93.8%	60.2	60.2	0.0	0.0%	93.8%	54.4	54.4	0.0	0.0%
$97.5\% \qquad 54.5 \qquad 54.1 \qquad -0.4 \qquad -0.7\% \qquad 97.5\% \qquad 60.5 \qquad 60.6 \qquad 0.2 \qquad 0.3\% \qquad 97.5\% \qquad 59.5 \qquad 59.6 \qquad 0.1 \qquad 0.1\% \qquad 97.5\% \qquad 54.3 \qquad 54.3 \qquad 0.0 \qquad 0.0\% \\ 98.8\% \qquad 53.4 \qquad 53.4 \qquad 0.0 \qquad 0.0\% \qquad 98.8\% \qquad 59.5 \qquad 59.5 \qquad 59.5 \qquad 59.5 \qquad 0.0 \qquad 0.0\% \qquad 98.8\% \qquad 53.9 \qquad 53.9 \qquad 0.0 \qquad 0.0\% $		54.7				95.1%		61.2		0.1%						95.1%				0.1%
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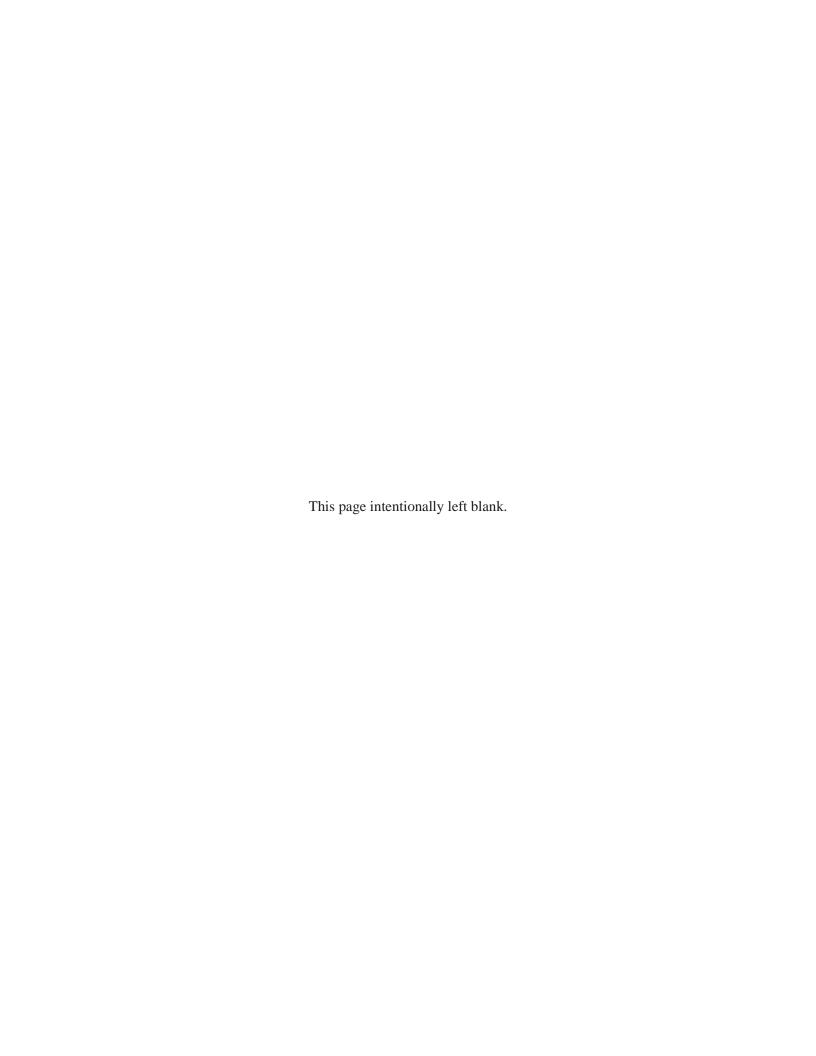


Table SQ-02-9a Sacramento River below Keswick, Monthly Temperature Long-term Average and Average by Water Year Type

Analysis Period	Oct	Nov	Dec	Jan		, ,			Jun	Jul	Aug	Sep		
•				Lor	ng-term									
Full Simulation Period ¹														
No Action Alternative	55.0	53.2	49.7	46.3	45.7	47.1	48.8	49.9	50.7	52.0	53.3	55.0		
Alternative D	54.1	52.8	49.9	46.5	45.8	47.3	49.1	49.9	50.8	52.0	52.8	54.1		
Difference	-0.9	-0.4	0.2	0.2	0.1	0.1	0.3	-0.1	0.1	-0.1	-0.5	-0.9		
Percent Difference ³	-1.6%	-0.7%	0.4%	0.5%	0.2%	0.3%	0.6%	-0.1%	0.2%	-0.1%	-1.0%	-1.7%		
					ear Types									
Wet (32%)														
No Action Alternative	54.4	53.3	49.8	45.7	45.2	46.5	48.2	49.4	50.0	51.5	52.4	53.2		
Alternative D	54.0	53.2	50.1	45.9	45.2	46.6	48.3	49.2	50.0	51.6	52.5	52.9		
Difference	-0.4	-0.2	0.2	0.1	0.1	0.1	0.1	-0.2	0.0	0.1	0.1	-0.3		
Percent Difference	-0.7%	-0.3%	0.5%	0.3%	0.2%	0.2%	0.2%	-0.3%	0.0%	0.2%	0.1%	-0.69		
Above Normal (15%)														
No Action Alternative	53.5	52.7	50.0	46.2	45.6	47.2	48.9	49.8	49.8	51.1	52.7	53.7		
Alternative D	52.9	52.4	50.3	46.4	45.7	47.3	49.1	49.7	49.9	51.1	52.7	53.1		
Difference	-0.6	-0.3	0.2	0.2	0.1	0.1	0.2	-0.1	0.2	0.0	0.0	-0.5		
Percent Difference	-1.1%	-0.5%	0.5%	0.5%	0.2%	0.2%	0.4%	-0.2%	0.3%	0.1%	0.0%	-1.0%		
Below Normal (17%)														
No Action Alternative	53.1	52.4	49.9	46.6	45.6	47.0	49.0	49.8	50.3	51.4	52.1	53.8		
Alternative D	52.4	52.0	50.0	46.7	45.7	47.0	49.2	49.7	50.4	51.4	52.1	53.2		
Difference	-0.7	-0.4	0.1	0.1	0.0	0.0	0.3	-0.1	0.1	0.0	-0.1	-0.6		
Percent Difference	-1.3%	-0.8%	0.2%	0.3%	0.1%	0.1%	0.5%	-0.2%	0.3%	0.1%	-0.2%	-1.1%		
Dry (22%)														
No Action Alternative	55.3	53.5	49.8	46.8	46.0	47.6	49.0	49.8	50.9	51.7	53.2	55.5		
Alternative D	53.8	52.7	49.8	47.0	46.2	47.8	49.5	49.9	51.2	51.8	52.4	54.2		
Difference	-1.5	-0.8	0.0	0.2	0.1	0.2	0.5	0.1	0.3	0.1	-0.7	-1.3		
Percent Difference	-2.8%	-1.5%	0.0%	0.5%	0.2%	0.5%	1.0%	0.3%	0.5%	0.2%	-1.4%	-2.3%		
Critical (15%)		,					,		,		,			
No Action Alternative	59.6	53.6	48.8	46.6	46.4	48.1	49.7	51.5	53.2	55.5	57.4	61.1		
Alternative D	57.9	53.3	49.4	47.0	46.7	48.3	50.1	51.4	53.0	54.5	54.9	58.6		
Difference	-1.7	-0.2	0.6	0.4	0.3	0.2	0.4	-0.1	-0.1	-0.9	-2.6	-2.5		
Percent Difference	-2.8%	-0.4%	1.2%	0.9%	0.6%	0.5%	0.9%	-0.1%	-0.2%	-1.7%	-4.5%	-4.19		



Figure SQ-02-9b Sacramento River below Keswick, Monthly Temperature Probability of Exceedance

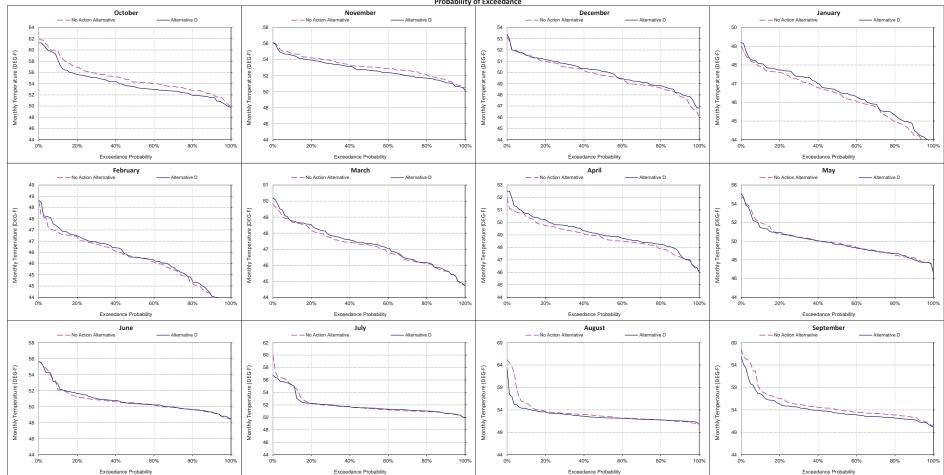


Table SQ-02-9b Sacramento River below Keswick, Monthly Temperature Probability of Exceedance

Octobe Novembe Decembe January Percent Percent Percent Percent No Action Alternative Alternative D Absolute Relative Exceedance Relative Relative Relative Exceedance Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) 0.0% 62.0 61.3 -0.7 -1.2% 0.0% 56.1 0.0% 53.2 53.4 0.4% 49.0 49.2 0.4% 1.2% 61.8 61.3 -0.5 -0.8% 1.2% 56.0 56.0 0.0 0.0% 1.2% 52.8 53.0 0.2 0.4% 1.2% 48.7 49.1 0.4 0.8% 2.5% 61.8 60.8 -1.5% 2.5% 55.7 55.3 -0.7% 2.5% 52.1 52.0 -0.1-0.1% 2.5% 48.5 48.8 0.6% 3.7% 3.7% 61.1 60.4 -0.7 -1.2% 3.7% 55.3 54 9 -0.3 -0.6% 3.7% 51.9 52.0 0.0 0.1% 48.4 48.5 0.1 0.2% 4.9% 60.6 59.9 -0.7 -1.1% 4.9% 55.1 54.8 -0.3 -0.5% 4.9% 51.9 51.9 0.1 0.2% 4.9% 48.2 48.3 0.1 0.1% 6.2% 6.2% 6.2% 6.2% 60.0 59.8 -0.2 -0.4% 55.0 54.7 -0.3 -0.6% 51.8 51.8 0.0 0.0% 48.1 48.2 0.1 0.2% 7.4% -0.4-0.7% -1.1% 7.4% 54.7 54.6 -0.3-0.6% 7.4% 0.1% 7.4% 48.1 48.2 0.1 0.2% 8.6% 8.6% 8.6% 8.6% 60.0 59.3 -0.6 54.9 -0.3 -0.5% 51.7 51.7 0.0 0.0% 47 9 48 1 0.3% 9.9% 11.1% 12.3% -2.7% 9.9% -0.3% 0.3% 11.1% 12.3% 58.9 57.3 -1.5 -2.6% -3.1% 11.1% 54.7 54.5 -0.2 -0.4% 11.1% 51.5 51.5 0.0 -0.1% 47.9 48.1 0.1 0.3% 13.6% 13.6% 13.6% 13.6% 0.4% 58.0 56.4 -16 -2.8% 54.7 54.2 -0.5 -0.9% 51.3 51.3 0.0 0.0% 47.7 47.8 0.2 -2.3% 54.1 47.8 16.0% 16.0% 16.0% 16.0% 57.6 56.0 -1.6 -2.8% 54.3 54.1 -0.2 -0.5% 51.2 51.3 0.1 0.1% 47.6 47.8 0.2 0.4% 18.5% 18.5% 54.0 -0.6% 18.5% 0.5% 18.5% 0.1 0.3% 57.0 55.8 -1.3 -2.2% 54.3 -0.3 51.0 51.2 0.2 47.6 47.8 19.8% 21.0% 56.9 56.9 55.7 55.5 -1.2 -1.3 54.2 54.2 53.9 -0.3 -0.3 19.8% 51.1 51.1 0.2 19.8% 21.0% 47.7 47.7 0.1 21.0% -2.3% 53.9 -0.5% 50.9 0.3% 47.6 0.3% 22.2% 23.5% 55.5 55.5 -1.7% -1.6% 22.2% 23.5% 53.8 -0.6% 22.2% 23.5% 22.2% 23.5% 47.7 -0.3 -0.4 0.2 53.8 47.7 -0.9 47.5 56.3 54.2 -0.7% 50.9 51.0 0.1 0.3% 0.4% 24.7% 25.9% 24.7% 25.9% 24.7% 25.9% 24.7% 25.9% 56.2 55.3 55.3 -1.5% 53.7 -0.3 -0.4 -0.6% 50.9 17.1 47.7 0.2 56.1 -0.8 -1.5% 54.0 53.7 -0.7% 51.0 0.2 0.4% 47.3 47.7 0.7% 50.8 27.2% 28.4% 27.2% 28.4% 27.2% 28.4% 55.1 -1.7% 27.2% 53.6 -0.7% 50.7 50.9 0.2% 47.3 47.5 0.2 55.9 -0.8 -1.5% 28.4% 54.0 53.5 -0.4 -0.8% 0.3 0.6% 47.3 47.4 0.1 0.3% 50.5 50.8 29.6% 30.9% -1.4% -1.4% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% -0.8 -0.8 53.5 53.5 -0.7% -0.7% 0.3 0.6% 17.1 0.2 53.8 47.4 0.4% 50.5 47.2 32.1% 55.6 54.9 -0.8 -1.4% 32.1% 53.8 53.4 -0.4 -0.8% 32.1% 50.5 50.7 0.2 0.5% 32.1% 47.1 47.4 0.3 0.6% 33.3% -0.9 -1.6% 33.3% 53.6 -0.3 -0.5% 33.3% 50.4 0.3 0.5% 33.3% 47.3 0.3 0.6% 34.6% 55.6 -0.9 -1.7% 34.6% 53.6 53.4 -0.3 -0.5% 34.6% 50.4 50.6 0.2 0.5% 34.6% 47.0 47.3 0.3 0.6% 35.8% -1.5% 35.8% 53.3 35.8% 0.2 35.8% 0.3 55.4 -0.6% 0.4% 47.3 0.6% 37.0% 55.3 54.4 -1.8% 37.0% 53.5 53.2 -0.2-0.4% 37.0% 50.3 50.5 0.2 0.3% 37.0% 46.9 47.2 0.2 0.5% 38.3% 55.3 38.3% 53.2 38.3% 38.3% 47.1 -1.7% 0.0 0.1% 39.5% 55.3 54.3 -0.9 -1.7% 39.5% 53.4 53.1 -0.2 -0.4% 39.5% 50.3 50.3 0.0 0.1% 39.5% 46.8 47.0 0.2 0.5% 40.7% 55.2 54.3 -0.9 -1.6% 40.7% 53.2 53.1 -0.1 -0.2% 40.7% 50.1 50.3 0.3 0.5% 40.7% 46.8 47.0 0.2 0.5% 42.0% 55.1 53.9 -2.1% 42.0% 53.2 53.0 -0.2-0.4% 42.0% 50.0 50.3 0.3 0.6% 42.0% 46.7 46.8 0.1 0.2% 43.2% 55.0 53.9 -1.0 -1.9% 43.2% 53.2 52.8 -0.4 -0.8% 43.2% 50.0 50.3 0.3 0.6% 43.2% 46.7 46.8 0.1 0.2% 44.4% -2.0% 44.4% 53.2 52.8 -0.4 -0.7% 44.4% 50.0 50.3 0.3 0.6% 44.4% 46.7 46.8 0.1 0.2% 45.7% 45.7% 45.7% 54.7 53.6 -1.1 -2.1% 53.1 52.8 -0.4 -0.7% 49.9 50.3 0.3 0.7% 45.7% 46.6 46.7 0.1 0.3% 46.9% 54.7 53.6 -2.1% 46.9% 53.1 52.8 -0.4-0.7% 46.9% 49.8 50.2 0.4 0.8% 46.9% 46.6 46.7 0.1 0.3% 48.1% 49.4% 54.4 53.5 -0.9 -1.6% 48.1% 53.1 52.7 -0.4 -0.7% 48.1% 49.8 50.2 0.4 0.8% 48.1% 46.6 46.7 0.2 0.3% -0.8-1.4% 49.4% 52.7 -0.7% 49.4% 49.7 0.8% 49.4% 46.5 46.6 0.1 0.3% 50.6% 50.6% 50.6% 50.6% 54.3 53.4 -0.9 -1.7% 53.1 52.6 -0.4 -0.8% 49.7 50.1 0.4 0.7% 46.5 46.6 0.1 0.3% 51.9% 54.2 54.2 53.2 -1.8% 51.9% 52.6 -0.5 -0.5 -0.9% 49.7 0.8% 51.9% 53.1% 46.4 46.5 0.1 0.2% 53.1% 53.1% 53.1% 53.2 -1.0 -1.9% 53.1 526 -0.9% 49 7 50.0 0.3 46.3 46.5 0.5% 55.6% 56.8% 55.6% 55.6% 55.6% 0.6% 54.2 53.1 -1.1 -2.0% 53.0 52.5 -0.5 -0.9% 49.6 49.9 0.3 0.5% 46.2 46.5 0.3 58.0% 58.0% 58.0% 54.1 53.0 -1.1 -2.0% 52.9 52.4 -0.5 -1.0% 49.5 49.5 0.0 -0.1% 58.0% 46.1 46.4 0.3 0.6% 60.5% 60.5% 60.5% 54.0 53.0 -1.1 -2.0% 52.9 52.4 -0.5 -1.0% 49.4 49.4 0.1 0.1% 60.5% 46.0 46.3 0.2 0.5% 61.7% -1.8% 61.7% 52.3 63.0% 63.0% 63.0% 63.0% 53.9 52.8 -1.0 -1.9% 52.8 52.3 -0.5 -1.0% 49.0 49.3 0.3 0.7% 46.0 46.1 0.2 0.4% 64.2% 65.4% 52.8 52.8 -1.9% -1.7% 64.2% 65.4% 52.3 52.2 -0.5 -0.5 -0.9% -0.9% 64.2% 65.4% 0.7% 64.2% 65.4% 46.1 46.0 0.2 53.7 -0.9 49.2 0.3 0.3% 52.7 49.0 45.9 66.7% 67.9% 53.6 53.5 66.7% 67.9% 66.7% 67.9% 66.7% 67.9% -0.8 -1.6% 52.2 52.1 -0.5 -0.6 -1 0% 48 9 0.3 0.6% 45.9 46.0 0.1 52.7 52.7 -0.8 -1.5% -1.1% 48.9 49.2 0.6% 45.8 45.9 0.2% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% -1 5% 52.0 48 C 45.8 45 C 0.1 53.5 -0.8 -1.5% 52.6 52.0 -0.6 -1.2% 48.9 49.1 0.2 0.4% 45.7 45.9 0.4% 71.6% 53.4 52.7 -0.7 -1.4% -1.3% 71.6% 51.9 -1.3% 71.6% 48.8 49 1 0.2 0.5% 71.6% 45.7 0.0 72.8% 53.4 52.6 -0.7 72.8% 52.5 51.9 -0.6 -1.2% 72.8% 48.8 49.1 0.2 0.5% 72.8% 45.4 45.5 0.1 0.3% -1.8% -1.6% -1.4% -1.3% 74.1% 75.3% 74.1% 75.3% 74.1% 74.1% 0.1 0.3% 45.5 0.2 75.3% 75.3% 45.3 45.5 0.5% 76.5% 53.1 52.3 -0.7 -1.4% 76.5% 52.3 51.8 -0.5 -1.0% 76.5% 48.7 48.9 0.2% 76.5% 45.2 45.5 0.3 0.7% 77.8% -1.2% 77.8% 51.7 77.8% 0.3% 77.8% 0.3 -0.9% 45.5 0.8% 79.0% 52.9 -0.9 -1.6% 79.0% 52.2 51.7 -0.5 -0.9% 79.0% 48.7 48.8 0.3% 79.0% 45.0 45.4 0.4 0.8% 80.2% 52.8 -1.6% 80.2% 51.7 80.2% 48.6 80.2% 51.9 52.1 48.8 0.2 0.5% 44.9 45.3 0.3 0.7% 81.5% 52.8 51.9 -0.9 -1.7% 81.5% 51.9 51.6 -0.3-0.6% 81.5% 48.5 48.7 0.5% 81.5% 44.9 45.2 0.3 0.6% 82.7% 52.7 51.9 -1.7% 82.7% 51.6 -0.5% 82.7% 48.4 48.7 0.5% 82.7% 44.9 45.1 0.5% 84.0% 52.7 51.8 -0.9 -1.7% 84.0% 51.8 51.5 -0.3 -0.6% 84.0% 48.4 48.6 0.2 0.4% 84.0% 44.8 45.0 0.2 0.5% 85.2% 52.5 51.8 -0.8 -1.5% 85.2% 51.7 51.5 -0.3 -0.5% 85.2% 48.4 48.5 0.2 0.4% 85.2% 44.7 45.0 0.2 0.5% 86.4% 52.4 -1.2% 86.4% 51.4 -0.5% 86.4% 48.3 48.5 0.4% 86.4% 44.7 45.0 0.3 87.7% 52.3 51.7 -0.6 -1.1% 87.7% 51.6 513 -0.3 -0.5% 87.7% 48.2 48.2 0.0 0.0% 87.7% 44.5 44 9 0.5 1.0% 88.9% 52.2 51.6 -0.6 -1.2% 88.9% 51.6 51.2 -0.3 -0.7% 88.9% 48.0 48.2 0.2 0.3% 88.9% 44.9 0.5 1.1% 90.1% 52.2 51.6 -0.6 -1.2% 90.1% 51.4 51.1 -0.3 -0.6% 90.1% 47.8 48.1 0.3 0.6% 90.1% 44.2 44.5 0.3 0.6% 91.4% 51.5 -0.6% 91.4% 51.1 51.1 -0.4% 91.4% 47.8 48.0 91.4% 44.2 44.4 0.2 91.4% 92.6% 92.6% 51.6 50.9 -0.7 -1.4% 51.3 -0.2 -0.4% 47.8 47 9 0.2 0.4% 92.6% 44.2 443 0.1% 93.8% -1.4% -0.2% 47.5 47.9 93.8% 44.2 0.2 51.6 50.9 -0.793.8% 51.0 50.9 -0.193.8% 0.3 0.7% 44.0 0.5% 95.1% 95.1% 95.1% 95.1% 51.5 50.7 -0.9 -1.7% 50.9 50.7 -0.3 -0.6% 47.0 47.9 0.9 1.8% 43.9 44.2 0.2 0.6% 96.3% 50.4 -0.6 -1.2% -0.9% 96.3% 50.8 -0.3% 96.3% 97.5% 46.9 0.8 1.6% 96.3% 97.5% 43.8 44.0 0.3 0.6% 97.5% 97.5% 0.5 0.7% 50.6 50.1 -0.5 50.8 50.6 -n 2 -0.4% 46.7 472 1.2% 43.7 44 0 -0.5% 98.8% 100.0% 100.0% 100.0% 100.0% 50.0 49.8 0.0 -0.4% 50.5 50.2 -0.3 -0.6% 46.0 46.8 0.8 1.7% 42.1 42.8 0.7 1.6%

Table SQ-02-9b Sacramento River below Keswick, Monthly Temperature Probability of Exceedance

-		February					March					April					May		
Percent	No Action Alternative	Alternative D	Absolute		Percent	No Action Alternative	Alternative D	Absolute		Percent	No Action Alternative	Alternative D	Absolute		Percent	No Action Alternative	Alternative D	Absolute	
Exceedance			Difference	Relative	Exceedance			Difference	Relative	Exceedance			Difference	Relative	Exceedance			Difference	Relative
Probability		Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	48.3	48.3	0.0	0.1%	0.0%	49.8	50.2	0.4	0.8%	0.0%	52.0	52.5	0.6	1.1%	0.0%	54.7	55.1	0.4	0.7%
1.2%	47.6	48.2	0.6	1.2%	1.2%	49.6	50.1	0.4	0.9%	1.2%	51.1	52.5	1.4	2.7%	1.2%	54.6	54.7	0.1	0.1%
2.5%	47.6	47.6	0.1	0.1%	2.5%	49.5	49.8	0.3	0.7%	2.5%	51.1	51.9	0.9	1.7%	2.5%	54.0	53.8	-0.2	-0.3%
3.7%	47.6	47.6	0.1	0.1%	3.7%	49.3	49.5	0.2	0.4%	3.7%	50.9	51.3	0.4	0.8%	3.7%	53.8	53.6	-0.2	-0.3%
4.9%	47.1	47.6	0.5	1.0%	4.9%	49.0	49.4	0.4	0.8%	4.9%	50.8	51.3	0.5	0.9%	4.9%	53.4	53.0	-0.4	-0.8%
6.2%	47.0	47.5	0.5	1.1%	6.2%	48.9	49.1	0.2	0.4%	6.2%	50.8	51.1	0.3	0.5%	6.2%	52.8	52.2	-0.6	-1.1%
7.4%	47.0	47.3	0.3	0.6%	7.4%	48.9	49.0	0.1	0.3%	7.4%	50.8	51.0	0.2	0.4%	7.4%	52.3	52.1	-0.2	-0.4%
8.6%	47.0	47.2	0.2	0.5%	8.6%	48.9	48.8	0.0	0.0%	8.6%	50.8	50.8	0.0	0.1%	8.6%	52.1	52.0	-0.1	-0.3%
9.9%	46.9	47.1	0.2	0.5%	9.9%	48.7	48.8	0.1	0.2%	9.9%	50.4	50.7	0.3	0.5%	9.9%	52.0	51.4	-0.6	-1.1%
11.1%	46.8	47.1	0.2	0.5%	11.1%	48.7	48.8	0.1	0.2%	11.1%	50.4	50.7	0.3	0.6%	11.1%	51.9	51.4	-0.5	-0.9%
12.3%	46.8	46.9	0.2	0.3%	12.3%	48.6	48.7	0.1	0.1%	12.3%	50.3	50.6	0.3	0.5%	12.3%	51.8	51.3	-0.5	-1.0%
13.6%	46.8	46.9	0.1	0.3%	13.6%	48.6	48.7	0.0	0.1%	13.6%	50.3	50.4	0.2	0.3%	13.6%	51.6	51.3	-0.3	-0.6%
14.8%	46.8	46.9	0.1	0.3%	14.8%	48.6	48.6	0.1	0.1%	14.8%	50.0	50.4	0.4	0.7%	14.8%	51.6	51.0	-0.5	-1.0%
16.0%	46.8	46.8	0.1	0.1%	16.0%	48.5	48.6	0.1	0.3%	16.0%	49.9	50.4	0.5	1.0%	16.0%	51.1	51.0	-0.2	-0.3%
17.3%	46.7	46.8	0.1	0.2%	17.3%	48.5	48.6	0.1	0.2%	17.3%	49.9	50.3	0.4	0.8%	17.3%	51.0	51.0	0.0	0.0%
18.5%	46.7	46.8	0.0	0.1%	18.5%	48.4	48.6	0.2	0.4%	18.5%	49.8	50.2	0.4	0.8%	18.5%	50.8	50.9	0.1	0.3%
19.8%	46.7	46.8	0.0	0.1%	19.8%	48.2	48.5	0.4	0.8%	19.8%	49.8	50.2	0.5	0.9%	19.8%	50.8	50.9	0.2	0.3%
21.0%	46.5	46.7	0.2	0.4%	21.0%	48.1	48.4	0.3	0.5%	21.0%	49.7	50.1	0.4	0.8%	21.0%	50.8	50.9	0.1	0.3%
22.2%	46.5	46.6	0.1	0.3%	22.2%	48.1	48.3	0.2	0.5%	22.2%	49.7	50.0	0.3	0.5%	22.2%	50.7	50.7	0.0	0.1%
23.5%	46.5	46.6	0.1	0.2%	23.5%	48.0	48.2	0.2	0.5%	23.5%	49.7	49.9	0.3	0.6%	23.5%	50.6	50.7	0.0	0.1%
24.7%	46.5	46.6	0.1	0.2%	24.7%	48.0	48.2	0.2	0.5%	24.7%	49.6	49.8	0.3	0.3%	24.7%	50.6	50.7	0.1	0.1%
25.9%	46.4	46.5	0.1	0.1%	25.9%	48.0	48.1	0.2	0.4%	25.9%	49.5	49.8	0.3	0.6%	25.9%	50.6	50.6	0.1	0.2%
27.2%	46.4	46.5	0.0	0.1%	27.2%	47.8	48.1 47.9	0.3	0.7%	27.2%	49.5	49.8	0.3	0.6%	27.2%	50.5	50.6	0.0	0.0%
28.4%	46.4	46.5	0.1	0.2%	28.4%	47.8		0.2	0.3%	28.4%	49.5	49.8	0.3	0.7%	28.4%	50.5	50.4	-0.1	-0.1%
29.6%	46.4	46.5 46.4	0.1	0.2%	29.6%	47.7 47.7	47.9 47.8	0.2	0.3%	29.6%	49.5	49.8 49.8	0.3	0.6%	29.6%	50.4 50.4	50.4	0.0	0.0%
30.9%	46.4		0.1	0.2%	30.9%			0.1	0.3%	30.9%	49.4		0.4	0.8%	30.9%		50.4	0.0	0.0%
32.1%	46.3	46.4	0.1	0.2%	32.1%	47.6	47.8	0.2	0.5%	32.1%	49.4	49.7	0.3	0.7%	32.1%	50.3	50.3	0.0	0.0%
33.3%	46.3	46.4	0.1	0.2%	33.3%	47.6	47.8	0.2	0.4%	33.3%	49.3	49.7	0.4	0.7%	33.3%	50.3	50.3	0.0	0.0%
34.6%	46.2	46.4	0.1	0.3%	34.6%	47.5	47.7	0.2	0.5%	34.6%	49.3	49.7	0.4	0.8%	34.6%	50.3	50.2	-0.1	-0.1%
35.8%	46.2	46.3	0.1	0.2%	35.8%	47.5	47.7	0.2	0.4%	35.8%	49.3	49.6	0.3	0.7%	35.8%	50.3	50.2	-0.1	-0.2%
37.0%	46.2	46.3	0.2	0.3%	37.0%	47.5	47.6	0.2	0.4%	37.0%	49.2	49.5	0.3	0.7%	37.0%	50.2	50.2	0.0	0.0%
38.3%	46.1	46.2	0.1	0.2%	38.3%	47.4	47.6	0.2	0.4%	38.3%	49.2	49.5	0.3	0.7%	38.3%	50.1	50.1	0.0	-0.1%
39.5%	46.1	46.2	0.2	0.3%	39.5%	47.4	47.6	0.2	0.4%	39.5%	49.2	49.3	0.2	0.3%	39.5%	50.0	50.1	0.1	0.1%
40.7%	46.0	46.2	0.2	0.3%	40.7%	47.4	47.5	0.1	0.3%	40.7%	49.0	49.3	0.3	0.6%	40.7%	50.0	50.0	0.0	0.1%
42.0%	46.0	46.2	0.2	0.4%	42.0%	47.4	47.5	0.1	0.3%	42.0%	49.0	49.3	0.2	0.5%	42.0%	49.9	49.9	0.0	0.0%
43.2%	46.0	46.1	0.1	0.3%	43.2%	47.4	47.4	0.1	0.1%	43.2%	49.0	49.2	0.2	0.4%	43.2%	49.9	49.9	0.0	0.0%
44.4%	45.9	45.9	0.1	0.1%	44.4%	47.3	47.4	0.1	0.2%	44.4%	49.0	49.1	0.2	0.4%	44.4%	49.9	49.9	0.0	0.0%
45.7%	45.9	45.9	0.0	0.1%	45.7%	47.3	47.4	0.1	0.3%	45.7%	48.9	49.1	0.2	0.4%	45.7%	49.9	49.9	0.0	-0.1%
46.9%	45.9	45.8	-0.1	-0.1%	46.9%	47.3	47.4	0.1	0.3%	46.9%	48.9	49.1	0.2	0.3%	46.9%	49.9	49.9	0.0	-0.1%
48.1%	45.8	45.8	0.0	-0.1%	48.1%	47.3	47.4	0.1	0.2%	48.1%	48.9	49.0	0.1	0.2%	48.1%	49.8	49.7	-0.1	-0.2%
49.4%	45.8	45.8	0.0	0.0%	49.4%	47.3	47.3	0.1	0.1%	49.4%	48.8	49.0	0.2	0.4%	49.4%	49.8	49.7	-0.1	-0.3%
50.6%	45.8	45.8	0.0	0.0%	50.6%	47.2	47.3	0.1	0.2%	50.6%	48.7	48.9	0.3	0.6%	50.6%	49.8	49.6	-0.1	-0.3%
51.9%	45.8	45.8	0.0	0.0%	51.9%	47.2	47.3	0.1	0.2%	51.9%	48.6	48.9	0.3	0.6%	51.9%	49.8	49.6	-0.1	-0.3%
53.1%	45.8	45.7	0.0	0.0%	53.1%	47.2	47.3	0.1	0.3%	53.1%	48.6	48.9	0.3	0.7%	53.1%	49.6	49.6	0.0	0.1%
54.3%	45.7	45.7	0.0	0.0%	54.3%	47.2	47.3	0.1	0.3%	54.3%	48.6	48.9	0.3	0.6%	54.3%	49.6	49.5	-0.1	-0.1%
55.6%	45.7	45.7	0.0	0.0%	55.6%	47.0	47.2	0.2	0.4%	55.6%	48.5	48.9	0.3	0.7%	55.6%	49.6	49.4	-0.1	-0.3%
56.8%	45.7	45.7	0.0	0.0%	56.8%	47.0	47.2	0.2	0.4%	56.8%	48.5	48.9	0.3	0.7%	56.8%	49.5	49.4	-0.1	-0.3%
58.0%	45.6	45.7	0.1	0.2%	58.0%	47.0	47.1	0.2	0.3%	58.0%	48.5	48.9	0.3	0.7%	58.0%	49.5	49.3	-0.2	-0.3%
59.3%	45.6	45.7	0.1	0.2%	59.3%	46.9	47.1	0.2	0.4%	59.3%	48.5	48.8	0.2	0.5%	59.3%	49.4	49.3	-0.2	-0.2%
60.5%	45.5	45.6	0.1	0.2%	60.5%	46.8	47.1	0.3	0.6%	60.5%	48.5	48.7	0.2	0.5%	60.5%	49.3	49.2	-0.1	-0.2%
61.7%	45.5	45.6	0.1	0.2%	61.7%	46.7	46.9	0.1	0.3%	61.7%	48.5	48.7	0.2	0.4%	61.7%	49.2	49.2	0.0	-0.1%
63.0%	45.5	45.6	0.1	0.2%	63.0%	46.7	46.8	0.1	0.3%	63.0%	48.4	48.6	0.2	0.4%	63.0%	49.2	49.2	0.0	0.0%
64.2%	45.5 45.5	45.5 45.5	0.1	0.2%	64.2%	46.7	46.8	0.1	0.2%	64.2%	48.4	48.6	0.2	0.4%	64.2%	49.2 49.1	49.2	0.0	0.0%
65.4%	45.4 45.4	45.5 45.5	0.0	0.1%	65.4%	46.7	46.7	0.0	0.1%	65.4%	48.4	48.6	0.2	0.4%	65.4%	49.1	49.2	0.0	0.1%
66.7%	45.4	45.5 45.5	0.2	0.3%	66.7%	46.7	46.6	0.0	0.1%	66.7%	48.4	48.5	0.1	0.4%	66.7%	49.1	49.0	-0.1	-0.1%
67.9%	45.3 45.3	45.5 45.4	0.2	0.4%	67.9%	46.4	46.5	0.0	0.3%	67.9%	48.4	48.5 48.5	0.2	0.4%	67.9%	49.1	49.0	-0.1	-0.1%
69.1%	45.2	45.4	0.1	0.3%	69.1%	46.4	46.4	0.1	0.2%	69.1%	48.3	48.5	0.2	0.3%	69.1%	49.0	49.0	-0.1	-0.1%
70.4%	45.2 45.2	45.4	0.1	0.3%	70.4%	46.3	46.4	0.1	0.2%	70.4%	48.3	48.4	0.2	0.2%	70.4%	48.9	48.9	-0.1	-0.1%
71.6%	45.2 45.2	45.3 45.2	0.0	0.3%	71.6%	46.3	46.4	0.1		71.6%	48.3	48.4	0.1	0.2%	70.4%	48.9	48.8	0.0	-0.1%
71.6%	45.2 45.1	45.2 45.2	0.0	0.1%	71.6%	46.3 46.3	46.4 46.4	0.1	0.2%	71.6%	48.3 48.3	48.4 48.4	0.1	0.3%	71.6%	48.9 48.9	48.8 48.8	0.0	-0.1%
				0.2%				0.1				48.4				48.8	48.8	0.0	
74.1%	45.0	45.1	0.1		74.1%	46.2	46.3		0.2%	74.1%	48.2		0.2	0.3%	74.1%	48.8 48.8			0.0%
75.3% 76.5%	45.0 44.9	45.1 45.0	0.1	0.3%	75.3% 76.5%	46.2 46.2	46.2 46.2	0.0	0.1%	75.3% 76.5%	48.2 48.1	48.4 48.3	0.2	0.4%	75.3% 76.5%	48.8 48.8	48.7 48.7	-0.1 0.0	-0.1%
									0.0%				0.2						-0.1%
77.8%	44.9	44.9	0.0	0.1%	77.8%	46.1	46.2	0.0	0.0%	77.8%	48.1	48.3	0.2	0.4%	77.8%	48.8	48.7	0.0	-0.1%
79.0%	44.6	44.9	0.3	0.6%	79.0%	46.1	46.2	0.0	0.1%	79.0%	47.9	48.3	0.4	0.7%	79.0%	48.6	48.7	0.1	0.2%
80.2%	44.6	44.7	0.1	0.2%	80.2%	46.1	46.1	0.1	0.1%	80.2%	47.9	48.2	0.3	0.7%	80.2%	48.5	48.7	0.2	0.4%
81.5%	44.5	44.7	0.2	0.3%	81.5%	46.1	46.1	0.0	0.1%	81.5%	47.8	48.2	0.4	0.8%	81.5%	48.5	48.7	0.2	0.5%
82.7%	44.5	44.6	0.1	0.3%	82.7%	46.0	46.1	0.0	0.1%	82.7%	47.8	48.1	0.3	0.6%	82.7%	48.4	48.6	0.2	0.4%
84.0%	44.5	44.6	0.1	0.2%	84.0%	45.9	45.9	0.0	-0.1%	84.0%	47.7	48.1	0.4	0.8%	84.0%	48.3	48.5	0.1	0.3%
85.2%	44.3	44.5	0.2	0.3%	85.2%	45.8	45.8	0.0	0.1%	85.2%	47.6	48.0	0.4	0.9%	85.2%	48.3	48.5	0.1	0.3%
86.4%	44.3	44.4	0.2	0.4%	86.4%	45.7	45.8	0.1	0.2%	86.4%	47.4	48.0	0.5	1.1%	86.4%	48.3	48.3	0.0	-0.1%
87.7%	44.2	44.3	0.1	0.3%	87.7%	45.7	45.8	0.1	0.2%	87.7%	47.4	47.9	0.5	1.1%	87.7%	48.3	48.2	-0.1	-0.2%
88.9%	44.2	44.2	0.0	0.1%	88.9%	45.6	45.7	0.1	0.2%	88.9%	47.3	47.7	0.4	0.8%	88.9%	48.2	48.1	-0.1	-0.3%
90.1%	44.0	44.0	0.0	0.1%	90.1%	45.6	45.6	0.0	0.0%	90.1%	47.2	47.4	0.2	0.4%	90.1%	48.2	48.0	-0.2	-0.5%
91.4%	44.0	44.0	0.0	0.0%	91.4%	45.6	45.6	0.0	0.1%	91.4%	47.1	47.2	0.0	0.1%	91.4%	48.1	47.9	-0.1	-0.3%
92.6%	44.0	44.0	0.0	0.0%	92.6%	45.4	45.4	0.0	0.0%	92.6%	47.1	47.1	0.0	-0.1%	92.6%	47.9	47.8	-0.1	-0.3%
93.8%	43.9	44.0	0.1	0.1%	93.8%	45.4	45.4	0.0	0.0%	93.8%	47.0	47.0	0.0	0.0%	93.8%	47.8	47.7	0.0	-0.1%
95.1%	43.9	43.9	0.0	0.1%	95.1%	45.3	45.3	0.0	0.1%	95.1%	46.9	47.0	0.1	0.2%	95.1%	47.8	47.7	0.0	-0.1%
96.3%	43.6	43.7	0.1	0.3%	96.3%	45.0	45.0	0.0	0.0%	96.3%	46.6	46.6	0.0	0.1%	96.3%	47.8	47.7	0.0	-0.1%
97.5%	43.6	43.6	0.0	-0.1%	97.5%	44.8	44.9	0.1	0.2%	97.5%	46.4	46.4	0.0	0.1%	97.5%	47.7	47.7	0.0	0.0%
98.8%	43.4	43.5	0.1	0.2%	98.8%	44.8	44.9	0.1	0.1%	98.8%	46.3	46.4	0.1	0.3%	98.8%	47.6	47.6	-0.1	-0.2%
100.0%	43.1	43.1	0.0	0.0%	100.0%	44.7	44.7	0.0	0.0%	100.0%	46.0	46.0	0.0	0.0%	100.0%	46.6	46.7	0.1	0.1%
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Table SQ-02-9b
Sacramento River below Keswick, Monthly Temperature
Probability of Exceedance

									Probability	of Exceedance									
Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative
Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)
0.0%	(DEG-F) 55.6	(DEG-F) 55.6	0.0	0.0%	(%) 0.0%	(DEG-F) 59.9	(DEG-F) 56.7	-3.2	-5.3%	(%) 0.0%	(DEG-F) 65.2	(DEG-F) 63.1	-2.1	-3.2%	0.0%	(DEG-F) 67.6	(DEG-F) 65.8	-1.8	-2.6%
1.2%	55.5	55.5	0.0	0.1%	1.2%	57.4	56.4	-1.0	-1.7%	1.2%	64.5	57.4	-7.1	-11.0%	1.2%	65.9	64.1	-1.8	-2.7%
2.5%	55.0	55.0	-0.1	-0.1%	2.5%	56.5	56.3	-0.2	-0.4%	2.5%	63.6	57.0	-6.7	-10.5%	2.5%	65.4	63.3	-2.0	-3.1%
3.7%	54.8 54.5	54.2 54.2	-0.6 -0.2	-1.0% -0.4%	3.7% 4.9%	56.4 56.3	55.8 55.8	-0.6 -0.6	-1.1% -1.0%	3.7% 4.9%	62.3 58.7	55.2 55.2	-7.0 -3.5	-11.3% -6.0%	3.7% 4.9%	65.1 64.3	61.1 59.7	-4.0 -4.6	-6.1% -7.1%
6.2%	53.9	54.2	0.3	0.6%	6.2%	56.2	55.6	-0.6	-0.9%	6.2%	57.0	54.6	-3.5	-4.2%	6.2%	62.7	59.6	-3.1	-5.0%
7.4%	53.5	53.2	-0.4	-0.7%	7.4%	55.9	55.5	-0.4	-0.7%	7.4%	55.9	54.4	-1.5	-2.7%	7.4%	62.6	58.5	-4.2	-6.6%
8.6% 9.9%	53.3 52.1	53.1 52.9	-0.2 0.8	-0.4% 1.5%	8.6% 9.9%	55.4 55.2	55.4 55.2	0.1 0.1	0.1% 0.1%	8.6%	55.7 55.5	54.3 54.3	-1.4 -1.3	-2.5% -2.3%	8.6% 9.9%	59.4 58.5	57.7 57.6	-1.8 -0.9	-2.9% -1.6%
9.9%	52.1 52.1	52.9 52.2	0.8	0.2%	9.9%	55.2 54.8	55.2 55.0	0.1	0.1%	9.9% 11.1%	55.5 55.3	54.3 54.2	-1.3 -1.1	-2.3% -2.0%	9.9%	58.5 58.0	57.5	-0.9	-1.6%
12.3%	52.0	52.1	0.1	0.2%	12.3%	54.6	53.1	-1.5	-2.8%	12.3%	54.8	54.1	-0.7	-1.3%	12.3%	57.8	56.6	-1.1	-2.0%
13.6%	51.9	52.0	0.1	0.2%	13.6%	53.7	52.8	-1.0	-1.8%	13.6%	54.4	53.8	-0.5	-1.0%	13.6%	57.3	56.3	-1.0	-1.7%
14.8% 16.0%	51.8 51.6	51.9 51.9	0.1	0.2%	14.8% 16.0%	53.1 52.8	52.5 52.4	-0.6	-1.2% -0.8%	14.8% 16.0%	54.1 54.0	53.8 53.7	-0.3 -0.3	-0.6% -0.5%	14.8% 16.0%	57.2 57.1	56.2 56.1	-1.1	-1.9%
17.3%	51.4	51.8	0.3	0.6%	17.3%	52.5	52.4	-0.4 -0.2	-0.4%	17.3%	53.9	53.6	-0.3	-0.7%	17.3%	56.8	56.0	-1.0 -0.8	-1.7% -1.3%
18.5%	51.4	51.8	0.4	0.8%	18.5%	52.3	52.3	-0.1	-0.1%	18.5%	53.9	53.6	-0.3	-0.6%	18.5%	56.7	55.6	-1.1	-1.9%
19.8%	51.2	51.7	0.5	0.9%	19.8%	52.3	52.2	-0.1	-0.1%	19.8%	53.6	53.5	-0.1	-0.2%	19.8%	56.5	55.4	-1.1	-2.0%
21.0% 22.2%	51.2 51.1	51.6 51.5	0.5	0.9%	21.0% 22.2%	52.2 52.2	52.2 52.2	0.0	0.0%	21.0% 22.2%	53.6 53.5	53.4 53.3	-0.2 -0.2	-0.4% -0.5%	21.0%	56.5 56.4	55.1 54.9	-1.3 -1.5	-2.4% -2.7%
23.5%	51.1	51.5	0.4	0.7%	23.5%	52.2	52.2	0.0	0.1%	23.5%	53.4	53.2	-0.2	-0.4%	23.5%	55.8	54.9	-0.9	-1.7%
24.7%	51.0	51.5	0.4	0.8%	24.7%	52.1	52.1	0.0	0.0%	24.7%	53.4	53.2	-0.2	-0.4%	24.7%	55.6	54.9	-0.7	-1.3%
25.9%	51.0	51.3	0.3	0.6%	25.9%	52.0	52.1	0.1	0.2%	25.9%	53.4	53.2	-0.2	-0.3%	25.9%	55.5	54.7	-0.7	-1.3%
27.2% 28.4%	50.9 50.9	51.2 51.1	0.3	0.6%	27.2% 28.4%	52.0 52.0	52.1 52.0	0.1 0.1	0.2% 0.1%	27.2% 28.4%	53.4 53.3	53.2 53.1	-0.2 -0.2	-0.3% -0.4%	27.2% 28.4%	55.4 55.3	54.7 54.7	-0.7 -0.7	-1.2% -1.2%
29.6%	50.9	51.1	0.2	0.4%	29.6%	51.9	52.0	0.1	0.1%	29.6%	53.3	53.0	-0.2	-0.4%	29.6%	55.3	54.6	-0.6	-1.2%
30.9%	50.8	51.0	0.1	0.3%	30.9%	51.9	52.0	0.1	0.2%	30.9%	53.2	53.0	-0.2	-0.4%	30.9%	55.3	54.4	-0.9	-1.6%
32.1% 33.3%	50.8 50.8	50.9 50.9	0.1	0.2%	32.1% 33.3%	51.9 51.8	51.9 51.9	0.0 0.1	0.1% 0.1%	32.1% 33.3%	53.2 53.2	53.0 52.9	-0.3 -0.3	-0.5% -0.6%	32.1% 33.3%	55.1 54.9	54.3 54.3	-0.8 -0.6	-1.4%
34.6%	50.8	50.9	0.1	0.1%	34.6%	51.8	51.9	0.1	0.1%	34.6%	53.1	52.8	-0.3	-0.6%	34.6%	54.9 54.9	54.3 54.2	-0.6	-1.2% -1.2%
35.8%	50.7	50.8	0.1	0.2%	35.8%	51.8	51.8	0.0	0.1%	35.8%	53.1	52.8	-0.3	-0.6%	35.8%	54.8	54.1	-0.7	-1.3%
37.0%	50.7	50.8	0.1	0.3%	37.0%	51.7	51.8	0.0	0.0%	37.0%	53.0	52.7	-0.3	-0.6%	37.0%	54.7	54.0	-0.8	-1.4%
38.3% 39.5%	50.6 50.6	50.8 50.8	0.1	0.3%	38.3% 39.5%	51.7 51.7	51.8 51.7	0.0	0.1%	38.3% 39.5%	53.0 53.0	52.6 52.6	-0.4 -0.4	-0.7% -0.7%	38.3% 39.5%	54.7 54.6	53.9 53.9	-0.8 -0.7	-1.5% -1.2%
40.7%	50.6	50.8	0.2	0.3%	40.7%	51.7	51.6	0.0	0.0%	40.7%	52.9	52.6	-0.4	-0.7%	40.7%	54.6	53.9	-0.7	-1.2%
42.0%	50.5	50.7	0.2	0.3%	42.0%	51.6	51.6	0.0	0.1%	42.0%	52.9	52.5	-0.4	-0.7%	42.0%	54.5	53.8	-0.7	-1.3%
43.2%	50.5	50.5	0.0	0.0%	43.2%	51.6	51.6	0.0	0.0%	43.2%	52.9	52.4	-0.5	-0.9%	43.2%	54.4	53.8	-0.7	-1.2%
44.4% 45.7%	50.5 50.5	50.5 50.5	0.0 -0.1	0.0%	44.4% 45.7%	51.6 51.5	51.6 51.5	0.0	0.0%	44.4% 45.7%	52.8 52.7	52.4 52.4	-0.4 -0.4	-0.8% -0.7%	44.4% 45.7%	54.4 54.4	53.7 53.6	-0.7 -0.8	-1.2% -1.4%
46.9%	50.5	50.4	-0.1	-0.2%	46.9%	51.5	51.5	0.0	0.0%	46.9%	52.7	52.3	-0.4	-0.7%	46.9%	54.4	53.6	-0.8	-1.5%
48.1%	50.5	50.4	-0.1	-0.2%	48.1%	51.5	51.5	0.1	0.2%	48.1%	52.7	52.3	-0.4	-0.8%	48.1%	54.2	53.4	-0.9	-1.6%
49.4% 50.6%	50.5 50.4	50.4 50.4	-0.1 -0.1	-0.3% -0.1%	49.4% 50.6%	51.4 51.4	51.5 51.5	0.1 0.1	0.1% 0.1%	49.4% 50.6%	52.6 52.6	52.3 52.2	-0.3 -0.4	-0.6% -0.7%	49.4% 50.6%	54.1 54.0	53.3 53.3	-0.8 -0.8	-1.4% -1.4%
51.9%	50.4	50.4	0.0	0.0%	51.9%	51.4	51.5	0.1	0.1%	51.9%	52.5	52.2	-0.4	-0.5%	51.9%	53.9	53.2	-0.8	-1.4%
53.1%	50.4	50.3	-0.1	-0.1%	53.1%	51.3	51.5	0.1	0.3%	53.1%	52.5	52.2	-0.3	-0.5%	53.1%	53.8	53.2	-0.6	-1.2%
54.3%	50.3	50.3	0.0	-0.1%	54.3%	51.3	51.4	0.1	0.3%	54.3%	52.5	52.2	-0.3	-0.5%	54.3%	53.8	53.0	-0.8	-1.4%
55.6% 56.8%	50.3 50.3	50.3 50.3	-0.1 0.0	-0.1% -0.1%	55.6% 56.8%	51.3 51.3	51.4 51.4	0.1 0.1	0.2% 0.2%	55.6% 56.8%	52.4 52.2	52.2 52.2	-0.2 0.0	-0.3% 0.0%	55.6% 56.8%	53.7 53.7	53.0 53.0	-0.7 -0.8	-1.3% -1.4%
58.0%	50.3	50.3	0.0	-0.1%	58.0%	51.3	51.3	0.1	0.1%	58.0%	52.2	52.2	0.0	0.0%	58.0%	53.6	53.0	-0.6	-1.1%
59.3%	50.2	50.2	0.0	0.0%	59.3%	51.3	51.3	0.1	0.1%	59.3%	52.2	52.2	0.0	0.0%	59.3%	53.5	52.9	-0.5	-1.0%
60.5% 61.7%	50.2 50.1	50.2 50.2	0.1	0.1%	60.5% 61.7%	51.2 51.2	51.3 51.3	0.1	0.2%	60.5% 61.7%	52.2 52.1	52.1 52.1	0.0	0.0%	60.5% 61.7%	53.5 53.4	52.9 52.8	-0.6 -0.6	-1.1% -1.2%
63.0%	50.1	50.2	0.1	0.2%	63.0%	51.2	51.3	0.1	0.2%	63.0%	52.1	52.0	-0.1	-0.1%	63.0%	53.4	52.8	-0.6	-1.2%
64.2%	50.0	50.1	0.1	0.3%	64.2%	51.1	51.3	0.1	0.2%	64.2%	52.1	52.0	-0.1	-0.1%	64.2%	53.4	52.6	-0.7	-1.4%
65.4%	50.0	50.0	0.0	0.1%	65.4%	51.1	51.3	0.2	0.4%	65.4%	52.1	52.0	-0.1	-0.2%	65.4%	53.3	52.6	-0.7	-1.3%
66.7% 67.9%	50.0 49.9	50.0 50.0	0.1	0.1% 0.1%	66.7% 67.9%	51.1 51.1	51.3 51.2	0.2	0.4%	66.7% 67.9%	52.1 52.0	52.0 52.0	-0.1 -0.1	-0.2% -0.1%	66.7% 67.9%	53.3 53.2	52.5 52.5	-0.8 -0.7	-1.4% -1.4%
69.1%	49.9	50.0	0.0	0.1%	69.1%	51.1	51.2	0.2	0.3%	69.1%	52.0	51.9	-0.1	-0.1%	69.1%	53.2	52.5	-0.7	-1.4%
70.4%	49.9	49.9	0.1	0.1%	70.4%	51.0	51.2	0.1	0.3%	70.4%	52.0	51.9	-0.1	-0.2%	70.4%	53.2	52.5	-0.7	-1.3%
71.6% 72.8%	49.9 49.9	49.9 49.8	0.0	0.1% 0.0%	71.6% 72.8%	51.0 51.0	51.1 51.1	0.1	0.2%	71.6% 72.8%	52.0 51.9	51.9 51.9	-0.1 -0.1	-0.2% -0.1%	71.6% 72.8%	53.2 53.2	52.5 52.4	-0.7 -0.7	-1.4% -1.3%
74.1%	49.8	49.8	0.0	0.0%	74.1%	51.0	51.1	0.1	0.2%	74.1%	51.9	51.8	-0.1	-0.1%	74.1%	53.1	52.3	-0.7	-1.4%
75.3%	49.8	49.7	0.0	-0.1%	75.3%	51.0	51.1	0.1	0.2%	75.3%	51.9	51.8	0.0	0.0%	75.3%	53.0	52.3	-0.7	-1.3%
76.5%	49.7	49.7	0.0	0.0%	76.5%	51.0	51.1	0.1	0.2%	76.5%	51.8	51.8	0.0	0.0%	76.5%	53.0	52.3	-0.7	-1.2%
77.8% 79.0%	49.7 49.7	49.7 49.7	0.0	0.0%	77.8% 79.0%	51.0 51.0	51.1 51.0	0.1	0.2%	77.8% 79.0%	51.8 51.8	51.8 51.8	0.0	0.0%	77.8% 79.0%	53.0 52.9	52.3 52.3	-0.6 -0.6	-1.2% -1.1%
80.2%	49.6	49.6	0.0	0.0%	80.2%	50.9	51.0	0.1	0.2%	80.2%	51.8	51.8	0.0	0.0%	80.2%	52.9	52.2	-0.7	-1.4%
81.5%	49.6	49.6	0.0	0.1%	81.5%	50.9	51.0	0.1	0.2%	81.5%	51.7	51.7	0.0	0.0%	81.5%	52.8	52.2	-0.7	-1.3%
82.7% 84.0%	49.6 49.5	49.6 49.6	0.0	0.1% 0.1%	82.7% 84.0%	50.9 50.9	51.0 51.0	0.1 0.1	0.1%	82.7% 84.0%	51.7 51.6	51.7 51.7	0.1	0.1%	82.7% 84.0%	52.8 52.6	52.1 52.0	-0.7	-1.3% -1.2%
84.0% 85.2%	49.5 49.5	49.5 49.5	0.0	0.1%	84.0% 85.2%	50.9	51.0	0.1	0.2%	84.0% 85.2%	51.6	51.7	0.0	0.1%	84.0% 85.2%	52.6 52.6	52.0	-0.7 -0.7	-1.2% -1.3%
86.4%	49.4	49.5	0.1	0.2%	86.4%	50.8	50.9	0.1	0.1%	86.4%	51.5	51.6	0.2	0.3%	86.4%	52.6	51.9	-0.7	-1.3%
87.7%	49.4	49.4	0.1	0.1%	87.7%	50.8	50.8	0.0	0.0%	87.7%	51.4	51.6	0.2	0.3%	87.7%	52.5	51.9	-0.6	-1.1%
88.9% 90.1%	49.3 49.3	49.3 49.3	0.0	0.1%	88.9% 90.1%	50.7 50.6	50.7 50.6	0.0	0.1%	88.9% 90.1%	51.4 51.4	51.6 51.6	0.2	0.3%	88.9% 90.1%	52.4 52.2	51.8 51.7	-0.6 -0.5	-1.1% -0.9%
90.1%	49.3 49.2	49.3	-0.1	-0.1%	90.1%	50.6	50.6	0.0	0.0%	90.1%	51.4 51.4	51.5 51.5	0.2	0.3%	90.1%	52.2 52.2	51.7	-0.5 -0.5	-0.9%
92.6%	49.1	49.1	0.0	0.0%	92.6%	50.6	50.6	0.0	0.0%	92.6%	51.4	51.5	0.1	0.1%	92.6%	51.7	51.3	-0.4	-0.8%
93.8%	49.1	49.1	0.0	0.0%	93.8%	50.5	50.6	0.0	0.1%	93.8%	51.3	51.5	0.1	0.3%	93.8%	51.5	51.2	-0.3	-0.6%
95.1% 96.3%	48.8 48.7	48.8 48.8	0.1	0.1%	95.1% 96.3%	50.5 50.4	50.5 50.4	0.0	-0.1%	95.1% 96.3%	51.2 51.1	51.4 51.4	0.2	0.5%	95.1% 96.3%	51.5 51.2	51.1 51.1	-0.4 0.0	-0.7% 0.0%
97.5%	48.6	48.8	0.1	0.4%	97.5%	50.4	50.4	0.0	0.2%	97.5%	51.0	51.4	0.3	0.7%	97.5%	51.2	50.7	-0.4	-0.8%
98.8%	48.5	48.6	0.1	0.1%	98.8%	50.1	50.0	0.0	0.0%	98.8%	50.9	51.3	0.3	0.6%	98.8%	50.5	50.4	-0.1	-0.3%
100.0%	48.4	48.5	0.0	0.1%	100.0%	49.9	50.0	0.1	0.2%	100.0%	50.8	50.7	-0.1	-0.2%	100.0%	50.5	50.2	-0.3	-0.5%

Table SQ-03-9a Sacramento River at Balls Ferry, Monthly Temperature Long-term Average and Average by Water Year Type

	Long-term Average and Average by Water Teal Type Monthly Temperature (DEG-F) Period Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Long-term													
Analysis Period	Oct	Nov	Dec	Jan		, ,		,	Jun	Jul	Aua	Sep		
, , , , , , , , , , , , , , , , , , , ,				Lor	ng-term									
Full Simulation Period ¹														
No Action Alternative	55.0	51.6	47.2	45.0	46.0	48.7	51.5	53.4	53.4	54.3	55.4	56.6		
Alternative D	54.3	51.3	47.5	45.3	46.0	48.7	51.9	53.3	53.5	54.2	55.0	55.9		
Difference	-0.7	-0.3	0.3	0.3	0.0	0.1	0.4	0.0	0.1	0.0	-0.4	-0.7		
Percent Difference ³	-1.2%	-0.6%	0.6%	0.6%	0.1%	0.2%	0.8%	-0.1%	0.2%	0.0%	-0.8%	-1.29		
					ear Types									
Wet (32%)														
No Action Alternative	54.4	52.0	47.3	44.9	45.6	47.7	50.7	53.1	53.2	54.1	54.6	54.6		
Alternative D	54.1	51.8	47.8	45.1	45.6	47.8	50.8	52.8	53.1	54.2	54.7	54.4		
Difference	-0.3	-0.2	0.4	0.2	0.0	0.1	0.1	-0.3	-0.1	0.1	0.1	-0.2		
Percent Difference	-0.5%	-0.4%	0.9%	0.4%	0.1%	0.1%	0.3%	-0.5%	-0.2%	0.2%	0.2%	-0.49		
Above Normal (15%)	2.270											2.17		
No Action Alternative	53.8	51.3	47.7	45.3	46.0	48.9	51.9	53.7	52.5	53.1	54.8	55.4		
Alternative D	53.3	51.2	48.1	45.5	46.0	48.9	52.2	53.4	52.7	53.2	54.9	55.1		
Difference	-0.4	-0.2	0.4	0.2	0.0	0.0	0.3	-0.3	0.2	0.1	0.1	-0.4		
Percent Difference	-0.8%	-0.3%	0.9%	0.5%	0.0%	0.1%	0.5%	-0.5%	0.4%	0.1%	0.1%	-0.79		
Below Normal (17%)														
No Action Alternative	53.5	51.0	47.5	45.0	45.7	48.6	51.9	53.4	53.0	53.5	54.3	56.0		
Alternative D	52.9	50.7	47.7	45.2	45.7	48.6	52.4	53.4	53.1	53.6	54.3	55.5		
Difference	-0.6	-0.3	0.2	0.2	0.0	0.0	0.5	0.0	0.1	0.0	0.0	-0.5		
Percent Difference	-1.1%	-0.5%	0.4%	0.5%	0.0%	0.1%	1.0%	0.0%	0.3%	0.1%	-0.1%	-0.9%		
Dry (22%)														
No Action Alternative	55.3	51.8	47.2	45.1	46.2	49.3	51.8	53.0	53.5	53.8	55.3	57.4		
Alternative D	54.2	51.3	47.2	45.5	46.2	49.4	52.4	53.2	53.9	54.0	54.7	56.5		
Difference	-1.1	-0.5	0.0	0.4	0.0	0.1	0.6	0.2	0.4	0.2	-0.6	-1.0		
Percent Difference	-2.0%	-1.0%	0.1%	0.8%	0.1%	0.2%	1.1%	0.3%	0.7%	0.3%	-1.0%	-1.79		
Critical (15%)														
No Action Alternative	58.8	51.6	46.4	45.1	46.8	49.6	51.7	54.1	55.2	57.3	59.1	61.7		
Alternative D	57.5	51.3	46.7	45.4	46.9	49.7	52.4	54.4	55.2	56.6	56.8	59.8		
Difference	-1.3	-0.3	0.3	0.3	0.2	0.1	0.7	0.3	-0.1	-0.7	-2.3	-1.9		
Percent Difference	-2.2%	-0.6%	0.7%	0.7%	0.4%	0.3%	1.4%	0.6%	-0.1%	-1.3%	-3.9%	-3.09		



Figure SQ-03-9b Sacramento River at Balls Ferry, Monthly Temperature Probability of Exceedance

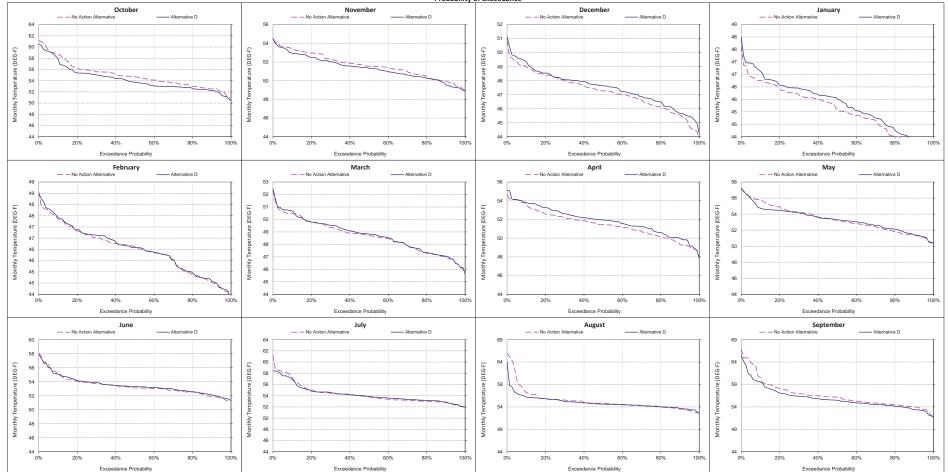


Table SQ-03-9b Sacramento River at Balls Ferry, Monthly Temperature Probability of Exceedance

Octobe Novembe January Percent Percent Percent Percent No Action Alternative Alternative D Absolute Relative Relative Relative Relative Exceedance Exceedance Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG-F) (DEG.E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% 0.0% 61.2 60.6 -0.6 -1.0% 0.0% 54.5 0.0% 50.9 51.1 0.6% 48.0 0.8% 1.2% 61.0 60.3 -0.7 -1.1% 1.2% 54.1 54.0 -0.2 -0.3% 1.2% 49.7 50.4 0.7 1.4% 1.2% 46.9 47.2 0.4 0.8% 2.5% 60.7 59.5 -2.0% 2.5% 54.0 53.7 -0.6% 2.5% 49.6 49.8 0.4% 2.5% 46.8 47.0 0.3% 3.7% 3.7% 60.1 59.4 -0.7 -1.2% 3.7% 53.7 53.6 -0.1 -0.3% 3.7% 49.4 49.8 0.4 0.7% 46.5 47.0 0.5 1.1% 4.9% 59.5 59.2 -0.3 -0.4% 4.9% 53.7 53.5 -0.1 -0.3% 4.9% 49.4 49.7 0.3 0.6% 4.9% 46.4 47.0 0.5 1.2% 6.2% 6.2% 6.2% 6.2% 59.1 59.1 0.0 0.0% 53.6 53.5 -0.1 -0.2% 49.1 49.6 0.4 0.8% 46.4 46.9 0.6 1.2% 7.4% -0.4% 7.4% 53.3 -0.3 -0.5 -0.6% 7.4% 49.1 49.6 0.5 0.9% 7.4% 46.3 46.8 0.4 1.0% 8.6% 8.6% 8.6% 8.6 · . 9.9% 11.1% 12.3% 8.6% 58.9 58.4 -0.5 -0.8% 53.5 53.0 -1.0% 49 1 494 0.7% 46.3 46.7 1.0% 9.9% 0.8% 11.1% 12.3% 58.6 56.8 -1.7 -3.0% 11.1% 53.3 52.9 -0.4 -0.7% 11.1% 48.9 49.1 0.2 0.4% 46.2 46.5 0.3 0.6% 13.6% 13.6% 13.6% 0.3% 57.9 56.6 -12 -2.1% 53.2 52.8 -0 4 -0.7% 48.7 48.8 0.1 0.3% 46.2 46.3 0.1 -1.9% 16.0% 16.0% 16.0% 16.0% 57.3 56.0 -1.3 -2.2% 53.1 52.8 -0.3 -0.5% 48.5 48.7 0.1 0.3% 46.1 46.3 0.2 0.4% 18.5% 18.5% -0.8% 18.5% 0.2% 18.5% 0.4% 56.4 55.6 -0.9 -1.6% 53.0 52.6 -0.4 48.5 48.5 0.1 46.0 46.2 0.2 19.8% 21.0% 56.1 56.1 -0.7 -0.7 -1.2% 52.5 52.5 -0.4 -0.5 19.8% 0.1 19.8% 21.0% 0.1 21.0% 55.4 -1.3% 52.9 -0.9% 48.4 48.5 0.3% 45.9 46.1 0.4% 22.2% 23.5% 55.3 55.3 -1.2% -1.1% 22.2% 23.5% 52.5 -0.9% 22.2% 23.5% 22.2% 23.5% 0.2 52.3 -0.6 -0.6 0.0 56.0 52.9 -1.2% 48.4 48.3 45.8 46.0 0.5% 0.0% 24.7% 25.9% -0.6 -0.6 -1.1% -1.1% 24.7% 25.9% 24.7% 25.9% 0.1% 24.7% 25.9% 55.9 52.2 48.2 48.3 45.8 46.0 0.2 55.9 55.3 52.8 52.2 -0.6 -1.2% 48.2 0.0 45.8 0.4% 48.2 46.0 27.2% 28.4% 27.2% 28.4% 27.2% 28.4% 55.8 55.2 -1.2% 27.2% 52.4 52.2 -n 2 -0.4% 48 1 48.2 45.8 46.0 0.2 55.8 -0.7 -1.3% 28.4% 52.3 52.1 -0.2 -0.4% 48.1 0.0 0.1% 45.7 0.2 0.5% 48.1 46.0 29.6% 30.9% -0.9% -1.1% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 55.6 55.6 -0.5 -0.6 -0.3 -0.3 -0.6% 0.0 0.1% 46.0 0.2 -0.5% 47.9 45.6 45.9 0.6% 32.1% 55.6 54.9 -0.6 -1.1% 32.1% 52.2 51.9 -0.2 -0.4% 32.1% 47.9 48.1 0.4% 32.1% 45.6 45.9 0.3 0.6% 33.3% 55.6 -1.3% 33.3% 51.9 -0.2 -0.5% 33.3% 47.8 0.2 0.4% 33.3% 45.9 0.3 0.7% 34.6% 55.5 -0.8 -1.4% 34.6% 52.0 51.8 -0.3 -0.5% 34.6% 47.8 48.0 0.2 0.4% 34.6% 45.6 45.9 0.3 0.6% 35.8% 55.5 -1.5% 35.8% 51.7 35.8% 0.2 35.8% 0.3 -0.6% 0.4% 45.8 0.6% 37.0% 55.4 -0.8 -1.4% 37.0% 51.9 51.6 -0.3-0.6% 37.0% 47.8 48.0 0.2 0.4% 37.0% 45.6 45.8 0.2 0.5% 38.3% 55.4 54.6 38.3% 51.6 38.3% 47.7 38.3% -1.4% 47.9 39.5% 55.2 54.4 -0.8 -1.4% 39.5% 51.9 51.6 -0.3 -0.6% 39.5% 47.7 47.9 0.2 0.5% 39.5% 45.5 45.7 0.2 0.5% 40.7% 55.0 54.4 -1.1% 40.7% 51.9 51.5 -0.3 -0.6% 40.7% 47.6 47.9 0.4 0.8% 40.7% 45.5 45.7 0.2 0.4% 0.2 42.0% 54.9 54.4 -0.5 -0.9% 42.0% 51.8 51.5 -0.3-0.6% 42.0% 47.5 47.8 0.3 0.6% 42.0% 45.5 45.7 0.4% -0.6% 43.2% 54.8 54.3 -0.5 -0.9% 43.2% 51.8 51.5 -0.3 43.2% 47.5 47.8 0.3 0.6% 43.2% 45.4 45.6 0.2 0.5% 44.4% 54.2 -0.6 -1.2% 44.4% 51.7 51.5 -0.3 -0.5% 44.4% 47.4 47.7 0.3 0.6% 44.4% 45.4 45.6 0.2 0.5% 45.7% 45.7% 45.7% 54.8 54.0 -0.8 -1.4% 51.7 51.4 -0.3 -0.6% 47.4 47.7 0.3 0.6% 45.7% 45.4 45.6 0.3 0.6% 46.9% 54.8 53.9 -0.9 -1.6% 46.9% 51.6 51.4 -0.2-0.5% 46.9% 47.3 47.7 0.4 0.8% 46.9% 45.3 45.6 0.3 0.6% 48.1% 49.4% 54.8 53.8 -1.0 -1.8% 48.1% 51.6 51.4 -0.2 -0.3% 48.1% 47.3 47.7 0.3 0.7% 48.1% 45.3 45.6 0.3 0.6% 53.7 -1.8% 49.4% 51.4 -0.2-0.4% 49.4% 47.3 47.6 0.8% 49.4% 45.1 45.6 0.4 1.0% 50.6% 50.6% 50.6% 54.7 53.7 -1.0 -1.8% 51.5 51.3 -0.2 -0.4% 47.3 47.6 0.4 0.8% 50.6% 45.1 45.5 0.4 0.9% 51.9% 53.6 -1.8% 51.9% 51.3 51.3 -0.2 -0.3 -0.5% 47.2 0.4 0.8% 51.9% 53.1% 45.0 45.4 0.4 0.9% 53.1% 53.1% 53.1% 54.5 -1.0 53.6 -1.8% 51.5 -0.5% 47.2 476 0.3 45.0 45.4 0.8% 55.6% 56.8% 55.6% 55.6% 55.6% 0.5% 54.3 53.4 -0.9 -1.6% 51.5 51.1 -0.4 -0.7% 47.1 47.5 0.4 0.9% 45.0 45.2 0.2 58.0% 58.0% 58.0% 54.1 53.1 -1.0 -1.9% 51.5 51.0 -0.4 -0.8% 47.0 47.4 0.4 0.8% 58.0% 44.9 45.2 0.3 0.6% 60.5% 60.5% 60.5% 54.1 53.0 -1.1 -2.0% 51.4 50.9 -0.5 -0.9% 47.0 47.2 0.2 0.4% 60.5% 44.8 45.0 0.2 0.4% 61.7% 61.7% 45.0 63.0% 63.0% 53.9 -1.7% 63.0% 63.0% 0.1 53.0 -0.9 51.2 50.9 -0.4 -0.7% 46.9 47.2 0.2 0.5% 44.8 45.0 0.3% 64.2% 65.4% 53.0 53.0 -1.6% -1.6% 64.2% 65.4% 50.8 50.8 -0.8% -0.9% 64.2% 65.4% 0.5% 64.2% 65.4% 0.2 53.8 -0.8 51.2 -0.4 46.8 47.1 0.2 44.7 44.9 0.4% 66.7% 67.9% 53.8 53.7 -1.6% -1.5% 66.7% 67.9% 66.7% 67.9% 66.7% 67.9% 53.0 52.9 -0.8 50.7 50.7 -0.4 -0.4 -0.9% 46.8 0.3 0.5% 44 9 0.2 0.4% -0.8 51.1 47.0 44.7 44.9 -0.8% 46.7 0.6% 0.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% -1.3% 0.4% 44.7 44.8 0.1 53.6 -0.7 -1.3% 50.9 50.6 -0.3 -0.6% 46.6 46.8 0.3 0.6% 44.6 44.7 0.3% 71.6% 53.6 52.9 -0.7 -1.3% -1.1% 71.6% 50.8 50.6 -0.5% 71.6% 46.4 46.8 0.3 71.6% 44 5 447 0.3 0.6% 72.8% 53.5 52.9 -0.6 72.8% 50.8 50.5 -0.3 -0.6% 72.8% 46.4 46.8 0.3 0.7% 72.8% 44.4 44.7 0.3 0.6% -0.9% -0.9% 74.1% 75.3% 74.1% 75.3% 74.1% -0.2 -0.2 -0.5% 74.1% 0.9% 44.3 44.6 0.2 75.3% -0.4% 75.3% 46.2 0.4 0.3% 76.5% 53.3 52.8 -0.5 -1.0% 76.5% 50.6 50.4 -0.2 -0.4% 76.5% 46.2 46.6 0.3 0.7% 76.5% 44.1 44.4 0.3 0.8% 77.8% -0.9% 77.8% -0.2 -0.4% 77.8% 0.8% 77.8% 0.4 53.2 50.4 46.2 44.4 0.8% 79.0% 53.0 -0.3 -0.5% 79.0% 50.6 50.3 -0.2 -0.4% 79.0% 46.1 46.5 0.4 0.8% 79.0% 44.0 44.4 0.3 0.8% 80.2% 53.0 -0.8% 80.2% 50.2 80.2% 46.1 0.3 80.2% 44.2 52.5 -0.3% 46.5 44.0 0.5% 81.5% 53.0 52.5 -0.4-0.8% 81.5% 50.2 50.2 -0.1% 81.5% 46.1 46.2 0.3% 81.5% 44.0 44.2 0.2 0.4% 82.7% 82.7% 52.9 52.5 -0.8% 82.7% 50.2 0.1% 46.2 0.4% 82.7% 44.0 44.1 0.1 0.3% 84.0% 52.8 52.4 -0.4 -0.7% 84.0% 50.1 50.1 0.1% 84.0% 45.9 46.1 0.2 0.4% 84.0% 43.9 44.1 0.2 0.3% 85.2% 52.7 52.4 -0.3 -0.5% 85.2% 50.1 50.1 0.1 0.1% 85.2% 45.7 46.1 0.4 0.8% 85.2% 43.8 44.1 0.3 0.6% 86.4% 52.7 52.4 -0.5% 86.4% 50.0 50.0 0.1% 86.4% 45.7 46.0 0.7% 86.4% 43.7 44.0 0.3 87.7% 52.7 52.4 -0.3 -0.5% 87.7% 50.0 49 9 -0.1 -0.3% 87.7% 45.6 45.8 0.2 0.4% 87.7% 43.7 44.0 0.3 0.6% 88.9% 52.5 52.3 -0.3 -0.5% 88.9% 50.0 49.8 -0.2 -0.3% 88.9% 45.6 45.7 0.1 0.3% 88.9% 43.7 43.9 0.2 0.5% 90.1% 52.5 52.2 -0.3 -0.6% 90.1% 50.0 49.5 -0.5 -0.9% 90.1% 45.6 45.7 0.1 0.2% 90.1% 43.7 43.8 0.2 0.4% 91.4% 52.2 52.0 -0.6% 91.4% 49.8 49.5 91.4% 45.4 91.4% 43.7 43.8 0.1 91.4% 92.6% 92.6% 52.5 -0.5 -0.9% 49.8 494 -0.4 -0.9% 45.4 45.6 0.2 0.4% 92.6% 43.6 43.8 0.3% 93.8% 52.2 -0.6% 49.3 -0.4 -0.9% 93.8% 51.9 -0.393.8% 49.7 93.8% 45.1 45.5 0.9% 43.3 43.7 0.4 0.9% 95.1% 95.1% 95.1% 95.1% 52.1 51.4 -0.7 -1.3% 49.4 49.3 -0.1 -0.3% 44.7 45.4 0.8 1.7% 43.3 43.7 0.3 0.8% 96.3% 51.2 51.2 8.0--1.5% 96.3% 49.4 49.3 -0.3% 96.3% 97.5% 44.5 0.8 96.3% 97.5% 42.9 43.6 0.7 1.6% 97.5% 97.5% 0.2% 51.3 -0.1 -0.3% 493 491 -0 2 -0.4% 44 5 45.2 1.5% 42 9 43.0 -0.6% 44.4 98.8% 100.0% 100.0% 100.0% 100.0% 50.8 50.5 0.0 -0.7% 48.9 48.9 -0.1% 43.7 44.2 0.5 1.2% 42.5 42.7 0.2 0.5%

Table SQ-03-9b Sacramento River at Balls Ferry, Monthly Temperature Probability of Exceedance

									Probability	of Exceedance									
Percent		February			Percent		March			Percent		April			Percent		May		
Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative
Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)
0.0%	(DEG-F) 48.6	(DEG-F) 48.5	-0.1	-0.1%	0.0%	(DEG-F) 52.3	(DEG-F) 52.5	0.1	0.2%		(DEG-F) 54.6	(DEG-F) 55.1	0.5	0.9%		(DEG-F) 57.2	(DEG-F) 57.2	0.0	0.0%
1.2%	47.9	48.3	0.3	0.7%	1.2%	51.4	51.7	0.2	0.5%	1.2%	54.2	55.1	0.9	1.6%	1.2%	56.8	56.9	0.1	0.2%
2.5%	47.8	48.1	0.3	0.6%	2.5%	50.9	51.0	0.1	0.1%	2.5%	54.2	54.2	0.0	0.0%	2.5%	56.7	56.5	-0.2	-0.3%
3.7%	47.8 47.8	47.9 47.8	0.1	0.2%	3.7%	50.7 50.7	51.0 50.8	0.3	0.5%	3.7% 4.9%	54.1 54.1	54.1 54.1	0.0	0.0%	3.7% 4.9%	56.3 56.1	56.4 56.0	0.1 -0.1	0.1%
6.2%	47.6	47.8	0.0	0.3%	6.2%	50.6	50.8	0.1	0.4%	6.2%	54.1	54.1	-0.1	-0.1%	6.2%	56.0	55.7	-0.4	-0.7%
7.4%	47.5	47.7	0.1	0.3%	7.4%	50.5	50.8	0.3	0.5%	7.4%	53.8	54.0	0.2	0.4%	7.4%	55.8	55.3	-0.5	-0.9%
8.6% 9.9%	47.5 47.4	47.6 47.4	0.0	0.1%	8.6% 9.9%	50.5 50.5	50.7 50.7	0.2	0.5%	8.6% 9.9%	53.8 53.7	53.9 53.8	0.1 0.1	0.2%	8.6% 9.9%	55.8 55.8	54.8 54.7	-1.0 -1.1	-1.8% -1.9%
11.1%	47.3	47.4	0.1	0.2%	11.1%	50.4	50.5	0.2	0.2%	11.1%	53.3	53.7	0.1	0.8%	11.1%	55.7	54.7	-1.0	-1.8%
12.3%	47.3	47.3	0.0	0.1%	12.3%	50.4	50.3	-0.2	-0.3%	12.3%	53.2	53.7	0.5	1.0%	12.3%	55.4	54.6	-0.8	-1.5%
13.6% 14.8%	47.2 47.1	47.2 47.1	0.1 0.1	0.1% 0.2%	13.6% 14.8%	50.4 50.2	50.2 50.1	-0.2 -0.1	-0.4% -0.2%	13.6% 14.8%	53.2 53.1	53.7 53.7	0.5 0.6	1.0% 1.1%	13.6% 14.8%	55.3 55.2	54.6 54.6	-0.7 -0.6	-1.3% -1.1%
16.0%	47.0	47.1	0.1	0.2%	16.0%	50.2	50.1	0.0	-0.1%	16.0%	52.9	53.5	0.5	1.0%	16.0%	55.1	54.5	-0.5	-1.1%
17.3%	47.0	47.1	0.0	0.1%	17.3%	49.9	49.9	0.1	0.1%	17.3%	52.8	53.4	0.6	1.2%	17.3%	55.0	54.5	-0.5	-0.9%
18.5%	46.9	46.9 46.9	0.0	0.1%	18.5%	49.9 49.8	49.9 49.8	0.0	0.0%	18.5%	52.8	53.3	0.5	1.0%	18.5%	54.9 54.9	54.5	-0.4	-0.8%
19.8% 21.0%	46.8 46.8	46.9 46.9	0.1	0.2% 0.2%	19.8% 21.0%	49.8 49.8	49.8 49.8	-0.1 0.0	-0.1% 0.0%	19.8% 21.0%	52.6 52.5	53.3 53.2	0.7 0.7	1.3%	19.8% 21.0%	54.9 54.7	54.5 54.4	-0.5 -0.3	-0.8% -0.5%
22.2%	46.7	46.7	0.0	0.0%	22.2%	49.7	49.8	0.0	0.1%	22.2%	52.5	53.1	0.6	1.2%	22.2%	54.7	54.4	-0.3	-0.5%
23.5%	46.7	46.7	0.0	0.0%	23.5%	49.7	49.7	0.0	0.0%	23.5%	52.5	53.0	0.5	0.9%	23.5%	54.5	54.4	-0.1	-0.3%
24.7% 25.9%	46.7 46.6	46.7 46.7	0.0	-0.1% 0.0%	24.7% 25.9%	49.7 49.6	49.7 49.7	0.0	-0.1% 0.1%	24.7% 25.9%	52.4 52.3	52.9 52.9	0.5 0.6	1.0% 1.1%	24.7% 25.9%	54.4 54.4	54.3 54.3	-0.1 -0.1	-0.2% -0.2%
27.2%	46.6	46.7	0.0	0.1%	27.2%	49.5	49.6	0.1	0.2%	27.2%	52.3	52.8	0.5	1.0%	27.2%	54.3	54.2	-0.1	-0.1%
28.4%	46.5	46.6	0.1	0.3%	28.4%	49.4	49.6	0.2	0.4%	28.4%	52.3	52.7	0.4	0.7%	28.4%	54.3	54.2	-0.1	-0.1%
29.6% 30.9%	46.5 46.5	46.6 46.6	0.1	0.3% 0.2%	29.6% 30.9%	49.4 49.4	49.5 49.5	0.2	0.3%	29.6% 30.9%	52.2 52.1	52.6 52.6	0.5 0.5	0.9%	29.6% 30.9%	54.2 54.2	54.2 54.1	0.0 -0.1	0.0% -0.2%
32.1%	46.5	46.6	0.1	0.2%	32.1%	49.3	49.5	0.2	0.4%	32.1%	52.1	52.5	0.5	0.9%	32.1%	54.2	54.1	-0.1	-0.2%
33.3%	46.4	46.6	0.2	0.4%	33.3%	49.3	49.5	0.2	0.4%	33.3%	52.1	52.4	0.4	0.7%	33.3%	54.1	54.0	-0.2	-0.3%
34.6% 35.8%	46.4 46.4	46.6 46.5	0.2	0.4%	34.6% 35.8%	49.2 49.1	49.3 49.3	0.2	0.4%	34.6% 35.8%	52.0 51.9	52.4 52.3	0.4	0.7% 0.7%	34.6% 35.8%	54.1 54.0	53.8 53.8	-0.2 -0.2	-0.4% -0.4%
37.0%	46.4	46.5 46.5	0.1	0.4%	37.0%	49.1	49.3	0.2	0.4%	37.0%	51.9	52.3	0.4	0.6%	35.6%	54.0 54.0	53.8	-0.2	-0.4%
38.3%	46.3	46.4	0.1	0.3%	38.3%	48.9	49.2	0.2	0.5%	38.3%	51.9	52.2	0.3	0.6%	38.3%	53.9	53.7	-0.2	-0.4%
39.5%	46.3	46.4	0.1	0.3%	39.5%	48.9	49.1	0.2	0.4%	39.5%	51.9	52.2	0.3	0.6%	39.5%	53.7	53.7	0.0	0.0%
40.7% 42.0%	46.3 46.2	46.3 46.2	0.0	0.0%	40.7% 42.0%	48.9 48.9	49.1 49.1	0.2	0.4%	40.7% 42.0%	51.9 51.7	52.2 52.1	0.3	0.6%	40.7% 42.0%	53.6 53.6	53.5 53.5	-0.1 -0.1	-0.1% -0.2%
43.2%	46.2	46.2	0.0	0.0%	43.2%	48.9	49.0	0.1	0.2%	43.2%	51.7	52.1	0.4	0.7%	43.2%	53.5	53.5	-0.1	-0.1%
44.4%	46.2	46.2	0.0	-0.1%	44.4%	48.9	48.9	0.1	0.2%	44.4%	51.6	52.1	0.4	0.8%	44.4%	53.5	53.4	-0.1	-0.1%
45.7% 46.9%	46.2 46.2	46.2 46.2	-0.1	-0.1% -0.1%	45.7% 46.9%	48.8 48.8	48.9 48.9	0.0	0.1%	45.7% 46.9%	51.6 51.5	52.0 52.0	0.4 0.5	0.8%	45.7% 46.9%	53.4 53.3	53.4 53.4	0.0	0.1%
48.1%	46.2	46.1	-0.1	-0.2%	48.1%	48.8	48.9	0.1	0.2%	48.1%	51.5	52.0	0.5	1.0%	48.1%	53.3	53.4	0.1	0.1%
49.4%	46.1	46.1	-0.1	-0.1%	49.4%	48.7	48.8	0.1	0.2%	49.4%	51.4	51.9	0.5	1.0%	49.4%	53.3	53.3	0.0	0.1%
50.6% 51.9%	46.1 46.0	46.1 46.1	0.0 0.1	0.0%	50.6% 51.9%	48.7 48.7	48.8 48.8	0.1 0.1	0.2%	50.6% 51.9%	51.4 51.4	51.9 51.9	0.5 0.5	1.0% 0.9%	50.6% 51.9%	53.2 53.1	53.3 53.3	0.0	0.1% 0.2%
53.1%	46.0	46.1	0.1	0.1%	53.1%	48.6	48.8	0.1	0.3%	53.1%	51.4	51.9	0.5	0.9%	53.1%	53.1	53.2	0.1	0.3%
54.3%	46.0	46.0	0.0	0.0%	54.3%	48.6	48.7	0.2	0.4%	54.3%	51.4	51.9	0.5	0.9%	54.3%	53.0	53.2	0.2	0.3%
55.6% 56.8%	45.9 45.9	45.9 45.9	0.0	0.0%	55.6% 56.8%	48.5 48.5	48.6 48.6	0.1 0.1	0.2% 0.2%	55.6% 56.8%	51.3 51.3	51.8 51.8	0.5 0.5	0.9% 1.0%	55.6% 56.8%	52.9 52.9	53.1 53.1	0.2 0.2	0.4%
58.0%	45.9	45.9	0.0	0.1%	58.0%	48.5	48.6	0.1	0.2%	58.0%	51.2	51.7	0.5	1.0%	58.0%	52.9	53.1	0.2	0.5%
59.3%	45.9	45.9	0.0	0.1%	59.3%	48.5	48.5	0.1	0.2%	59.3%	51.2	51.6	0.3	0.7%	59.3%	52.8	53.0	0.2	0.4%
60.5%	45.9 45.8	45.9 45.8	0.0	0.0%	60.5% 61.7%	48.5 48.3	48.5 48.5	0.1	0.1%	60.5% 61.7%	51.2 51.1	51.5 51.5	0.4	0.8%	60.5% 61.7%	52.8 52.7	53.0 53.0	0.2	0.4%
63.0%	45.8 45.8	45.8 45.8	0.0	0.0%	63.0%	48.3 48.2	48.5 48.2	0.1	0.3%	63.0%	51.1 51.1	51.5 51.4	0.4	0.7%	63.0%	52.7 52.7	53.0	0.2	0.4%
64.2%	45.8	45.8	0.0	-0.1%	64.2%	48.2	48.2	0.0	0.1%	64.2%	51.1	51.3	0.3	0.5%	64.2%	52.6	52.9	0.3	0.5%
65.4%	45.8	45.8	0.0	0.0%	65.4%	48.2	48.2	0.0	0.0%	65.4%	50.9	51.3	0.4	0.8%	65.4%	52.6	52.8	0.1	0.3%
66.7% 67.9%	45.8 45.7	45.7 45.7	0.0	0.0% 0.1%	66.7% 67.9%	48.2 48.1	48.1 48.1	0.0	0.0%	66.7% 67.9%	50.9 50.8	51.3 51.3	0.4 0.5	0.8%	66.7% 67.9%	52.6 52.6	52.8 52.7	0.2	0.3%
69.1%	45.5	45.6	0.0	0.1%	69.1%	48.0	48.0	0.0	0.0%	69.1%	50.8	51.3	0.5	0.9%	69.1%	52.5	52.6	0.1	0.2%
70.4%	45.5	45.5	0.1	0.2%	70.4%	47.8	47.9	0.0	0.1%	70.4%	50.6	51.3	0.6	1.2%	70.4%	52.4	52.6	0.2	0.4%
71.6% 72.8%	45.3 45.3	45.3 45.2	0.0 -0.1	0.0% -0.2%	71.6% 72.8%	47.8 47.7	47.8 47.8	0.0	0.1%	71.6% 72.8%	50.6 50.6	51.2 51.1	0.5 0.5	1.1%	71.6% 72.8%	52.3 52.3	52.6 52.5	0.3	0.5% 0.4%
74.1%	45.1	45.2	0.0	0.1%	74.1%	47.7	47.7	0.0	0.0%	74.1%	50.4	51.0	0.6	1.2%	74.1%	52.1	52.3	0.1	0.3%
75.3%	45.0	45.1	0.1	0.2%	75.3%	47.5	47.7	0.2	0.3%	75.3%	50.4	51.0	0.6	1.2%	75.3%	52.1	52.2	0.2	0.3%
76.5% 77.8%	45.0 45.0	45.0 45.0	0.0	0.1% 0.1%	76.5% 77.8%	47.5 47.4	47.6 47.4	0.2	0.3%	76.5% 77.8%	50.4 50.3	50.7 50.7	0.4	0.7% 0.7%	76.5% 77.8%	52.1 52.0	52.2 52.2	0.2	0.3%
79.0%	44.9	45.0	0.1	0.2%	79.0%	47.3	47.3	0.0	0.0%	79.0%	50.2	50.6	0.4	0.8%	79.0%	51.9	52.1	0.2	0.5%
80.2%	44.8	44.9	0.1	0.2%	80.2%	47.3	47.3	0.1	0.1%	80.2%	50.2	50.6	0.4	0.9%	80.2%	51.8	52.1	0.3	0.6%
81.5%	44.8 44.8	44.8 44.8	0.0	0.1%	81.5%	47.3 47.2	47.3 47.3	0.0	0.1%	81.5%	50.1	50.5 50.3	0.4	0.8%	81.5%	51.8 51.6	52.0 51.9	0.3	0.6%
82.7% 84.0%	44.8 44.8	44.8	0.0	0.1%	82.7% 84.0%	47.2 47.2	47.3 47.2	0.1	0.1%	82.7% 84.0%	50.0 50.0	50.3	0.3 0.1	0.7%	82.7% 84.0%	51.6 51.5	51.9	0.3	0.5% 0.7%
85.2%	44.7	44.7	0.0	0.0%	85.2%	47.2	47.2	0.0	0.0%	85.2%	49.9	50.1	0.2	0.4%	85.2%	51.5	51.7	0.2	0.4%
86.4%	44.7	44.7	0.0	0.0%	86.4%	47.1	47.1	0.0	0.0%	86.4%	49.8	50.1	0.3	0.6%	86.4%	51.4	51.7	0.2	0.4%
87.7% 88.9%	44.6 44.6	44.7 44.7	0.1	0.1%	87.7% 88.9%	47.0 47.0	47.1 47.1	0.1	0.2%	87.7% 88.9%	49.6 49.6	50.1 50.1	0.5	0.9%	87.7% 88.9%	51.4 51.4	51.6 51.5	0.1	0.3%
90.1%	44.5	44.6	0.1	0.1%	90.1%	47.0	47.1	0.0	0.1%	90.1%	49.0	50.0	0.5	1.4%	90.1%	51.4	51.5	0.0	-0.1%
91.4%	44.5	44.5	0.0	0.1%	91.4%	46.9	47.0	0.1	0.3%	91.4%	49.3	49.8	0.6	1.2%	91.4%	51.3	51.3	0.0	0.0%
92.6%	44.4 44.4	44.5	0.1	0.2%	92.6%	46.8	46.8 46.8	0.0	0.0%	92.6%	49.2	49.8	0.6	1.2%	92.6%	51.2	51.3	0.1	0.2%
93.8% 95.1%	44.4 44.2	44.3 44.3	-0.1 0.1	-0.1% 0.1%	93.8% 95.1%	46.8 46.5	46.8 46.5	0.0	0.0%	93.8% 95.1%	49.2 49.1	49.8 49.2	0.6 0.1	1.3% 0.2%	93.8% 95.1%	51.1 51.1	51.2 51.1	0.1	0.2% 0.1%
96.3%	44.2	44.2	0.1	0.2%	96.3%	46.4	46.4	0.0	0.1%	96.3%	48.9	49.2	0.3	0.5%	96.3%	51.0	51.1	0.1	0.2%
97.5%	44.1	44.2	0.1	0.2%	97.5%	46.1	46.2	0.0	0.1%	97.5%	48.8	48.9	0.1	0.1%	97.5%	50.6	50.5	-0.1	-0.3%
98.8% 100.0%	44.1 43.4	44.1 43.4	0.0	-0.1% 0.0%	98.8% 100.0%	46.1 45.6	46.1 45.6	0.1	0.2%	98.8% 100.0%	48.7 47.8	48.7 47.8	0.0	0.0%	98.8% 100.0%	50.5 50.4	50.5 50.3	-0.1 -0.1	-0.1% -0.1%
100.0%	40.4	43.4	0.0	0.076	100.0%	40.0	40.0	0.0	0.076	100.0%	47.0	47.0	0.0	0.076	100.0%	30.4	30.3	*0.1	*0.170

Table SQ-03-9b Sacramento River at Balls Ferry, Monthly Temperature Probability of Exceedance

									Probability	of Exceedance									
Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative
Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)
0.0%	(DEG-F) 58.1	(DEG-F) 57.9	-0.2	-0.3%	0.0%	(DEG-F) 61.2	(DEG-F) 58.4	-2.8	-4.6%		(DEG-F) 66.0	(DEG-F) 64.0	-2.0	-3.0%	(%) 0.0%	(DEG-F) 66.8	(DEG-F) 65.5	-1.3	-2.0%
1.2%	57.7	57.9 57.4	-0.2	-0.5%	1.2%	58.7	58.4	-2.8	-0.5%	1.2%	65.2	58.8	-6.4	-9.9%	1.2%	65.0	64.2	-0.8	-2.0%
2.5%	56.6	56.8	0.2	0.3%	2.5%	58.7	58.4	-0.3	-0.5%	2.5%	64.5	58.5	-6.0	-9.3%	2.5%	64.9	63.3	-1.7	-2.6%
3.7%	56.6	56.7	0.1	0.2%	3.7%	58.5	58.0	-0.4	-0.7%	3.7%	63.1	57.4	-5.7	-9.1%	3.7%	64.9	61.3	-3.6	-5.5%
4.9% 6.2%	56.5	56.0	-0.5	-0.9%	4.9%	58.2	57.5 57.5	-0.6	-1.1%	4.9%	60.2	57.0	-3.1	-5.2%	4.9%	63.9	61.2	-2.7	-4.3%
6.2% 7.4%	55.7 55.5	55.9 55.2	0.2 -0.3	0.4% -0.6%	6.2% 7.4%	58.1 58.1	57.5 57.5	-0.6 -0.6	-1.0% -1.0%	6.2% 7.4%	59.0 58.6	56.7 56.6	-2.2 -2.0	-3.8% -3.3%	6.2% 7.4%	63.5 63.4	60.1 59.9	-3.4 -3.5	-5.3% -5.5%
8.6%	55.5	55.2	-0.3	-0.6%	8.6%	57.8	57.3	-0.6	-1.0%	8.6%	57.7	56.5	-1.3	-2.2%	8.6%	60.9	59.7	-1.2	-2.0%
9.9%	55.0	55.1	0.0	0.0%	9.9%	56.9	57.2	0.3	0.5%	9.9%	57.2	56.2	-1.0	-1.8%	9.9%	60.6	59.6	-1.0	-1.6%
11.1%	54.9	55.0	0.2	0.3%	11.1%	56.5	56.7	0.1	0.2%	11.1%	57.0	56.1	-0.9	-1.6%	11.1%	59.3	59.3	0.0	0.0%
12.3% 13.6%	54.7 54.4	54.8 54.7	0.1	0.2%	12.3% 13.6%	56.4 56.1	55.8 55.6	-0.6 -0.6	-1.0% -1.0%	12.3% 13.6%	56.8 56.8	56.1 56.1	-0.7 -0.7	-1.3% -1.2%	12.3% 13.6%	59.3 58.9	58.4 58.2	-0.8 -0.7	-1.4% -1.2%
14.8%	54.4	54.7	0.3	0.6%	14.8%	55.7	55.4	-0.3	-0.5%	14.8%	56.7	56.0	-0.7	-1.3%	14.8%	58.9	58.0	-0.9	-1.5%
16.0%	54.4	54.6	0.2	0.4%	16.0%	55.7	55.3	-0.4	-0.8%	16.0%	56.0	56.0	0.0	0.0%	16.0%	58.9	57.9	-1.0	-1.7%
17.3%	54.3	54.5	0.1	0.2%	17.3%	55.0	55.2	0.2	0.4%	17.3%	55.9	55.9	0.0	0.0%	17.3%	58.3	57.6	-0.7	-1.2%
18.5% 19.8%	54.1 54.1	54.3 54.2	0.2	0.3%	18.5% 19.8%	55.0 55.0	55.1 54.8	0.1 -0.2	0.1%	18.5% 19.8%	55.8 55.8	55.9 55.9	0.0 0.1	0.1%	18.5% 19.8%	58.3 58.2	57.4 57.1	-0.9 -1.0	-1.6% -1.8%
19.8%	54.1 54.0	54.2 54.1	0.1	0.2%	21.0%	55.0	54.8 54.8	-0.2	-0.3%	19.8%	55.8 55.7	55.9 55.8	0.1	0.1%	21.0%	58.2 58.1	57.1 57.0	-1.0 -1.1	-1.8% -2.0%
22.2%	53.9	54.1	0.1	0.3%	22.2%	54.7	54.7	0.0	-0.1%	22.2%	55.7	55.7	0.0	0.0%	22.2%	57.8	57.0	-0.9	-1.5%
23.5%	53.9	54.0	0.1	0.2%	23.5%	54.7	54.7	0.0	-0.1%	23.5%	55.7	55.7	0.0	0.0%	23.5%	57.8	56.8	-1.0	-1.8%
24.7%	53.9	54.0	0.0	0.1%	24.7%	54.6	54.7	0.1	0.1%	24.7%	55.7	55.6	0.0	-0.1%	24.7%	57.4	56.6	-0.8	-1.4%
25.9% 27.2%	53.9 53.8	54.0 53.9	0.1 0.1	0.1%	25.9% 27.2%	54.5 54.5	54.7 54.6	0.1 0.1	0.2% 0.2%	25.9% 27.2%	55.6 55.6	55.6 55.5	0.0 -0.1	0.0% -0.1%	25.9% 27.2%	57.2 57.1	56.5 56.5	-0.7 -0.6	-1.2% -1.1%
28.4%	53.8	53.9	0.1	0.1%	28.4%	54.5 54.5	54.6	0.1	0.2%	28.4%	55.6	55.4	-0.1	-0.1%	28.4%	57.0	56.4	-0.6	-1.0%
29.6%	53.7	53.9	0.2	0.3%	29.6%	54.5	54.6	0.1	0.3%	29.6%	55.6	55.2	-0.4	-0.7%	29.6%	56.9	56.4	-0.5	-1.0%
30.9%	53.7	53.9	0.2	0.3%	30.9%	54.4	54.5	0.1	0.2%	30.9%	55.4	55.2	-0.3	-0.5%	30.9%	56.9	56.4	-0.6	-1.0%
32.1%	53.7 53.6	53.7 53.6	0.1	0.1%	32.1%	54.3 54.3	54.4 54.3	0.1 0.0	0.2%	32.1% 33.3%	55.4 55.4	55.2	-0.2	-0.4%	32.1%	56.9 56.8	56.3 56.2	-0.6	-1.0%
33.3% 34.6%	53.6	53.6	0.0	0.0%	33.3% 34.6%	54.3 54.3	54.3	0.0	0.0%	34.6%	55.4	55.1 55.1	-0.2 -0.3	-0.4% -0.5%	33.3% 34.6%	56.6	56.2	-0.6 -0.4	-1.1% -0.6%
35.8%	53.5	53.6	0.0	0.1%	35.8%	54.3	54.3	0.0	0.0%	35.8%	55.3	55.1	-0.3	-0.5%	35.8%	56.6	56.1	-0.5	-0.8%
37.0%	53.5	53.5	0.0	0.0%	37.0%	54.3	54.3	0.0	-0.1%	37.0%	55.3	54.9	-0.4	-0.7%	37.0%	56.5	56.0	-0.6	-1.0%
38.3%	53.5	53.5	0.0	0.0%	38.3%	54.3	54.2	-0.1	-0.1%	38.3%	55.3	54.9	-0.4	-0.7%	38.3%	56.5	55.9	-0.6	-1.1%
39.5% 40.7%	53.5 53.4	53.5 53.4	0.0 0.1	-0.1% 0.1%	39.5% 40.7%	54.3 54.2	54.2 54.1	-0.1 -0.1	-0.2% -0.1%	39.5% 40.7%	55.1 54.9	54.9 54.9	-0.2 0.0	-0.3% -0.1%	39.5% 40.7%	56.5 56.4	55.8 55.8	-0.7 -0.7	-1.2% -1.2%
42.0%	53.4	53.4	0.1	0.1%	42.0%	54.1	54.1	0.0	0.0%	42.0%	54.9	54.8	-0.1	-0.1%	42.0%	56.3	55.7	-0.7	-1.2%
43.2%	53.3	53.4	0.1	0.1%	43.2%	54.1	54.1	0.0	0.0%	43.2%	54.9	54.8	0.0	-0.1%	43.2%	56.3	55.6	-0.7	-1.2%
44.4%	53.3	53.4	0.1	0.2%	44.4%	54.0	54.0	0.0	0.0%	44.4%	54.9	54.7	-0.1	-0.2%	44.4%	56.3	55.6	-0.7	-1.2%
45.7% 46.9%	53.3 53.2	53.4 53.3	0.1	0.2%	45.7% 46.9%	53.9 53.9	54.0 54.0	0.1	0.2%	45.7% 46.9%	54.8 54.8	54.7 54.7	-0.2 -0.2	-0.3% -0.3%	45.7% 46.9%	56.2 56.2	55.6 55.5	-0.7 -0.7	-1.2% -1.3%
48.1%	53.2	53.3	0.1	0.2%	48.1%	53.8	53.9	0.1	0.1%	48.1%	54.8	54.6	-0.2	-0.3%	48.1%	56.2	55.5	-0.7	-1.2%
49.4%	53.1	53.3	0.2	0.4%	49.4%	53.8	53.9	0.1	0.1%	49.4%	54.8	54.6	-0.2	-0.3%	49.4%	56.2	55.5	-0.7	-1.2%
50.6%	53.1	53.3	0.2	0.4%	50.6%	53.7	53.8	0.1	0.2%	50.6%	54.7	54.6	-0.1	-0.2%	50.6%	56.1	55.5	-0.6	-1.0%
51.9%	53.1	53.3	0.2	0.3%	51.9%	53.7	53.8	0.1	0.2%	51.9%	54.7	54.6	-0.2	-0.3%	51.9%	56.1	55.3	-0.8	-1.4%
53.1% 54.3%	53.1 53.1	53.3 53.3	0.2	0.3%	53.1% 54.3%	53.6 53.6	53.8 53.7	0.2	0.3%	53.1% 54.3%	54.7 54.6	54.6 54.5	-0.2 -0.1	-0.3% -0.2%	53.1% 54.3%	55.7 55.7	55.3 55.2	-0.4 -0.5	-0.8% -0.8%
55.6%	53.1	53.2	0.2	0.3%	55.6%	53.5	53.7	0.2	0.4%	55.6%	54.6	54.5	-0.1	-0.1%	55.6%	55.6	55.2	-0.4	-0.7%
56.8%	53.1	53.2	0.1	0.3%	56.8%	53.4	53.7	0.3	0.5%	56.8%	54.6	54.5	-0.1	-0.1%	56.8%	55.4	55.0	-0.5	-0.9%
58.0%	53.0	53.2	0.1	0.3%	58.0%	53.4	53.6	0.2	0.4%	58.0%	54.6	54.5	0.0	-0.1%	58.0%	55.3	54.9	-0.4	-0.7%
59.3% 60.5%	53.0 53.0	53.2 53.2	0.1	0.3%	59.3% 60.5%	53.4 53.3	53.6 53.6	0.2 0.2	0.4%	59.3% 60.5%	54.6 54.5	54.5 54.5	-0.1 -0.1	-0.2% -0.2%	59.3% 60.5%	55.3 55.3	54.9 54.9	-0.4 -0.4	-0.7% -0.7%
61.7%	53.0	53.2	0.2	0.3%	61.7%	53.3	53.5	0.2	0.4%	61.7%	54.5 54.5	54.5 54.4	-0.1	-0.2%	61.7%	55.3	54.9	-0.4	-0.7%
63.0%	53.0	53.1	0.1	0.2%	63.0%	53.3	53.5	0.2	0.4%	63.0%	54.5	54.4	0.0	-0.1%	63.0%	55.2	54.8	-0.4	-0.7%
64.2%	53.0	53.0	0.1	0.1%	64.2%	53.2	53.5	0.2	0.5%	64.2%	54.4	54.4	0.0	0.1%	64.2%	55.1	54.8	-0.3	-0.5%
65.4%	52.9	53.0	0.1	0.2%	65.4%	53.2	53.5	0.2	0.4%	65.4%	54.3	54.4	0.1	0.1%	65.4%	55.0	54.7	-0.3	-0.5%
66.7% 67.9%	52.9 52.8	53.0 53.0	0.1	0.3% 0.4%	66.7% 67.9%	53.2 53.2	53.4 53.4	0.2	0.4%	66.7% 67.9%	54.3 54.3	54.4 54.4	0.1	0.2%	66.7% 67.9%	55.0 54.9	54.6 54.5	-0.3 -0.3	-0.6% -0.6%
69.1%	52.7	53.0	0.3	0.5%	69.1%	53.2	53.4	0.2	0.3%	69.1%	54.3	54.3	0.0	0.0%	69.1%	54.9	54.5	-0.4	-0.7%
70.4%	52.7	52.9	0.2	0.4%	70.4%	53.2	53.3	0.2	0.3%	70.4%	54.3	54.3	0.0	0.0%	70.4%	54.8	54.5	-0.3	-0.6%
71.6%	52.7	52.8	0.1	0.3%	71.6%	53.2	53.3	0.2	0.3%	71.6%	54.3	54.2	0.0	-0.1%	71.6%	54.8	54.5	-0.3	-0.6%
72.8%	52.6	52.8	0.1	0.3%	72.8%	53.1	53.3	0.2	0.3%	72.8%	54.2	54.2	0.0	-0.1%	72.8%	54.7	54.5	-0.3	-0.5%
74.1% 75.3%	52.6 52.6	52.7 52.7	0.1	0.2%	74.1% 75.3%	53.1 53.1	53.3 53.2	0.2 0.2	0.3%	74.1% 75.3%	54.2 54.2	54.2 54.1	0.0 -0.1	-0.1% -0.1%	74.1% 75.3%	54.7 54.6	54.5 54.3	-0.2 -0.3	-0.4% -0.5%
76.5%	52.5	52.7	0.1	0.3%	76.5%	53.0	53.2	0.2	0.3%	76.5%	54.2	54.1	-0.1	-0.1%	76.5%	54.5	54.3	-0.3	-0.5%
77.8%	52.5	52.6	0.1	0.1%	77.8%	53.0	53.2	0.2	0.3%	77.8%	54.2	54.0	-0.1	-0.3%	77.8%	54.5	54.3	-0.2	-0.4%
79.0%	52.5	52.6	0.1	0.1%	79.0%	53.0	53.2	0.1	0.3%	79.0%	54.0	54.0	0.1	0.1%	79.0%	54.5	54.2	-0.3	-0.5%
80.2% 81.5%	52.5 52.5	52.6 52.5	0.1	0.1%	80.2% 81.5%	53.0 53.0	53.1 53.1	0.1 0.1	0.2%	80.2% 81.5%	53.9 53.9	54.0 54.0	0.1 0.1	0.1% 0.1%	80.2% 81.5%	54.5 54.4	54.1 54.1	-0.3 -0.3	-0.6% -0.6%
82.7%	52.4	52.5	0.0	0.3%	82.7%	52.9	53.1	0.1	0.3%	82.7%	53.9	54.0	0.1	0.1%	82.7%	54.4	54.1	-0.3	-0.5%
84.0%	52.3	52.4	0.1	0.2%	84.0%	52.9	53.1	0.2	0.3%	84.0%	53.8	54.0	0.1	0.3%	84.0%	54.3	54.0	-0.3	-0.5%
85.2%	52.3	52.4	0.1	0.2%	85.2%	52.9	53.1	0.2	0.3%	85.2%	53.8	53.9	0.1	0.1%	85.2%	54.2	53.9	-0.3	-0.5%
86.4%	52.2	52.3	0.1	0.1%	86.4%	52.9	53.0	0.2	0.3%	86.4%	53.7	53.9	0.1	0.2%	86.4%	54.1	53.8	-0.3	-0.6%
87.7% 88.9%	51.9 51.9	52.2 52.1	0.3	0.6%	87.7% 88.9%	52.9 52.9	52.9 52.9	0.0	0.1%	87.7% 88.9%	53.7 53.6	53.8 53.8	0.1	0.2%	87.7% 88.9%	54.1 54.0	53.7 53.5	-0.3 -0.6	-0.6% -1.0%
90.1%	51.9	52.1	0.2	0.5%	90.1%	52.9	52.9	0.0	0.3%	90.1%	53.5	53.6	0.2	0.4%	90.1%	54.0	53.4	-0.6	-1.0%
91.4%	51.8	52.0	0.2	0.4%	91.4%	52.7	52.7	0.0	0.0%	91.4%	53.5	53.6	0.1	0.2%	91.4%	53.9	53.3	-0.6	-1.1%
92.6%	51.8	51.9	0.1	0.3%	92.6%	52.6	52.6	0.0	0.0%	92.6%	53.4	53.5	0.1	0.2%	92.6%	53.8	53.3	-0.5	-0.9%
93.8%	51.7	51.9	0.2	0.5%	93.8%	52.4	52.5	0.1	0.2%	93.8%	53.4	53.5	0.1	0.3%	93.8%	53.6	53.2	-0.3	-0.6%
95.1% 96.3%	51.7 51.5	51.7 51.7	0.0	0.1%	95.1% 96.3%	52.4 52.3	52.4 52.4	0.1	0.1%	95.1% 96.3%	53.1 53.1	53.4 53.3	0.2	0.5%	95.1% 96.3%	53.4 53.4	53.1 53.0	-0.3 -0.4	-0.5% -0.7%
97.5%	51.3	51.6	0.1	0.5%	97.5%	52.3	52.4	0.0	0.2%	97.5%	52.8	53.3	0.2	1.1%	97.5%	53.4	52.1	-0.4	-1.6%
98.8%	51.2	51.5	0.2	0.5%	98.8%	52.1	52.0	-0.1	-0.2%	98.8%	52.7	52.9	0.2	0.3%	98.8%	52.0	52.1	0.1	0.2%
100.0%	51.1	51.3	0.2	0.3%	100.0%	52.0	52.0	0.0	0.0%	100.0%	52.5	52.5	0.0	0.1%	100.0%	51.9	51.7	-0.2	-0.3%

Table SQ-04-9a Sacramento River at Jellys Ferry, Monthly Temperature Long-term Average and Average by Water Year Type

	Long-term 55.1 51.3 46.6 44.8 46.2 49.3 52.6 54.9 54.8 55.5 56.5 57.4 54.5 51.0 46.9 45.0 46.2 49.4 53.0 55.0 55.0 55.5 56.1 56.8 -0.6 -0.3 0.3 0.2 0.0 0.1 0.4 0.0 0.1 0.0 -0.4 -0.6 -1.1% -0.5% 0.6% 0.5% 0.1% 0.1% 0.8% 0.0% 0.2% 0.0% -0.7% -1.1% Water Year Types²													
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		
				Loi	ng-term									
Full Simulation Period ¹														
No Action Alternative	55.1	51.3	46.6	44.8	46.2	49.3	52.6	54.9	54.8	55.5	56.5	57.4		
Alternative D	54.5	51.0	46.9	45.0	46.2	49.4	53.0	55.0	55.0	55.5	56.1	56.8		
Difference	-0.6	-0.3	0.3	0.2	0.0	0.1	0.4	0.0	0.1	0.0	-0.4	-0.6		
Percent Difference ³	-1.1%	-0.5%	0.6%	0.5%	0.1%	0.1%	0.8%	0.0%	0.2%	0.0%	-0.7%	-1.19		
				Water Y	ear Types	2								
Wet (32%)														
No Action Alternative	54.5	51.7	46.7	44.8	45.9	48.4	51.8	54.8	54.8	55.5	55.8	55.3		
Alternative D	54.3	51.5	47.1	44.9	45.9	48.4	51.9	54.6	54.7	55.6	55.9	55.1		
Difference	-0.3	-0.2	0.4	0.1	0.0	0.1	0.1	-0.2	-0.1	0.1	0.1	-0.2		
Percent Difference	-0.5%	-0.4%	0.9%	0.3%	0.1%	0.1%	0.3%	-0.4%	-0.2%	0.3%	0.2%	-0.39		
Above Normal (15%)														
No Action Alternative	54.1	51.0	47.1	45.0	46.3	49.5	53.0	55.5	54.0	54.4	56.0	56.3		
Alternative D	53.7	50.9	47.5	45.3	46.3	49.6	53.3	55.3	54.3	54.5	56.1	56.0		
Difference	-0.4	-0.1	0.4	0.2	0.0	0.0	0.3	-0.3	0.3	0.1	0.1	-0.3		
Percent Difference	-0.7%	-0.3%	0.9%	0.5%	0.0%	0.1%	0.6%	-0.5%	0.5%	0.1%	0.2%	-0.69		
Below Normal (17%)														
No Action Alternative	53.8	50.7	46.9	44.6	45.9	49.2	53.0	55.0	54.4	54.7	55.5	57.0		
Alternative D	53.3	50.5	47.1	44.8	45.9	49.3	53.6	55.0	54.5	54.8	55.5	56.6		
Difference	-0.5	-0.2	0.1	0.2	0.0	0.0	0.6	0.1	0.2	0.0	0.0	-0.5		
Percent Difference	-1.0%	-0.5%	0.3%	0.5%	0.0%	0.1%	1.1%	0.1%	0.3%	0.1%	0.0%	-0.89		
Dry (22%)														
No Action Alternative	55.4	51.4	46.6	44.7	46.4	50.0	53.0	54.5	54.8	55.0	56.4	58.4		
Alternative D	54.5	50.9	46.6	45.1	46.4	50.0	53.6	54.7	55.2	55.2	55.9	57.5		
Difference	-0.9	-0.4	0.0	0.4	0.0	0.1	0.6	0.2	0.4	0.2	-0.5	-0.8		
Percent Difference	-1.7%	-0.9%	0.1%	0.8%	0.0%	0.1%	1.1%	0.3%	0.8%	0.4%	-0.9%	-1.49		
Critical (15%)														
No Action Alternative	58.7	51.2	45.8	44.7	46.9	50.2	52.6	55.3	56.4	58.3	60.0	62.1		
Alternative D	57.5	50.9	46.0	45.0	47.1	50.3	53.4	55.7	56.3	57.7	57.9	60.5		
Difference	-1.1	-0.3	0.3	0.3	0.1	0.1	0.7	0.4	0.0	-0.7	-2.2	-1.6		
Percent Difference	-1.9%	-0.6%	0.5%	0.6%	0.3%	0.3%	1.4%	0.7%	0.0%	-1.1%	-3.6%	-2.69		



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

³ Relative difference of the monthly average

Figure SQ-04-9b Sacramento River at Jellys Ferry, Monthly Temperature Probability of Exceedance

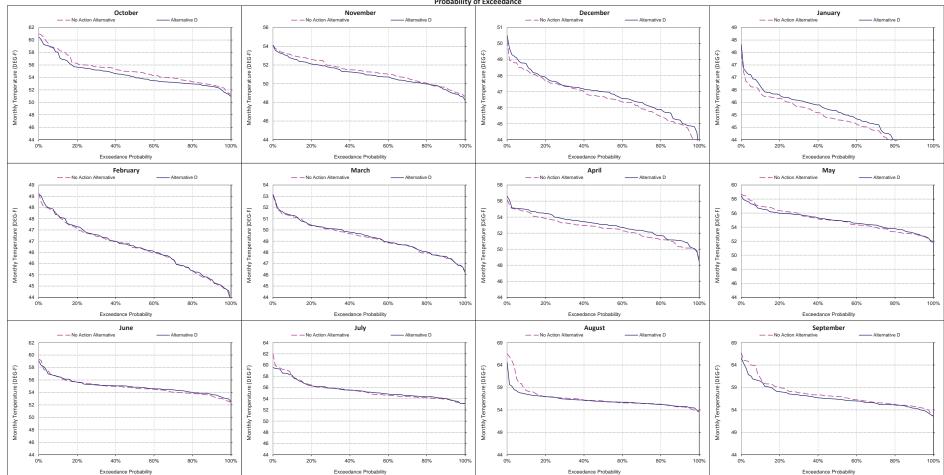


Table SO-04-9b Sacramento River at Jellys Ferry, Monthly Temperature Probability of Exceedanc

Decembe

Novembe

Octobe

January Percent Percent Percent Percent No Action Alternative Alternative D Absolute Relative Exceedance Relative Relative Relative Exceedance Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% 0.0% 61.0 60.5 -0.5 -0.8% 0.0% 54.1 0.0% 50.2 50.5 0.6% 47.8 0.8% 1.2% 60.9 60.1 -0.8 -1.3% 1.2% 53.8 53.6 -0.2 -0.4% 1.2% 48.9 49.7 0.7 1.5% 1.2% 46.7 46.9 0.1 0.3% 2.5% 60.5 59.3 -1.9% 2.5% 53.6 53.4 -0.4% 2.5% 48.9 49.3 0.8% 2.5% 46.3 46.7 0.9% 3.7% 3.7% 59.9 59.2 -0.7 -1.2% 3.7% 53.4 53.3 -0.2 -0.3% 3.7% 48.8 49.2 0.4 0.9% 46.3 46.6 0.3 0.7% 4.9% 59.5 59.1 -0.4 -0.6% 4.9% 53.3 53.2 -0.1 -0.2% 4.9% 48.8 49.1 0.3 0.6% 4.9% 46.1 46.6 0.5 1.1% 6.2% 6.2% 6.2% 6.2% 58.9 58.9 0.0 0.0% 53.3 53.1 -0.2 -0.4% 48.5 48.9 0.4 0.8% 46.1 46.4 0.3 0.7% 7.4% 0.2 0.3% 7.4% -0.2 -0.4 -0.4% 7.4% 48.5 0.6% 7.4% 46.4 0.3 0.7% 0.3 8.6% -1.0% 8.6% 8.6% 8.6% 58.7 58.1 -0.6 53.2 52.8 -0.8% 48.4 48.8 0.9% 46.1 46.3 0.5% 9.9% 11.1% 12.3% 0.8% 9.9% -1.0% -0.6% 0.6% 11.1% 12.3% 58.3 57.1 -1.2 -2.0% 11.1% 53.0 52.6 -0.4 -0.7% 11.1% 48.3 48.5 0.2 0.4% 45.8 46.0 0.3 0.6% 13.6% 13.6% 13.6% 13.6% 0.4% 58.0 56.8 -12 -2 1% 52 9 52.4 -0.5 -0.9% 48 1 48.2 0.1 0.2% 45.7 45.9 0.2 16.0% 16.0% 16.0% 16.0% 57.5 56.2 -1.3 -2.3% 52.8 52.3 -0.5 -0.9% 47.9 48.1 0.1 0.3% 45.7 45.8 0.1 0.3% 18.5% 18.5% -0.9% 18.5% 0.2% 18.5% 0.4% 56.3 55.7 -0.6 -1.1% 52.7 52.2 -0.5 47.9 47.9 0.1 45.7 45.8 0.2 19.8% 21.0% 56.3 56.1 -0.6 -0.5 -1.1% 52.1 52.1 -0.5 -0.5 19.8% 47.7 0.2 19.8% 21.0% 0.2 21.0% 47.8 47.7 55.6 52.6 -0.9% 0.2% 45.6 45.7 0.2% 22.2% 23.5% 55.6 55.5 -0.8% 22.2% 23.5% 52.0 -0.9% 22.2% 23.5% 22.2% 23.5% 45.7 0.1 52.0 47.5 47.7 0.1 56.0 -0.5 -0.9% 52.5 -0.5 -0.9% 0.3% 45.5 45.7 0.4% 24.7% 25.9% 24.7% 25.9% 24.7% 25.9% 0.3% 24.7% 25.9% 45.7 45.6 56.0 -1.0% 51.9 47.5 47.6 45.5 0.2 0.4% 56.0 -0.6 52.5 51.9 -0.6 -1.1% 47.5 47.6 0.1 0.3% 55.4 -1.0% 45.5 27.2% 28.4% 27.2% 28.4% 56.0 55.4 -1.1% 27.2% 52.1 51.9 -n 2 -0.5% 27.2% 47 A 45.4 45.6 0.2 55.8 -0.5 -1.0% 28.4% 52.0 51.8 -0.2 -0.3% 28.4% 47.4 47.4 0.0 0.1% 45.4 0.2 0.5% 55.2 45.6 29.6% 30.9% -0.9% -0.9% 29.6% 30.9% -0.4% -0.3% 29.6% 30.9% 29.6% 30.9% -0.2 -0.2 17 A 45.6 45.6 0.3 -0.5 47.3 -0.1% 45.3 0.5% 47.4 32.1% 55.7 55.2 -0.5 -0.9% 32.1% 51.9 51.7 -0.2 -0.3% 32.1% 47.3 47.3 0.0 -0.1% 32.1% 45.3 45.5 0.2 0.5% 33.3% -0.6 -1.0% 33.3% 51.6 -0.2 -0.4% 33.3% 47.2 0.1 0.1% 33.3% 45.3 45.5 0.2 0.5% 34.6% 55.6 -0.6 -1.1% 34.6% 51.8 51.5 -0.3 -0.5% 34.6% 47.2 47.3 0.2% 34.6% 45.2 45.5 0.2 0.5% 35.8% -1.1% 35.8% 51.3 35.8% 35.8% 0.2 55.6 -0.6% 0.2% 0.5% 37.0% 55.6 -0.7-1.3% 37.0% 51.6 51.3 -0.3-0.6% 37.0% 47.1 47.3 0.3% 37.0% 45.2 45.4 0.3 0.6% 38.3% 55.5 -1.4% 38.3% 51.3 38.3% 47.1 47.2 38.3% 0.3 0.3% 0.7% 39.5% 55.4 54.6 -0.8 -1.4% 39.5% 51.5 51.3 -0.3 -0.5% 39.5% 47.1 47.2 0.3% 39.5% 45.1 45.4 0.3 0.7% 40.7% 55.2 -1.2% 40.7% 51.5 51.2 -0.2 -0.5% 40.7% 46.9 47.1 0.2 0.5% 40.7% 45.1 45.4 0.3 0.7% 42.0% 55.2 54.5 -0.7-1.2% 42.0% 51.5 51.2 -0.3-0.5% 42.0% 46.8 47.1 0.3 0.7% 42.0% 45.1 45.3 0.3 0.6% -0.6% 43.2% 55.0 54.5 -0.5 -1.0% 43.2% 51.5 51.2 -0.3 43.2% 46.8 47.1 0.3 0.7% 43.2% 44.9 45.3 0.3 0.7% 44.4% -0.6 -1.1% 44.4% 51.4 51.1 -0.3 -0.5% 44.4% 46.8 47.1 0.3 0.6% 44.4% 44.9 45.2 0.3 0.8% 45.7% 45.7% 45.7% 55.0 54.4 -0.6 -1.1% 51.4 51.1 -0.3 -0.5% 46.8 47.1 0.3 0.6% 45.7% 44.9 45.2 0.3 0.7% 46.9% 55.0 54.3 -0.6 -1.1% 46.9% 51.3 51.1 -0.2-0.5% 46.9% 46.7 47.1 0.7% 46.9% 44.9 45.2 0.3 0.7% 48.1% 49.4% 54.9 54.1 -0.8 -1.5% 48.1% 51.3 50.9 -0.3 -0.6% 48.1% 46.7 47.0 0.3 0.7% 48.1% 44 9 45.2 0.3 0.7% -0.8-1.5% 49.4% 50.9 -0.3-0.6% 49.4% 46.7 47.0 0.7% 49.4% 44.8 45.2 0.4 0.8% 50.6% 50.6% 50.6% 50.6% 54.9 53.9 -1.0 -1.7% 51.2 50.9 -0.3 -0.6% 46.7 47.0 0.3 0.7% 44.8 45.1 0.3 0.7% 51.9% -1.7% -1.8% 51.9% 50.9 -0.3 -0.3 -0.7% 46.6 0.8% 51.9% 53.1% 45.1 0.3 53.1% 53.1% 53.1% -1.0 0.6% 54.8 53.9 51.2 50.9 -0.7% 46.5 47.0 0.4 0.9% 44 8 45.0 55.6% 56.8% 55.6% 55.6% 55.6% 0.6% 54.6 53.7 -0.9 -1.6% 51.1 50.8 -0.3 -0.7% 46.5 46.8 0.3 0.7% 44.7 45.0 0.2 58.0% 58.0% 58.0% 54.5 53.5 -1.0 -1.7% 51.1 50.7 -0.3 -0.6% 46.4 46.7 0.2 0.5% 58.0% 44.7 44.9 0.2 0.5% 60.5% 60.5% 60.5% 54.3 53.5 -0.9 -1.6% 51.0 50.7 -0.3 -0.5% 46.3 46.6 0.2 0.5% 60.5% 44.6 44.8 0.2 0.5% -1.6% 61.7% 63.0% 63.0% 54.1 63.0% -0.4 63.0% 53.3 -0.7 -1.3% 50.9 50.5 -0.8% 46.3 46.6 0.2 0.5% 44.5 44.7 0.2 0.5% 64.2% 65.4% 53.3 53.3 -1.4% -1.4% 64.2% 65.4% 50.5 50.4 -0.3 -0.4 64.2% 65.4% 64.2% 65.4% 44.5 44.5 0.2 54.0 -0.7 0.1 44.7 0.5% -0.7% 46.3 46.4 0.2% 50.7 66.7% 67.9% 54.0 53.9 -1.4% -1.3% 66.7% 67.9% 66.7% 67.9% 0.5% 0.5% 66.7% 67.9% 53.3 53.2 50.4 -0.3 -0.3 -0.7% 46.2 46.4 447 0.2 0.5% 50.7 50.4 0.2 44.7 -0.7 -0.7% 46.1 46.4 44.4 0.6% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% -1.3% 50.3 44.4 44.6 53.2 0.2 53.9 -0.7 -1.3% 50.2 -0.4 -0.7% 45.9 46.3 0.4 0.9% 44.4 44.6 0.5% 50.6 71.6% 53.8 53.1 -0.7 -1.2% -1.2% 71.6% 50.2 -n 2 -0.5% 71.6% 45.9 46.2 0.3 71.6% 44 4 44.6 0.2 72.8% 53.8 53.1 -0.7 72.8% 50.4 50.2 -0.2 -0.5% 72.8% 45.8 46.1 0.3 0.7% 72.8% 44.2 44.4 0.1 0.3% -0.9% -0.3% -0.3% 74.1% 75.3% 74.1% 75.3% 74.1% -0.2 -0.2 74.1% 0.7% 44.3 0.1 75.3% 75.3% 45.8 0.3 0.4% 76.5% 53.5 -0.5 -0.9% 76.5% 50.2 50.1 -0.1% 76.5% 45.7 46.0 0.4 0.8% 76.5% 44.0 44.2 0.3 0.6% 77.8% -0.9% 77.8% 77.8% 0.7% 77.8% 0.2 -0.2% 45.6 0.3 44.2 0.5% 79.0% 53.4 -0.4 -0.8% 79.0% 50.1 50.0 -0.1 -0.2% 79.0% 45.5 45.9 0.4 0.8% 79.0% 43.9 44.0 0.1 0.2% 80.2% 53.3 -0.6% 80.2% 50.0 -0.1% 80.2% 80.2% 44.0 0.1 45.4 45.9 0.5 1.0% 43.9 0.2% 81.5% 53.2 52.9 -0.3-0.5% 81.5% 50.0 49.9 -0.1% 81.5% 45.4 45.7 0.4 0.8% 81.5% 43.7 44.0 0.2 0.5% 82.7% 53.2 52.9 -0.4% 82.7% 49.9 0.2% 82.7% 45.7 0.4 0.9% 82.7% 43.7 43.9 0.3 0.6% 84.0% 53.1 52.9 -0.2 -0.5% 84.0% 49.8 49.8 0.1% 84.0% 45.2 45.7 0.5 1.2% 84.0% 43.6 43.9 0.3 0.7% 85.2% 53.1 52.7 -0.3 -0.6% 85.2% 49.7 49.8 0.1 0.2% 85.2% 45.1 45.7 0.5 1.1% 85.2% 43.6 43.9 0.3 0.6% 86.4% 53.0 52.7 -0.5% 86.4% 49.7 49.7 0.0% 86.4% 45.1 45.3 0.4% 86.4% 43.6 43.8 0.2 0.5% 87.7% 52.9 52.6 -0.3 -0.5% 87.7% 49.6 496 -0.1 -0.1% 87.7% 45.0 45.3 0.3 0.6% 87.7% 43.5 43.8 0.2 0.5% 88.9% 52.9 52.6 -0.3 -0.5% 88.9% 49.6 49.4 -0.3 -0.5% 88.9% 45.0 45.2 0.2 0.5% 88.9% 43.5 43.7 0.2 0.5% 90.1% 52.8 52.6 -0.3 -0.5% 90.1% 49.6 49.3 -0.2 -0.5% 90.1% 45.0 45.2 0.2 0.5% 90.1% 43.5 43.7 0.1 0.3% 91.4% 52.5 52.4 -0.4% 91.4% 49.2 -0.4% 91.4% 44.9 91.4% 43.5 43.6 0.1 91.4% 92.6% 92.6% 52.6 -0.2 -0.5% 49 3 49.0 -0.2 -0.5% 44.8 45.0 0.2 0.4% 92.6% 43.5 43.6 0.2% 93.8% -0.5% 49.0 -0.3 -0.6% 44.7 93.8% 52.6 52.3 -0.393.8% 49.3 93.8% 44.9 0.3% 43.4 43.6 0.2 0.4% 95.1% 95.1% 95.1% 95.1% 52.3 52.0 -0.3 -0.7% 49.0 48.9 -0.1 -0.3% 44.5 44.9 0.4 0.9% 43.3 43.5 0.3 0.6% 96.3% 51.7 51.5 -1.3% 96.3% 49.0 48.9 -0.2-0.3% 96.3% 97.5% 44.1 44.8 1.6% 96.3% 97.5% 42.9 43.3 0.4 0.9% 97.5% 97.5% -0.2 0.3% 51.8 -0.4 -0.7% 48 9 486 -0.5% 44 0 44 8 0.8 1.8% 42.8 429 -0.4% -0.4% 98.8% 100.0% 100.0% 100.0% 51.3 50.9 0.0 -0.6% 100.0% 48.6 48.2 -0.4 -0.8% 42.9 43.3 0.4 0.9% 42.4 42.8 0.4 1.0%

Table SQ-04-9b
Sacramento River at Jellys Ferry, Monthly Temperature
Probability of Exceedance

April

May

March

February

Percent		rebluary			Percent					Percent		Aprii			Percent				
Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)				(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)		
0.0%	48.6	48.6	-0.1	-0.1%	0.0%	53.1	53.2	0.1	0.1%	0.0%	56.2	56.6	0.4	0.8%	0.0%	58.7	58.5	-0.3	-0.4%
1.2%	48.2	48.5	0.3	0.6%	1.2%	52.4	52.6	0.2	0.4%	1.2%	55.5	56.1	0.6	1.1%	1.2%	58.5	57.9	-0.6	-1.0%
2.5%	48.0	48.3	0.2	0.4%	2.5%	51.8	51.9	0.2	0.4%	2.5%	55.1	55.2	0.1	0.2%	2.5%	58.4	57.8	-0.7	-1.2%
3.7%	48.0	48.1	0.1	0.2%	3.7%	51.7	51.7	0.0	0.1%	3.7%	55.0	55.1	0.1	0.1%	3.7%	58.0	57.6	-0.4	-0.7%
4.9%	48.0	48.0	0.0	0.0%	4.9%	51.4	51.6	0.2	0.5%	4.9%	54.9	55.1	0.2	0.3%	4.9%	57.8	57.3	-0.4	-0.7%
6.2%	47.9	48.0	0.1	0.2%	6.2%	51.4	51.5	0.1	0.2%	6.2%	54.9	55.1	0.1	0.3%	6.2%	57.7	57.3	-0.5	-0.8%
7.4%	47.9	47.9	0.1	0.1%	7.4%	51.3	51.4	0.1	0.1%	7.4%	54.8	55.0	0.2	0.4%	7.4%	57.2	57.1	-0.1	-0.2%
8.6%	47.8	47.7	-0.1	-0.2%	8.6%	51.3	51.4	0.1	0.2%	8.6%	54.7	55.0	0.3	0.5%	8.6%	57.1	56.7	-0.4	-0.6%
9.9%	47.6	47.7	0.0	0.1%	9.9%	51.3	51.3	0.0	0.1%	9.9%	54.7	55.0	0.3	0.5%	9.9%	56.9	56.7	-0.3	-0.5%
11.1%	47.5	47.6	0.0	0.1%	11.1%	51.1	51.3	0.2	0.3%	11.1%	54.6	54.9	0.3	0.6%	11.1%	56.9	56.5	-0.4	-0.7%
12.3%	47.5	47.5	0.1	0.2%	12.3%	51.1	51.2	0.0	0.1%	12.3%	54.5	54.7	0.2	0.5%	12.3%	56.9	56.5	-0.4	-0.7%
13.6%	47.3	47.5	0.2	0.4%	13.6%	51.1	50.9	-0.1	-0.2%	13.6%	54.1	54.7	0.6	1.1%	13.6%	56.9	56.5	-0.4	-0.7%
14.8%	47.3	47.3	0.0	0.0%	14.8%	51.0	50.8	-0.2	-0.4%	14.8%	54.1	54.7	0.6	1.1%	14.8%	56.8	56.2	-0.6	-1.1%
16.0%	47.2	47.2	0.1	0.1%	16.0%	50.7	50.7	0.0	0.0%	16.0%	54.0	54.6	0.5	1.0%	16.0%	56.7	56.2	-0.6	-1.0%
17.3%	47.2	47.2	0.0	0.1%	17.3%	50.6	50.7	0.1	0.1%	17.3%	54.0	54.5	0.6	1.0%	17.3%	56.6	56.1	-0.5	-0.8%
18.5%	47.1	47.2	0.1	0.1%	18.5%	50.5	50.5	-0.1	-0.1%	18.5%	53.9	54.5	0.6	1.1%	18.5%	56.4	56.1	-0.4	-0.6%
19.8%	47.1	47.1	0.1	0.1%	19.8%	50.5	50.4	-0.1	-0.1%	19.8%	53.8	54.5	0.6	1.2%	19.8%	56.3	56.0	-0.4	-0.6%
21.0%	47.0	47.1	0.2	0.3%	21.0%	50.3	50.4	0.0	0.1%	21.0%	53.8	54.4	0.7	1.3%	21.0%	56.3	56.0	-0.3	-0.6%
22.2%	47.0	47.1	0.1	0.2%	22.2%	50.3	50.4	0.0	0.1%	22.2%	53.7	54.4	0.6	1.2%	22.2%	56.2	55.9	-0.3	-0.5%
23.5%	46.9	47.0	0.1	0.2%	23.5%	50.3	50.3	0.0	-0.1%	23.5%	53.7	54.3	0.6	1.1%	23.5%	56.2	55.9	-0.3	-0.5%
24.7%	46.9	46.9	0.0	0.0%	24.7%	50.2	50.3	0.0	0.1%	24.7%	53.6	54.0	0.4	0.7%	24.7%	56.2	55.9	-0.3	-0.5%
25.9%	46.8	46.9	0.0	0.1%	25.9%	50.1	50.3	0.1	0.3%	25.9%	53.6	54.0	0.4	0.7%	25.9%	56.1	55.9	-0.2	-0.4%
27.2%	46.8	46.8	0.0	0.1%	27.2%	50.1	50.2	0.1	0.1%	27.2%	53.4	53.9	0.5	1.0%	27.2%	56.1	55.8	-0.2	-0.4%
28.4%	46.8	46.8	0.0	0.0%	28.4%	50.1	50.1	0.0	0.1%	28.4%	53.3	53.8	0.6	1.1%	28.4%	56.1	55.8	-0.3	-0.5%
29.6%	46.7	46.8	0.1	0.1%	29.6%	50.1	50.1	0.0	0.1%	29.6%	53.3	53.8	0.5	0.9%	29.6%	56.0	55.8	-0.2	-0.3%
30.9%	46.7	46.8	0.1	0.1%	30.9%	50.1	50.1	0.0	0.1%	30.9%	53.3	53.7	0.4	0.8%	30.9%	55.9	55.8	-0.2	-0.3%
32.1%	46.7	46.7	0.0	0.1%	32.1%	50.0	50.1	0.1	0.2%	32.1%	53.2	53.7	0.5	0.9%	32.1%	55.6	55.7	0.1	0.2%
33.3%	46.6	46.7	0.0	0.0%	33.3%	49.9	50.1	0.2	0.3%	33.3%	53.2	53.7	0.5	0.9%	33.3%	55.6	55.6	0.1	0.2%
34.6%	46.6	46.7	0.1	0.1%	34.6%	49.9	50.0	0.2	0.4%	34.6%	53.1	53.6	0.5	0.8%	34.6%	55.5	55.6	0.1	0.2%
35.8%	46.6	46.6	0.1	0.1%	35.8%	49.8	50.0	0.2	0.4%	35.8%	53.0	53.6	0.5	1.0%	35.8%	55.4	55.5	0.2	0.3%
37.0%	46.5	46.5	0.0	0.0%	37.0%	49.8	49.9	0.1	0.1%	37.0%	53.0	53.5	0.5	1.0%	37.0%	55.4	55.5	0.1	0.2%
38.3%	46.5	46.5	0.0	0.0%	38.3%	49.7	49.9	0.1	0.3%	38.3%	53.0	53.5	0.5	0.9%	38.3%	55.3	55.5	0.2	0.3%
39.5%	46.5	46.5	0.0	0.1%	39.5%	49.7	49.8	0.1	0.3%	39.5%	53.0	53.4	0.5	0.9%	39.5%	55.2	55.4	0.2	0.3%
40.7%	46.4	46.5	0.0	0.1%	40.7%	49.6	49.8	0.1	0.3%	40.7%	52.9	53.4	0.5	0.9%	40.7%	55.1	55.3	0.2	0.3%
42.0%	46.4	46.4	0.0	-0.1%	42.0%	49.6	49.8	0.2	0.3%	42.0%	52.9	53.4	0.4	0.8%	42.0%	55.1	55.2	0.1	0.2%
43.2%	46.4	46.4	0.0	-0.1%	43.2%	49.6	49.7	0.1	0.3%	43.2%	52.9	53.3	0.4	0.8%	43.2%	55.1	55.2	0.1	0.2%
44.4%	46.4	46.4	0.0	-0.1%	44.4%	49.5	49.7	0.2	0.4%	44.4%	52.9	53.3	0.4	0.8%	44.4%	55.1	55.1	0.0	0.1%
45.7%	46.4	46.4	0.0	-0.1%	45.7%	49.4	49.7	0.2	0.4%	45.7%	52.9	53.2	0.4	0.7%	45.7%	55.0	55.1	0.1	0.2%
46.9%	46.4	46.3	-0.1	-0.2%	46.9%	49.4	49.6	0.2	0.4%	46.9%	52.8	53.2	0.4	0.8%	46.9%	55.0	55.0	0.0	0.1%
48.1%	46.2	46.3	0.1	0.2%	48.1%	49.4	49.5	0.1	0.2%	48.1%	52.7	53.1	0.4	0.7%	48.1%	55.0	55.0	0.0	0.0%
49.4%	46.2	46.3	0.1	0.2%	49.4%	49.3	49.5	0.1	0.3%	49.4%	52.6	53.1	0.5	0.9%	49.4%	54.9	55.0	0.0	0.1%
50.6%	46.2	46.2	0.0	0.0%	50.6%	49.3	49.4	0.1	0.1%	50.6%	52.6	53.1	0.4	0.8%	50.6%	54.9	54.9	0.0	0.0%
51.9%	46.2	46.2	0.0	0.0%	51.9%	49.3	49.3	0.1	0.2%	51.9%	52.6	53.1	0.5	0.9%	51.9%	54.9	54.9	0.1	0.1%
53.1%	46.2	46.2	0.0	0.0%	53.1%	49.3	49.3	0.1	0.1%	53.1%	52.6	53.0	0.4	0.8%	53.1%	54.8	54.8	0.0	0.1%
54.3%	46.1	46.2	0.0	0.0%	54.3%	49.2	49.3	0.1	0.2%	54.3%	52.6	52.9	0.4	0.7%	54.3%	54.8	54.8	0.1	0.1%
55.6%	46.1	46.1	0.0	0.1%	55.6%	49.2	49.3	0.1	0.2%	55.6%	52.6	52.9	0.4	0.7%	55.6%	54.7	54.8	0.1	0.2%
56.8%	46.1	46.1	0.0	0.0%	56.8%	49.1	49.1	0.0	0.0%	56.8%	52.5	52.9	0.4	0.8%	56.8%	54.4	54.8	0.3	0.6%
58.0%	46.0	46.1	0.1	0.1%	58.0%	48.9	49.0	0.1	0.1%	58.0%	52.5	52.8	0.3	0.5%	58.0%	54.4	54.6	0.2	0.4%
59.3%	46.0	46.1	0.1	0.2%	59.3%	48.9	48.9	0.1	0.1%	59.3%	52.4	52.7	0.4	0.7%	59.3%	54.3	54.6	0.2	0.4%
60.5%	46.0	46.0	0.0	0.1%	60.5%	48.8	48.9	0.1	0.1%	60.5%	52.3	52.7	0.4	0.8%	60.5%	54.3	54.6	0.2	0.4%
61.7%	45.9	46.0	0.1	0.1%	61.7%	48.8	48.9	0.0	0.1%	61.7%	52.2	52.6	0.4	0.7%	61.7%	54.3	54.5	0.2	0.4%
63.0%	45.9	46.0	0.0	0.1%	63.0%	48.8	48.8	0.1	0.1%	63.0%	52.1	52.5	0.4	0.8%	63.0%	54.2	54.5	0.2	0.4%
64.2%	45.9	45.9	0.0	0.0%	64.2%	48.8	48.8	0.0	0.1%	64.2%	52.1	52.5	0.4	0.8%	64.2%	54.2	54.4	0.2	0.3%
65.4%	45.9	45.9	0.0	0.0%	65.4%	48.7	48.7	0.0	0.0%	65.4%	52.1	52.5	0.4	0.8%	65.4%	54.2	54.4	0.2	0.3%
66.7%	45.8	45.9	0.1	0.1%	66.7%	48.7 48.7	48.7 48.7	0.0	0.0%	66.7%	52.0	52.4	0.4	0.7%	66.7%	54.2	54.3	0.2	0.3%
67.9%	45.8 45.7	45.8 45.7	0.0	0.0%	67.9%	48.7 48.7	48.7	0.0	0.0%	67.9%	52.0 51.8	52.4	0.4	0.8%	67.9%	54.1 54.0	54.3 54.3	0.3	0.5%
69.1% 70.4%	45.7 45.6	45.7 45.7	0.0	0.0%	69.1% 70.4%	48.7 48.6	48.6	-0.1	0.0% -0.1%	69.1% 70.4%	51.8 51.6	52.4 52.3	0.6 0.7	1.1%	69.1% 70.4%	54.0 54.0	54.3 54.3	0.3	0.6%
70.4%	45.5 45.5	45.7	-0.1	-0.1%	70.4%	48.5	48.5	0.0	0.0%	70.4%	51.6	52.3	0.7	1.4%	70.4%	53.8	54.3	0.3	0.6%
71.6%	45.5 45.4	45.5 45.5	0.0	-0.1%	71.6%	48.5 48.5	48.5 48.5	0.0	0.0%		51.5	52.2 52.2	0.7	1.3%	71.6%	53.8	54.2 54.1	0.3	0.6%
74.1%	45.4 45.4	45.5 45.4	0.0	0.0%	74.1%	48.4	48.4	0.0	0.1%	72.8% 74.1%	51.5	52.2	0.7	1.3%	74.1%	53.8	54.1	0.3	0.6%
74.1%	45.4 45.4	45.4 45.4	0.0	0.0%	74.1% 75.3%	48.4 48.2	48.4 48.2	0.0	0.1%	74.1% 75.3%	51.4 51.4	52.1 52.1	0.7	1.3%	74.1% 75.3%	53.8	53.9	0.1	0.3%
76.5%	45.4 45.4	45.4	0.0	-0.1%	76.5%	48.0	48.2	0.0	0.4%	76.5%	51.4	51.9	0.7	1.0%	76.5%	53.7	53.8	0.2	0.2%
77.8%	45.4	45.3	0.0	0.0%	77.8%	47.9	48.1	0.2	0.4%	77.8%	51.4	51.7	0.5	0.8%	77.8%	53.4	53.8	0.1	0.8%
79.0%	45.3 45.2	45.3 45.2	0.0	0.0%	77.8%	47.9	48.1	0.1	0.3%	79.0%	51.3	51.7	0.4	0.8%	77.8%	53.4	53.8	0.4	0.8%
80.2%	45.2 45.2	45.2 45.2	0.0	0.0%	80.2%	47.9 47.9	48.0	0.1	0.2%	80.2%	51.3	51.7	0.4	1.0%	80.2%	53.4	53.8	0.4	0.8%
81.5%	45.2 45.1	45.2	0.0	0.0%	81.5%	47.9	48.0	0.1	0.2%	81.5%	51.2	51.7	0.5	0.9%	81.5%	53.2	53.7	0.4	0.8%
82.7%	45.0	45.1	0.0	0.1%	82.7%	47.8	47.8	-0.1	-0.1%	82.7%	51.2	51.3	0.4	0.3%	82.7%	53.2	53.6	0.4	0.8%
84.0%	45.0 45.0	45.1	0.1	0.2%	84.0%	47.8	47.8	0.0	0.0%	84.0%	51.2	51.3	0.0	0.3%	84.0%	53.2	53.6	0.4	0.8%
85.2%	44.9	45.0	0.1	0.1%	85.2%	47.7	47.8	0.0	0.1%	85.2%	51.0	51.2	0.0	0.4%	85.2%	53.1	53.5	0.5	0.7%
86.4%	44.9	44.9	0.0	0.1%	86.4%	47.7	47.7	0.0	-0.1%	86.4%	50.9	51.1	0.2	0.4%	86.4%	53.1	53.3	0.3	0.4%
87.7%	44.9	44.9	0.0	0.0%	87.7%	47.6	47.7	0.0	0.1%	87.7%	50.6	51.1	0.5	0.4%	87.7%	53.1	53.3	0.2	0.4%
88.9%	44.8	44.8	0.0	0.1%	88.9%	47.6	47.7	0.0	0.1%	88.9%	50.0	51.1	0.8	1.5%	88.9%	53.0	53.2	0.2	0.4%
90.1%	44.6 44.7	44.8	0.0	0.1%	90.1%	47.5 47.5	47.7	0.0	0.1%	90.1%	50.3	51.1	0.8	1.5%	90.1%	53.0	53.2	0.2	0.4%
91.4%	44.7	44.6	0.0	-0.1%	91.4%	47.5	47.5	0.0	0.4%	91.4%	50.2	51.0	0.8	1.5%	91.4%	53.0	53.0	0.0	0.1%
92.6%	44.6	44.6	0.0	0.1%	92.6%	47.4	47.5	0.0	0.1%	92.6%	50.1	50.9	0.7	1.4%	92.6%	52.8	53.0	0.0	0.4%
93.8%	44.5	44.6	0.0	0.1%	93.8%	47.4	47.2	0.0	0.1%	93.8%	50.1	50.8	0.7	1.3%	93.8%	52.7	52.8	0.0	0.1%
95.1%	44.5	44.5	0.0	0.1%	95.1%	47.0	47.0	0.0	0.0%	95.1%	50.1	50.3	0.2	0.3%	95.1%	52.7	52.7	-0.1	-0.1%
96.3%	44.4	44.4	0.0	0.1%	96.3%	46.8	46.9	0.0	0.0%	96.3%	50.1	50.1	0.0	0.1%	96.3%	52.5	52.6	0.1	0.2%
97.5%	44.4	44.4	0.0	0.0%	97.5%	46.8	46.8	0.0	0.0%	97.5%	50.0	50.1	0.0	0.1%	97.5%	52.3	52.4	0.1	0.2%
98.8%	44.2	44.3	0.0	0.3%	98.8%	46.6	46.7	0.1	0.2%	98.8%	49.8	49.7	-0.1	-0.2%	98.8%	52.1	51.9	-0.1	-0.3%
100.0%	43.7	43.7	0.0	0.0%	100.0%	46.2	46.2	0.0	0.0%	100.0%	48.5	48.5	0.0	0.0%	100.0%	52.0	51.9	-0.1	-0.2%
100.070	10.7	10.1	0.0	0.070	100.070	10.2	10.2	0.0	0.070	100.070	10.0	10.0	0.0	0.070	100.070	02.0	01.0	0.1	U.L./U

Table SQ-04-9b Sacramento River at Jellys Ferry, Monthly Temperature Probability of Exceedance

August

September

Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)
(%)	(DEG-F)	(DEG-E)	(DEG-F)	Difference (10)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (10)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (70)	(%)	(DEG-F)	(DEG-E)	(DEG-F)	Difference (10)
0.0%	59.3	59.1	-0.2	-0.4%	0.0%	62.0	59.6	-2.4	-3.9%	0.0%	66.5	64.6	-1.9	-2.9%	0.0%	66.8	65.6	-1.2	-1.7%
1.2%	59.1	58.3	-0.8	-1.4%	1.2%	59.9	59.4	-0.5	-0.8%	1.2%	65.9	59.6	-6.2	-9.5%	1.2%	65.1	64.4	-0.7	-1.1%
2.5%	57.8	58.2	0.4	0.7%	2.5%	59.6	59.4	-0.3	-0.4%	2.5%	65.0	59.3	-5.7	-8.8%	2.5%	65.0	63.3	-1.6	-2.5%
3.7%	57.5	57.7	0.3	0.4%	3.7%	59.5	59.2	-0.2	-0.4%	3.7%	63.7	58.5	-5.2	-8.2%	3.7%	64.8	61.9	-3.0	-4.6%
4.9%	57.4	56.9	-0.5	-0.9%	4.9%	59.2	58.6	-0.7	-1.1%	4.9%	61.0	58.3	-2.7	-4.4%	4.9%	64.0	61.6	-2.4	-3.7%
6.2%	56.8	56.9	0.1	0.1%	6.2%	59.2	58.5	-0.7	-1.1%	6.2%	60.0	57.9	-2.1	-3.5%	6.2%	63.9	60.8	-3.1	-4.8%
7.4%	56.8	56.7	-0.1	-0.2%	7.4%	59.0	58.5	-0.5	-0.8%	7.4%	59.9	57.8	-2.1	-3.5%	7.4%	63.9	60.8	-3.1	-4.9%
8.6%	56.7	56.7	0.0	0.0%	8.6%	58.9	58.3	-0.6	-1.1%	8.6%	58.8	57.7	-1.1	-1.9%	8.6%	61.9	60.5	-1.4	-2.2%
9.9%	56.5	56.6	0.0	0.1%	9.9%	57.9	58.2	0.3	0.5%	9.9%	58.3	57.5	-0.8	-1.4%	9.9%	61.2	60.4	-0.7	-1.2%
11.1%	56.5	56.5	0.0	0.1%	11.1%	57.7	57.6	-0.1	-0.3%	11.1%	58.1	57.5	-0.7	-1.1%	11.1%	60.2	60.0	-0.2	-0.3%
12.3%	56.1	56.3	0.2	0.4%	12.3%	57.6	57.5	-0.1	-0.2%	12.3%	58.1	57.3	-0.7	-1.3%	12.3%	59.8	59.2	-0.6	-1.0%
13.6%	56.0	56.1	0.1	0.2%	13.6%	57.4	57.2	-0.2	-0.4%	13.6%	58.0	57.2	-0.8	-1.4%	13.6%	59.8	59.2	-0.6	-1.1%
14.8%	55.9	56.1	0.3	0.5%	14.8%	57.2	57.0	-0.2	-0.4%	14.8%	57.7	57.2	-0.5	-0.8%	14.8%	59.8	59.1	-0.7	-1.2%
16.0%	55.9	56.1	0.3	0.5%	16.0%	56.8	56.8	0.0	0.0%	16.0%	57.4	57.1	-0.3	-0.4%	16.0%	59.7	58.9	-0.8	-1.3%
17.3%	55.8	55.7	0.0	-0.1%	17.3%	56.7	56.6	-0.1	-0.2%	17.3%	57.2	57.1	-0.1	-0.2%	17.3%	59.3	58.4	-0.8	-1.4%
18.5%	55.7	55.7	0.0	0.0%	18.5%	56.5	56.4	-0.1	-0.2%	18.5%	57.0	57.1	0.0	0.1%	18.5%	59.1	58.1	-1.0	-1.7%
19.8%	55.7	55.7	0.0	0.0%	19.8%	56.5	56.3	-0.2	-0.4%	19.8%	57.0	56.9	-0.1	-0.1%	19.8%	59.1	58.1	-1.1	-1.8%
21.0%	55.6	55.6	0.0	0.1%	21.0%	56.2	56.3	0.0	0.0%	21.0%	56.9	56.9	0.0	0.0%	21.0%	58.9	58.0	-0.9	-1.5%
22.2%	55.6	55.6	0.0	0.0%	22.2%	56.1	56.2	0.0	0.1%	22.2%	56.9	56.9	0.0	0.0%	22.2%	58.8	57.9	-0.9	-1.5%
23.5%	55.5	55.3	-0.2	-0.3%	23.5%	56.0	56.1	0.1	0.2%	23.5%	56.9	56.9	0.0	-0.1%	23.5%	58.6	57.9	-0.7	-1.3%
24.7%	55.4	55.3	-0.1	-0.2%	24.7%	56.0	56.1	0.2	0.3%	24.7%	56.9	56.8	-0.1	-0.2%	24.7%	58.1	57.6	-0.6	-1.0%
25.9%	55.4	55.3	-0.1	-0.2%	25.9%	56.0	56.1	0.2	0.3%	25.9%	56.7	56.7	0.0	-0.1%	25.9%	58.1	57.5	-0.6	-1.0%
27.2%	55.4	55.3	-0.1	-0.2%	27.2%	55.9	56.1	0.2	0.3%	27.2%	56.7	56.6	-0.1	-0.2%	27.2%	58.0	57.4	-0.6	-1.0%
28.4%	55.3	55.2	-0.1	-0.1%	28.4%	55.9	55.9	0.0	0.0%	28.4%	56.6	56.5	-0.2	-0.3%	28.4%	58.0	57.4	-0.6	-1.0%
29.6%	55.3	55.2	-0.1	-0.1%	29.6%	55.9	55.9	0.0	0.0%	29.6%	56.6	56.4	-0.2	-0.4%	29.6%	57.8	57.4	-0.5	-0.8%
30.9%	55.3	55.2	-0.1	-0.2%	30.9%	55.9	55.9	0.0	0.0%	30.9%	56.6	56.4	-0.2	-0.4%	30.9%	57.8	57.3	-0.6	-1.0%
32.1%	55.1	55.2	0.1	0.1%	32.1%	55.9	55.9	0.0	0.0%	32.1%	56.6	56.4	-0.2	-0.3%	32.1%	57.8	57.2	-0.6	-1.0%
33.3%	55.1	55.1	0.0	0.1%	33.3%	55.9	55.8 55.7	-0.1	-0.1%	33.3%	56.6	56.3	-0.2	-0.4%	33.3%	57.6	57.2	-0.4	-0.8%
34.6%	55.1	55.1	0.1	0.1%	34.6%	55.8		-0.1	-0.2%	34.6%	56.5	56.3	-0.2	-0.4%	34.6%	57.6	57.1	-0.4	-0.8%
35.8% 37.0%	55.0 55.0	55.1 55.1	0.1 0.1	0.2% 0.2%	35.8% 37.0%	55.7 55.7	55.6 55.6	-0.1 -0.1	-0.2% -0.2%	35.8% 37.0%	56.5 56.4	56.2 56.2	-0.2 -0.2	-0.4% -0.4%	35.8% 37.0%	57.4 57.4	57.0 57.0	-0.4 -0.4	-0.7% -0.7%
38.3% 39.5%	55.0 55.0	55.1 55.1	0.1 0.1	0.2%	38.3% 39.5%	55.6 55.5	55.6 55.6	-0.1 0.0	-0.2%	38.3% 39.5%	56.4 56.2	56.2 56.2	-0.2 0.0	-0.3%	38.3% 39.5%	57.3 57.3	56.8 56.7	-0.6 -0.6	-1.0% -1.1%
	55.0	55.1				55.5	55.5	0.0	0.1%			56.1	-0.1	-0.1%		57.3	56.7		
40.7% 42.0%	55.0	55.1	0.1 0.1	0.2%	40.7% 42.0%	55.5 55.5	55.5	0.0	0.0%	40.7% 42.0%	56.1 56.1	56.1	-0.1	-0.1% -0.1%	40.7% 42.0%	57.3	56.7	-0.6 -0.6	-1.1% -1.1%
43.2%	54.9	55.1	0.1	0.2%	43.2%	55.4	55.5	0.0	0.1%	43.2%	56.1	56.1	-0.1	-0.1%	43.2%	57.3 57.2	56.6	-0.6	-1.1%
44.4%	54.8	55.0	0.1	0.4%	44.4%	55.4	55.4	0.1	0.1%	44.4%	56.1	56.0	-0.1	-0.1%	44.4%	57.1	56.6	-0.6	-1.0%
45.7%	54.8	55.0	0.2	0.4%	45.7%	55.2	55.4	0.1	0.3%	45.7%	56.1	56.0	-0.1	-0.2%	45.7%	57.1	56.5	-0.6	-1.0%
46.9%	54.8	55.0	0.1	0.3%	46.9%	55.2	55.3	0.1	0.2%	46.9%	56.1	55.9	-0.1	-0.2%	46.9%	57.1	56.5	-0.6	-1.1%
48.1%	54.8	54.9	0.1	0.2%	48.1%	55.2	55.2	0.0	0.0%	48.1%	56.0	55.9	-0.1	-0.2%	48.1%	57.0	56.4	-0.6	-1.0%
49.4%	54.7	54.9	0.2	0.3%	49.4%	55.1	55.2	0.1	0.2%	49.4%	56.0	55.9	-0.2	-0.3%	49.4%	57.0	56.4	-0.6	-1.0%
50.6%	54.7	54.9	0.2	0.4%	50.6%	55.0	55.2	0.2	0.3%	50.6%	55.9	55.9	0.0	0.0%	50.6%	57.0	56.4	-0.6	-1.1%
51.9%	54.6	54.8	0.2	0.4%	51.9%	54.8	55.1	0.3	0.6%	51.9%	55.8	55.8	0.0	-0.1%	51.9%	56.9	56.3	-0.6	-1.1%
53.1%	54.6	54.8	0.2	0.3%	53.1%	54.7	55.1	0.4	0.7%	53.1%	55.8	55.8	0.0	0.0%	53.1%	56.8	56.2	-0.5	-0.9%
54.3%	54.6	54.8	0.2	0.4%	54.3%	54.7	55.0	0.3	0.5%	54.3%	55.8	55.8	0.0	0.0%	54.3%	56.7	56.1	-0.6	-1.0%
55.6%	54.6	54.7	0.1	0.3%	55.6%	54.7	55.0	0.3	0.5%	55.6%	55.8	55.8	0.0	0.0%	55.6%	56.6	56.1	-0.5	-1.0%
56.8%	54.6	54.7	0.1	0.2%	56.8%	54.7	54.9	0.2	0.4%	56.8%	55.7	55.8	0.0	0.0%	56.8%	56.4	56.0	-0.4	-0.7%
58.0%	54.6	54.7	0.1	0.2%	58.0%	54.6	54.9	0.2	0.5%	58.0%	55.6	55.7	0.1	0.3%	58.0%	56.4	56.0	-0.3	-0.6%
59.3%	54.5	54.6	0.1	0.2%	59.3%	54.6	54.9	0.2	0.4%	59.3%	55.6	55.7	0.1	0.3%	59.3%	56.3	56.0	-0.3	-0.5%
60.5%	54.5	54.6	0.1	0.2%	60.5%	54.6	54.8	0.2	0.4%	60.5%	55.6	55.7	0.1	0.3%	60.5%	56.2	56.0	-0.3	-0.5%
61.7%	54.4	54.6	0.1	0.2%	61.7%	54.6	54.8	0.2	0.4%	61.7%	55.6	55.7	0.1	0.3%	61.7%	56.2	56.0	-0.2	-0.4%
63.0%	54.4	54.6	0.2	0.3%	63.0%	54.5	54.8	0.2	0.4%	63.0%	55.6	55.7	0.1	0.2%	63.0%	56.1	55.8	-0.3	-0.5%
64.2%	54.4	54.5	0.1	0.2%	64.2%	54.5	54.7	0.2	0.4%	64.2%	55.5	55.7	0.1	0.2%	64.2%	56.0	55.7	-0.2	-0.4%
65.4%	54.4	54.5	0.1	0.2%	65.4%	54.4	54.7	0.3	0.6%	65.4%	55.5	55.7	0.1	0.2%	65.4%	56.0	55.7	-0.3	-0.5%
66.7%	54.3	54.5	0.2	0.4%	66.7%	54.4	54.7	0.3	0.6%	66.7%	55.5	55.5	0.0	0.1%	66.7%	55.8	55.6	-0.2	-0.3%
67.9%	54.2	54.5	0.3	0.5%	67.9%	54.4	54.6	0.2	0.4%	67.9%	55.5	55.5	0.0	0.0%	67.9%	55.8	55.6	-0.2	-0.3%
69.1%	54.0	54.4	0.4	0.7%	69.1%	54.4	54.6	0.2	0.3%	69.1%	55.5	55.5	0.0	0.0%	69.1%	55.6	55.6	-0.1	-0.1%
70.4%	54.0	54.4	0.4	0.7%	70.4%	54.4	54.5	0.2	0.3%	70.4%	55.4	55.5	0.0	0.0%	70.4%	55.6	55.5	-0.2	-0.3%
71.6%	54.0	54.3	0.3	0.6%	71.6%	54.4	54.5	0.2	0.3%	71.6%	55.4	55.4	0.0	0.0%	71.6%	55.6	55.2	-0.3	-0.6%
72.8%	54.0	54.3	0.3	0.6%	72.8%	54.4	54.5	0.2	0.3%	72.8%	55.4	55.4	0.0	-0.1%	72.8%	55.6	55.2	-0.3	-0.6%
74.1%	54.0	54.3	0.3	0.5%	74.1%	54.3	54.5	0.2	0.3%	74.1%	55.4	55.4	0.0	-0.1%	74.1%	55.5	55.2	-0.3	-0.6%
75.3%	53.9	54.3	0.4	0.7%	75.3%	54.2	54.5	0.2	0.4%	75.3%	55.4	55.3	-0.1	-0.1%	75.3%	55.5	55.2	-0.3	-0.6%
76.5%	53.9	54.2	0.3	0.5%	76.5%	54.2	54.4	0.2	0.4%	76.5%	55.4	55.3	-0.1	-0.2%	76.5%	55.4	55.2	-0.2	-0.4%
77.8%	53.9	54.1	0.2	0.4%	77.8%	54.2	54.4	0.2	0.3%	77.8%	55.3	55.2	-0.1	-0.1%	77.8%	55.3	55.2	-0.2	-0.3%
79.0%	53.9	54.1	0.2	0.4%	79.0%	54.2	54.3	0.2	0.3%	79.0%	55.3	55.2	0.0	-0.1%	79.0%	55.3	55.1	-0.2	-0.3%
80.2%	53.8	54.0	0.2	0.3%	80.2%	54.2	54.3	0.1	0.3%	80.2%	55.3	55.2	-0.1	-0.2%	80.2%	55.3	55.1	-0.2	-0.4%
81.5%	53.8	53.9	0.1	0.3%	81.5%	54.2	54.3	0.2	0.3%	81.5%	55.2	55.2	0.0	0.0%	81.5%	55.0	55.0	0.0	0.0%
82.7%	53.8	53.9	0.1	0.2%	82.7%	54.1	54.3	0.3	0.5%	82.7%	55.1	55.1	0.0	0.0%	82.7%	55.0	55.0	0.0	-0.1%
84.0%	53.7	53.9	0.1	0.3%	84.0%	54.1	54.3	0.2	0.4%	84.0%	55.0	55.1	0.1	0.1%	84.0%	55.0	55.0	0.0	-0.1%
85.2%	53.7	53.9	0.2	0.4%	85.2%	54.0	54.2	0.2	0.3%	85.2%	55.0	55.0	0.1	0.1%	85.2%	55.0	54.9	-0.1	-0.2%
86.4%	53.6	53.9	0.2	0.4%	86.4%	54.0	54.1	0.1	0.2%	86.4%	54.9	54.9	0.0	0.0%	86.4%	55.0 54.9	54.7	-0.3	-0.6%
87.7%	53.6	53.9	0.2	0.5%	87.7%	54.0	54.1	0.1	0.2%	87.7%	54.7	54.8	0.1	0.2%	87.7%		54.7	-0.3	-0.5%
88.9%	53.5 53.4	53.8 53.6	0.2	0.4%	88.9%	53.9 53.9	54.1 54.0	0.2	0.3%	88.9%	54.7	54.8 54.8	0.1	0.3%	88.9%	54.8 54.8	54.4 54.4	-0.4	-0.8%
90.1%			0.2	0.4%	90.1%			0.2	0.3%	90.1%	54.7		0.1	0.2%	90.1%			-0.4	-0.7%
91.4% 92.6%	53.2 53.2	53.6 53.6	0.4 0.4	0.7% 0.7%	91.4% 92.6%	53.9 53.8	53.9 53.7	0.1 -0.1	0.1%	91.4%	54.7 54.6	54.8 54.7	0.1 0.1	0.2% 0.2%	91.4% 92.6%	54.6 54.5	54.4 54.1	-0.3 -0.4	-0.5% -0.7%
								-0.1	-0.2%	92.6%		54.7 54.7				54.5 54.5			
93.8% 95.1%	53.0 53.0	53.4 53.2	0.4	0.7% 0.4%	93.8% 95.1%	53.7 53.4	53.6 53.6	-0.1 0.2	-0.1% 0.3%	93.8% 95.1%	54.4 54.2	54.7 54.5	0.3	0.5% 0.5%	93.8% 95.1%	54.5 54.4	53.9 53.9	-0.6 -0.5	-1.0% -0.9%
	53.0	53.2		0.4%	95.1%	53.4	53.5	0.2			54.2 54.2	54.5 54.5		0.5%	95.1%	54.4 54.1	53.9		-0.9%
96.3% 97.5%	52.9 52.7	53.1	0.2	0.4%	96.3%	53.4 53.2	53.5	-0.1	0.3%	96.3% 97.5%	54.2	54.5 54.4	0.3	1.0%	96.3%	54.1 54.0	53.6	-0.5 -0.8	-1.0% -1.4%
98.8%	52.7	53.0	0.4	0.7%	97.5%	53.2	53.2	0.0	0.2%	97.5%	53.9	53.9	0.5	0.4%	98.8%	54.0 52.8	52.9	0.0	0.1%
100.0%	52.6	52.5	0.4	0.2%	100.0%	53.2	53.2	0.0	0.0%	100.0%	53.7	53.9	0.2	0.4%	100.0%	52.6	52.9	-0.1	-0.2%
100.0%	32.4	52.5	U. I	0.2%	100.0%	JJ. I	0J. I	0.0	0.0%	100.0%	JJ.5	53.7	U.Z	0.5%	100.0%	32.1	52.0	*U. I	*0.2%

Table SQ-05-9a Sacramento River at Bend Bridge, Monthly Temperature Long-term Average and Average by Water Year Type

	Seption Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep													
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		
				Loi	ng-term									
Full Simulation Period ¹														
No Action Alternative	55.2	51.1	46.4	44.7	46.2	49.4	52.8	55.4	55.5	56.2	57.2	57.8		
Alternative D	54.6	50.9	46.7	44.9	46.2	49.5	53.2	55.4	55.6	56.2	56.8	57.3		
Difference	-0.6	-0.3	0.3	0.2	0.0	0.1	0.4	0.0	0.1	0.0	-0.4	-0.6		
Percent Difference ³	-1.0%	-0.5%	0.6%	0.5%	0.1%	0.1%	0.8%	0.0%	0.2%	0.0%	-0.6%	-1.09		
				Water Y	ear Types	2								
Wet (32%)														
No Action Alternative	54.6	51.6	46.5	44.7	45.9	48.5	51.9	55.2	55.4	56.2	56.5	55.7		
Alternative D	54.4	51.4	46.9	44.9	45.9	48.5	52.1	55.0	55.3	56.3	56.6	55.6		
Difference	-0.3	-0.2	0.4	0.1	0.0	0.1	0.1	-0.2	-0.1	0.2	0.1	-0.2		
Percent Difference	-0.5%	-0.4%	0.9%	0.3%	0.1%	0.1%	0.3%	-0.4%	-0.2%	0.3%	0.2%	-0.39		
Above Normal (15%)														
No Action Alternative	54.2	50.9	46.9	44.9	46.2	49.6	53.2	56.0	54.7	55.1	56.6	56.8		
Alternative D	53.8	50.8	47.3	45.2	46.3	49.6	53.5	55.8	55.0	55.2	56.8	56.5		
Difference	-0.4	-0.1	0.4	0.2	0.0	0.0	0.3	-0.2	0.3	0.1	0.1	-0.3		
Percent Difference	-0.7%	-0.3%	0.9%	0.5%	0.0%	0.1%	0.6%	-0.4%	0.5%	0.1%	0.2%	-0.59		
Below Normal (17%)														
No Action Alternative	53.9	50.6	46.7	44.5	45.8	49.3	53.3	55.5	55.0	55.5	56.2	57.6		
Alternative D	53.4	50.4	46.9	44.7	45.9	49.4	53.9	55.5	55.2	55.5	56.2	57.1		
Difference	-0.5	-0.2	0.1	0.2	0.0	0.0	0.6	0.1	0.2	0.0	0.0	-0.4		
Percent Difference	-0.9%	-0.4%	0.3%	0.5%	0.1%	0.1%	1.1%	0.2%	0.3%	0.1%	0.0%	-0.89		
Dry (22%)														
No Action Alternative	55.5	51.2	46.3	44.6	46.3	50.1	53.3	55.0	55.5	55.7	57.0	58.8		
Alternative D	54.6	50.8	46.4	44.9	46.4	50.1	53.9	55.2	55.9	55.9	56.6	58.0		
Difference	-0.9	-0.4	0.0	0.4	0.0	0.1	0.6	0.2	0.5	0.2	-0.5	-0.8		
Percent Difference	-1.6%	-0.8%	0.1%	0.8%	0.0%	0.1%	1.1%	0.3%	0.8%	0.4%	-0.8%	-1.39		
Critical (15%)														
No Action Alternative	58.6	51.0	45.5	44.6	46.9	50.3	52.9	55.8	56.9	59.0	60.6	62.3		
Alternative D	57.5	50.7	45.8	44.8	47.1	50.5	53.7	56.3	56.9	58.3	58.5	60.8		
Difference	-1.1	-0.3	0.2	0.3	0.1	0.1	0.7	0.4	0.0	-0.6	-2.1	-1.5		
Percent Difference	-1.8%	-0.6%	0.5%	0.6%	0.3%	0.2%	1.4%	0.8%	0.0%	-1.0%	-3.5%	-2.59		



Figure SQ-05-9b Sacramento River at Bend Bridge, Monthly Temperature Probability of Exceedance

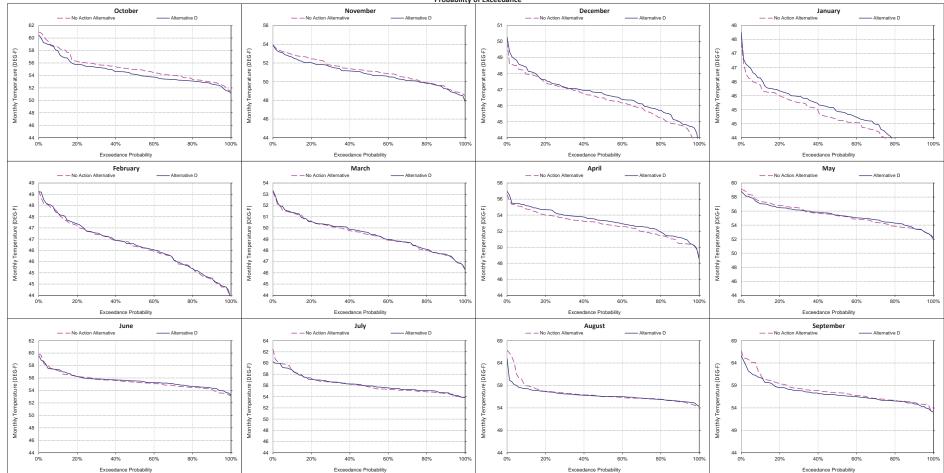


Table SO-05-9b Sacramento River at Bend Bridge, Monthly Temperature Probability of Exceedanc

Novembe

Octobe

January Percent Percent Percent Percent No Action Alternative Alternative D Absolute Relative Exceedance Relative Exceedance Relative Relative Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (DEG-F) (%) 0.0% 0.0% 60.9 60.5 -0.5 -0.8% 0.0% 53.9 53.9 0.0% 50.0 50.3 0.6% 47.8 0.8% 1.2% 60.8 60.0 -0.8 -1.4% 1.2% 53.7 53.5 -0.2 -0.3% 1.2% 48.6 49.4 0.8 1.6% 1.2% 46.7 46.8 0.1 0.3% 2.5% 60.4 59.2 -1.9% 2.5% 53.4 53.3 -0.2% 2.5% 48.6 49.1 1.0% 2.5% 46.3 46.6 0.7% 3.7% 3.7% 59.8 59.2 -0.6 -1.0% 3.7% 53.3 53.1 -0.2 -0.4% 3.7% 48.5 48 9 0.4 0.9% 46.1 46.6 0.4 0.9% 4.9% 59.5 58.9 -0.5 -0.9% 4.9% 53.2 53.1 -0.2% 4.9% 48.5 48.8 0.3 0.7% 4.9% 46.1 46.5 0.4 0.8% 6.2% 6.2% 6.2% 6.2% 58.8 58.9 0.1 0.2% 53.1 52.9 -0.3 -0.5% 48.3 48.6 0.3 0.7% 46.0 46.3 0.3 0.7% 7.4% -0.5 0.3% 7.4% 52.8 -0.3 -0.3 -0.5% 7.4% 48.2 0.6% 7.4% 46.0 46.3 0.3 0.6% 8.6% 8.6% 8.6% 8.6% 58.6 58.1 -0.9% 53.0 52.7 -0.6% 48.2 48.5 0.3 0.5% 45.9 46.1 0.5% 9.9% 11.1% 12.3% 9.9% -1.0% -0.6% 0.6% 11.1% 12.3% 58.2 57.3 -1.0 -1.7% 11.1% 52.9 52.5 -0.4 -0.8% 11.1% 48.0 48.1 0.2 0.4% 45.7 46.0 0.3 0.7% 13.6% 13.6% 13.6% -0 9% 13.6% 0.3% 58 1 56.8 -13 -2.2% 52.7 523 -0.5 47 9 48 1 0.2 0.3% 45.6 45.8 0.2 47.9 16.0% 16.0% 16.0% 16.0% 57.7 56.3 -1.4 -2.4% 52.7 52.1 -0.6 -1.1% 47.8 47.9 0.0 0.1% 45.6 45.7 0.1 0.3% 18.5% 18.5% -0.9% 18.5% 0.1% 18.5% 0.4% 56.3 55.8 -0.5 -1.0% 52.5 52.1 -0.5 47.6 47.6 0.1 45.5 45.7 0.2 19.8% 21.0% 56.3 56.2 -0.5 -0.4 -0.9% 52.0 -0.4 -0.5 19.8% 47.5 0.2 19.8% 21.0% 0.2 21.0% 47.4 55.7 -0.8% 52.4 52.0 -0.9% 47.5 0.3% 45.5 45.7 0.4% 22.2% 23.5% -0.7% -0.9% 22.2% 23.5% 51.9 -1 0% 22.2% 23.5% 22.2% 23.5% 45.6 0.2 51.8 56.1 55.6 -1.0% 47.3 47.4 0.1 -0.5 52.3 -0.5 0.1% 45.4 45.6 0.4% 24.7% 25.9% -0.9% -1.0% 24.7% 25.9% 24.7% 25.9% 0.2% 24.7% 25.9% 45.6 45.5 56.0 51.8 51.8 -0.8% 47.3 17.1 45.4 0.2 56.0 55.4 -0.6 52.3 -0.4 -0.8% 47.3 47.3 0.1 45.3 0.4% 27.2% 28.4% 27.2% 28.4% 55.9 55.4 -0.9% 27.2% 52.0 51.8 -n 2 -0.4% 27.2% 47.2 45.3 45.5 0.2 55.9 -0.5 -0.9% 28.4% 51.8 51.7 -0.1% 28.4% 47.2 47.2 0.0 0.1% 45.3 0.2 0.5% -0.1 45.5 29.6% 30.9% -0.8% 29.6% 30.9% -0.4% -0.4% 29.6% 30.9% 29.6% 30.9% 51.6 51.5 -0.2 -0.2 47 0.1% 45.5 45.5 0.2 45.2 0.5% 32.1% 55.7 55.2 -0.4 -0.8% 32.1% 51.7 51.5 -0.2 -0.5% 32.1% 47.1 47.1 0.0 0.0% 32.1% 45.2 45.4 0.2 0.4% 33.3% -0.9% 33.3% 51.4 -0.2 -0.4% 33.3% 0.0 0.1% 33.3% 45.4 0.2 0.4% 34.6% 55.6 -0.5 -0.9% 34.6% 51.6 51.4 -0.2 -0.5% 34.6% 47.0 47.1 0.2% 34.6% 45.1 45.4 0.3 0.6% 35.8% -1.1% 35.8% 51.2 -0.3 35.8% 35.8% 0.2 55.6 -0.6% 0.3% 45.3 0.5% 37.0% 55.5 55.0 -0.5 -1.0% 37.0% 51.5 51.2 -0.3-0.5% 37.0% 46.9 47.0 0.2% 37.0% 45.1 45.3 0.2 0.5% 38.3% 55.5 -1.1% 38.3% 51.2 38.3% 47.0 38.3% 39.5% 55.4 54.7 -0.8 -1.4% 39.5% 51.4 51.2 -0.3 -0.5% 39.5% 46.8 47.0 0.2 0.4% 39.5% 45.0 45.2 0.2 0.4% 40.7% 55.3 54.6 -1.2% 40.7% 51.4 51.1 -0.2 -0.5% 40.7% 46.7 47.0 0.3 0.6% 40.7% 44.8 45.2 0.3 0.7% 0.4 42.0% 55.3 54.6 -0.7-1.3% 42.0% 51.3 51.1 -0.2-0.4% 42.0% 46.7 47.0 0.3 0.6% 42.0% 44.8 45.2 0.8% 43.2% 55.2 54.6 -0.6 -1.0% 43.2% 51.3 51.1 -0.2 -0.4% 43.2% 46.7 46.9 0.3 0.6% 43.2% 44.8 45.1 0.4 0.8% 44.4% -0.6 -1.0% 44.4% 51.3 51.1 -0.2 -0.4% 44.4% 46.6 46.9 0.5% 44.4% 44.8 45.1 0.4 0.8% 45.7% 45.7% 45.7% 55.2 54.5 -0.6 -1.2% 51.3 51.0 -0.2 -0.4% 46.6 46.8 0.2 0.5% 45.7% 44.7 45.1 0.3 0.8% 0.4 46.9% 55.0 54.5 -0.6 -1.1% 46.9% 51.2 50.9 -0.3-0.6% 46.9% 46.5 46.8 0.3 0.7% 46.9% 44.7 45.1 0.8% 48.1% 49.4% 55.0 54.2 -0.8 -1.4% 48.1% 51.2 50.9 -0.3 -0.6% 48.1% 46.5 46.8 0.3 0.7% 48.1% 44.7 45.1 0.4 0.8% -1.4% 49.4% 50.8 -0.3-0.6% 49.4% 46.5 46.8 0.7% 49.4% 44.7 45.0 0.3 50.6% 50.6% 50.6% 50.6% 54.9 54.1 -0.8 -1.5% 51.1 50.8 -0.3 -0.6% 46.5 46.7 0.2 0.5% 44.6 44.9 0.3 0.7% 51.9% -0.9 -1.0 -1.6% 51.9% 50.7 -0.4-0.9% 46.3 0.3 0.7% 51.9% 53.1% 44.9 0.3 0.7% 53.1% 53.1% 53.1% -0.4 54 9 53.9 -1.8% 51 1 50.7 -0.8% 46.3 46.6 44 6 449 55.6% 56.8% 55.6% 55.6% 55.6% 0.6% 54.7 53.9 -0.8 -1.5% 51.0 50.6 -0.3 -0.6% 46.3 46.6 0.3 0.6% 44.6 44.8 0.3 58.0% 58.0% 58.0% 54.6 53.8 -0.9 -1.6% 50.9 50.6 -0.3 -0.6% 46.3 46.5 0.3 0.6% 58.0% 44.5 44.8 0.3 0.6% 60.5% 60.5% 60.5% 54.4 53.7 -0.7 -1.3% 50.8 50.5 -0.3 -0.7% 46.2 46.4 0.2 0.5% 60.5% 44.5 44.7 0.2 0.4% 61.7% -1.4% 61.7% 447 63.0% 63.0% 54.3 63.0% 63.0% 44.7 53.5 -0.7 -1.4% 50.8 50.5 -0.3 -0.7% 46.1 46.4 0.3 0.6% 44.4 0.3 0.6% 64.2% 65.4% 54.1 54.1 53.4 53.4 -1.3% -1.3% 64.2% 65.4% 50.3 50.3 -0.7% -0.6% 64.2% 65.4% 64.2% 65.4% 0.3 -0.7 -0.3 45.9 0.4 44.3 44.6 0.6% 50.6 46.3 0.9% 66.7% 67.9% -1.3% -1.2% 66.7% 67.9% 66.7% 67.9% 66.7% 67.9% 54.1 54.1 53.4 53.4 50.3 -0.3 -0.3 -0.5% 45.9 46.3 0.3 0.7% 44.6 0.3 -0.7 50.3 44.3 44.6 50.5 -0.5% 45.9 46.2 0.6% 0.7% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% -1 3% 45 Q 44.3 44.5 0.2 54.0 53.4 50.1 44.2 -0.6 -1.2% -0.3 -0.6% 45.9 46.1 0.3 0.6% 44.5 0.5% 50.4 71.6% 54.0 53.3 -0.7 -1.2% -1.2% 71.6% 50.1 -0.4% 71.6% 45.7 45.9 0.3 0.6% 0.7% 71.6% 44.2 44.5 0.3 0.6% 72.8% 53.9 53.2 -0.7 72.8% 50.3 50.1 -0.2 -0.4% 72.8% 45.6 45.9 0.3 72.8% 44.1 44.3 0.2 0.5% -1.1% -0.2% -0.3% 74.1% 75.3% 74.1% 75.3% 74.1% 74.1% 0.6% 44.0 44.3 0.2 75.3% 75.3% 45.5 0.3 0.5% 76.5% 53.6 53.2 -0.4 -0.8% 76.5% 50.0 49.9 -0.2% 76.5% 45.4 45.8 0.4 0.9% 76.5% 44.0 44.1 0.1 0.3% 77.8% -0.8% 77.8% -0.2% 77.8% 0.9% 77.8% 0.2 50.0 49.9 45.4 44.0 0.4% 79.0% 53.6 53.1 -0.4 -0.8% 79.0% 49.9 49.9 0.0 -0.1% 79.0% 45.2 45.7 0.5 1.0% 79.0% 43.8 43.9 0.1 0.2% 80.2% 53.3 -0.4% 80.2% 49.8 80.2% 1.0% 80.2% -0.1% 45.2 45.7 0.5 43.7 43.9 0.5% 81.5% 53.3 53.1 -0.2-0.5% 81.5% 49.8 49.8 -0.1% 81.5% 45.2 45.6 0.4 0.9% 81.5% 43.6 43.8 0.2 0.3% 82.7% 82.7% 53.3 -0.5% 82.7% 49.7 49.8 0.2% 45.5 0.5 1.1% 82.7% 43.6 43.7 0.4% 84.0% 53.3 53.0 -0.3 -0.5% 84.0% 49.7 49.8 0.2% 84.0% 45.0 45.5 0.6 1.2% 84.0% 43.5 43.7 0.2 0.5% 85.2% 53.1 52.9 -0.3 -0.5% 85.2% 49.6 49.6 0.0 0.0% 85.2% 44.9 45.4 0.5 1.2% 85.2% 43.5 43.7 0.2 0.5% 86.4% 53.1 -0.5% 86.4% 49.6 49.6 -0.1% 86.4% 44.9 45.1 0.6% 86.4% 43.5 43.7 0.2 0.5% 87.7% 53.0 52.8 -0.2 -0.4% 87.7% 49.6 49.5 -0.1 -0.2% 87.7% 44 9 45.1 0.2 0.5% 87.7% 43.5 43.7 0.2 0.5% 88.9% 53.0 -0.2 -0.4% 88.9% 49.5 49.3 -0.3 -0.5% 88.9% 44.8 45.0 0.2 0.5% 88.9% 43.4 43.6 0.1 0.3% 90.1% 52.8 52.6 -0.3 -0.5% 90.1% 49.4 49.2 -0.2 -0.4% 90.1% 44.8 45.0 0.2 0.4% 90.1% 43.4 43.6 0.1 0.3% 91.4% 52.5 52.5 -0.6% 91.4% 49.1 -0.1% 91.4% 44.8 91.4% 43.4 43.5 0.2 91.4% 92.6% 92.6% 52.8 -0.4 -0.7% 49 1 48.9 -0.2 -0.5% 44.7 44.8 0.2 0.4% 92.6% 43.3 43.5 0.5% 93.8% 52.4 -0.4% 48.8 -0.2% 44.6 44.8 93.8% 0.2 52.6 -0.293.8% 48.9 -0.193.8% 0.2 0.5% 43.3 43.5 0.6% 95.1% 95.1% 95.1% 95.1% 52.5 52.2 -0.3 -0.5% 48.9 48.8 -0.1 -0.3% 44.3 44.7 0.4 0.9% 43.2 43.5 0.3 0.6% 96.3% 52.3 51.8 51.5 -0.5-1.0% 96.3% 48.9 -0.2 -0.2 -0.5% 96.3% 97.5% 44.0 1.5% 96.3% 97.5% 42.8 43.0 0.3 0.6% 97.5% 97.5% 1.7% 0.3% 52.0 -0.5 -0.9% 48.8 48.5 -0.5% 43.8 446 0.8 42.7 42.8 -0.3% -0.4% 43.8 98.8% 0.5% 100.0% 100.0% 100.0% 100.0% 51.4 51.1 0.0 -0.5% 48.5 47.8 -0.6 -1.3% 42.6 43.0 0.4 0.9% 42.2 42.7 0.6 1.3%

Table SQ-05-9b
Sacramento River at Bend Bridge, Monthly Temperature
Probability of Exceedance

										of Exceedance									
Percent		February			Percent		March			Percent		April			Percent		May		
Exceedance	No Action Alternative		Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative		Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative
Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)
0.0%	(DEG-F) 48.7	(DEG-F) 48.6	-0.1	-0.1%		(DEG-F) 53.2	(DEG-F) 53.3	0.1	0.1%		(DEG-F) 56.5	(DEG-F) 57.0	0.4	0.7%	(%) 0.0%	(DEG-F) 59.1	(DEG-F) 58.8	-0.3	-0.5%
1.2%	48.4	48.6	0.3	0.5%	1.2%	52.7	52.9	0.1	0.1%	1.2%	55.8	56.5	0.4	1.2%	1.2%	59.0	58.5	-0.5	-0.9%
2.5%	48.1	48.3	0.2	0.4%	2.5%	52.1	52.2	0.2	0.4%	2.5%	55.3	55.5	0.2	0.3%	2.5%	58.8	58.1	-0.7	-1.1%
3.7%	48.0	48.1	0.1	0.1%	3.7%	52.0	52.0	-0.1	-0.1%	3.7%	55.3	55.5	0.1	0.3%	3.7%	58.4	58.1	-0.2	-0.4%
4.9% 6.2%	48.0 47.9	48.1 48.0	0.0	0.1% 0.2%	4.9% 6.2%	51.6 51.5	51.9 51.6	0.3	0.7% 0.2%	4.9% 6.2%	55.2 55.1	55.5 55.4	0.3	0.5%	4.9% 6.2%	58.3 58.3	57.9 57.8	-0.4 -0.4	-0.7% -0.7%
7.4%	47.9	48.0	0.0	0.2%	7.4%	51.5	51.5	0.1	0.2%	7.4%	55.1	55.3	0.3	0.6%	7.4%	57.7	57.4	-0.4	-0.7%
8.6%	47.8	47.7	-0.1	-0.2%	8.6%	51.4	51.5	0.1	0.1%	8.6%	54.9	55.3	0.4	0.8%	8.6%	57.5	57.2	-0.3	-0.5%
9.9%	47.7	47.7	0.0	-0.1%	9.9%	51.3	51.4	0.0	0.0%	9.9%	54.8	55.2	0.4	0.7%	9.9%	57.4	57.1	-0.3	-0.6%
11.1% 12.3%	47.5 47.4	47.6 47.6	0.0	0.1% 0.2%	11.1% 12.3%	51.3 51.2	51.4 51.3	0.1 0.1	0.1%	11.1% 12.3%	54.7 54.7	55.1 55.1	0.4	0.8%	11.1% 12.3%	57.3 57.3	57.0 57.0	-0.3	-0.5%
12.3%	47.4 47.4	47.5 47.5	0.1	0.2%	12.3%	51.2 51.2	51.3 51.3	0.1	0.1%	12.3%	54.7 54.5	55.1 54.9	0.4	0.7%	12.3%	57.3 57.2	57.0 57.0	-0.3 -0.3	-0.5% -0.5%
14.8%	47.3	47.3	0.0	0.1%	14.8%	51.2	50.9	-0.3	-0.5%	14.8%	54.4	54.9	0.5	0.8%	14.8%	57.2	56.8	-0.3	-0.6%
16.0%	47.2	47.3	0.1	0.2%	16.0%	50.8	50.9	0.0	0.1%	16.0%	54.3	54.8	0.6	1.0%	16.0%	57.0	56.7	-0.3	-0.6%
17.3%	47.2	47.3	0.1	0.2%	17.3%	50.8	50.8	0.0	0.0%	17.3%	54.1	54.7	0.6	1.1%	17.3%	56.9	56.7	-0.2	-0.4%
18.5% 19.8%	47.2 47.1	47.2 47.2	0.1 0.1	0.1% 0.1%	18.5% 19.8%	50.6 50.6	50.6 50.6	-0.1 -0.1	-0.1% -0.1%	18.5% 19.8%	54.1 54.0	54.7 54.7	0.6	1.1% 1.2%	18.5% 19.8%	56.9 56.8	56.6 56.5	-0.3 -0.3	-0.5% -0.5%
21.0%	47.0	47.2	0.1	0.3%	21.0%	50.5	50.5	0.0	0.1%	21.0%	54.0	54.7	0.7	1.3%	21.0%	56.8	56.5	-0.3	-0.6%
22.2%	47.0	47.1	0.1	0.2%	22.2%	50.4	50.4	0.0	0.1%	22.2%	53.9	54.7	0.7	1.3%	22.2%	56.8	56.5	-0.3	-0.5%
23.5%	47.0	47.0	0.0	0.1%	23.5%	50.4	50.4	0.0	0.0%	23.5%	53.9	54.6	0.7	1.3%	23.5%	56.6	56.4	-0.2	-0.3%
24.7%	46.9	46.9	0.0	0.0%	24.7%	50.3	50.4	0.0	0.1%	24.7%	53.9	54.3	0.5	0.9%	24.7%	56.6	56.3	-0.3	-0.5%
25.9% 27.2%	46.8 46.8	46.9 46.8	0.0	0.0%	25.9% 27.2%	50.3 50.3	50.4 50.3	0.1	0.1%	25.9% 27.2%	53.8 53.7	54.2 54.1	0.4	0.7%	25.9% 27.2%	56.5 56.5	56.3 56.2	-0.2 -0.3	-0.4% -0.5%
28.4%	46.8	46.8	0.0	0.1%	28.4%	50.3	50.3	0.0	0.1%	28.4%	53.7	54.1	0.4	0.8%	28.4%	56.5	56.2	-0.4	-0.6%
29.6%	46.7	46.8	0.1	0.1%	29.6%	50.2	50.3	0.1	0.1%	29.6%	53.6	54.0	0.4	0.7%	29.6%	56.5	56.2	-0.3	-0.6%
30.9%	46.7	46.8	0.1	0.1%	30.9%	50.1	50.2	0.1	0.2%	30.9%	53.6	54.0	0.4	0.8%	30.9%	56.4	56.1	-0.3	-0.5%
32.1% 33.3%	46.7 46.6	46.7 46.7	0.0	0.0%	32.1% 33.3%	50.1 50.0	50.1 50.1	0.1	0.1%	32.1% 33.3%	53.5 53.4	53.9 53.9	0.4	0.8%	32.1% 33.3%	56.2 56.0	56.1 56.0	-0.1 0.1	-0.2% 0.1%
33.3%	46.6 46.6	46.7	0.0	0.0%	33.3%	50.0	50.1	0.1	0.2%	33.3%	53.4	53.9	0.5	1.0%	33.3%	55.9	56.0	0.1	0.1%
35.8%	46.6	46.6	0.0	0.0%	35.8%	50.0	50.1	0.1	0.3%	35.8%	53.4	53.9	0.5	0.9%	35.8%	55.8	56.0	0.2	0.3%
37.0%	46.5	46.6	0.0	0.1%	37.0%	49.9	50.1	0.2	0.4%	37.0%	53.3	53.8	0.5	0.9%	37.0%	55.8	55.9	0.1	0.2%
38.3%	46.5	46.5	0.1	0.2%	38.3%	49.9	50.1	0.2	0.4%	38.3%	53.3	53.8	0.5	1.0%	38.3%	55.7	55.9	0.1	0.2%
39.5% 40.7%	46.5 46.5	46.4 46.4	0.0	0.0%	39.5% 40.7%	49.8 49.7	49.9 49.9	0.1 0.1	0.3%	39.5% 40.7%	53.3 53.2	53.8 53.7	0.5 0.5	1.0%	39.5% 40.7%	55.7 55.6	55.8 55.8	0.2	0.3%
42.0%	46.4	46.4	0.0	0.0%	42.0%	49.7	49.9	0.1	0.3%	42.0%	53.2	53.6	0.5	0.7%	42.0%	55.6	55.8	0.2	0.4%
43.2%	46.4	46.4	0.0	0.0%	43.2%	49.7	49.8	0.1	0.3%	43.2%	53.2	53.6	0.4	0.7%	43.2%	55.6	55.8	0.2	0.3%
44.4%	46.4	46.4	0.0	0.0%	44.4%	49.6	49.8	0.1	0.3%	44.4%	53.2	53.5	0.4	0.7%	44.4%	55.6	55.7	0.1	0.2%
45.7%	46.4	46.3	-0.1	-0.2%	45.7%	49.6	49.7	0.1	0.3%	45.7%	53.1	53.5	0.4	0.7%	45.7%	55.6	55.7	0.1	0.3%
46.9% 48.1%	46.4 46.2	46.3 46.3	-0.1 0.1	-0.1% 0.1%	46.9% 48.1%	49.5 49.5	49.7 49.6	0.1	0.3% 0.4%	46.9% 48.1%	53.1 53.0	53.4 53.4	0.3 0.4	0.6% 0.7%	46.9% 48.1%	55.5 55.4	55.7 55.5	0.1	0.2% 0.1%
49.4%	46.2	46.3	0.1	0.1%	49.4%	49.4	49.6	0.2	0.4%	49.4%	52.9	53.3	0.4	0.8%	49.4%	55.4	55.4	0.0	0.1%
50.6%	46.2	46.2	0.0	0.1%	50.6%	49.4	49.5	0.1	0.2%	50.6%	52.9	53.3	0.4	0.8%	50.6%	55.3	55.4	0.1	0.2%
51.9%	46.1	46.2	0.0	0.1%	51.9%	49.4	49.4	0.1	0.1%	51.9%	52.8	53.3	0.5	0.9%	51.9%	55.3	55.3	0.0	0.1%
53.1% 54.3%	46.1 46.1	46.2 46.1	0.0	0.1%	53.1% 54.3%	49.3 49.3	49.4 49.3	0.1 0.0	0.2%	53.1% 54.3%	52.8 52.8	53.2 53.2	0.5 0.4	0.9% 0.8%	53.1% 54.3%	55.3 55.2	55.3 55.3	0.1	0.1%
55.6%	46.1	46.1	0.0	0.0%	55.6%	49.3	49.3	0.0	0.0%	55.6%	52.7	53.1	0.5	0.9%	55.6%	55.2	55.2	0.0	0.0%
56.8%	46.0	46.1	0.1	0.1%	56.8%	49.2	49.1	0.0	0.0%	56.8%	52.6	53.0	0.4	0.8%	56.8%	55.1	55.2	0.0	0.1%
58.0%	46.0	46.1	0.1	0.1%	58.0%	49.0	49.0	0.0	0.0%	58.0%	52.6	53.0	0.5	0.9%	58.0%	54.9	55.1	0.3	0.5%
59.3%	46.0	46.0	0.1	0.1%	59.3%	48.9	49.0	0.1	0.1%	59.3%	52.6	52.9	0.3	0.7%	59.3%	54.9	55.1	0.2	0.4%
60.5% 61.7%	45.9 45.9	46.0 46.0	0.1	0.1% 0.2%	60.5% 61.7%	48.9 48.9	49.0 49.0	0.1	0.1% 0.2%	60.5% 61.7%	52.6 52.5	52.9 52.8	0.3	0.7%	60.5% 61.7%	54.8 54.8	55.0 55.0	0.2	0.3%
63.0%	45.9	45.9	0.1	0.1%	63.0%	48.9	48.9	0.0	0.1%	63.0%	52.5	52.8	0.3	0.6%	63.0%	54.8	55.0	0.2	0.4%
64.2%	45.8	45.9	0.1	0.1%	64.2%	48.9	48.8	0.0	-0.1%	64.2%	52.4	52.7	0.3	0.6%	64.2%	54.8	54.9	0.2	0.4%
65.4%	45.8	45.8	0.0	0.0%	65.4%	48.8	48.8	0.0	0.0%	65.4%	52.4	52.7	0.4	0.7%	65.4%	54.7	54.9	0.2	0.4%
66.7% 67.9%	45.8 45.8	45.8 45.8	0.0	0.1% 0.0%	66.7% 67.9%	48.8 48.7	48.8 48.7	0.0	-0.1% 0.0%	66.7% 67.9%	52.4 52.2	52.6 52.6	0.2 0.4	0.5%	66.7% 67.9%	54.7 54.6	54.9 54.9	0.2	0.4% 0.5%
69.1%	45.7	45.7	0.0	0.0%	69.1%	46.7	46.7	0.0	0.0%	69.1%	52.2	52.6	0.4	1.1%	69.1%	54.0 54.4	54.9	0.3	0.5%
70.4%	45.6	45.6	0.0	0.0%	70.4%	48.7	48.7	0.0	0.1%	70.4%	52.0	52.6	0.6	1.2%	70.4%	54.4	54.8	0.4	0.7%
71.6%	45.5	45.5	0.0	-0.1%	71.6%	48.7	48.7	0.0	0.0%	71.6%	51.9	52.5	0.6	1.2%	71.6%	54.3	54.7	0.4	0.7%
72.8%	45.4	45.5	0.1	0.2%	72.8%	48.4	48.5	0.0	0.1%	72.8%	51.8	52.5	0.7	1.3%	72.8%	54.3	54.6	0.3	0.5%
74.1%	45.4 45.4	45.4 45.4	0.0	0.1%	74.1%	48.4 48.3	48.4 48.3	0.0	0.1%	74.1%	51.8 51.7	52.4 52.3	0.6	1.1%	74.1%	54.3 54.2	54.5 54.4	0.2	0.4%
75.3% 76.5%	45.4 45.4	45.4 45.3	0.0	0.0%	75.3% 76.5%	48.3 48.1	48.3 48.3	0.0	0.0%	75.3% 76.5%	51.7 51.6	52.3 52.3	0.7 0.7	1.3% 1.3%	75.3% 76.5%	54.2 54.1	54.4 54.4	0.3	0.5%
77.8%	45.3	45.3	0.0	-0.1%	77.8%	48.1	48.2	0.1	0.2%	77.8%	51.6	52.2	0.6	1.1%	77.8%	53.9	54.4	0.5	0.9%
79.0%	45.2	45.2	0.0	0.0%	79.0%	48.0	48.1	0.1	0.2%	79.0%	51.5	52.0	0.5	1.0%	79.0%	53.9	54.3	0.5	0.9%
80.2%	45.2	45.2	0.0	0.0%	80.2%	48.0	48.1	0.1	0.2%	80.2%	51.5	51.9	0.4	0.8%	80.2%	53.8	54.3	0.5	0.8%
81.5% 82.7%	45.1 45.0	45.1 45.1	0.0	0.1%	81.5% 82.7%	47.9 47.8	48.0 47.8	0.1	0.1%	81.5% 82.7%	51.4 51.3	51.7	0.3	0.6%	81.5% 82.7%	53.8 53.7	54.3 54.2	0.5 0.5	0.9%
82.7% 84.0%	45.0 44.9	45.1 45.0	0.1 0.1	0.2% 0.1%	82.7% 84.0%	47.8 47.8	47.8	0.0	0.0%	82.7% 84.0%	51.3 51.2	51.4 51.4	0.1	0.2%	82.7% 84.0%	53.7	54.2	0.5	0.9%
85.2%	44.9	44.9	0.1	0.2%	85.2%	47.8	47.8	0.0	0.0%	85.2%	51.0	51.4	0.4	0.7%	85.2%	53.7	54.0	0.3	0.6%
86.4%	44.8	44.9	0.0	0.1%	86.4%	47.7	47.7	0.0	0.0%	86.4%	51.0	51.4	0.4	0.7%	86.4%	53.7	53.9	0.2	0.4%
87.7%	44.8	44.8	0.0	0.1%	87.7%	47.7	47.7	0.0	0.1%	87.7%	50.9	51.3	0.4	0.7%	87.7%	53.6	53.8	0.3	0.5%
88.9% 90.1%	44.8 44.7	44.8 44.8	0.0	0.1% 0.2%	88.9% 90.1%	47.6 47.5	47.7 47.7	0.0	0.1%	88.9% 90.1%	50.5 50.5	51.2 51.2	0.7 0.7	1.4% 1.4%	88.9% 90.1%	53.6 53.5	53.7 53.5	0.1	0.3%
90.1%	44.7	44.6	0.1	-0.1%	90.1%	47.5 47.5	47.7	0.1	0.3%	90.1%	50.5	51.2	0.7	1.4%	90.1%	53.5	53.5	0.0	0.0%
92.6%	44.5	44.6	0.0	0.1%	92.6%	47.4	47.5	0.1	0.2%	92.6%	50.4	51.0	0.6	1.1%	92.6%	53.4	53.4	0.0	-0.1%
93.8%	44.5	44.5	0.0	0.0%	93.8%	47.3	47.3	0.0	0.0%	93.8%	50.4	50.9	0.5	1.0%	93.8%	53.4	53.3	-0.1	-0.1%
95.1%	44.4	44.4	0.1	0.1%	95.1%	47.0	47.0	0.0	0.0%	95.1%	50.4	50.5	0.1	0.3%	95.1%	53.1	53.1	0.0	0.1%
96.3% 97.5%	44.4 44.3	44.4 44.4	0.0	0.1%	96.3% 97.5%	46.9 46.8	46.9 46.9	0.0	0.0%	96.3% 97.5%	50.3 50.2	50.4 50.1	0.0 -0.1	0.1% -0.1%	96.3% 97.5%	52.9 52.7	52.9 52.8	0.0	0.0%
98.8%	44.3 44.1	44.4	0.0	0.0%	98.8%	46.6	46.7	0.0	0.0%	98.8%	49.8	49.7	-0.1	-0.1%	98.8%	52.6	52.5	-0.2	-0.3%
100.0%	43.6	43.6	0.0	0.0%	100.0%	46.3	46.3	0.0	0.0%	100.0%	48.5	48.5	0.0	0.0%	100.0%	52.1	52.0	-0.1	-0.2%

Table SQ-05-9b Sacramento River at Bend Bridge, Monthly Temperature Probability of Exceedance

										of Exceedance									
Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	59.9 59.7	59.6 58.8	-0.3 -0.8	-0.4% -1.4%	0.0%	62.5 60.7	60.2 60.0	-2.2 -0.7	-3.6% -1.1%	0.0%	66.8 66.3	64.9 60.2	-1.9 -6.1	-2.9% -9.2%	0.0%	66.7 65.2	65.7 64.5	-1.1 -0.7	-1.6% -1.0%
1.2% 2.5%	58.4	58.7	0.3	0.5%	1.2% 2.5%	60.2	60.0	-0.7	-0.5%	1.2% 2.5%	65.3	59.8	-5.5	-9.2%	1.2% 2.5%	65.0	63.4	-0.7	-2.4%
3.7%	58.0	58.2	0.2	0.3%	3.7%	60.0	59.9	0.0	-0.1%	3.7%	64.1	59.2	-4.9	-7.7%	3.7%	64.8	62.2	-2.6	-4.1%
4.9%	57.9	57.5	-0.4	-0.8%	4.9%	59.8	59.2	-0.6	-1.0%	4.9%	61.5	59.0	-2.4	-4.0%	4.9%	64.2	61.9	-2.3	-3.6%
6.2%	57.6	57.5	-0.1	-0.2%	6.2%	59.8	59.1	-0.7	-1.1%	6.2%	60.6	58.5	-2.1	-3.5%	6.2%	64.2	61.4	-2.8	-4.3%
7.4% 8.6%	57.5 57.3	57.5 57.4	0.0	0.0%	7.4% 8.6%	59.5 59.5	59.1 58.9	-0.4 -0.6	-0.7% -1.0%	7.4% 8.6%	60.5 59.4	58.5 58.3	-2.0	-3.4% -1.9%	7.4% 8.6%	64.1 62.4	61.3 60.9	-2.8 -1.5	-4.4% -2.4%
9.9%	57.2	57.4	0.1	0.3%	9.9%	58.5	58.8	0.2	0.4%	9.9%	58.9	58.3	-1.1 -0.7	-1.1%	9.9%	61.5	60.8	-0.7	-1.2%
11.1%	57.0	57.3	0.3	0.5%	11.1%	58.4	58.4	-0.1	-0.1%	11.1%	58.9	58.2	-0.7	-1.1%	11.1%	60.6	60.5	-0.1	-0.2%
12.3%	56.6	57.0	0.4	0.7%	12.3%	58.2	58.2	0.0	0.0%	12.3%	58.7	58.0	-0.7	-1.2%	12.3%	60.3	59.7	-0.7	-1.1%
13.6%	56.6	57.0	0.4	0.7%	13.6%	58.1	57.9	-0.3	-0.5%	13.6%	58.7	57.9	-0.8	-1.3%	13.6%	60.2	59.6	-0.6	-1.0%
14.8%	56.6	56.8	0.2	0.4%	14.8%	57.9	57.8	-0.1	-0.2%	14.8%	58.3	57.9	-0.4	-0.7%	14.8%	60.1	59.6	-0.5	-0.9%
16.0% 17.3%	56.5 56.5	56.7 56.4	0.2	0.4% -0.1%	16.0% 17.3%	57.5 57.4	57.5 57.4	0.0	0.0% 0.1%	16.0% 17.3%	58.2 58.0	57.9 57.7	-0.3 -0.3	-0.5% -0.5%	16.0% 17.3%	60.1 59.8	59.4 58.9	-0.7 -0.9	-1.2% -1.5%
18.5%	56.3	56.4	0.1	0.1%	18.5%	57.4	57.1	-0.3	-0.5%	18.5%	57.7	57.7	0.0	0.0%	18.5%	59.6	58.6	-0.9	-1.6%
19.8%	56.3	56.2	0.0	-0.1%	19.8%	57.3	57.1	-0.2	-0.4%	19.8%	57.7	57.7	0.0	0.0%	19.8%	59.5	58.5	-1.0	-1.7%
21.0%	56.2	56.2	0.0	0.0%	21.0%	57.1	57.1	0.0	0.0%	21.0%	57.7	57.6	-0.1	-0.2%	21.0%	59.3	58.5	-0.8	-1.3%
22.2%	56.2	56.1 56.0	-0.1	-0.2%	22.2%	56.9 56.9	57.0 57.0	0.1	0.1%	22.2%	57.7	57.5	-0.1	-0.2% -0.1%	22.2%	59.3 59.1	58.5 58.4	-0.8 -0.7	-1.3%
23.5% 24.7%	56.1 56.1	56.0	-0.1 -0.2	-0.2% -0.3%	23.5% 24.7%	56.7	57.0	0.1	0.2%	23.5% 24.7%	57.6 57.5	57.5 57.5	-0.1 -0.1	-0.1%	23.5% 24.7%	58.7	58.1	-0.7	-1.2% -1.0%
25.9%	56.1	55.9	-0.2	-0.4%	25.9%	56.7	56.9	0.2	0.3%	25.9%	57.4	57.3	-0.1	-0.2%	25.9%	58.6	58.1	-0.5	-0.9%
27.2%	56.0	55.9	-0.1	-0.3%	27.2%	56.7	56.9	0.2	0.3%	27.2%	57.4	57.2	-0.2	-0.3%	27.2%	58.5	57.9	-0.5	-0.9%
28.4%	55.9	55.9	0.0	0.0%	28.4%	56.6	56.7	0.1	0.1%	28.4%	57.4	57.2	-0.2	-0.3%	28.4%	58.4	57.9	-0.4	-0.8%
29.6%	55.8	55.8	0.1	0.1%	29.6%	56.6	56.7	0.0	0.0%	29.6%	57.3	57.1	-0.2	-0.4%	29.6%	58.3	57.8	-0.5	-0.8%
30.9% 32.1%	55.8 55.8	55.8 55.8	0.1 0.1	0.1% 0.1%	30.9% 32.1%	56.6 56.6	56.6 56.6	-0.1 -0.1	-0.1% -0.1%	30.9% 32.1%	57.2 57.2	57.1 57.1	-0.1 -0.1	-0.2% -0.2%	30.9% 32.1%	58.3 58.2	57.8 57.8	-0.5 -0.4	-0.8% -0.7%
33.3%	55.7	55.8	0.1	0.2%	33.3%	56.6	56.5	-0.1	-0.2%	33.3%	57.2	57.1	-0.1	-0.2%	33.3%	58.0	57.6	-0.4	-0.8%
34.6%	55.7	55.8	0.1	0.1%	34.6%	56.6	56.5	-0.1	-0.1%	34.6%	57.2	56.9	-0.2	-0.4%	34.6%	58.0	57.5	-0.5	-0.8%
35.8%	55.7	55.7	0.1	0.1%	35.8%	56.4	56.4	-0.1	-0.1%	35.8%	57.0	56.9	-0.1	-0.2%	35.8%	57.9	57.5	-0.4	-0.7%
37.0%	55.7	55.7	0.1	0.1%	37.0%	56.4	56.4	-0.1	-0.1%	37.0%	57.0	56.9	-0.1	-0.2%	37.0%	57.9	57.3	-0.6	-1.0%
38.3% 39.5%	55.7 55.6	55.7 55.7	0.1	0.1%	38.3% 39.5%	56.4 56.2	56.3 56.3	-0.1 0.0	-0.1% 0.1%	38.3% 39.5%	56.9 56.9	56.9 56.8	-0.1 -0.1	-0.1% -0.2%	38.3% 39.5%	57.9 57.8	57.3 57.3	-0.6 -0.5	-1.0% -0.9%
40.7%	55.6	55.7	0.1	0.2%	40.7%	56.2	56.3	0.0	0.1%	40.7%	56.9	56.8	-0.1	-0.2%	40.7%	57.8	57.1	-0.7	-1.2%
42.0%	55.5	55.7	0.1	0.2%	42.0%	56.2	56.3	0.0	0.1%	42.0%	56.9	56.7	-0.1	-0.2%	42.0%	57.7	57.1	-0.5	-0.9%
43.2%	55.5	55.7	0.1	0.3%	43.2%	56.2	56.2	0.0	0.0%	43.2%	56.9	56.7	-0.1	-0.2%	43.2%	57.6	57.0	-0.6	-1.1%
44.4%	55.4	55.6	0.2	0.4%	44.4%	56.0	56.2	0.2	0.3%	44.4%	56.8	56.7	-0.1	-0.2%	44.4%	57.6	57.0	-0.6	-1.0%
45.7% 46.9%	55.4 55.4	55.6 55.6	0.2	0.3%	45.7% 46.9%	56.0 56.0	56.1 56.0	0.1	0.2%	45.7% 46.9%	56.7 56.7	56.7 56.6	-0.1 -0.1	-0.1% -0.1%	45.7% 46.9%	57.5 57.5	57.0 57.0	-0.5 -0.5	-0.9% -0.8%
48.1%	55.4	55.6	0.2	0.3%	48.1%	55.9	55.9	0.0	0.0%	48.1%	56.6	56.6	0.0	0.0%	48.1%	57.5	57.0	-0.5	-0.9%
49.4%	55.3	55.5	0.2	0.4%	49.4%	55.8	55.9	0.2	0.3%	49.4%	56.5	56.6	0.0	0.0%	49.4%	57.4	56.9	-0.5	-0.8%
50.6%	55.3	55.5	0.2	0.4%	50.6%	55.7	55.9	0.2	0.3%	50.6%	56.5	56.5	0.0	0.0%	50.6%	57.4	56.8	-0.6	-1.0%
51.9%	55.3	55.5	0.2	0.4%	51.9%	55.6	55.9	0.3	0.6%	51.9%	56.5	56.5	0.0	0.0%	51.9%	57.3	56.7	-0.6	-1.0%
53.1% 54.3%	55.3 55.2	55.5 55.4	0.2	0.4%	53.1% 54.3%	55.5 55.4	55.8 55.7	0.3	0.5%	53.1% 54.3%	56.5 56.5	56.5 56.5	0.0	0.0%	53.1% 54.3%	57.3 57.3	56.7 56.7	-0.6 -0.6	-1.1% -1.1%
55.6%	55.2	55.3	0.1	0.3%	55.6%	55.4	55.7	0.3	0.6%	55.6%	56.5	56.5	0.1	0.1%	55.6%	57.1	56.6	-0.5	-0.9%
56.8%	55.2	55.3	0.1	0.1%	56.8%	55.4	55.7	0.3	0.5%	56.8%	56.4	56.5	0.1	0.1%	56.8%	57.0	56.6	-0.4	-0.8%
58.0%	55.2	55.3	0.1	0.1%	58.0%	55.4	55.6	0.3	0.5%	58.0%	56.4	56.5	0.1	0.2%	58.0%	56.8	56.6	-0.2	-0.3%
59.3%	55.1	55.2	0.1	0.2%	59.3%	55.3	55.6	0.3	0.5%	59.3%	56.3	56.5	0.2	0.3%	59.3%	56.8	56.5	-0.2	-0.4%
60.5%	55.1 55.1	55.2 55.2	0.2	0.3%	60.5% 61.7%	55.3 55.3	55.5 55.5	0.3	0.5%	60.5% 61.7%	56.3 56.2	56.5 56.5	0.2	0.4%	60.5% 61.7%	56.7 56.7	56.5 56.4	-0.3 -0.3	-0.5% -0.6%
63.0%	55.0	55.2	0.2	0.3%	63.0%	55.3	55.5	0.2	0.4%	63.0%	56.2	56.4	0.2	0.3%	63.0%	56.6	56.4	-0.2	-0.4%
64.2%	55.0	55.2	0.2	0.3%	64.2%	55.2	55.5	0.2	0.4%	64.2%	56.2	56.4	0.2	0.3%	64.2%	56.6	56.4	-0.3	-0.4%
65.4%	54.9	55.2	0.3	0.6%	65.4%	55.2	55.4	0.3	0.5%	65.4%	56.2	56.4	0.2	0.4%	65.4%	56.5	56.2	-0.2	-0.4%
66.7%	54.8	55.2	0.3	0.6%	66.7%	55.2	55.3	0.2	0.3%	66.7%	56.2	56.3	0.1	0.2%	66.7%	56.3	56.1	-0.2	-0.3%
67.9% 69.1%	54.8 54.8	55.1 55.1	0.3	0.5%	67.9% 69.1%	55.2 55.1	55.3 55.3	0.2 0.1	0.3%	67.9% 69.1%	56.2 56.2	56.2 56.2	0.1	0.1% 0.1%	67.9% 69.1%	56.2 56.1	56.1 56.1	-0.1 0.0	-0.2% -0.1%
70.4%	54.8	55.0	0.3	0.5%	70.4%	55.1	55.3	0.2	0.4%	70.4%	56.2	56.1	0.0	0.0%	70.4%	56.1	56.0	-0.1	-0.1%
71.6%	54.7	55.0	0.3	0.6%	71.6%	55.1	55.3	0.2	0.4%	71.6%	56.1	56.1	0.0	0.0%	71.6%	56.0	55.8	-0.2	-0.3%
72.8%	54.7	54.9	0.3	0.5%	72.8%	55.1	55.3	0.2	0.3%	72.8%	56.1	56.1	0.0	0.0%	72.8%	56.0	55.7	-0.3	-0.5%
74.1% 75.3%	54.6 54.6	54.9 54.9	0.2	0.4%	74.1% 75.3%	55.0 55.0	55.2 55.1	0.2	0.3%	74.1% 75.3%	56.1 56.1	56.0 56.0	-0.1 -0.1	-0.1% -0.1%	74.1% 75.3%	55.9 55.9	55.7 55.6	-0.3 -0.2	-0.5% -0.4%
76.5%	54.6	54.8	0.3	0.5%	76.5%	54.9	55.1	0.2	0.3%	76.5%	56.1	56.0	-0.1	-0.1%	76.5%	55.7	55.6	-0.2	-0.4%
77.8%	54.5	54.7	0.2	0.3%	77.8%	54.9	55.1	0.2	0.4%	77.8%	56.0	55.9	-0.1	-0.2%	77.8%	55.7	55.6	-0.1	-0.2%
79.0%	54.5	54.7	0.2	0.3%	79.0%	54.9	55.1	0.2	0.4%	79.0%	56.0	55.9	-0.1	-0.1%	79.0%	55.7	55.6	-0.1	-0.2%
80.2%	54.5	54.7	0.2	0.4%	80.2%	54.9	55.1	0.2	0.4%	80.2%	55.9	55.9	0.0	-0.1%	80.2%	55.7	55.6	-0.1	-0.2%
81.5% 82.7%	54.4 54.4	54.7 54.6	0.2	0.4%	81.5%	54.8 54.8	55.1 55.0	0.2	0.4% 0.4%	81.5% 82.7%	55.9	55.8 55.7	-0.1	-0.1%	81.5% 82.7%	55.5 55.5	55.5 55.4	0.0 -0.1	0.0% -0.1%
82.7% 84.0%	54.4 54.4	54.6 54.5	0.2	0.3%	82.7% 84.0%	54.8 54.8	55.0 55.0	0.2 0.2	0.4%	82.7% 84.0%	55.8 55.7	55.7 55.7	0.0	0.0%	82.7% 84.0%	55.5 55.5	55.4 55.4	-0.1	-0.1%
85.2%	54.3	54.5	0.2	0.3%	85.2%	54.7	55.0	0.2	0.4%	85.2%	55.7	55.6	0.0	-0.1%	85.2%	55.5	55.4	-0.1	-0.2%
86.4%	54.3	54.5	0.2	0.4%	86.4%	54.7	54.8	0.1	0.2%	86.4%	55.6	55.6	0.0	0.1%	86.4%	55.4	55.1	-0.3	-0.5%
87.7%	54.3	54.5	0.2	0.4%	87.7%	54.6	54.7	0.1	0.1%	87.7%	55.5	55.6	0.1	0.2%	87.7%	55.4	55.1	-0.2	-0.4%
88.9%	54.2 54.1	54.4 54.4	0.2	0.3%	88.9%	54.6	54.7 54.7	0.1	0.2%	88.9%	55.4	55.6 55.5	0.1 0.2	0.2%	88.9%	55.3	55.1 54.9	-0.2	-0.4%
90.1% 91.4%	54.1	54.4	0.2	0.4%	90.1% 91.4%	54.5 54.5	54.7	0.2	0.3%	90.1% 91.4%	55.3 55.3	55.5 55.4	0.2	0.3%	90.1% 91.4%	55.2 55.0	54.9	-0.3 -0.2	-0.6% -0.4%
92.6%	53.9	54.3	0.4	0.8%	92.6%	54.5	54.7	-0.1	-0.2%	92.6%	55.3	55.4	0.1	0.2%	92.6%	54.9	54.6	-0.2	-0.5%
93.8%	53.6	54.0	0.4	0.8%	93.8%	54.5	54.3	-0.2	-0.3%	93.8%	55.0	55.3	0.3	0.5%	93.8%	54.8	54.3	-0.5	-0.9%
95.1%	53.6	54.0	0.4	0.7%	95.1%	54.1	54.2	0.1	0.2%	95.1%	54.9	55.2	0.3	0.5%	95.1%	54.8	54.3	-0.5	-0.9%
96.3% 97.5%	53.5 53.5	53.9 53.6	0.4	0.7% 0.2%	96.3% 97.5%	54.0 54.0	54.2 53.9	0.2 -0.1	0.3% -0.1%	96.3% 97.5%	54.8 54.6	55.2 55.1	0.4 0.5	0.7% 1.0%	96.3% 97.5%	54.7 54.6	53.9 53.8	-0.7 -0.9	-1.3% -1.6%
97.5%	53.5	53.6	0.1	0.2%	97.5%	54.0 53.9	53.9	-0.1	-0.1% -0.1%	97.5%	54.b 54.4	55.1 54.6	0.5	0.5%	97.5%	54.6	53.8	-0.9	-1.6% 0.1%
100.0%	53.1	53.2	0.1	0.2%	100.0%	53.8	53.8	0.0	0.0%	100.0%	54.2	54.4	0.2	0.3%	100.0%	53.1	53.1	-0.1	-0.2%

Table SQ-06-9a Sacramento River at Red Bluff, Monthly Temperature Long-term Average and Average by Water Year Type

					Mon	thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aua	Sep
				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	55.4	51.0	46.1	44.5	46.2	49.7	53.4	56.4	57.1	57.9	58.8	58.9
Alternative D	54.9	50.7	46.3	44.7	46.3	49.7	53.8	56.5	57.2	58.0	58.5	58.5
Difference	-0.5	-0.2	0.3	0.2	0.0	0.1	0.4	0.0	0.1	0.1	-0.3	-0.5
Percent Difference ³	-0.9%	-0.5%	0.6%	0.5%	0.1%	0.1%	0.8%	0.1%	0.3%	0.1%	-0.5%	-0.89
				Water Y	ear Types	2						
Vet (32%)												
No Action Alternative	54.8	51.4	46.2	44.6	45.9	48.7	52.3	56.1	56.9	57.9	58.2	56.7
Alternative D	54.6	51.2	46.6	44.8	46.0	48.7	52.5	55.9	56.8	58.1	58.3	56.6
Difference	-0.2	-0.2	0.4	0.1	0.0	0.0	0.1	-0.2	-0.1	0.2	0.1	-0.1
Percent Difference	-0.4%	-0.4%	0.9%	0.3%	0.1%	0.1%	0.3%	-0.3%	-0.2%	0.3%	0.2%	-0.29
Above Normal (15%)												
No Action Alternative	54.5	50.7	46.5	44.8	46.3	49.8	53.7	57.1	56.4	56.9	58.3	58.0
Alternative D	54.2	50.6	46.9	45.0	46.3	49.9	54.0	56.8	56.7	56.9	58.4	57.8
Difference	-0.3	-0.1	0.4	0.2	0.0	0.0	0.3	-0.2	0.3	0.1	0.2	-0.2
Percent Difference	-0.6%	-0.2%	0.9%	0.5%	0.0%	0.1%	0.6%	-0.4%	0.5%	0.2%	0.3%	-0.39
Below Normal (17%)												
No Action Alternative	54.2	50.4	46.4	44.3	45.8	49.6	53.9	56.5	56.7	57.2	57.9	58.9
Alternative D	53.8	50.2	46.5	44.5	45.9	49.6	54.5	56.7	56.8	57.3	58.0	58.5
Difference	-0.5	-0.2	0.1	0.2	0.0	0.0	0.6	0.1	0.2	0.0	0.0	-0.4
Percent Difference	-0.8%	-0.4%	0.3%	0.5%	0.1%	0.1%	1.1%	0.2%	0.3%	0.1%	0.1%	-0.79
Ory (22%)												
No Action Alternative	55.7	51.1	46.0	44.3	46.4	50.4	54.0	56.1	57.1	57.4	58.6	60.0
Alternative D	54.9	50.7	46.0	44.7	46.4	50.4	54.6	56.3	57.6	57.7	58.3	59.3
Difference	-0.8	-0.4	0.0	0.4	0.0	0.1	0.6	0.2	0.5	0.3	-0.4	-0.7
Percent Difference	-1.4%	-0.8%	0.1%	0.8%	0.0%	0.1%	1.1%	0.3%	0.9%	0.4%	-0.6%	-1.19
Critical (15%)		•			•		•	•			•	
No Action Alternative	58.6	50.7	45.2	44.3	47.0	50.8	53.6	56.9	58.4	60.5	62.0	63.1
Alternative D	57.7	50.4	45.4	44.6	47.2	50.9	54.4	57.4	58.4	60.0	60.0	61.7
Difference	-0.9	-0.3	0.2	0.3	0.1	0.1	0.7	0.5	0.0	-0.5	-2.0	-1.3
Percent Difference	-1.6%	-0.6%	0.5%	0.6%	0.3%	0.2%	1.4%	0.9%	0.0%	-0.8%	-3.2%	-2.19



Figure SQ-06-9b Sacramento River at Red Bluff, Monthly Temperature Probability of Exceedance

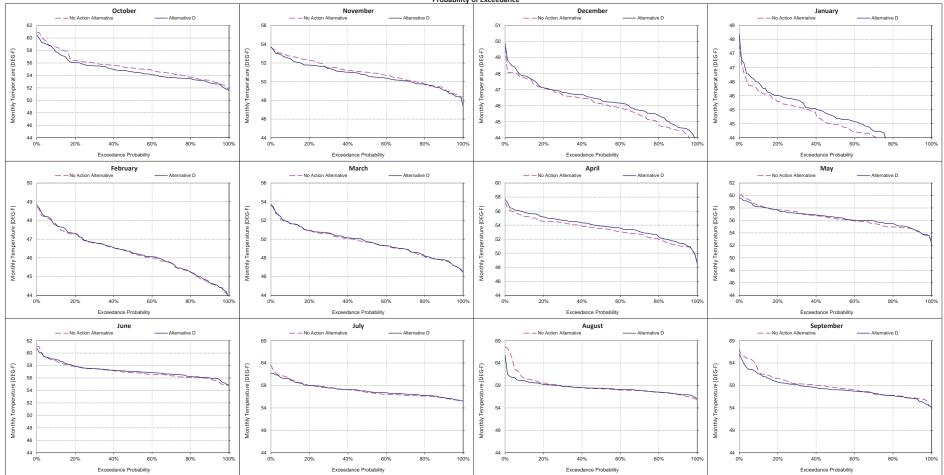


Table SO-06-9b Sacramento River at Red Bluff, Monthly Temperature Probability of Exceedanc

Decembe

November

Octobe

January Percent Percent Percent Percent No Action Alternative Alternative D Absolute Relative Exceedance Relative Relative Relative Exceedance Difference Difference Difference Difference Monthly Temperature Difference (%) Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) 0.0% 60.9 60.5 -0.4 -0.6% 0.0% 53.7 53.7 0.0% 49.6 49.9 0.6% 47.7 1.2% 60.9 60.0 -0.9 -1.5% 1.2% 53.5 53.4 -0.1 -0.1% 1.2% 48.1 48.8 0.8 1.6% 1.2% 46.6 46.8 0.1 0.3% 2.5% 60.3 59.3 -1.6% 2.5% 53.2 53.0 -0.4% 2.5% 48.1 48.6 1.2% 2.5% 46.3 46.7 0.8% 3.7% 3.7% 59.7 59.2 -0.5 -0.9% 3.7% 53.1 53.0 -0.1 -0.2% 3.7% 48.1 48.5 0.4 0.9% 46.1 46.3 0.2 0.5% 4.9% 59.5 59.1 -0.5 -0.8% 4.9% 53.1 52.9 -0.1 -0.2% 4.9% 48.0 48.4 0.4 0.8% 4.9% 45.9 46.3 0.4 0.9% 6.2% 6.2% 6.2% 6.2% 58.8 58.9 0.1 0.2% 53.0 52.7 -0.3 -0.6% 48.0 48.2 0.2 0.4% 45.9 46.2 0.3 0.7% 7.4% 0.0% 7.4% 52.6 -0.3-0.5% 7.4% 47.8 0.3% 7.4% 45.8 46.1 0.3 0.6% 0.1 8.6% 8.6% 8.6% 8.6% 58.6 58.3 -0.3 -0.5% 52.8 52.5 -0.2 -0.4% 47.8 47 9 0.2% 45.8 46.0 0.4% 9.9% 11.1% 12.3% -1.3% 9.9% -0.5% 11.1% 12.3% 58.4 57.6 -0.8 -1.3% 11.1% 52.7 52.3 -0.4 -0.8% 11.1% 47.7 47.8 0.1 0.3% 45.7 45.9 0.2 0.5% 13.6% 13.6% 13.6% -1.0% 13.6% 0.4% 58.0 57 1 -0 g -1 5% 52.6 52 1 -0.5 47.6 477 0.1 0.1% 45.6 45.8 0.2 47.3 16.0% 16.0% 16.0% 16.0% 57.9 56.5 -1.4 -2.3% 52.4 51.9 -0.5 -1.0% 47.3 47.5 0.2 0.4% 45.5 45.6 0.1 0.2% 18.5% 18.5% 51.8 -1.1% 18.5% 0.0% 18.5% 0.1 0.3% 56.4 56.1 -0.3 -0.6% 52.3 -0.6 47.2 47.2 0.0 45.4 45.5 19.8% 21.0% 56.4 56.4 -0.6% 51.8 51.7 -0.5 -0.5 19.8% 47.1 0.0% 19.8% 21.0% 0.2 21.0% 47.1 56.0 -0.3 -0.6% 52.2 -1.0% 47.1 0.0 45.3 45.5 0.5% 22.2% 23.5% 56.0 55.9 -0.4% 22.2% 23.5% -1 0% 22.2% 23.5% 22.2% 23.5% 45.5 0.3 51.7 47.1 47.0 -0.1 56.2 -0.3 -0.6% 52.1 -0.4 -0.7% -0.1% 45.2 45.4 0.5% 24.7% 25.9% -0.8% 24.7% 25.9% 24.7% 25.9% 0.0% 24.7% 25.9% 45.4 45.4 56.2 51.7 47 N 47.0 45.2 0.2 56.1 55.6 -0.5 52.0 51.6 -0.3 -0.6% 46.8 0.1 45.2 0.5% 46.9 27.2% 28.4% 27.2% 28.4% 55.6 -0.9% 27.2% 51.6 -0.6% 27.2% 46.8 46.9 45.2 45.4 0.2 56.1 -0.5 -1.0% 28.4% 51.5 51.6 0.1 0.1% 28.4% 0.1 0.2% 0.2 0.5% 46.8 46.9 45.1 45.4 29.6% 30.9% -0.8% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 51.4 51.4 -0.2% -0.2% 45.4 0.2 46.8 0.4% 45.3 0.5% 46.6 32.1% 55.9 55.5 -0.3 -0.6% 32.1% 51.5 51.3 -0.3 -0.5% 32.1% 46.6 46.8 0.2 0.4% 32.1% 45.1 45.3 0.2 0.5% 33.3% -0.3 -0.6% 33.3% 51.2 -0.3 -0.6% 33.3% 46.6 0.2 0.3% 33.3% 45.2 0.2 0.4% 34.6% 55.8 55.5 -0.3 -0.5% 34.6% 51.5 51.1 -0.4 -0.7% 34.6% 46.6 46.7 0.2 0.3% 34.6% 45.0 45.1 0.1 0.1% 35.8% -0.6% 35.8% 51.1 -0.5% 35.8% 0.2 35.8% 0.1% 55.7 0.3% 45.1 37.0% 55.7 55.2 -0.5 -1.0% 37.0% 51.3 51.1 -0.3-0.5% 37.0% 46.5 46.7 0.2 0.4% 37.0% 45.0 45.0 0.1 0.2% 38.3% 55.7 -1.1% 38.3% 51.0 38.3% 38.3% 44.9 0.3% 39.5% 55.6 55.0 -0.6 -1.1% 39.5% 51.2 51.0 -0.2 -0.4% 39.5% 46.5 46.7 0.2 0.5% 39.5% 44.9 45.0 0.1 0.3% 40.7% 55.6 54.9 -1.3% 40.7% 51.2 51.0 -0.2 -0.4% 40.7% 46.5 46.7 0.2 0.5% 40.7% 44.7 45.0 0.3 0.7% 42.0% 55.6 54.8 -0.7-1.3% 42.0% 51.2 51.0 -0.2-0.4% 42.0% 46.5 46.6 0.3% 42.0% 44.7 45.0 0.3 0.6% 43.2% 55.5 54.8 -0.7 -1.3% 43.2% 51.1 51.0 -0.2 -0.3% 43.2% 46.4 46.5 0.1 0.2% 43.2% 44.6 45.0 0.3 0.7% 44.4% -0.6 -1.1% 44.4% 51.1 51.0 -0.2 -0.3% 44.4% 46.4 46.5 0.2% 44.4% 44.6 44.9 0.3 0.7% 45.7% 45.7% 45.7% 55.3 54.8 -0.5 -0.9% 51.1 50.9 -0.2 -0.4% 46.3 46.5 0.2 0.4% 45.7% 44.5 44.8 0.3 0.7% 46.9% 55.2 54.8 -0.9% 46.9% 51.0 50.8 -0.3-0.6% 46.9% 46.2 46.5 0.7% 46.9% 44.5 44.8 0.3 0.7% 48.1% 55.2 54.6 -0.6 -1.1% 48.1% 51.0 50.7 -0.3 -0.6% 48.1% 46.1 46.4 0.3 0.6% 48.1% 44.5 44.8 0.3 0.7% 49.4% -0.6-1.1% 49.4% 50.7 -0.3-0.6% 49.4% 46.1 0.6% 49.4% 44.5 44.8 0.3 50.6% 50.6% 50.6% 55.2 54.5 -0.6 -1.2% 51.0 50.6 -0.4 -0.8% 46.1 46.3 0.2 0.4% 50.6% 44.5 44.7 0.2 0.5% 51.9% 54.5 54.4 -0.7 -1.2% -1.1% 51.9% 50.9 50.5 -0.4-0.8% 46.3 0.5% 51.9% 53.1% 44.7 0.2 0.5% 53.1% 53.1% 53.1% 55.0 0.2 0.4% -0.6 50.9 50.5 -0 4 -0.8% 46.0 46.2 44 4 447 0.5% 55.6% 56.8% 55.6% 55.6% 55.6% 55.0 54.3 -0.7 -1.3% 50.9 50.5 -0.4 -0.8% 46.0 46.2 0.3 0.6% 44.4 44.7 0.3 0.7% 58.0% 58.0% 58.0% 54.9 54.2 -0.7 -1.3% 50.7 50.4 -0.3 -0.6% 45.9 46.2 0.3 0.6% 58.0% 44.3 44.6 0.4 0.8% 60.5% 60.5% 60.5% 54.7 54.1 -0.7 -1.2% 50.7 50.4 -0.3 -0.6% 45.9 46.2 0.3 0.6% 60.5% 44.2 44.6 0.4 0.8% 61.7% 61.7% 50.3 63.0% 63.0% 54.6 63.0% 63.0% 54.0 -0.6 -1.2% 50.5 50.2 -0.3 -0.5% 45.8 46.1 0.3 0.7% 44.2 44.5 0.3 0.7% 64.2% 65.4% 54.5 54.5 53.8 53.8 -1.3% -1.3% 64.2% 65.4% 50.2 50.2 -0.5% -0.5% 64.2% 65.4% 45.8 45.7 0.6% 64.2% 65.4% 44.2 44.2 0.3 -0.7 -0.3 45.9 0.2 44.4 0.6% 50.4 66.7% 67.9% 54.5 54.4 -1.4% -1.3% 66.7% 67.9% 66.7% 67.9% 45.8 45.7 0.5% 66.7% 67.9% 53.7 53.7 50.4 50.1 50.1 -0.3 -0.2 -0.5% 45.6 0.2 44.4 0.3 0.6% 0.2 -0.7 44.1 44.4 50.3 -0.4% 45.5 0.5% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% -1 3% 45.5 44.3 54.3 53.7 50.1 0.2 -0.7 -1.2% -0.1 -0.2% 45.4 45.7 0.3 0.7% 44.0 44.2 0.4% 50.2 71.6% 54.2 53.7 -0.5 -1.0% -1.0% 71.6% 50.0 -0.3% 71.6% 45.3 45.7 0.8% 71.6% 44 0 442 0.2 72.8% 54.2 53.6 -0.6 72.8% 50.1 50.0 -0.1 -0.3% 72.8% 45.3 45.6 0.3 0.7% 72.8% 44.0 44.2 0.3 0.6% -1.1% -0.9% -0.3% -0.5% 74.1% 75.3% 74.1% 75.3% 74.1% 49.9 74.1% 0.9% 43.8 44.2 0.4 75.3% -0.2 75.3% 0.9% 76.5% -0.5 -0.9% 76.5% 49.9 49.8 -0.3% 76.5% 45.1 45.5 0.4 0.9% 76.5% 43.7 43.9 0.1 0.3% 77.8% -0.5% 77.8% -0.3% 77.8% 0.9% 77.8% 0.1 53.8 49.8 43.8 0.2% 79.0% 53.7 -0.3 -0.5% 79.0% 49.8 49.8 -0.2% 79.0% 45.0 45.5 0.5 1.0% 79.0% 43.7 43.8 0.0 0.1% 80.2% 53.7 -0.5% 80.2% 49.7 80.2% 44.7 1.4% 80.2% 0.2 0.2% 45.4 0.6 43.5 43.7 0.5% 81.5% 53.6 53.3 -0.3-0.6% 81.5% 49.6 49.7 0.1% 81.5% 44.7 45.3 0.6 1.3% 81.5% 43.5 43.7 0.1 0.3% 82.7% 53.5 -0.5% 82.7% 49.6 0.1% 82.7% 44.7 45.2 0.6 1.3% 82.7% 43.4 43.6 0.5% 84.0% 53.4 53.2 -0.2 -0.4% 84.0% 49.5 49.6 0.1 0.1% 84.0% 44.7 45.1 0.4 0.9% 84.0% 43.4 43.6 0.2 0.5% 85.2% 53.4 53.2 -0.2 -0.3% 85.2% 49.5 49.4 -0.1 -0.2% 85.2% 44.7 45.0 0.4 0.8% 85.2% 43.4 43.5 0.1 0.3% 86.4% 53.3 53.2 -0.4% 86.4% 49.5 49.4 -0.2% 86.4% 44.5 44.9 0.8% 86.4% 43.3 43.4 0.1 0.3% 87.7% 53.3 53.1 -0.2 -0.3% 87.7% 49 4 493 -0.1 -0.2% 87.7% 44.5 44.8 0.3 0.7% 87.7% 43.2 43.4 0.2 0.4% 88.9% 53.2 -0.3 -0.6% 88.9% 49.4 49.2 -0.2 -0.4% 88.9% 44.5 44.8 0.3 0.6% 88.9% 43.2 43.4 0.3 0.6% 90.1% 53.2 52.8 -0.4 -0.8% 90.1% 49.2 49.1 -0.2 -0.4% 90.1% 44.5 44.6 0.2 0.4% 90.1% 43.2 43.4 0.2 0.6% 91.4% 52.7 52.6 -0.8% 91.4% 49.0 0.1% 91.4% 44.5 44.6 91.4% 43.1 43.4 0.2 92.6% 92.6% 92.6% 52.9 -0.2 -0.4% 48.9 48.7 -0.2 -0.4% 44.4 44.6 0.2 0.4% 92.6% 43.1 433 0.5% 93.8% 52.6 -0.4% 48.7 -0.1% 44.3 44.6 93.8% 0.2 52.9 -0.293.8% 48.8 -0.193.8% 0.3 0.7% 43.1 43.3 0.5% 95.1% 95.1% 95.1% 95.1% 52.7 52.6 -0.1 -0.1% 48.7 48.6 -0.1 -0.3% 44.2 44.5 0.4 0.8% 43.0 43.2 0.2 0.4% 96.3% 52.2 52.0 -0.5% 96.3% 48.6 48.4 -0.2-0.4% 96.3% 97.5% 43.9 0.5 1.2% 96.3% 97.5% 42.7 42.7 0.1 0.1% 97.5% 97.5% 1.5% 0.2% 52.4 -0.5 -0.9% 48.6 48.4 -n 2 -0.4% 43.6 442 42 6 427 -0.5% 0.0% 98.8% 0.3% 100.0% 100.0% 100.0% 51.8 51.6 0.0 -0.4% 100.0% 48.3 47.3 -1.0 -2.1% 42.2 42.5 0.3 0.8% 41.9 42.7 0.8 2.0%

Table SQ-06-9b Sacramento River at Red Bluff, Monthly Temperature Probability of Exceedance

April

March

February

Percent Percent Percent Percent No Action Alternative Alternative D Absolute Relative Exceedance Relative Exceedance Relative Relative Difference Difference Difference Difference Monthly Temperature Difference (%) Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) (DEG-F) 0.0% 48.7 48.8 0.2% 0.0% 53.6 53.7 0.1% 0.0% 57.3 57.7 0.7% 60.1 59.7 1.2% 48.6 48.7 0.1 0.1% 1.2% 53.3 53.5 0.1 0.3% 1.2% 56.5 57.2 0.7 1.2% 1.2% 60.1 59.5 -0.6 -1.0% 2.5% 48.3 48.4 0.3% 2.5% 52.7 52.9 0.3% 2.5% 56.1 56.5 0.6% 2.5% 59.6 59.2 -0.5 -0.8% 3.7% 3.7% 48.2 48 3 0.0 0.1% 3.7% 52.7 52.6 -0.1 -0.1% 3.7% 56.0 56.4 0.5 0.8% 59.6 59.2 -0.4 -0.7% 4.9% 48.2 48.2 0.0 0.1% 4.9% 52.1 52.4 0.3 0.6% 4.9% 55.8 56.2 0.3 0.6% 4.9% 59.3 59.0 -0.4 -0.6% 6.2% 6.2% 6.2% 6.2% 48.1 48.2 0.1 0.2% 52.0 52.1 0.1 0.2% 55.7 56.1 0.5 0.8% 59.2 58.9 -0.3 -0.5% 7.4% 48.0 48.1 0.1% 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-0.4% 46.9 50.7 0.1 0.2% 54.5 54.9 0.4 57.6 57.2 50.6 -0.5% 27.2% 28.4% 27.2% 28.4% 46.9 46.8 -0.1% 27.2% 50.6 50.7 0.2% 27.2% 54.5 54.8 57.5 57.2 -0.3 46.8 46.8 0.0 0.0% 28.4% 50.7 0.1 0.2% 28.4% 54.4 54.7 0.3 0.6% 57.5 57.2 -0.3 -0.5% 50.6 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 46.8 46.8 0.1% 0.2% 0.2% 0.3 0.5% -0.3 -0.1 54.3 57.2 -0.2% 32.1% 46.8 46.8 0.0 0.0% 32.1% 50.4 50.5 0.3% 32.1% 54.2 54.6 0.4 0.8% 32.1% 57.1 57.1 0.0 0.0% 33.3% 46.8 0.0 -0.1% 33.3% 50.4 0.3% 33.3% 0.4 0.7% 33.3% 57.0 -0.1 -0.2% 34.6% 46.7 0.0 0.0% 34.6% 50.2 50.3 0.2% 34.6% 54.1 54.5 0.5 0.9% 34.6% 57.1 57.0 -0.1 -0.1% 35.8% 0.0% 35.8% 0.3% 35.8% 0.5 0.9% 35.8% 46.7 50.3 54.5 56.9 0.2% 37.0% 46.6 46.6 0.0 0.1% 37.0% 50.1 50.3 0.3% 37.0% 54.0 54.5 0.5 0.8% 37.0% 56.9 56.9 0.1 0.1% 38.3% 46.6 0.1% 38.3% 50.2 38.3% 54.0 54.4 38.3% 0.1 0.2% 0.8% 39.5% 46.6 46.6 0.0 0.0% 39.5% 50.1 50.2 0.1% 39.5% 53.9 54.4 0.5 0.9% 39.5% 56.8 56.9 0.2 0.3% 40.7% 46.5 46.5 0.0 0.0% 40.7% 50.1 50.1 0.1% 40.7% 53.8 54.3 0.5 0.9% 40.7% 56.7 56.8 0.1 0.2% 42.0% 46.5 46.5 0.0 0.1% 42.0% 50.0 50.1 0.2% 42.0% 53.8 54.3 0.5 0.9% 42.0% 56.7 56.8 0.1 0.2% 43.2% 46.5 46.5 0.0 0.0% 43.2% 50.0 50.1 0.1 0.2% 43.2% 53.7 54.3 0.5 1.0% 43.2% 56.7 56.7 0.1 0.1% 44.4% 46.4 0.0% 44.4% 49.9 50.1 0.4% 44.4% 53.7 54.1 0.8% 44.4% 56.7 56.7 0.1 0.2% 45.7% 45.7% 45.7% 46.4 46.4 0.0 -0.1% 49.8 50.0 0.2 0.5% 53.7 54.0 0.4 0.7% 45.7% 56.5 56.7 0.2 0.3% 46.9% 46.4 46.4 0.0% 46.9% 49.8 50.0 0.5% 46.9% 53.6 54.0 0.6% 46.9% 56.4 56.6 0.2 0.3% 48.1% 46.4 46.4 0.0 0.0% 48.1% 49.8 49 9 0.1 0.3% 48.1% 53.6 53.9 0.4 0.7% 48.1% 56.4 56.6 0.2 0.4% 49.4% 46.2 46.3 0.1 0.2% 49.4% 49.8 0.1% 49.4% 53.5 53.9 0.7% 49.4% 56.3 56.6 0.2 0.4% 50.6% 50.6% 50.6% 50.6% 46.2 46.2 0.0 0.0% 49.7 49.7 0.0 0.0% 53.5 53.9 0.4 0.7% 56.3 56.5 0.2 0.4% 51.9% 46.2 46.2 0.0 0.1% 51.9% 49.6 49.7 53.8 0.3 0.6% 51.9% 53.1% 56.2 56.2 56.4 0.2 0.4% 53.1% 53.1% 53.1% 0.1% 46 1 46.2 49.6 496 0.0 53.4 53.8 56.4 0.4% 55.6% 56.8% 55.6% 55.6% 55.6% 46.1 46.1 0.1 0.2% 49.4 49.4 0.0 0.0% 53.3 53.7 0.4 0.7% 56.1 56.2 0.0 0.1% 58.0% 58.0% 58.0% 46.0 46.1 0.0 0.1% 49.4 49.3 -0.1 -0.1% 53.1 53.6 0.5 0.9% 58.0% 56.0 56.1 0.1 0.2% 60.5% 60.5% 60.5% 46.0 46.1 0.1 0.1% 49.2 49.3 0.1 0.1% 53.0 53.5 0.5 0.9% 60.5% 55.9 56.0 0.1 0.3% 61.7% 49.3 63.0% 63.0% 0.1% 63.0% 63.0% 0.1 45.9 46.0 0.1 49.1 49.2 0.0 0.1% 53.0 53.4 0.4 0.8% 55.9 56.0 0.3% 64.2% 65.4% 45.8 45.8 46.0 45.9 0.1 64.2% 65.4% 49.1 49.1 64.2% 65.4% 64.2% 65.4% 0.2 0.0 0.1% 53.4 0.6 55.8 0.3% 0.2% 49.0 52.8 1.1% 56.0 66.7% 67.9% 45.8 45.8 0.0% 66.7% 67.9% 66.7% 67.9% 53.4 53.3 66.7% 67.9% 45.8 49.0 0.0% 52.8 0.6 1.1% 55.8 56.0 0.1 0.0 0.5 45.8 49.0 49.0 0.0 0.0% 52.8 1.0% 55.6 56.0 0.7% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 0.0% 49.0 52.7 0.8% 55.5 45.7 0.4 45.7 0.0 0.0% 48.9 0.0 0.1% 52.7 53.1 0.3 0.6% 55.5 55.9 0.7% 48.9 71.6% 45.5 45.6 0.1 0.2% 71.6% 48.8 48.9 0.1% 71.6% 52.7 52.9 0.3 0.5% 71.6% 55.4 55.8 0.3 72.8% 45.5 45.5 72.8% 48.6 48.6 0.0 0.1% 72.8% 52.5 52.9 0.4 0.7% 72.8% 55.4 55.7 0.4 0.6% 74.1% 75.3% 74.1% 75.3% 0.1% 74.1% 48.6 74.1% 1.0% 0.6 75.3% 0.1% 75.3% 0.6 0.9% 76.5% 45.4 45.4 0.0 0.0% 76.5% 48.4 48.6 0.4% 76.5% 52.2 52.7 0.5 1.0% 76.5% 55.0 55.5 0.5 1.0% 77.8% -0.1% 77.8% 77.8% 1.0% 77.8% 0.5 0.2% 52.1 55.0 1.0% 79.0% 45.3 45.3 0.0 -0.1% 79.0% 48.3 48.4 0.2% 79.0% 52.1 52.6 0.5 1.0% 79.0% 55.0 55.5 0.5 1.0% 80.2% 80.2% 48.2 80.2% 51.9 0.6% 80.2% 45.2 0.0% 48.1 0.2% 52.2 55.0 55.5 0.5 1.0% 81.5% 45.1 45.2 0.0 0.1% 81.5% 48.1 48.1 0.2% 81.5% 51.8 52.1 0.4 0.7% 81.5% 54.9 55.3 0.4 82.7% 45.0 45.1 0.1 0.2% 82.7% 48.0 48.0 0.1% 82.7% 51.7 52.0 0.3 0.6% 82.7% 54.9 0.4% 84.0% 45.0 45.0 0.0% 84.0% 48.0 48.0 0.0 0.0% 84.0% 51.5 52.0 0.5 0.9% 84.0% 54.8 55.1 0.3 0.5% 85.2% 44.9 45.0 0.1 0.3% 85.2% 47.9 47.9 0.0 -0.1% 85.2% 51.5 51.9 0.5 0.9% 85.2% 54.8 55.1 0.3 0.5% 86.4% 44.8 44.9 0.1% 86.4% 47.8 47.9 0.1% 86.4% 51.3 51.8 0.9% 86.4% 54.8 55.1 0.3 0.5% 87.7% 44.8 44.8 0.0 0.1% 87.7% 47.8 47.8 0.0 0.0% 87.7% 51.3 51.7 0.5 0.9% 87.7% 54.8 55.0 0.2 0.4% 88.9% 0.1 0.2% 88.9% 47.7 47.8 0.1% 88.9% 51.2 51.7 0.5 0.9% 88.9% 54.7 54.8 0.1 0.1% 90.1% 44.7 44.6 0.0 -0.1% 90.1% 47.7 47.8 0.1 0.1% 90.1% 51.1 51.5 0.4 0.8% 90.1% 54.6 54.7 0.0 0.0% 91.4% 44.6 91.4% 47.6 47.7 91.4% 91.4% 54.5 54.5 0.0 -0.1 91.4% 92.6% 92.6% 44.6 44.6 0.0 0.0% 47.6 47.6 0.1 0.2% 51.0 51.4 0.4 0.8% 92.6% 54.4 54.3 -0.3% 93.8% 44.5 0.0 47.4 47.4 93.8% 54.2 54.2 44.5 0.1% 93.8% 0.0 0.0% 93.8% 50.9 51.2 0.3 0.6% 0.0 0.0% 95.1% 95.1% 95.1% 95.1% 44.4 44.4 0.0 0.0% 47.2 47.2 0.0 0.0% 50.9 51.0 0.1 0.1% 53.8 53.9 0.1 0.1% 96.3% 44.4 96.3% 47.1 47.1 0.0% 96.3% 97.5% 50.8 0.2% 96.3% 97.5% 53.8 -0.1 -0.2 -0.2% -0.1 97.5% 0.1% 97.5% -0.3% 44.2 442 0.1 46.9 47 0 0.0 0.0% 50.4 50.4 -0.1% 53.8 53.6 0.2% -0.2% 98.8% 0.0% 100.0% 100.0% 100.0% 43.6 43.6 0.0% 100.0% 46.4 46.4 0.0% 48.5 48.5 0.0 0.0% 52.6 52.5 -0.1 -0.2%

Table SQ-06-9b Sacramento River at Red Bluff, Monthly Temperature Probability of Exceedance

August

September

Percent Percent Percent Percent No Action Alternative Alternative D Absolute Relative Exceedance Relative Exceedance Relative Relative Difference Difference Difference Difference Monthly Temperature Difference (%) Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) 0.0% 61.1 60.8 -0.3 -0.5% 0.0% 63.6 61.7 -1.8 -2.9% 0.0% 67.6 65.7 -2.8% 67.0 66.0 -1.5% 1.2% 61.0 60.1 -0.9 -1.5% 1.2% 62.4 61.6 -0.7 -1.2% 1.2% 67.3 61.5 -5.8 -8.6% 1.2% 65.6 65.0 -0.7 -1.0% 2.5% 59.9 60.0 0.1% 2.5% 61.8 61.4 -0.6% 2.5% 66.3 61.0 -7.9% 2.5% 65.5 63.8 -2.6% 3.7% 3.7% 59.5 59.5 0.0 0.0% 3.7% 61.4 61.3 -0.1 -0.1% 3.7% 65.0 60.7 -4.3 -6.6% 65.1 63.0 -2.1 -3.2% 4.9% 59.4 59.4 0.0 0.0% 4.9% 61.3 60.8 -0.5 -0.8% 4.9% 62.6 60.7 -3.0% 4.9% 64.9 62.6 -2.3 -3.5% 6.2% 6.2% 6.2% 6.2% 59.1 59.3 0.2 0.3% 61.2 60.6 -0.5 -0.9% 62.3 60.3 -2.1 -3.4% 64.8 62.6 -2.2 -3.4% 7.4% 59.1 0.1 0.2% 7.4% 60.6 -0.4-0.7% 7.4% 61.9 -1.8 -0.9 -2.9% -1.5% 7.4% 64.4 62.4 -2.0 -1.6 8.6% 8.6% 8.6% 8.6 · . 9.9% 11.1% 12.3% 8.6% 58.9 59.0 60.8 60.5 -0.3 -0.6% 61.0 60.1 63.7 62.1 -2.6% -1.0% 9.9% 0.3% 0.5% -1.3% 11.1% 12.3% 58.5 58.9 0.4 0.6% 11.1% 60.1 60.2 0.1 0.2% 11.1% 60.4 59.9 -0.5 -0.9% 61.6 61.5 -0.1 -0.2% 13.6% 13.6% 13.6% 0.5% 58.3 58.6 0.3 59.7 59.6 -0.1 -0.2% 60.3 597 -0.6 -1.0% 61.4 61.0 -0.5 -0.8% 0.3% 16.0% 16.0% 16.0% 16.0% 58.2 58.2 0.1 0.1% 59.4 59.6 0.2 0.3% 60.0 59.6 -0.5 -0.8% 61.1 60.4 -0.7 -1.2% 18.5% 0.2% 18.5% -0.3% 18.5% 18.5% -1.1% 57.9 58.0 0.1 59.2 59.1 -0.2 59.6 59.4 -0.2 -0.4% 60.6 59.9 -0.7 19.8% 21.0% 57.9 57.9 57.9 57.8 0.0 0.0% 59.0 0.0% 19.8% 21.0% -0.3 -0.3 19.8% 21.0% 59.8 21.0% 58.9 59.0 0.0 59.5 59.2 -0.5% 60.5 59.6 -0.9 -1.4% 22.2% 23.5% 57.7 57.7 0.0% 22.2% 23.5% 59.0 0.2% 0.1% 22.2% 23.5% -0.2% 22.2% 23.5% -0.1 -0.2 -0.7 -0.7 57.6 -1.1% -0.1 58.8 58.9 0.0 59.3 59.1 -0.3% 60.2 59.5 24.7% 25.9% 57.5 57.5 0.1% 24.7% 25.9% 24.7% 25.9% 24.7% 25.9% 58.9 0.4% 59.2 -0.2 -0.2 -0.3% 59.5 -0.5 -0.6 -0.9% 57.6 0.1 58.5 58.8 0.3 0.5% 59.1 59.9 -1.0% 59.2 -0.3% 59.3 27.2% 28.4% 0.1% 27.2% 28.4% 57.5 57.6 27.2% 58.5 58.8 0.4% 27.2% 59.1 59.0 -0.2% 59.5 593 -0.2 57.5 0.0 28.4% 58.7 0.1 0.2% 28.4% 59.1 58.9 -0.1 -0.2% 59.4 -0.2 -0.3% 58.5 59.3 29.6% 30.9% 0.0% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 0.0% 0.0 -0.1% -0.1% 59.2 59.1 -0.2 -0.3 -0.1% -0.5% 58.8 32.1% 57.4 57.5 0.0 0.0% 32.1% 58.5 58.4 -0.1% 32.1% 58.8 58.8 -0.1 -0.1% 32.1% 59.3 58.9 -0.5 -0.8% 33.3% 57.4 0.1 0.1% 33.3% -0.1% 33.3% 58.8 -0.1 -0.2% 33.3% 59.3 -0.5 -0.8% 34.6% 57.3 0.1 0.2% 34.6% 58.3 58.2 -0.1% 34.6% 58.7 58.7 0.0 0.0% 34.6% 59.3 58.8 -0.5 -0.8% 35.8% 57.3 0.1% 35.8% 35.8% 0.0% 35.8% 58.2 0.0% 58.6 0.0 59.2 -0.4 -0.7% 37.0% 57.3 0.1 0.1% 37.0% 58.2 0.1% 37.0% 58.6 58.6 0.0 0.0% 37.0% 59.2 58.7 -0.5 -0.9% 38.3% 57.2 57.3 0.1% 38.3% 58.1 38.3% 0.0% 38.3% -0.5 -0.9% 39.5% 57.2 57.3 0.0 0.1% 39.5% 58.1 58.1 0.0 0.0% 39.5% 58.6 58.5 -0.1 -0.1% 39.5% 59.0 58.6 -0.4 -0.7% 40.7% 57.1 57.2 0.1 0.1% 40.7% 58.0 58.1 0.1% 40.7% 58.6 58.5 -0.1 -0.2% 40.7% 59.0 58.4 -0.6 -0.7 -0.9% 42.0% 57.1 57.2 0.1 0.2% 42.0% 58.0 58.1 0.2% 42.0% 58.4 58.5 0.2% 42.0% 59.0 58.3 -1.2% 0.2% 43.2% 57.0 57.2 0.2 0.3% 43.2% 57.9 58.1 0.1 43.2% 58.3 58.4 0.1 0.2% 43.2% 59.0 58.3 -0.7 -1.1% 44.4% 0.2 0.3% 44.4% 57.9 58.0 0.2% 44.4% 58.3 58.4 0.1% 44.4% 59.0 58.3 -0.7 -1.2% 45.7% 45.7% 45.7% 57.0 57.1 0.2 0.3% 57.8 57.9 0.1 0.1% 58.3 58.4 0.1 0.2% 45.7% 58.8 58.2 -0.5 -0.9% 46.9% 57.0 0.1 0.2% 46.9% 57.7 57.8 0.2% 46.9% 58.3 58.4 0.2% 46.9% 58.7 58.1 -0.5 -0.9% 48.1% 49.4% -1.0% 56.9 57.1 0.2 0.3% 48.1% 57.6 57.8 0.1 0.2% 48.1% 58.3 58.4 0.1 0.2% 48.1% 58.6 58.0 -0.6 56.9 0.2 0.3% 49.4% 57.8 0.3 0.5% 49.4% 58.3 0.2% 49.4% 58.5 58.0 -0.5-0.8%50.6% 50.6% 50.6% 56.8 57.0 0.2 0.4% 57.5 57.6 0.2 0.3% 58.2 58.4 0.1 0.2% 50.6% 58.5 58.0 -0.5 -0.8% 51.9% 0.2 0.4% 51.9% 57.6 57.5 0.2 0.4% 58.2 58.3 0.2% 51.9% 53.1% 58.4 58.0 -0.3 -0.4 -0.6% 0.1 53.1% 53.1% 53.1% 56.8 57.0 57.3 0.3% 58.2 58.3 58.4 58.0 -0.6% 55.6% 56.8% 55.6% 55.6% 55.6% -0.3 -0.3 56.8 56.9 0.2 0.3% 57.2 57.4 0.3 0.5% 58.1 58.3 0.2 0.3% 58.3 57.9 -0.6% 58.0% 58.0% 58.0% 56.6 56.9 0.3 0.5% 57.1 57.4 0.3 0.6% 58.1 58.1 0.1 0.2% 58.0% 58.2 57.8 -0.3 -0.6% 60.5% 60.5% 60.5% 56.6 56.9 0.3 0.5% 57.0 57.3 0.3 0.6% 58.0 58.1 0.2 0.3% 60.5% 58.0 57.7 -0.3 -0.6% 61.7% 61.7% 57.6 63.0% 63.0% 63.0% 63.0% 57.7 56.6 56.8 0.2 0.4% 57.0 57.2 0.2 0.4% 57.9 58.1 0.2 0.3% 57.6 -0.1 -0.2% 64.2% 65.4% 56.8 56.7 0.2 0.4% 64.2% 65.4% 64.2% 65.4% 64.2% 65.4% 57.6 57.5 -0.1 -0.1 0.2 56.5 57.2 0.4% 57.9 58.1 0.2 57.7 57.0 0.3% -0.3% 66.7% 67.9% 56.5 56.4 0.2% 66.7% 67.9% 66.7% 67.9% 66.7% 67.9% 0.1 57.2 0.5% 57.9 58.1 0.2 0.3% 57.6 57.5 -0.1 -0.2 -0.3% 56.9 56.6 57.2 0.5% 57.4 57.9 57.9 0.0 57.6 56.9 0.3 0.1% -0.3% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 56.6 56.6 0.5% 57 0.6% 57 / 57.4 0.3 57.1 0.2 56.3 0.5% 56.8 0.3 0.5% 57.8 57.9 0.1 0.1% 57.0 57.2 0.3% 71.6% 56.3 56.6 0.3 0.5% 0.7% 71.6% 56.8 57.0 0.5% 71.6% 57.8 57.8 71.6% 57.0 57.2 0.2 72.8% 56.2 56.6 0.4 72.8% 56.7 57.0 0.3 0.5% 72.8% 57.7 57.8 0.1 0.2% 72.8% 56.9 57.1 0.1 0.3% 74.1% 75.3% 74.1% 75.3% 0.7% 74.1% 0.5% 74.1% 0.0% 56.9 0.1 75.3% 0.5% 75.3% 0.0% 76.5% 0.3 0.6% 76.5% 56.7 56.9 0.5% 76.5% 57.7 57.6 -0.1 -0.1% 76.5% 56.8 56.8 0.0 0.0% 77.8% 0.4% 77.8% 77.8% -0.1% 77.8% 0.0 -0.1% 0.2 0.3% 79.0% 56.1 0.2 0.3% 79.0% 56.6 56.8 0.2 0.3% 79.0% 57.5 57.5 0.0 0.0% 79.0% 56.8 56.8 0.0 0.0% 80.2% 56.1 0.3% 80.2% 56.8 80.2% 57.5 0.1% 80.2% 0.0 0.3% 57.5 56.7 0.0% 81.5% 56.1 56.2 0.1 0.2% 81.5% 56.6 56.8 0.3% 81.5% 57.4 57.5 0.1% 81.5% 56.7 56.6 -0.1-0.2%82.7% 56.0 0.3% 82.7% 56.7 0.3% 82.7% 57.4 57.4 0.1 0.1% 82.7% 56.7 -0.2 -0.3% 84.0% 56.0 56.2 0.2 0.3% 84.0% 56.5 56.7 0.2 0.3% 84.0% 57.4 57.4 0.1% 84.0% 56.6 56.5 -0.1 -0.2% 85.2% 56.0 56.1 0.1 0.1% 85.2% 56.5 56.6 0.2 0.3% 85.2% 57.3 57.4 0.1 0.2% 85.2% 56.6 56.5 -0.1 -0.1% 86.4% 0.1% 86.4% 56.6 0.4% 86.4% 57.2 57.3 0.1% 86.4% 56.5 56.3 -0.2-0.4% 87.7% 56.0 56.1 0.1 0.2% 87.7% 56.4 56.4 0.0 0.0% 87.7% 57.2 57.2 -0.1 -0.1% 87.7% 56.2 56.2 0.0 0.0% 88.9% 56.0 56.1 0.1 0.1% 88.9% 56.3 56.3 0.1% 88.9% 57.2 57.1 -0.2 -0.3% 88.9% 56.2 56.2 0.0 0.0% 90.1% 55.9 56.0 0.1 0.3% 90.1% 56.3 56.3 0.1 0.1% 90.1% 56.9 57.0 0.1 0.2% 90.1% 56.2 56.1 -0.1 -0.2% 91.4% 0.3% 91.4% 56.2 0.2% 91.4% 56.9 91.4% 56.2 56.1 56.1 -0.1 -0.2 0.2 91.4% 92.6% 92.6% 55.6 55.9 0.6% 56.0 56.1 0.1 56.8 56.9 0.1 0.2% 92.6% 55.9 -0.3% 93.8% 55.5 56.6 56.9 93.8% 56.1 55.4 -1.1% 55.9 0.3 0.6% 93.8% 55.9 56.1 0.2 0.4% 93.8% 0.3 0.5% -0.695.1% 95.1% 95.1% 95.1% 55.3 55.8 0.5 0.9% 55.8 55.9 0.1 0.2% 56.5 56.9 0.4 0.7% 56.0 55.4 -0.6 -1.1% 96.3% 55.3 0.4 0.7% 96.3% 0.0 0.0% 96.3% 97.5% 56.3 0.6 96.3% 97.5% 55.9 -0.9 -0.8 -1.5% 97.5% 0.3 97.5% 55.0 55.2 0.5% 55.8 55.7 -0.1 -0.2% 56.2 56.7 0.8% 55.6 54.8 -1 4% 0.2% -0.2% 98.8% 0.0% 100.0% 100.0% 100.0% 54.8 54.9 0.1 0.2% 100.0% 55.6 55.6 0.0 0.0% 55.9 56.1 0.4% 54.3 54.3 0.0 0.0%

Table SQ-07-9a
Sacramento River below Red Bluff, Monthly Temperature
Long-term Average and Average by Water Year Type

		,	,	,	Mon	thly Temp	erature (DI	EG-F)	,			
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Loi	ng-term							
Full Simulation Period ¹												
No Action Alternative	55.4	51.0	46.1	44.5	46.2	49.7	53.4	56.5	57.1	57.9	58.8	59.0
Alternative D	54.9	50.7	46.3	44.7	46.3	49.8	53.8	56.5	57.2	58.0	58.5	58.5
Difference	-0.5	-0.2	0.3	0.2	0.0	0.1	0.4	0.0	0.1	0.1	-0.3	-0.5
Percent Difference ³	-0.9%	-0.5%	0.6%	0.5%	0.1%	0.1%	0.8%	0.1%	0.3%	0.1%	-0.5%	-0.89
				Water Y	ear Types	2						
Net (32%)												
No Action Alternative	54.8	51.4	46.1	44.6	45.9	48.7	52.3	56.1	56.9	58.0	58.2	56.7
Alternative D	54.6	51.2	46.6	44.8	46.0	48.7	52.5	56.0	56.8	58.1	58.3	56.6
Difference	-0.2	-0.2	0.4	0.1	0.0	0.0	0.1	-0.2	-0.1	0.2	0.1	-0.1
Percent Difference	-0.4%	-0.4%	0.9%	0.3%	0.0%	0.1%	0.3%	-0.3%	-0.2%	0.3%	0.2%	-0.29
Above Normal (15%)												
No Action Alternative	54.5	50.7	46.5	44.8	46.3	49.9	53.8	57.1	56.4	56.9	58.3	58.0
Alternative D	54.2	50.6	46.9	45.0	46.3	49.9	54.1	56.9	56.7	57.0	58.5	57.8
Difference	-0.3	-0.1	0.4	0.2	0.0	0.0	0.3	-0.2	0.3	0.1	0.2	-0.2
Percent Difference	-0.6%	-0.2%	0.9%	0.5%	0.0%	0.1%	0.6%	-0.4%	0.5%	0.2%	0.3%	-0.39
Below Normal (17%)												
No Action Alternative	54.2	50.4	46.4	44.3	45.9	49.6	53.9	56.6	56.7	57.3	57.9	59.0
Alternative D	53.8	50.2	46.5	44.5	45.9	49.7	54.5	56.7	56.8	57.3	58.0	58.6
Difference	-0.5	-0.2	0.1	0.2	0.0	0.0	0.6	0.1	0.2	0.0	0.0	-0.4
Percent Difference	-0.8%	-0.4%	0.3%	0.5%	0.1%	0.1%	1.1%	0.2%	0.3%	0.1%	0.1%	-0.79
Dry (22%)												
No Action Alternative	55.7	51.1	46.0	44.3	46.4	50.4	54.1	56.2	57.1	57.5	58.6	60.0
Alternative D	55.0	50.7	46.0	44.7	46.4	50.4	54.7	56.4	57.6	57.7	58.3	59.4
Difference	-0.8	-0.4	0.0	0.4	0.0	0.1	0.6	0.2	0.5	0.3	-0.4	-0.7
Percent Difference	-1.4%	-0.8%	0.1%	0.8%	0.0%	0.1%	1.1%	0.3%	0.9%	0.4%	-0.6%	-1.19
Critical (15%)		,	,	,	,				,			
No Action Alternative	58.6	50.7	45.2	44.3	47.1	50.8	53.7	56.9	58.4	60.5	62.0	63.1
Alternative D	57.7	50.4	45.4	44.6	47.2	50.9	54.4	57.4	58.4	60.0	60.0	61.8
Difference	-0.9	-0.3	0.2	0.3	0.1	0.1	0.7	0.5	0.0	-0.5	-2.0	-1.3
Percent Difference	-1.6%	-0.6%	0.4%	0.6%	0.2%	0.2%	1.4%	0.9%	0.0%	-0.8%	-3.2%	-2.19

1 Based on the 82-year simulation period

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



Figure SQ-07-9b Sacramento River below Red Bluff, Monthly Temperature Probability of Exceedance

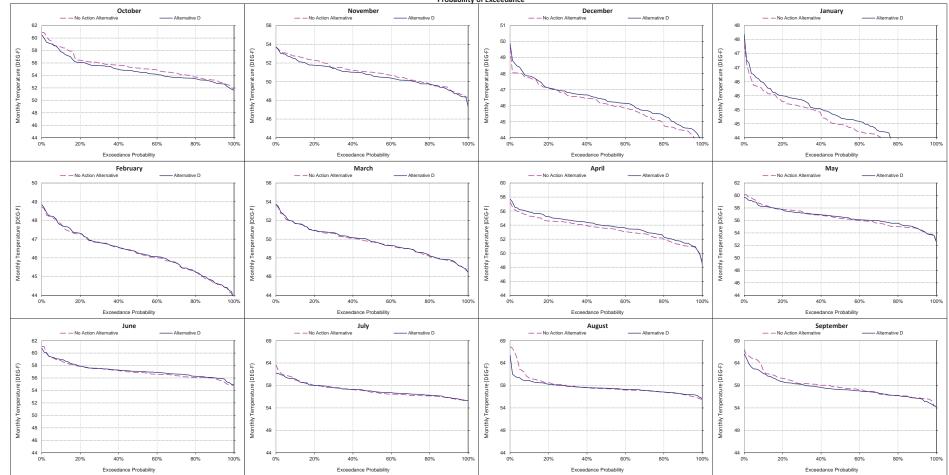


Table SO-07-9b Sacramento River below Red Bluff, Monthly Temperature Probability of Exceedanc

November

Octobe

January Percent Percent Percent Percent No Action Alternative Alternative D Absolute Relative Exceedance Relative Relative Relative Exceedance Difference Difference Difference Difference Monthly Temperature Difference (%) Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) 0.0% 60.9 60.5 -0.4 -0.6% 0.0% 53.7 53.7 0.0% 49.6 49.9 0.6% 47.7 1.2% 60.9 60.0 -0.9 -1.5% 1.2% 53.5 53.4 0.0 -0.1% 1.2% 48.1 48.8 0.8 1.6% 1.2% 46.6 46.8 0.1 0.3% 2.5% 60.3 59.3 -1.6% 2.5% 53.2 53.0 -0.4% 2.5% 48.1 48.6 1.2% 2.5% 46.3 46.7 0.8% 3.7% 3.7% 59.7 59.2 -0.5 -0.9% 3.7% 53.1 53.0 -0.1 -0.2% 3.7% 48.0 48.5 0.4 0.9% 46.1 46.3 0.2 0.5% 4.9% 59.5 59.1 -0.5 -0.8% 4.9% 53.1 52.9 -0.1 -0.3% 4.9% 48.0 48.4 0.4 0.8% 4.9% 45.9 46.3 0.4 0.8% 6.2% 6.2% 6.2% 6.2% 58.8 58.9 0.1 0.2% 53.0 52.7 -0.3 -0.6% 48.0 48.2 0.2 0.4% 45.8 46.1 0.3 0.7% 7.4% 0.0% 7.4% -0.2 -0.2 -0.5% 7.4% 47.8 0.3% 7.4% 45.8 46.1 0.3 0.6% 0.1 8.6% 8.6% 8.6% 8.6% 58.6 58.3 -0.3 -0.5% 52.8 52.5 -0.5% 47.8 47 9 0.2% 45.8 46.0 0.4% 9.9% 11.1% 12.3% -1.4% 9.9% -0.5% 11.1% 12.3% 58.4 57.7 -0.8 -1.3% 11.1% 52.7 52.3 -0.4 -0.8% 11.1% 47.7 47.8 0.1 0.3% 45.7 45.9 0.2 0.4% 13.6% 13.6% 13.6% 13.6% 0.4% 58.0 57.2 -0 g -1 5% 52.6 52 1 -0.5 -0.9% 47.6 477 0.0 0.1% 45.6 45.8 0.2 47.3 16.0% 16.0% 16.0% 16.0% 57.9 56.5 -1.4 -2.3% 52.4 51.9 -0.5 -1.0% 47.3 47.5 0.2 0.4% 45.5 45.6 0.1 0.2% 18.5% 18.5% 51.8 -1.1% 18.5% 0.0% 18.5% 0.1 0.3% 56.5 56.1 -0.4 -0.6% 52.3 -0.6 47.2 47.2 0.0 45.4 45.5 19.8% 21.0% 56.4 56.4 -0.3 -0.6% 51.8 51.7 -0.5 -0.5 19.8% 47.1 0.0% 19.8% 21.0% 0.2 21.0% 47.1 56.1 -0.6% 52.2 -1.0% 47.1 0.0 45.3 45.5 0.5% 22.2% 23.5% 56.0 55.9 -0.4% 22.2% 23.5% -1 0% 22.2% 23.5% 22.2% 23.5% 45.5 0.3 51.7 47.1 47.0 -0.1 56.2 -0.3 -0.6% 52.1 -0.4 -0.7% -0.1% 45.2 45.4 0.5% 24.7% 25.9% 24.7% 25.9% 24.7% 25.9% 0.0% 24.7% 25.9% 45.4 45.4 56.2 -0.8% 51.7 -0.6% 47 N 47.0 45.2 0.2 56.2 55.6 -0.5 52.0 51.6 -0.3 -0.6% 46.8 0.1 45.2 0.5% -0.9% 46.9 27.2% 28.4% 27.2% 28.4% 55.6 -0.9% 27.2% 51.6 -0.6% 27.2% 46.8 46.9 45.2 45.4 0.2 56.1 -0.5 -0.9% 28.4% 51.5 51.6 0.0 0.1% 28.4% 0.1 0.2% 0.2 0.5% 46.8 46.9 45.1 45.4 29.6% 30.9% -0.8% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 51.4 51.4 -0.2% -0.2% 45.4 0.2 46.8 0.4% 45.3 0.5% 46.6 32.1% 55.9 55.5 -0.3 -0.6% 32.1% 51.5 51.3 -0.3 -0.5% 32.1% 46.6 46.8 0.2 0.4% 32.1% 45.1 45.3 0.2 0.5% 33.3% -0.6% 33.3% 51.2 -0.3 -0.6% 33.3% 46.6 0.2 0.4% 33.3% 45.2 0.2 0.4% 34.6% 55.8 55.5 -0.3 -0.5% 34.6% 51.5 51.1 -0.4 -0.7% 34.6% 46.6 46.7 0.2 0.3% 34.6% 45.0 45.1 0.1 0.2% 35.8% -0.6% 35.8% 51.1 -0.5% 35.8% 0.2 35.8% 55.8 0.3% 45.1 0.1% 37.0% 55.7 55.2 -0.5 -0.9% 37.0% 51.3 51.1 -0.3-0.5% 37.0% 46.5 46.7 0.2 0.4% 37.0% 45.0 45.0 0.1 0.2% 38.3% 55.7 -1.1% 38.3% 51.0 38.3% 38.3% 44.9 0.2% 39.5% 55.6 55.0 -0.6 -1.1% 39.5% 51.2 51.0 -0.2 -0.4% 39.5% 46.4 46.7 0.2 0.5% 39.5% 44.9 45.0 0.1 0.3% 40.7% 55.6 54.9 -1.3% 40.7% 51.2 51.0 -0.2 -0.4% 40.7% 46.4 46.7 0.2 0.5% 40.7% 44.7 45.0 0.3 0.7% 42.0% 55.6 54.9 -0.7-1.3% 42.0% 51.2 51.0 -0.2-0.4% 42.0% 46.4 46.6 0.3% 42.0% 44.7 45.0 0.3 0.6% 43.2% 55.6 54.8 -0.7 -1.3% 43.2% 51.1 51.0 -0.2 -0.3% 43.2% 46.4 46.5 0.1 0.2% 43.2% 44.6 45.0 0.3 0.7% 44.4% -0.6 -1.1% 44.4% 51.1 51.0 -0.2 -0.3% 44.4% 46.4 46.5 0.2% 44.4% 44.6 44.9 0.3 0.7% 45.7% 45.7% 45.7% 55.3 54.8 -0.5 -1.0% 51.1 50.9 -0.2 -0.4% 46.3 46.5 0.2 0.4% 45.7% 44.5 44.8 0.3 0.7% 46.9% 55.3 54.8 -0.9% 46.9% 51.1 50.8 -0.3-0.6% 46.9% 46.2 46.4 0.6% 46.9% 44.5 44.8 0.3 0.7% 48.1% 55.2 54.6 -0.6 -1.1% 48.1% 51.0 50.7 -0.3 -0.6% 48.1% 46.1 46.4 0.3 0.6% 48.1% 44.5 44.8 0.3 0.7% 49.4% -0.6-1.1% 49.4% 50.7 -0.3-0.6% 49.4% 46.1 0.6% 49.4% 44.5 44.7 0.3 0.6% 50.6% 50.6% 50.6% 55.2 54.6 -0.6 -1.1% 51.0 50.6 -0.4 -0.8% 46.1 46.3 0.2 0.4% 50.6% 44.5 44.7 0.2 0.5% 51.9% 55.1 55.1 54.5 54.5 -0.7 -1.2% -1.1% 51.9% 50.9 50.5 -0.4-0.7% 46.0 0.2 0.4% 51.9% 53.1% 44.7 0.2 0.5% 53.1% 53.1% 53.1% 50.5 -0.6 50.9 -0 4 -0.8% 46.0 46.2 0.4% 44 4 447 0.5% 55.6% 56.8% 55.6% 55.6% 55.6% 55.0 54.3 -0.7 -1.3% 50.9 50.5 -0.4 -0.8% 46.0 46.2 0.3 0.6% 44.4 44.6 0.3 0.6% 58.0% 58.0% 58.0% 55.0 54.2 -0.7 -1.3% 50.7 50.4 -0.3 -0.6% 45.9 46.2 0.2 0.5% 58.0% 44.3 44.6 0.3 0.8% 60.5% 60.5% 60.5% 54.8 54.1 -0.7 -1.2% 50.7 50.4 -0.3 -0.6% 45.8 46.1 0.3 0.7% 60.5% 44.2 44.6 0.4 0.8% 61.7% 50.3 63.0% 63.0% 54.6 63.0% -0.2 63.0% 54.0 -0.6 -1.2% 50.5 50.3 -0.5% 45.8 46.1 0.3 0.7% 44.2 44.5 0.3 0.7% 64.2% 65.4% 54.6 54.5 53.9 53.8 -1.3% -1.3% 64.2% 65.4% 50.2 50.2 -0.5% -0.5% 64.2% 65.4% 0.5% 64.2% 65.4% 44.2 44.1 0.3 -0.7 -0.3 45.9 0.2 44.4 0.6% 50.4 45.6 66.7% 67.9% 54.5 54.4 -1.4% -1.3% 66.7% 67.9% 66.7% 67.9% 45.8 45.7 0.5% 66.7% 67.9% 53.8 53.7 50.4 50.2 50.1 -0.3 -0.2 -0.5% 45.6 0.2 44.4 0.3 0.2 -0.7 44.4 50.3 -0.4% 45.5 44.1 0.5% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% -1 3% 45.5 44.3 54.4 53.7 0.2 -0.7 -1.2% 50.1 -0.1 -0.2% 45.4 45.7 0.3 0.7% 44.0 44.2 0.4% 50.2 71.6% 54.2 53.7 -0.5 -1.0% -1.0% 71.6% 50.0 -0.3% 71.6% 45.3 45.7 0.8% 71.6% 44 0 442 0.2 72.8% 54.2 53.6 -0.6 72.8% 50.1 50.0 -0.1 -0.3% 72.8% 45.3 45.6 0.3 0.7% 72.8% 44.0 44.2 0.3 0.6% -1.1% -0.9% -0.3% -0.5% 74.1% 75.3% 74.1% 75.3% 74.1% 49.9 74.1% 0.9% 43.8 44.2 0.4 75.3% -0.2 75.3% 0.9% 76.5% -0.5 -0.9% 76.5% 49.9 49.8 -0.3% 76.5% 45.1 45.5 0.4 0.9% 76.5% 43.7 43.9 0.1 0.3% 77.8% -0.5% 77.8% -0.3% 77.8% 0.9% 77.8% 0.1 53.8 49.8 43.8 0.2% 79.0% 53.7 -0.2 -0.5% 79.0% 49.9 49.8 -0.2% 79.0% 45.0 45.4 1.0% 79.0% 43.7 43.8 0.0 0.1% 80.2% 53.7 -0.5% 80.2% 49.7 80.2% 44.7 1.4% 80.2% 0.2 0.2% 45.3 0.6 43.5 43.7 0.5% 81.5% 53.7 53.3 -0.3-0.6% 81.5% 49.6 49.7 0.1% 81.5% 44.7 45.3 0.6 1.3% 81.5% 43.5 43.7 0.1 0.3% 82.7% 53.5 -0.5% 82.7% 49.6 0.1% 82.7% 44.7 45.2 0.6 1.3% 82.7% 43.4 43.6 0.5% 84.0% 53.4 53.3 -0.2 -0.4% 84.0% 49.5 49.6 0.1% 84.0% 44.7 45.0 0.4 0.8% 84.0% 43.4 43.6 0.2 0.5% 85.2% 53.4 53.2 -0.1 -0.3% 85.2% 49.5 49.4 -0.1 -0.2% 85.2% 44.6 45.0 0.4 0.8% 85.2% 43.4 43.5 0.1 0.3% 86.4% 53.2 -0.4% 86.4% 49.5 49.4 -0.2% 86.4% 44.5 44.9 0.8% 86.4% 43.3 43.4 0.1 0.2% 87.7% 53.3 53.1 -0.2 -0.3% 87.7% 49 4 493 -0.1 -0.2% 87.7% 44.5 44.8 0.3 0.7% 87.7% 43.2 43.4 0.2 0.4% 88.9% 53.3 -0.3 -0.6% 88.9% 49.4 49.2 -0.2 -0.4% 88.9% 44.5 44.7 0.3 0.6% 88.9% 43.2 43.4 0.2 0.6% 90.1% 53.3 52.8 -0.4 -0.8% 90.1% 49.2 49.1 -0.2 -0.4% 90.1% 44.5 44.6 0.2 0.4% 90.1% 43.2 43.4 0.2 0.6% 91.4% 52.7 52.7 -0.8% 91.4% 49.0 0.1% 91.4% 44.4 44.6 91.4% 43.1 43.4 0.2 92.6% 92.6% 92.6% 52.9 -0.2 -0.4% 48.9 48.7 -0.2 -0.4% 44.4 44.6 0.2 0.4% 92.6% 43.1 433 0.5% 93.8% 52.6 -0.4% 48.7 -0.1% 44.3 44.6 93.8% 0.2 52.9 -0.293.8% 48.8 -0.193.8% 0.3 0.7% 43.1 43.3 0.5% 95.1% 95.1% 95.1% 95.1% 52.7 52.6 -0.1 -0.1% 48.8 48.6 -0.1 -0.3% 44.2 44.5 0.4 0.8% 43.0 43.1 0.2 0.4% 96.3% 52.3 52.0 -0.5% 96.3% 48.6 48.4 -0.2-0.4% 96.3% 97.5% 43.8 0.5 1.2% 96.3% 97.5% 42.7 42.7 0.1 0.1% 97.5% 97.5% 1.4% 0.2% 52.4 -0.5 -0.9% 48.6 48.4 -n 2 -0.4% 43.6 442 42 6 427 -0.5% 0.0% 98.8% 0.3% 100.0% 100.0% 100.0% 51.8 51.6 0.0 -0.4% 100.0% 48.3 47.3 -1.0 -2.1% 42.1 42.5 0.3 0.8% 41.9 42.7 0.8 2.0%

Table SQ-07-9b
Sacramento River below Red Bluff, Monthly Temperature
Probability of Exceedance

April

May

March

February

Exceedance Office Attendance Atte	Percent		rebluary			Percent		warcn			Percent		Aprii			Percent		way		
		No Action Alternative	Alternative D	Absolute	Relative		No Action Alternative	Alternative D	Absolute	Relative		No Action Alternative	Alternative D	Absolute	Relative		No Action Alternative	Alternative D	Absolute	Relative
No. 1987 1	Probability	Monthly Temperature	Monthly Temperature		Difference (%)					Difference (%)	Probability	Monthly Temperature	Monthly Temperature		Difference (%)		Monthly Temperature	Monthly Temperature		Difference (%)
The color The	(%)										(%)					(%)				
14	0.0%					0.0%					0.0%					0.0%				-0.7%
1.5																				
15						2.5%					2.5%					2.5%			-0.5	-0.8%
Section Sect	3.7%					3.7%													-0.4	
Total Color Total Colo																				
14 15 15 15 15 15 15 15																				
10																			-0.4	
1.5 40	8.6%			-0.1		8.6%					8.6%				0.9%				-0.4	-0.7%
150 170																			-0.2	
1.50	11.1%			0.0		11.1%				0.0%	11.1%								-0.2	-0.3%
140																				
400																				
15																				
14.0				0.0	0.1%		51.3				16.0%				1.1%				0.1	0.1%
18																17.3%				
2					0.1%						18.5%									0.1%
22.50																				
200																				
24.77																				
24.00											23.5%							57.5		
27.75																			-0.3	
27.5	25.9%									0.2%	25.9%				0.7%	25.9%			-0.3	-0.5%
200. 40.	27.2%	46.9	46.8	-0.1	-0.1%	27.2%	50.6		0.1	0.2%	27.2%	54.5	54.9	0.4	0.7%	27.2%	57.5	57.3	-0.3	-0.4%
246.0					0.0%							54.4			0.6%					
100 100				0.0	0.1%	29.6%	50.6		0.1	0.1%	29.6%	54.4							-0.3	-0.5%
30 fts	30.9%	46.8	46.8	0.0		30.9%	50.6	50.7	0.1	0.2%	30.9%		54.7	0.3		30.9%	57.3	57.2	-0.1	-0.2%
340. 467 467 400 00% 3465 503 503 503 503 503 505 575 3466 568 577 570 501 507 507 507 507 507 507 507 507 507 507				0.0		32.1%				0.3%	32.1%			0.4					0.0	-0.1%
340. 467 467 400 00% 3465 503 503 503 503 503 505 575 3466 568 577 570 501 507 507 507 507 507 507 507 507 507 507	33.3%	46.8	46.8		-0.1%		50.3	50.4		0.3%	33.3%			0.4	0.7%	33.3%	57.1	57.0	-0.1	-0.2%
35 36 36 37 36 36 36 36 36																				
370% 668 668 000 000 370% 502 503 02 02 035 3370% 541 046 05 000 370% 500 370 01 015 035 035 03 02 02 03 03 03 03 03 03 03 03 03 03 03 03 03				0.0		35.8%	50.2		0.1		35.8%	54.1	54.5						0.1	0.2%
390% 465 465 00 0.0% 250% 501 502 00 0.1% 250% 503 544 0.5 0.9% 320% 503 544 0.9% 320% 503 5						37.0%			0.2		37.0%		54.5							
300% 405 405 00 01% 300% 501 002 00 01% 300% 503 544 05 09% 300% 503 547 000 011 00% 400% 405 405 000 011% 400% 405 405 09% 405 405 000 011% 400% 400% 400% 400% 400% 400%	38.3%	46.6	46.6	0.0	0.1%	38.3%	50.1	50.2	0.1	0.2%	38.3%	54.0	54.5	0.5	0.9%	38.3%	56.9	57.0	0.1	0.2%
40.7% 46.5 46.5 00 0.0% 40.7% 50.1 00 0.0% 40.7% 50.8 54.0 0.0% 40.7% 50.8 55.0 0.1 0.1% 40.7% 50.8 50.0 0.0% 40.7% 50.8 50.0 0.0% 40.7% 50.8 50.0 0.0% 40.7% 50.8 50.0 0.0% 40.7% 50.8 50.0 0.0% 40.7% 50.8 50.0 0.0% 40.7% 50.8 50.0 0.0% 40.7% 50.8 50.0 0.0% 40.7% 50.8 50.0 0.0% 40.7% 50.8 50.0 0.0% 40.7% 50.8 50.0 0.0% 40.7% 50.8 50.0 0.0% 50.0 0.0 0.0% 50.0 0.0% 50.0 0.0% 50.0 0.0% 50.0 0.0% 50.0 0.0% 50.0 0.0 0.0% 50.0 0.0% 50.0 0.0% 50.0 0.0% 50.0 0.0% 50.0 0.0% 50.0 0.0 0.0% 50.0 0.0 0.0% 50.0 0.0 0.0% 50.0 0.0 0.0% 50.0 0.0 0.0% 50.0 0.0 0.0% 50.0 0.0 0.0% 50.0 0.0 0.0% 50.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.				0.0					0.0		39.5%			0.5		39.5%			0.1	0.3%
2.0% 46.5 46.5 0.0 0.1% 42.0% 50.0 50.1 0.1 0.2% 52.0% 52.0 53.0 0.5 0.0% 42.0% 52.7 56.0 0.1 0.2% 52.0% 52.0 52.0 52.0 52.0 52.0 52.0 52.0 52.0					0.0%		50.1			0.1%					0.9%					
42.5% 46.5 46.5 46.5 0.0 0.0% 42.5% 50.0 50.1 0.1 0.2% 54.2% 52.8 54.3 0.5 10% 42.5% 56.8 0.1 0.2% 54.5% 54.4 42.4 46.4 46.4 0.0 0.0% 54.5% 54.5% 56.1 0.2 0.0% 54.5% 54.5% 54.4 0.0 0.4 0.7% 54.5% 56.8 56.7 0.2 0.0% 54.5% 54.5% 54.4 0.0 0.4 0.7% 54.5% 56.8 56.7 0.2 0.0% 54.5% 54.5% 54.4 0.0 0.4 0.7% 54.5% 54.5% 56.8 55.7 0.2 0.0% 54.5% 54.5% 54.4 0.0 0.4 0.7% 54.5%				0.0		42.0%					42.0%							56.9		0.2%
44-06 46.4 46.5 0.0 0.0% 44-4% 49.9 50.1 0.2 0.0% 44-4% 50.7 55.8 0.1 0.2% 64-1% 64-1% 65.7 55.8 0.1 0.2% 64-1% 64-1% 64-1% 65.7 55.8 0.1 0.2% 64-1% 6	43.2%	46.5						50.1		0.2%	43.2%		54.3						0.1	0.2%
487% 484 486 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0							49.9									44.4%				
## 40.5				0.0		45.7%			0.2	0.5%		53.7	54.1	0.4		45.7%			0.1	0.2%
48.1% 46.4 46.4 46.4 40.0 0.0% 48.1% 48.8 49.9 0.1 0.3% 48.1% 58.6 58.9 0.4 0.7% 48.1% 56.4 56.6 0.2 0.2%																				
49.0 42.2 46.3 0.1 0.1% 49.4% 49.7 49.8 0.1 0.1% 49.4% 50.6 53.9 0.4 0.7% 49.4% 56.6 0.2 0.4% 53.6% 53.5% 53.5% 63.5%																				
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$97.5\% \qquad 44.2 \qquad 44.2 \qquad 0.1 \qquad 0.1\% \qquad 97.5\% \qquad 46.9 \qquad 47.0 \qquad 0.0 \qquad 0.0\% \qquad 97.5\% \qquad 50.4 \qquad 0.0 \qquad -0.1\% \qquad 97.5\% \qquad 53.8 \qquad 53.7 \qquad -0.1 \qquad -0.2\% \qquad 98.5\% \qquad 44.1 \qquad 44.2 \qquad 0.1 \qquad 0.2\% \qquad 98.5\% \qquad 46.7 \qquad 46.8 \qquad 0.1 \qquad 0.1\% \qquad 98.8\% \qquad 49.9 \qquad 49.8 \qquad -0.1 \qquad -0.2\% \qquad 98.5\% \qquad 53.7 \qquad 53.6 \qquad 0.0 \qquad 0.0\% \qquad 0.$																				
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100.0% 43.5 43.5 0.0 0.0% 100.0% 52.6 52.5 -0.1 -0.2%																				
	100.0%	43.b	43.6	0.0	0.0%	100.0%	46.5	46.5	0.0	0.0%	100.0%	48.5	48.5	0.0	0.0%	100.0%	52.6	52.5	-0.1	-0.2%

Table SQ-07-9b
Sacramento River below Red Bluff, Monthly Temperature
Probability of Exceedance

August

September

Percent		48 E D			Percent		411 11 15			Percent		40 0 0			Percent		AU D		
Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative
Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	61.1	60.8	-0.3	-0.5%	0.0%	63.6	61.8	-1.8	-2.8%	0.0%	67.6	65.7	-1.9	-2.8%	0.0%	67.0	66.0	-1.0	-1.5%
1.2%	61.0	60.2	-0.9	-1.5%	1.2%	62.4	61.7	-0.7	-1.2%	1.2%	67.3	61.5	-5.8	-8.6%	1.2%	65.6	65.0	-0.7	-1.0%
2.5%	59.9	60.0	0.1	0.1%	2.5%	61.8	61.4	-0.4	-0.6%	2.5%	66.3	61.1	-5.2	-7.9%	2.5%	65.6	63.8	-1.7	-2.6%
3.7%	59.5	59.5	0.0	0.0%	3.7%	61.4	61.3	-0.1	-0.1%	3.7%	65.0	60.8	-4.2	-6.5%	3.7%	65.2	63.1	-2.1	-3.2%
4.9%	59.4	59.4	0.0	0.0%	4.9%	61.3	60.8	-0.5	-0.8%	4.9%	62.6	60.8	-1.9	-3.0%	4.9%	64.9	62.7	-2.2	-3.5%
6.2%	59.1	59.3	0.1	0.2%	6.2%	61.2	60.6	-0.5	-0.9%	6.2%	62.4	60.3	-2.1	-3.3%	6.2%	64.9	62.7	-2.2	-3.4%
7.4%	59.0	59.1	0.1	0.2%	7.4%	61.0	60.6	-0.4	-0.7%	7.4%	61.9	60.1	-1.8	-2.9%	7.4%	64.4	62.5	-2.0	-3.1%
8.6%	58.9	59.1	0.2	0.3%	8.6%	60.9	60.5	-0.3	-0.5%	8.6%	61.0	60.1	-0.9	-1.5%	8.6%	63.8	62.1	-1.7	-2.6%
9.9%	58.8	58.9	0.1	0.2%	9.9%	60.2	60.5	0.3	0.4%	9.9%	60.7	60.1	-0.6	-0.9%	9.9%	62.4	61.7	-0.8	-1.2%
11.1% 12.3%	58.6 58.5	58.9 58.7	0.4	0.6%	11.1% 12.3%	60.1 60.0	60.2 59.8	0.1	0.2%	11.1% 12.3%	60.5 60.4	59.9 59.8	-0.5 -0.6	-0.9% -1.1%	11.1% 12.3%	61.6 61.6	61.5 61.1	-0.1 -0.5	-0.2%
																			-0.8%
13.6% 14.8%	58.3 58.2	58.6 58.4	0.3 0.2	0.5%	13.6% 14.8%	59.7 59.6	59.7 59.6	-0.1 0.0	-0.2% 0.1%	13.6% 14.8%	60.3 60.1	59.7 59.6	-0.6 -0.5	-1.0% -0.8%	13.6% 14.8%	61.5 61.4	61.0 60.7	-0.5 -0.7	-0.8% -1.1%
16.0%	58.2	58.2	0.2	0.1%	16.0%	59.4	59.6	0.0	0.1%	16.0%	60.0	59.6	-0.5	-0.8%	16.0%	61.2	60.5	-0.7	-1.1%
17.3%	58.0	58.2	0.1	0.1%	17.3%	59.4	59.0	-0.3	-0.4%	17.3%	59.8	59.6	-0.5	-0.4%	17.3%	60.8	60.2	-0.7	-1.2%
18.5%	57.9	58.1	0.1	0.2%	18.5%	59.2	59.1	-0.2	-0.4%	18.5%	59.7	59.4	-0.2	-0.4%	18.5%	60.7	60.0	-0.7	-1.2%
19.8%	57.9	57.9	0.0	0.0%	19.8%	59.0	59.0	0.0	0.1%	19.8%	59.6	59.3	-0.2	-0.6%	19.8%	60.6	59.9	-0.7	-1.2%
21.0%	57.9	57.9	0.0	0.0%	21.0%	59.0	59.0	0.0	0.1%	21.0%	59.5	59.2	-0.3	-0.5%	21.0%	60.6	59.7	-0.9	-1.4%
22.2%	57.7	57.8	0.0	0.0%	22.2%	58.9	59.0	0.1	0.2%	22.2%	59.3	59.2	-0.1	-0.2%	22.2%	60.2	59.6	-0.6	-1.1%
23.5%	57.7	57.6	-0.1	-0.1%	23.5%	58.9	58.9	0.0	0.1%	23.5%	59.3	59.1	-0.2	-0.3%	23.5%	60.2	59.6	-0.7	-1.1%
24.7%	57.6	57.6	0.0	0.1%	24.7%	58.7	58.9	0.2	0.4%	24.7%	59.2	59.1	-0.2	-0.3%	24.7%	60.0	59.5	-0.5	-0.9%
25.9%	57.5	57.6	0.1	0.1%	25.9%	58.6	58.9	0.3	0.5%	25.9%	59.2	59.1	-0.1	-0.3%	25.9%	60.0	59.4	-0.6	-1.0%
27.2%	57.5	57.6	0.0	0.1%	27.2%	58.5	58.8	0.2	0.4%	27.2%	59.1	59.0	-0.1	-0.2%	27.2%	59.6	59.3	-0.2	-0.4%
28.4%	57.5	57.6	0.1	0.1%	28.4%	58.5	58.7	0.1	0.2%	28.4%	59.1	59.0	-0.2	-0.3%	28.4%	59.5	59.3	-0.1	-0.2%
29.6%	57.5	57.5	0.0	0.0%	29.6%	58.5	58.5	0.0	0.0%	29.6%	58.9	58.8	-0.1	-0.1%	29.6%	59.4	59.3	-0.2	-0.3%
30.9%	57.5	57.5	0.0	0.0%	30.9%	58.5	58.5	-0.1	-0.1%	30.9%	58.8	58.8	-0.1	-0.1%	30.9%	59.4	59.1	-0.3	-0.5%
32.1%	57.5	57.5	0.0	0.0%	32.1%	58.5	58.4	-0.1	-0.1%	32.1%	58.8	58.8	-0.1	-0.1%	32.1%	59.4	58.9	-0.5	-0.8%
33.3%	57.4	57.4	0.1	0.1%	33.3%	58.4	58.4	0.0	-0.1%	33.3%	58.8	58.7	-0.1	-0.2%	33.3%	59.4	58.9	-0.5	-0.8%
34.6%	57.3	57.4	0.1	0.2%	34.6%	58.3	58.2	-0.1	-0.1%	34.6%	58.7	58.7	0.0	0.0%	34.6%	59.3	58.9	-0.5	-0.8%
35.8%	57.3	57.4	0.0	0.1%	35.8%	58.2	58.2	0.0	0.0%	35.8%	58.7	58.7	0.0	0.0%	35.8%	59.3	58.9	-0.4	-0.7%
37.0%	57.3	57.3	0.1	0.2%	37.0%	58.1	58.2	0.1	0.1%	37.0%	58.6	58.6	0.0	0.0%	37.0%	59.3	58.7	-0.5	-0.9%
38.3%	57.3	57.3	0.0	0.0%	38.3%	58.1	58.1	0.0	0.0%	38.3%	58.6	58.6	0.0	0.0%	38.3%	59.2	58.7	-0.5	-0.9%
39.5%	57.2	57.3	0.0	0.1%	39.5%	58.1	58.1	0.0	0.1%	39.5%	58.6	58.5	-0.1	-0.1%	39.5%	59.1	58.6	-0.4	-0.7%
40.7%	57.2	57.2	0.1	0.1%	40.7%	58.0	58.1	0.1	0.1%	40.7%	58.6	58.5	-0.1	-0.1%	40.7%	59.0	58.5	-0.5	-0.9%
42.0%	57.1	57.2	0.1	0.2%	42.0%	58.0	58.1	0.1	0.2%	42.0%	58.4	58.5	0.1	0.2%	42.0%	59.0	58.4	-0.7	-1.1%
43.2%	57.0	57.2	0.2	0.3%	43.2%	58.0	58.1	0.1	0.2%	43.2%	58.4	58.5	0.1	0.2%	43.2%	59.0	58.4	-0.7	-1.1%
44.4%	57.0	57.2	0.2	0.3%	44.4%	57.9	58.1	0.1	0.2%	44.4%	58.3	58.4	0.1	0.2%	44.4%	59.0	58.3	-0.7	-1.2%
45.7%	57.0	57.1	0.2	0.3%	45.7%	57.9	57.9	0.1	0.1%	45.7%	58.3	58.4	0.1	0.2%	45.7%	58.8	58.3	-0.5	-0.9%
46.9%	57.0	57.1	0.1	0.2%	46.9%	57.7	57.8	0.1	0.2%	46.9%	58.3	58.4	0.1	0.2%	46.9%	58.7	58.1	-0.6	-1.0%
48.1%	56.9	57.1	0.2	0.3%	48.1%	57.7	57.8	0.1	0.2%	48.1%	58.3	58.4	0.1	0.2%	48.1%	58.7	58.1	-0.6	-1.0%
49.4%	56.9	57.1	0.2	0.3%	49.4%	57.5	57.8	0.3	0.5%	49.4%	58.3	58.4	0.1	0.2%	49.4%	58.5	58.1	-0.4	-0.8%
50.6%	56.9	57.1	0.2	0.3%	50.6%	57.5	57.6	0.1	0.2%	50.6%	58.3	58.4	0.1	0.2%	50.6%	58.5	58.1	-0.4	-0.8%
51.9%	56.9	57.1	0.2	0.4%	51.9%	57.4	57.6	0.2	0.4%	51.9% 53.1%	58.3	58.3	0.1	0.2%	51.9%	58.4	58.0	-0.4	-0.6%
53.1%	56.8	57.0 57.0	0.2	0.4%	53.1% 54.3%	57.4	57.5 57.5	0.2	0.3%	53.1% 54.3%	58.2	58.3 58.3	0.1	0.2%	53.1% 54.3%	58.4 58.3	58.0 58.0	-0.3	-0.6%
54.3% 55.6%	56.8 56.8	57.0	0.2	0.4%	55.6%	57.2 57.2	57.5 57.5	0.3	0.5% 0.5%	55.6%	58.2 58.1	58.3	0.1	0.2%	55.6%	58.3	57.9	-0.3 -0.3	-0.5% -0.6%
56.8%	56.6	57.0	0.2	0.5%	56.8%	57.2	57.5 57.4	0.3	0.5%	56.8%	58.1	58.2	0.2	0.3%	56.8%	58.2	57.9 57.9	-0.3	-0.5%
58.0%	56.6	56.9	0.3	0.6%	58.0%	57.1	57.4	0.3	0.6%	58.0%	58.1	58.2	0.1	0.1%	58.0%	58.2	57.8	-0.4	-0.7%
59.3%	56.6	56.9	0.3	0.5%	59.3%	57.1	57.4	0.3	0.6%	59.3%	58.0	58.1	0.1	0.1%	59.3%	58.1	57.8	-0.4	-0.7%
60.5%	56.6	56.9	0.3	0.5%	60.5%	57.1	57.4	0.3	0.5%	60.5%	58.0	58.1	0.2	0.3%	60.5%	58.1	57.7	-0.4	-0.6%
61.7%	56.6	56.8	0.3	0.5%	61.7%	57.0	57.3	0.2	0.4%	61.7%	58.0	58.1	0.2	0.3%	61.7%	58.0	57.7	-0.3	-0.5%
63.0%	56.6	56.8	0.3	0.4%	63.0%	57.0	57.3	0.2	0.4%	63.0%	57.9	58.1	0.2	0.3%	63.0%	57.7	57.7	-0.1	-0.1%
64.2%	56.5	56.8	0.2	0.4%	64.2%	57.0	57.2	0.2	0.3%	64.2%	57.9	58.1	0.2	0.3%	64.2%	57.7	57.6	-0.1	-0.1%
65.4%	56.5	56.8	0.2	0.4%	65.4%	57.0	57.2	0.2	0.4%	65.4%	57.9	58.1	0.2	0.3%	65.4%	57.7	57.6	-0.1	-0.2%
66.7%	56.5	56.7	0.1	0.2%	66.7%	56.9	57.2	0.3	0.4%	66.7%	57.9	58.1	0.2	0.3%	66.7%	57.7	57.5	-0.1	-0.3%
67.9%	56.4	56.7	0.2	0.4%	67.9%	56.9	57.2	0.3	0.5%	67.9%	57.9	57.9	0.0	0.1%	67.9%	57.6	57.5	-0.1	-0.2%
69.1%	56.4	56.7	0.3	0.5%	69.1%	56.8	57.1	0.3	0.6%	69.1%	57.9	57.9	0.0	0.1%	69.1%	57.5	57.5	0.0	0.0%
70.4%	56.3	56.6	0.3	0.5%	70.4%	56.8	57.1	0.3	0.5%	70.4%	57.8	57.9	0.1	0.1%	70.4%	57.0	57.2	0.2	0.3%
71.6%	56.3	56.6	0.3	0.5%	71.6%	56.8	57.1	0.3	0.5%	71.6%	57.8	57.8	0.0	0.0%	71.6%	57.0	57.2	0.2	0.4%
72.8%	56.2	56.6	0.4	0.7%	72.8%	56.8	57.0	0.3	0.5%	72.8%	57.7	57.8	0.1	0.2%	72.8%	56.9	57.1	0.1	0.3%
74.1%	56.2	56.6	0.4	0.7%	74.1%	56.7	57.0	0.3	0.5%	74.1%	57.7	57.7	0.0	0.0%	74.1%	56.9	57.0	0.1	0.2%
75.3%	56.2	56.5	0.3	0.6%	75.3%	56.7	57.0	0.3	0.5%	75.3%	57.7	57.7	0.0	0.0%	75.3%	56.8	56.9	0.0	0.1%
76.5%	56.1	56.5	0.3	0.6%	76.5%	56.7	57.0	0.3	0.5%	76.5%	57.7	57.6	0.0	-0.1%	76.5%	56.8	56.8	0.0	0.0%
77.8%	56.1	56.3	0.2	0.3%	77.8%	56.7	56.8	0.2	0.3%	77.8%	57.6	57.6	0.0	-0.1%	77.8%	56.8	56.8	0.0	0.0%
79.0%	56.1	56.3	0.2	0.3%	79.0%	56.7	56.8	0.2	0.3%	79.0%	57.5	57.6	0.0	0.0%	79.0%	56.8	56.8	0.0	0.0%
80.2%	56.1	56.3	0.2	0.3%	80.2%	56.7	56.8	0.2	0.3%	80.2%	57.5	57.5	0.0	0.1%	80.2%	56.8	56.8	0.0	0.0%
81.5%	56.1	56.2	0.1	0.2%	81.5%	56.6	56.8	0.2	0.3%	81.5%	57.4	57.5	0.0	0.1%	81.5%	56.7	56.6	-0.1	-0.2%
82.7%	56.1	56.2	0.1	0.2%	82.7%	56.6	56.8	0.2	0.3%	82.7%	57.4	57.5	0.1	0.1%	82.7%	56.7	56.5	-0.2	-0.3%
84.0%	56.1	56.2	0.2	0.3%	84.0%	56.6	56.7	0.2	0.3%	84.0%	57.4	57.4	0.0	0.1%	84.0%	56.6	56.5	-0.1	-0.2%
85.2%	56.0	56.1	0.1	0.2%	85.2%	56.5	56.7	0.2	0.3%	85.2%	57.3	57.4	0.1	0.2%	85.2%	56.6	56.5	-0.1	-0.1%
86.4%	56.0	56.1	0.1	0.1%	86.4%	56.4	56.6	0.2	0.4%	86.4%	57.3	57.3	0.0	0.1%	86.4%	56.5	56.3	-0.2	-0.4%
87.7%	56.0	56.1	0.1	0.2%	87.7%	56.4	56.4	0.0	0.0%	87.7%	57.3	57.2	0.0	-0.1%	87.7%	56.3	56.2	0.0	0.0%
88.9%	56.0	56.1	0.1	0.1%	88.9%	56.3	56.4	0.1	0.1%	88.9%	57.3	57.1	-0.2	-0.3%	88.9%	56.2	56.2	0.0	-0.1%
90.1%	55.9	56.0 55.9	0.1	0.2%	90.1%	56.3	56.3	0.1	0.1%	90.1%	57.0	57.1	0.1	0.2%	90.1%	56.2	56.1	-0.1	-0.2%
91.4%	55.8 55.6	55.9 55.9	0.2	0.3%	91.4% 92.6%	56.1 56.1	56.2 56.1	0.1 0.1	0.2%	91.4% 92.6%	56.9	57.0	0.1	0.2%	91.4% 92.6%	56.2 56.1	56.1 56.0	-0.1 -0.1	-0.2%
92.6% 93.8%	55.6 55.6	55.9 55.9	0.3	0.6%	92.6%	56.1 55.9	56.1 56.1	0.1	0.1%	92.6%	56.8 56.6	56.9 56.9	0.1	0.2%	92.6%	56.1 56.1	56.0 55.4	-0.1	-0.3%
95.1%	55.6 55.3	55.9 55.8	0.3	0.6%	93.8%	55.9 55.8	56.1 56.0	0.2	0.4%	95.1%	56.6	56.9	0.3	0.5%	93.8%	56.1 56.0	55.4 55.4	-0.6	-1.2% -1.1%
95.1%	55.3 55.0	55.8 55.4	0.5	0.9%	95.1% 96.3%	55.8 55.8	55.8	0.1	0.2%	95.1% 96.3%	56.3	56.9	0.4	1.0%	95.1% 96.3%	55.9	55.4 55.1	-0.6	-1.1% -1.5%
96.3%	55.0 55.0	55.4 55.2	0.4	0.7%	96.3%	55.8 55.8	55.8 55.7	-0.1	-0.2%	96.3%	56.3 56.3	56.9 56.7	0.6	0.8%	96.3%	55.9 55.6	55.1 54.8	-0.8	-1.5% -1.4%
97.5%	54.9	55.2 55.0	0.3	0.5%	97.5%	55.7	55.6	-0.1	-0.2%	97.5%	56.0	56.4	0.4	0.6%	97.5%	54.5	54.6 54.5	0.0	0.0%
100.0%	54.8	54.9	0.1	0.2%	100.0%	55.6	55.6	0.0	0.0%	100.0%	55.9	56.1	0.3	0.6%	100.0%	54.3	54.3	0.0	0.0%
100.0%	34.0	34.3	0.1	0.270	100.0%	55.0	55.0	0.0	0.076	100.0%	33.3	30.1	0.2	U.470	100.0%	34.3	34.3	0.0	0.076

Table SQ-08-9a Sacramento River below Hamilton City, Monthly Temperature Long-term Average and Average by Water Year Type

•		,	,		Mon	thly Temp	erature (DI	EG-F)		,		
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	56.4	50.9	45.5	44.4	46.8	50.8	55.2	59.5	60.6	61.7	62.4	61.4
Alternative D	56.1	50.7	45.7	44.6	46.8	50.9	55.6	59.6	60.8	61.8	62.2	61.1
Difference	-0.3	-0.2	0.2	0.2	0.0	0.1	0.4	0.1	0.2	0.1	-0.2	-0.3
Percent Difference ³	-0.6%	-0.4%	0.3%	0.4%	0.1%	0.2%	0.7%	0.2%	0.3%	0.2%	-0.3%	-0.59
				Water Y	ear Types	2						
Wet (32%)												
No Action Alternative	55.8	51.2	45.6	44.7	46.4	49.6	53.8	59.0	60.6	62.0	61.9	59.0
Alternative D	55.6	51.1	45.9	44.8	46.4	49.7	53.9	58.9	60.4	62.2	62.1	59.0
Difference	-0.2	-0.2	0.3	0.1	0.0	0.1	0.2	-0.1	-0.1	0.2	0.2	0.0
Percent Difference	-0.3%	-0.3%	0.6%	0.2%	0.1%	0.1%	0.3%	-0.1%	-0.2%	0.3%	0.3%	0.0%
Above Normal (15%)												
No Action Alternative	55.7	50.5	45.9	44.8	46.8	50.8	55.4	60.2	60.3	60.8	62.0	60.7
Alternative D	55.5	50.5	46.2	44.9	46.8	50.9	55.8	60.1	60.6	60.9	62.3	60.7
Difference	-0.2	-0.1	0.3	0.1	0.0	0.1	0.3	-0.2	0.3	0.1	0.2	0.0
Percent Difference	-0.4%	-0.2%	0.6%	0.3%	0.1%	0.2%	0.6%	-0.3%	0.5%	0.1%	0.4%	-0.19
Below Normal (17%)												
No Action Alternative	55.5	50.5	45.8	44.2	46.3	50.8	55.9	59.7	60.2	61.2	61.7	61.9
Alternative D	55.2	50.3	45.8	44.3	46.3	50.9	56.5	60.0	60.5	61.2	61.8	61.6
Difference	-0.3	-0.1	0.1	0.1	0.0	0.1	0.6	0.3	0.2	0.0	0.1	-0.3
Percent Difference	-0.6%	-0.3%	0.1%	0.3%	0.1%	0.2%	1.0%	0.5%	0.4%	0.1%	0.2%	-0.59
Dry (22%)												
No Action Alternative	56.7	51.0	45.5	44.1	46.9	51.6	56.2	59.3	60.7	61.2	62.1	62.7
Alternative D	56.3	50.7	45.5	44.4	46.9	51.7	56.7	59.5	61.3	61.5	62.0	62.3
Difference	-0.4	-0.3	0.0	0.3	0.0	0.1	0.5	0.2	0.6	0.3	-0.2	-0.4
Percent Difference	-0.7%	-0.6%	0.0%	0.6%	0.0%	0.2%	0.8%	0.4%	1.0%	0.6%	-0.2%	-0.69
Critical (15%)		•	•		•		•			•		
No Action Alternative	59.0	50.6	44.8	44.3	47.8	52.2	55.8	59.8	61.4	63.7	65.1	64.8
Alternative D	58.5	50.3	44.9	44.5	47.9	52.3	56.6	60.5	61.5	63.4	63.4	63.9
Difference	-0.6	-0.3	0.1	0.2	0.1	0.1	0.8	0.7	0.1	-0.3	-1.6	-0.9
Percent Difference	-1.0%	-0.5%	0.2%	0.4%	0.2%	0.2%	1.4%	1.1%	0.2%	-0.4%	-2.5%	-1.49



Figure SQ-08-9b Sacramento River below Hamilton City, Monthly Temperature Probability of Exceedance

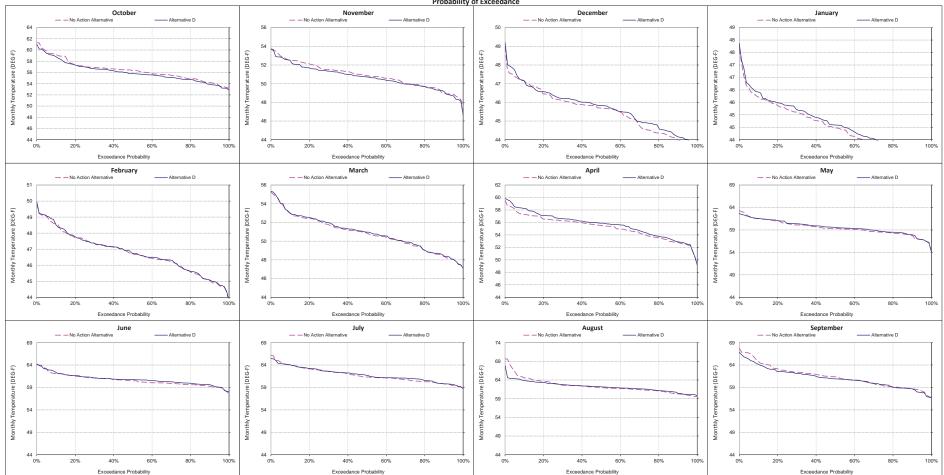


Table SQ-08-9b Sacramento River below Hamilton City, Monthly Temperature Probability of Exceedance

January

Novembe

October

Percent Percent Percent Percent No Action Alternative Alternative D Absolute Relative Exceedance Relative Relative Relative Exceedance Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) 0.0% 61.3 61.0 -0.3 -0.4% 0.0% 53.7 53.7 0.1% 0.0% 49.0 49.2 47.9 0.5% 1.2% 61.3 60.2 -1.1 -1.8% 1.2% 53.5 53.7 0.1 0.3% 1.2% 47.7 48.0 0.3 0.7% 1.2% 47.1 47.2 0.1 0.3% 2.5% 60.4 60.2 -0.4% 2.5% 53.5 52.9 -1.1% 2.5% 47.5 47.9 0.8% 2.5% 46.5 46.8 3.7% 3.7% 60.1 59.9 -0.2 -0.4% 3.7% 53.2 52.9 -0.4 -0.7% 3.7% 47.5 47.9 0.3 0.7% 46.2 46.3 0.1 0.3% 4.9% 59.8 59.5 -0.4 -0.6% 4.9% 53.0 52.8 -0.1 -0.2% 4.9% 47.4 47.7 0.8% 4.9% 46.1 46.2 0.1 0.3% 6.2% 6.2% 6.2% 6.2% 59.4 59.2 -0.2 -0.3% 52.8 52.7 -0.1 -0.2% 47.3 47.4 0.1 0.3% 45.9 46.1 0.2 0.4% 7.4% -0.3-0.5% 7.4% 52.6 -0.2-0.3% 7.4% 47.2 0.1% 7.4% 45.9 46.0 0.2 0.3% 8.6% 8.6% 8.6% 8.6% 59.3 59.1 -0.2 -0.4% 52.6 52.6 0.0 0.0% 47.2 47.2 0.0 -0.1% 45.8 45.9 0.4% 9.9% 11.1% 12.3% -0.7% 9.9% 0.0% 11.1% 12.3% 59.0 58.5 -0.4 -0.7% -0.9% 11.1% 52.5 52.1 -0.4 -0.7% 11.1% 47.0 46.9 -0.1 -0.3% 45.6 45.9 0.2 0.5% 13.6% 13.6% 13.6% 13.6% 0.1% 58.9 58 1 -0 R -1 4% 52.4 52 1 -0 4 -0.7% 46.9 46.8 0.0 -0.1% 45.6 45.7 0.1 16.0% 16.0% 16.0% 16.0% 58.1 57.7 -0.5 -0.8% 52.3 51.8 -0.5 -1.0% 46.9 46.6 -0.2 -0.4% 45.5 45.6 0.0 0.1% 18.5% 18.5% 51.7 -0.9% 18.5% 18.5% 0.1 0.2% 57.5 57.5 -0.1 -0.1% 52.2 -0.4 46.7 46.6 -0.1 -0.3% 45.4 45.5 19.8% 21.0% 57.4 57.2 57.3 57.2 0.0 -0.1% 0.0% 51.7 51.6 -0.4 -0.4 19.8% 0.1 19.8% 21.0% 0.1 21.0% 52.0 -0.9% 46.4 46.6 0.2% 45.3 45.5 0.3% 22.2% 23.5% 57.2 57.2 57.1 57.0 -0.2% -0.3% 22.2% 23.5% -0.8% 22.2% 23.5% 22.2% 23.5% 45.4 516 0.1 -0.1 51.6 -0.4 0.1 52.0 -0.8% 46.4 46.5 0.2% 45.3 45.4 0.2% 24.7% 25.9% 57.0 57.0 -0.1% -0.1% 24.7% 25.9% 24.7% 25.9% 24.7% 25.9% 45.4 45.4 0.0 51.4 51.4 -0.3 -0.2 -0.6% 46.2 46.4 0.2 0.4% 45.2 0.2 0.4% -0.4% 46.3 0.3% 45.2 0.4% 56.9 51.6 46.2 27.2% 28.4% 27.2% 28.4% 57.0 56.8 -0.2% 27.2% 51.4 -n 2 -0.3% 27.2% 46.1 46.3 45.2 45.4 0.2 56.9 -0.3 -0.4% 28.4% 51.5 51.4 -0.2% 28.4% 46.1 0.1 0.2% 0.2 0.5% -0.1 46.2 45.1 45.4 29.6% 30.9% -0.4% -0.5% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 56.9 56.9 51.3 51.3 -0.2 -0.2 -0.3% -0.3% 0.2% 45.2 45.2 0.3% 32.1% 56.8 -0.2 -0.4% 32.1% 51.5 51.3 -0.2 -0.4% 32.1% 46.0 46.2 0.4% 32.1% 45.0 45.2 0.1 0.3% 33.3% -0.2 -0.4% 33.3% 51.3 -0.2 -0.3% 33.3% 46.0 0.2 0.4% 33.3% 45.2 0.1 0.3% 34.6% 56.8 -0.2 -0.4% 34.6% 51.4 51.2 -0.2 -0.3% 34.6% 46.0 46.2 0.2 0.4% 34.6% 44.9 45.1 0.2 0.4% 35.8% -0.3% 35.8% 51.2 35.8% 0.2 35.8% 0.1 56.7 -0.4% 0.4% 0.3% 37.0% 56.7 56.5 -0.2-0.4% 37.0% 51.4 51.1 -0.2-0.5% 37.0% 45.9 46.1 0.2 0.5% 37.0% 44.9 45.0 0.1 0.2% 38.3% 56.6 -0.5% 38.3% 51.0 38.3% 38.3% 44.9 0.3% 44.8 0.3% 39.5% 56.6 56.3 -0.3 -0.6% 39.5% 51.3 51.0 -0.3 -0.6% 39.5% 45.9 46.0 0.3% 39.5% 44.8 44.9 0.1 0.3% 40.7% 56.6 -0.7% 40.7% 51.3 51.0 -0.3 -0.5% 40.7% 45.9 46.0 0.1 0.3% 40.7% 44.8 44.9 0.1 0.3% 42.0% 56.6 56.1 -0.5-0.8% 42.0% 51.2 51.0 -0.2-0.4% 42.0% 45.8 46.0 0.3% 42.0% 44.8 44.9 0.1 0.2% 0.1% 43.2% 56.5 56.1 -0.4 -0.7% 43.2% 51.1 50.8 -0.2 -0.5% 43.2% 45.8 46.0 0.1 0.3% 43.2% 44.7 44.8 0.1 44.4% 56.5 -0.4 -0.7% 44.4% 51.0 50.8 -0.2 -0.4% 44.4% 45.8 46.0 0.3% 44.4% 44.6 44.8 0.2 0.4% 45.7% 45.7% 45.7% 56.5 56.0 -0.5 -0.8% 51.0 50.8 -0.2 -0.4% 45.8 45.9 0.1 0.2% 45.7% 44.6 44.8 0.2 0.4% 46.9% 56.5 55.9 -0.9% 46.9% 51.0 50.8 -0.2-0.4% 46.9% 45.8 45.9 0.1% 46.9% 44.5 44.6 0.1 0.2% 48.1% 49.4% 56.5 55.8 -0.7 -1.2% 48.1% 50.9 50.8 -0.1 -0.3% 48.1% 45.7 45.8 0.1 0.3% 48.1% 44.5 44.6 0.1 0.2% -0.6-1.1% 49.4% 50.7 -0.3% 49.4% 45.7 45.8 0.3% 49.4% 44.5 44.6 0.1 0.3% 50.6% 50.6% 50.6% 50.6% 56.4 55.8 -0.6 -1.0% 50.8 50.7 -0.1 -0.2% 45.7 45.8 0.1 0.3% 44.5 44.6 0.1 0.3% 51.9% 56.3 56.2 -0.6 -1.1% 51.9% 50.8 50.6 -0.1-0.3% 45.8 0.3% 51.9% 53.1% 44.6 0.1 0.3% 0.1 53.1% 53.1% 53.1% 50.6 0.3% 55.7 -0.5 -0.9% 50.8 -0 2 -0.3% 45.7 45.8 44 4 446 0.4% 55.6% 56.8% 55.6% 55.6% 55.6% 0.2% 56.0 55.6 -0.4 -0.8% 50.8 50.5 -0.3 -0.5% 45.6 45.7 0.0 0.1% 44.4 44.5 0.1 58.0% 58.0% 58.0% 56.0 55.6 -0.4 -0.7% 50.6 50.4 -0.2 -0.4% 45.6 45.6 0.0 -0.1% 58.0% 44.2 44.4 0.2 0.5% 60.5% 60.5% 60.5% 55.7 55.5 -0.2 -0.3% 50.6 50.3 -0.2 -0.5% 45.5 45.5 0.0 0.1% 60.5% 44.1 44.3 0.2 0.4% 61.7% -0.4% 61.7% 50.3 63.0% 63.0% 55.7 63.0% 63.0% 55.4 -0.3 -0.5% 50.5 50.3 -0.2 -0.5% 45.3 45.5 0.2 0.4% 44.0 44.2 0.2 0.4% 64.2% 65.4% 55.4 55.3 -0.5% -0.5% 64.2% 65.4% 50.3 50.2 -0.3% -0.4% 64.2% 65.4% 45.2 45.1 0.6% 64.2% 65.4% 44.0 43.9 0.1 55.6 -0.3 -0.2 0.3 44.1 0.4% 50.4 45.4 66.7% 67.9% 66.7% 67.9% 66.7% 67.9% 45.2 45.1 66.7% 67.9% 55.6 55.2 55.1 -0.5 -0.8% 50.1 50.1 -0.3 -0.2 -0.6% 45.1 0.3% 43.9 44 1 0.2 50.4 55.6 -0.5 0.0 44.1 -0.8% 50.2 -0.3% 45.1 -0.1% 43.8 0.5% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 55.1 55.1 -0.8% 44 Q 43.8 44.1 0.3 55.4 -0.3 -0.6% 50.0 50.0 0.0 -0.1% 44.7 45.0 0.3 0.6% 43.7 44.0 0.7% 71.6% 55.4 55.1 -0.4 -0.6% -0.8% 71.6% 49 9 -0.1% 71.6% 44 6 44 9 0.3 71.6% 44 0 0.3 72.8% 55.4 -0.4 72.8% 50.0 49.9 0.0 -0.1% 72.8% 44.6 44.9 0.3 0.7% 72.8% 43.7 43.9 0.2 0.5% -0.7% -0.7% -0.1% -0.2% 74.1% 75.3% 74.1% 75.3% 74.1% 49.9 74.1% 44.5 0.8% 43.9 0.2 75.3% 75.3% 43.9 0.5% 76.5% -0.3 -0.6% 76.5% 49.9 49.8 -0.2% 76.5% 44.4 44.9 0.4 0.9% 76.5% 43.5 43.8 0.3 0.6% 77.8% -0.3% 77.8% -0.1% 77.8% 1.0% 77.8% 0.3 0.7% 49.7 43.8 79.0% 54.9 -0.1 -0.2% 79.0% 49.7 49.7 0.0 -0.1% 79.0% 44.4 44.8 0.4 1.0% 79.0% 43.5 43.7 0.3 0.6% 80.2% -0.2% 80.2% 49.7 80.2% 44.4 0.2 0.5% 80.2% 43.7 54.9 49.7 0.0% 44.6 43.5 0.5% 81.5% 54.9 54.7 -0.4% 81.5% 49.7 49.5 -0.2% 81.5% 44.4 44.5 0.4% 81.5% 43.4 43.7 0.2 0.5% 82.7% 82.7% 54.9 54.5 -0.7% 82.7% 49.5 -0.1% 44.3 44.5 0.2 0.5% 82.7% 43.4 43.5 0.1 0.3% 84.0% 54.7 -0.2 -0.5% 84.0% 49.6 49.5 -0.2% 84.0% 44.3 44.5 0.2 0.5% 84.0% 43.3 43.5 0.2 0.5% 85.2% 54.6 54.3 -0.3 -0.5% 85.2% 49.6 49.4 -0.2 -0.4% 85.2% 44.2 44.4 0.2 0.5% 85.2% 43.2 43.3 0.1 0.2% 86.4% 54.3 -0.3% 86.4% 49.5 49.3 -0.4% 86.4% 44.1 44.4 0.6% 86.4% 43.2 43.3 0.2 0.4% 87.7% 54.3 54.2 -0.1 -0.2% 87.7% 49.4 493 -0.1 -0.1% 87.7% 44 1 443 0.2 0.4% 87.7% 43.1 433 0.1 0.3% 88.9% 54.2 53.9 -0.3 -0.5% 88.9% 49.0 49.3 0.2 0.5% 88.9% 44.1 44.2 0.1 0.3% 88.9% 43.1 43.3 0.1 0.3% 90.1% 54.2 53.9 -0.3 -0.5% 90.1% 49.0 49.1 0.2 0.3% 90.1% 44.0 44.2 0.2 0.4% 90.1% 43.1 43.2 0.1 0.3% 91.4% 53.8 53.8 91.4% 48.9 -0.1% 91.4% 43.9 91.4% 42.9 43.1 0.2 91.4% 92.6% 92.6% 54.0 -0.2 -0.4% 48 9 48.8 -0.1 -0.2% 43.8 44 1 0.4 0.8% 92.6% 42 9 43.0 0.2% 93.8% 48.7 -0.3% 93.8% 54.0 53.7 -0.3-0.5% 93.8% 48.9 -0.193.8% 43.7 44.0 0.3 0.7% 42.8 42.8 0.1 0.2% 95.1% 95.1% 95.1% 95.1% 53.5 53.6 0.1 0.3% 48.9 48.7 -0.2 -0.4% 43.7 44.0 0.3 0.7% 42.7 42.7 0.0 0.1% 96.3% 53.2 -0.5% 96.3% 48.3 -0.3-0.7% 96.3% 97.5% 43.5 43.8 0.3 0.6% 96.3% 97.5% 42.5 42.7 0.2 0.6% 97.5% 53.2 97.5% -0.2 0.2 0.2% 53.4 -0 2 -0.5% 48 5 483 -0.4% 43.5 437 0.5% 42 4 425 -0.2% 0.4% 0.4% 98.8% 42.2 0.0% 100.0% 100.0% 100.0% 100.0% 53.2 52.9 0.0 -0.6% 47.5 46.7 -0.8 -1.7% 41.7 41.9 0.5% 41.6 42.2 0.6 1.5%

Table SQ-08-9b
Sacramento River below Hamilton City, Monthly Temperature
Probability of Exceedance

		February					March					April					May		
Percent	No Action Alternative	Alternative D	Absolute	Relative	Percent	No Action Alternative	Alternative D	Absolute	Relative	Percent	No Action Alternative	Alternative D	Absolute	Relative	Percent	No Action Alternative	Alternative D	Absolute	Relative
Exceedance			Difference		Exceedance			Difference		Exceedance			 Difference 		Exceedance			Difference	
Probability	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DFG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DFG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)
0.0%	49.8	50.0	0.1	0.3%	0.0%	55.3	55.3	0.1	0.1%	0.0%	59.5	(DEG-F) 59.9	0.3	0.5%	0.0%	63.3	62.7	-0.6	-1.0%
1.2%	49.2	49.2	0.0	0.0%	1.2%	55.0	55.2	0.1	0.4%	1.2%	58.7	59.6	1.0	1.6%	1.2%	63.1	62.4	-0.6	-1.0%
2.5%	49.1	49.2	0.0	0.0%	2.5%	54.8	54.9	0.1	0.2%	2.5%	58.6	59.5	0.8	1.4%	2.5%	62.9	62.3	-0.6	-0.9%
3.7%	49.1	49.2	0.0	0.1%	3.7%	54.6	54.5	0.0	-0.1%	3.7%	58.4	59.1	0.6	1.1%	3.7%	62.4	62.1	-0.3	-0.4%
4.9%	49.1	49.1	-0.1	-0.1%	4.9%	54.1	54.0	0.0	0.0%	4.9%	58.2	58.5	0.3	0.6%	4.9%	62.0	62.1	0.1	0.2%
6.2%	48.9	49.0	0.2	0.3%	6.2%	53.9	54.0	0.1	0.3%	6.2%	57.7	58.4	0.8	1.3%	6.2%	61.8	61.8	0.1	0.1%
7.4%	48.7	48.9	0.2	0.4%	7.4%	53.5	53.4	-0.1	-0.1%	7.4%	57.5	58.3	0.9	1.5%	7.4%	61.6	61.7	0.1	0.1%
8.6%	48.6	48.9	0.2	0.5%	8.6%	53.2	53.3	0.1	0.1%	8.6%	57.3	58.3	1.0	1.8%	8.6%	61.6	61.6	0.0	0.1%
9.9%	48.6	48.5	-0.1	-0.1%	9.9%	53.0	53.0	0.0	0.0%	9.9%	57.3	58.2	0.9	1.7%	9.9%	61.5	61.6	0.0	0.1%
11.1%	48.5	48.4	-0.2	-0.3%	11.1%	52.8	52.9	0.1	0.1%	11.1%	57.3	58.2	0.9	1.7%	11.1%	61.4	61.5	0.1	0.1%
12.3%	48.2	48.3	0.1	0.2%	12.3%	52.7	52.8	0.2	0.3%	12.3%	57.1	57.9	0.7	1.3%	12.3%	61.4	61.4	0.0	0.0%
13.6%	48.1	48.3	0.2	0.4%	13.6%	52.7	52.7	0.1	0.1%	13.6%	57.1	57.8	0.8	1.3%	13.6%	61.4	61.4	-0.1	-0.1%
14.8%	48.1	48.2	0.1	0.2%	14.8%	52.6	52.7	0.1	0.3%	14.8%	57.1	57.8	0.7	1.2%	14.8%	61.3	61.4	0.0	0.1%
16.0%	47.9	48.0	0.1	0.2%	16.0%	52.5	52.7	0.2	0.4%	16.0%	57.0	57.5	0.5	0.9%	16.0%	61.3	61.3	0.0	0.1%
17.3%	47.9	47.9	0.0	0.1%	17.3%	52.5	52.6	0.1	0.2%	17.3%	57.0	57.4	0.4	0.6%	17.3%	61.1	61.2	0.1	0.1%
18.5%	47.8	47.9	0.1	0.1%	18.5%	52.4	52.6	0.1	0.2%	18.5%	56.9	57.2	0.3	0.5%	18.5%	61.0	61.2	0.2	0.3%
19.8%	47.7	47.8	0.1	0.1%	19.8%	52.4	52.6	0.1	0.3%	19.8%	56.5	57.1	0.6	1.0%	19.8%	61.0	61.1	0.1	0.2%
21.0%	47.7	47.7	0.0	0.0%	21.0%	52.4	52.5	0.1	0.1%	21.0%	56.5	57.1	0.6	1.1%	21.0%	61.0	61.0	0.1	0.1%
22.2%	47.7	47.7	0.0	0.0%	22.2%	52.4	52.4	0.0	0.1%	22.2%	56.5	57.1	0.6	1.0%	22.2%	60.6	61.0	0.4	0.7%
23.5%	47.7	47.6	-0.1	-0.2%	23.5%	52.3	52.4	0.0	0.0%	23.5%	56.5	57.1	0.6	1.1%	23.5%	60.5	61.0	0.5	0.8%
24.7%	47.6	47.5	-0.1	-0.1%	24.7%	52.1	52.2	0.1	0.1%	24.7%	56.4	57.1	0.7	1.2%	24.7%	60.5	60.5	0.0	0.1%
25.9%	47.5	47.5	-0.1	-0.1%	25.9%	52.1	52.2	0.0	0.1%	25.9%	56.4	56.8	0.4	0.6%	25.9%	60.3	60.5	0.2	0.3%
27.2%	47.4	47.5	0.0	0.1%	27.2%	51.9	52.1	0.3	0.5%	27.2%	56.4	56.7	0.3	0.6%	27.2%	60.2	60.5	0.2	0.4%
28.4%	47.4	47.4	0.0	-0.1%	28.4%	51.8	52.0	0.2	0.4%	28.4%	56.3	56.6	0.3	0.5%	28.4%	60.1	60.4	0.3	0.5%
29.6%	47.4 47.3	47.4 47.3	0.0	0.0%	29.6%	51.8 51.7	52.0 51.9	0.2	0.4%	29.6%	56.3	56.6 56.6	0.3	0.6%	29.6%	60.1 60.1	60.4 60.4	0.2	0.4%
30.9% 32.1%	47.3 47.3	47.3 47.3	0.0	0.1%	30.9% 32.1%	51.7 51.6	51.9 51.8	0.2	0.5%	30.9%	56.2 56.2	56.6 56.6	0.3	0.6%	30.9% 32.1%	60.1 60.1	60.4	0.3	0.4%
									0.3%	32.1%									0.3%
33.3% 34.6%	47.2 47.2	47.3 47.3	0.0	0.1%	33.3% 34.6%	51.4 51.4	51.6 51.6	0.1 0.1	0.3%	33.3% 34.6%	56.2 56.2	56.5 56.5	0.3	0.6%	33.3% 34.6%	60.1 60.1	60.3 60.2	0.2	0.3%
35.8%	47.2	47.2	-0.1	-0.1%	35.8%	51.4	51.4	0.0	0.0%	35.8%	56.1	56.4	0.3	0.5%	35.8%	59.9	60.1	0.1	0.2%
37.0%	47.2	47.2	0.0	-0.1%	35.6%	51.4	51.4	0.0	0.0%	37.0%	56.1	56.4 56.4	0.3	0.5%	37.0%	59.9 59.8	60.0	0.2	0.3%
38.3%	47.2	47.2	0.0	0.0%	38.3%	51.2	51.4	0.1	0.3%	38.3%	56.0	56.2	0.3	0.4%	38.3%	59.7	60.0	0.2	0.4%
39.5%	47.2	47.1	0.0	0.0%	39.5%	51.2	51.3	0.1	0.2%	39.5%	56.0	56.2	0.2	0.5%	39.5%	59.7	59.9	0.2	0.4%
40.7%	47.1	47.1	0.0	0.0%	40.7%	51.1	51.3	0.1	0.3%	40.7%	55.9	56.2	0.3	0.5%	40.7%	59.7	59.9	0.2	0.4%
42.0%	47.1	47.1	0.0	0.0%	42.0%	51.1	51.3	0.1	0.3%	42.0%	55.8	56.1	0.2	0.4%	42.0%	59.5	59.9	0.3	0.5%
43.2%	47.0	47.0	0.0	0.1%	43.2%	51.1	51.3	0.1	0.3%	43.2%	55.8	56.1	0.3	0.5%	43.2%	59.5	59.8	0.3	0.6%
44.4%	47.0	47.0	0.0	0.1%	44.4%	51.1	51.2	0.1	0.1%	44.4%	55.7	56.0	0.3	0.5%	44.4%	59.4	59.7	0.3	0.6%
45.7%	46.9	46.9	0.0	-0.1%	45.7%	51.0	51.1	0.1	0.1%	45.7%	55.7	56.0	0.3	0.5%	45.7%	59.4	59.7	0.3	0.5%
46.9%	46.9	46.9	0.0	0.1%	46.9%	51.0	51.1	0.1	0.1%	46.9%	55.7	56.0	0.3	0.5%	46.9%	59.4	59.6	0.3	0.5%
48.1%	46.8	46.9	0.2	0.3%	48.1%	50.9	51.0	0.1	0.3%	48.1%	55.6	55.9	0.4	0.6%	48.1%	59.3	59.6	0.3	0.5%
49.4%	46.7	46.8	0.0	0.1%	49.4%	50.9	51.0	0.1	0.1%	49.4%	55.6	55.9	0.3	0.6%	49.4%	59.3	59.6	0.3	0.4%
50.6%	46.7	46.7	0.1	0.1%	50.6%	50.8	51.0	0.2	0.3%	50.6%	55.5	55.9	0.4	0.7%	50.6%	59.3	59.5	0.2	0.3%
51.9%	46.7	46.7	0.1	0.2%	51.9%	50.6	50.9	0.3	0.5%	51.9%	55.4	55.9	0.4	0.8%	51.9%	59.3	59.5	0.2	0.4%
53.1%	46.7	46.6	0.0	0.0%	53.1%	50.6	50.8	0.2	0.3%	53.1%	55.4	55.8	0.4	0.7%	53.1%	59.2	59.5	0.2	0.4%
54.3%	46.6	46.6	0.0	0.0%	54.3%	50.6	50.8	0.2	0.4%	54.3%	55.4	55.7	0.4	0.6%	54.3%	59.2	59.4	0.3	0.4%
55.6%	46.6	46.6	0.0	0.0%	55.6%	50.5	50.8	0.2	0.4%	55.6%	55.4	55.7	0.3	0.5%	55.6%	59.2	59.4	0.2	0.4%
56.8%	46.5	46.5	0.0	0.1%	56.8%	50.5	50.6	0.1	0.1%	56.8%	55.3	55.7	0.3	0.6%	56.8%	59.2	59.4	0.2	0.4%
58.0%	46.5	46.5	0.0	0.1%	58.0%	50.5	50.6	0.1	0.2%	58.0%	55.0	55.6	0.7	1.2%	58.0%	59.2	59.4	0.2	0.3%
59.3%	46.4	46.5	0.0	0.1%	59.3%	50.5	50.6	0.1	0.2%	59.3%	55.0	55.6	0.7	1.2%	59.3%	59.1	59.3	0.2	0.4%
60.5%	46.4	46.5	0.1	0.2%	60.5%	50.3	50.5	0.2	0.5%	60.5%	54.9	55.6	0.7	1.2%	60.5%	59.1	59.3	0.2	0.3%
61.7%	46.4	46.5	0.1	0.2%	61.7%	50.3	50.3	0.0	0.0%	61.7%	54.9	55.6	0.7	1.2%	61.7%	59.1	59.3	0.2	0.3%
63.0%	46.4	46.5	0.1	0.2%	63.0%	50.2	50.3	0.1	0.2%	63.0%	54.8	55.3	0.6	1.0%	63.0%	59.0	59.2	0.2	0.4%
64.2%	46.3	46.4	0.0	0.1%	64.2%	50.2	50.2	0.1	0.1%	64.2%	54.7	55.3	0.6	1.1%	64.2%	59.0	59.2	0.2	0.4%
65.4%	46.3	46.4	0.0	0.1%	65.4%	50.1	50.1	0.0	0.0%	65.4%	54.6	55.0	0.4	0.7%	65.4%	58.9	59.2	0.3	0.5%
66.7%	46.3	46.4	0.0	0.1%	66.7%	50.1	50.1	0.0	0.0%	66.7%	54.6	54.9	0.4	0.7%	66.7%	58.9	59.2	0.3	0.5%
67.9%	46.3 46.2	46.3 46.3	0.0	0.1%	67.9%	50.0	50.1 49.9	0.0	0.1%	67.9%	54.5 54.5	54.9	0.3	0.6%	67.9%	58.7 58.7	59.0 59.0	0.3	0.6%
69.1%	46.2 46.2	46.3 46.3	0.1	0.2%	69.1%	49.8 49.8	49.9 49.9	0.2	0.3%	69.1%		54.8 54.6	0.3 0.4	0.5%	69.1%	58.7 58.6		0.3	0.5%
70.4% 71.6%	46.2 46.1	46.3 46.2	0.1	0.2%	70.4% 71.6%	49.8 49.7	49.9 49.9	0.1	0.2%	70.4% 71.6%	54.2 54.2	54.b 54.5	0.4	0.8%	70.4% 71.6%	58.6 58.6	59.0 58.9	0.3	0.5% 0.5%
71.6%	46.1 46.1	46.2 46.1	0.0	-0.1%	71.6%	49.7	49.9 49.9	0.2	0.3%	71.6%	54.2 54.1	54.5 54.4	0.3	0.5%	71.6%	58.5 58.5	58.9 58.7	0.3	0.5%
72.8% 74.1%	46.1 45.9	46.1 45.9	0.0	-0.1%	72.8%	49.7	49.9 49.7	0.2	0.4%	72.8%	54.1 53.8	54.4 54.3	0.3	0.5%	72.8%	58.5 58.5	58.7 58.7	0.2	0.3%
74.1% 75.3%	45.9 45.8	45.9 45.9	0.0	0.0%	74.1% 75.3%	49.5 49.5	49.7	0.2	0.4%	74.1% 75.3%	53.8	54.3 54.1	0.4	0.8%	74.1% 75.3%	58.5 58.5	58.6	0.2	0.3%
76.5%	45.6 45.7	45.8	0.0	0.1%	76.5%	49.5 49.4	49.5	0.1	0.2%	76.5%	53.7	54.0	0.3	0.5%	76.5%	58.5	58.5	0.2	0.1%
77.8%	45.7	45.7	0.0	0.1%	77.8%	49.4	49.5	0.1	0.1%	77.8%	53.6	53.9	0.3	0.5%	77.8%	58.4	58.5	0.1	0.1%
79.0%	45.7	45.7	0.0	0.0%	79.0%	49.1	49.1	0.0	0.0%	79.0%	53.6	53.8	0.2	0.4%	79.0%	58.3	58.5	0.2	0.3%
80.2%	45.6	45.6	0.0	0.1%	80.2%	49.0	49.0	0.0	0.1%	80.2%	53.5	53.8	0.2	0.5%	80.2%	58.3	58.5	0.2	0.4%
81.5%	45.5	45.6	0.1	0.1%	81.5%	48.8	48.9	0.0	0.1%	81.5%	53.4	53.7	0.3	0.4%	81.5%	58.2	58.5	0.2	0.5%
82.7%	45.5	45.5	0.1	0.2%	82.7%	48.8	48.8	0.0	-0.1%	82.7%	53.3	53.7	0.2	0.6%	82.7%	58.2	58.4	0.2	0.4%
84.0%	45.4	45.5	0.1	0.1%	84.0%	48.7	48.8	0.0	0.0%	84.0%	53.3	53.6	0.3	0.6%	84.0%	58.2	58.4	0.2	0.4%
85.2%	45.3	45.3	0.0	0.1%	85.2%	48.6	48.7	0.1	0.1%	85.2%	53.0	53.4	0.5	0.9%	85.2%	58.1	58.3	0.2	0.4%
86.4%	45.2	45.2	0.0	0.0%	86.4%	48.6	48.7	0.1	0.2%	86.4%	52.9	53.3	0.3	0.6%	86.4%	58.0	58.2	0.2	0.4%
87.7%	45.2	45.1	0.0	-0.1%	87.7%	48.6	48.7	0.1	0.2%	87.7%	52.9	53.1	0.2	0.4%	87.7%	58.0	58.0	0.0	0.1%
88.9%	45.1	45.1	0.1	0.1%	88.9%	48.5	48.6	0.1	0.3%	88.9%	52.8	53.0	0.1	0.2%	88.9%	57.9	58.0	0.1	0.2%
90.1%	45.0	45.1	0.0	0.1%	90.1%	48.4	48.4	0.0	0.1%	90.1%	52.8	52.9	0.1	0.2%	90.1%	57.7	57.9	0.2	0.3%
91.4%	44.9	45.0	0.1	0.2%	91.4%	48.2	48.4	0.1	0.3%	91.4%	52.7	52.8	0.2	0.3%	91.4%	57.1	57.8	0.7	1.2%
92.6%	44.9	45.0	0.1	0.2%	92.6%	48.2	48.3	0.2	0.4%	92.6%	52.5	52.8	0.2	0.5%	92.6%	57.1	57.0	-0.1	-0.1%
93.8%	44.9	44.9	0.0	0.1%	93.8%	48.1	48.1	0.0	0.0%	93.8%	52.5	52.6	0.1	0.2%	93.8%	56.9	56.9	0.0	0.0%
95.1%	44.7	44.8	0.1	0.1%	95.1%	48.0	48.0	0.0	0.0%	95.1%	52.4	52.5	0.1	0.2%	95.1%	56.9	56.9	0.0	0.0%
96.3%	44.7	44.7	0.0	0.1%	96.3%	47.8	47.8	0.0	0.0%	96.3%	52.3	52.5	0.2	0.3%	96.3%	56.7	56.7	0.0	0.1%
97.5%	44.6	44.7	0.0	0.0%	97.5%	47.5	47.6	0.1	0.1%	97.5%	51.5	51.4	0.0	-0.1%	97.5%	56.4	56.4	0.0	-0.1%
98.8%	44.3	44.4	0.0	0.1%	98.8%	47.5	47.5	0.0	0.0%	98.8%	50.5	50.5	0.0	-0.1%	98.8%	56.2	56.1	-0.1	-0.2%
100.0%	43.7	43.7	0.0	0.0%	100.0%	47.1	47.1	0.0	0.0%	100.0%	49.2	49.2	0.0	0.0%	100.0%	54.2	54.2	0.0	0.0%

Table SQ-08-9b
Sacramento River below Hamilton City, Monthly Temperature
Probability of Exceedance

August

September

Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (70)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Direction (10)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (10)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (10)
0.0%	64.0	64.2	0.2	0.3%	0.0%	66.2	65.4	-0.8	-1.2%	0.0%	69.7	67.9	-1.8	-2.6%	0.0%	67.8	66.9	-0.9	-1.3%
1.2%	64.0	63.9	-0.1	-0.2%	1.2%	66.0	65.4	-0.6	-1.0%	1.2%	69.6	64.6	-5.0	-7.2%	1.2%	66.9	66.3	-0.5	-0.8%
2.5%	63.9	63.7	-0.2	-0.3%	2.5%	65.0	65.1	0.0	0.1%	2.5%	68.1	64.5	-3.7	-5.4%	2.5%	66.8	65.8	-1.0	-1.5%
3.7%	63.4	63.2	-0.2	-0.4%	3.7%	65.0	64.4	-0.6	-1.0%	3.7%	67.2	64.4	-2.7	-4.1%	3.7%	66.8	65.6	-1.3	-1.9%
4.9%	63.2	63.1	-0.2	-0.1%	4.9%	64.7	64.3	-0.3	-0.5%	4.9%	66.3	64.4	-1.8	-2.8%	4.9%	66.7	65.3	-1.3	-2.0%
6.2%	62.5	62.9	0.4	0.6%	6.2%	64.5	64.3	-0.2	-0.3%	6.2%	65.3	64.3	-1.1	-1.6%	6.2%	66.5	65.0	-1.5	-2.3%
						64.2	64.2				65.0	64.3		-1.1%		65.9	64.8	-1.1	
7.4%	62.3	62.9	0.6	1.0%	7.4%			0.0	0.0%	7.4%			-0.7		7.4%			-1.1	-1.6%
8.6%	62.2	62.7	0.5	0.8%	8.6%	64.1	64.1	0.0	0.0%	8.6%	64.9	63.9	-1.0	-1.5%	8.6%	65.3	64.4	-0.9	-1.4%
9.9%	62.1	62.4	0.2	0.4%	9.9%	64.0	64.1	0.1	0.1%	9.9%	64.6	63.8	-0.7	-1.1%	9.9%	64.8	64.2	-0.6	-0.9%
11.1%	62.1	62.1	-0.1	-0.1%	11.1%	63.9	63.9	0.0	-0.1%	11.1%	64.5	63.8	-0.8	-1.2%	11.1%	64.4	63.9	-0.5	-0.8%
12.3%	62.1	62.1	0.0	-0.1%	12.3%	63.8	63.8	0.0	0.0%	12.3%	64.5	63.7	-0.8	-1.2%	12.3%	64.3	63.8	-0.5	-0.8%
13.6%	62.0	62.0	0.0	0.0%	13.6%	63.7	63.6	-0.1	-0.2%	13.6%	64.2	63.6	-0.7	-1.0%	13.6%	64.2	63.5	-0.7	-1.1%
14.8%	62.0	61.8	-0.2	-0.2%	14.8%	63.6	63.5	-0.1	-0.2%	14.8%	64.0	63.5	-0.4	-0.7%	14.8%	64.1	63.2	-0.9	-1.3%
16.0%	61.8	61.8	0.0	0.0%	16.0%	63.4	63.5	0.1	0.1%	16.0%	63.9	63.4	-0.5	-0.7%	16.0%	64.0	63.1	-0.9	-1.5%
17.3%	61.7	61.7	0.0	0.0%	17.3%	63.3	63.4	0.1	0.2%	17.3%	63.8	63.4	-0.4	-0.7%	17.3%	63.3	63.1	-0.3	-0.4%
18.5%	61.7	61.6	0.0	-0.1%	18.5%	63.2	63.3	0.1	0.2%	18.5%	63.7	63.4	-0.3	-0.5%	18.5%	63.2	63.0	-0.2	-0.4%
19.8%	61.6	61.6	0.1	0.1%	19.8%	63.2	63.2	0.1	0.1%	19.8%	63.7	63.3	-0.3	-0.5%	19.8%	63.2	62.5	-0.6	-1.0%
21.0%	61.4	61.6	0.2	0.3%	21.0%	63.1	63.2	0.1	0.2%	21.0%	63.6	63.3	-0.3	-0.5%	21.0%	63.0	62.5	-0.4	-0.7%
22.2%	61.4	61.6	0.2	0.3%	22.2%	63.0	63.2	0.2	0.3%	22.2%	63.6	63.1	-0.5	-0.8%	22.2%	62.8	62.5	-0.3	-0.5%
23.5%	61.4	61.4	0.0	0.0%	23.5%	62.9	63.1	0.2	0.3%	23.5%	63.4	63.1	-0.3	-0.5%	23.5%	62.8	62.5	-0.4	-0.6%
	61.3			0.0%		62.9	62.9									62.6	62.4		
24.7%		61.4	0.0		24.7%			0.0	0.0%	24.7%	63.1	63.0	-0.1	-0.1%	24.7%			-0.2	-0.3%
25.9%	61.2	61.4	0.1	0.2%	25.9%	62.9	62.7	-0.2	-0.3%	25.9%	63.1	63.0	-0.1	-0.2%	25.9%	62.6	62.4	-0.2	-0.3%
27.2%	61.2	61.3	0.1	0.2%	27.2%	62.7	62.7	-0.1	-0.1%	27.2%	63.0	62.9	0.0	-0.1%	27.2%	62.6	62.3	-0.2	-0.3%
28.4%	61.1	61.3	0.1	0.2%	28.4%	62.7	62.7	0.0	-0.1%	28.4%	62.8	62.8	0.1	0.1%	28.4%	62.4	62.3	-0.1	-0.2%
29.6%	61.1	61.1	0.0	0.0%	29.6%	62.6	62.6	0.1	0.1%	29.6%	62.6	62.8	0.2	0.4%	29.6%	62.4	62.1	-0.3	-0.5%
30.9%	61.1	61.1	0.0	0.0%	30.9%	62.5	62.6	0.1	0.2%	30.9%	62.6	62.7	0.1	0.2%	30.9%	62.4	62.1	-0.3	-0.5%
32.1%	61.1	61.0	0.0	-0.1%	32.1%	62.4	62.5	0.1	0.2%	32.1%	62.6	62.7	0.1	0.2%	32.1%	62.3	62.1	-0.3	-0.4%
33.3%	61.0	61.0	0.0	0.0%	33.3%	62.4	62.4	0.0	0.1%	33.3%	62.5	62.7	0.1	0.2%	33.3%	62.3	61.9	-0.4	-0.7%
34.6%	61.0	61.0	0.0	0.0%	34.6%	62.4	62.4	0.0	0.0%	34.6%	62.5	62.6	0.0	0.1%	34.6%	62.2	61.9	-0.3	-0.5%
35.8%	61.0	61.0	0.0	-0.1%	35.8%	62.3	62.3	0.0	0.0%	35.8%	62.5	62.6	0.1	0.1%	35.8%	62.1	61.8	-0.2	-0.4%
37.0%	61.0	61.0	0.0	0.0%	37.0%	62.3	62.3	0.0	0.0%	37.0%	62.5	62.5	0.1	0.1%	37.0%	62.1	61.8	-0.3	-0.5%
38.3%	61.0	61.0	0.0	0.0%	38.3%	62.2	62.3	0.1	0.1%	38.3%	62.5	62.5	0.1	0.1%	38.3%	62.0	61.7	-0.3	-0.5%
39.5%	60.8	60.8	0.0	0.1%	39.5%	62.1	62.2	0.2	0.3%	39.5%	62.4	62.4	0.0	0.0%	39.5%	62.0	61.6	-0.4	-0.7%
40.7%	60.8	60.8	0.1	0.1%	40.7%	61.9	62.2	0.3	0.5%	40.7%	62.4	62.4	0.0	0.0%	40.7%	61.8	61.3	-0.5	-0.8%
42.0%	60.7	60.8	0.1	0.1%	42.0%	61.8	62.1	0.3	0.5%	42.0%	62.4	62.4	0.0	0.0%	42.0%	61.7	61.2	-0.5	
42.0%	60.7	60.8	0.1		42.0%	61.8	62.0	0.3						0.3%				-0.5	-0.8%
43.2%			0.1	0.1%	43.2%				0.4%	43.2%	62.2	62.4	0.2		43.2%	61.6	61.2	-0.5	-0.8%
44.4%	60.7	60.8	0.1	0.2%	44.4%	61.6	62.0	0.4	0.7%	44.4%	62.2	62.3	0.1	0.2%	44.4%	61.5	61.1	-0.4	-0.6%
45.7%	60.6	60.8	0.1	0.2%	45.7%	61.6	61.9	0.3	0.5%	45.7%	62.1	62.3	0.1	0.2%	45.7%	61.5	61.1	-0.4	-0.6%
46.9%	60.6	60.8	0.2	0.3%	46.9%	61.5	61.9	0.4	0.7%	46.9%	62.1	62.2	0.2	0.3%	46.9%	61.5	61.0	-0.5	-0.7%
48.1%	60.6	60.8	0.2	0.3%	48.1%	61.3	61.9	0.5	0.8%	48.1%	61.9	62.2	0.3	0.5%	48.1%	61.4	61.0	-0.4	-0.7%
49.4%	60.5	60.7	0.2	0.4%	49.4%	61.3	61.8	0.4	0.7%	49.4%	61.9	62.2	0.3	0.5%	49.4%	61.4	60.9	-0.5	-0.8%
50.6%	60.5	60.7	0.2	0.4%	50.6%	61.3	61.6	0.3	0.5%	50.6%	61.9	62.1	0.2	0.4%	50.6%	61.4	60.9	-0.5	-0.8%
51.9%	60.5	60.7	0.2	0.4%	51.9%	61.3	61.4	0.2	0.3%	51.9%	61.9	62.1	0.2	0.4%	51.9%	61.2	60.9	-0.3	-0.5%
53.1%	60.2	60.7	0.5	0.8%	53.1%	61.2	61.4	0.1	0.2%	53.1%	61.8	62.1	0.3	0.4%	53.1%	61.0	60.8	-0.1	-0.2%
54.3%	60.2	60.7	0.5	0.8%	54.3%	61.2	61.3	0.1	0.1%	54.3%	61.8	62.0	0.2	0.4%	54.3%	60.9	60.8	-0.1	-0.2%
55.6%	60.2	60.7	0.5	0.8%	55.6%	61.2	61.2	0.0	0.1%	55.6%	61.8	62.0	0.2	0.4%	55.6%	60.8	60.8	-0.1	-0.2%
56.8%	60.2	60.7	0.5	0.8%	56.8%	61.2	61.2	0.1	0.1%	56.8%	61.8	62.0	0.2	0.3%	56.8%	60.7	60.7	0.0	0.1%
58.0%	60.1	60.6	0.5	0.9%	58.0%	61.1	61.2	0.0	0.1%	58.0%	61.8	61.9	0.2	0.3%	58.0%	60.7	60.7	0.1	0.1%
59.3%	60.1	60.6	0.5	0.8%	59.3%	61.1	61.2	0.0	0.1%	59.3%	61.7	61.9	0.2	0.3%	59.3%	60.6	60.6	0.1	0.1%
60.5%	60.0	60.5	0.5	0.8%	60.5%	61.1	61.2	0.1	0.1%	60.5%	61.7	61.9	0.2	0.3%	60.5%	60.6	60.6	0.1	0.1%
61.7%	60.0	60.5	0.5	0.8%	61.7%	61.1	61.2	0.1	0.1%	61.7%	61.7	61.8	0.1	0.2%	61.7%	60.6	60.6	0.1	0.1%
63.0%	60.0	60.4	0.4	0.7%	63.0%	61.1	61.2	0.1	0.1%	63.0%	61.7	61.8	0.1	0.2%	63.0%	60.5	60.5	0.0	0.1%
64.2%	60.0	60.4	0.3	0.6%	64.2%	61.0	61.2	0.1	0.2%	64.2%	61.7	61.8	0.2	0.3%	64.2%	60.4	60.4	0.0	0.0%
65.4%	60.0	60.4	0.3	0.6%	65.4%	61.0	61.1	0.2	0.3%	65.4%	61.6	61.8	0.2	0.3%	65.4%	60.3	60.4	0.1	0.2%
66.7%	60.0	60.3	0.3	0.5%	66.7%	60.9	61.1	0.2	0.4%	66.7%	61.5	61.7	0.3	0.4%	66.7%	60.1	60.3	0.2	0.4%
67.9%	60.0	60.3	0.3	0.6%	67.9%	60.8	61.1	0.3	0.4%	67.9%	61.5	61.7	0.2	0.4%	67.9%	60.0	60.0	0.0	0.0%
69.1%	59.9	60.3	0.3	0.6%	69.1%	60.7	61.1	0.4	0.6%	69.1%	61.5	61.6	0.2	0.3%	69.1%	59.9	60.0	0.0	0.1%
70.4%	59.9	60.2	0.4	0.6%	70.4%	60.7	61.1	0.4	0.6%	70.4%	61.4	61.6	0.2	0.3%	70.4%	59.8	59.9	0.1	0.2%
71.6%	59.9	60.2	0.3	0.5%	71.6%	60.7	61.0	0.3	0.5%	71.6%	61.3	61.6	0.3	0.5%	71.6%	59.6	59.9	0.3	0.4%
72.8%	59.8	60.1	0.3	0.5%	72.8%	60.5	61.0	0.5	0.8%	72.8%	61.3	61.6	0.3	0.5%	72.8%	59.6	59.8	0.2	0.3%
74.1%	59.8	60.1	0.3	0.5%	74.1%	60.5	61.0	0.5	0.8%	74.1%	61.3	61.5	0.2	0.4%	74.1%	59.5	59.7	0.1	0.2%
75.3%	59.7	60.0	0.4	0.6%	75.3%	60.4	60.9	0.5	0.8%	75.3%	61.2	61.5	0.2	0.4%	75.3%	59.3	59.6	0.3	0.5%
76.5%	59.7	60.0	0.3	0.6%	76.5%	60.4	60.9	0.5	0.8%	76.5%	61.2	61.4	0.1	0.2%	76.5%	59.2	59.5	0.3	0.5%
77.8%	59.6	60.0	0.3	0.6%	77.8%	60.4	60.8		0.8%	77.8%		61.3	0.1	0.2%	77.8%	59.2	59.5	0.3	0.5%
77.8%	59.6 59.6	60.0	0.3	0.6%	77.8%	60.4	60.8	0.5 0.3	0.8%	77.8%	61.2 61.1	61.3	0.1	0.2%	77.8%	59.2 59.2	59.5 59.1	0.3	0.5%
																			-0.1%
80.2%	59.6	59.9	0.3	0.6%	80.2%	60.3	60.6	0.3	0.5%	80.2%	61.0	61.2	0.2	0.3%	80.2%	59.1	59.0	-0.1	-0.2%
81.5%	59.6	59.9	0.2	0.4%	81.5%	60.3	60.6	0.3	0.5%	81.5%	61.0	61.1	0.1	0.2%	81.5%	59.1	59.0	-0.1	-0.2%
82.7%	59.6	59.8	0.2	0.3%	82.7%	60.2	60.5	0.2	0.4%	82.7%	60.9	61.1	0.1	0.2%	82.7%	59.1	58.9	-0.2	-0.3%
84.0%	59.5	59.7	0.2	0.3%	84.0%	60.1	60.4	0.3	0.5%	84.0%	60.7	61.0	0.3	0.6%	84.0%	58.9	58.9	0.0	-0.1%
85.2%	59.5	59.7	0.2	0.4%	85.2%	60.1	60.2	0.0	0.0%	85.2%	60.6	61.0	0.4	0.6%	85.2%	58.8	58.9	0.0	0.0%
86.4%	59.4	59.7	0.2	0.4%	86.4%	60.0	60.0	0.0	0.0%	86.4%	60.5	61.0	0.5	0.8%	86.4%	58.8	58.9	0.0	0.1%
87.7%	59.4	59.7	0.3	0.5%	87.7%	59.9	59.9	0.0	0.0%	87.7%	60.4	60.8	0.4	0.7%	87.7%	58.8	58.9	0.1	0.1%
88.9%	59.3	59.6	0.3	0.5%	88.9%	59.9	59.9	0.0	0.0%	88.9%	60.3	60.8	0.5	0.8%	88.9%	58.7	58.8	0.1	0.1%
90.1%	59.3	59.6	0.3	0.5%	90.1%	59.8	59.9	0.1	0.1%	90.1%	60.3	60.4	0.1	0.2%	90.1%	58.7	58.7	0.0	-0.1%
91.4%	59.1	59.4	0.3	0.5%	91.4%	59.8	59.8	0.1	0.1%	91.4%	60.2	60.4	0.2	0.3%	91.4%	58.6	58.5	-0.2	-0.3%
92.6%	59.1	59.2	0.1	0.2%	92.6%	59.7	59.7	0.0	0.0%	92.6%	60.2	60.3	0.1	0.1%	92.6%	58.5	58.0	-0.6	-1.0%
93.8%	59.1	59.1	0.0	0.0%	93.8%	59.5	59.7	0.0	0.3%	93.8%	60.1	60.1	0.0	0.1%	93.8%	58.5	57.9	-0.5	-0.9%
93.8%	59.1 59.1	59.1 59.0	0.0	0.0%	95.1%	59.5 59.4	59.7 59.6	0.2	0.5%	95.1%	59.9	60.1	0.0	0.1%	93.8%	58.5 58.2	57.9 57.8	-0.5	-0.6%
96.3%	58.8	59.0	0.2	0.4%	96.3%	59.3	59.5	0.1	0.2%	96.3%	59.8	60.1	0.3	0.4%	96.3%	58.0	57.8	-0.2	-0.3%
97.5%	58.4	58.5	0.1	0.2%	97.5%	59.2	59.2	0.1	0.1%	97.5%	59.7	60.1	0.4	0.7%	97.5%	57.3	56.9	-0.4	-0.7%
98.8%	58.1	58.1	-0.1	-0.1%	98.8%	59.1	59.2	0.0	0.1%	98.8%	59.6	60.1	0.5	0.8%	98.8%	57.0	56.9	-0.1	-0.2%
100.0%	57.6	58.1	0.5	0.9%	100.0%	58.8	58.7	-0.1	-0.2%	100.0%	59.6	59.8	0.2	0.3%	100.0%	56.8	56.7	-0.1	-0.2%

Table SQ-09-9a
Sacramento River at Delevan, Monthly Temperature
Long-term Average and Average by Water Year Type

		Lulig	term Ave	age and r	Average b							
					Mon	thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lo	ng-term							
Full Simulation Period ¹												
No Action Alternative	57.3	51.0	45.3	44.4	47.0	51.4	56.7	61.9	64.0	65.5	65.7	63.4
Alternative D	57.1	50.8	45.4	44.5	47.0	51.5	57.2	62.1	64.0	65.4	65.6	63.2
Difference	-0.2	-0.2	0.1	0.1	0.0	0.1	0.5	0.2	0.0	0.0	-0.1	-0.2
Percent Difference ³	-0.4%	-0.3%	0.2%	0.2%	0.0%	0.2%	0.8%	0.3%	0.1%	-0.1%	-0.1%	-0.3%
				Water Y	ear Types	2						
Wet (32%)												
No Action Alternative	56.6	51.3	45.4	44.7	46.6	50.2	54.8	61.0	63.8	65.9	65.4	60.9
Alternative D	56.5	51.1	45.6	44.7	46.6	50.2	54.9	61.0	63.6	65.8	65.6	60.9
Difference	-0.2	-0.2	0.2	0.0	0.0	0.1	0.2	0.0	-0.2	0.0	0.3	0.0
Percent Difference	-0.3%	-0.3%	0.4%	0.1%	0.0%	0.2%	0.3%	0.0%	-0.4%	0.0%	0.4%	0.0%
Above Normal (15%)												
No Action Alternative	56.8	50.6	45.7	44.8	46.9	51.3	56.8	62.7	64.0	64.7	65.5	62.8
Alternative D	56.7	50.5	45.8	44.8	46.9	51.4	57.1	62.7	64.1	64.5	65.7	62.9
Difference	-0.1	-0.1	0.1	0.0	0.0	0.1	0.4	0.0	0.1	-0.2	0.2	0.0
Percent Difference	-0.2%	-0.1%	0.3%	0.1%	0.0%	0.2%	0.7%	0.0%	0.1%	-0.2%	0.4%	0.0%
Below Normal (17%)												
No Action Alternative	56.6	50.7	45.5	44.2	46.5	51.5	57.6	62.3	63.7	65.0	65.2	64.1
Alternative D	56.3	50.6	45.5	44.2	46.5	51.6	58.2	62.7	63.8	64.8	65.3	63.8
Difference	-0.3	-0.1	0.0	0.0	0.0	0.2	0.7	0.4	0.1	-0.2	0.1	-0.3
Percent Difference	-0.5%	-0.2%	0.0%	0.0%	0.0%	0.3%	1.1%	0.6%	0.1%	-0.3%	0.1%	-0.5%
Dry (22%)												
No Action Alternative	57.6	51.2	45.3	44.1	47.3	52.2	58.1	62.0	64.2	64.9	65.4	64.7
Alternative D	57.4	50.9	45.3	44.3	47.2	52.3	58.7	62.2	64.6	65.1	65.3	64.5
Difference	-0.2	-0.3	0.0	0.2	-0.1	0.1	0.6	0.2	0.4	0.2	-0.1	-0.3
Percent Difference	-0.3%	-0.5%	-0.1%	0.4%	-0.2%	0.2%	1.0%	0.2%	0.6%	0.3%	-0.1%	-0.4%
Critical (15%)												
No Action Alternative	59.6	50.7	44.7	44.3	48.2	53.1	57.8	62.3	64.3	66.8	67.8	66.2
Alternative D	59.2	50.5	44.7	44.4	48.3	53.2	58.5	63.0	64.4	66.6	66.4	65.6
Difference	-0.3	-0.2	0.0	0.1	0.0	0.1	0.7	0.7	0.1	-0.2	-1.4	-0.7
Percent Difference	-0.6%	-0.4%	0.1%	0.3%	0.1%	0.2%	1.3%	1.1%	0.1%	-0.2%	-2.1%	-1.09

1 Based on the 82-year simulation period

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



Figure SQ-09-9b Sacramento River at Delevan, Monthly Temperature Probability of Exceedance

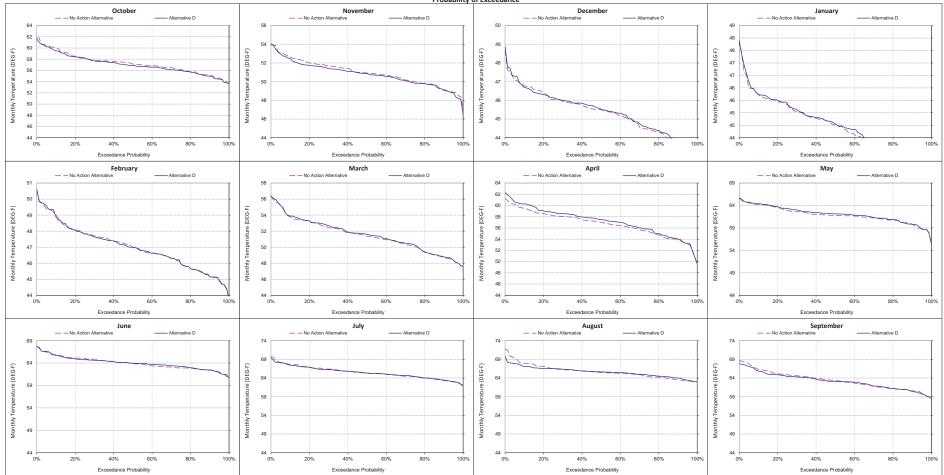


Table SQ-09-9b Sacramento River at Delevan, Monthly Temperature Probability of Exceedance

Decembe

January

Novembe

Octobe

Percent Percent Percent Percent No Action Alternative Alternative D Absolute Relative Relative Relative Relative Exceedance Exceedance Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG-F) (DEG.E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% 0.0% 61.8 61.6 -0.2 -0.3% 0.0% 53.9 0.2% 0.0% 48.7 48.9 0.4% 47.8 -0.2% -0.1% 1.2% 61.8 61.0 -0.7 -1.2% 1.2% 53.9 53.9 0.0 0.0% 1.2% 47.6 47.8 0.2 0.3% 1.2% 47.4 47.4 0.0 2.5% 60.7 60.7 -0.1% 2.5% 53.9 53.5 -0.7% 2.5% 47.5 47.7 0.4% 2.5% 46.7 46.9 0.6% 3.7% 3.7% 60.7 60.5 -0.2 -0.3% 3.7% 53.2 53.1 0.0 0.0% 3.7% 47.3 47.3 0.0 0.1% 46.5 46.6 0.1 0.2% 4.9% 60.5 60.2 -0.2 -0.4% 4.9% 53.1 53.0 -0.2 -0.3% 4.9% 47.1 47.3 0.2 0.5% 4.9% 46.0 46.3 0.3 0.6% 6.2% 6.2% 6.2% 6.2% 60.3 60.2 -0.2 -0.3% 53.0 52.7 -0.3 -0.6% 47.1 47.3 0.2 0.5% 46.0 46.0 0.0 0.1% 7.4% -0.4% 7.4% -0.2-0.3% 7.4% 46.9 -0.1 0.0% 7.4% 46.0 46.0 0.0 0.0% 8.6% 8.6% 8.6% 8.6 · . 9.9% 11.1% 12.3% 8.6% 60.2 59.7 -0.5 -0.8% 52.8 52.5 -0.2 -0.5% 46.9 46.8 -0.2% 45.8 45.8 0.0% 9.9% -1.0% -0.2% 0.0% 11.1% 12.3% 59.9 59.5 -0.4 -0.7% -0.3% 11.1% 52.5 52.2 -0.3 -0.5% 11.1% 46.7 46.7 -0.1 -0.2% 45.6 45.7 0.1 0.2% 13.6% 13.6% 13.6% -0.8% 0.3% 59.3 591 -0 2 -0.4% 52.4 52.0 -0 4 46.7 46.5 -0 2 -0.4% 45.6 45.7 0.1 -0.4% 16.0% 16.0% 16.0% 16.0% 59.1 58.6 -0.5 -0.9% 52.3 51.8 -0.4 -0.9% 46.5 46.4 -0.1 -0.3% 45.6 45.6 0.0 0.0% 18.5% 18.5% 51.8 -0.6% 18.5% 18.5% 0.0% 58.6 58.4 -0.1 -0.2% 52.1 -0.3 46.5 46.3 -0.2 -0.3% 45.5 45.5 0.0 19.8% 21.0% 58.6 58.3 -0.1 0.1 -0.2% 19.8% 51.8 51.8 -0.2 -0.2 19.8% -0.1 -0.1 19.8% 21.0% 0.1 0.2% 58.4 0.1% 52.0 -0.5% 46.4 46.3 -0.2% 45.4 45.5 22.2% 23.5% 0.1 0.2% 22.2% 23.5% -0.5% 22.2% 23.5% 22.2% 23.5% 45.4 0.0 -0.3 -0.2 51.7 58.2 58.3 0.2% 51.9 -0.4% 46.1 0.1 0.2% 45.4 45.4 0.0% 46.2 24.7% 25.9% 0.2% 24.7% 25.9% -0.4% -0.4% 24.7% 25.9% 0.2% 24.7% 25.9% 45.4 45.2 58.1 0.1 51.6 46.0 46.2 45.3 0.1 -0.1 0.2% 58.0 58.1 51.8 51.6 -0.2 46.1 0.1 45.3 -0.1% 46.0 27.2% 28.4% 0.1% 27.2% 28.4% 27.2% 28.4% 58.0 27.2% 51.6 -0.5% 46 N 45.2 45.2 57.9 -0.1 28.4% 51.7 51.6 -0.2 -0.4% 0.0 0.1% 0.1 0.2% 46.0 46.0 45.1 45.2 29.6% 30.9% -0.3% -0.3% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 57.9 57.8 51.4 51.4 -0.3 -0.3 -0.6% 0.1% 45.1 45.1 0.1 0.2% -0.6% 45.9 45.0 32.1% 57.8 -0.2 -0.3% 32.1% 51.6 51.4 -0.3 -0.6% 32.1% 45.9 46.0 0.1% 32.1% 45.0 45.0 0.0 0.0% 33.3% 57.7 -0.1 -0.2% 33.3% 51.3 -0.3 -0.6% 33.3% 45.9 0.1 0.2% 33.3% 45.0 0.0 0.1% 34.6% 57.7 -0.2 -0.3% 34.6% 51.5 51.3 -0.2 -0.4% 34.6% 45.9 45.9 0.1% 34.6% 44.9 44.9 0.0 0.0% 35.8% 57.7 -0.3% 35.8% 51.3 -0.3 35.8% 35.8% 44.9 -0.5% 0.1% 0.0% 37.0% -0.2-0.3% 37.0% 51.5 51.2 -0.2-0.5% 37.0% 45.8 45.9 0.0 0.1% 37.0% 44.8 44.9 0.0 0.1% 38.3% 57.6 57.4 -0.3% 38.3% 51.2 38.3% 38.3% 44.8 0.0 0.1% 45.9 44.8 39.5% 57.6 57.4 -0.2 -0.3% 39.5% 51.4 51.1 -0.3 -0.6% 39.5% 45.8 45.9 0.2% 39.5% 44.8 44.8 0.0 0.1% 40.7% 57.6 57.3 -0.4% 40.7% 51.4 51.1 -0.3 -0.6% 40.7% 45.7 45.8 0.1 0.3% 40.7% 44.8 0.0 0.1% 0.1 42.0% 57.6 57.3 -0.3-0.5% 42.0% 51.2 51.1 -0.2% 42.0% 45.7 45.8 0.3% 42.0% 44.7 44.8 0.1% 0.0% 43.2% 57.5 57.1 -0.4 -0.7% 43.2% 51.1 51.1 0.0 43.2% 45.6 45.7 0.2 0.3% 43.2% 44.7 44.8 0.1 0.1% 44.4% -0.4 -0.7% 44.4% 51.0 51.0 0.0 -0.1% 44.4% 45.6 45.7 0.3% 44.4% 44.7 44.7 0.0 0.0% 45.7% 45.7% 45.7% 57.5 57.1 -0.4 -0.7% 51.0 50.9 -0.1 -0.1% 45.5 45.7 0.2 0.4% 45.7% 44.7 44.7 0.0 0.0% 46.9% 57.4 57.0 -0.8% 46.9% 51.0 50.9 -0.1% 46.9% 45.5 45.6 0.3% 46.9% 44.6 44.7 0.0 0.0% 48.1% 49.4% 57.4 56.9 -0.4 -0.8% 48.1% 51.0 50.9 -0.1 -0.2% 48.1% 45.5 45.6 0.1 0.2% 48.1% 44.6 44.6 0.1 0.2% -0.3-0.5% 49.4% 50.9 -0.2% 49.4% 45.5 45.6 0.1% 49.4% 44.5 44.6 0.1 50.6% 50.6% 50.6% 57.1 56.9 -0.2 -0.4% 50.9 50.8 -0.1 -0.1% 45.5 45.5 0.0 0.0% 50.6% 44.5 44.5 0.0 0.0% 51.9% -0.3-0.6% 51.9% 50.9 -0.3% 45.4 0.1% 51.9% 53.1% 44.4 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Table SQ-09-9b Sacramento River at Delevan, Monthly Temperature Probability of Exceedance

April

March

February

Percent Percent Percent Percent No Action Alternative Alternative D Absolute Relative Relative Exceedance Relative Relative Exceedance Difference Difference Difference Difference Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% 0.0% 50.6 0.1 0.2% 0.0% 56.4 0.1% 0.0% 61.3 62.3 1.7% 65.6 65.7 0.2% 1.2% 49.9 49.8 -0.1 -0.1% 1.2% 56.0 56.1 0.1 0.2% 1.2% 60.9 61.9 1.0 1.6% 1.2% 65.5 65.2 -0.3 -0.5% 2.5% 49.7 49.8 0.2% 2.5% 55.6 56.0 0.6% 2.5% 60.4 61.6 2.5% 64.9 64.9 0.0% 3.7% 3.7% 49.6 49.7 0.1 0.2% 3.7% 55.6 55.5 0.0 -0.1% 3.7% 60.3 61.1 0.8 1.4% 64.7 64.8 0.0 0.1% 4.9% 49.4 49.6 0.2 0.4% 4.9% 55.2 55.2 0.0 -0.1% 4.9% 60.3 60.6 0.6% 4.9% 64.6 64.8 0.2 0.3% 6.2% 6.2% 6.2% 6.2% 49.3 49.4 0.0 0.1% 54.9 55.0 0.1 0.2% 60.0 60.6 0.5 0.9% 64.4 64.7 0.3 0.5% 7.4% 49.3 49.3 0.0 0.0% 7.4% 54.3 54.0 -0.2% 7.4% 59.7 1.2% 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58.0% 58.0% 58.0% 46.6 46.7 0.1 0.2% 51.0 51.1 0.1 0.2% 56.5 57.1 0.6 1.0% 58.0% 61.7 62.0 0.3 0.5% 60.5% 60.5% 60.5% 46.6 46.6 0.0 0.0% 50.9 51.0 0.1 0.2% 56.4 57.0 0.6 1.0% 60.5% 61.6 61.8 0.2 0.3% 61.7% 63.0% 63.0% 63.0% 63.0% 0.3 46.6 46.6 0.0 0.0% 50.9 50.9 0.0 0.0% 56.3 56.7 0.4 0.8% 61.5 61.8 0.5% 64.2% 65.4% 46.6 46.5 46.6 46.5 64.2% 65.4% 0.2% 64.2% 65.4% 0.7% 64.2% 65.4% 61.8 61.7 0.3 0.0 0.1 0.3 61.4 0.5% 0.0% 50.7 50.7 56.0 56.4 66.7% 67.9% 46.5 46.4 0.0% 66.7% 67.9% 66.7% 67.9% 0.5% 66.7% 67.9% 46.5 0.0 50.6 0.1% 56.0 56.3 0.3 61.7 0.3 0.5% 50.6 50.6 0.1 46.4 50.5 0.3% 55.9 56.3 61.3 61.5 0.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 50.5 0.2 46.3 0.4 46.3 0.0 0.0% 50.5 0.2 0.4% 55.6 56.0 0.8% 61.3 61.3 0.0% 50.3 71.6% 46.3 46.3 0.0 0.0% 71.6% 50.5 0.3% 71.6% 55.6 55.9 0.3 0.5% 71.6% 61.2 0.1 72.8% 46.2 46.2 0.0 72.8% 50.2 50.4 0.2 0.4% 72.8% 55.5 55.8 0.4 0.7% 72.8% 61.1 61.2 0.2% -0.2% 0.0% 74.1% 75.3% 74.1% 75.3% 74.1% 0.3% 74.1% 0.7% 0.2 75.3% 75.3% 0.5 0.6% 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-0.3% 90.1% 45.1 45.1 0.0 0.0% 90.1% 48.7 48.8 0.0 0.1% 90.1% 53.9 54.0 0.1 0.3% 90.1% 59.8 59.8 0.0 -0.1% 91.4% 91.4% 48.6 48.7 91.4% 0.4% 91.4% 59.5 59.8 0.3 0.2 91.4% 92.6% 0.2% 92.6% 45.1 45.1 0.0 0.1% 48.6 48.7 0.1 53.5 53.5 0.0% 92.6% 59.0 59.7 1.1% 93.8% 0.0 48.6 93.8% 59.0 59.2 0.2 45.1 45.1 0.1% 93.8% 48.5 0.3% 93.8% 53.3 53.3 0.0 0.0% 0.4% 95.1% 95.1% 95.1% 95.1% 44.9 44.9 0.1 0.1% 48.3 48.3 0.0 0.0% 53.1 53.3 0.1 0.3% 58.9 58.7 -0.2 -0.3% 96.3% 44.7 0.1% 96.3% 48.1 48.1 0.0% 96.3% 97.5% 52.9 0.3% 96.3% 97.5% 58.7 0.0 0.0% 97.5% 97.5% 0.0 0.0 0.0% 44 6 447 0.0 48 N 48 0 0.0 0.0% 51 9 51 9 0.0% 58.6 58.6 0.0% 47.7 0.0% 98.8% 100.0% 100.0% 100.0% 100.0% 43.8 43.8 0.0 0.0% 47.6 47.6 0.0% 49.5 49.5 0.0 0.0% 55.5 55.5 0.0 0.0%

Table SQ-09-9b
Sacramento River at Delevan, Monthly Temperature
Probability of Exceedance

August

September

Percent Percent Percent Percent No Action Alternative Alternative D Absolute Relative Relative Relative Relative Exceedance Exceedance Difference Difference Difference Difference Monthly Temperature Difference (%) Difference (%) Difference (%) Monthly Temperature Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG-F) (DEG.E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) 0.0% 67.6 67.8 0.2 0.2% 0.0% 69.7 69.5 0.0% 71.7 69.8 -2.7% 68.7 67.8 -1.4% 1.2% 67.5 67.4 -0.2 -0.3% 1.2% 69.6 68.8 -0.8 -1.1% 1.2% 71.5 68.2 -3.3 -4.6% 1.2% 68.5 67.7 -0.8 -1.2% 2.5% 66.7 66.6 -0.1% 2.5% 68.7 68.2 -0.7% 2.5% 69.9 68.0 -1.8 -2.6% 2.5% 68.3 67.6 -1.0% 3.7% 3.7% 66.6 66.6 0.0 0.1% 3.7% 68.4 68.2 -0.3 -0.4% 3.7% 69.7 68.0 -1.7 -2.4% 68.2 67.3 -0.8 -1.2% 4.9% 66.4 66.6 0.2 0.3% 4.9% 68.1 68.1 0.1% 4.9% 69.3 67.9 -2.0% 4.9% 67.8 67.1 -0.7 -1.0% 6.2% 6.2% 6.2% 6.2% 66.4 66.5 0.2 0.3% 67.9 68.0 0.1 0.2% 68.9 67.8 -1.1 -1.6% 67.4 66.9 -0.4 -0.6% 7.4% 0.2 0.4% 7.4% 67.9 0.1 -0.2 0.1% 7.4% 68.2 -0.6 -0.6 -0.8% 7.4% 67.0 -0.3 -0.5 -0.4% 8.6% 8.6% 8.6% 8.6 · . 9.9% 11.1% 12.3% 8.6% 65.8 65.9 0.0% 67.8 67.6 -0.3% 68.0 67.3 -0.9% -1.2% 66.6 66.1 -0.8% 9.9% -0.2% -0.3% -0.7% 11.1% 12.3% 65.8 65.6 -0.1 -0.2% 11.1% 67.6 67.4 -0.2 -0.3% 11.1% 67.9 67.1 -0.8 -1.2% 66.3 65.7 -0.6 -0.9% 13.6% 13.6% 13.6% -0.5% -1 1% 65.5 65.4 -0.1 -0.1% 67.5 67.2 -0 4 67.8 66.9 -0.9 -1.3% 66.0 65.3 -0.7 16.0% 16.0% 16.0% 16.0% 65.3 65.1 -0.2 -0.3% 67.1 67.0 -0.1 -0.2% 67.3 66.7 -0.6 -0.8% 65.7 65.0 -0.7 -1.1% 18.5% 18.5% -0.1% 18.5% 18.5% 65.2 65.0 -0.2 -0.3% 67.0 66.9 -0.1 67.1 66.6 -0.5 -0.8% 65.3 64.9 -0.4 -0.6% 19.8% 21.0% 65.1 65.1 -0.1 -0.2 -0.2% -0.4% 66.9 66.7 19.8% -0.6 -0.5 19.8% 21.0% 65.2 65.1 -0.3 -0.3 21.0% 64.8 66.8 -0.1 -0.2% 67.0 66.5 -0.7% 64.8 -0.4% 22.2% 23.5% 64.8 64.8 -0.5% -0.5% 22.2% 23.5% 0.0% 22.2% 23.5% 66.5 -0.6% 22.2% 23.5% -0.3 -0.3 0.0 65.1 -0.3 66.7 66.5 -0.2 -0.3% 66.6 0.0% 65.0 64.7 -0.5% 66.5 24.7% 25.9% -0.5% -0.3% 24.7% 25.9% -0.4% -0.4% 24.7% 25.9% 66.5 66.5 0.1% 24.7% 25.9% 66.4 66.4 -0.3 -0.3 0.0 64.0 -0.5 -0.3 64.9 64.7 -0.2 64.8 66.6 66.4 64.4 -0.5% 27.2% 28.4% 27.2% 28.4% 27.2% 28.4% -0.3% 27.2% 66.4 66.2 -0.2% 66.4 66.5 64 7 64.4 -0.4 -0.6% 64.9 -0.2 -0.3% 28.4% 66.2 -0.1 -0.2% 0.1 0.1% 64.7 -0.4 -0.6% 66.4 66.3 66.4 64.3 29.6% 30.9% -0.4% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 66.2 66.2 -0.2% -0.3% 66.4 66.3 0.1 0.1% -0.4 -0.3 64.3 -0.4% 66.2 32.1% 64.6 0.0 0.0% 32.1% 66.4 66.2 -0.2 -0.3% 32.1% 66.2 66.3 0.2% 32.1% 64.5 64.2 -0.3 -0.4% 33.3% 0.0 -0.1% 33.3% 66.1 -0.2 -0.4% 33.3% 66.2 0.1 0.1% 33.3% -0.2 -0.3% 66.2 34.6% 64.5 0.0 0.1% 34.6% 66.1 66.0 -0.2 -0.2% 34.6% 66.1 66.2 0.1% 34.6% 64.3 64.1 -0.2 -0.3% 35.8% 0.0% 35.8% -0.1% 35.8% 35.8% 66.1 0.1% -0.3% 37.0% 64.4 64.4 0.0 -0.1% 37.0% 65.9 65.9 0.1% 37.0% 66.0 66.1 0.0 0.1% 37.0% 64.2 64.0 -0.2-0.3%38.3% 64.4 -0.1% 38.3% 38.3% 65.9 38.3% -0.1 64.4 -0.1 -0.1% 64.0 63.9 -0.2% 39.5% 64.4 64.3 0.0 -0.1% 39.5% 65.8 65.8 0.0 -0.1% 39.5% 65.9 65.9 0.0 -0.1% 39.5% 64.0 63.7 -0.2 -0.3% 40.7% 40.7% 64.2 64.3 0.0 0.0% 40.7% 65.8 65.8 0.0 0.0% 65.9 65.9 0.0 0.0% 40.7% 63.9 63.5 -0.4 -0.6% -0.3 42.0% 64.2 64.2 0.0 0.0% 42.0% 65.7 65.7 0.0% 42.0% 65.8 65.8 0.1 0.1% 42.0% 63.8 63.5 -0.5% 43.2% 64.2 64.1 0.0 0.0% 43.2% 65.6 65.7 0.1 0.1% 43.2% 65.8 65.8 0.0 0.0% 43.2% 63.7 63.4 -0.3 -0.5% 44.4% 0.0% 44.4% 65.5 65.7 0.3% 44.4% 65.8 65.8 0.0 0.0% 44.4% 63.6 63.3 -0.3 -0.5% 45.7% 45.7% 45.7% 64.1 64.1 0.0 -0.1% 65.4 65.6 0.2 0.2% 65.7 65.7 0.1 0.1% 45.7% 63.5 63.2 -0.3 -0.4% -0.4 46.9% 64.1 64.1 -0.1% 46.9% 65.4 65.6 46.9% 65.5 65.7 0.2% 46.9% 63.5 63.1 -0.6% 48.1% 49.4% 64.0 64.0 0.0 0.1% 48.1% 65.4 65.4 0.1 0.1% 48.1% 65.5 65.7 0.1 0.2% 48.1% 63.4 63.1 -0.3 -0.5% 63.9 0.0% 49.4% 65.3 65.3 49.4% 65.5 65.6 0.2% 49.4% 63.4 63.1 -0.3-0.5%50.6% 50.6% 50.6% 63.9 64.0 0.1 0.2% 65.2 65.3 0.1 0.1% 65.5 65.6 0.2 0.2% 50.6% 63.3 63.0 -0.2 -0.4% 0.2% 51.9% 63.9 51.9% 0.0 0.0% 65.4 0.2 0.3% 51.9% 53.1% 63.2 63.0 -0.2 -0.1 -0.3% 53.1% 53.1% 53.1% 0.1 0.0 0.3% 63.8 63.9 65.2 65.3 0.0% 65.4 65.6 63.2 63.0 -0.2% 55.6% 56.8% 55.6% 55.6% 55.6% 63.7 63.9 0.2 0.4% 65.2 65.2 0.1 0.1% 65.3 65.5 0.2 0.3% 62.9 63.0 0.1 0.2% 58.0% 0.5% 58.0% 0.0% 58.0% 63.5 63.8 0.3 65.1 65.1 0.0 65.3 65.5 0.2 0.3% 58.0% 62.8 62.9 0.1 0.2% 60.5% 60.5% 60.5% 63.4 63.7 0.3 0.5% 65.0 65.0 -0.1 -0.1% 65.2 65.5 0.3 0.5% 60.5% 62.5 62.9 0.4 0.7% 61.7% 61.7% 65.4 62.9 63.0% 63.0% 63.0% 63.0% 63.3 63.6 0.4 0.6% 64.9 64.9 0.0 0.0% 65.1 65.3 0.2 0.3% 62.4 62.6 0.3 0.4% 64.2% 65.4% 63.2 63.2 63.6 63.6 0.4 0.6% 64.2% 65.4% 64.8 64.7 -0.1% -0.1% 64.2% 65.4% 64.2% 65.4% 62.3 62.3 0.2 64.8 -0.1 65.2 0.1 0.3% 65.1 0.1% 62.5 66.7% 67.9% 63.1 63.1 0.7% 66.7% 67.9% 66.7% 67.9% 66.7% 67.9% 0.4 64.7 0.1% 65.0 65.2 0.3% 62.2 62.4 0.1 0.2% 64.7 0.2 0.1 62.2 63.5 64.6 0.2% 65.0 65.1 0.1% 62.1 -0.3% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 0.6% 64.7 63.1 63.4 0.3 64.7 0.2 0.1 0.5% 64.5 0.3% 64.8 65.0 0.2 0.2% 61.8 61.9 0.1% 71.6% 63.0 63.4 0.4 0.6% 0.7% 71.6% 64.6 0.3% 71.6% 64.8 65.0 0.2 0.4% 71.6% 61.6 61.8 0.3 72.8% 62.9 63.3 72.8% 64.4 64.6 0.2 0.2% 72.8% 64.4 64.9 0.5 0.8% 72.8% 61.5 61.8 0.3 0.4% 0.5% 0.0% 74.1% 75.3% 74.1% 75.3% 74.1% 64.4 74.1% 0.7% 0.1 0.2% 75.3% 64.4 75.3% 76.5% 62.9 0.3 0.5% 76.5% 64.3 0.1% 76.5% 64.3 64.6 0.4 0.6% 76.5% 61.4 61.5 0.1 77.8% 0.4% 77.8% 64.1 77.8% 0.4 0.6% 77.8% 0.1 0.2% 62.9 0.2 -0.1% 61.2 79.0% 62.8 0.1 0.2% 79.0% 64.0 -0.2% 79.0% 64.2 64.5 0.3 0.4% 79.0% 61.2 61.2 0.0 0.0% 80.2% 62.8 0.2% 80.2% 64.0 -0.1% 80.2% 80.2% 0.0 62.9 64.2 64.5 0.3 61.2 61.2 0.0% 81.5% 62.8 62.9 0.1 0.1% 81.5% 63.9 64.0 0.1% 81.5% 64.2 64.4 0.3 0.4% 81.5% 61.0 61.1 0.0 82.7% 82.7% 62.7 0.1% 82.7% 64.0 0.1% 64.1 64.4 0.3 0.4% 82.7% 61.0 61.0 0.1 0.1% 84.0% 62.6 0.1 0.2% 84.0% 63.9 63.8 -0.1 -0.2% 84.0% 63.9 64.3 0.4 0.7% 84.0% 60.9 61.0 0.0 0.1% 85.2% 62.6 62.6 0.0 0.0% 85.2% 63.9 63.7 -0.1 -0.2% 85.2% 63.9 64.3 0.4 0.6% 85.2% 60.9 61.0 0.1 0.1% 86.4% 62.5 62.5 0.1% 86.4% 63.6 -0.1% 86.4% 63.8 64.2 0.6% 86.4% 60.9 60.9 87.7% 62.5 62.5 0.0 0.0% 87.7% 63.7 63.6 -0.1 -0.2% 87.7% 63.6 64 1 0.4 0.7% 87.7% 60.8 60.8 0.1 0.1% 88.9% 62.4 62.5 0.0 0.0% 88.9% 63.4 63.5 0.2% 88.9% 63.6 64.0 0.5 0.7% 88.9% 60.6 60.5 -0.1 -0.2% 90.1% 62.4 62.4 0.0 0.1% 90.1% 63.3 63.5 0.1 0.2% 90.1% 63.5 64.0 0.4 0.7% 90.1% 60.6 60.4 -0.1 -0.2% 91.4% 62.4 91.4% 63.4 0.2% 91.4% 63.4 63.9 91.4% 60.5 60.3 -0.2 -0.2 -0.4% 0.1 0.5 92.6% 92.6% 92.6% 62.1 62.2 0.0 0.0% 63.2 63.3 63.4 63.7 0.5% 92.6% 60.4 60.2 -0.3% 93.8% 0.1 -0.1% 93.8% -0.4 -0.6% 62.0 62.2 0.2% 93.8% 63.1 63.0 -0.193.8% 63.2 63.6 0.4 0.6% 60.3 59.9 95.1% 95.1% 95.1% 95.1% 62.0 61.7 -0.2 -0.4% 63.1 63.0 -0.1 -0.1% 63.2 63.4 0.2 0.3% 59.9 59.7 -0.2 -0.4% 96.3% -0.1% 96.3% 62.9 0.2 0.4% 96.3% 97.5% 63.1 63.3 0.2 0.3% 96.3% 97.5% 59.7 59.6 0.0 -0.1% 97.5% 61.5 61.5 0.0% 97.5% -0.1% 0.0 62.7 62.8 0.3% 63.1 63.1 0.0% 59 2 591 98.8% 0.0% 100.0% 100.0% 100.0% 100.0% 60.5 60.8 0.2 0.4% 62.0 61.8 -0.3% 62.8 63.0 0.3% 59.0 58.4 -0.5 -0.9%

Table SQ-10-9a
Sacramento River below Delevan, Monthly Temperature
Long-term Average and Average by Water Year Type

		9		-9	werage by Mon		erature (DI	FG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Mav	Jun	Jul	Aua	Sep
					ng-term			,				
Full Simulation Period ¹					.,							
No Action Alternative	57.3	51.0	45.3	44.4	47.0	51.4	56.7	61.9	64.0	65.5	65.8	63.4
Alternative D	57.1	50.8	45.4	44.5	47.0	51.5	57.2	62.1	64.0	65.5	65.7	63.2
Difference	-0.2	-0.2	0.1	0.1	0.0	0.1	0.5	0.2	0.0	-0.1	-0.1	-0.2
Percent Difference ³	-0.3%	-0.3%	0.2%	0.2%	0.0%	0.2%	0.8%	0.3%	0.1%	-0.1%	-0.1%	-0.39
				Water Y	ear Types	2						
Wet (32%)												
No Action Alternative	56.6	51.3	45.4	44.7	46.6	50.2	54.8	61.0	63.8	65.9	65.4	61.0
Alternative D	56.5	51.1	45.6	44.7	46.6	50.2	54.9	61.0	63.6	65.8	65.7	61.0
Difference	-0.1	-0.1	0.2	0.0	0.0	0.1	0.2	0.0	-0.2	0.0	0.3	0.0
Percent Difference	-0.3%	-0.3%	0.4%	0.1%	0.0%	0.2%	0.3%	0.0%	-0.4%	-0.1%	0.4%	0.0%
Above Normal (15%)												
lo Action Alternative	56.8	50.6	45.7	44.8	46.9	51.3	56.8	62.7	64.0	64.7	65.5	62.9
Alternative D	56.7	50.5	45.8	44.8	46.9	51.4	57.2	62.7	64.1	64.6	65.8	62.9
Difference	-0.1	0.0	0.1	0.0	0.0	0.1	0.4	0.0	0.1	-0.2	0.2	0.0
Percent Difference	-0.1%	-0.1%	0.3%	0.1%	0.0%	0.2%	0.7%	0.0%	0.1%	-0.2%	0.4%	0.1%
Below Normal (17%)												
No Action Alternative	56.6	50.7	45.5	44.2	46.5	51.5	57.6	62.3	63.7	65.1	65.3	64.1
Alternative D	56.3	50.6	45.5	44.2	46.5	51.6	58.2	62.7	63.8	64.9	65.4	63.8
Difference	-0.2	-0.1	0.0	0.0	0.0	0.2	0.7	0.4	0.1	-0.2	0.1	-0.3
Percent Difference	-0.4%	-0.2%	0.0%	0.0%	0.0%	0.3%	1.1%	0.6%	0.1%	-0.3%	0.1%	-0.49
Ory (22%)												
No Action Alternative	57.6	51.2	45.3	44.1	47.3	52.3	58.2	62.0	64.3	65.0	65.4	64.7
Alternative D	57.4	50.9	45.3	44.3	47.2	52.4	58.8	62.2	64.6	65.1	65.3	64.5
Difference	-0.2	-0.2	0.0	0.2	-0.1	0.1	0.6	0.2	0.3	0.2	-0.1	-0.3
Percent Difference	-0.3%	-0.5%	-0.1%	0.4%	-0.1%	0.2%	1.0%	0.2%	0.5%	0.3%	-0.1%	-0.49
Critical (15%)												
lo Action Alternative	59.6	50.7	44.7	44.3	48.2	53.1	57.8	62.4	64.3	66.8	67.8	66.3
Alternative D	59.2	50.5	44.7	44.4	48.3	53.2	58.5	63.0	64.4	66.6	66.4	65.6
Difference	-0.3	-0.2	0.0	0.1	0.0	0.1	0.7	0.6	0.1	-0.2	-1.4	-0.7
Percent Difference	-0.5%	-0.4%	0.1%	0.3%	0.1%	0.2%	1.2%	1.0%	0.1%	-0.2%	-2.1%	-1.09

1 Based on the 82-year simulation period

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



Figure SQ-10-9b Sacramento River below Delevan, Monthly Temperature Probability of Exceedance

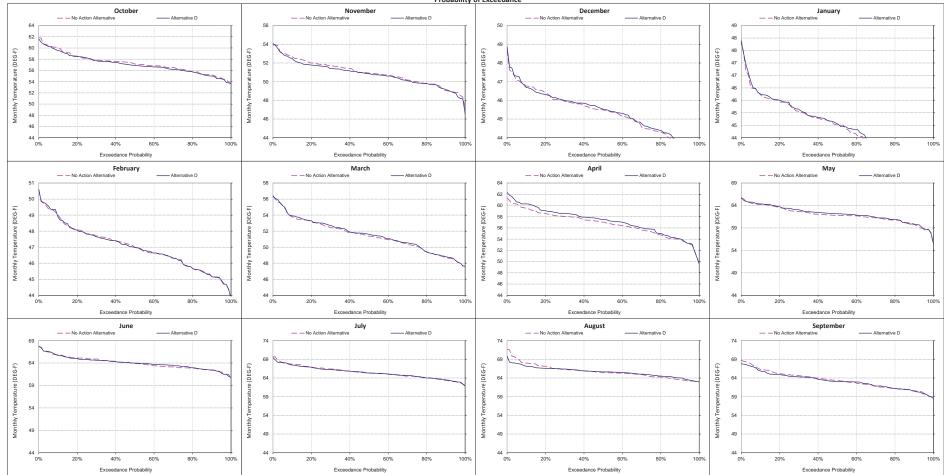


Table SQ-10-9b Sacramento River below Delevan, Monthly Temperature Probability of Exceedance

Part			October					November					December					January		
Part		No Action Alternative	Alternative D	Absolute			No Action Alternative	Alternative D	Absolute			No Action Alternative	Alternative D	Absolute			No Action Alternative	Alternative D	Absolute	
No. Part P				Difference				M #1.7	Difference			M 01 7 1		Difference					Difference	
Second Property				(DEG-F)	Difference (%)															
Second Property	(%)	(DEG-F)	(DEG-F)		0.30/	(%)		(DEG-F)	0.1	0.20/	(%)	(DEG-F)		0.2	0.49/	(%)			0.1	0.10/
18																				
1.00						2.5%					2.5%					2.5%				
April Apri						3.7%					3.7%			0.0	0.1%	3.7%			0.1	
Column																				
Tell				-0.1															0.0	
Section Column																				
Bell																				
14.0 10.0				-0.5			52.7					46.8	46.7				45.7			
14.0 10.0	11.1%	59.9	59.5	-0.4	-0.7%	11.1%	52.5	52.2	-0.3	-0.5%	11.1%	46.7	46.7	-0.1	-0.2%	11.1%	45.6	45.7	0.1	0.2%
March 102 103 103 103 104 105 104 105 104 105 10	12.3%	59.4	59.3	-0.1	-0.2%	12.3%	52.5	52.1	-0.4	-0.7%	12.3%	46.7	46.6	-0.1	-0.2%	12.3%	45.6	45.7	0.1	
March 102 103 103 103 104 105 104 105 104 105 10	13.6%	59.3	59.1	-0.2	-0.4%	13.6%	52.4	52.1	-0.4	-0.7%	13.6%	46.7	46.5	-0.2	-0.3%	13.6%	45.6	45.7	0.1	0.3%
175		59.2	59.0	-0.2			52.4	52.0	-0.4		14.8%		46.4	-0.1			45.6	45.6		
March Marc					-0.9%					-0.9%	16.0%									0.0%
18																				
10 10 10 10 10 10 10 10											18.5%									
227.5 03											19.8%		46.3							
200. 201.																				
2.7% 98.1 93.2 93.7 93.5 93.5 93.5 93.5 93.5 93.5 93.5 93.5											22.2%									
200.		58.2	58.3	0.1		23.5%		51.7	-0.2		23.5%	46.0	46.2				45.4	45.4	0.0	
2.75.																				
24.6 97.0 97.6 97.0 97.6 97.0											25.9%									
200		58.0	58.1								27.2%		46.1	0.0					0.0	
100 100																				
2.75	29.6%			-0.1	-0.2%				-0.3	-0.6%	29.6%		46.0						0.1	0.2%
1.0 1.0																				
3406, 577, 578, -0.1 -0.25, -0.10 -0.25, -0.10 -0.25, -0.2																				
Section Sect		57.7	57.6			33.3%					33.3%	45.9 45.0								
370% 977 975 41 42 449 00 015																				
930% 578 6 778 4 02 03% 1835% 1814 512 233 -0.05% 1835% 488 488 00 0 0.05% 1835% 448 448 449 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	35.6%			-0.1						-0.5%	33.6%				0.1%	33.6%				
2010 576 575 611 628 325 514 512 622 625 325 325 448 449 611 625 325 426 427 627 428 42																				
4076 97.6 97.4 9.2 9.3 9.3 9.7 4.1 9.1 9.3 9.0 9		57.6	57.5										45.9				44.0		0.0	
\$\frac{2}{6}\$ \text{Col}{5}\$ C																				
14256 972 972 0-33 0-40% 14256 971 0-44 0-40% 14256 971 0-40 0-40% 14256 972 0-40% 14256 973 0				-0.2						-0.0%		45.7							0.0	
44.65 57.5 57.1 -0.4 -0.776 -0.4			57.2																	
467% 97.5 97.6 44 - 407% 44.7 44.7 0.0 0.0% 46.7% 45.5 45.7 0.2 0.0% 46.7% 44.7 44.7 0.0 0.0% 46.7% 45.7 46.7 0.0 0.0% 46.7% 46.0% 4																				
46/8/ 97.5 97.0 04 0.0% 44.9% 97.0 90.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0							51.0				45.7%		45.7		0.4%		44.7	44.7		
49-06 97-2 66-9 0.3 0.25 0.46 40-06 50-06 50-06 0.15 0.15 40-06 40-0												45.5					44.6			
48 57 56 0.3	48.1%	57.4	57.0	-0.4	-0.7%	48.1%	51.0	50.9	-0.1	-0.2%	48.1%	45.5	45.6	0.1	0.2%	48.1%	44.6	44.6	0.1	0.2%
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87.7%																				
88.9% 55.2 55.0 0.2 0.4% 88.9% 49.1 49.2 0.1 0.3% 88.9% 43.7 43.9 0.2 0.5% 88.9% 43.0 43.1 0.1 0.2% 90.1% 55.2 55.0 0.2 0.3% 90.1% 49.1 49.1 0.1 0.2% 90.1% 43.6 43.9 0.3 0.8% 90.1% 42.8 42.9 0.1 0.3% 91.4% 55.1 54.9 0.2 0.3% 91.4% 49.0 49.1 0.1 0.1% 91.4% 43.5 43.8 0.3 0.7% 91.4% 42.8 42.8 0.1 0.2% 92.6% 54.8 54.5 0.2 0.4% 92.6% 49.0 48.9 0.1 0.1% 92.6% 43.5 43.8 0.3 0.8% 92.6% 42.7 42.7 0.0 0.0% 93.8% 54.7 54.5 0.1 0.2% 93.5% 48.9 48.8 0.1 0.1% 92.6% 43.5 43.8 0.3 0.8% 92.6% 42.7 42.7 0.0 0.0% 95.1% 54.6 54.5 0.2 0.3% 95.1% 48.8 48.8 0.1 0.1% 95.1% 43.4 43.5 0.2 0.5% 95.1% 42.7 42.7 0.0 0.0% 96.3% 54.4 54.4 54.4 0.0 0.0% 96.3% 48.8 48.3 0.5 1.0% 96.3% 43.4 43.6 0.2 0.5% 95.1% 42.7 42.7 0.0 0.0% 97.5% 54.3 53.8 0.5 0.2 0.4% 96.3% 42.4 42.5 0.1 0.2% 97.5% 54.3 53.8 0.5 0.2 0.4% 96.3% 42.4 42.5 0.1 0.2% 97.5% 54.3 53.8 0.5 0.8% 97.5% 48.5 48.2 0.3 0.6% 97.5% 43.2 43.6 0.4 0.9% 97.5% 42.2 42.1 0.1 0.2% 98.8% 53.9 53.8 0.2 0.3% 98.8% 48.4 48.2 0.2 0.40% 98.8% 43.0 42.6 0.4 0.9% 97.5% 41.8 41.9 0.1 0.3%	87.7%	55.2	55.1		-0.3%	87.7%				0.0%	87.7%			0.1	0.2%	87.7%	43.1			0.2%
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		55.2				88.9%	49.1			0.3%	88.9%	43.7	43.9	0.2	0.5%	88.9%		43.1	0.1	
91.4% 55.1 54.9 -0.2 -0.3% 91.4% 49.0 49.1 0.1 0.1% 91.4% 43.5 43.8 0.3 0.7% 91.4% 42.8 42.8 0.1 0.2% 92.6% 54.8 54.5 -0.2 -0.4% 92.6% 49.0 48.9 -0.1 -0.1% 92.6% 43.5 43.8 0.3 0.8% 92.6% 42.7 42.7 0.0 0.0% 93.8% 54.7 54.5 -0.1 -0.2% 93.8% 48.9 48.8 -0.1 -0.2% 93.8% 43.4 43.7 0.3 0.7% 93.8% 42.7 42.7 -0.1 -0.1% 95.1% 54.6 54.5 -0.2 -0.3% 95.1% 48.8 48.8 -0.1 -0.1% 95.1% 43.4 43.6 0.2 0.5% 95.1% 42.7 42.7 0.0 0.0% 95.3% 54.4 54.4 0.0 0.0% 96.3% 48.8 48.3 -0.5 -1.0% 96.3% 43.4 43.6 0.2 0.5% 95.1% 42.7 42.7 0.0 0.0% 97.5% 54.3 53.8 -0.5 -0.8% 97.5% 48.8 48.3 -0.5 -1.0% 96.3% 43.4 43.6 0.2 0.5% 95.5% 42.4 42.5 0.1 0.2% 97.5% 54.3 53.8 -0.5 -0.8% 97.5% 48.5 48.2 -0.3 -0.6% 97.5% 43.2 43.6 0.4 0.9% 97.5% 42.2 42.1 -0.1 -0.2% 98.8% 53.9 53.8 -0.2 -0.3% 98.8% 48.4 48.2 -0.2 -0.4% 98.8% 43.0 42.6 -0.4 -1.0% 98.8% 41.8 41.9 0.1 0.3%	90.1%	55.2				90.1%		49.1			90.1%	43.6	43.9		0.6%	90.1%	42.8	42.9	0.1	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	91.4%			-0.2	-0.3%	91.4%				0.1%	91.4%			0.3	0.7%					0.2%
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96.3% 54.4 54.4 0.0 0.0% 96.3% 48.8 48.3 -0.5 -1.0% 96.3% 43.4 43.6 0.2 0.4% 96.3% 42.4 42.5 0.1 0.2% 97.5% 54.3 53.8 -0.5 -0.8% 97.5% 48.5 48.2 -0.3 -0.8% 97.5% 43.2 43.6 0.4 0.9% 97.5% 42.2 42.1 -0.1 -0.2% 98.8% 53.9 53.8 -0.2 -0.3% 98.8% 48.4 48.2 -0.2 -0.4% 98.8% 43.0 42.6 -0.4 -1.0% 98.8% 41.8 41.9 0.1 0.3%				-0.1					-0.1		93.8%		43.7	0.3	0.7%					-0.1%
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	100.0%	53.9	53.6	0.0	-0.5%	100.0%	47.1	46.5	-0.6	-1.2%	100.0%	41.6	41.7	0.1	0.3%	100.0%	41.5	41.8	0.3	0.8%

Table SQ-10-9b Sacramento River below Delevan, Monthly Temperature Probability of Exceedance

Figure F	nce Difference (%) 2: 0.2% 3: -0.5% 0.0% 0.0% 0.1% 2: 0.2% 0.2% 0.2% 0.2% 0.2% 0.2% 0.2% 0.2%
Proceedings Marting Column Marting	nce Difference (%) 2: 0.2% 3: -0.5% 0.0% 0.0% 0.1% 2: 0.2% 0.2% 0.2% 0.2% 0.2% 0.2% 0.2% 0.2%
Penalty Methy Fragments	F) Difference (%) 2 0.2% 3 -0.5% 0 0.1% 2 0.2% 0 0.1% 2 0.2% 0 0
1.00	2 0.2% 3 0.5% 4 0.5% 5 0.1% 6 0.1% 6 0.2% 6 0.2% 6 0.2% 6 0.2% 6 0.2% 6 0.2% 6 0.2% 6 0.2% 6 0.2% 6 0.4% 6 0.4% 6 0.8% 6 0.8% 6 0.7% 6 0.8% 6 0.7% 6 0.8% 6 0.7% 6 0.8% 6 0.7% 6 0.8%
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7-76	0.2% 0.2% 0.2% 0.2% 0.1% 0.1% 0.1% 0.2% 0.3% 0.2% 0.2% 0.2% 0.2% 0.2% 0.2% 0.7% 0.1% 0.7% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0
86 492	0.2% 0.2% 0.2% 0.1% 0.1% 0.2% 0.1% 0.2% 0.2% 0.2% 0.2% 0.2% 0.2% 0.2% 0.2
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Table SQ-10-9b Sacramento River below Delevan, Monthly Temperature Probability of Exceedance

August

September

	Percent		June			Percent		July			Percent		August			Percent		September		
		No Action Alternative	Alternative D	Absolute	Relative		No Action Alternative	Alternative D	Absolute	Relative		No Action Alternative	Alternative D	Absolute	Relative		No Action Alternative	Alternative D	Absolute	Relative
Column	Probability	Monthly Temperature	Monthly Temperature		Difference (%)	Probability	Monthly Temperature	Monthly Temperature		Difference (%)	Probability	Monthly Temperature	Monthly Temperature		Difference (%)	Probability	Monthly Temperature	Monthly Temperature		Difference (%)
The	(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
1.00	0.0%					0.0%				-0.3%	0.0%					0.0%				-1.3%
1.00				-0.2			69.6			-1.1%		71.5	68.3	-3.3						-1.2%
Column C						2.5%					2.5%					2.5%				-1.0%
Section Sect	3.7%																			
The																				
1.5																				
10																				
11	8.6%			0.0		8.6%				-0.4%	8.6%				-0.9%				-0.5	
1.00																				
1.00	11.1%			-0.1	-0.2%	11.1%					11.1%				-1.2%					-0.9%
145																				
1.50																				
175																			-1.0	
18				-0.2							16.0%									
18																17.3%				
20											18.5%									
22.5																				
200.																				
2-72																				
25.00 64.0 64.0 62.0											23.5%									
27.00																			-0.5	
24.00 44.00 44.7	25.9%			-0.2							25.9%				0.2%	25.9%			-0.3	-0.5%
200.				-0.2							27.2%							64.4	-0.4	
500 66																				
22 Th. 64 66 66 00 00 00 Th. 22 Th. 66 64 02 02 03h 22 Th. 66 64 02 03h 22 Th. 66 64 02 03h 24 Th. 66 64 02h 24 Th. 66 64 0				-0.2		29.6%				-0.2%	29.6%									-0.6%
Sept. 148																				
340% 94.5 04.5 04.5 04.6 04.7 04.5 04.6 04.2 0.2 0.3% 340% 06.2 04.0 04.5 04.5 04.5 04.5 04.5 04.5 04.5																			-0.3	
5876 545																				
370% 64 64 0.1 0.1% 370% 609 609 609 0.0 0.0% 370% 601 601 61 0.1% 0.1% 0.1% 0.1% 0.0% 0.0% 0.0% 0.0																				
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44-96 642 642 0.01 0.076 44-96 665 607 0.2 0.776 44-96 665 0.0 0.076 44-96 603 0.0 0.076 44-96 603 0.0 0.076 44-96 603 0.0 0.076 44-96 603 0.0 0.076 44-96 603 0.0 0.076 44-96 603 0.0 0.076 44-96 603 0.0 0.076 44-96 603 0.0 0.076 44-96 603 0.0 0.076 44-96 603 0.0 0.076 44-96 603 0.0 0.076 44-96 603 0.0 0.076 44-96 603 0.0 0.076 44-96 603 0.0 0.0 0.076 44-96 603 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	42.0%		64.2							0.0%	42.0%			0.1					-0.3	-0.5%
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48.1% 64.0 64.0 0.0 0.0% 48.1% 65.4 65.4 0.0 0.1% 48.1% 65.5 65.7 0.1 0.2% 48.1% 65.4 63.3 0.3 0.95% 65.3 0.5 0.2% 65.3 0.5 0.2% 65.3 0.5 0.5 0.2% 65.5 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2 0.2% 65.5 0.2																				
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76.5% 62.9 63.2 0.3 0.5% 76.5% 64.3 64.3 0.1 0.1% 76.5% 64.3 64.7 0.4 0.6% 76.5% 61.4 61.5 0.1 0.1% 77.8% 62.9 63.1 0.2 0.3% 77.8% 64.2 64.1 0.1 0.2% 77.8% 64.3 64.7 0.4 0.6% 77.8% 61.2 61.2 0.0 0.0% 80.2% 62.9 63.0 0.1 0.2% 79.0% 64.2 64.0 0.1 0.2% 79.0% 64.3 64.5 0.3 0.4% 79.0% 61.2 61.2 0.0 0.0% 81.5% 62.8 62.8 62.0 0.1 0.2% 80.2% 64.1 64.0 0.1 0.1% 81.5% 64.2 64.5 0.3 0.4% 80.2% 61.2 61.2 0.0 0.0% 81.5% 62.8 62.8 62.9 0.0 0.1% 81.5% 63.9 64.0 0.1 0.1% 81.5% 64.2 64.5 0.3 0.4% 81.5% 61.0 61.1 0.1 0.1% 84.0% 62.8 62.8 62.8 62.8 0.0 0.0% 83.8 0.1 0.2% 84.0% 63.9 64.0 0.0 0.0% 82.7% 64.2 64.4 0.3 0.4% 81.5% 61.0 61.1 0.1 0.1% 84.0% 62.8 62.8 62.8 62.8 0.0 0.0% 83.8 0.1 0.2% 84.0% 63.9 64.4 0.4 0.7% 84.0% 61.0 61.0 0.1 0.1% 85.2% 62.8 62.8 62.8 0.0 0.0% 85.2% 63.9 63.7 0.1 0.2% 84.0% 63.9 64.3 0.4 0.6% 85.2% 60.9 61.0 0.1 0.1% 85.2% 62.5 62.5 0.0 0.0% 85.2% 63.9 63.7 0.1 0.2% 85.2% 63.9 64.3 0.4 0.6% 85.2% 60.9 61.0 0.1 0.1% 87.7% 62.5 62.5 0.0 0.0% 85.2% 63.9 63.7 0.1 0.2% 86.4% 63.9 64.3 0.4 0.6% 85.2% 60.9 61.0 0.1 0.1% 87.7% 62.5 62.5 0.0 0.0% 87.7% 63.7 63.7 0.1 0.2% 87.7% 63.7 63.6 0.1 0.2% 87.7% 63.7 63.6 0.1 0.2% 87.7% 63.7 63.6 0.1 0.2% 88.9% 63.6 64.1 0.4 0.7% 86.4% 60.9 60.9 0.1 0.1% 89.7% 63.2 62.4 62.5 0.0 0.0% 89.9% 63.4 63.5 0.1 0.2% 88.9% 63.6 64.1 0.4 0.7% 86.4% 60.9 60.9 0.1 0.1% 91.4% 62.4 62.4 0.0 0.0% 90.1% 63.3 63.5 0.1 0.2% 90.1% 63.5 64.0 0.4 0.7% 90.1% 60.6 60.5 0.1 0.2% 90.1% 63.5 64.0 0.4 0.7% 90.1% 60.6 60.5 0.1 0.2% 90.1% 63.5 64.0 0.4 0.7% 90.1% 60.6 60.5 0.1 0.2% 90.1% 63.5 64.0 0.4 0.7% 90.1% 60.6 60.5 0.1 0.2% 90.1% 63.2 63.3 0.1 0.1 0.1% 92.6% 63.4 63.7 0.3 0.5% 92.6% 60.4 60.2 0.2 0.3% 95.5% 63.1 63.0 0.1 0.1% 95.5% 63.1 63.1 0.0 0.0% 95.5% 63.2 0.2 0.0 0.0% 95.5% 63.1 63.1 0.0 0.0% 95.5% 63.2 0.0 0.0 0.0% 95.5% 63.1 63.0 0.1 0.1% 95.5% 63.1 63.1 0.0 0.0% 95.5% 63.2 0.0 0.0 0.0% 95.5% 63.2 0.0 0.0 0.0% 95.5% 63.1 63.1 0.0 0.0% 95.5% 63.2 0.0 0.0 0.0% 95.5% 63.1 0.0 0.0 0.0% 95.5% 63.2 0.0 0.0 0.0% 95.5% 63.1 0.0 0.0 0.0% 95.5% 63.2 0.0 0.0 0.0% 95.5% 63.1 0.0 0.0 0.0% 95.5% 63.	75.3%	62.9	63.2	0.3	0.5%	75.3%	64.3	64.4	0.1	0.1%	75.3%	64.3	64.8	0.4	0.7%		61.5	61.6		0.2%
77.8% 62.9 63.1 0.2 0.3% 77.8% 64.2 64.1 0.1 0.2% 77.8% 64.3 64.7 0.4 0.6% 77.8% 61.2 61.4 0.1 0.2% 79.9% 62.9 63.0 0.1 0.2% 80.2% 64.1 64.0 0.1 -0.1% 80.2% 64.3 64.5 0.3 0.4% 80.2% 61.2 61.2 0.0 0.0% 81.5% 62.8 62.9 0.0 0.1% 81.5% 63.9 64.0 0.1 -0.1% 80.2% 64.3 64.5 0.3 0.4% 80.2% 61.2 61.2 61.2 0.1 0.1 0.1% 82.7% 62.2 64.5 0.3 0.4% 80.2% 62.5 62.7 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.2 64.2 64.4 0.3 0.4% 82.7% 61.0 61.1 0.1 0.1 0.2 64.2	76.5%	62.9	63.2	0.3	0.5%	76.5%	64.3		0.1	0.1%	76.5%	64.3	64.7	0.4		76.5%	61.4	61.5	0.1	0.1%
79.0% 62.9 63.0 0.1 0.2% 79.0% 64.2 64.0 -0.1 -0.2% 79.0% 64.3 64.5 0.3 0.4% 79.0% 61.2 61.2 0.0 0.0% 81.5% 62.8 62.9 0.0 0.1% 81.5% 63.9 64.0 0.1 0.1% 81.5% 61.0 61.1 0.1 0.0% 84.0% 62.8 0.1 0.1% 81.5% 63.9 64.0 0.0 0.0% 82.7% 64.2 64.4 0.3 0.4% 81.5% 61.0 61.1 0.1 0.1% 84.0% 62.6 62.6 62.7 0.1 0.2% 84.0% 63.9 63.8 -0.1 -0.2% 84.0% 61.0 61.0 61.0 0.1 0.1% 85.2% 63.9 64.4 0.4 0.7% 84.0% 61.0 61.0 0.1 0.1% 86.2% 63.9 64.3 0.4 0.7% 84.0% 61.0 0.1 0.1% 8	77.8%			0.2	0.3%	77.8%			-0.1	-0.2%	77.8%					77.8%			0.1	0.2%
81.5% 62.8 62.9 0.0 0.1% 81.5% 63.9 64.0 0.1 0.1% 81.5% 64.2 64.5 0.3 0.4% 81.5% 61.0 61.1 0.1 0.1% 82.7% 62.7 62.8 0.1 0.1% 82.7% 63.9 64.0 0.0 0.0% 82.7% 64.2 64.4 0.3 0.4% 82.7% 61.0 61.1 0.1 0.2% 84.0% 62.6 62.6 62.7 0.1 0.2% 84.0% 63.9 63.8 0.1 0.2% 84.0% 63.9 64.4 0.4 0.7% 84.0% 61.0 61.0 0.1 0.1% 85.2% 63.9 64.3 0.4 0.6% 85.2% 69.9 64.3 0.4 0.6% 85.2% 69.9 61.0 0.1 0.1% 86.4% 62.5 62.6 0.0 0.0% 85.2% 63.9 63.7 0.1 0.2% 86.4% 63.9 64.3 0.4 0.6% 85.2% 69.9 61.0 0.1 0.1% 87.7% 62.5 62.5 0.0 0.1% 87.7% 63.7 63.6 0.1 0.2% 87.7% 63.7 63.6 0.1 0.2% 87.7% 63.7 63.6 0.1 0.2% 88.9% 63.6 64.1 0.5 0.7% 88.5% 60.8 60.9 0.1 0.1% 89.9% 62.4 62.5 0.0 0.0% 90.1% 63.3 63.5 0.1 0.2% 88.9% 63.6 64.1 0.5 0.7% 88.5% 60.8 60.9 0.1 0.1% 90.1% 62.4 62.4 0.1 0.1% 63.3 63.5 0.1 0.2% 88.9% 63.6 64.1 0.5 0.7% 88.5% 60.6 60.5 0.1 0.2% 90.1% 63.5 64.0 0.4 0.7% 90.1% 60.6 60.5 0.1 0.2% 90.1% 63.5 64.0 0.4 0.7% 90.1% 60.6 60.5 0.1 0.2 0.3% 92.6% 62.2 0.2 0.0 0.1% 92.6% 63.1 63.0 0.1 0.1% 92.6% 63.4 63.7 0.3 0.5% 92.6% 60.4 60.2 0.2 0.3% 95.1% 63.0 63.1 0.1 0.2% 93.8% 63.0 63.1 0.2 0.3% 95.5% 63.0 0.0 0.5% 95.5% 60.0 0.5 59.7 0.2 0.4% 95.5% 63.1 63.0 0.1 0.1% 95.5% 63.1 63.0 0.1 0.1% 95.5% 63.1 63.1 0.0 0.0% 95.5% 60.0 0.5 59.7 0.2 0.4% 95.5% 63.1 63.1 0.0 0.0% 95.5% 60.0 0.0 0.0% 95.5% 62.7 62.9 0.2 0.4% 95.5% 63.1 63.1 0.0 0.0% 97.5% 63.1 0.0 0.0% 97.5% 63.1 63.0 0.1 0.1% 98.8% 63.0 63.1 0.1 0.1% 98.8% 63.0 63.1 0.1 0.1% 98.8% 63.0 63.1 0.1 0.1% 98.8% 63.0 63.1 0.1 0.1% 98.8% 63.0 63.1 0.1 0.1% 98.8% 63.0 63.1 0.1 0.1% 98.8% 63.0 63.1 0.1 0.1% 98.8% 63.0 63.1 0.1 0.1% 98.8% 63.0 63.1 0.1 0.1% 98.8% 63.0 63.1 0.1 0.1% 98.8% 63.0 63.1 0.1 0.1% 98.8% 63.0 63.1 0.1 0.1% 98.8% 63.0 63.1 0.1 0.1% 98.8% 63.0 63.1 0.1 0.1% 98.8% 63.0 63.1 0.1 0.1% 98.8% 63.0 63.1 0.1 0.1% 98.8% 63.0 63.1 0.1 0.1% 98.8% 63.0 63.1 0.1 0.1% 98.8% 63.0 63.1 0.1 0.1% 98.8% 63.0 0.0 0.0% 97.5% 63.1 0.0 0.0% 97.5% 63.1 0.0 0.0% 97.5% 63.1 0.0 0.0% 97.5% 63.1 0.0 0.0% 97.5% 63.1 0.0 0.0% 97.5% 63.1 0.0 0.0% 97.5% 63.1 0.0 0.0% 97.5% 63.1 0.0 0.0% 97.5% 63.1 0.0 0.0% 9	79.0%	62.9	63.0	0.1	0.2%	79.0%	64.2	64.0	-0.1	-0.2%	79.0%	64.3	64.5	0.3	0.4%	79.0%	61.2	61.2	0.0	0.0%
81.5% 62.8 62.9 0.0 0.1% 81.5% 63.9 64.0 0.1 0.1% 81.5% 64.2 64.5 0.3 0.4% 81.5% 61.0 61.1 0.1 0.1% 82.7% 62.7 62.8 0.1 0.1% 82.7% 63.9 64.0 0.0 0.0% 82.7% 64.2 64.4 0.3 0.4% 82.7% 61.0 61.1 0.1 0.2% 84.0% 62.6 62.6 62.7 0.1 0.2% 84.0% 63.9 63.8 0.1 0.2% 84.0% 63.9 64.4 0.4 0.7% 84.0% 61.0 61.0 0.1 0.1% 85.2% 63.9 64.3 0.4 0.6% 85.2% 69.9 64.3 0.4 0.6% 85.2% 69.9 61.0 0.1 0.1% 86.4% 62.5 62.6 0.0 0.0% 85.2% 63.9 63.7 0.1 0.2% 86.4% 63.9 64.3 0.4 0.6% 85.2% 69.9 61.0 0.1 0.1% 87.7% 62.5 62.5 0.0 0.1% 87.7% 63.7 63.6 0.1 0.2% 87.7% 63.7 63.6 0.1 0.2% 87.7% 63.7 63.6 0.1 0.2% 88.9% 63.6 64.1 0.5 0.7% 88.5% 60.8 60.9 0.1 0.1% 89.9% 62.4 62.5 0.0 0.0% 90.1% 63.3 63.5 0.1 0.2% 88.9% 63.6 64.1 0.5 0.7% 88.5% 60.8 60.9 0.1 0.1% 90.1% 62.4 62.4 0.1 0.1% 63.3 63.5 0.1 0.2% 88.9% 63.6 64.1 0.5 0.7% 88.5% 60.6 60.5 0.1 0.2% 90.1% 63.5 64.0 0.4 0.7% 90.1% 60.6 60.5 0.1 0.2% 90.1% 63.5 64.0 0.4 0.7% 90.1% 60.6 60.5 0.1 0.2 0.2% 90.1% 63.5 64.0 0.5 0.8% 91.4% 60.5 0.5 0.8% 91.4% 60.5 0.5 0.0 0.5 0.8% 91.4% 60.5 0.2 0.2 0.4% 92.6% 63.2 63.3 0.1 0.1% 92.6% 63.4 63.7 0.3 0.5% 92.6% 60.3 60.0 0.7 0.0 0.5% 95.1% 60.0 0.5 0.7% 90.5% 60.0 0.5 0.7% 90.5% 60.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	80.2%	62.8	63.0	0.1	0.2%	80.2%	64.1	64.0	-0.1	-0.1%	80.2%	64.3	64.5	0.3	0.4%	80.2%	61.2	61.2	0.0	0.0%
82.7% 62.7 62.8 0.1 0.1% 82.7% 63.9 64.0 0.0 0.0% 82.7% 64.2 64.4 0.3 0.4% 82.7% 61.0 61.1 0.1 0.2% 84.0% 62.6 62.7 0.1 0.2% 84.0% 63.9 63.8 0.1 0.2% 84.0% 63.9 64.3 0.4 0.6% 85.2% 60.9 61.0 0.1 0.1% 85.2% 62.6 0.0 0.0% 85.2% 63.9 63.7 0.1 0.2% 85.2% 63.9 64.3 0.4 0.6% 85.2% 60.9 61.0 0.1 0.1% 87.7% 62.5 62.6 0.0 0.0% 87.7% 63.7 63.7 0.1 0.2% 87.7% 63.7 64.1 0.4 0.7% 87.7% 60.8 60.9 0.1 0.1% 87.7% 63.7 63.6 0.1 0.2% 87.7% 63.7 64.1 0.4 0.7% 87.7% 60.8 60.9 0.1 0.1% 91.4% 62.4 62.4 0.0 0.0% 90.1% 63.3 63.4 0.2 0.2% 90.1% 63.5 64.0 0.4 0.7% 90.1% 60.6 60.5 0.1 0.2% 92.6% 62.2 0.2 0.0 0.1% 92.6% 63.2 63.3 0.1 0.1% 92.6% 63.4 63.7 0.3 0.5% 92.6% 60.4 60.2 0.2 0.2 0.3% 95.1% 62.0 62.0 62.2 0.1 0.2% 95.3% 62.0 62.0 62.2 0.1 0.2% 95.3% 63.1 63.0 0.1 0.1% 92.6% 63.4 63.7 0.3 0.5% 92.6% 60.4 60.2 0.2 0.3% 95.1% 63.0 0.1 0.2% 93.8% 62.0 62.0 62.2 0.1 0.2% 95.3% 63.1 63.0 0.1 0.1% 92.6% 63.4 63.7 0.3 0.5% 92.6% 60.4 60.2 0.2 0.3% 95.3% 62.0 62.0 62.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	81.5%		62.9	0.0	0.1%	81.5%			0.1	0.1%	81.5%	64.2		0.3	0.4%	81.5%		61.1	0.1	0.1%
84.0% 62.6 62.6 0.0 0.0% 84.0% 63.9 63.8 0.1 0.2% 84.0% 63.9 64.4 0.4 0.7% 84.0% 61.0 61.0 0.0 0.1% 85.2% 62.6 62.6 0.0 0.0% 85.2% 63.9 63.7 0.1 0.2% 85.2% 63.9 64.3 0.4 0.6% 85.2% 69.9 61.0 0.1 0.1% 86.4% 62.5 62.5 0.0 0.1% 87.7% 63.7 63.6 0.1 0.2% 88.2% 63.9 64.2 0.4 0.6% 86.4% 60.9 60.9 0.0 0.1% 88.9% 62.4 62.5 0.0 0.1% 88.7% 63.7 63.6 0.1 0.2% 88.9% 63.6 64.1 0.5 0.7% 88.9% 60.8 60.9 0.1 0.1% 88.9% 63.6 64.1 0.5 0.7% 88.9% 60.8 60.9 0.1 0.1% 91.1% 62.4 62.4 0.0 0.0% 90.1% 63.3 63.5 0.1 0.2% 88.9% 63.6 64.1 0.5 0.7% 88.9% 60.6 60.5 0.1 0.2% 91.1% 62.4 62.4 0.0 0.0% 90.1% 63.3 63.5 0.1 0.2% 91.4% 63.5 64.0 0.4 0.7% 90.1% 60.6 60.5 0.1 0.2% 92.6% 62.2 62.2 0.0 0.1% 92.6% 63.2 63.3 0.1 0.1 0.1% 92.6% 63.4 63.7 0.3 0.5% 91.4% 60.5 0.5 0.8% 91.4% 60.5 60.3 0.2 0.2% 91.4% 63.5 64.0 0.5 0.8% 91.4% 60.5 60.3 0.2 0.2 0.3% 95.5% 63.4 63.7 0.3 0.5% 92.6% 60.4 60.2 0.2 0.2 0.3% 95.5% 63.1 63.0 0.1 0.1% 95.5% 63.2 63.3 0.4 0.5 0.8% 93.8% 60.3 60.0 55.7 0.2 0.4% 95.5% 63.4 63.7 0.3 0.5% 92.6% 60.3 60.0 55.7 0.2 0.4% 95.5% 63.1 63.0 0.1 0.1% 95.5% 63.2 63.3 0.2 0.3% 95.5% 60.0 55.7 0.2 0.4% 95.5% 63.1 63.0 0.1 0.1% 95.5% 63.2 63.3 0.2 0.3% 95.5% 60.0 55.7 0.2 0.4% 95.5% 63.1 63.0 0.1 0.1% 95.5% 63.2 63.3 0.2 0.3% 95.5% 60.3 50.0 55.7 0.2 0.4% 95.5% 63.1 63.0 0.0 0.0 0.0% 97.5% 62.7 62.9 0.2 0.4% 95.3% 63.2 63.3 0.2 0.3% 95.5% 59.2 59.2 0.0 0.0% 95.5% 61.5 61.0 0.4 0.7% 98.8% 62.4 62.3 0.1 0.1% 98.8% 63.0 63.1 0.1 0.1% 98.8% 63.0 63.1 0.1 0.1% 98.8% 65.0 0.0 0.0% 97.5% 62.4 62.3 0.1 0.1% 98.8% 63.0 63.1 0.1 0.1% 98.8% 63.0 63.1 0.1 0.1% 98.8% 65.0 0.0 0.0% 97.5% 62.4 62.3 0.1 0.1% 98.8% 63.0 63.1 0.1 0.1% 98.8% 63.0 63.1 0.1 0.1% 98.8% 65.0 0.0 0.0% 97.5% 62.4 62.3 0.1 0.1% 98.8% 63.0 63.1 0.1 0.1% 98.8% 63.0 63.1 0.1 0.1% 98.8% 63.0 63.1 0.1 0.1% 98.8% 63.0 63.1 0.1 0.1% 98.8% 63.0 63.1 0.1 0.1% 98.8% 63.0 63.1 0.1 0.1% 98.8% 63.0 0.0 0.0% 97.5% 63.1 0.0 0.0% 97.5% 63.1 0.1 0.1% 98.8% 63.0 63.1 0.1 0.1% 98.8% 63.0 63.1 0.1 0.1% 98.8% 63.0 0.0 0.0 0.0% 97.5% 62.4 62.3 0.1 0.1 0.1% 98.8% 63.0 63.1 0.1 0.1 0.1% 98.8% 63.0 0.0			62.8		0.1%		63.9		0.0			64.2	64.4				61.0	61.1		
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88.9% 62.4 62.4 00.0 0.0% 88.9% 63.4 63.5 0.1 0.2% 88.9% 63.6 64.1 0.5 0.7% 88.9% 60.7 60.6 0.1 0.2% 90.1% 62.4 62.4 0.0 0.0% 90.1% 63.3 63.5 0.1 0.2% 90.1% 63.5 64.0 0.4 0.7% 90.1% 60.6 60.5 0.1 0.2% 91.4% 62.4 62.4 0.1 0.1% 91.4% 63.3 63.4 0.2 0.2% 91.4% 63.5 64.0 0.5 0.8% 91.4% 60.5 60.3 0.2 0.3% 92.6% 62.2 62.2 0.0 0.1% 92.6% 63.2 63.3 0.1 0.1% 92.6% 63.4 63.7 0.3 0.5% 92.6% 60.4 60.2 0.2 0.3% 93.8% 62.0 62.2 0.1 0.2% 93.8% 63.1 63.0 0.1 0.1% 92.6% 63.4 63.7 0.3 0.5% 92.6% 60.4 60.2 0.2 0.3% 95.1% 62.0 61.8 0.2 0.4% 95.1% 63.1 63.0 0.1 0.1% 95.1% 63.2 63.6 0.4 0.6% 93.8% 60.3 60.0 95.7 0.2 0.4% 96.5% 62.7 62.9 0.2 0.4% 96.3% 63.2 63.3 0.2 0.3% 96.3% 95.5% 60.3 96.3% 59.7 95.8 62.7 62.9 0.2 0.4% 95.3% 63.1 63.1 0.0 0.0% 97.5% 59.7 95.8 0.0 0.1% 97.5% 63.1 63.1 0.0 0.0% 97.5% 59.2 59.2 0.0 0.0% 97.5% 62.1 0.4 0.7% 98.8% 61.5 61.0 0.4 0.7% 98.8% 62.4 62.3 0.1 0.1 0.1% 98.8% 63.0 63.1 0.1 0.1% 98.8% 59.0 59.0 0.0 0.0%										-0.2%										
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100.0% 60.6 60.8 0.2 0.4% 100.0% 62.0 61.8 -0.2 -0.3% 100.0% 62.8 63.0 0.2 0.3% 100.0% 59.0 58.5 -0.5 -0.9%																				
	100.0%	60.6	60.8	0.2	0.4%	100.0%	62.0	61.8	-0.2	-0.3%	100.0%	62.8	63.0	0.2	0.3%	100.0%	59.0	58.5	-0.5	-0.9%

Table SQ-11-9a
Sacramento River at Knights Landing, Monthly Temperature
Long-term Average and Average by Water Year Type

						/ Water Ye thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
•				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	58.3	51.1	45.2	44.4	47.2	51.9	57.7	63.7	67.6	70.3	70.1	65.7
Alternative D	58.1	51.0	45.2	44.4	47.2	52.0	57.9	63.8	67.4	69.8	69.8	65.4
Difference	-0.2	-0.1	0.1	0.1	0.1	0.2	0.2	0.1	-0.2	-0.5	-0.3	-0.3
Percent Difference ³	-0.3%	-0.2%	0.1%	0.2%	0.1%	0.3%	0.3%	0.2%	-0.3%	-0.7%	-0.4%	-0.4%
				Water Y	ear Types	2						
Wet (32%)												
No Action Alternative	57.6	51.3	45.2	44.7	46.8	50.6	55.4	62.5	67.1	70.7	70.0	63.5
Alternative D	57.4	51.2	45.3	44.7	46.8	50.7	55.5	62.5	66.8	70.3	70.2	63.3
Difference	-0.2	-0.1	0.1	0.0	0.0	0.1	0.1	0.0	-0.3	-0.4	0.1	-0.1
Percent Difference	-0.3%	-0.2%	0.3%	0.1%	0.1%	0.2%	0.2%	0.0%	-0.4%	-0.6%	0.2%	-0.29
Above Normal (15%)												
No Action Alternative	58.0	50.7	45.5	44.8	47.0	51.7	57.6	64.4	67.9	69.8	70.1	65.4
Alternative D	57.9	50.7	45.6	44.8	47.1	51.8	57.8	64.4	67.8	69.0	69.9	65.3
Difference	-0.1	0.0	0.1	0.1	0.1	0.2	0.3	0.1	-0.1	-0.8	-0.2	-0.1
Percent Difference	-0.2%	0.0%	0.3%	0.2%	0.1%	0.3%	0.4%	0.1%	-0.2%	-1.2%	-0.2%	-0.2%
Below Normal (17%)												
No Action Alternative	57.7	51.0	45.3	44.2	46.7	51.9	58.6	64.2	67.7	70.1	69.8	66.5
Alternative D	57.5	50.9	45.3	44.2	46.7	52.2	58.9	64.5	67.5	69.4	69.5	66.1
Difference	-0.3	-0.1	0.0	0.1	0.1	0.3	0.3	0.2	-0.2	-0.7	-0.3	-0.4
Percent Difference	-0.5%	-0.1%	0.0%	0.1%	0.1%	0.5%	0.5%	0.4%	-0.2%	-1.1%	-0.4%	-0.6%
Dry (22%)												
No Action Alternative	58.6	51.4	45.2	44.0	47.4	52.6	59.4	64.2	68.2	69.9	69.7	67.0
Alternative D	58.5	51.3	45.2	44.1	47.5	52.8	59.6	64.3	68.0	69.5	69.3	66.6
Difference	-0.1	-0.1	0.0	0.1	0.0	0.2	0.2	0.1	-0.1	-0.4	-0.5	-0.3
Percent Difference	-0.2%	-0.2%	-0.1%	0.3%	0.1%	0.3%	0.4%	0.1%	-0.2%	-0.6%	-0.7%	-0.5%
Critical (15%)												
No Action Alternative	60.1	50.9	44.7	44.1	48.4	53.6	59.3	64.4	67.5	70.7	71.1	67.8
Alternative D	60.0	50.8	44.7	44.2	48.5	53.7	59.5	64.8	67.3	70.4	69.9	67.3
Difference	-0.2	-0.1	0.0	0.1	0.1	0.1	0.2	0.4	-0.2	-0.3	-1.2	-0.5
Percent Difference	-0.3%	-0.3%	0.0%	0.3%	0.2%	0.2%	0.4%	0.6%	-0.3%	-0.4%	-1.6%	-0.89

1 Based on the 82-year simulation period

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



Figure SQ-11-9b Sacramento River at Knights Landing, Monthly Temperature Probability of Exceedance

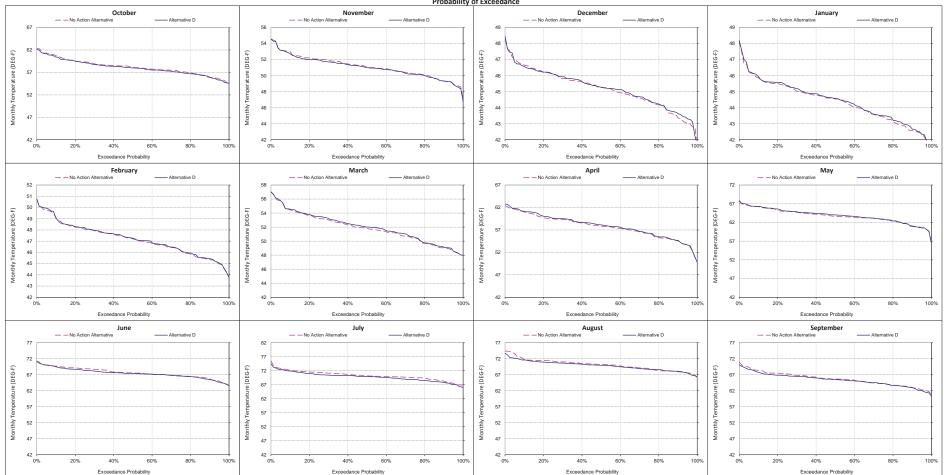


Table SQ-11-9b
Sacramento River at Knights Landing, Monthly Temperature
Probability of Exceedance

		October					November					December					January		
Percent	No Action Alternative	Alternative D	Absolute	Relative	Percent	No Action Alternative	Alternative D	Absolute	Relative	Percent	No Action Alternative	Alternative D	Absolute	Relative	Percent	No Action Alternative	Alternative D	Absolute	Relative
Exceedance Probability		Monthly Temperature	Difference	Difference (%)	Exceedance Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Exceedance Probability	Monthly Temperature	Monthly Temperature	 Difference 	Difference (%)	Exceedance Probability		Monthly Temperature	Difference	Difference (%)
	(DEG-F)	(DEG-F)	(DEG-F)	Difference (%)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (%)	(%)	(DEG-F)	(DEG-E)	(DEG-F)	Difference (%)	(%)	(DFG-F)	(DEG-F)	(DEG-F)	Difference (%)
0.0%	62.3	62.2	-0.2	-0.2%	0.0%	(DEG-F) 54.6	(DEG-F) 54.6	0.0	0.0%	0.0%	48.3	48.5	0.2	0.4%	0.0%	48.1	48.2	0.1	0.1%
1.2%	62.3	62.0	-0.4	-0.6%	1.2%	54.5	54.3	-0.2	-0.3%	1.2%	47.7	47.7	0.0	0.0%	1.2%	47.5	47.6	0.1	0.1%
2.5%	61.7	61.4	-0.4	-0.6%	2.5%	54.3	54.3	0.0	0.0%	2.5%	47.5	47.4	-0.1	-0.2%	2.5%	46.8	47.0	0.1	0.5%
3.7%	61.3	61.2	-0.1	-0.1%	3.7%	53.5	53.4	0.0	0.0%	3.7%	47.2	47.4	0.3	0.6%	3.7%	46.7	46.8	0.1	0.3%
4.9%	61.3	61.2	-0.1	-0.2%	4.9%	53.2	53.1	-0.1	-0.1%	4.9%	47.0	46.9	-0.2	-0.4%	4.9%	46.2	46.3	0.0	0.0%
6.2%	61.2	60.9	-0.3	-0.5%	6.2%	53.1	53.1	0.0	0.0%	6.2%	46.9	46.7	-0.2	-0.3%	6.2%	46.1	46.2	0.1	0.1%
7.4%	61.0	60.9	-0.1	-0.2%	7.4%	53.1	53.0	-0.1	-0.1%	7.4%	46.8	46.7	-0.1	-0.1%	7.4%	46.1	46.1	0.0	0.0%
8.6%	61.0	60.7	-0.3	-0.5%	8.6%	53.0	52.9	-0.1	-0.3%	8.6%	46.7	46.6	-0.1	-0.2%	8.6%	45.9	46.1	0.2	0.4%
9.9%	60.7	60.4	-0.3	-0.5%	9.9%	53.0	52.7	-0.3	-0.5%	9.9%	46.7	46.6	-0.1	-0.2%	9.9%	45.9	46.0	0.1	0.2%
11.1%	60.5	60.4	-0.2	-0.3%	11.1%	52.6	52.5	-0.1	-0.1%	11.1%	46.6	46.5	-0.1	-0.3%	11.1%	45.7	45.8	0.0	0.1%
12.3%	60.4	60.0	-0.4	-0.7%	12.3%	52.5	52.4	0.0	-0.1%	12.3%	46.6	46.4	-0.1	-0.3%	12.3%	45.7	45.7	0.0	0.0%
13.6%	60.1	59.9	-0.2	-0.4%	13.6%	52.5	52.3	-0.2	-0.4%	13.6%	46.5	46.4	0.0	-0.1%	13.6%	45.6	45.6	0.0	0.1%
14.8%	60.0	59.8	-0.1	-0.2%	14.8%	52.4	52.2	-0.2	-0.4%	14.8%	46.5	46.4	0.0	-0.1%	14.8%	45.6	45.6	0.0	0.1%
16.0%	59.8	59.8	-0.1	-0.1%	16.0%	52.4	52.1	-0.2	-0.5%	16.0%	46.4	46.3	-0.1	-0.2%	16.0%	45.5	45.6	0.1	0.1%
17.3%	59.8	59.7	0.0	0.0%	17.3%	52.2	52.1	-0.2	-0.3%	17.3%	46.3	46.3	0.0	-0.1%	17.3%	45.5	45.6	0.1	0.2%
18.5%	59.7	59.7	0.0	0.0%	18.5%	52.2	52.0	-0.2	-0.4%	18.5%	46.3	46.3	-0.1	-0.1%	18.5%	45.5	45.6	0.1	0.2%
19.8%	59.4	59.6	0.1	0.2%	19.8%	52.2	52.0	-0.2	-0.4%	19.8%	46.2	46.2	0.0	0.0%	19.8%	45.5	45.6	0.1	0.2%
21.0%	59.4	59.4	0.0	0.0%	21.0%	52.2	52.0	-0.2	-0.3%	21.0%	46.2	46.2	0.0	0.1%	21.0%	45.5	45.6	0.1	0.2%
22.2%	59.4	59.4	0.0	0.0%	22.2%	52.1	52.0	-0.1	-0.2%	22.2%	46.2	46.2	0.0	0.1%	22.2%	45.4	45.6	0.1	0.3%
23.5%	59.3	59.2	-0.1	-0.2%	23.5%	52.1	52.0	-0.1	-0.2%	23.5%	46.1	46.2	0.0	0.1%	23.5%	45.4	45.5	0.1	0.2%
24.7%	59.3	59.2	-0.1	-0.2%	24.7%	52.1	52.0	-0.1	-0.2%	24.7%	46.1	46.1	0.0	0.0%	24.7%	45.4	45.3	0.0	-0.1%
25.9%	59.3	59.1	-0.2	-0.3%	25.9%	52.0	51.9	-0.1	-0.3%	25.9%	46.1	46.1	0.0	0.0%	25.9%	45.4	45.3	-0.1	-0.1%
27.2%	59.2	59.1	-0.2	-0.3%	27.2%	52.0	51.8	-0.3	-0.5%	27.2%	46.0	46.0	0.0	0.0%	27.2%	45.2	45.3	0.0	0.0%
28.4%	59.2	58.9	-0.3	-0.5%	28.4%	52.0	51.8	-0.3	-0.5%	28.4%	45.8	45.9	0.1	0.2%	28.4%	45.2	45.2	0.1	0.1%
29.6%	59.0	58.8	-0.2	-0.3%	29.6%	52.0	51.7	-0.3	-0.5%	29.6%	45.8	45.9	0.1	0.2%	29.6%	45.0	45.2	0.1	0.3%
30.9%	58.8	58.7	-0.1	-0.2%	30.9%	51.8	51.7	-0.2	-0.3%	30.9%	45.8	45.9	0.1	0.2%	30.9%	45.0	45.2	0.2	0.4%
32.1%	58.8	58.7	-0.1	-0.2%	32.1%	51.8	51.7	-0.1	-0.3%	32.1%	45.8	45.8	0.0	0.0%	32.1%	45.0	45.0	0.1	0.1%
33.3%	58.8	58.6	-0.2	-0.3%	33.3%	51.8	51.6	-0.1	-0.3%	33.3%	45.7	45.8	0.1	0.2%	33.3%	44.9	45.0	0.1	0.1%
34.6%	58.7	58.6	-0.1	-0.2%	34.6%	51.8	51.5	-0.2	-0.5%	34.6%	45.7	45.8	0.1	0.2%	34.6%	44.9	44.9	0.0	0.0%
35.8% 37.0%	58.6 58.6	58.4 58.4	-0.2 -0.2	-0.3%	35.8% 37.0%	51.8	51.5	-0.3 0.0	-0.5% 0.0%	35.8% 37.0%	45.7 45.7	45.8 45.8	0.1	0.2%	35.8% 37.0%	44.9 44.8	44.9 44.9	0.0	0.0%
				-0.3%		51.5	51.5							0.2%				0.0	0.1%
38.3%	58.6	58.4	-0.2	-0.3%	38.3%	51.5	51.5	0.0	0.0%	38.3%	45.7	45.7	0.1	0.2%	38.3%	44.8	44.9	0.1	0.1%
39.5%	58.6	58.4	-0.2	-0.3%	39.5%	51.5	51.4	-0.1	-0.3%	39.5%	45.6	45.7	0.0	0.1%	39.5%	44.8	44.9	0.1	0.2%
40.7% 42.0%	58.5 58.5	58.4 58.3	-0.2 -0.2	-0.3% -0.3%	40.7% 42.0%	51.4 51.4	51.3 51.3	-0.1 -0.1	-0.2% -0.2%	40.7% 42.0%	45.6 45.5	45.6 45.5	0.0	0.0% -0.1%	40.7% 42.0%	44.8 44.7	44.9 44.8	0.1	0.2%
43.2%	58.5 58.5	58.3 58.3	-0.2			51.4 51.3	51.3 51.3		-0.2%	43.2%		45.5 45.5	-0.1		43.2%	44.7 44.7	44.8 44.7	0.0	
44.4%	58.4	58.2	-0.2	-0.3% -0.4%	43.2% 44.4%	51.3	51.2	-0.1 -0.1	-0.2%	44.4%	45.5 45.5	45.5	0.0	-0.2% 0.0%	44.4%	44.7	44.7	0.0	0.0%
45.7%	58.4	58.2	-0.2	-0.5%	45.7%	51.2	51.2	0.0	-0.1%	45.7%	45.4 45.4	45.4	-0.1	-0.1%	45.7%	44.7	44.7	0.0	0.1%
46.9%	58.4	58.1	-0.4	-0.5%	46.9%	51.2	51.2	-0.1	-0.1%	46.9%	45.4	45.4	0.0	-0.1%	46.9%	44.6	44.6	0.0	0.1%
48.1%	58.3	58.1	-0.4	-0.4%	48.1%	51.2	51.1	-0.1	-0.2%	48.1%	45.3	45.3	0.0	0.1%	48.1%	44.6	44.6	0.0	0.1%
49.4%	58.3	58.0	-0.3	-0.5%	49.4%	51.1	51.0	-0.1	-0.2%	49.4%	45.3	45.3	0.0	0.1%	49.4%	44.6	44.6	0.0	0.0%
50.6%	58.1	58.0	-0.1	-0.2%	50.6%	51.0	51.0	-0.1	-0.1%	50.6%	45.3	45.3	0.0	0.0%	50.6%	44.5	44.6	0.0	0.1%
51.9%	58.1	58.0	-0.1	-0.2%	51.9%	51.0	50.9	-0.1	-0.1%	51.9%	45.2	45.3	0.0	0.1%	51.9%	44.5	44.5	0.0	0.0%
53.1%	58.1	57.9	-0.1	-0.2%	53.1%	51.0	50.9	-0.1	-0.1%	53.1%	45.2	45.2	0.0	0.0%	53.1%	44.5	44.4	-0.1	-0.2%
54.3%	57.9	57.9	0.0	-0.1%	54.3%	51.0	50.9	-0.1	-0.1%	54.3%	45.2	45.2	0.0	0.0%	54.3%	44.4	44.4	0.0	0.1%
55.6%	57.9	57.9	0.0	0.0%	55.6%	50.9	50.9	0.0	0.0%	55.6%	45.1	45.2	0.1	0.2%	55.6%	44.3	44.4	0.1	0.2%
56.8%	57.9	57.7	-0.2	-0.4%	56.8%	50.9	50.9	0.0	0.0%	56.8%	45.0	45.2	0.1	0.3%	56.8%	44.2	44.4	0.1	0.3%
58.0%	57.9	57.6	-0.3	-0.4%	58.0%	50.9	50.8	-0.1	-0.2%	58.0%	45.0	45.1	0.2	0.4%	58.0%	44.1	44.3	0.1	0.3%
59.3%	57.7	57.6	-0.2	-0.3%	59.3%	50.9	50.8	-0.1	-0.2%	59.3%	44.9	45.1	0.2	0.4%	59.3%	44.0	44.2	0.2	0.5%
60.5%	57.7	57.5	-0.2	-0.3%	60.5%	50.9	50.8	-0.1	-0.2%	60.5%	44.9	45.1	0.2	0.5%	60.5%	44.0	44.1	0.1	0.3%
61.7%	57.7	57.5	-0.1	-0.2%	61.7%	50.7	50.7	0.0	0.0%	61.7%	44.9	45.1	0.2	0.4%	61.7%	44.0	44.1	0.1	0.2%
63.0%	57.6	57.5	-0.1	-0.2%	63.0%	50.7	50.7	0.0	0.0%	63.0%	44.8	44.9	0.1	0.2%	63.0%	44.0	44.0	0.1	0.2%
64.2%	57.6	57.5	-0.1	-0.2%	64.2%	50.6	50.6	0.0	-0.1%	64.2%	44.8	44.9	0.1	0.2%	64.2%	43.9	43.9	0.0	0.0%
65.4%	57.6	57.4	-0.1	-0.3%	65.4%	50.5	50.6	0.1	0.1%	65.4%	44.7	44.8	0.1	0.3%	65.4%	43.8	43.8	0.0	0.0%
66.7%	57.6	57.4	-0.2	-0.3%	66.7%	50.5	50.5	0.0	0.0%	66.7%	44.7	44.7	0.0	0.1%	66.7%	43.8	43.8	0.0	0.0%
67.9%	57.5	57.3	-0.2	-0.3%	67.9%	50.5	50.5	0.0	0.0%	67.9%	44.7	44.7	0.0	0.0%	67.9%	43.6	43.8	0.1	0.3%
69.1%	57.5	57.3	-0.2	-0.4%	69.1%	50.4	50.4	-0.1	-0.1%	69.1%	44.6	44.7	0.1	0.3%	69.1%	43.6	43.6	0.0	0.1%
70.4%	57.5	57.2	-0.3	-0.5%	70.4%	50.4	50.3	-0.2	-0.3%	70.4%	44.6	44.7	0.1	0.2%	70.4%	43.6	43.6	0.0	0.0%
71.6%	57.5	57.1	-0.3	-0.6%	71.6%	50.4	50.2	-0.2	-0.4%	71.6%	44.6	44.7	0.1	0.2%	71.6%	43.5	43.6	0.1	0.1%
72.8%	57.4	57.1	-0.3	-0.6%	72.8%	50.3	50.2	-0.1	-0.1%	72.8%	44.4	44.5	0.1	0.2%	72.8%	43.5	43.5	0.0	0.1%
74.1%	57.2	57.0	-0.1	-0.2%	74.1%	50.2	50.2	-0.1	-0.1%	74.1%	44.4	44.5	0.1	0.1%	74.1%	43.4	43.5	0.1	0.2%
75.3%	57.2	57.0	-0.1	-0.2%	75.3%	50.2	50.2	-0.1	-0.2%	75.3%	44.4	44.4	0.0	0.1%	75.3%	43.4	43.5	0.1	0.2%
76.5%	57.1	56.8	-0.3	-0.6%	76.5%	50.2	50.2	-0.1	-0.1%	76.5%	44.3	44.3	0.0	0.0%	76.5%	43.3	43.5	0.2	0.4%
77.8%	57.1	56.8	-0.2	-0.4%	77.8%	50.2	50.1	0.0	-0.1%	77.8%	44.2	44.3	0.1	0.1%	77.8%	43.3	43.4	0.2	0.4%
79.0%	57.0	56.7	-0.2	-0.4%	79.0%	50.1	50.1 50.0	0.0	-0.1%	79.0%	44.2	44.3	0.1	0.2%	79.0%	43.3	43.4	0.2	0.3%
80.2%	56.9	56.7	-0.2	-0.4%	80.2%	50.1	50.0 49.9	-0.1	-0.2%	80.2%	44.2	44.2	0.0	0.1%	80.2%	43.1	43.2	0.1	0.2%
81.5% 82.7%	56.8 56.7	56.7 56.6	-0.1	-0.2% -0.2%	81.5% 82.7%	50.0 49.9	49.9 49.8	-0.1 -0.1	-0.3% -0.3%	81.5% 82.7%	44.2 44.1	44.1 44.1	0.0	0.0%	81.5% 82.7%	43.0 43.0	43.2 43.1	0.2	0.4%
82.7% 84.0%	56.7 56.6	56.6 56.5	-0.1 -0.1	-0.2% -0.2%	82.7% 84.0%	49.9 49.7	49.8 49.8	-0.1		82.7% 84.0%	44.1 43.9	44.1 43.9	0.1	0.1%	82.7% 84.0%	43.0 42.9	43.1 43.1	0.2	
84.0% 85.2%		56.4	-0.1	-0.2%	84.0% 85.2%		49.8 49.6		0.2% -0.1%	84.0% 85.2%				0.0%	84.0% 85.2%	42.9 42.9	43.1		0.4%
85.2% 86.4%	56.5 56.4	56.4 56.3		-0.1%	85.2% 86.4%	49.7 49.6	49.6 49.6	0.0		85.2% 86.4%	43.7 43.7	43.8 43.8	0.2	0.4%	85.2% 86.4%	42.9 42.8	43.0	0.1	
86.4% 87.7%	56.4 56.3	56.3	-0.1 0.0	-0.2%	86.4% 87.7%	49.6 49.4	49.6 49.4	0.0	-0.1% 0.0%	85.4% 87.7%	43.7	43.8	0.1	0.3%	86.4%	42.8 42.6	42.9 42.9	0.1	0.3%
88.9%	56.0	56.2	0.0	0.1%	88.9%	49.4	49.4	0.0	0.0%	88.9%	43.6	43.7	0.2	0.4%	88.9%	42.6	42.9	0.3	0.6%
90.1%	55.9	55.9	0.2	0.0%	90.1%	49.4	49.4	0.0	0.0%	90.1%	43.3	43.6	0.2	0.6%	90.1%	42.6	42.7	0.3	0.6%
91.4%	55.8	55.7	-0.1	-0.2%	91.4%	49.3	49.3	0.0	0.0%	91.4%	43.3	43.6	0.3	0.6%	91.4%	42.5	42.7	0.1	0.2%
92.6%	55.8	55.7	-0.1	-0.2%	92.6%	49.2	49.3	0.0	0.1%	92.6%	43.2	43.4	0.3	0.6%	92.6%	42.5	42.5	0.0	0.1%
93.8%	55.7	55.4	-0.1	-0.6%	93.8%	49.2	49.2	0.0	0.0%	93.8%	43.1	43.4	0.3	0.8%	93.8%	42.4	42.5	0.1	0.1%
95.1%	55.5	55.3	-0.2	-0.4%	95.1%	48.9	48.9	-0.1	-0.1%	95.1%	43.0	43.3	0.3	0.7%	95.1%	42.4	42.3	-0.1	-0.2%
96.3%	55.5	55.2	-0.2	-0.5%	96.3%	48.8	48.7	-0.1	-0.1%	96.3%	43.0	43.3	0.3	0.7%	96.3%	42.2	42.3	0.1	0.3%
97.5%	55.2	54.8	-0.4	-0.7%	97.5%	48.7	48.5	-0.2	-0.3%	97.5%	42.8	43.1	0.3	0.8%	97.5%	41.9	41.9	0.0	0.0%
98.8%	54.7	54.7	0.0	0.0%	98.8%	48.6	48.4	-0.2	-0.5%	98.8%	42.8	42.3	-0.5	-1.2%	98.8%	41.3	41.7	0.3	0.8%
100.0%	54.7	54.6	0.0	-0.2%	100.0%	47.1	46.7	-0.3	-0.7%	100.0%	41.5	41.6	0.1	0.1%	100.0%	41.3	41.3	0.0	0.0%
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Table SQ-11-9b
Sacramento River at Knights Landing, Monthly Temperature
Probability of Exceedance

April

May

March

February

Percent		rebluary			Percent		warcn			Percent		Aprii			Percent		May		
Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)				(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	50.7	50.8	0.0	0.0%	0.0%	57.0	57.0	0.0	0.0%	0.0%	62.4	62.8	0.4	0.6%	0.0%	67.7	67.8	0.1	0.2%
1.2%	50.1	50.1	-0.1	-0.1%	1.2%	56.7	56.7	0.0	0.0%	1.2%	62.2	62.7	0.5	0.8%	1.2%	67.1	67.1	0.1	0.1%
2.5%	50.0	50.0	0.0	0.1%	2.5%	56.1	56.2	0.1	0.2%	2.5%	61.8	62.3	0.5	0.7%	2.5%	66.8	67.0	0.2	0.4%
3.7% 4.9%	49.8 49.8	50.0 49.9	0.2	0.3%	3.7% 4.9%	55.8	56.0 55.8	0.2	0.4%	3.7%	61.7	61.8	0.1	0.1%	3.7%	66.7 66.6	66.9 66.6	0.2	0.4%
				0.3%		55.8					61.6	61.8							
6.2% 7.4%	49.7 49.6	49.9 49.7	0.1	0.3%	6.2% 7.4%	55.4 54.7	55.5 54.6	0.1 -0.1	0.1%	6.2% 7.4%	61.5 61.2	61.7 61.5	0.3	0.4%	6.2% 7.4%	66.3 66.3	66.4 66.4	0.1	0.1%
8.6%	49.5	49.7	0.0	0.1%	8.6%	54.6	54.6	0.0	0.1%	8.6%	61.2	61.2	0.0	-0.1%	8.6%	66.3	66.3	0.0	0.1%
9.9%	49.1	49.1	0.0	-0.1%	9.9%	54.4	54.6	0.1	0.3%	9.9%	61.0	61.2	0.2	0.3%	9.9%	66.3	66.3	0.0	0.1%
11.1%	48.7	48.8	0.1	0.2%	11.1%	54.4	54.5	0.1	0.1%	11.1%	60.9	61.1	0.2	0.3%	11.1%	66.1	66.3	0.2	0.3%
12.3%	48.6	48.8	0.2	0.3%	12.3%	54.2	54.5	0.3	0.5%	12.3%	60.7	61.0	0.3	0.5%	12.3%	66.1	65.9	-0.1	-0.2%
13.6%	48.5	48.6	0.0	0.1%	13.6%	54.1	54.2	0.1	0.1%	13.6%	60.7	61.0	0.3	0.6%	13.6%	66.0	65.9	-0.2	-0.2%
14.8%	48.5	48.5	0.0	0.1%	14.8%	54.0	54.2	0.2	0.3%	14.8%	60.5	60.9	0.4	0.6%	14.8%	65.8	65.9	0.0	0.0%
16.0%	48.5	48.5	0.0	-0.1%	16.0%	54.0	54.0	0.0	0.0%	16.0%	60.5	60.8	0.3	0.6%	16.0%	65.7	65.8	0.1	0.2%
17.3%	48.3	48.4	0.1	0.2%	17.3%	53.9	54.0	0.1	0.2%	17.3%	59.9	60.6	0.7	1.1%	17.3%	65.7	65.8	0.1	0.2%
18.5%	48.3	48.4	0.1	0.2%	18.5%	53.8	53.9	0.1	0.2%	18.5%	59.9	60.3	0.3	0.6%	18.5%	65.6	65.6	0.0	0.0%
19.8%	48.3	48.3	-0.1	-0.2%	19.8%	53.6	53.8	0.2	0.4%	19.8%	59.7	60.1	0.4	0.6%	19.8%	65.3	65.6	0.3	0.5%
21.0%	48.3	48.3	0.0	-0.1%	21.0%	53.6	53.7	0.1	0.1%	21.0%	59.7	60.0	0.3	0.6%	21.0%	65.1	65.5	0.4	0.6%
22.2%	48.2 48.1	48.2 48.2	0.0	0.0%	22.2%	53.5	53.6	0.1	0.2% 0.5%	22.2% 23.5%	59.5	60.0	0.4 0.3	0.7%	22.2%	65.0 65.0	65.2	0.2	0.2%
23.5% 24.7%	48.1	48.2	0.1	0.2%	23.5% 24.7%	53.3 53.2	53.5 53.5	0.3	0.5%	24.7%	59.5 59.5	59.8 59.6	0.3	0.5%	23.5% 24.7%	65.0	65.1 65.0	0.1	0.2%
25.9%	48.1 48.1	48.2 48.1	0.1	0.3%	25.9%	53.2	53.5 53.5	0.3	0.6%	24.7% 25.9%	59.5 59.4	59.6 59.6	0.1	0.2%	25.9%	65.0	65.0	0.0	0.1%
27.2%	48.0	48.1	0.0	0.0%	27.2%	53.2	53.4	0.3	0.5%	27.2%	59.4	59.5	0.1	0.3%	27.2%	64.9	64.9	0.0	0.0%
28.4%	48.0	48.0	0.0	0.1%	28.4%	53.1	53.4	0.2	0.5%	28.4%	59.4	59.5	0.1	0.2%	28.4%	64.9	64.9	0.0	0.0%
29.6%	48.0	48.0	0.0	0.0%	29.6%	53.1	53.3	0.2	0.4%	29.6%	59.4	59.5	0.1	0.2%	29.6%	64.7	64.9	0.2	0.3%
30.9%	47.9	48.0	0.1	0.1%	30.9%	52.9	53.1	0.2	0.4%	30.9%	59.3	59.5	0.2	0.3%	30.9%	64.7	64.7	0.1	0.1%
32.1%	47.8	47.9	0.1	0.1%	32.1%	52.9	53.0	0.2	0.3%	32.1%	59.3	59.4	0.2	0.3%	32.1%	64.5	64.7	0.2	0.4%
33.3%	47.8	47.9	0.1	0.2%	33.3%	52.7	53.0	0.3	0.5%	33.3%	59.2	59.4	0.2	0.3%	33.3%	64.5	64.7	0.2	0.4%
34.6%	47.8	47.8	0.0	0.0%	34.6%	52.7	52.9	0.2	0.4%	34.6%	59.1	59.3	0.2	0.3%	34.6%	64.4	64.7	0.2	0.4%
35.8%	47.7	47.7	0.0	0.0%	35.8%	52.7	52.8	0.1	0.2%	35.8%	58.7	58.9	0.2	0.4%	35.8%	64.4	64.6	0.2	0.3%
37.0%	47.7	47.7	0.0	0.0%	37.0%	52.6	52.7	0.1	0.2%	37.0%	58.7	58.8	0.2	0.3%	37.0%	64.3	64.5	0.3	0.4%
38.3%	47.7	47.7	0.0	0.1%	38.3%	52.5	52.7	0.2	0.4%	38.3%	58.6	58.7	0.1	0.2%	38.3%	64.3	64.5	0.3	0.4%
39.5%	47.7	47.7	0.0	0.0%	39.5%	52.3	52.5	0.2	0.3%	39.5%	58.6	58.7	0.1	0.2%	39.5%	64.2	64.4	0.2	0.3%
40.7% 42.0%	47.6 47.5	47.6 47.6	0.0 0.1	0.1% 0.2%	40.7% 42.0%	52.3 52.3	52.5 52.4	0.2	0.3%	40.7% 42.0%	58.5 58.4	58.7 58.6	0.1 0.2	0.2%	40.7% 42.0%	64.1 64.1	64.4 64.4	0.2	0.3%
42.0%	47.5 47.5	47.6 47.6	0.1	0.2%	43.2%	52.3 52.0	52.4 52.3	0.1	0.6%	43.2%	58.4 58.2	58.6	0.2	0.6%	43.2%	64.1	64.3	0.2	0.4%
44.4%	47.5	47.5	0.0	0.0%	44.4%	52.0	52.3	0.3	0.6%	44.4%	58.1	58.6	0.3	0.8%	44.4%	64.0	64.3	0.3	0.5%
45.7%	47.4	47.4	0.0	-0.1%	45.7%	52.0	52.3	0.3	0.6%	45.7%	58.1	58.4	0.4	0.6%	45.7%	63.9	64.2	0.3	0.5%
46.9%	47.3	47.3	0.0	0.1%	46.9%	52.0	52.2	0.2	0.4%	46.9%	58.1	58.3	0.3	0.5%	46.9%	63.8	64.1	0.2	0.4%
48.1%	47.3	47.3	0.0	0.1%	48.1%	51.9	52.1	0.2	0.4%	48.1%	58.0	58.1	0.2	0.3%	48.1%	63.7	64.1	0.4	0.6%
49.4%	47.2	47.3	0.0	0.1%	49.4%	51.9	52.0	0.1	0.3%	49.4%	57.8	58.1	0.3	0.5%	49.4%	63.7	64.0	0.4	0.6%
50.6%	47.2	47.2	0.1	0.2%	50.6%	51.8	52.0	0.2	0.5%	50.6%	57.8	58.1	0.3	0.5%	50.6%	63.6	64.0	0.4	0.6%
51.9%	47.2	47.1	0.0	-0.1%	51.9%	51.7	52.0	0.3	0.5%	51.9%	57.8	58.0	0.2	0.3%	51.9%	63.6	64.0	0.4	0.6%
53.1%	47.0	47.1	0.1	0.1%	53.1%	51.7	52.0	0.3	0.5%	53.1%	57.8	57.9	0.1	0.2%	53.1%	63.6	63.9	0.4	0.6%
54.3%	47.0	47.1	0.1	0.2%	54.3%	51.7	52.0	0.3	0.6%	54.3%	57.7	57.8	0.1	0.1%	54.3%	63.6	63.9	0.3	0.4%
55.6%	47.0	47.1	0.1	0.2%	55.6%	51.6	51.9	0.3	0.6%	55.6%	57.6	57.8	0.2	0.3%	55.6%	63.5	63.8	0.3	0.5%
56.8%	46.9	47.0	0.1	0.3%	56.8%	51.5	51.8	0.3	0.6%	56.8%	57.5	57.7	0.2	0.4%	56.8%	63.5	63.7	0.2	0.4%
58.0% 59.3%	46.9 46.9	47.0 47.0	0.1	0.3%	58.0% 59.3%	51.4 51.4	51.8 51.6	0.4	0.7%	58.0% 59.3%	57.4 57.4	57.7 57.6	0.3	0.6%	58.0% 59.3%	63.5 63.4	63.7 63.6	0.3	0.4%
60.5%	46.7	46.8	0.1	0.3%	60.5%	51.3	51.4	0.2	0.4%	60.5%	57.4	57.5 57.5	0.3	0.3%	60.5%	63.4	63.6	0.2	0.4%
61.7%	46.7	46.8	0.1	0.2%	61.7%	51.2	51.4	0.2	0.4%	61.7%	57.2	57.3	0.2	0.3%	61.7%	63.3	63.5	0.2	0.4%
63.0%	46.7	46.8	0.1	0.2%	63.0%	51.2	51.4	0.2	0.3%	63.0%	57.1	57.2	0.1	0.2%	63.0%	63.3	63.5	0.2	0.3%
64.2%	46.7	46.7	0.1	0.1%	64.2%	51.2	51.3	0.2	0.3%	64.2%	57.0	57.2	0.2	0.3%	64.2%	63.3	63.4	0.1	0.2%
65.4%	46.7	46.7	0.1	0.1%	65.4%	51.2	51.2	0.0	0.1%	65.4%	57.0	57.2	0.2	0.4%	65.4%	63.2	63.3	0.1	0.1%
66.7%	46.6	46.7	0.1	0.2%	66.7%	51.0	51.2	0.2	0.4%	66.7%	56.8	57.1	0.3	0.5%	66.7%	63.2	63.2	0.0	0.0%
67.9%	46.5	46.6	0.1	0.2%	67.9%	50.8	51.1	0.3	0.7%	67.9%	56.8	57.0	0.2	0.4%	67.9%	63.2	63.2	0.0	0.0%
69.1%	46.5	46.5	0.0	0.0%	69.1%	50.7	51.1	0.3	0.6%	69.1%	56.7	56.8	0.1	0.2%	69.1%	63.2	63.2	0.0	0.0%
70.4%	46.4	46.5	0.1	0.1%	70.4%	50.7	51.0	0.3	0.6%	70.4%	56.5	56.7	0.1	0.2%	70.4%	63.1	63.2	0.0	0.1%
71.6%	46.4	46.4	0.0	0.1%	71.6%	50.7	50.8	0.1	0.2%	71.6%	56.4	56.6	0.2	0.4%	71.6%	63.0	63.1	0.0	0.0%
72.8% 74.1%	46.3 46.3	46.4 46.3	0.0	0.1%	72.8% 74.1%	50.5 50.4	50.7 50.6	0.1	0.3%	72.8% 74.1%	56.3 56.3	56.4 56.3	0.1	0.2%	72.8% 74.1%	63.0 62.8	63.0 62.9	0.0	0.0%
74.1% 75.3%	46.3 46.1	46.3 46.1	0.0	0.0%	74.1% 75.3%	50.4 50.4	50.6 50.5	0.2	0.4%		56.3 56.2	56.3 56.3	0.0	0.0%	74.1% 75.3%	62.8 62.8	62.9 62.9	0.1	0.2%
76.5%	46.0	46.0	0.1	0.1%	76.5%	50.4	50.5	0.0	0.2%	75.3% 76.5%	56.2 56.0	56.2	0.0	0.1%	76.5%	62.7	62.7	0.0	0.2%
77.8%	45.9	46.0	0.1	0.1%	77.8%	49.9	50.0	0.0	0.1%	77.8%	55.5	55.6	0.3	0.3%	77.8%	62.7	62.7	0.0	0.1%
79.0%	45.9	45.9	0.0	0.1%	79.0%	49.7	49.8	0.1	0.2%	79.0%	55.4	55.6	0.2	0.4%	79.0%	62.6	62.4	-0.2	-0.3%
80.2%	45.8	45.9	0.1	0.2%	80.2%	49.7	49.7	0.1	0.1%	80.2%	55.3	55.5	0.2	0.4%	80.2%	62.6	62.4	-0.2	-0.3%
81.5%	45.8	45.8	0.0	0.1%	81.5%	49.6	49.7	0.1	0.2%	81.5%	55.2	55.4	0.3	0.5%	81.5%	62.4	62.3	-0.1	-0.2%
82.7%	45.6	45.8	0.2	0.4%	82.7%	49.6	49.7	0.1	0.1%	82.7%	55.2	55.4	0.3	0.5%	82.7%	62.2	62.1	-0.1	-0.1%
84.0%	45.6	45.6	0.0	0.0%	84.0%	49.5	49.6	0.1	0.3%	84.0%	55.2	55.4	0.2	0.4%	84.0%	62.1	62.0	-0.1	-0.1%
85.2%	45.5	45.6	0.1	0.1%	85.2%	49.4	49.5	0.1	0.1%	85.2%	55.1	55.2	0.1	0.2%	85.2%	61.7	61.8	0.1	0.1%
86.4%	45.5	45.5	0.1	0.1%	86.4%	49.2	49.3	0.1	0.3%	86.4%	54.9	54.9	0.1	0.1%	86.4%	61.7	61.8	0.1	0.1%
87.7%	45.4	45.5	0.1	0.1%	87.7%	49.1	49.3	0.2	0.4%	87.7%	54.8	54.9	0.1	0.2%	87.7%	61.6	61.6	0.0	0.0%
88.9%	45.4	45.5	0.0	0.1%	88.9%	49.1	49.3	0.2	0.4%	88.9%	54.7	54.7	0.0	0.0%	88.9%	60.9	61.2	0.3	0.4%
90.1%	45.3	45.4	0.1	0.2%	90.1%	49.0	49.1	0.1	0.1%	90.1%	54.5	54.7	0.1	0.2%	90.1%	60.9	61.1	0.1	0.2%
91.4% 92.6%	45.3 45.3	45.4 45.2	0.0	0.1%	91.4% 92.6%	49.0 48.9	49.1 49.0	0.1	0.2%	91.4% 92.6%	54.2 53.9	54.2 53.9	0.0	0.0%	91.4% 92.6%	60.9 60.8	61.0 60.8	0.1 0.0	0.1%
93.8%	45.3 45.1	45.2 45.2	0.0	-0.1% 0.1%	93.8%	48.8	49.0	0.1	0.4%	93.8%	53.8	53.8	0.0	0.0%	93.8%	60.8	60.6	-0.2	-0.1% -0.3%
93.8%	45.1 45.0	45.2 45.0	0.1	0.1%	95.1%	48.8 48.6	49.0 48.6	0.2	0.4%	95.1%	53.8	53.8	0.0	0.0%	95.1%	60.5	60.6	0.1	0.1%
96.3%	44.9	44.9	0.1	0.1%	96.3%	48.4	48.4	0.0	0.0%	96.3%	53.1	53.5	0.0	0.6%	96.3%	60.4	60.6	0.1	0.3%
97.5%	44.5	44.5	0.0	0.1%	97.5%	48.3	48.3	0.0	0.0%	97.5%	52.3	52.3	0.0	0.0%	97.5%	60.1	60.1	0.0	0.0%
98.8%	44.2	44.2	0.0	-0.1%	98.8%	48.0	48.0	0.0	0.0%	98.8%	50.9	50.9	0.0	0.0%	98.8%	59.7	59.6	-0.1	-0.2%
100.0%	43.8	43.8	0.0	0.0%	100.0%	48.0	48.0	0.0	0.0%	100.0%	49.8	49.8	0.0	0.0%	100.0%	56.5	56.5	0.0	0.0%

Table SQ-11-9b
Sacramento River at Knights Landing, Monthly Temperature
Probability of Exceedance

									Probability	of Exceedance					-				
Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative
Probability	Monthly Temperature		Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature		Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
0.0%	(DEG-F) 71.3	(DEG-F) 71.1	-0.2	-0.3%	(%) 0.0%	(DEG-F) 75.5	(DEG-F) 74.4	-1.1	-1.4%		(DEG-F) 74.4	(DEG-F) 73.7	-0.7	-0.9%	0.0%	(DEG-F) 71.0	(DEG-F) 70.1	-0.9	-1.3%
1.2%	71.3	70.6	-0.2	-0.5%	1.2%	73.9	74.4	-0.6	-0.8%	1.2%	74.4	73.2	-0.7	-1.5%	1.2%	71.0	69.7	-0.9	-0.6%
2.5%	70.0	70.3	0.3	0.4%	2.5%	73.2	72.9	-0.3	-0.4%	2.5%	74.2	72.4	-1.9	-2.5%	2.5%	69.6	69.3	-0.3	-0.5%
3.7%	70.0	70.1	0.1	0.1%	3.7%	73.0	72.5	-0.5	-0.7%	3.7%	73.8	72.2	-1.6	-2.2%	3.7%	69.6	68.9	-0.7	-1.0%
4.9%	70.0	70.0	0.0	0.0%	4.9%	72.8	72.4	-0.4	-0.6%	4.9%	73.6	72.2	-1.4	-2.0%	4.9%	69.3	68.6	-0.7	-1.0%
6.2% 7.4%	70.0 69.9	69.9 69.8	-0.1 -0.2	-0.2% -0.2%	6.2% 7.4%	72.7 72.5	72.4 72.1	-0.3 -0.4	-0.5% -0.5%	6.2% 7.4%	72.7 72.6	72.1 71.8	-0.6 -0.8	-0.8% -1.1%	6.2% 7.4%	68.8 68.5	68.6 68.3	-0.2 -0.2	-0.3% -0.3%
8.6%	69.7	69.7	0.0	0.0%	8.6%	72.3	71.9	-0.4	-0.6%	8.6%	72.3	71.6	-0.8	-0.9%	8.6%	68.4	67.9	-0.5	-0.7%
9.9%	69.7	69.5	-0.2	-0.3%	9.9%	72.2	71.9	-0.3	-0.5%	9.9%	71.7	71.6	-0.2	-0.2%	9.9%	68.3	67.7	-0.6	-0.8%
11.1%	69.6	69.3	-0.3	-0.5%	11.1%	72.0	71.8	-0.2	-0.2%	11.1%	71.6	71.5	-0.1	-0.1%	11.1%	68.3	67.6	-0.7	-1.1%
12.3% 13.6%	69.4 69.4	69.1 69.0	-0.3 -0.3	-0.5% -0.5%	12.3% 13.6%	71.9 71.9	71.7 71.5	-0.3 -0.4	-0.4% -0.6%	12.3% 13.6%	71.5 71.5	71.3 71.2	-0.2 -0.3	-0.3% -0.4%	12.3% 13.6%	68.1 67.7	67.3 67.2	-0.8 -0.5	-1.2%
13.6%	69.4	69.0	-0.3	-0.5%	13.6%	71.9 71.7	71.5 71.4	-0.4	-0.6%	13.6%	71.5 71.4	71.2	-0.3	-0.4%	13.6%	67.7	67.2	-0.5 -0.5	-0.7% -0.7%
16.0%	69.2	68.8	-0.4	-0.5%	16.0%	71.7	71.3	-0.4	-0.5%	16.0%	71.4	71.2	-0.2	-0.3%	16.0%	67.5	67.1	-0.4	-0.6%
17.3%	69.1	68.8	-0.4	-0.6%	17.3%	71.7	71.2	-0.5	-0.7%	17.3%	71.4	71.0	-0.4	-0.6%	17.3%	67.5	66.9	-0.6	-0.8%
18.5%	69.1	68.7	-0.4	-0.6%	18.5%	71.7	71.0	-0.7	-0.9%	18.5%	71.4	70.9	-0.5	-0.7%	18.5%	67.5	66.9	-0.6	-0.8%
19.8% 21.0%	69.1 69.0	68.7 68.6	-0.5 -0.4	-0.7% -0.6%	19.8% 21.0%	71.5 71.5	71.0 71.0	-0.6 -0.5	-0.8% -0.7%	19.8% 21.0%	71.4 71.4	70.9 70.9	-0.5 -0.5	-0.7% -0.7%	19.8% 21.0%	67.5 67.4	66.9 66.8	-0.6 -0.6	-0.9% -0.9%
22.2%	69.0	68.6	-0.4	-0.6%	22.2%	71.5	70.8	-0.6	-0.9%	22.2%	71.4	70.8	-0.6	-0.9%	22.2%	67.4	66.8	-0.6	-0.9%
23.5%	68.9	68.5	-0.4	-0.6%	23.5%	71.4	70.6	-0.8	-1.1%	23.5%	71.4	70.7	-0.6	-0.9%	23.5%	67.3	66.8	-0.6	-0.8%
24.7%	68.9	68.3	-0.5	-0.8%	24.7%	71.3	70.5	-0.8	-1.1%	24.7%	71.2	70.7	-0.5	-0.7%	24.7%	67.2	66.7	-0.5	-0.7%
25.9% 27.2%	68.8 68.8	68.2 68.2	-0.6 -0.6	-0.8% -0.8%	25.9% 27.2%	71.3 71.3	70.5 70.5	-0.8 -0.8	-1.2% -1.1%	25.9% 27.2%	71.1 71.0	70.7 70.7	-0.4 -0.3	-0.6% -0.5%	25.9% 27.2%	67.2 67.1	66.5 66.5	-0.7 -0.6	-1.0% -0.9%
28.4%	68.7	68.2	-0.5	-0.8%	28.4%	71.3	70.5	-0.8	-1.1%	28.4%	71.0	70.7	-0.3	-0.5%	28.4%	66.8	66.5	-0.8	-0.5%
29.6%	68.7	68.1	-0.6	-0.8%	29.6%	71.1	70.4	-0.7	-1.0%	29.6%	71.0	70.6	-0.4	-0.6%	29.6%	66.8	66.5	-0.3	-0.5%
30.9%	68.7	68.1	-0.6	-0.8%	30.9%	71.1	70.4	-0.7	-1.0%	30.9%	71.0	70.6	-0.4	-0.5%	30.9%	66.8	66.5	-0.3	-0.5%
32.1%	68.6	68.0	-0.6	-0.9%	32.1%	71.0	70.3	-0.7	-1.0%	32.1%	70.9	70.5	-0.4	-0.5%	32.1%	66.7	66.4	-0.4	-0.5%
33.3% 34.6%	68.6 68.5	67.8 67.8	-0.7 -0.7	-1.0% -1.0%	33.3% 34.6%	71.0 70.9	70.3 70.3	-0.7 -0.7	-1.0% -0.9%	33.3% 34.6%	70.8 70.7	70.4 70.4	-0.4 -0.3	-0.5% -0.4%	33.3% 34.6%	66.7 66.6	66.4 66.4	-0.3 -0.3	-0.5% -0.4%
35.8%	68.4	67.8	-0.7	-1.0%	35.8%	70.9	70.3	-0.7	-0.9%	35.8%	70.7	70.4	-0.3	-0.4%	35.8%	66.4	66.1	-0.3	-0.5%
37.0%	68.4	67.7	-0.6	-0.9%	37.0%	70.9	70.3	-0.6	-0.9%	37.0%	70.7	70.4	-0.3	-0.4%	37.0%	66.4	66.1	-0.3	-0.5%
38.3%	67.9	67.7	-0.3	-0.4%	38.3%	70.8	70.3	-0.5	-0.7%	38.3%	70.7	70.3	-0.3	-0.4%	38.3%	66.3	66.0	-0.3	-0.4%
39.5% 40.7%	67.9 67.8	67.6 67.6	-0.2	-0.3%	39.5% 40.7%	70.7	70.2	-0.5 -0.4	-0.7%	39.5% 40.7%	70.5	70.3	-0.2	-0.2%	39.5% 40.7%	66.3 66.0	66.0 65.9	-0.3 -0.1	-0.5%
40.7%	67.8	67.6	-0.2 -0.2	-0.3% -0.2%	40.7%	70.7 70.5	70.2 70.2	-0.4	-0.6% -0.4%	40.7%	70.4 70.4	70.2 70.2	-0.2 -0.2	-0.2% -0.3%	40.7%	65.9	65.8	-0.1	-0.1% -0.1%
43.2%	67.7	67.5	-0.2	-0.3%	43.2%	70.5	70.2	-0.3	-0.4%	43.2%	70.4	70.0	-0.4	-0.5%	43.2%	65.9	65.6	-0.2	-0.3%
44.4%	67.7	67.5	-0.2	-0.3%	44.4%	70.4	70.1	-0.3	-0.5%	44.4%	70.3	70.0	-0.3	-0.5%	44.4%	65.8	65.6	-0.2	-0.3%
45.7%	67.7	67.4	-0.2	-0.3%	45.7%	70.3	70.0	-0.4	-0.6%	45.7%	70.3	70.0	-0.3	-0.4%	45.7%	65.8	65.6	-0.1	-0.2%
46.9% 48.1%	67.6 67.6	67.4 67.4	-0.2 -0.2	-0.3% -0.2%	46.9% 48.1%	70.3 70.2	69.9 69.9	-0.4 -0.3	-0.6% -0.5%	46.9% 48.1%	70.3 70.2	70.0 70.0	-0.3 -0.3	-0.4% -0.4%	46.9% 48.1%	65.7 65.7	65.6 65.5	-0.1 -0.2	-0.2% -0.2%
49.4%	67.5	67.4	-0.2	-0.3%	49.4%	70.2	69.9	-0.3	-0.4%	49.4%	70.2	69.9	-0.3	-0.4%	49.4%	65.6	65.4	-0.2	-0.3%
50.6%	67.5	67.3	-0.2	-0.3%	50.6%	70.1	69.9	-0.2	-0.4%	50.6%	70.2	69.9	-0.3	-0.4%	50.6%	65.6	65.4	-0.2	-0.3%
51.9%	67.5	67.3	-0.1	-0.2%	51.9%	70.1	69.8	-0.3	-0.4%	51.9%	70.1	69.8	-0.3	-0.5%	51.9%	65.6	65.4	-0.2	-0.3%
53.1% 54.3%	67.5 67.4	67.3 67.3	-0.2 -0.1	-0.3% -0.2%	53.1% 54.3%	70.1 70.0	69.8 69.8	-0.3 -0.2	-0.4% -0.3%	53.1% 54.3%	70.1 70.0	69.8 69.8	-0.3 -0.3	-0.5% -0.4%	53.1% 54.3%	65.6 65.5	65.3 65.3	-0.3 -0.2	-0.4% -0.3%
55.6%	67.3	67.2	-0.1	-0.1%	55.6%	70.0	69.7	-0.2	-0.3%	55.6%	70.0	69.7	-0.3	-0.4%	55.6%	65.5	65.2	-0.2	-0.5%
56.8%	67.2	67.2	0.0	0.0%	56.8%	69.9	69.7	-0.2	-0.4%	56.8%	70.0	69.7	-0.3	-0.4%	56.8%	65.4	65.1	-0.3	-0.5%
58.0%	67.2	67.2	0.0	0.0%	58.0%	69.9	69.6	-0.3	-0.5%	58.0%	69.9	69.6	-0.4	-0.6%	58.0%	65.4	65.1	-0.3	-0.5%
59.3%	67.1	67.2	0.0	0.0%	59.3%	69.9	69.6	-0.3	-0.4%	59.3%	69.8	69.5	-0.3	-0.5%	59.3%	65.4	65.1	-0.3	-0.5%
60.5% 61.7%	67.1 67.1	67.1 67.1	0.0	0.1%	60.5% 61.7%	69.8 69.8	69.5 69.5	-0.3 -0.4	-0.4% -0.5%	60.5% 61.7%	69.7 69.5	69.4 69.3	-0.2 -0.1	-0.3%	60.5% 61.7%	65.1 65.0	65.0 65.0	-0.1 0.0	-0.2%
63.0%	67.1	67.1	0.0	0.1%	63.0%	69.8	69.4	-0.4	-0.6%	63.0%	69.4	69.3	-0.1	-0.2% -0.2%	63.0%	65.0	65.0	0.0	0.0%
64.2%	67.0	67.0	0.0	0.0%	64.2%	69.8	69.3	-0.5	-0.7%	64.2%	69.4	69.2	-0.1	-0.2%	64.2%	64.9	64.9	0.1	0.1%
65.4%	67.0	67.0	0.0	0.0%	65.4%	69.8	69.3	-0.5	-0.7%	65.4%	69.4	69.1	-0.2	-0.3%	65.4%	64.8	64.7	-0.1	-0.2%
66.7%	67.0 66.9	67.0 66.8	0.0	-0.1%	66.7%	69.8 69.8	69.2 69.0	-0.5 -0.7	-0.8%	66.7% 67.9%	69.3 69.2	69.1 69.1	-0.2	-0.3%	66.7%	64.5 64.5	64.6 64.6	0.1	0.2%
67.9% 69.1%	66.8	66.8	-0.1 0.0	-0.2% 0.0%	67.9% 69.1%	69.8	69.0	-0.7	-1.0% -1.0%	69.1%	69.2	68.9	-0.1 -0.3	-0.2% -0.4%	67.9% 69.1%	64.5	64.5	0.1 0.1	0.2%
70.4%	66.8	66.8	-0.1	-0.1%	70.4%	69.6	68.9	-0.7	-1.0%	70.4%	69.1	68.8	-0.3	-0.3%	70.4%	64.4	64.5	0.1	0.1%
71.6%	66.7	66.7	0.1	0.1%	71.6%	69.6	68.9	-0.7	-1.0%	71.6%	69.0	68.8	-0.2	-0.3%	71.6%	64.3	64.5	0.2	0.3%
72.8%	66.6	66.7	0.1	0.2%	72.8%	69.6	68.9	-0.7	-1.0%	72.8%	69.0	68.7	-0.2	-0.4%	72.8%	64.3	64.3	0.0	0.0%
74.1%	66.6	66.7	0.1	0.2%	74.1%	69.5	68.8 68.8	-0.7	-1.0%	74.1%	69.0	68.7	-0.2	-0.4%	74.1%	64.3	64.2	-0.1	-0.1%
75.3% 76.5%	66.5 66.5	66.6 66.5	0.1 -0.1	0.1% -0.1%	75.3% 76.5%	69.4 69.4	68.7	-0.6 -0.7	-0.9% -1.0%	75.3% 76.5%	68.9 68.7	68.7 68.7	-0.3 -0.1	-0.4% -0.1%	75.3% 76.5%	64.3 64.0	64.2 64.1	-0.1 0.1	-0.1% 0.1%
77.8%	66.5	66.4	-0.1	-0.1%	77.8%	69.4	68.5	-0.9	-1.3%	77.8%	68.4	68.6	0.2	0.3%	77.8%	63.9	64.0	0.1	0.1%
79.0%	66.5	66.4	-0.1	-0.1%	79.0%	69.4	68.5	-0.9	-1.3%	79.0%	68.3	68.6	0.3	0.4%	79.0%	63.8	63.7	-0.1	-0.2%
80.2%	66.4	66.4	0.0	-0.1%	80.2%	69.3	68.4	-0.9	-1.3%	80.2%	68.2	68.6	0.4	0.5%	80.2%	63.7	63.6	0.0	-0.1%
81.5%	66.3	66.3	0.0	-0.1%	81.5%	69.1	68.4	-0.8	-1.1%	81.5%	68.2	68.5	0.3	0.4%	81.5%	63.7	63.6	0.0	0.0%
82.7% 84.0%	66.3 66.3	66.2 66.1	0.0 -0.1	0.0% -0.2%	82.7% 84.0%	68.9 68.9	68.3 68.2	-0.6 -0.7	-0.9% -1.0%	82.7% 84.0%	68.2 68.1	68.3 68.2	0.1 0.1	0.1% 0.1%	82.7% 84.0%	63.6 63.5	63.5 63.4	-0.1 0.0	-0.1% 0.0%
85.2%	66.2	65.9	-0.3	-0.4%	85.2%	68.9	68.1	-0.7	-1.1%	85.2%	68.1	68.2	0.1	0.1%	85.2%	63.4	63.4	0.0	-0.1%
86.4%	66.1	65.9	-0.2	-0.3%	86.4%	68.6	68.0	-0.6	-0.9%	86.4%	68.1	68.2	0.0	0.1%	86.4%	63.4	63.2	-0.2	-0.3%
87.7%	66.0	65.7	-0.4	-0.5%	87.7%	68.5	68.0	-0.5	-0.7%	87.7%	68.1	68.1	0.0	0.0%	87.7%	63.2	63.1	-0.1	-0.2%
88.9%	65.9	65.6	-0.3	-0.5%	88.9%	68.5	67.9	-0.5	-0.8%	88.9%	68.0	68.1	0.1	0.1%	88.9%	63.2	63.0	-0.2	-0.3%
90.1%	65.6 65.3	65.4 65.3	-0.2 0.0	-0.3% -0.1%	90.1% 91.4%	68.2 67.9	67.7 67.6	-0.4 -0.3	-0.6% -0.4%	90.1% 91.4%	67.9 67.8	68.0 68.0	0.2	0.2%	90.1% 91.4%	62.9 62.8	62.9 62.7	0.0	-0.1% -0.2%
92.6%	65.2	65.1	0.0	0.0%	92.6%	67.9	67.5	-0.3	-0.5%	92.6%	67.7	67.8	0.2	0.1%	92.6%	62.8	62.3	-0.1	-0.8%
93.8%	65.1	64.7	-0.4	-0.5%	93.8%	67.6	67.2	-0.5	-0.7%	93.8%	67.7	67.7	0.0	0.0%	93.8%	62.5	62.0	-0.5	-0.8%
95.1%	65.0	64.6	-0.4	-0.6%	95.1%	67.5	67.1	-0.4	-0.6%	95.1%	67.5	67.4	-0.1	-0.2%	95.1%	62.2	62.0	-0.2	-0.4%
96.3%	64.3	64.5	0.3	0.4%	96.3%	67.0	67.1	0.1	0.2%	96.3%	67.5	67.1	-0.4	-0.6%	96.3%	62.1	61.6	-0.5	-0.8%
97.5% 98.8%	64.2 64.1	64.2 63.9	0.0 -0.2	0.0% -0.3%	97.5% 98.8%	66.9 66.9	66.5 66.2	-0.4 -0.7	-0.6% -1.0%	97.5% 98.8%	67.3 66.8	66.8 66.7	-0.5 -0.2	-0.8% -0.2%	97.5% 98.8%	61.9 61.7	61.4 61.3	-0.6 -0.4	-0.9% -0.7%
100.0%	63.5	63.5	0.0	0.0%	100.0%	66.8	66.0	-0.7	-1.2%	100.0%	66.1	66.2	0.1	0.1%	100.0%	60.8	60.3	-0.5	-0.9%

Table SQ-12-9a Sacramento River at American River, Monthly Temperature Long-term Average and Average by Water Year Type

					Mon	thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	61.0	53.2	45.9	45.0	49.6	54.4	60.6	66.0	70.2	72.2	71.8	67.9
Alternative D	61.0	53.2	45.9	45.0	49.7	54.6	60.7	66.0	70.4	72.2	71.8	67.9
Difference	-0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.2	0.0	0.0	-0.1
Percent Difference ³	-0.1%	0.1%	0.2%	0.1%	0.1%	0.2%	0.1%	0.0%	0.3%	0.0%	0.0%	-0.1%
				Water Y	ear Types	2						
Vet (32%)												
No Action Alternative	60.5	53.7	46.4	45.8	49.5	53.3	58.5	64.2	68.8	72.3	71.7	66.0
Alternative D	60.4	53.8	46.5	45.9	49.5	53.3	58.5	64.2	68.8	72.3	71.9	65.9
Difference	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.1
Percent Difference	-0.2%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	-0.1%
Above Normal (15%)												
No Action Alternative	60.4	52.1	45.7	45.1	49.4	54.0	60.5	66.2	70.4	71.3	70.9	66.9
Alternative D	60.2	52.1	45.7	45.2	49.4	54.1	60.5	66.2	70.6	71.1	71.0	66.9
Difference	-0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.2	-0.2	0.1	0.0
Percent Difference	-0.3%	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.2%	-0.2%	0.2%	0.0%
Below Normal (17%)												
No Action Alternative	60.8	53.1	45.9	44.3	48.9	54.5	61.0	66.0	70.4	71.8	71.9	69.3
Alternative D	60.6	53.2	46.0	44.4	48.9	54.7	61.0	66.0	70.7	71.8	72.0	69.2
Difference	-0.1	0.1	0.1	0.0	0.0	0.2	0.0	0.0	0.3	0.0	0.1	-0.1
Percent Difference	-0.2%	0.1%	0.1%	0.1%	0.1%	0.4%	0.1%	0.1%	0.4%	0.0%	0.1%	-0.2%
Dry (22%)												
No Action Alternative	61.2	53.1	45.8	44.1	49.6	55.1	61.9	67.2	71.5	71.9	71.4	69.0
Alternative D	61.2	53.2	45.9	44.2	49.6	55.4	62.0	67.1	71.8	72.0	71.4	69.0
Difference	0.0	0.1	0.1	0.0	0.0	0.2	0.1	0.0	0.3	0.1	0.0	0.0
Percent Difference	0.0%	0.2%	0.2%	0.1%	0.1%	0.4%	0.1%	0.0%	0.5%	0.2%	0.0%	0.0%
Critical (15%)												
No Action Alternative	62.9	52.9	44.7	44.7	50.8	55.9	62.8	67.6	70.6	73.6	73.3	69.9
Alternative D	63.0	52.9	44.8	44.8	51.0	56.1	62.9	67.7	70.9	73.7	72.7	69.7
Difference	0.1	0.0	0.1	0.1	0.2	0.2	0.1	0.1	0.2	0.1	-0.5	-0.2
Percent Difference	0.2%	0.0%	0.1%	0.2%	0.3%	0.3%	0.2%	0.2%	0.3%	0.2%	-0.8%	-0.2%

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



Figure SQ-12-9b
Sacramento River at American River, Monthly Temperature
Probability of Exceedance

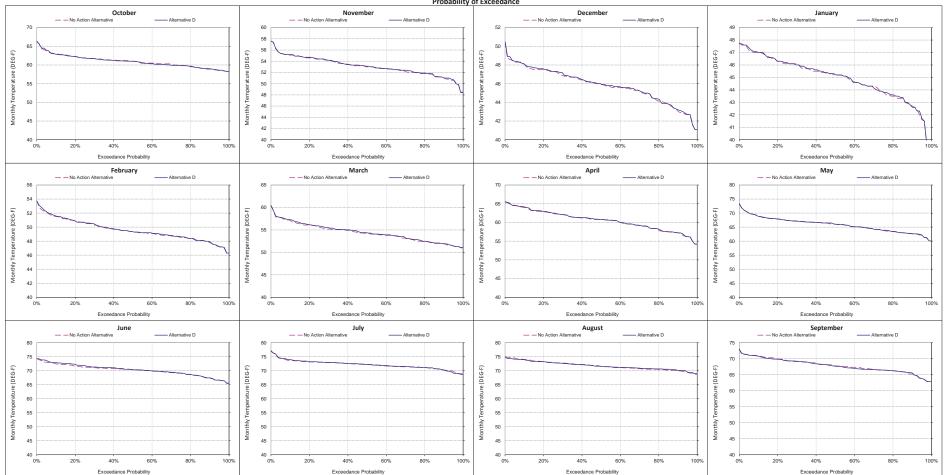


Table SQ-12-9b
Sacramento River at American River, Monthly Temperature
Probability of Exceedance

-		October					November					December					January		
Percent	No Action Alternative	Alternative D	Absolute		Percent	No Action Alternative	Alternative D	Absolute		Percent	No Action Alternative	Alternative D	Absolute		Percent	No Action Alternative	Alternative D	Absolute	
Exceedance			Difference	Relative	Exceedance			Difference	Relative	Exceedance			- Difference	Relative	Exceedance			Difference	Relative
Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	66.2	66.4	0.2	0.3%	0.0%	57.6	57.6	0.0	0.0%	0.0%	50.4	50.5	0.1	0.2%	0.0%	47.8	47.7	-0.1	-0.2%
1.2%	65.6	65.6	0.0	0.0%	1.2%	57.4	57.4	0.0	0.0%	1.2%	48.7	48.9	0.2	0.4%	1.2%	47.6	47.7	0.1	0.2%
2.5%	64.4	64.5	0.1	0.2%	2.5%	56.2	56.3	0.1	0.2%	2.5%	48.6	48.9	0.3	0.6%	2.5%	47.6	47.6	0.0	0.0%
3.7%	64.1	64.5	0.4	0.6%	3.7%	55.7	55.7	0.0	0.0%	3.7%	48.5	48.5	0.0	0.0%	3.7%	47.5	47.6	0.1	0.2%
4.9%	63.8	64.0	0.2	0.3%	4.9%	55.4	55.4	0.0	0.0%	4.9%	48.3	48.4	0.1	0.2%	4.9%	47.2	47.4	0.2	0.4%
6.2%	63.4	63.8	0.4	0.6%	6.2%	55.3	55.3	0.0	0.0%	6.2%	48.3	48.4	0.1	0.2%	6.2%	47.1	47.2	0.1	0.2%
7.4%	63.2	63.1	-0.1	-0.2%	7.4%	55.2	55.2	0.0	0.0%	7.4%	48.3	48.3	0.0	0.0%	7.4%	47.0	47.1	0.1	0.2%
8.6%	63.1	63.0	-0.1	-0.2%	8.6%	55.1	55.2	0.1	0.2%	8.6%	48.3	48.2	-0.1	-0.2%	8.6%	47.0	47.1	0.1	0.2%
9.9%	62.9	62.9	0.0	0.0%	9.9%	55.1	55.2	0.1	0.2%	9.9%	48.1	48.1	0.0	0.0%	9.9%	47.0	47.0	0.0	0.0%
11.1%	62.9	62.8	-0.1	-0.2%	11.1%	55.1	55.2	0.1	0.2%	11.1%	47.8	47.9	0.1	0.2%	11.1%	47.0	47.0	0.0	0.0%
12.3%	62.8	62.7	-0.1	-0.2%	12.3%	55.1	54.9	-0.2	-0.4%	12.3%	47.6	47.8	0.2	0.4%	12.3%	46.9	47.0	0.1	0.2%
13.6%	62.8	62.7	-0.1	-0.2%	13.6%	55.0	54.9	-0.1	-0.2%	13.6%	47.6	47.8	0.2	0.4%	13.6%	46.8	46.8	0.0	0.0%
14.8%	62.7	62.6	-0.1	-0.2%	14.8%	54.9	54.9	0.0	0.0%	14.8%	47.5	47.7	0.2	0.4%	14.8%	46.7	46.6	-0.1	-0.2%
16.0%	62.6	62.4	-0.2	-0.3%	16.0%	54.8	54.8	0.0	0.0%	16.0%	47.5	47.7	0.2	0.4%	16.0%	46.6	46.6	0.0	0.0%
17.3%	62.4	62.4	0.0	0.0%	17.3%	54.7	54.7	0.0	0.0%	17.3%	47.5	47.6	0.1	0.2%	17.3%	46.5	46.6	0.1	0.2%
18.5%	62.4	62.3	-0.1	-0.2%	18.5%	54.6	54.7	0.1	0.2%	18.5%	47.5	47.6	0.1	0.2%	18.5%	46.5	46.5	0.0	0.0%
19.8%	62.3	62.3	0.0	0.0%	19.8%	54.6	54.7	0.1	0.2%	19.8%	47.5	47.6	0.1	0.2%	19.8%	46.3	46.3	0.0	0.0%
21.0%	62.1	62.2	0.1	0.2%	21.0%	54.6	54.7	0.1	0.2%	21.0%	47.5	47.5	0.0	0.0%	21.0%	46.3	46.3	0.0	0.0%
22.2%	62.0	62.0	0.0	0.0%	22.2%	54.6	54.6	0.0	0.0%	22.2%	47.4	47.5	0.1	0.2%	22.2%	46.2	46.3	0.0	0.2%
23.5%	61.9	61.9	0.0	0.0%	23.5%	54.5	54.4	-0.1	-0.2%	23.5%	47.4	47.3	-0.1	-0.2%	23.5%	46.1	46.2	0.1	0.2%
24.7%	61.9	61.9	0.0	0.0%	24.7%	54.4	54.4	0.0	0.0%	24.7%	47.3	47.3	0.0	0.2%	24.7%	46.1	46.2	0.1	0.2%
25.9% 27.2%	61.8 61.8	61.8 61.7	0.0 -0.1	0.0%	25.9% 27.2%	54.4 54.4	54.4 54.4	0.0	0.0%	25.9% 27.2%	47.3 47.2	47.3 47.3	0.0	0.0%	25.9% 27.2%	46.1 46.1	46.1 46.1	0.0	0.0%
28.4%	61.7	61.7	0.0	0.0%	28.4%	54.3	54.2	-0.1	-0.2%	28.4%	47.0	47.2	0.2	0.4%	28.4%	46.1	46.1	0.0	0.0%
29.6%	61.7	61.7	0.0	0.0%	29.6%	54.2	54.2	0.0	0.0%	29.6%	46.9	47.2	0.3	0.6%	29.6%	46.1 46.0	46.0	-0.1	-0.2%
30.9%	61.7	61.6	-0.1	-0.2%	30.9%	54.2	54.1	-0.1	-0.2%	30.9%	46.8	46.9	0.1	0.2%	30.9%		46.0	0.0	0.0%
32.1%	61.6	61.5	-0.1	-0.2%	32.1%	54.1	54.0	-0.1	-0.2%	32.1%	46.8	46.9	0.1	0.2%	32.1%	45.8	45.9	0.1	0.2%
33.3%	61.6	61.5	-0.1	-0.2%	33.3%	53.8	53.9	0.1	0.2%	33.3%	46.7	46.8	0.1	0.2%	33.3%	45.7	45.9	0.2	0.4%
34.6%	61.4	61.4	0.0	0.0%	34.6%	53.7	53.9	0.2	0.4%	34.6%	46.7	46.7	0.0	0.0%	34.6%	45.7	45.8	0.1	0.2%
35.8%	61.4	61.3	-0.1	-0.2%	35.8%	53.6	53.7	0.1	0.2%	35.8%	46.7	46.7	0.0	0.0%	35.8%	45.7	45.7	0.0	0.0%
37.0%	61.4	61.3	-0.1	-0.2%	37.0%	53.6	53.6	0.0	0.0%	37.0%	46.6	46.7	0.1	0.2%	37.0%	45.6	45.7	0.1	0.2%
38.3%	61.3	61.3	0.0	0.0%	38.3%	53.5	53.5	0.0	0.0%	38.3%	46.5	46.6	0.1	0.2%	38.3%	45.5	45.7	0.2	0.4%
39.5%	61.3	61.2	-0.1	-0.2%	39.5%	53.5	53.4	-0.1	-0.2%	39.5%	46.4	46.5	0.1	0.2%	39.5%	45.5	45.6	0.1	0.2%
40.7%	61.3	61.2	-0.1	-0.2%	40.7%	53.4	53.4	0.0	0.0%	40.7%	46.4	46.4	0.0	0.0%	40.7%	45.5	45.6	0.1	0.2%
42.0%	61.2	61.1	-0.1	-0.2%	42.0%	53.3	53.3	0.0	0.0%	42.0%	46.2	46.3	0.1	0.2%	42.0%	45.4	45.5	0.1	0.2%
43.2%	61.2	61.1	-0.1	-0.2%	43.2%	53.2	53.3	0.1	0.2%	43.2%	46.2	46.2	0.0	0.0%	43.2%	45.4	45.5	0.1	0.2%
44.4%	61.2	61.1	-0.1	-0.2%	44.4%	53.2	53.3	0.1	0.2%	44.4%	46.1	46.2	0.1	0.2%	44.4%	45.4	45.4	0.0	0.0%
45.7%	61.2	61.1	-0.1	-0.2%	45.7%	53.2	53.3	0.1	0.2%	45.7%	46.1	46.1	0.0	0.0%	45.7%	45.3	45.4	0.1	0.2%
46.9%	61.2	61.0	-0.2	-0.3%	46.9%	53.2	53.2	0.0	0.0%	46.9%	46.0	46.1	0.1	0.2%	46.9%	45.3	45.3	0.0	0.0%
48.1%	61.0	61.0	0.0	0.0%	48.1%	53.2	53.2	0.0	0.0%	48.1%	46.0	46.0	0.0	0.0%	48.1%	45.3	45.3	0.0	0.0%
49.4%	61.0	61.0	0.0	0.0%	49.4%	53.0	53.1	0.0	0.2%	49.4%	45.9	46.0	0.0	0.2%	49.4%	45.2	45.3	0.0	0.2%
50.6%	61.0	61.0	0.0	0.0%	50.6%	53.0	53.1	0.1	0.2%	50.6%	45.9	45.9	0.0	0.0%	50.6%	45.2	45.2	0.0	0.0%
51.9%	60.9	60.9	0.0	0.0%	51.9%	53.0	53.0	0.0	0.0%	51.9%	45.8	45.9	0.0	0.0%	51.9%	45.2	45.2	0.0	0.0%
53.1% 54.3%	60.9	60.8 60.5	-0.1 -0.2	-0.2% -0.3%	53.1% 54.3%	53.0	53.0	0.0	0.0%	53.1% 54.3%	45.7 45.7	45.8	0.1	0.2%	53.1% 54.3%	45.2 45.1	45.2	0.0	0.0%
	60.7					52.9	52.8	-0.1	-0.2%			45.8	0.1	0.2%			45.1	0.0	0.0%
55.6%	60.6	60.5	-0.1	-0.2%	55.6%	52.8	52.8	0.0	0.0%	55.6%	45.6	45.8	0.2	0.4%	55.6%	45.1	45.1	0.0	0.0%
56.8%	60.5	60.4	-0.1	-0.2%	56.8%	52.7	52.8	0.1	0.2%	56.8%	45.6	45.7	0.1	0.2%	56.8%	44.9	45.0	0.1	0.2%
58.0%	60.5	60.4	-0.1	-0.2%	58.0%	52.7	52.7	0.0	0.0%	58.0%	45.6	45.7	0.1	0.2%	58.0%	44.8	44.9	0.1	0.2%
59.3%	60.5	60.3	-0.2	-0.3%	59.3%	52.7	52.7	0.0	0.0%	59.3%	45.6	45.7	0.1	0.2%	59.3%	44.7	44.6	-0.1	-0.2%
60.5%	60.5	60.3	-0.2	-0.3%	60.5%	52.6	52.7	0.1	0.2%	60.5%	45.6	45.6	0.0	0.0%	60.5%	44.6	44.6	0.0	0.0%
61.7%	60.5	60.2	-0.3	-0.5%	61.7%	52.6	52.6	0.0	0.0%	61.7%	45.5	45.6	0.1	0.2%	61.7%	44.6	44.6	0.0	0.0%
63.0%	60.4	60.2	-0.2	-0.3%	63.0%	52.6	52.6	0.0	0.0%	63.0%	45.5	45.6	0.1	0.2%	63.0%	44.5	44.5	0.0	0.0%
64.2%	60.3	60.2	-0.1	-0.2%	64.2%	52.5	52.5	0.0	0.0%	64.2%	45.5	45.6	0.1	0.2%	64.2%	44.4	44.4	0.0	0.0%
65.4%	60.3	60.2	-0.1	-0.2%	65.4%	52.5	52.5	0.0	0.0%	65.4%	45.4	45.5	0.1	0.2%	65.4%	44.4	44.4	0.0	0.0%
66.7%	60.3	60.1	-0.2	-0.3%	66.7%	52.4	52.5	0.1	0.2%	66.7%	45.3	45.5	0.2	0.4%	66.7%	44.3	44.3	0.0	0.0%
67.9%	60.3	60.0	-0.3	-0.5%	67.9%	52.3	52.4	0.1	0.2%	67.9%	45.3	45.3	0.0	0.0%	67.9%	44.3	44.3	0.0	0.0%
69.1%	60.3	60.0	-0.3	-0.5%	69.1%	52.3	52.4	0.1	0.2%	69.1%	45.3	45.3	0.0	0.0%	69.1%	44.3	44.3	0.0	0.0%
70.4%	60.1	59.9	-0.2	-0.3%	70.4%	52.1	52.4	0.3	0.6%	70.4%	45.2	45.2	0.0	0.0%	70.4%	44.3	44.1	-0.2	-0.5%
71.6%	60.0	59.9	-0.1	-0.2%	71.6%	52.0	52.3	0.3	0.6%	71.6%	45.1	45.0	-0.1	-0.2%	71.6%	44.2	44.0	-0.2	-0.5%
72.8%	60.0	59.9	-0.1	-0.2%	72.8%	52.0	52.3	0.3	0.6%	72.8%	44.9	45.0	0.1	0.2%	72.8%	44.0	43.9	-0.1	-0.2%
74.1%	59.9	59.9	0.0	0.0%	74.1%	52.0	52.1	0.1	0.2%	74.1%	44.9	45.0	0.1	0.2%	74.1%	43.9	43.9	0.0	0.0%
75.3%	59.9	59.8	-0.1	-0.2%	75.3%	52.0	52.0	0.0	0.0%	75.3%	44.9	44.9	0.0	0.0%	75.3%	43.8	43.8	0.0	0.0%
76.5%	59.8	59.8	0.0	0.0%	76.5%	51.9	52.0	0.1	0.2%	76.5%	44.4	44.5	0.1	0.2%	76.5%	43.6	43.8	0.2	0.5%
77.8%	59.8	59.8	0.0	0.0%	77.8%	51.8	51.9	0.1	0.2%	77.8%	44.4	44.4	0.0	0.0%	77.8%	43.6	43.7	0.1	0.2%
79.0%	59.7	59.7	0.0	0.0%	79.0%	51.8	51.9	0.1	0.2%	79.0%	44.2	44.4	0.2	0.5%	79.0%	43.5	43.6	0.1	0.2%
80.2%	59.7	59.5	-0.2	-0.3%	80.2%	51.8	51.9	0.1	0.2%	80.2%	44.1	44.3	0.2	0.5%	80.2%	43.5	43.6	0.1	0.2%
81.5%	59.5	59.5	0.0	0.0%	81.5%	51.8	51.8	0.0	0.0%	81.5%	44.1	43.9	-0.2	-0.5%	81.5%	43.4	43.5	0.1	0.2%
82.7%	59.4	59.3	-0.1	-0.2%	82.7%	51.7	51.8	0.1	0.2%	82.7%	44.0	43.9	-0.1	-0.2%	82.7%	43.3	43.5	0.2	0.5%
84.0%	59.3	59.3	0.0	0.0%	84.0%	51.7	51.8	0.1	0.2%	84.0%	43.9	43.9	0.0	0.0%	84.0%	43.3	43.4	0.2	0.2%
85.2%	59.2	59.1	-0.1	-0.2%	85.2%	51.2	51.3	0.1	0.2%	85.2%	43.7	43.8	0.0	0.2%	85.2%	43.3	43.4	0.1	0.2%
86.4%	59.1	59.1	0.0	0.0%	86.4%	51.2	51.3	0.1	0.2%	86.4%	43.6	43.7	0.1	0.2%	86.4%	43.0	43.0	0.0	0.0%
87.7%	59.1	59.0	-0.1	-0.2%	87.7%	51.2	51.3	0.0	0.0%	87.7%	43.4	43.4	0.0	0.2%	87.7%	42.9	43.0	0.0	0.0%
88.9%	59.1 59.1	58.0		-0.2%	88.9%	51.2	51.2	0.0		88.9%	43.4	43.4	0.0	0.0%	88.9%	42.9	43.0	0.1	
			-0.2						0.2%										0.0%
90.1%	59.0	58.9	-0.1	-0.2%	90.1%	51.0	51.0	0.0	0.0%	90.1%	43.0	43.2	0.2	0.5%	90.1%	42.7	42.6	-0.1	-0.2%
91.4%	58.9	58.9	0.0	0.0%	91.4%	50.8	51.0	0.2	0.4%	91.4%	42.9	43.1	0.2	0.5%	91.4%	42.6	42.6	0.0	0.0%
92.6%	58.7	58.8	0.1	0.2%	92.6%	50.8	51.0	0.2	0.4%	92.6%	42.9	43.0	0.1	0.2%	92.6%	42.4	42.3	-0.1	-0.2%
93.8%	58.6	58.7	0.1	0.2%	93.8%	50.6	50.8	0.2	0.4%	93.8%	42.7	42.8	0.1	0.2%	93.8%	42.0	42.3	0.3	0.7%
95.1%	58.5	58.6	0.1	0.2%	95.1%	50.6	50.7	0.1	0.2%	95.1%	42.7	42.7	0.0	0.0%	95.1%	41.6	41.7	0.1	0.2%
96.3%	58.5	58.6	0.1	0.2%	96.3%	50.2	50.0	-0.2	-0.4%	96.3%	42.6	42.7	0.1	0.2%	96.3%	41.5	41.5	0.0	0.0%
97.5%	58.4	58.4	0.0	0.0%	97.5%	49.9	49.8	-0.1	-0.2%	97.5%	41.6	41.6	0.0	0.0%	97.5%	39.7	39.7	0.0	0.0%
98.8%	58.3	58.3	0.0	0.0%	98.8%	48.5	48.4	-0.1	-0.2%	98.8%	41.1	41.1	0.0	0.0%	98.8%	39.3	39.3	0.0	0.0%
100.0%	58.3	58.3	0.0	0.0%	100.0%	48.5	48.4	-0.1	-0.2%	100.0%	41.1	41.1	0.0	0.0%	100.0%	39.3	39.3	0.0	0.0%
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Table SQ-12-9b
Sacramento River at American River, Monthly Temperature
Probability of Exceedance

									Probability	of Exceedance									
Percent		February			Percent		March			Percent		April			Percent		May		
Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative
Probability	Monthly Temperature		Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature		Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature		Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature		Difference (DEG-F)	Difference (%)
0.0%	(DEG-F) 53.8	(DEG-F) 53.7	-0.1	-0.2%	(%) 0.0%	(DEG-F) 60.5	(DEG-F) 60.4	-0.1	-0.2%		(DEG-F) 65.4	(DEG-F) 65.6	0.2	0.3%		(DEG-F) 73.4	(DEG-F) 73.4	0.0	0.0%
1.2%	53.6	53.7	0.3	0.6%	1.2%	59.3	59.4	0.1	0.2%	1.2%	65.4	65.3	-0.1	-0.2%	1.2%	73.4	73.4	0.0	0.0%
2.5%	52.5	52.8	0.3	0.6%	2.5%	57.9	58.1	0.2	0.3%	2.5%	65.2	65.0	-0.2	-0.3%	2.5%	71.0	71.1	0.1	0.1%
3.7%	52.3	52.5	0.2	0.4%	3.7%	57.8	57.9	0.1	0.2%	3.7%	64.6	64.6	0.0	0.0%	3.7%	70.6	70.6	0.0	0.0%
4.9%	52.2	52.2	0.0	0.0%	4.9%	57.8	57.8	0.0	0.0%	4.9%	64.6	64.5	-0.1	-0.2%	4.9%	70.1	70.1	0.0	0.0%
6.2% 7.4%	51.9 51.7	52.0 51.9	0.1	0.2%	6.2% 7.4%	57.5 57.3	57.7 57.5	0.2	0.3%	6.2% 7.4%	64.4 64.3	64.5 64.3	0.1	0.2%	6.2% 7.4%	69.7 69.6	69.7 69.6	0.0	0.0%
8.6%	51.6	51.7	0.1	0.2%	8.6%	57.2	57.3	0.2	0.2%	8.6%	64.1	64.3	0.0	0.3%	8.6%	69.4	69.3	-0.1	-0.1%
9.9%	51.5	51.6	0.1	0.2%	9.9%	57.2	57.3	0.1	0.2%	9.9%	64.0	64.2	0.2	0.3%	9.9%	68.9	68.9	0.0	0.0%
11.1%	51.5	51.5	0.0	0.0%	11.1%	56.7	57.2	0.5	0.9%	11.1%	63.9	64.0	0.1	0.2%	11.1%	68.8	68.7	-0.1	-0.1%
12.3%	51.3	51.5	0.2	0.4%	12.3%	56.7	56.9	0.2	0.4%	12.3% 13.6%	63.6	63.9	0.3	0.5%	12.3%	68.6	68.4 68.4	-0.2	-0.3%
13.6% 14.8%	51.2 51.2	51.3 51.3	0.1	0.2%	13.6% 14.8%	56.5 56.4	56.8 56.7	0.3	0.5%	13.6%	63.2 63.2	63.3 63.2	0.1	0.2%	13.6% 14.8%	68.4 68.3	68.2	0.0	0.0%
16.0%	51.1	51.2	0.1	0.2%	16.0%	56.2	56.4	0.2	0.4%	16.0%	63.0	63.2	0.2	0.3%	16.0%	68.1	68.1	0.0	0.0%
17.3%	51.0	51.1	0.1	0.2%	17.3%	56.1	56.4	0.3	0.5%	17.3%	63.0	63.2	0.2	0.3%	17.3%	68.1	68.1	0.0	0.0%
18.5%	51.0	51.0	0.0	0.0%	18.5%	56.1	56.3	0.2	0.4%	18.5%	62.9	63.1	0.2	0.3%	18.5%	67.9	68.1	0.2	0.3%
19.8% 21.0%	50.9 50.9	50.9 50.7	0.0 -0.2	0.0%	19.8% 21.0%	56.1 56.1	56.2 56.1	0.1	0.2%	19.8% 21.0%	62.9 62.8	63.0 63.0	0.1 0.2	0.2%	19.8% 21.0%	67.9 67.8	67.9 67.9	0.0 0.1	0.0%
22.2%	50.7	50.7	0.0	0.0%	22.2%	56.0	56.0	0.0	0.0%	22.2%	62.7	62.8	0.1	0.2%	22.2%	67.6	67.6	0.0	0.0%
23.5%	50.7	50.7	0.0	0.0%	23.5%	55.9	55.9	0.0	0.0%	23.5%	62.6	62.7	0.1	0.2%	23.5%	67.6	67.6	0.0	0.0%
24.7%	50.6	50.7	0.1	0.2%	24.7%	55.7	55.9	0.2	0.4%	24.7%	62.5	62.5	0.0	0.0%	24.7%	67.4	67.4	0.0	0.0%
25.9% 27.2%	50.6 50.6	50.5 50.5	-0.1 -0.1	-0.2% -0.2%	25.9% 27.2%	55.5 55.4	55.8 55.7	0.3	0.5%	25.9% 27.2%	62.5 62.3	62.3 62.3	-0.2 0.0	-0.3% 0.0%	25.9% 27.2%	67.3 67.2	67.4 67.2	0.1	0.1%
28.4%	50.5	50.5	0.0	0.0%	28.4%	55.3	55.6	0.3	0.5%	28.4%	62.1	62.2	0.0	0.2%	28.4%	67.2	67.2	0.0	0.0%
29.6%	50.3	50.5	0.2	0.4%	29.6%	55.2	55.5	0.3	0.5%	29.6%	62.1	62.1	0.0	0.0%	29.6%	67.1	67.2	0.1	0.1%
30.9%	50.3	50.3	0.0	0.0%	30.9%	55.2	55.4	0.2	0.4%	30.9%	62.0	62.1	0.1	0.2%	30.9%	67.1	67.1	0.0	0.0%
32.1%	50.2	50.1 50.1	-0.1	-0.2%	32.1%	55.1	55.4 55.2	0.3	0.5%	32.1%	61.9	62.0	0.1	0.2%	32.1%	67.1	67.0	-0.1	-0.1%
33.3% 34.6%	50.1 50.0	50.1	0.0	0.0%	33.3% 34.6%	55.1 55.1	55.2 55.1	0.1	0.2%	33.3% 34.6%	61.6 61.5	61.6 61.5	0.0	0.0%	33.3% 34.6%	67.0 66.9	66.9 66.9	-0.1 0.0	-0.1% 0.0%
35.8%	49.9	50.0	0.1	0.2%	35.8%	55.1	55.1	0.0	0.0%	35.8%	61.4	61.4	0.0	0.0%	35.8%	66.9	66.8	-0.1	-0.1%
37.0%	49.8	49.9	0.1	0.2%	37.0%	55.1	55.1	0.0	0.0%	37.0%	61.4	61.3	-0.1	-0.2%	37.0%	66.8	66.7	-0.1	-0.1%
38.3%	49.8	49.8	0.0	0.0%	38.3%	55.0	55.1	0.1	0.2%	38.3%	61.3	61.3	0.0	0.0%	38.3%	66.8	66.7	-0.1	-0.1%
39.5% 40.7%	49.7 49.7	49.8 49.7	0.1	0.2%	39.5% 40.7%	54.9 54.9	55.0 55.0	0.1 0.1	0.2%	39.5% 40.7%	61.2 61.2	61.3 61.3	0.1 0.1	0.2%	39.5% 40.7%	66.8 66.7	66.7 66.6	-0.1 -0.1	-0.1%
42.0%	49.7	49.7	0.0	0.0%	42.0%	54.9 54.7	55.0	0.1	0.2%	40.7%	61.2	61.3	0.1	0.2%	42.0%	66.6	66.6	0.0	-0.1% 0.0%
43.2%	49.6	49.6	0.0	0.0%	43.2%	54.6	54.9	0.3	0.5%	43.2%	61.1	61.2	0.1	0.2%	43.2%	66.6	66.5	-0.1	-0.2%
44.4%	49.5	49.5	0.0	0.0%	44.4%	54.5	54.8	0.3	0.6%	44.4%	60.9	61.1	0.2	0.3%	44.4%	66.5	66.5	0.0	0.0%
45.7%	49.5	49.5	0.0	0.0%	45.7%	54.4	54.6	0.2	0.4%	45.7%	60.9	61.0	0.1	0.2%	45.7%	66.5	66.5	0.0	0.0%
46.9% 48.1%	49.5 49.4	49.5 49.4	0.0	0.0%	46.9% 48.1%	54.3 54.3	54.4 54.4	0.1 0.1	0.2% 0.2%	46.9% 48.1%	60.8 60.8	60.9 60.9	0.1 0.1	0.2% 0.2%	46.9% 48.1%	66.2 66.2	66.5 66.5	0.3 0.3	0.5% 0.5%
49.4%	49.4	49.4	0.0	0.0%	49.4%	54.2	54.4	0.1	0.4%	49.4%	60.8	60.8	0.0	0.2%	49.4%	66.1	66.1	0.0	0.0%
50.6%	49.3	49.3	0.0	0.0%	50.6%	54.2	54.3	0.1	0.2%	50.6%	60.8	60.8	0.0	0.0%	50.6%	66.0	66.0	0.0	0.0%
51.9%	49.3	49.3	0.0	0.0%	51.9%	54.1	54.3	0.2	0.4%	51.9%	60.7	60.7	0.0	0.0%	51.9%	65.9	66.0	0.1	0.2%
53.1% 54.3%	49.2 49.2	49.3 49.2	0.1	0.2%	53.1% 54.3%	54.1 54.0	54.1 54.1	0.0 0.1	0.0%	53.1% 54.3%	60.6 60.6	60.7 60.6	0.1	0.2%	53.1% 54.3%	65.9 65.8	66.0 65.9	0.1 0.1	0.2%
55.6%	49.2	49.2	0.0	0.0%	55.6%	54.0	54.1	0.1	0.2%	55.6%	60.6	60.6	0.0	0.0%	55.6%	65.7	65.7	0.0	0.2%
56.8%	49.2	49.2	0.0	0.0%	56.8%	53.9	54.0	0.1	0.2%	56.8%	60.5	60.6	0.1	0.2%	56.8%	65.7	65.7	0.0	0.0%
58.0%	49.1	49.2	0.1	0.2%	58.0%	53.9	54.0	0.1	0.2%	58.0%	60.5	60.5	0.0	0.0%	58.0%	65.2	65.3	0.1	0.2%
59.3%	49.1	49.2	0.1	0.2%	59.3%	53.8	53.9	0.1	0.2%	59.3%	60.1	60.1	0.0	0.0%	59.3%	65.1	65.2	0.1	0.2%
60.5% 61.7%	49.1 49.0	49.1 49.1	0.0	0.0%	60.5% 61.7%	53.8 53.8	53.9 53.9	0.1	0.2%	60.5% 61.7%	60.0 59.6	60.0 59.9	0.0	0.0%	60.5% 61.7%	65.1 65.0	65.1 65.1	0.0	0.0%
63.0%	49.0	49.1	0.1	0.2%	63.0%	53.8	53.8	0.0	0.2%	63.0%	59.6	59.9	0.3	0.5%	63.0%	65.0	65.1	0.1	0.2%
64.2%	48.9	49.0	0.1	0.2%	64.2%	53.7	53.7	0.0	0.0%	64.2%	59.6	59.6	0.0	0.0%	64.2%	64.9	65.0	0.1	0.2%
65.4%	48.8	49.0	0.2	0.4%	65.4%	53.6	53.7	0.1	0.2%	65.4%	59.6	59.6	0.0	0.0%	65.4%	64.8	64.8	0.0	0.0%
66.7%	48.8	48.9	0.1	0.2%	66.7%	53.5	53.6	0.1	0.2%	66.7%	59.5	59.5	0.0	0.0%	66.7%	64.6	64.7	0.1	0.2%
67.9% 69.1%	48.8 48.8	48.9 48.8	0.1	0.2%	67.9% 69.1%	53.2 53.2	53.5 53.5	0.3	0.6%	67.9% 69.1%	59.3 59.3	59.3 59.2	0.0 -0.1	0.0% -0.2%	67.9% 69.1%	64.6 64.5	64.6 64.5	0.0	0.0%
70.4%	48.7	48.8	0.0	0.2%	70.4%	53.1	53.1	0.0	0.0%	70.4%	59.2	59.2	0.0	0.0%	70.4%	64.3	64.2	-0.1	-0.2%
71.6%	48.7	48.7	0.0	0.0%	71.6%	53.1	53.1	0.0	0.0%	71.6%	59.1	59.0	-0.1	-0.2%	71.6%	64.2	64.2	0.0	0.0%
72.8%	48.7	48.7	0.0	0.0%	72.8%	52.9	53.0	0.1	0.2%	72.8%	59.1	59.0	-0.1	-0.2%	72.8%	64.2	64.2	0.0	0.0%
74.1% 75.3%	48.6 48.5	48.7 48.6	0.1 0.1	0.2%	74.1% 75.3%	52.8 52.6	52.9 52.9	0.1	0.2%	74.1% 75.3%	59.0 58.5	58.9 58.5	-0.1 0.0	-0.2% 0.0%	74.1% 75.3%	63.9 63.8	63.9 63.9	0.0 0.1	0.0% 0.2%
76.5%	48.5	48.6	0.1	0.2%	76.5%	52.5	52.8	0.3	0.6%	76.5%	58.4	58.4	0.0	0.0%	76.5%	63.6	63.9	0.1	0.5%
77.8%	48.5	48.5	0.0	0.0%	77.8%	52.5	52.7	0.2	0.4%	77.8%	58.4	58.4	0.0	0.0%	77.8%	63.6	63.8	0.2	0.3%
79.0%	48.4	48.4	0.0	0.0%	79.0%	52.4	52.5	0.1	0.2%	79.0%	58.4	58.4	0.0	0.0%	79.0%	63.5	63.5	0.0	0.0%
80.2%	48.4	48.4	0.0	0.0%	80.2%	52.4	52.5	0.1	0.2%	80.2%	57.8 57.7	58.1	0.3	0.5%	80.2%	63.4	63.5	0.1	0.2%
81.5% 82.7%	48.4 48.2	48.3 48.1	-0.1 -0.1	-0.2% -0.2%	81.5% 82.7%	52.4 52.2	52.4 52.3	0.0	0.0%	81.5% 82.7%	57.7 57.6	57.8 57.6	0.1	0.2%	81.5% 82.7%	63.3 63.1	63.4 63.1	0.1	0.2%
84.0%	48.1	48.1	0.0	0.0%	84.0%	52.1	52.2	0.1	0.2%	84.0%	57.5	57.6	0.0	0.2%	84.0%	63.0	63.0	0.0	0.0%
85.2%	48.1	48.1	0.0	0.0%	85.2%	52.0	52.1	0.1	0.2%	85.2%	57.5	57.5	0.0	0.0%	85.2%	63.0	63.0	0.0	0.0%
86.4%	48.1	48.1	0.0	0.0%	86.4%	52.0	52.1	0.1	0.2%	86.4%	57.4	57.5	0.1	0.2%	86.4%	62.9	62.9	0.0	0.0%
87.7%	48.0	48.0	0.0	0.0%	87.7%	52.0	52.1	0.1	0.2%	87.7%	57.4	57.4	0.0	0.0%	87.7%	62.7	62.9	0.2	0.3%
88.9% 90.1%	47.9 47.8	48.0 47.9	0.1	0.2%	88.9% 90.1%	52.0 51.9	52.0 51.9	0.0	0.0%	88.9% 90.1%	57.3 57.2	57.3 57.2	0.0	0.0%	88.9% 90.1%	62.7 62.6	62.7 62.7	0.0	0.0%
91.4%	47.6	47.6	0.0	0.0%	91.4%	51.7	51.9	0.0	0.4%	91.4%	57.2	57.2	0.0	0.0%	91.4%	62.5	62.6	0.1	0.2%
92.6%	47.4	47.5	0.1	0.2%	92.6%	51.6	51.7	0.1	0.2%	92.6%	56.5	56.9	0.4	0.7%	92.6%	62.5	62.6	0.1	0.2%
93.8%	47.3	47.4	0.1	0.2%	93.8%	51.6	51.6	0.0	0.0%	93.8%	56.3	56.3	0.0	0.0%	93.8%	62.2	62.5	0.3	0.5%
95.1%	47.2	47.2	0.0	0.0%	95.1%	51.4	51.4	0.0	0.0%	95.1%	56.2	56.2	0.0	0.0%	95.1%	62.1	62.2	0.1	0.2%
96.3% 97.5%	47.1 47.0	47.2 47.1	0.1	0.2%	96.3% 97.5%	51.3 51.3	51.3 51.3	0.0	0.0%	96.3% 97.5%	56.1 55.0	56.1 55.0	0.0	0.0%	96.3% 97.5%	61.3 61.2	61.3 61.3	0.0	0.0%
98.8%	46.3	46.3	0.0	0.0%	98.8%	51.0	51.1	0.1	0.2%	98.8%	54.2	54.2	0.0	0.0%	98.8%	60.1	60.1	0.0	0.0%
100.0%	46.3	46.3	0.0	0.0%	100.0%	51.0	51.1	0.1	0.2%	100.0%	54.2	54.2	0.0	0.0%	100.0%	60.1	60.1	0.0	0.0%

Table SQ-12-9b Sacramento River at American River, Monthly Temperature Probability of Exceedance

August

September

Percent																			
Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)				(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	74.2	74.3	0.1	0.1%	0.0%	77.2	76.9	-0.3	-0.4%	0.0%	75.0	74.7	-0.3	-0.4%	0.0%	73.1	72.9	-0.2	-0.3%
1.2%	73.9	74.2	0.3	0.4%	1.2%	76.2	76.3	0.1	0.1%	1.2%	74.8	74.4	-0.4	-0.5%	1.2%	71.4	71.8	0.4	0.6%
2.5%	73.5	73.8	0.3	0.4%	2.5%	76.1	75.9	-0.2	-0.3%	2.5%	74.7	74.4	-0.3	-0.4%	2.5%	71.3	71.4	0.1	0.1%
3.7%	73.1	73.8	0.7	1.0%	3.7%	74.8	74.6	-0.2	-0.3%	3.7%	74.7	74.2	-0.5	-0.7%	3.7%	71.3	71.4	0.1	0.1%
4.9%	73.0	73.7	0.7	1.0%	4.9%	74.5	74.4	-0.1	-0.1%	4.9%	74.5	74.1	-0.4	-0.5%	4.9%	71.1	71.1	0.0	0.0%
6.2%	72.9	73.2	0.3	0.4%	6.2%	74.2	74.4	0.2	0.3%	6.2%	74.2	74.1	-0.1	-0.1%	6.2%	71.1	71.0	-0.1	-0.1%
7.4%	72.8	73.0	0.2	0.3%	7.4%	74.0	74.3	0.3	0.4%	7.4%	74.1	73.9	-0.2	-0.3%	7.4%	71.0	71.0	0.0	0.0%
8.6%	72.7	72.9	0.2	0.3%	8.6%	73.7	74.0	0.3	0.4%	8.6%	74.1	73.9	-0.2	-0.3%	8.6%	71.0	70.9	-0.1	-0.1%
9.9%	72.4	72.9	0.5	0.7%	9.9%	73.6	73.9	0.3	0.4%	9.9%	74.0	73.9	-0.1	-0.1%	9.9%	70.8	70.8	0.0	0.0%
11.1%	72.3	72.7	0.4	0.6%	11.1%	73.6	73.8	0.2	0.3%	11.1%	74.0	73.7	-0.3	-0.4%	11.1%	70.8	70.6	-0.2	-0.3%
12.3%	72.2	72.7	0.5	0.7%	12.3%	73.5	73.6	0.1	0.1%	12.3%	73.9	73.7	-0.2	-0.3%	12.3%	70.6	70.3	-0.3	-0.4%
13.6%	72.2	72.6	0.4	0.6%	13.6%	73.5	73.6	0.1	0.1%	13.6%	73.7	73.3	-0.4	-0.5%	13.6%	70.4	70.2	-0.2	-0.3%
14.8%	72.2	72.5	0.3	0.4%	14.8%	73.4	73.5	0.1	0.1%	14.8%	73.5	73.3	-0.2	-0.3%	14.8%	70.3	70.1	-0.2	-0.3%
16.0%	72.1	72.5	0.4	0.6%	16.0%	73.3	73.4	0.1	0.1%	16.0%	73.4	73.3	-0.1	-0.1%	16.0%	70.3	70.0	-0.3	-0.4%
17.3% 18.5%	72.0	72.5 72.3	0.5	0.7%	17.3% 18.5%	73.2	73.4		0.3%	17.3% 18.5%	73.4	73.2	-0.2	-0.3%	17.3% 18.5%	70.3	69.9	-0.4 -0.1	-0.6%
18.5%	71.9 71.6	72.3	0.4	0.6%	18.5%	73.2 73.1	73.4 73.2	0.2	0.3%	18.5%	73.3 73.2	73.2 73.2	-0.1 0.0	-0.1%	18.5% 19.8%	70.0 69.9	69.9 69.8	-0.1	-0.1% -0.1%
21.0%	71.5	71.9	0.7	0.6%	21.0%	73.1	73.2	0.1	0.1%	21.0%	73.2	73.1	-0.1	-0.1%	21.0%	69.9	69.8	-0.1	-0.1%
22.2%	71.5	71.9	0.4	0.6%	22.2%	73.1	73.2	0.1	0.1%	22.2%	72.9	73.0	0.1	0.1%	22.2%	69.8	69.7	-0.1	-0.1%
23.5%	71.3	71.8	0.4	0.7%	23.5%	73.1	73.2	0.1	0.1%	23.5%	72.9	73.0	0.1	0.1%	23.5%	69.7	69.4	-0.1	-0.1%
24.7%	71.2	71.8	0.6	0.8%	24.7%	73.1	73.0	-0.1	-0.1%	24.7%	72.8	72.8	0.0	0.0%	24.7%	69.3	69.4	0.1	0.1%
25.9%	71.2	71.6	0.4	0.6%	25.9%	73.0	73.0	0.0	0.0%	25.9%	72.8	72.8	0.0	0.0%	25.9%	69.3	69.3	0.0	0.0%
27.2%	71.2	71.5	0.3	0.4%	27.2%	73.0	73.0	0.0	0.0%	27.2%	72.7	72.8	0.1	0.1%	27.2%	69.2	69.3	0.1	0.1%
28.4%	71.1	71.3	0.2	0.3%	28.4%	73.0	72.9	-0.1	-0.1%	28.4%	72.7	72.7	0.0	0.0%	28.4%	69.1	69.3	0.2	0.3%
29.6%	71.1	71.3	0.2	0.3%	29.6%	72.9	72.9	0.0	0.0%	29.6%	72.7	72.6	-0.1	-0.1%	29.6%	69.1	69.2	0.1	0.1%
30.9%	71.0	71.3	0.2	0.4%	30.9%	72.9	72.9	0.0	0.0%	30.9%	72.7	72.5	-0.1	-0.1%	30.9%	69.1	69.2	0.1	0.1%
32.1%	70.9	71.2	0.3	0.4%	32.1%	72.9	72.9	0.0	0.0%	32.1%	72.6	72.5	-0.2	-0.1%	32.1%	69.1	69.1	0.0	0.1%
33.3%	70.9	71.2	0.3	0.4%	33.3%	72.9	72.8	-0.1	-0.1%	33.3%	72.6	72.4	-0.1	-0.3%	33.3%	68.9	69.0	0.1	0.1%
34.6%	70.9	71.2	0.3	0.4%	34.6%	72.8	72.8	0.0	0.0%	34.6%	72.5	72.3	-0.2	-0.3%	34.6%	68.9	69.0	0.1	0.1%
35.8%	70.8	71.2	0.4	0.6%	35.8%	72.8	72.7	-0.1	-0.1%	35.8%	72.4	72.2	-0.2	-0.3%	35.8%	68.9	68.9	0.0	0.0%
37.0%	70.8	71.1	0.3	0.4%	37.0%	72.7	72.7	0.0	0.0%	37.0%	72.2	72.2	0.0	0.0%	37.0%	68.7	68.7	0.0	0.0%
38.3%	70.8	71.1	0.3	0.4%	38.3%	72.6	72.6	0.0	0.0%	38.3%	72.2	72.1	-0.1	-0.1%	38.3%	68.7	68.5	-0.2	-0.3%
39.5%	70.7	71.0	0.3	0.4%	39.5%	72.6	72.6	0.0	0.0%	39.5%	72.2	72.1	-0.1	-0.1%	39.5%	68.7	68.4	-0.3	-0.4%
40.7%	70.7	71.0	0.3	0.4%	40.7%	72.5	72.5	0.0	0.0%	40.7%	72.2	72.1	-0.1	-0.1%	40.7%	68.3	68.4	0.1	0.1%
42.0%	70.6	70.8	0.2	0.3%	42.0%	72.4	72.5	0.1	0.1%	42.0%	72.2	72.0	-0.2	-0.3%	42.0%	68.3	68.2	-0.1	-0.1%
43.2%	70.6	70.8	0.2	0.3%	43.2%	72.4	72.5	0.1	0.1%	43.2%	72.0	72.0	0.0	0.0%	43.2%	68.2	68.2	0.0	0.0%
44.4%	70.6	70.8	0.2	0.3%	44.4%	72.4	72.5	0.1	0.1%	44.4%	71.9	71.9	0.0	0.0%	44.4%	68.1	68.2	0.1	0.1%
45.7%	70.5	70.5	0.0	0.0%	45.7%	72.3	72.4	0.1	0.1%	45.7%	71.9	71.8	-0.1	-0.1%	45.7%	68.1	68.1	0.0	0.0%
46.9%	70.5	70.5	0.0	0.0%	46.9%	72.3	72.4	0.1	0.1%	46.9%	71.9	71.6	-0.3	-0.4%	46.9%	68.1	67.9	-0.2	-0.3%
48.1%	70.5	70.5	0.0	0.0%	48.1%	72.2	72.3	0.1	0.1%	48.1%	71.8	71.6	-0.2	-0.3%	48.1%	68.1	67.8	-0.3	-0.4%
49.4%	70.4	70.4	0.0	0.0%	49.4%	72.2	72.2	0.0	0.0%	49.4%	71.6	71.6	0.0	0.0%	49.4%	67.8	67.7	-0.1	-0.1%
50.6%	70.3	70.3	0.0	0.0%	50.6%	72.2	72.2	0.0	0.0%	50.6%	71.5	71.5	0.0	0.0%	50.6%	67.7	67.6	-0.1	-0.1%
51.9%	70.3	70.3	0.0	0.0%	51.9%	72.2	72.1	-0.1	-0.1%	51.9%	71.4	71.4	0.0	0.0%	51.9%	67.7	67.6	-0.1	-0.1%
53.1%	70.2	70.3	0.1	0.1%	53.1%	72.1	72.0	-0.1	-0.1%	53.1%	71.4	71.4	0.0	0.0%	53.1%	67.6	67.6	0.0	0.0%
54.3%	70.2	70.3	0.1	0.1%	54.3%	72.1	72.0	-0.1	-0.1%	54.3%	71.3	71.4	0.1	0.1%	54.3%	67.6	67.3	-0.3	-0.4%
55.6%	70.1	70.2	0.1	0.1%	55.6%	72.0	71.9	-0.1	-0.1%	55.6%	71.2	71.3	0.1	0.1%	55.6%	67.5	67.2	-0.3	-0.4%
56.8%	70.1	70.1	0.0	0.0%	56.8%	71.8	71.9	0.1	0.1%	56.8%	71.1	71.3	0.2	0.3%	56.8%	67.5	67.1	-0.4	-0.6%
58.0%	70.0	70.0	0.0	0.0%	58.0%	71.8	71.9	0.1	0.1%	58.0%	71.1	71.2	0.1	0.1%	58.0%	67.3	67.1	-0.2	-0.3%
59.3%	70.0	70.0	0.0	0.0%	59.3%	71.7	71.8	0.1	0.1%	59.3%	71.1	71.2	0.1	0.1%	59.3%	67.3	67.0	-0.3	-0.4%
60.5% 61.7%	69.8 69.8	69.9 69.8	0.1	0.1%	60.5% 61.7%	71.6 71.6	71.8 71.7	0.2 0.1	0.3% 0.1%	60.5% 61.7%	71.1 71.0	71.2 71.2	0.1 0.2	0.1%	60.5% 61.7%	67.3 67.2	67.0 66.8	-0.3 -0.4	-0.4%
63.0%	69.8	69.8	0.0		63.0%	71.6	71.6	0.0		63.0%					63.0%	67.2	66.8	-0.4	-0.6%
64.2%	69.7	69.7	0.0	0.0%	64.2%	71.5	71.6	0.0	0.0% 0.1%	64.2%	71.0 71.0	71.1 71.1	0.1 0.1	0.1% 0.1%	64.2%	66.9	66.7	-0.4	-0.6% -0.3%
65.4%	69.6	69.7	0.0	0.1%	65.4%	71.5	71.6	0.1	0.1%	65.4%	70.9	71.0	0.1	0.1%	65.4%	66.9	66.7	-0.2	-0.3%
66.7%	69.5	69.6	0.1	0.1%	66.7%	71.5	71.5	0.0	0.0%	66.7%	70.9	71.0	0.1	0.1%	66.7%	66.9	66.6	-0.2	-0.4%
67.9%	69.4	69.6	0.2	0.3%	67.9%	71.4	71.5	0.1	0.1%	67.9%	70.8	71.0	0.2	0.3%	67.9%	66.8	66.6	-0.2	-0.3%
69.1%	69.3	69.5	0.2	0.3%	69.1%	71.4	71.5	0.1	0.1%	69.1%	70.7	70.9	0.2	0.3%	69.1%	66.7	66.6	-0.2	-0.1%
70.4%	69.3	69.4	0.1	0.1%	70.4%	71.4	71.4	0.0	0.0%	70.4%	70.7	70.9	0.2	0.3%	70.4%	66.7	66.6	-0.1	-0.1%
71.6%	69.2	69.4	0.2	0.3%	71.6%	71.4	71.4	0.0	0.0%	71.6%	70.6	70.8	0.2	0.3%	71.6%	66.5	66.5	0.0	0.0%
72.8%	69.1	69.2	0.1	0.1%	72.8%	71.4	71.3	-0.1	-0.1%	72.8%	70.6	70.8	0.2	0.3%	72.8%	66.4	66.5	0.1	0.2%
74.1%	69.1	69.2	0.1	0.1%	74.1%	71.3	71.3	0.0	0.0%	74.1%	70.5	70.8	0.3	0.4%	74.1%	66.4	66.5	0.1	0.2%
75.3%	69.1	69.1	0.0	0.0%	75.3%	71.3	71.2	-0.1	-0.1%	75.3%	70.5	70.8	0.3	0.4%	75.3%	66.4	66.4	0.0	0.0%
76.5%	68.9	69.1	0.2	0.3%	76.5%	71.3	71.2	-0.1	-0.1%	76.5%	70.5	70.7	0.2	0.3%	76.5%	66.4	66.4	0.0	0.0%
77.8%	68.7	68.7	0.0	0.0%	77.8%	71.2	71.2	0.0	0.0%	77.8%	70.5	70.6	0.1	0.1%	77.8%	66.3	66.3	0.0	0.0%
79.0%	68.7	68.6	-0.1	-0.1%	79.0%	71.1	71.2	0.1	0.1%	79.0%	70.5	70.6	0.1	0.1%	79.0%	66.3	66.3	0.0	0.0%
80.2%	68.6	68.6	0.0	0.0%	80.2%	71.1	71.2	0.1	0.1%	80.2%	70.4	70.6	0.2	0.3%	80.2%	66.2	66.2	0.0	0.0%
81.5%	68.4	68.4	0.0	0.0%	81.5%	71.0	71.0	0.0	0.0%	81.5%	70.4	70.6	0.2	0.3%	81.5%	66.2	66.1	-0.1	-0.2%
82.7%	68.4	68.3	-0.1	-0.1%	82.7%	70.9	71.0	0.1	0.1%	82.7%	70.4	70.5	0.1	0.1%	82.7%	66.0	66.1	0.1	0.2%
84.0%	68.2	68.2	0.0	0.0%	84.0%	70.8	71.0	0.2	0.3%	84.0%	70.2	70.5	0.3	0.4%	84.0%	65.9	66.0	0.1	0.2%
85.2%	68.1	68.1	0.0	0.0%	85.2%	70.7	70.7	0.0	0.0%	85.2%	70.2	70.5	0.3	0.4%	85.2%	65.9	65.9	0.0	0.0%
86.4%	67.8	67.9	0.1	0.1%	86.4%	70.6	70.7	0.1	0.1%	86.4%	70.1	70.5	0.4	0.6%	86.4%	65.8	65.8	0.0	0.0%
87.7%	67.6	67.4	-0.2	-0.3%	87.7%	70.5	70.6	0.1	0.1%	87.7%	70.0	70.4	0.4	0.6%	87.7%	65.3	65.7	0.4	0.6%
88.9%	67.4	67.4	0.0	0.0%	88.9%	70.3	70.4	0.1	0.1%	88.9%	70.0	70.3	0.3	0.4%	88.9%	65.2	65.7	0.5	0.8%
90.1%	67.2	67.4	0.2	0.3%	90.1%	70.2	70.2	0.0	0.0%	90.1%	69.9	70.1	0.2	0.3%	90.1%	65.2	65.5	0.3	0.5%
91.4%	67.2	67.2	0.0	0.0%	91.4%	70.1	69.9	-0.2	-0.3%	91.4%	69.9	70.1	0.2	0.3%	91.4%	65.0	64.8	-0.2	-0.3%
92.6%	66.7	66.7	0.0	0.0%	92.6%	70.0	69.8	-0.2	-0.3%	92.6%	69.7	70.0	0.3	0.4%	92.6%	64.7	64.6	-0.1	-0.2%
93.8%	66.6	66.6	0.0	0.0%	93.8%	70.0	69.6	-0.4	-0.6%	93.8%	69.5	70.0	0.5	0.7%	93.8%	64.0	63.9	-0.1	-0.2%
95.1%	66.6	66.6	0.0	0.0%	95.1%	69.7	69.1	-0.6	-0.9%	95.1%	69.4	69.4	0.0	0.0%	95.1%	63.9	63.8	-0.1	-0.2%
96.3%	66.4	66.4	0.0	0.0%	96.3%	69.2	69.0	-0.2	-0.3%	96.3%	69.1	69.3	0.2	0.3%	96.3%	63.5	63.5	0.0	0.0%
97.5%	66.4	66.4	0.0	0.0%	97.5%	68.9	69.0	0.1	0.1%	97.5%	69.1	69.3	0.2	0.3%	97.5%	63.0	62.9	-0.1	-0.2%
98.8%	65.6	65.5	-0.1	-0.2%	98.8%	68.9	68.7	-0.2	-0.3%	98.8%	68.6	68.9	0.3	0.4%	98.8%	62.7	62.8	0.1	0.2%
100.0%	65.6	65.5	-0.1	-0.2%	100.0%	68.9	68.7	-0.2	-0.3%	100.0%	68.6	68.9	0.3	0.4%	100.0%	62.7	62.8	0.1	0.2%

Table SQ-13-9a Sacramento River at Feather River, Monthly Temperature Long-term Average and Average by Water Year Type

					Mon	thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Loi	ng-term							
Full Simulation Period ¹												
No Action Alternative	60.6	52.4	45.6	44.8	49.5	54.2	60.5	66.0	70.3	72.1	71.6	67.6
Alternative D	60.6	52.4	45.6	44.9	49.6	54.3	60.6	66.1	70.5	72.1	71.7	67.5
Difference	-0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.2	-0.1	0.1	-0.1
Percent Difference ³	-0.1%	0.0%	0.1%	0.1%	0.1%	0.3%	0.1%	0.1%	0.3%	-0.1%	0.1%	-0.19
				Water Y	ear Types	2						
Wet (32%)												
No Action Alternative	60.1	52.9	46.1	45.8	49.5	53.1	58.4	64.3	69.3	72.4	71.5	65.4
Alternative D	60.0	52.8	46.2	45.8	49.5	53.1	58.4	64.4	69.3	72.3	72.0	65.3
Difference	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.4	-0.1
Percent Difference	-0.2%	-0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.6%	-0.29
Above Normal (15%)												
No Action Alternative	60.1	51.4	45.4	44.9	49.3	53.8	60.4	66.4	70.5	71.2	70.6	66.5
Alternative D	59.9	51.4	45.5	44.9	49.3	54.0	60.5	66.4	70.7	71.0	70.8	66.5
Difference	-0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.2	-0.3	0.2	0.0
Percent Difference	-0.3%	0.1%	0.0%	0.1%	0.1%	0.2%	0.1%	0.1%	0.3%	-0.4%	0.3%	0.0%
Below Normal (17%)												
No Action Alternative	60.5	52.3	45.6	44.2	48.9	54.3	61.0	66.4	70.5	72.2	71.6	69.2
Alternative D	60.4	52.4	45.6	44.2	48.9	54.6	61.1	66.4	70.8	71.9	71.8	69.2
Difference	-0.2	0.0	0.1	0.0	0.0	0.2	0.1	0.0	0.3	-0.3	0.2	0.0
Percent Difference	-0.3%	0.1%	0.1%	0.1%	0.1%	0.4%	0.1%	0.1%	0.5%	-0.4%	0.2%	-0.1%
Dry (22%)												
No Action Alternative	60.8	52.4	45.5	44.0	49.4	54.9	61.8	67.0	71.3	71.7	71.1	68.8
Alternative D	60.8	52.5	45.6	44.0	49.4	55.1	61.9	67.0	71.8	71.8	71.1	68.8
Difference	0.0	0.0	0.1	0.0	0.0	0.2	0.1	0.0	0.5	0.1	-0.1	0.0
Percent Difference	0.1%	0.1%	0.1%	0.1%	0.1%	0.4%	0.1%	0.0%	0.6%	0.2%	-0.1%	0.0%
Critical (15%)												
No Action Alternative	62.3	52.4	44.6	44.5	50.4	55.5	62.5	67.3	70.2	73.2	73.1	69.7
Alternative D	62.4	52.4	44.6	44.5	50.5	55.7	62.7	67.7	70.4	73.2	72.4	69.6
Difference	0.1	0.0	0.0	0.1	0.1	0.2	0.2	0.4	0.1	0.0	-0.6	-0.1
Percent Difference	0.1%	0.0%	0.1%	0.2%	0.3%	0.4%	0.3%	0.5%	0.2%	0.0%	-0.9%	-0.29

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



Figure SQ-13-9b
Sacramento River at Feather River, Monthly Temperature

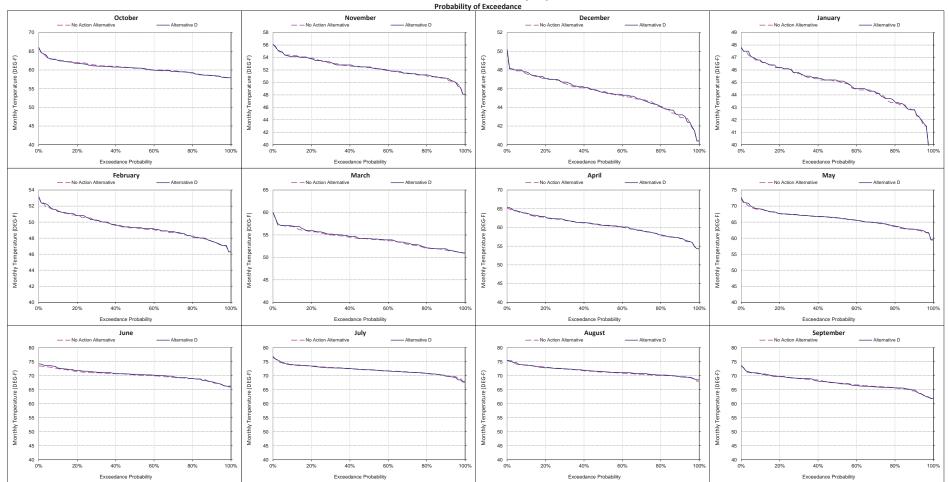


Table SQ-13-9b Sacramento River at Feather River, Monthly Temperature Probability of Exceedance

		October					November					December					January		
Percent Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Percent Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Percent Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Percent Exceedan	No Action Alternative	Alternative D	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	 Difference 	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probabili		Monthly Temperature	- Difference	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	65.9	66.0	0.1	0.2%	0.0%	56.1	56.1	0.0	0.0%	0.0%	50.0	50.2	0.2	0.4%	0.0%	47.8	47.8	0.0	0.0%
1.2%	64.6	64.7	0.1	0.2%	1.2%	55.7	55.8	0.1	0.2%	1.2%	48.1	48.2	0.1	0.2%	1.2%	47.5	47.5	0.0	0.0%
2.5% 3.7%	64.3 63.7	64.3 64.1	0.0	0.0%	2.5% 3.7%	55.1 54.9	55.2 55.0	0.1 0.1	0.2%	2.5% 3.7%	48.1 48.1	48.1 48.0	0.0 -0.1	0.0% -0.2%	2.5% 3.7%	47.5 47.2	47.5 47.5	0.0	0.0%
4.9%	63.0	63.2	0.4	0.3%	4.9%	54.9	54.8	-0.1	-0.2%	4.9%	47.9	48.0	0.1	0.2%	4.9%	47.1	47.3	0.0	0.0%
6.2%	62.9	63.0	0.1	0.2%	6.2%	54.4	54.4	0.0	0.0%	6.2%	47.9	48.0	0.1	0.2%	6.2%	47.0	47.0	0.0	0.0%
7.4%	62.9	62.8	-0.1	-0.2%	7.4%	54.4	54.3	-0.1	-0.2%	7.4%	47.9	48.0	0.1	0.2%	7.4%	46.8	46.9	0.1	0.2%
8.6%	62.9	62.8	-0.1	-0.2%	8.6%	54.4	54.2	-0.2	-0.4%	8.6%	47.8	47.8	0.0	0.0%	8.6%	46.8	46.8	0.0	0.0%
9.9%	62.7	62.6	-0.1	-0.2%	9.9%	54.3	54.2	-0.1	-0.2%	9.9%	47.6	47.8	0.2	0.4%	9.9%	46.7	46.8	0.1	0.2%
11.1%	62.5	62.4	-0.1	-0.2%	11.1%	54.3	54.2	-0.1	-0.2%	11.1%	47.5	47.7	0.2	0.4%	11.1%	46.6	46.6	0.0	0.0%
12.3% 13.6%	62.5 62.3	62.4 62.3	-0.1 0.0	-0.2% 0.0%	12.3% 13.6%	54.3 54.1	54.2 54.1	-0.1 0.0	-0.2% 0.0%	12.3% 13.6%	47.5 47.4	47.5 47.4	0.0	0.0%	12.3% 13.6%	46.6 46.5	46.6 46.5	0.0	0.0%
14.8%	62.2	62.2	0.0	0.0%	14.8%	54.1	54.0	-0.1	-0.2%	14.8%	47.3	47.4	0.0	0.2%	14.8%	46.4	46.4	0.0	0.0%
16.0%	62.2	62.1	-0.1	-0.2%	16.0%	54.1	54.0	-0.1	-0.2%	16.0%	47.3	47.3	0.0	0.0%	16.0%	46.4	46.4	0.0	0.0%
17.3%	62.2	62.1	-0.1	-0.2%	17.3%	54.1	54.0	-0.1	-0.2%	17.3%	47.2	47.3	0.1	0.2%	17.3%	46.2	46.4	0.2	0.4%
18.5%	62.0	61.8	-0.2	-0.3%	18.5%	53.9	53.9	0.0	0.0%	18.5%	47.1	47.3	0.2	0.4%	18.5%	46.2	46.2	0.0	0.0%
19.8%	62.0	61.8	-0.2	-0.3%	19.8%	53.9	53.8	-0.1	-0.2%	19.8%	47.1	47.1	0.0	0.0%	19.8%	46.2	46.2	0.0	0.0%
21.0%	61.9 61.9	61.7 61.7	-0.2 -0.2	-0.3% -0.3%	21.0% 22.2%	53.9 53.7	53.7 53.5	-0.2 -0.2	-0.4% -0.4%	21.0% 22.2%	47.0 47.0	47.1 47.0	0.1	0.2%	21.0% 22.2%	46.1 46.1	46.2 46.1	0.1	0.2%
23.5%	61.9	61.6	-0.2	-0.5%	23.5%	53.6	53.5	-0.1	-0.2%	23.5%	47.0	47.0	0.0	0.0%	23.5%	46.1	46.1	0.0	0.0%
24.7%	61.8	61.5	-0.3	-0.5%	24.7%	53.5	53.5	0.0	0.0%	24.7%	47.0	47.0	0.0	0.0%	24.7%	46.1	46.1	0.0	0.0%
25.9%	61.5	61.3	-0.2	-0.3%	25.9%	53.5	53.4	-0.1	-0.2%	25.9%	46.9	47.0	0.1	0.2%	25.9%	46.1	46.0	-0.1	-0.2%
27.2%	61.4	61.2	-0.2	-0.3%	27.2%	53.4	53.4	0.0	0.0%	27.2%	46.9	46.9	0.0	0.0%	27.2%	45.8	45.8	0.0	0.0%
28.4%	61.4	61.1	-0.3	-0.5%	28.4%	53.2	53.3	0.1	0.2%	28.4%	46.6	46.7	0.1	0.2%	28.4%	45.7	45.8	0.1	0.2%
29.6% 30.9%	61.3 61.1	61.1 61.0	-0.2 -0.1	-0.3% -0.2%	29.6% 30.9%	53.1 53.1	53.3 53.1	0.2	0.4%	29.6% 30.9%	46.6 46.5	46.7 46.7	0.1	0.2%	29.6% 30.9%	45.7 45.7	45.8 45.7	0.1	0.2%
30.9%	61.1	61.0	-0.1 -0.1	-0.2%	30.9%	53.1	53.1 52.9	-0.1	-0.2%	30.9%	46.5 46.4	46.7 46.6	0.2	0.4%	30.9%	45.7 45.5	45.7 45.6	0.0	0.0%
33.3%	61.1	61.0	-0.1	-0.2%	33.3%	53.0	52.8	-0.2	-0.4%	33.3%	46.3	46.5	0.2	0.4%	33.3%	45.5	45.5	0.0	0.0%
34.6%	61.1	60.9	-0.2	-0.3%	34.6%	52.9	52.8	-0.1	-0.2%	34.6%	46.2	46.3	0.1	0.2%	34.6%	45.4	45.5	0.1	0.2%
35.8%	61.0	60.9	-0.1	-0.2%	35.8%	52.8	52.8	0.0	0.0%	35.8%	46.2	46.3	0.1	0.2%	35.8%	45.4	45.5	0.1	0.2%
37.0%	61.0	60.9	-0.1	-0.2%	37.0%	52.7	52.8	0.1	0.2%	37.0%	46.2	46.2	0.0	0.0%	37.0%	45.4	45.4	0.0	0.0%
38.3% 39.5%	61.0 61.0	60.8 60.8	-0.2 -0.2	-0.3% -0.3%	38.3% 39.5%	52.7 52.7	52.8 52.8	0.1	0.2% 0.2%	38.3% 39.5%	46.1 46.1	46.2 46.2	0.1	0.2%	38.3% 39.5%	45.3 45.3	45.4 45.4	0.1 0.1	0.2% 0.2%
40.7%	61.0	60.8	-0.2	-0.3%	40.7%	52.7	52.8	0.1	0.4%	40.7%	46.1	46.1	0.0	0.2%	40.7%	45.3 45.2	45.4	0.1	0.2%
42.0%	60.8	60.8	0.0	0.0%	42.0%	52.6	52.6	0.0	0.0%	42.0%	46.1	46.1	0.0	0.0%	42.0%	45.2	45.3	0.1	0.2%
43.2%	60.8	60.7	-0.1	-0.2%	43.2%	52.6	52.6	0.0	0.0%	43.2%	45.9	46.0	0.1	0.2%	43.2%	45.2	45.2	0.0	0.0%
44.4%	60.8	60.7	-0.1	-0.2%	44.4%	52.5	52.6	0.1	0.2%	44.4%	45.9	45.9	0.0	0.0%	44.4%	45.2	45.2	0.0	0.0%
45.7%	60.7	60.6	-0.1	-0.2%	45.7%	52.5	52.5	0.0	0.0%	45.7%	45.8	45.9	0.1	0.2%	45.7%	45.2	45.2	0.0	0.0%
46.9% 48.1%	60.6 60.6	60.6 60.6	0.0	0.0%	46.9%	52.5 52.5	52.5 52.5	0.0	0.0%	46.9% 48.1%	45.8 45.7	45.8 45.7	0.0	0.0%	46.9%	45.2 45.1	45.2 45.2	0.0 0.1	0.0%
49.4%	60.6	60.5	-0.1	-0.2%	48.1% 49.4%	52.5	52.4	-0.1	0.0% -0.2%	49.4%	45.7	45.6	0.0 -0.1	-0.2%	48.1% 49.4%	45.1	45.2	0.1	0.2%
50.6%	60.5	60.5	0.0	0.0%	50.6%	52.5	52.4	-0.1	-0.2%	50.6%	45.7	45.6	-0.1	-0.2%	50.6%	45.1	45.1	0.0	0.0%
51.9%	60.5	60.5	0.0	0.0%	51.9%	52.3	52.3	0.0	0.0%	51.9%	45.6	45.5	-0.1	-0.2%	51.9%	45.0	45.1	0.1	0.2%
53.1%	60.5	60.5	0.0	0.0%	53.1%	52.2	52.3	0.1	0.2%	53.1%	45.5	45.5	0.0	0.0%	53.1%	45.0	45.1	0.1	0.2%
54.3%	60.4	60.4	0.0	0.0%	54.3%	52.2	52.2	0.0	0.0%	54.3%	45.4	45.5	0.1	0.2%	54.3%	44.9	45.0	0.1	0.2%
55.6% 56.8%	60.4 60.2	60.2 60.2	-0.2 0.0	-0.3% 0.0%	55.6% 56.8%	52.1 52.1	52.2 52.1	0.1	0.2%	55.6% 56.8%	45.4 45.3	45.4 45.4	0.0	0.0%	55.6% 56.8%	44.9 44.7	44.9 44.8	0.0 0.1	0.0%
58.0%	60.1	60.0	-0.1	-0.2%	58.0%	52.1	52.1	0.0	0.0%	58.0%	45.3	45.4 45.4	0.1	0.2%	58.0%	44.7	44.6	0.1	0.2%
59.3%	60.0	60.0	0.0	0.0%	59.3%	51.9	52.0	0.1	0.2%	59.3%	45.3	45.4	0.1	0.2%	59.3%	44.5	44.5	0.0	0.0%
60.5%	60.0	59.9	-0.1	-0.2%	60.5%	51.9	51.9	0.0	0.0%	60.5%	45.2	45.3	0.1	0.2%	60.5%	44.4	44.5	0.1	0.2%
61.7%	60.0	59.9	-0.1	-0.2%	61.7%	51.8	51.8	0.0	0.0%	61.7%	45.2	45.3	0.1	0.2%	61.7%	44.4	44.5	0.1	0.2%
63.0%	60.0	59.8	-0.2	-0.3%	63.0%	51.8	51.8	0.0	0.0%	63.0%	45.1	45.3	0.2	0.4%	63.0%	44.4	44.5	0.1	0.2%
64.2% 65.4%	60.0 60.0	59.8 59.8	-0.2 -0.2	-0.3% -0.3%	64.2% 65.4%	51.7 51.6	51.8 51.8	0.1 0.2	0.2%	64.2% 65.4%	45.1 45.0	45.2 45.2	0.1 0.2	0.2%	64.2% 65.4%	44.4 44.4	44.5 44.4	0.1	0.2%
66.7%	60.0	59.8	-0.2	-0.3%	66.7%	51.6	51.7	0.1	0.4%	66.7%	44.9	45.1	0.2	0.4%	66.7%	44.4	44.3	-0.1	-0.2%
67.9%	59.9	59.8	-0.1	-0.2%	67.9%	51.5	51.5	0.0	0.0%	67.9%	44.9	44.9	0.0	0.0%	67.9%	44.3	44.3	0.0	0.0%
69.1%	59.9	59.6	-0.3	-0.5%	69.1%	51.4	51.5	0.1	0.2%	69.1%	44.9	44.9	0.0	0.0%	69.1%	44.3	44.3	0.0	0.0%
70.4%	59.8	59.6	-0.2	-0.3%	70.4%	51.4	51.5	0.1	0.2%	70.4%	44.8	44.8	0.0	0.0%	70.4%	44.2	44.1	-0.1	-0.2%
71.6%	59.7	59.6	-0.1	-0.2%	71.6%	51.4	51.4	0.0	0.0%	71.6%	44.8	44.7	-0.1	-0.2%	71.6%	44.1	44.1	0.0	0.0%
72.8% 74.1%	59.6 59.5	59.5 59.5	-0.1 0.0	-0.2%	72.8% 74.1%	51.4 51.3	51.4 51.4	0.0	0.0%	72.8% 74.1%	44.7 44.6	44.6 44.5	-0.1 -0.1	-0.2% -0.2%	72.8% 74.1%	44.1 43.9	43.9 43.8	-0.2 -0.1	-0.5% -0.2%
75.3%	59.5	59.5	0.0	0.0%	75.3%	51.3	51.4	0.1	0.2%	75.3%	44.6	44.5 44.4	-0.1	-0.4%	75.3%	43.7	43.7	0.0	0.0%
76.5%	59.5	59.4	-0.1	-0.2%	76.5%	51.2	51.2	0.0	0.0%	76.5%	44.3	44.4	0.1	0.2%	76.5%	43.5	43.7	0.2	0.5%
77.8%	59.3	59.4	0.1	0.2%	77.8%	51.2	51.2	0.0	0.0%	77.8%	44.2	44.3	0.1	0.2%	77.8%	43.4	43.7	0.3	0.7%
79.0%	59.3	59.2	-0.1	-0.2%	79.0%	51.2	51.2	0.0	0.0%	79.0%	44.1	44.2	0.1	0.2%	79.0%	43.4	43.6	0.2	0.5%
80.2%	59.3	59.2	-0.1	-0.2%	80.2%	51.0	51.2	0.2	0.4%	80.2%	44.1	44.0	-0.1	-0.2%	80.2%	43.3	43.4	0.1	0.2%
81.5% 82.7%	58.9 58.8	58.9 58.9	0.0	0.0%	81.5% 82.7%	50.9 50.9	51.1 51.0	0.2	0.4%	81.5% 82.7%	44.0 43.8	43.9 43.8	-0.1 0.0	-0.2% 0.0%	81.5% 82.7%	43.3 43.2	43.4 43.3	0.1	0.2%
84.0%	58.7	58.8	0.1	0.2%	84.0%	50.9	50.9	0.0	0.2%	84.0%	43.8	43.8	0.0	0.0%	84.0%	43.2	43.3	0.1	0.2%
85.2%	58.7	58.7	0.0	0.0%	85.2%	50.8	50.9	0.1	0.2%	85.2%	43.4	43.7	0.3	0.7%	85.2%	43.2	43.1	-0.1	-0.2%
86.4%	58.6	58.6	0.0	0.0%	86.4%	50.8	50.8	0.0	0.0%	86.4%	43.4	43.7	0.3	0.7%	86.4%	42.9	42.9	0.0	0.0%
87.7%	58.6	58.6	0.0	0.0%	87.7%	50.7	50.8	0.1	0.2%	87.7%	43.3	43.3	0.0	0.0%	87.7%	42.9	42.8	-0.1	-0.2%
88.9%	58.6	58.5	-0.1	-0.2%	88.9%	50.7	50.7	0.0	0.0%	88.9%	43.2	43.2	0.0	0.0%	88.9%	42.8	42.8	0.0	0.0%
90.1% 91.4%	58.5 58.4	58.5 58.5	0.0	0.0%	90.1% 91.4%	50.7 50.3	50.7 50.6	0.0	0.0%	90.1% 91.4%	42.9 42.9	43.2 43.2	0.3	0.7%	90.1% 91.4%	42.8 42.3	42.8 42.4	0.0	0.0%
91.4%	58.4 58.3	58.5 58.4	0.1	0.2%	91.4%	50.3	50.6	0.3	0.6%	91.4%	42.9 42.9	43.2	0.3	0.7%	91.4%	42.3 42.3	42.4 42.2	-0.1	-0.2%
93.8%	58.3	58.4	0.1	0.2%	93.8%	50.1	50.2	0.1	0.2%	93.8%	42.8	42.4	-0.4	-0.9%	93.8%	41.9	42.0	0.1	0.2%
95.1%	58.1	58.1	0.0	0.0%	95.1%	50.0	50.0	0.0	0.0%	95.1%	42.4	42.4	0.0	0.0%	95.1%	41.5	41.7	0.2	0.5%
96.3%	58.1	58.0	-0.1	-0.2%	96.3%	49.7	49.4	-0.3	-0.6%	96.3%	41.8	41.9	0.1	0.2%	96.3%	41.5	41.5	0.0	0.0%
97.5%	58.0	57.9	-0.1	-0.2%	97.5%	49.3	49.2	-0.1	-0.2%	97.5%	41.5	41.5	0.0	0.0%	97.5%		39.8	0.1	0.3%
98.8%	57.9 57.9	57.9 57.9	0.0	0.0%	98.8%	48.1 48.1	48.1 48.1	0.0	0.0%	98.8%	40.4 40.4	40.4 40.4	0.0	0.0%	98.8%	39.0	39.0 39.0	0.0	0.0%
100.0%	57.9	57.9	0.0	0.0%	100.0%	46.1	46.1	0.0	0.0%	100.0%	40.4	40.4	0.0	0.0%	100.0%	39.0	39.0	0.0	0.0%

Table SQ-13-9b Sacramento River at Feather River, Monthly Temperature Probability of Exceedance

									Probability	of Exceedance									
Percent		February			Percent		March			Percent		April			Percent		May		
Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative		Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative
Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)
0.0%	(DEG-F) 53.2	(DEG-F) 53.1	-0.1	-0.2%	(%) 0.0%	(DEG-F) 60.0	(DEG-F) 60.0	0.0	0.0%		(DEG-F) 65.3	(DEG-F) 65.3	0.0	0.0%	(%) 0.0%	(DEG-F) 72.5	(DEG-F) 72.6	0.1	0.1%
1.2%	52.4	52.4	0.0	0.0%	1.2%	58.8	58.8	0.0	0.0%	1.2%	64.9	65.3	0.4	0.6%	1.2%	70.9	71.3	0.1	0.6%
2.5%	52.4	52.3	-0.1	-0.2%	2.5%	57.2	57.5	0.3	0.5%	2.5%	64.7	65.0	0.3	0.5%	2.5%	70.8	71.0	0.2	0.3%
3.7%	51.9	52.3	0.4	0.8%	3.7%	57.1	57.2	0.1	0.2%	3.7%	64.6	64.5	-0.1	-0.2%	3.7%	70.0	70.9	0.9	1.3%
4.9% 6.2%	51.9 51.7	52.1 51.8	0.2	0.4%	4.9% 6.2%	57.1 57.0	57.1 57.1	0.0	0.0%	4.9% 6.2%	64.5 64.1	64.4 64.3	-0.1 0.2	-0.2% 0.3%	4.9% 6.2%	70.0 69.3	70.0 69.6	0.0	0.0%
7.4%	51.6	51.6	0.1	0.2%	7.4%	57.0	57.1	0.1	0.2%	7.4%	63.9	64.1	0.2	0.3%	7.4%	69.1	69.3	0.3	0.4%
8.6%	51.6	51.6	0.0	0.0%	8.6%	56.9	57.1	0.2	0.4%	8.6%	63.9	63.9	0.0	0.0%	8.6%	69.0	69.2	0.2	0.3%
9.9%	51.3	51.4	0.1	0.2%	9.9%	56.9	57.0	0.1	0.2%	9.9%	63.9	63.8	-0.1	-0.2%	9.9%	69.0	69.1	0.1	0.1%
11.1% 12.3%	51.3 51.2	51.3 51.2	0.0	0.0%	11.1% 12.3%	56.8 56.5	56.9 56.9	0.1	0.2%	11.1% 12.3%	63.4 63.2	63.7 63.4	0.3	0.5%	11.1% 12.3%	69.0 68.6	69.0 68.7	0.0	0.0%
13.6%	51.1	51.2	0.0	0.0%	13.6%	56.2	56.9	0.4	0.7% 1.2%	13.6%	63.1	63.3	0.2	0.3%	13.6%	68.6	68.5	-0.1	0.1% -0.1%
14.8%	51.1	51.1	0.0	0.0%	14.8%	56.1	56.5	0.4	0.7%	14.8%	62.9	63.3	0.4	0.6%	14.8%	68.3	68.2	-0.1	-0.1%
16.0%	51.0	51.1	0.1	0.2%	16.0%	56.0	56.3	0.3	0.5%	16.0%	62.9	63.1	0.2	0.3%	16.0%	68.2	68.2	0.0	0.0%
17.3%	50.9	51.1	0.2	0.4%	17.3%	56.0	56.0	0.0	0.0%	17.3%	62.8	63.0	0.2	0.3%	17.3%	68.0	68.2	0.2	0.3%
18.5% 19.8%	50.9 50.8	51.0 50.8	0.1	0.2%	18.5% 19.8%	55.8 55.8	56.0 56.0	0.2 0.2	0.4%	18.5% 19.8%	62.8 62.6	63.0 62.9	0.2	0.3%	18.5% 19.8%	67.8 67.7	67.9 67.7	0.1	0.1%
21.0%	50.8	50.8	0.0	0.0%	21.0%	55.7	55.9	0.2	0.4%	21.0%	62.5	62.5	0.0	0.0%	21.0%	67.5	67.6	0.1	0.1%
22.2%	50.6	50.8	0.2	0.4%	22.2%	55.7	55.8	0.1	0.2%	22.2%	62.4	62.5	0.1	0.2%	22.2%	67.5	67.6	0.1	0.1%
23.5%	50.6	50.8	0.2	0.4%	23.5%	55.6	55.7	0.1	0.2%	23.5%	62.3	62.4	0.1	0.2%	23.5%	67.5	67.5	0.0	0.0%
24.7% 25.9%	50.6 50.5	50.6 50.5	0.0	0.0%	24.7% 25.9%	55.4 55.4	55.7 55.6	0.3	0.5% 0.4%	24.7% 25.9%	62.3 62.2	62.4 62.3	0.1	0.2%	24.7% 25.9%	67.4 67.3	67.5 67.4	0.1	0.1%
27.2%	50.5	50.3	-0.2	-0.4%	27.2%	55.2	55.4	0.2	0.4%	27.2%	62.2	62.3	0.1	0.2%	27.2%	67.3	67.4	0.1	0.1%
28.4%	50.3	50.3	0.0	0.0%	28.4%	55.1	55.2	0.1	0.2%	28.4%	62.2	62.3	0.1	0.2%	28.4%	67.3	67.4	0.1	0.1%
29.6%	50.3	50.2	-0.1	-0.2%	29.6%	55.0	55.2	0.2	0.4%	29.6%	62.0	62.1	0.1	0.2%	29.6%	67.3	67.2	-0.1	-0.1%
30.9%	50.2 50.0	50.2 50.1	0.0	0.0%	30.9% 32.1%	55.0 54.9	55.2 55.1	0.2	0.4%	30.9% 32.1%	61.8 61.8	61.9 61.8	0.1 0.0	0.2%	30.9% 32.1%	67.2 67.1	67.1 67.1	-0.1 0.0	-0.1% 0.0%
33.3%	50.0	50.1	0.0	0.2%	33.3%	54.9	55.1	0.2	0.4%	33.3%	61.6	61.7	0.0	0.0%	33.3%	67.1	67.1	0.0	0.0%
34.6%	50.0	50.0	0.0	0.0%	34.6%	54.8	55.0	0.2	0.4%	34.6%	61.6	61.6	0.0	0.0%	34.6%	67.0	67.0	0.0	0.0%
35.8%	49.9	50.0	0.1	0.2%	35.8%	54.8	55.0	0.2	0.4%	35.8%	61.4	61.4	0.0	0.0%	35.8%	66.9	66.9	0.0	0.0%
37.0%	49.8	49.8	0.0	0.0%	37.0%	54.7	54.9	0.2	0.4%	37.0%	61.4	61.3	-0.1	-0.2%	37.0%	66.8	66.9	0.1	0.1%
38.3% 39.5%	49.7 49.6	49.7 49.7	0.0 0.1	0.0%	38.3% 39.5%	54.6 54.5	54.9 54.7	0.3 0.2	0.5% 0.4%	38.3% 39.5%	61.3 61.2	61.3 61.3	0.0 0.1	0.0%	38.3% 39.5%	66.8 66.7	66.8 66.8	0.0	0.0%
40.7%	49.6	49.6	0.0	0.0%	40.7%	54.5	54.7	0.2	0.4%	40.7%	61.2	61.3	0.1	0.2%	40.7%	66.7	66.8	0.1	0.1%
42.0%	49.5	49.6	0.1	0.2%	42.0%	54.4	54.7	0.3	0.6%	42.0%	61.2	61.2	0.0	0.0%	42.0%	66.7	66.7	0.0	0.0%
43.2%	49.4	49.5	0.1	0.2%	43.2%	54.3	54.6	0.3	0.6%	43.2%	61.1	61.2	0.1	0.2%	43.2%	66.7	66.7	0.0	0.0%
44.4%	49.4 49.4	49.4 49.4	0.0	0.0%	44.4%	54.2 54.2	54.3 54.2	0.1	0.2%	44.4%	60.9	61.0	0.1	0.2%	44.4%	66.7	66.6	-0.1 -0.1	-0.1%
45.7% 46.9%	49.4	49.4	0.0 0.1	0.0%	45.7% 46.9%	54.2	54.2	0.0	0.0%	45.7% 46.9%	60.9 60.9	60.9 60.9	0.0	0.0%	45.7% 46.9%	66.6 66.4	66.5 66.5	0.1	-0.2% 0.2%
48.1%	49.3	49.3	0.0	0.0%	48.1%	54.2	54.2	0.0	0.0%	48.1%	60.6	60.8	0.2	0.3%	48.1%	66.4	66.5	0.1	0.2%
49.4%	49.3	49.3	0.0	0.0%	49.4%	54.1	54.2	0.1	0.2%	49.4%	60.6	60.6	0.0	0.0%	49.4%	66.3	66.4	0.1	0.2%
50.6%	49.3	49.3	0.0	0.0%	50.6%	54.1	54.2	0.1	0.2%	50.6%	60.5	60.6	0.1	0.2%	50.6%	66.3	66.3	0.0	0.0%
51.9% 53.1%	49.2 49.2	49.3 49.3	0.1	0.2%	51.9% 53.1%	54.0 54.0	54.1 54.1	0.1	0.2%	51.9% 53.1%	60.5 60.4	60.6 60.6	0.1	0.2%	51.9% 53.1%	66.2 66.1	66.2 66.0	0.0 -0.1	0.0% -0.2%
54.3%	49.2	49.2	0.0	0.0%	54.3%	53.9	54.1	0.1	0.4%	54.3%	60.4	60.4	0.2	0.0%	54.3%	66.1	66.0	-0.1	-0.2%
55.6%	49.1	49.2	0.1	0.2%	55.6%	53.9	54.0	0.1	0.2%	55.6%	60.4	60.4	0.0	0.0%	55.6%	65.8	65.9	0.1	0.2%
56.8%	49.1	49.2	0.1	0.2%	56.8%	53.9	54.0	0.1	0.2%	56.8%	60.3	60.4	0.1	0.2%	56.8%	65.7	65.8	0.1	0.2%
58.0% 59.3%	49.1 49.1	49.2 49.2	0.1 0.1	0.2% 0.2%	58.0% 59.3%	53.8 53.7	53.9 53.9	0.1 0.2	0.2% 0.4%	58.0% 59.3%	60.1 60.1	60.3 60.2	0.2 0.1	0.3%	58.0% 59.3%	65.7 65.6	65.7 65.7	0.0 0.1	0.0% 0.2%
60.5%	49.0	49.2	0.1	0.2%	60.5%	53.7	53.9	0.2	0.4%	60.5%	60.0	60.1	0.1	0.2%	60.5%	65.5	65.5	0.0	0.2%
61.7%	49.0	49.1	0.1	0.2%	61.7%	53.7	53.9	0.2	0.4%	61.7%	59.9	60.1	0.2	0.3%	61.7%	65.5	65.4	-0.1	-0.2%
63.0%	48.9	49.0	0.1	0.2%	63.0%	53.7	53.8	0.1	0.2%	63.0%	59.8	60.1	0.3	0.5%	63.0%	65.2	65.3	0.1	0.2%
64.2%	48.9 48.9	48.9	0.0	0.0%	64.2%	53.5	53.5 53.4	0.0	0.0%	64.2%	59.6	59.6	0.0	0.0%	64.2%	65.1	65.1	0.0	0.0%
65.4% 66.7%	48.9 48.8	48.9 48.9	0.0 0.1	0.0%	65.4% 66.7%	53.4 53.4	53.4	0.0	0.0%	65.4% 66.7%	59.6 59.4	59.6 59.5	0.0 0.1	0.0%	65.4% 66.7%	65.0 65.0	65.0 65.0	0.0	0.0%
67.9%	48.7	48.8	0.1	0.2%	67.9%	53.4	53.4	0.0	0.4%	67.9%	59.3	59.2	-0.1	-0.2%	67.9%	65.0	64.9	-0.1	-0.2%
69.1%	48.7	48.8	0.1	0.2%	69.1%	53.0	53.2	0.2	0.4%	69.1%	59.3	59.2	-0.1	-0.2%	69.1%	64.9	64.8	-0.1	-0.2%
70.4%	48.7	48.8	0.1	0.2%	70.4%	52.9	53.2	0.3	0.6%	70.4%	59.2	59.1	-0.1	-0.2%	70.4%	64.8	64.8	0.0	0.0%
71.6% 72.8%	48.7 48.6	48.7 48.7	0.0	0.0%	71.6% 72.8%	52.9 52.7	53.0 52.9	0.1	0.2% 0.4%	71.6% 72.8%	59.0 58.9	58.9 58.8	-0.1 -0.1	-0.2% -0.2%	71.6% 72.8%	64.6 64.5	64.7 64.7	0.1	0.2% 0.3%
74.1%	48.6	48.6	0.1	0.2%	74.1%	52.7	52.9	0.2	0.4%	74.1%	58.8	58.8	0.0	0.0%	74.1%	64.4	64.5	0.2	0.3%
75.3%	48.4	48.6	0.2	0.4%	75.3%	52.5	52.8	0.3	0.6%	75.3%	58.6	58.6	0.0	0.0%	75.3%	64.4	64.4	0.0	0.0%
76.5%	48.4	48.4	0.0	0.0%	76.5%	52.4	52.7	0.3	0.6%	76.5%	58.5	58.5	0.0	0.0%	76.5%	64.1	64.2	0.1	0.2%
77.8%	48.3	48.3	0.0	0.0%	77.8%	52.3	52.4	0.1	0.2%	77.8%	58.4	58.4	0.0	0.0%	77.8%	63.9	64.0	0.1	0.2%
79.0% 80.2%	48.3 48.3	48.3 48.1	0.0 -0.2	0.0%	79.0% 80.2%	52.1 52.1	52.3 52.1	0.2	0.4%	79.0% 80.2%	58.0 57.8	58.0 58.0	0.0	0.0%	79.0% 80.2%	63.6 63.6	63.9 63.7	0.3	0.5% 0.2%
81.5%	48.1	48.1	0.0	0.0%	81.5%	52.0	52.1	0.0	0.0%	81.5%	57.7	57.9	0.2	0.3%	81.5%	63.5	63.6	0.1	0.2%
82.7%	48.0	48.1	0.1	0.2%	82.7%	52.0	52.0	0.0	0.0%	82.7%	57.7	57.7	0.0	0.0%	82.7%	63.0	63.4	0.4	0.6%
84.0%	48.0	48.0	0.0	0.0%	84.0%	51.9	52.0	0.1	0.2%	84.0%	57.5	57.5	0.0	0.0%	84.0%	63.0	63.2	0.2	0.3%
85.2% 86.4%	48.0 47.9	48.0 48.0	0.0	0.0%	85.2% 86.4%	51.9 51.9	51.9 51.9	0.0	0.0%	85.2% 86.4%	57.4 57.4	57.5 57.4	0.1	0.2%	85.2% 86.4%	62.9 62.8	63.0 62.9	0.1	0.2%
85.4% 87.7%	47.9 47.8	48.0 47.8	0.1	0.2%	86.4% 87.7%	51.9 51.8	51.9 51.9	0.0	0.0%	86.4% 87.7%	57.4 57.4	57.4 57.3	-0.1	-0.2%	85.4% 87.7%	62.8	62.8	0.1	0.2%
88.9%	47.7	47.7	0.0	0.0%	88.9%	51.7	51.9	0.2	0.4%	88.9%	57.3	57.3	0.0	0.0%	88.9%	62.8	62.8	0.0	0.0%
90.1%	47.6	47.6	0.0	0.0%	90.1%	51.6	51.9	0.3	0.6%	90.1%	57.0	57.1	0.1	0.2%	90.1%	62.7	62.8	0.1	0.2%
91.4%	47.5	47.5	0.0	0.0%	91.4%	51.5	51.6	0.1	0.2%	91.4%	57.0	57.0	0.0	0.0%	91.4%	62.5	62.7	0.2	0.3%
92.6% 93.8%	47.4 47.2	47.4 47.3	0.0	0.0%	92.6% 93.8%	51.4 51.4	51.6 51.4	0.2	0.4%	92.6% 93.8%	56.4 56.2	56.6 56.4	0.2	0.4%	92.6% 93.8%	62.4 62.2	62.5 62.5	0.1	0.2%
95.1%	47.2	47.1	-0.1	-0.2%	95.1%	51.4	51.4	0.0	0.0%	95.1%	56.2	56.2	0.2	0.4%	95.1%	62.1	62.2	0.3	0.5%
96.3%	47.1	47.1	0.0	0.0%	96.3%	51.2	51.2	0.0	0.0%	96.3%	56.0	56.0	0.0	0.0%	96.3%	61.7	61.8	0.1	0.2%
97.5%	47.0	47.1	0.1	0.2%	97.5%	51.2	51.1	-0.1	-0.2%	97.5%	54.9	54.9	0.0	0.0%	97.5%	61.6	61.7	0.1	0.2%
98.8%	46.3	46.3	0.0	0.0%	98.8%	51.0	51.0	0.0	0.0%	98.8%	54.3	54.3	0.0	0.0%	98.8%	59.4	59.5	0.1	0.2%
100.0%	46.3	46.3	0.0	0.0%	100.0%	51.0	51.0	0.0	0.0%	100.0%	54.3	54.3	0.0	0.0%	100.0%	59.4	59.5	0.1	0.2%

Table SQ-13-9b Sacramento River at Feather River, Monthly Temperature Probability of Exceedance

August

September

Percent		40 U D			Percent		411 11 15			Percent		40 0 0			Percent		AU D		
Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative
Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	73.5	74.2	0.7	1.0%	0.0%	76.9	76.5	-0.4	-0.5%	0.0%	75.4	75.4	0.0	0.0%	0.0%	73.5	73.6	0.1	0.1%
1.2%	73.4	74.1	0.7	1.0%	1.2%	76.0	76.0	0.0	0.0%	1.2%	75.4	75.2	-0.2	-0.3%	1.2%	72.9	72.7	-0.2	-0.3%
2.5%	73.3	73.8	0.5	0.7%	2.5%	75.3	75.6	0.3	0.4%	2.5%	75.3	74.9	-0.4	-0.5%	2.5%	71.5	71.7	0.2	0.3%
3.7%	73.2	73.6	0.4	0.5%	3.7%	74.7	75.1	0.4	0.5%	3.7%	74.4	74.6	0.2	0.3%	3.7%	71.1	71.4	0.3	0.4%
4.9%	73.1	73.6	0.5	0.7%	4.9%	74.7	74.5	-0.2	-0.3%	4.9%	74.1	74.6	0.5	0.7%	4.9%	71.1	71.1	0.0	0.0%
6.2%	73.0	73.5	0.5	0.7%	6.2%	74.7	74.3	-0.4	-0.5%	6.2%	74.0	74.0	0.0	0.0%	6.2%	70.9	71.0	0.1	0.1%
7.4%	72.8	73.4	0.6	0.8%	7.4%	74.5	74.1	-0.4	-0.5%	7.4%	74.0	73.9	-0.1	-0.1%	7.4%	70.9	71.0	0.1	0.1%
8.6%	72.7	73.3	0.6	0.8%	8.6%	73.9	74.0	0.1	0.1%	8.6%	73.8	73.8	0.0	0.0%	8.6%	70.7	70.9	0.2	0.3%
9.9%	72.5	72.7	0.2	0.3%	9.9%	73.8	74.0	0.2	0.3%	9.9%	73.8	73.7	-0.1	-0.1%	9.9%	70.7	70.8	0.1	0.1%
11.1% 12.3%	72.4 72.3	72.6 72.5	0.2	0.3%	11.1% 12.3%	73.8 73.8	73.8 73.7	0.0 -0.1	0.0%	11.1% 12.3%	73.8 73.7	73.7 73.6	-0.1 -0.1	-0.1% -0.1%	11.1% 12.3%	70.7 70.6	70.5 70.3	-0.2 -0.3	-0.3% -0.4%
13.6%	72.1	72.4	0.3	0.4%	13.6%	73.8	73.6	-0.2	-0.3%	13.6%	73.4	73.5	0.1	0.1%	13.6%	70.4	70.2	-0.2	-0.3%
14.8%	72.1	72.3	0.2	0.3%	14.8%	73.7	73.6	-0.1	-0.1%	14.8% 16.0%	73.4	73.3	-0.1 -0.3	-0.1%	14.8%	70.3	70.2	-0.1 -0.2	-0.1%
16.0% 17.3%	71.8 71.8	72.2 72.2	0.4 0.4	0.6%	16.0% 17.3%	73.6 73.5	73.6 73.6	0.0 0.1	0.0%	17.3%	73.4 73.3	73.1 73.0	-0.3	-0.4% -0.4%	16.0% 17.3%	70.1 70.0	69.9 69.7	-0.2	-0.3% -0.4%
			0.4							18.5%			-0.3			69.9	69.7	-0.3	-0.4%
18.5% 19.8%	71.6 71.5	71.9 71.8	0.3	0.4% 0.4%	18.5% 19.8%	73.5 73.5	73.5 73.4	0.0 -0.1	0.0% -0.1%	18.5% 19.8%	73.2 73.0	72.9 72.8	-0.3	-0.4% -0.3%	18.5% 19.8%	69.7	69.6	-0.2	-0.3%
21.0%	71.5	71.8	0.3	0.4%	21.0%	73.4	73.4	-0.1	-0.1%	21.0%	73.0	72.8	-0.2	-0.3%	21.0%	69.7	69.6	-0.1	-0.1%
22.2%	71.3	71.7	0.3	0.4%	22.2%	73.4	73.2	-0.1	-0.1%	22.2%	72.9	72.8	-0.2	-0.1%	22.2%	69.7	69.6	-0.1	-0.1%
23.5%	71.2	71.6	0.4	0.6%	23.5%	73.4	73.1	-0.2	-0.3%	23.5%	72.9	72.7	0.0	0.0%	23.5%	69.5	69.4	-0.1	-0.1%
24.7%	71.2	71.6	0.4	0.6%	24.7%	73.1	73.0	-0.2	-0.1%	24.7%	72.7	72.6	-0.1	-0.1%	24.7%	69.4	69.3	-0.1	-0.1%
25.9%	71.1	71.5	0.4	0.6%	25.9%	73.1	72.9	-0.1	-0.1%	25.9%	72.6	72.5	-0.1	-0.1%	25.9%	69.3	69.2	-0.1	-0.1%
27.2%	71.1	71.5	0.4	0.6%	27.2%	73.1	72.9	-0.2	-0.3%	27.2%	72.6	72.5	-0.1	-0.1%	27.2%	69.2	69.2	0.0	0.0%
28.4%	71.0	71.3	0.3	0.4%	28.4%	72.9	72.8	-0.2	-0.1%	28.4%	72.6	72.5	-0.1	-0.1%	28.4%	69.1	69.1	0.0	0.0%
29.6%	71.0	71.3	0.3	0.4%	29.6%	72.9	72.8	-0.1	-0.1%	29.6%	72.5	72.4	-0.1	-0.1%	29.6%	69.1	69.1	0.0	0.1%
30.9%	71.0	71.3	0.3	0.4%	30.9%	72.9	72.8	-0.1	-0.1%	30.9%	72.5	72.4	0.0	0.0%	30.9%	68.9	69.1	0.1	0.1%
32.1%	71.0	71.2	0.2	0.3%	32.1%	72.9	72.7	-0.1	-0.1%	32.1%	72.3	72.3	0.0	0.0%	32.1%	68.9	69.0	0.2	0.1%
33.3%	70.8	71.1	0.3	0.4%	33.3%	72.8	72.7	-0.1	-0.1%	33.3%	72.2	72.3	0.0	0.1%	33.3%	68.7	69.0	0.3	0.4%
34.6%	70.8	71.1	0.3	0.4%	34.6%	72.8	72.7	-0.1	-0.1%	34.6%	72.1	72.2	0.1	0.1%	34.6%	68.7	69.0	0.3	0.4%
35.8%	70.8	71.1	0.3	0.4%	35.8%	72.6	72.7	0.1	0.1%	35.8%	72.1	72.1	0.0	0.0%	35.8%	68.6	68.9	0.3	0.4%
37.0%	70.7	71.1	0.4	0.6%	37.0%	72.6	72.6	0.0	0.0%	37.0%	72.0	72.1	0.0	0.1%	37.0%	68.5	68.8	0.3	0.4%
38.3%	70.7	70.9	0.2	0.3%	38.3%	72.5	72.6	0.1	0.1%	38.3%	71.8	72.1	0.3	0.4%	38.3%	68.5	68.3	-0.2	-0.3%
39.5%	70.7	70.7	0.0	0.0%	39.5%	72.5	72.6	0.1	0.1%	39.5%	71.8	71.9	0.1	0.1%	39.5%	68.5	68.1	-0.4	-0.6%
40.7%	70.7	70.7	0.0	0.0%	40.7%	72.5	72.5	0.0	0.0%	40.7%	71.7	71.9	0.2	0.3%	40.7%	68.3	68.0	-0.3	-0.4%
42.0%	70.7	70.7	0.0	0.0%	42.0%	72.4	72.4	0.0	0.0%	42.0%	71.6	71.8	0.2	0.3%	42.0%	68.2	68.0	-0.2	-0.3%
43.2%	70.7	70.7	0.0	0.0%	43.2%	72.4	72.3	-0.1	-0.1%	43.2%	71.6	71.7	0.1	0.1%	43.2%	67.9	67.8	-0.1	-0.1%
44.4%	70.6	70.7	0.1	0.1%	44.4%	72.3	72.2	-0.1	-0.1%	44.4%	71.6	71.7	0.1	0.1%	44.4%	67.9	67.8	-0.1	-0.1%
45.7%	70.6	70.6	0.0	0.0%	45.7%	72.3	72.2	-0.1	-0.1%	45.7%	71.5	71.6	0.1	0.1%	45.7%	67.8	67.6	-0.2	-0.3%
46.9%	70.4	70.6	0.2	0.3%	46.9%	72.1	72.2	0.1	0.1%	46.9%	71.4	71.6	0.2	0.3%	46.9%	67.6	67.5	-0.1	-0.1%
48.1%	70.4	70.5	0.1	0.1%	48.1%	72.1	72.1	0.0	0.0%	48.1%	71.3	71.5	0.2	0.3%	48.1%	67.5	67.5	0.0	0.0%
49.4%	70.3	70.5	0.2	0.3%	49.4%	72.1	72.1	0.0	0.0%	49.4%	71.3	71.5	0.2	0.3%	49.4%	67.5	67.4	-0.1	-0.1%
50.6%	70.2	70.5	0.3	0.4%	50.6%	72.0	72.1	0.1	0.1%	50.6%	71.3	71.4	0.1	0.1%	50.6%	67.3	67.3	0.0	0.0%
51.9%	70.2	70.4	0.2	0.3%	51.9%	72.0	72.1	0.1	0.1%	51.9%	71.3	71.3	0.0	0.0%	51.9%	67.3	67.1	-0.2	-0.3%
53.1%	70.1	70.4	0.3	0.4%	53.1%	72.0	71.9	-0.1	-0.1%	53.1%	71.3	71.2	-0.1	-0.1%	53.1%	67.2	67.1	-0.1	-0.1%
54.3%	70.1	70.4	0.3	0.4%	54.3%	71.8	71.9	0.1	0.1%	54.3%	71.2	71.2	0.0	0.0%	54.3%	67.2	67.0	-0.2	-0.3%
55.6%	70.1	70.3	0.2	0.3%	55.6%	71.8	71.8	0.0	0.0%	55.6%	71.1	71.2	0.1	0.1%	55.6%	67.2	67.0	-0.2	-0.3%
56.8%	70.1	70.3	0.2	0.3%	56.8%	71.8	71.7	-0.1	-0.1%	56.8%	71.0	71.2	0.2	0.3%	56.8%	67.0	66.8	-0.2	-0.3%
58.0%	70.1	70.3	0.2	0.3%	58.0%	71.7	71.7	0.0	0.0%	58.0%	71.0	71.1	0.1	0.1%	58.0%	66.9	66.5	-0.4	-0.6%
59.3%	70.0	70.2	0.2	0.3%	59.3%	71.7	71.7	0.0	0.0%	59.3%	70.9	71.1	0.2	0.3%	59.3%	66.7	66.5	-0.2	-0.3%
60.5%	69.9	70.1	0.2	0.3%	60.5%	71.6	71.7	0.1	0.1%	60.5%	70.8	71.1	0.3	0.4%	60.5%	66.7	66.4	-0.3	-0.4%
61.7%	69.9	70.1	0.2	0.3%	61.7%	71.6	71.5	-0.1	-0.1%	61.7%	70.8	71.1	0.3	0.4%	61.7%	66.6	66.3	-0.3	-0.5%
63.0%	69.8	70.1	0.3	0.4%	63.0%	71.6	71.5	-0.1	-0.1%	63.0%	70.7	71.0	0.3	0.4%	63.0%	66.5	66.3	-0.2	-0.3%
64.2%	69.8	70.0	0.2	0.3%	64.2%	71.6	71.5	-0.1	-0.1%	64.2%	70.7	71.0	0.3	0.4%	64.2%	66.4	66.2	-0.2	-0.3%
65.4%	69.6	70.0	0.4	0.6%	65.4%	71.5	71.4	-0.1	-0.1%	65.4%	70.7	70.9	0.2	0.3%	65.4%	66.4	66.2	-0.2	-0.3%
66.7%	69.6	69.9	0.3	0.4%	66.7%	71.5	71.4	-0.1	-0.1%	66.7%	70.6	70.8	0.2	0.3%	66.7%	66.3	66.1	-0.2	-0.3%
67.9%	69.5	69.8	0.3	0.4%	67.9%	71.4	71.3	-0.1	-0.1%	67.9%	70.5	70.8	0.3	0.4%	67.9%	66.2	66.1	-0.1	-0.2%
69.1% 70.4%	69.4 69.4	69.8 69.6	0.4	0.6% 0.3%	69.1% 70.4%	71.4 71.3	71.3 71.2	-0.1 -0.1	-0.1% -0.1%	69.1% 70.4%	70.5	70.8 70.8	0.3	0.4%	69.1% 70.4%	66.2 66.1	66.0 66.0	-0.2 -0.1	-0.3%
											70.5								-0.2%
71.6%	69.3 69.2	69.4 69.3	0.1 0.1	0.1% 0.1%	71.6% 72.8%	71.2 71.2	71.2 71.2	0.0	0.0%	71.6% 72.8%	70.4	70.8 70.6	0.4	0.6%	71.6% 72.8%	66.1 66.1	65.9 65.9	-0.2 -0.2	-0.3% -0.3%
72.8% 74.1%	69.2	69.3	0.1	0.1%	72.8%	71.2	71.2	0.0	0.0%	72.8%	70.3 70.3	70.5	0.3	0.4%	72.8% 74.1%	66.0	65.8	-0.2	
74.1% 75.3%	69.2	69.3	0.1	0.1%	74.1% 75.3%	71.1 71.1	71.1 71.1	0.0	0.0%	74.1% 75.3%	70.3 70.2	70.5 70.4	0.2	0.3%	74.1% 75.3%	66.0	65.8	-0.2	-0.3% -0.3%
75.3% 76.5%	69.2	69.3	0.1	0.1%	75.3% 76.5%	71.1	71.1	-0.1	-0.1%	75.3% 76.5%	70.2	70.4	0.2	0.3%	75.3% 76.5%	65.9	65.8	-0.2	-0.3%
77.8%	69.0	69.1	0.3	0.4%	77.8%	71.0	70.9	-0.1	-0.1%	77.8%	70.2	70.4	0.2	0.3%	77.8%	65.8	65.7	-0.1	-0.2%
77.6%	69.0	69.0	0.1	0.1%	77.8%	71.0	70.9	0.0	0.0%	77.6%	70.1	70.3	0.2	0.3%	77.8%	65.8	65.7	-0.1	-0.2%
80.2%	69.0	69.0	0.0	0.0%	80.2%	70.8	70.8	0.0	0.0%	80.2%	70.1	70.2	0.1	0.1%	80.2%	65.8	65.6	-0.1	-0.3%
81.5%	68.9	68.8	-0.1	-0.1%	81.5%	70.8	70.6	-0.2	-0.3%	81.5%	70.1	70.2	0.1	0.1%	81.5%	65.5	65.6	0.2	0.2%
82.7%	68.8	68.8	0.0	0.0%	82.7%	70.6	70.6	0.0	0.0%	82.7%	70.0	70.2	0.2	0.3%	82.7%	65.5	65.6	0.1	0.2%
84.0%	68.8	68.8	0.0	0.0%	84.0%	70.6	70.6	0.0	0.0%	84.0%	70.0	70.2	0.2	0.3%	84.0%	65.4	65.6	0.1	0.2%
85.2%	68.6	68.3	-0.3	-0.4%	85.2%	70.5	70.5	0.0	0.0%	85.2%	69.9	70.0	0.1	0.1%	85.2%	65.2	65.5	0.2	0.5%
86.4%	68.6	68.2	-0.4	-0.6%	86.4%	70.4	70.4	0.0	0.0%	86.4%	69.9	70.0	0.1	0.1%	86.4%	65.2	65.2	0.0	0.0%
87.7%	68.2	68.1	-0.4	-0.1%	87.7%	70.2	70.2	0.0	0.0%	87.7%	69.9	69.9	0.0	0.0%	87.7%	64.8	65.2	0.4	0.6%
88.9%	67.8	67.9	0.1	0.1%	88.9%	69.9	70.2	0.3	0.4%	88.9%	69.7	69.7	0.0	0.0%	88.9%	64.6	64.9	0.3	0.5%
90.1%	67.7	67.8	0.1	0.1%	90.1%	69.9	69.8	-0.1	-0.1%	90.1%	69.5	69.6	0.1	0.1%	90.1%	64.5	64.9	0.4	0.6%
91.4%	67.3	67.6	0.3	0.4%	91.4%	69.9	69.7	-0.2	-0.1%	91.4%	69.5	69.6	0.1	0.1%	91.4%	64.5	64.1	-0.4	-0.6%
92.6%	67.3	67.3	0.0	0.0%	92.6%	69.8	69.6	-0.2	-0.3%	92.6%	69.4	69.6	0.2	0.3%	92.6%	63.8	63.7	-0.1	-0.2%
93.8%	67.2	67.2	0.0	0.0%	93.8%	69.7	69.5	-0.2	-0.3%	93.8%	69.4	69.4	0.0	0.0%	93.8%	63.5	63.4	-0.1	-0.2%
95.1%	66.9	66.8	-0.1	-0.1%	95.1%	69.7	69.3	-0.4	-0.6%	95.1%	69.3	69.4	0.1	0.1%	95.1%	63.0	62.9	-0.1	-0.2%
96.3%	66.4	66.4	0.0	0.0%	96.3%	69.0	68.5	-0.5	-0.7%	96.3%	69.1	69.2	0.1	0.1%	96.3%	62.6	62.5	-0.1	-0.2%
97.5%	66.3	66.3	0.0	0.0%	97.5%	68.9	68.5	-0.4	-0.6%	97.5%	68.7	68.8	0.1	0.1%	97.5%	62.4	62.2	-0.2	-0.3%
98.8%	66.3	66.0	-0.3	-0.5%	98.8%	68.0	67.7	-0.3	-0.4%	98.8%	68.0	68.5	0.5	0.7%	98.8%	61.8	61.9	0.1	0.2%
100.0%	66.3	66.0	-0.3	-0.5%	100.0%	68.0	67.7	-0.3	-0.4%	100.0%	68.0	68.5	0.5	0.7%	100.0%	61.8	61.9	0.1	0.2%

Table SQ-14-9a Sacramento River at Freeport, Monthly Temperature Long-term Average and Average by Water Year Type

					Mon	thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	61.2	53.2	45.8	45.0	49.7	54.5	60.7	66.2	70.4	72.5	72.0	68.1
Alternative D	61.2	53.2	45.9	45.0	49.7	54.7	60.8	66.2	70.6	72.5	72.1	68.0
Difference	-0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.2	0.0	0.0	-0.1
Percent Difference ³	-0.1%	0.1%	0.1%	0.1%	0.1%	0.2%	0.1%	0.0%	0.2%	0.0%	0.0%	-0.19
				Water Y	ear Types	2						
Vet (32%)												
No Action Alternative	60.7	53.8	46.4	45.9	49.5	53.4	58.6	64.4	69.0	72.6	72.0	66.2
Alternative D	60.6	53.8	46.5	45.9	49.5	53.4	58.6	64.4	69.0	72.6	72.2	66.2
Difference	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.1
Percent Difference	-0.2%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	-0.19
Above Normal (15%)												
No Action Alternative	60.5	52.1	45.6	45.1	49.5	54.1	60.6	66.4	70.6	71.5	71.1	67.1
Alternative D	60.4	52.1	45.7	45.2	49.5	54.2	60.6	66.4	70.8	71.4	71.2	67.1
Difference	-0.2	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.2	-0.2	0.1	0.0
Percent Difference	-0.3%	0.0%	0.1%	0.1%	0.1%	0.2%	0.1%	0.1%	0.2%	-0.2%	0.2%	0.1%
Below Normal (17%)												
No Action Alternative	60.9	53.1	45.9	44.3	49.0	54.6	61.2	66.2	70.7	72.1	72.2	69.4
Alternative D	60.8	53.2	45.9	44.3	49.0	54.8	61.2	66.2	70.9	72.1	72.2	69.3
Difference	-0.1	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.2	0.0	0.1	-0.1
Percent Difference	-0.2%	0.1%	0.1%	0.1%	0.1%	0.3%	0.0%	0.0%	0.3%	0.0%	0.1%	-0.2%
Dry (22%)												
No Action Alternative	61.4	53.2	45.8	44.2	49.7	55.3	62.0	67.3	71.7	72.2	71.6	69.1
Alternative D	61.4	53.3	45.9	44.2	49.7	55.5	62.1	67.3	72.1	72.3	71.7	69.1
Difference	0.0	0.1	0.1	0.0	0.1	0.2	0.1	0.0	0.3	0.1	0.0	0.0
Percent Difference	0.0%	0.1%	0.2%	0.0%	0.1%	0.4%	0.2%	0.0%	0.5%	0.2%	0.0%	0.0%
Critical (15%)												
No Action Alternative	63.0	52.9	44.7	44.8	51.0	56.1	62.9	67.7	70.9	73.9	73.4	70.0
Alternative D	63.2	52.9	44.7	44.8	51.1	56.2	63.0	67.8	71.1	74.0	72.9	69.8
Difference	0.2	0.0	0.0	0.1	0.1	0.2	0.1	0.1	0.2	0.1	-0.5	-0.1
Percent Difference	0.3%	0.0%	0.0%	0.2%	0.3%	0.3%	0.2%	0.1%	0.3%	0.2%	-0.7%	-0.29

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



Figure SQ-14-9b Sacramento River at Freeport, Monthly Temperature Probability of Exceedance

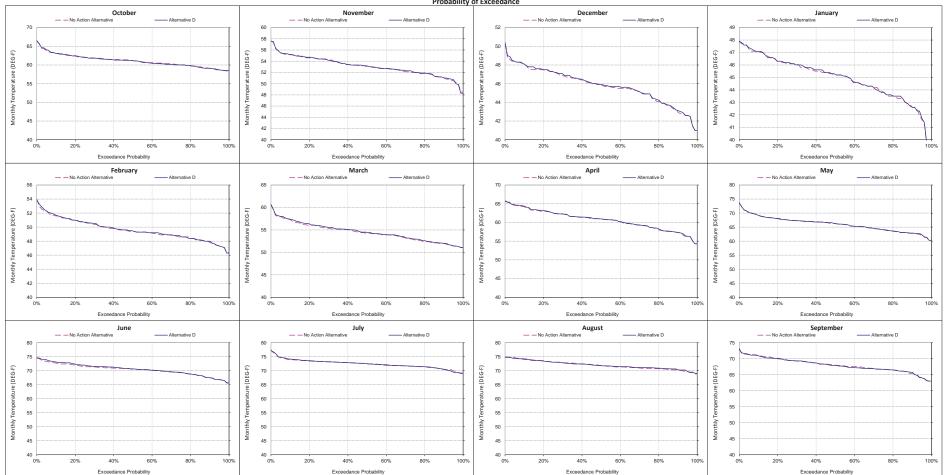


Table SQ-14-9b
Sacramento River at Freeport, Monthly Temperature
Probability of Exceedance

December

January

November

October

Percent		October			Percent					Percent					Percent				
Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	66.3	66.5	0.2	0.3%	0.0%	57.6	57.6	0.0	0.0%	0.0%	50.3	50.4	0.1	0.2%	0.0%	47.9	47.9	0.0	0.0%
1.2%	65.7	65.7	0.0	0.0%	1.2%	57.4	57.5	0.1	0.2%	1.2%	48.8	49.0	0.2	0.4%	1.2%	47.7	47.8	0.1	0.2%
2.5%	64.5	64.6	0.1	0.2%	2.5%	56.2	56.3	0.1	0.2%	2.5%	48.6	48.9	0.3	0.6%	2.5%	47.7	47.6	-0.1	-0.2%
3.7%	64.3	64.6	0.3	0.5%	3.7%	55.9	55.9	0.0	0.0%	3.7%	48.4	48.5	0.1	0.2%	3.7%	47.6	47.6	0.0	0.0%
4.9%	63.9	64.1	0.2	0.3%	4.9%	55.4	55.5	0.1	0.2%	4.9%	48.4	48.4	0.0	0.0%	4.9%	47.3	47.4	0.1	0.2%
6.2%	63.5	63.9	0.4	0.6%	6.2%	55.4	55.4	0.0	0.0%	6.2%	48.3	48.3	0.0	0.0%	6.2%	47.1	47.3	0.2	0.4%
7.4%	63.4	63.3	-0.1	-0.2%	7.4%	55.2	55.4	0.2	0.4%	7.4%	48.3	48.3	0.0	0.0%	7.4%	47.1	47.2	0.1	0.2%
8.6%	63.3	63.3	0.0	0.0%	8.6%	55.2	55.3	0.1	0.2%	8.6%	48.3	48.2	-0.1	-0.2%	8.6%	47.1	47.1	0.0	0.0%
9.9%	63.1	63.1	0.0	0.0%	9.9%	55.2	55.2	0.0	0.0%	9.9%	48.1	48.1	0.0	0.0%	9.9%	47.1	47.1	0.0	0.0%
11.1%	63.1	63.0	-0.1	-0.2%	11.1%	55.1	55.2	0.1	0.2%	11.1%	47.9	47.9	0.0	0.0%	11.1%	47.0	47.1	0.1	0.2%
12.3%	63.0	62.9	-0.1	-0.2%	12.3%	55.1	55.0	-0.1	-0.2%	12.3%	47.6	47.8	0.2	0.4%	12.3%	47.0	47.0	0.0	0.0%
13.6%	63.0	62.9	-0.1	-0.2%	13.6%	55.1	54.9	-0.2	-0.4%	13.6%	47.5	47.8	0.3	0.6%	13.6%	46.8	46.8	0.0	0.0%
14.8%	62.9	62.7	-0.2	-0.3%	14.8%	54.9	54.9	0.0	0.0%	14.8%	47.5	47.8	0.3	0.6%	14.8%	46.7	46.6	-0.1	-0.2%
16.0%	62.8	62.6	-0.2	-0.3%	16.0%	54.9	54.8	-0.1	-0.2%	16.0%	47.5	47.6	0.1	0.2%	16.0%	46.6	46.6	0.0	0.0%
17.3%	62.5	62.6	0.1	0.2%	17.3%	54.8	54.8	0.0	0.0%	17.3%	47.5	47.6	0.1	0.2%	17.3%	46.5	46.6	0.1	0.2%
18.5% 19.8%	62.5	62.4	-0.1	-0.2%	18.5% 19.8%	54.6	54.7	0.1	0.2%	18.5% 19.8%	47.5 47.5	47.6	0.1	0.2%	18.5% 19.8%	46.5	46.5	0.0	0.0%
	62.5	62.4	-0.1	-0.2%		54.6	54.7 54.7		0.2%			47.5	0.0	0.0%		46.3	46.3	0.0	0.0%
21.0% 22.2%	62.2 62.1	62.4 62.2	0.2	0.3%	21.0% 22.2%	54.6 54.6	54.7 54.6	0.1	0.2%	21.0% 22.2%	47.4 47.4	47.5 47.5	0.1	0.2%	21.0% 22.2%	46.3 46.2	46.3 46.3	0.0	0.0%
				0.2%								47.5 47.3							0.2%
23.5% 24.7%	62.1 62.0	62.1 62.1	0.0	0.0%	23.5% 24.7%	54.5 54.4	54.5 54.4	0.0	0.0%	23.5% 24.7%	47.3 47.3	47.3	0.0	0.0%	23.5% 24.7%	46.2 46.1	46.2 46.2	0.0 0.1	0.0%
25.9%	62.0	62.0	0.0	0.0%	25.9%	54.4	54.4	0.0	0.0%	25.9%	47.2	47.3 47.2	0.0	0.0%		46.1	46.2	0.1	0.2%
27.2%	61.9	61.8	-0.1	-0.2%	27.2%	54.4	54.4	0.0	0.0%	27.2%	47.2	47.1	-0.1	-0.2%	25.9% 27.2%	46.1	46.1	0.0	0.2%
28.4%	61.9	61.8	-0.1	-0.2%	28.4%	54.4	54.4	0.0	0.0%	28.4%	46.9	47.1	0.2	0.4%	28.4%	46.1	46.1	0.0	0.0%
29.6%	61.9	61.8	-0.1	-0.2%	29.6%	54.3	54.4	-0.1	-0.2%	29.6%	46.9	47.1	0.2	0.4%	29.6%	46.1	46.0	-0.1	-0.2%
30.9%	61.8	61.8	0.0	0.0%	30.9%	54.3 54.2	54.2	-0.1	-0.2%	30.9%	46.8	46.9	0.2	0.2%	30.9%	46.0	46.0	0.0	0.0%
32.1%	61.8	61.7	-0.1	-0.2%	32.1%	54.2	54.0	-0.1	-0.2%	32.1%	46.7	46.9	0.1	0.2%	32.1%	45.8	46.0	0.0	0.4%
33.3%	61.8	61.6	-0.1	-0.3%	33.3%	53.8	53.9	0.1	0.2%	33.3%	46.7	46.9	0.2	0.4%	33.3%	45.8	45.9	0.2	0.2%
34.6%	61.7	61.6	-0.2	-0.2%	34.6%	53.8	53.9	0.1	0.2%	34.6%	46.6	46.7	0.2	0.2%	34.6%	45.8	45.8	0.0	0.0%
35.8%	61.6	61.5	-0.1	-0.2%	35.8%	53.7	53.7	0.0	0.0%	35.8%	46.6	46.6	0.0	0.0%	35.8%	45.7	45.8	0.1	0.2%
37.0%	61.5	61.5	0.0	0.0%	37.0%	53.6	53.6	0.0	0.0%	37.0%	46.5	46.6	0.1	0.2%	37.0%	45.6	45.8	0.2	0.4%
38.3%	61.5	61.5	0.0	0.0%	38.3%	53.6	53.6	0.0	0.0%	38.3%	46.5	46.5	0.0	0.0%	38.3%	45.6	45.7	0.1	0.2%
39.5%	61.5	61.4	-0.1	-0.2%	39.5%	53.4	53.4	0.0	0.0%	39.5%	46.4	46.5	0.1	0.2%	39.5%	45.5	45.6	0.1	0.2%
40.7%	61.5	61.3	-0.2	-0.3%	40.7%	53.4	53.4	0.0	0.0%	40.7%	46.4	46.4	0.0	0.0%	40.7%	45.5	45.6	0.1	0.2%
42.0%	61.5	61.3	-0.2	-0.3%	42.0%	53.3	53.3	0.0	0.0%	42.0%	46.2	46.3	0.1	0.2%	42.0%	45.5	45.6	0.1	0.2%
43.2%	61.4	61.3	-0.1	-0.2%	43.2%	53.3	53.3	0.0	0.0%	43.2%	46.1	46.2	0.1	0.2%	43.2%	45.4	45.6	0.2	0.4%
44.4%	61.4	61.3	-0.1	-0.2%	44.4%	53.3	53.3	0.0	0.0%	44.4%	46.1	46.1	0.0	0.0%	44.4%	45.4	45.4	0.0	0.0%
45.7%	61.4	61.2	-0.2	-0.3%	45.7%	53.2	53.3	0.1	0.2%	45.7%	46.0	46.0	0.0	0.0%	45.7%	45.4	45.4	0.0	0.0%
46.9%	61.4	61.2	-0.2	-0.3%	46.9%	53.2	53.3	0.1	0.2%	46.9%	46.0	46.0	0.0	0.0%	46.9%	45.3	45.4	0.1	0.2%
48.1%	61.2	61.2	0.0	0.0%	48.1%	53.2	53.2	0.0	0.0%	48.1%	46.0	45.9	-0.1	-0.2%	48.1%	45.3	45.3	0.0	0.0%
49.4%	61.2	61.2	0.0	0.0%	49.4%	53.1	53.2	0.1	0.2%	49.4%	45.8	45.9	0.1	0.2%	49.4%	45.2	45.3	0.1	0.2%
50.6%	61.1	61.1	0.0	0.0%	50.6%	53.0	53.1	0.1	0.2%	50.6%	45.8	45.9	0.1	0.2%	50.6%	45.2	45.2	0.0	0.0%
51.9%	61.1	61.1	0.0	0.0%	51.9%	53.0	53.0	0.0	0.0%	51.9%	45.7	45.8	0.1	0.2%	51.9%	45.2	45.2	0.0	0.0%
53.1%	60.9	61.0	0.1	0.2%	53.1%	52.9	53.0	0.1	0.2%	53.1%	45.7	45.8	0.1	0.2%	53.1%	45.2	45.2	0.0	0.0%
54.3%	60.9	60.8	-0.1	-0.2%	54.3%	52.9	52.9	0.0	0.0%	54.3%	45.7	45.7	0.0	0.0%	54.3%	45.1	45.1	0.0	0.0%
55.6%	60.8	60.6	-0.2	-0.3%	55.6%	52.9	52.8	-0.1	-0.2%	55.6%	45.6	45.7	0.1	0.2%	55.6%	45.1	45.1	0.0	0.0%
56.8%	60.7	60.6	-0.1	-0.2%	56.8%	52.8	52.7	-0.1	-0.2%	56.8%	45.6	45.7	0.1	0.2%	56.8%	45.0	45.0	0.0	0.0%
58.0%	60.6	60.6	0.0	0.0%	58.0%	52.7	52.7	0.0	0.0%	58.0%	45.5	45.7	0.2	0.4%	58.0%	44.8	44.9	0.1	0.2%
59.3%	60.6	60.5	-0.1	-0.2%	59.3%	52.7	52.7	0.0	0.0%	59.3%	45.5	45.7	0.2	0.4%	59.3%	44.7	44.6	-0.1	-0.2%
60.5%	60.6	60.4	-0.2	-0.3%	60.5%	52.7	52.7	0.0	0.0%	60.5%	45.5	45.6	0.1	0.2%	60.5%	44.6	44.6	0.0	0.0%
61.7%	60.5	60.4	-0.1	-0.2%	61.7%	52.7	52.6	-0.1	-0.2%	61.7%	45.5	45.6	0.1	0.2%	61.7%	44.5	44.6	0.1	0.2%
63.0%	60.5	60.4	-0.1	-0.2%	63.0%	52.6	52.6	0.0	0.0%	63.0%	45.5	45.6	0.1	0.2%	63.0%	44.5	44.5	0.0	0.0%
64.2%	60.5	60.3	-0.2	-0.3%	64.2%	52.5	52.6	0.1	0.2%	64.2%	45.5	45.6	0.1	0.2%	64.2%	44.4	44.4	0.0	0.0%
65.4%	60.5	60.3	-0.2	-0.3%	65.4%	52.5	52.5	0.0	0.0%	65.4%	45.4	45.5	0.1	0.2%	65.4%	44.4 44.3	44.4	0.0	0.0%
66.7% 67.9%	60.4	60.2	-0.2 -0.2	-0.3% -0.3%	66.7% 67.9%	52.4 52.3	52.5 52.4	0.1	0.2%	66.7% 67.9%	45.3	45.4 45.3	0.1	0.2%	66.7% 67.9%	44.3 44.3	44.3 44.3	0.0	0.0%
69.1%	60.4 60.4	60.2	-0.2	-0.5%	67.9%	52.3 52.2	52.4 52.4	0.1	0.2%	69.1%	45.3 45.2	45.3 45.2	0.0	0.0%	67.9%	44.3 44.3	44.3	0.0	0.0%
70.4%	60.3	60.1	-0.3	-0.3%	70.4%	52.2	52.4	0.2	0.4%	70.4%	45.2	45.2 45.1	0.0	0.0%	70.4%	44.2	44.3 44.1	-0.1	-0.2%
71.6%	60.2	60.0	-0.2	-0.3%	71.6%	52.1	52.3	0.2	0.4%	71.6%	45.0	44.9	-0.1	-0.2%	71.6%	44.2	44.0	-0.1	-0.5%
71.6%	60.1	60.0	-0.2	-0.2%	71.8%	52.0	52.3	0.2	0.4%	71.6%	44.9	44.9	0.0	0.0%	72.8%	44.0	43.9	-0.2	-0.5%
74.1%	60.1	60.0	-0.1	-0.2%	74.1%	52.0	52.3	0.3	0.0%	74.1%	44.9	44.9	0.0	0.0%	74.1%	43.9	43.8	-0.1	-0.2%
75.3%	60.0	60.0	0.0	0.0%	75.3%	52.0	52.0	0.0	0.2%	75.3%	44.9	44.9	0.0	0.0%	75.3%	43.8	43.8	0.0	0.0%
76.5%	60.0	60.0	0.0	0.0%	76.5%	51.8	52.0	0.0	0.4%	76.5%	44.4	44.5	0.1	0.2%	76.5%	43.6	43.6	0.0	0.0%
77.8%	59.9	59.9	0.0	0.0%	77.8%	51.8	51.9	0.1	0.2%	77.8%	44.3	44.4	0.1	0.2%	77.8%	43.5	43.6	0.1	0.2%
79.0%	59.9	59.9	0.0	0.0%	79.0%	51.8	51.9	0.1	0.2%	79.0%	44.1	44.3	0.1	0.5%	79.0%	43.5	43.6	0.1	0.2%
80.2%	59.8	59.7	-0.1	-0.2%	80.2%	51.8	51.9	0.1	0.2%	80.2%	44.1	44.2	0.1	0.2%	80.2%	43.5	43.5	0.0	0.0%
81.5%	59.7	59.7	0.0	0.0%	81.5%	51.8	51.8	0.0	0.0%	81.5%	44.0	43.9	-0.1	-0.2%	81.5%	43.4	43.5	0.1	0.2%
82.7%	59.7	59.6	-0.1	-0.2%	82.7%	51.7	51.8	0.1	0.2%	82.7%	43.9	43.9	0.0	0.0%	82.7%	43.3	43.5	0.2	0.5%
84.0%	59.5	59.4	-0.1	-0.2%	84.0%	51.6	51.7	0.1	0.2%	84.0%	43.8	43.7	-0.1	-0.2%	84.0%	43.3	43.5	0.2	0.5%
85.2%	59.5	59.3	-0.2	-0.3%	85.2%	51.3	51.3	0.0	0.0%	85.2%	43.7	43.7	0.0	0.0%	85.2%	43.2	43.3	0.1	0.2%
86.4%	59.3	59.2	-0.1	-0.2%	86.4%	51.2	51.3	0.1	0.2%	86.4%	43.5	43.6	0.1	0.2%	86.4%	43.0	43.0	0.0	0.0%
87.7%	59.3	59.1	-0.2	-0.3%	87.7%	51.2	51.2	0.0	0.0%	87.7%	43.3	43.4	0.1	0.2%	87.7%	42.9	42.9	0.0	0.0%
88.9%	59.2	59.1	-0.1	-0.2%	88.9%	51.1	51.2	0.1	0.2%	88.9%	43.3	43.2	-0.1	-0.2%	88.9%	42.8	42.7	-0.1	-0.2%
90.1%	59.1	59.1	0.0	0.0%	90.1%	51.0	51.0	0.0	0.0%	90.1%	42.9	43.1	0.2	0.5%	90.1%	42.6	42.6	0.0	0.0%
91.4%	59.0	59.0	0.0	0.0%	91.4%	50.8	51.0	0.2	0.4%	91.4%	42.8	43.0	0.2	0.5%	91.4%	42.6	42.6	0.0	0.0%
92.6%	58.8	59.0	0.2	0.3%	92.6%	50.8	50.9	0.1	0.2%	92.6%	42.8	42.9	0.1	0.2%	92.6%	42.4	42.3	-0.1	-0.2%
93.8%	58.7	58.8	0.1	0.2%	93.8%	50.6	50.8	0.2	0.4%	93.8%	42.6	42.6	0.0	0.0%	93.8%	42.0	42.3	0.3	0.7%
95.1%	58.7	58.7	0.0	0.0%	95.1%	50.5	50.7	0.2	0.4%	95.1%	42.6	42.6	0.0	0.0%	95.1%	41.6	41.7	0.1	0.2%
96.3%	58.6	58.6	0.0	0.0%	96.3%	50.2	50.0	-0.2	-0.4%	96.3%	42.5	42.5	0.0	0.0%	96.3%	41.4	41.4	0.0	0.0%
97.5%	58.5	58.5	0.0	0.0%	97.5%	49.9	49.8	-0.1	-0.2%	97.5%	41.5	41.5	0.0	0.0%	97.5%	39.7	39.7	0.0	0.0%
98.8%	58.4	58.5	0.1	0.2%	98.8%	48.5	48.3	-0.2	-0.4%	98.8%	41.0	41.0	0.0	0.0%	98.8%	39.2	39.2	0.0	0.0%
100.0%	58.4	58.5	0.1	0.2%	100.0%	48.5	48.3	-0.2	-0.4%	100.0%	41.0	41.0	0.0	0.0%	100.0%	39.2	39.2	0.0	0.0%

Table SQ-14-9b
Sacramento River at Freeport, Monthly Temperature
Probability of Exceedance

April

March

February

Percent Percent Percent Percent No Action Alternative Alternative D Absolute Relative Relative Relative Relative Exceedance Exceedance Difference Difference Difference Difference Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) (DEG-F) 0.0% 54.0 53.9 -0.1 -0.2% 0.0% 60.7 60.6 -0.2% 0.0% 65.6 65.8 0.3% 73.7 73.7 0.0% 1.2% 53.0 53.3 0.3 0.6% 1.2% 59.5 59.6 0.1 0.2% 1.2% 65.5 65.4 -0.1 -0.2% 1.2% 72.3 72.3 0.0 0.0% 2.5% 52.6 52.9 0.3 0.6% 2.5% 58.2 58.4 0.3% 2.5% 65.4 65.2 -0.3% 2.5% 71.1 71.2 0.1% 3.7% 3.7% 52.4 52.6 0.2 0.4% 3.7% 58.0 58.2 0.2 0.3% 3.7% 64.9 64.8 -0.1 -0.2% 70.8 70.8 0.0 0.0% 4.9% 52.4 52.3 -0.1 -0.2% 4.9% 58.0 58.0 0.0 0.0% 4.9% 64.8 64.6 -0.2 -0.3% 4.9% 70.4 70.2 -0.2 -0.3% 6.2% 6.2% 6.2% 6.2% 52.0 52.1 0.1 0.2% 57.7 58.0 0.3 0.5% 64.5 64.6 0.1 0.2% 69.9 70.1 0.2 0.3% 7.4% 51.7 51.7 52.0 0.3 0.6% 7.4% 0.3% 7.4% 64.4 0.3% 7.4% 69.8 69.8 0.0 0.0% 0.2 8.6% 8.6% 8.6% 8.6% 51.9 0.2 0.4% 57.4 57.5 0.2% 64.3 64.5 0.2 0.3% 69.6 69.6 0.0% 9.9% 11.1% 12.3% 9.9% 0.2% 0.0% 0.0% 11.1% 12.3% 51.6 51.6 0.0 0.0% 11.1% 56.9 57.3 0.4 0.7% 11.1% 64.0 64.1 0.1 0.2% 69.0 68.9 -0.1 -0.1% 13.6% 13.6% 13.6% 0.2% 0.5% 13.6% 0.0% 51.3 51.4 0.1 56.6 56.9 0.3 63.3 63.4 0.1 0.2% 68.6 68.6 0.0 16.0% 16.0% 16.0% 16.0% 51.2 51.2 0.0 0.0% 56.3 56.6 0.3 0.5% 63.3 63.4 0.1 0.2% 68.3 68.4 0.1 0.1% 18.5% 0.0% 18.5% 0.5% 18.5% 0.5% 18.5% 0.1 0.1% 51.0 51.0 0.0 56.1 56.4 0.3 63.0 63.3 0.3 68.1 68.2 19.8% 21.0% 0.0 0.0% 56.1 56.1 56.4 56.1 19.8% 0.2 19.8% 21.0% 0.0 21.0% 51.0 50.9 0.0 0.0% 62.9 63.1 0.3% 67.8 68.1 0.4% 22.2% 23.5% 50.8 50.8 0.0% 22.2% 23.5% 0.0% 22.2% 23.5% 22.2% 23.5% 0.0 0.0 0.1 56.0 67.7 50.7 0.2% 56.0 0.0 0.0% 62.8 62.8 0.0% 67.7 0.0% 24.7% 25.9% 0.0% 24.7% 25.9% 24.7% 25.9% 0.0% 24.7% 25.9% 50.7 0.0 -0.1 56.0 0.2 0.4% 62.6 62.6 62.4 67.6 0.0 50.7 50.6 55.9 0.5% 0.0 67.5 67.5 55.6 62.4 0.0% 27.2% 28.4% 0.0% 27.2% 28.4% 27.2% 28.4% 50.6 50.6 27.2% 55.8 0.5% 62.4 62.3 -0.1 -0.2% 67.5 67.4 -0.1 0.0 50.5 0.1 28.4% 55.7 0.2 0.4% 0.0 0.0% 67.4 67.4 0.0% 55.5 62.3 62.3 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 50.4 50.4 0.2% 0.4% 62.3 62.2 0.0% 0.0 0.0% 0.5% 62.2 67.3 67.3 32.1% 50.2 50.2 0.0 0.0% 32.1% 55.2 55.5 0.5% 32.1% 62.0 62.2 0.2 0.3% 32.1% 67.2 67.2 0.0 0.0% 33.3% 50.1 0.0 0.0% 33.3% 55.2 55.3 0.2% 33.3% 61.7 61.7 0.0 0.0% 33.3% 67.2 67.1 -0.1 -0.1% 34.6% 50.0 0.1 0.2% 34.6% 55.2 55.2 0.0 0.0% 34.6% 61.6 61.6 0.0 0.0% 34.6% 67.1 67.0 -0.1 -0.1% 35.8% 0.0% 35.8% 55.2 35.8% 0.0% 35.8% 67.1 -0.1 50.0 0.0% 0.0 -0.1% 37.0% 49.9 50.0 0.1 0.2% 37.0% 55.2 55.2 0.0% 37.0% 61.5 61.5 0.0 0.0% 37.0% 67.0 67.0 0.0 0.0% 38.3% 0.4% 38.3% 55.2 38.3% 61.4 61.5 0.2% 38.3% -0.1 0.2% 67.0 39.5% 49.8 49.9 0.1 0.2% 39.5% 55.1 55.1 0.0 0.0% 39.5% 61.4 61.5 0.2% 39.5% 67.0 66.8 -0.2 -0.3% 40.7% 49.8 49.8 0.0% 40.7% 55.0 55.1 0.2% 40.7% 61.4 61.4 0.0 0.0% 40.7% 66.9 66.8 -0.1 -0.1% 42.0% 49.7 49.7 0.0 0.0% 42.0% 54.9 55.0 0.2% 42.0% 61.3 61.4 0.1 0.2% 42.0% 66.8 66.8 0.0 0.0% 43.2% 49.6 49.7 0.1 0.2% 43.2% 54.7 55.0 0.3 0.5% 43.2% 61.3 61.4 0.1 0.2% 43.2% 66.8 66.8 0.0 0.0% 44.4% 49.6 49.6 0.0% 44.4% 54.6 54.9 0.5% 44.4% 61.0 61.3 0.5% 44.4% 66.7 66.7 0.0 0.0% 45.7% 45.7% 45.7% 49.6 49.6 0.0 0.0% 54.5 54.7 0.2 0.4% 61.0 61.1 0.1 0.2% 45.7% 66.6 66.7 0.1 0.2% 46.9% 49.5 49.6 0.2% 46.9% 54.4 54.5 0.2% 46.9% 61.0 61.0 0.0% 46.9% 66.4 66.6 0.2 0.3% 48.1% 49.4% 49.4 49.5 0.1 0.2% 48.1% 54.4 54.5 0.1 0.2% 48.1% 61.0 61.0 0.0 0.0% 48.1% 66.4 66.6 0.2 0.3% 49.4 49.5 0.1 0.2% 49.4% 54.5 0.4% 49.4% 60.9 61.0 0.2% 49.4% 66.4 66.3 -0.1-0.2%50.6% 50.6% 50.6% 49.4 49.4 0.0 0.0% 54.3 54.4 0.1 0.2% 60.9 60.9 0.0 0.0% 50.6% 66.2 66.2 0.0 0.0% 51.9% 49.3 49.3 0.0% 51.9% 54.4 0.2 0.4% 60.8 60.8 0.0% 51.9% 53.1% 0.0 0.0% 53.1% 53.1% 53.1% 0.0 0.1 493 493 54.2 542 0.0% 60.7 60.8 66.0 66.1 0.2% 55.6% 56.8% 55.6% 55.6% 55.6% 0.0% 49.3 49.3 0.0 0.0% 54.1 54.2 0.1 0.2% 60.7 60.7 0.0 0.0% 65.9 65.9 0.0 58.0% 58.0% 58.0% 49.2 49.2 0.0 0.0% 53.9 54.0 0.1 0.2% 60.6 60.6 0.0 0.0% 58.0% 65.4 65.4 0.0 0.0% 60.5% 60.5% 60.5% 49.1 49.2 0.1 0.2% 53.9 53.9 0.0 0.0% 60.1 60.2 0.1 0.2% 60.5% 65.3 65.3 0.0 0.0% 61.7% 63.0% 63.0% 63.0% 63.0% 49.0 49.2 0.2 0.4% 53.8 53.9 0.1 0.2% 59.7 59.8 0.1 0.2% 65.3 65.3 0.0 0.0% 64.2% 65.4% 48.9 48.9 49.1 49.0 0.2 0.4% 64.2% 65.4% 53.9 53.8 64.2% 65.4% 64.2% 65.4% 0.1 0.1 0.2% -0.1 65.1 0.0% 53.7 59.7 59.6 -0.2% 65.1 66.7% 67.9% 48.9 48.9 0.2% 66.7% 67.9% 53.7 53.5 66.7% 67.9% 66.7% 67.9% 49 N 0.4% 59.6 59.6 0.0% 64.8 64.9 0.1 0.2% 0.0 53.4 48.9 0.0 0.1 0.2% 59.4 59.4 0.0% 64.7 64.7 0.0% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 0.0% 53.5 0.4% -0.2% 0.0 -0.1 48.9 0.0 0.0 48.8 0.1 0.2% 53.2 53.2 0.0% 59.3 0.0% 64.5 64.4 -0.2% 59.3 71.6% 48.8 48.8 0.0% 71.6% 53.2 0.2% 71.6% 59.2 59.2 0.0% 71.6% 64.4 64.4 0.0 0.0% 72.8% 48.7 48.8 0.1 72.8% 53.0 53.1 0.1 0.2% 72.8% 59.2 59.1 -0.1 -0.2% 72.8% 64.3 64.3 0.0 0.0% 0.4% 74.1% 75.3% 74.1% 75.3% 74.1% 0.2% 74.1% 0.0% 0.0 0.0% 75.3% 75.3% 76.5% 48.6 48.6 0.0 0.0% 76.5% 52.6 52.9 0.6% 76.5% 58.6 58.6 0.0 0.0% 76.5% 63.8 64.0 0.2 0.3% 77.8% 0.0% 77.8% 77.8% 0.0 0.0% 77.8% 0.1 48.6 52.8 0.4% 58.5 63.7 63.8 0.2% 79.0% 48.6 48.4 -0.2 -0.4% 79.0% 52.5 52.6 0.2% 79.0% 58.5 58.5 0.0 0.0% 79.0% 63.7 63.7 0.0 0.0% 80.2% 0.0% 80.2% 52.6 0.4% 80.2% 0.5% 80.2% 0.1 48.4 48.4 52.4 57.9 58.2 0.3 63.5 63.6 0.2% 81.5% 48.4 48.4 0.0 0.0% 81.5% 52.4 52.4 0.0% 81.5% 57.9 57.9 0.0 0.0% 81.5% 63.4 63.5 0.1 0.2% 82.7% 82.7% 48.3 48.2 -0.1 -0.2% 82.7% 52.4 0.2% 57.7 57.7 0.0 0.0% 82.7% 63.3 63.4 0.1 0.2% 84.0% 48.2 48.2 0.0 0.0% 84.0% 52.1 52.3 0.4% 84.0% 57.6 57.7 0.1 0.2% 84.0% 63.1 63.1 0.0 0.0% 85.2% 48.2 48.1 -0.1 -0.2% 85.2% 52.1 52.2 0.1 0.2% 85.2% 57.6 57.7 0.1 0.2% 85.2% 63.1 63.1 0.0 0.0% 86.4% 48.1 48.1 0.0% 86.4% 52.1 52.2 0.2% 86.4% 57.6 57.6 0.0% 86.4% 63.1 63.1 0.0 0.0% 87.7% 48.0 48.0 0.0 0.0% 87.7% 52.0 52.1 0.1 0.2% 87.7% 57.5 57.5 0.0 0.0% 87.7% 62.9 63.0 0.1 0.2% 88.9% 48.0 48.0 0.0 0.0% 88.9% 52.0 52.1 0.2% 88.9% 57.4 57.4 0.0 0.0% 88.9% 62.8 62.9 0.1 0.2% 90.1% 47.8 48.0 0.2 0.4% 90.1% 52.0 52.0 0.0 0.0% 90.1% 57.3 57.3 0.0 0.0% 90.1% 62.8 62.9 0.1 0.2% 91.4% 91.4% 52.0 0.4% 91.4% 91.4% 62.7 62.8 0.0 0.2 0.1 92.6% 92.6% 92.6% 47.5 47.6 0.2% 51.6 51.7 0.2% 56.6 57.0 0.4 0.7% 92.6% 62.6 62.7 0.2% 93.8% 47.4 47.4 51.6 56.4 93.8% 62.7 0.0 0.0% 93.8% 51.6 0.0 0.0% 93.8% 56.3 0.1 0.2% 62.3 0.4 0.6% 95.1% 95.1% 95.1% 95.1% 47.3 47.3 0.0 0.0% 51.4 51.4 0.0 0.0% 56.3 56.3 0.0 0.0% 62.2 62.3 0.1 0.2% 96.3% 47.2 0.0% 96.3% 0.0% 96.3% 97.5% 56.2 0.0 0.0% 96.3% 97.5% 0.1 0.2% 97.5% 97.5% 51.3 55.1 0.2% 47 1 47 1 0.0 0.0% 51.3 0.0 0.0% 55.1 0.0 0.0% 61.3 61.4 -0.2% 0.0% 98.8% 0.0% 100.0% 100.0% 100.0% 100.0% 46.4 46.3 -0.1 -0.2% 51.1 51.1 0.0 0.0% 54.3 54.3 0.0 0.0% 60.3 60.3 0.0 0.0%

Table SQ-14-9b
Sacramento River at Freeport, Monthly Temperature
Probability of Exceedance

									Probability	of Exceedance					-				
Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0% 1.2%	74.4 74.3	74.6 74.5	0.2	0.3%	0.0%	77.4 76.4	77.1 76.7	-0.3 0.3	-0.4% 0.4%	0.0%	74.9 74.9	74.8 74.7	-0.1 -0.2	-0.1% -0.3%	0.0% 1.2%	73.2 71.6	73.0 71.9	-0.2 0.3	-0.3% 0.4%
2.5%	73.7	74.5	0.2	0.5%	1.2% 2.5%	76.3	76.1	-0.2	-0.3%	1.2% 2.5%	74.9	74.7	-0.2	-0.3%	2.5%	71.5	71.9	0.3	0.4%
3.7%	73.5	74.0	0.5	0.7%	3.7%	75.0	74.9	-0.1	-0.1%	3.7%	74.8	74.5	-0.3	-0.4%	3.7%	71.3	71.6	0.3	0.4%
4.9%	73.3	73.9	0.6	0.8%	4.9%	74.7	74.7	0.0	0.0%	4.9%	74.7	74.3	-0.4	-0.5%	4.9%	71.3	71.3	0.0	0.0%
6.2%	73.1	73.5	0.4	0.5%	6.2%	74.6	74.6	0.0	0.0%	6.2%	74.4	74.3	-0.1	-0.1%	6.2%	71.3	71.1	-0.2	-0.3%
7.4%	73.1	73.4	0.3	0.4%	7.4%	74.3	74.5	0.2	0.3%	7.4%	74.4	74.2	-0.2	-0.3%	7.4%	71.2	71.1	-0.1	-0.1%
8.6% 9.9%	72.9 72.7	73.2 73.1	0.3	0.4%	8.6% 9.9%	74.0 73.9	74.2 74.1	0.2	0.3%	8.6% 9.9%	74.3 74.3	74.2 74.0	-0.1 -0.3	-0.1% -0.4%	8.6% 9.9%	71.2 70.9	71.1 70.9	-0.1 0.0	-0.1% 0.0%
11.1%	72.5	72.9	0.4	0.6%	11.1%	73.9	74.1	0.2	0.3%	11.1%	74.2	73.9	-0.3	-0.4%	11.1%	70.9	70.9	-0.2	-0.3%
12.3%	72.4	72.9	0.5	0.7%	12.3%	73.8	74.0	0.2	0.3%	12.3%	74.1	73.9	-0.2	-0.3%	12.3%	70.7	70.5	-0.2	-0.3%
13.6%	72.4	72.9	0.5	0.7%	13.6%	73.8	73.9	0.1	0.1%	13.6%	73.9	73.7	-0.2	-0.3%	13.6%	70.6	70.3	-0.3	-0.4%
14.8%	72.4	72.8	0.4	0.6%	14.8%	73.7	73.8	0.1	0.1%	14.8%	73.8	73.6	-0.2	-0.3%	14.8%	70.6	70.2	-0.4	-0.6%
16.0% 17.3%	72.4 72.3	72.8 72.8	0.4 0.5	0.6% 0.7%	16.0% 17.3%	73.6 73.6	73.7 73.7	0.1 0.1	0.1% 0.1%	16.0% 17.3%	73.7 73.6	73.6 73.6	-0.1 0.0	-0.1% 0.0%	16.0% 17.3%	70.5 70.3	70.2 70.2	-0.3 -0.1	-0.4% -0.1%
18.5%	72.3	72.5	0.5	0.6%	18.5%	73.5	73.7	0.1	0.3%	18.5%	73.6	73.5	-0.1	-0.1%	18.5%	70.3	70.2	0.0	0.0%
19.8%	72.0	72.4	0.4	0.6%	19.8%	73.4	73.6	0.2	0.3%	19.8%	73.6	73.4	-0.1	-0.3%	19.8%	70.1	70.0	-0.1	-0.1%
21.0%	71.9	72.1	0.2	0.3%	21.0%	73.4	73.5	0.1	0.1%	21.0%	73.3	73.3	0.0	0.0%	21.0%	70.1	69.9	-0.2	-0.3%
22.2%	71.7	72.1	0.4	0.6%	22.2%	73.3	73.4	0.1	0.1%	22.2%	73.3	73.3	0.0	0.0%	22.2%	69.9	69.9	0.0	0.0%
23.5%	71.6	72.0	0.4	0.6%	23.5%	73.3	73.4	0.1	0.1%	23.5%	73.1	73.2	0.1	0.1%	23.5%	69.9	69.6	-0.3	-0.4%
24.7% 25.9%	71.5 71.4	72.0 71.8	0.5 0.4	0.7%	24.7% 25.9%	73.3 73.3	73.3 73.3	0.0	0.0%	24.7% 25.9%	73.1 73.0	73.0 73.0	-0.1 0.0	-0.1% 0.0%	24.7% 25.9%	69.5 69.4	69.6 69.5	0.1 0.1	0.1% 0.1%
27.2%	71.4	71.7	0.4	0.4%	27.2%	73.3	73.2	-0.1	-0.1%	27.2%	73.0	73.0	0.0	0.0%	27.2%	69.3	69.4	0.1	0.1%
28.4%	71.4	71.6	0.2	0.3%	28.4%	73.2	73.2	0.0	0.0%	28.4%	72.9	73.0	0.1	0.1%	28.4%	69.3	69.4	0.1	0.1%
29.6%	71.3	71.5	0.2	0.3%	29.6%	73.2	73.1	-0.1	-0.1%	29.6%	72.9	72.8	-0.1	-0.1%	29.6%	69.3	69.3	0.0	0.0%
30.9%	71.3	71.5	0.2	0.3%	30.9%	73.2	73.1	-0.1	-0.1%	30.9%	72.8	72.7	-0.1	-0.1%	30.9%	69.2	69.3	0.1	0.1%
32.1%	71.1	71.4	0.3	0.4%	32.1%	73.1	73.1 73.0	0.0 -0.1	0.0%	32.1% 33.3%	72.8	72.6	-0.2	-0.3%	32.1%	69.2 69.1	69.3 69.2	0.1	0.1%
33.3% 34.6%	71.1 71.1	71.4 71.4	0.3	0.4%	33.3% 34.6%	73.1 73.0	73.0	0.0	-0.1% 0.0%	34.6%	72.7 72.7	72.5 72.5	-0.2 -0.2	-0.3% -0.3%	33.3% 34.6%	69.0	69.2	0.1 0.1	0.1% 0.1%
35.8%	71.0	71.4	0.4	0.6%	35.8%	73.0	73.0	0.0	0.0%	35.8%	72.7	72.4	-0.3	-0.4%	35.8%	68.9	68.9	0.0	0.0%
37.0%	71.0	71.3	0.3	0.4%	37.0%	73.0	72.9	-0.1	-0.1%	37.0%	72.5	72.4	-0.1	-0.1%	37.0%	68.9	68.9	0.0	0.0%
38.3%	71.0	71.3	0.3	0.4%	38.3%	72.9	72.9	0.0	0.0%	38.3%	72.5	72.4	-0.1	-0.1%	38.3%	68.7	68.7	0.0	0.0%
39.5%	70.9	71.3	0.4	0.6%	39.5%	72.9	72.9	0.0	0.0%	39.5%	72.4	72.4	0.0	0.0%	39.5%	68.7	68.7	0.0	0.0%
40.7% 42.0%	70.9 70.9	71.1 71.1	0.2 0.2	0.3%	40.7% 42.0%	72.8 72.8	72.8 72.8	0.0	0.0%	40.7% 42.0%	72.4 72.3	72.3 72.3	-0.1 0.0	-0.1% 0.0%	40.7% 42.0%	68.4 68.4	68.6 68.3	0.2 -0.1	0.3% -0.1%
43.2%	70.8	71.0	0.2	0.3%	43.2%	72.8	72.7	-0.1	-0.1%	43.2%	72.3	72.2	-0.1	-0.1%	43.2%	68.3	68.3	0.0	0.0%
44.4%	70.8	70.9	0.1	0.1%	44.4%	72.6	72.7	0.1	0.1%	44.4%	72.2	72.1	-0.1	-0.1%	44.4%	68.3	68.3	0.0	0.0%
45.7%	70.8	70.8	0.0	0.0%	45.7%	72.6	72.6	0.0	0.0%	45.7%	72.1	72.0	-0.1	-0.1%	45.7%	68.3	68.2	-0.1	-0.1%
46.9%	70.8	70.8	0.0	0.0%	46.9%	72.6	72.6	0.0	0.0%	46.9%	72.1	71.9	-0.2	-0.3%	46.9%	68.2	68.0	-0.2	-0.3%
48.1%	70.7	70.7	0.0	0.0%	48.1%	72.6	72.6	0.0	0.0%	48.1%	72.0	71.8	-0.2	-0.3%	48.1%	68.2	67.9	-0.3	-0.4%
49.4% 50.6%	70.5 70.5	70.7 70.6	0.2	0.3%	49.4% 50.6%	72.4 72.4	72.6 72.4	0.2	0.3%	49.4% 50.6%	71.9 71.7	71.8 71.7	-0.1 0.0	-0.1% 0.0%	49.4% 50.6%	68.0 67.9	67.9 67.9	-0.1 0.0	-0.1% 0.0%
51.9%	70.5	70.5	0.0	0.0%	51.9%	72.4	72.4	0.0	0.0%	51.9%	71.7	71.7	0.0	0.0%	51.9%	67.9	67.7	-0.2	-0.3%
53.1%	70.4	70.4	0.0	0.0%	53.1%	72.4	72.3	-0.1	-0.1%	53.1%	71.6	71.7	0.1	0.1%	53.1%	67.8	67.7	-0.1	-0.1%
54.3%	70.4	70.4	0.0	0.0%	54.3%	72.4	72.2	-0.2	-0.3%	54.3%	71.6	71.7	0.1	0.1%	54.3%	67.8	67.6	-0.2	-0.3%
55.6%	70.4	70.4	0.0	0.0%	55.6%	72.3	72.2	-0.1	-0.1%	55.6%	71.6	71.6	0.0	0.0%	55.6%	67.6	67.5	-0.1	-0.1%
56.8% 58.0%	70.3 70.3	70.4 70.3	0.1	0.1%	56.8% 58.0%	72.1 71.9	72.2 72.1	0.1 0.2	0.1% 0.3%	56.8% 58.0%	71.4 71.3	71.5 71.5	0.1 0.2	0.1%	56.8% 58.0%	67.6 67.5	67.3 67.3	-0.3 -0.2	-0.4% -0.3%
59.3%	70.2	70.2	0.0	0.0%	59.3%	71.9	72.1	0.2	0.3%	59.3%	71.3	71.4	0.2	0.1%	59.3%	67.5	67.2	-0.2	-0.4%
60.5%	70.2	70.1	-0.1	-0.1%	60.5%	71.9	72.1	0.2	0.3%	60.5%	71.3	71.4	0.1	0.1%	60.5%	67.5	67.2	-0.3	-0.4%
61.7%	70.1	70.1	0.0	0.0%	61.7%	71.8	71.9	0.1	0.1%	61.7%	71.3	71.4	0.1	0.1%	61.7%	67.5	67.1	-0.4	-0.6%
63.0%	70.1	70.0	-0.1	-0.1%	63.0%	71.8	71.9	0.1	0.1%	63.0%	71.2	71.4	0.2	0.3%	63.0%	67.4	67.1	-0.3	-0.4%
64.2% 65.4%	69.8 69.8	70.0 69.9	0.2 0.1	0.3% 0.1%	64.2% 65.4%	71.8 71.8	71.8 71.8	0.0	0.0%	64.2% 65.4%	71.2 71.1	71.4 71.3	0.2 0.2	0.3%	64.2% 65.4%	67.3 67.1	67.0 66.9	-0.3 -0.2	-0.4% -0.3%
66.7%	69.8	69.8	0.0	0.0%	66.7%	71.8	71.8	0.0	0.0%	66.7%	71.1	71.2	0.1	0.1%	66.7%	67.1	66.9	-0.2	-0.3%
67.9%	69.6	69.7	0.1	0.1%	67.9%	71.7	71.8	0.1	0.1%	67.9%	71.1	71.2	0.1	0.1%	67.9%	67.0	66.9	-0.1	-0.1%
69.1%	69.5	69.7	0.2	0.3%	69.1%	71.7	71.7	0.0	0.0%	69.1%	71.0	71.1	0.1	0.1%	69.1%	67.0	66.9	-0.1	-0.1%
70.4% 71.6%	69.5	69.6	0.1	0.1%	70.4%	71.7	71.7	0.0	0.0%	70.4%	70.9	71.1	0.2	0.3%	70.4%	66.8	66.8	0.0	0.0%
71.6% 72.8%	69.4 69.4	69.5 69.5	0.1	0.1% 0.1%	71.6% 72.8%	71.6 71.6	71.7 71.6	0.1	0.1%	71.6% 72.8%	70.8 70.8	71.1 71.1	0.3	0.4% 0.4%	71.6% 72.8%	66.7 66.7	66.8 66.7	0.1	0.1%
74.1%	69.3	69.4	0.1	0.1%	74.1%	71.6	71.6	0.0	0.0%	74.1%	70.8	71.1	0.3	0.4%	74.1%	66.7	66.7	0.0	0.0%
75.3%	69.3	69.3	0.0	0.0%	75.3%	71.6	71.5	-0.1	-0.1%	75.3%	70.8	71.0	0.2	0.3%	75.3%	66.6	66.7	0.1	0.2%
76.5%	69.0	69.2	0.2	0.3%	76.5%	71.5	71.5	0.0	0.0%	76.5%	70.7	71.0	0.3	0.4%	76.5%	66.6	66.6	0.0	0.0%
77.8%	69.0	69.0	0.0	0.0%	77.8%	71.4	71.4	0.0	0.0%	77.8%	70.7	71.0	0.3	0.4%	77.8%	66.5	66.6	0.1	0.2%
79.0% 80.2%	68.9 68.8	68.8 68.8	-0.1 0.0	-0.1% 0.0%	79.0% 80.2%	71.4 71.4	71.4 71.4	0.0	0.0%	79.0% 80.2%	70.7 70.7	70.9 70.9	0.2	0.3%	79.0% 80.2%	66.4 66.4	66.5 66.5	0.1	0.2%
81.5%	68.6	68.6	0.0	0.0%	81.5%	71.2	71.3	0.0	0.1%	81.5%	70.6	70.8	0.2 0.2	0.3%	81.5%	66.4	66.3	-0.1	-0.2%
82.7%	68.6	68.5	-0.1	-0.1%	82.7%	71.1	71.3	0.1	0.3%	82.7%	70.6	70.8	0.2	0.3%	82.7%	66.2	66.2	0.0	0.0%
84.0%	68.3	68.3	0.0	0.0%	84.0%	71.1	71.2	0.1	0.1%	84.0%	70.5	70.7	0.2	0.3%	84.0%	66.1	66.1	0.0	0.0%
85.2%	68.3	68.3	0.0	0.0%	85.2%	71.0	71.0	0.0	0.0%	85.2%	70.4	70.7	0.3	0.4%	85.2%	66.1	66.1	0.0	0.0%
86.4% 87.7%	68.0 67.7	68.1 67.6	0.1 -0.1	0.1% -0.1%	86.4% 87.7%	70.9 70.7	70.9 70.8	0.0 0.1	0.0% 0.1%	86.4%	70.3 70.3	70.6 70.6	0.3	0.4% 0.4%	86.4% 87.7%	66.0 65.5	66.0 65.9	0.0	0.0%
87.7% 88.9%	67.6	67.6	-0.1	-0.1%	87.7%	70.7	70.8	0.1	0.1%	87.7% 88.9%	70.3	70.6	0.3	0.4%	87.7%	65.5	65.8	0.4	0.6%
90.1%	67.4	67.5	0.0	0.1%	90.1%	70.4	70.6	0.0	0.1%	90.1%	70.2	70.3	0.3	0.4%	90.1%	65.4	65.7	0.4	0.5%
91.4%	67.4	67.3	-0.1	-0.1%	91.4%	70.4	70.2	-0.2	-0.3%	91.4%	70.1	70.2	0.1	0.1%	91.4%	65.2	65.0	-0.2	-0.3%
92.6%	66.9	66.9	0.0	0.0%	92.6%	70.3	70.1	-0.2	-0.3%	92.6%	69.9	70.2	0.3	0.4%	92.6%	64.9	64.8	-0.1	-0.2%
93.8%	66.8	66.8	0.0	0.0%	93.8%	70.3	69.8	-0.5	-0.7%	93.8%	69.7	70.2	0.5	0.7%	93.8%	64.2	64.1	-0.1	-0.2%
95.1% 96.3%	66.8 66.6	66.8 66.6	0.0	0.0%	95.1% 96.3%	69.9 69.5	69.4 69.3	-0.5 -0.2	-0.7% -0.3%	95.1% 96.3%	69.7 69.3	69.6 69.5	-0.1 0.2	-0.1% 0.3%	95.1% 96.3%	64.1 63.8	64.0 63.7	-0.1 -0.1	-0.2% -0.2%
96.3%	66.6	66.5	-0.1	-0.2%	96.3%	69.5	69.3	0.1	-0.3% 0.1%	97.5%	69.3	69.5	0.2	0.3%	96.3%	63.2	63.1	-0.1	-0.2%
98.8%	65.7	65.6	-0.1	-0.2%	98.8%	69.2	69.0	-0.2	-0.3%	98.8%	68.8	69.1	0.2	0.4%	98.8%	62.9	63.0	0.1	0.2%
100.0%	65.7	65.6	-0.1	-0.2%	100.0%	69.2	69.0	-0.2	-0.3%	100.0%	68.8	69.1	0.3	0.4%	100.0%	62.9	63.0	0.1	0.2%

Table SQ-15-9a Feather River below Fish Barrier Dam, Monthly Temperature Long-term Average and Average by Water Year Type

·					Mon	thly Temp	erature (DE	G-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	54.0	52.6	48.9	47.6	48.5	49.9	51.4	55.5	57.6	61.0	60.5	55.4
Alternative D	54.0	52.5	48.8	47.6	48.5	49.9	51.4	55.5	57.6	60.9	60.4	55.4
Difference	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0
Percent Difference ³	0.0%	-0.1%	-0.3%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	-0.2%	-0.2%	0.0%
				Water Y	ear Types	!						
Net (32%)												
No Action Alternative	53.2	52.2	48.9	47.8	47.8	48.6	50.5	54.8	57.3	61.2	60.7	54.4
Alternative D	53.3	52.2	48.8	47.8	47.8	48.6	50.5	54.8	57.3	61.2	60.6	54.4
Difference	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0
Percent Difference	0.2%	0.0%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.2%	0.0%
Above Normal (15%)												
No Action Alternative	53.3	52.0	48.8	47.5	48.1	48.8	51.5	55.7	57.8	60.7	59.8	54.5
Alternative D	53.3	52.0	48.6	47.6	48.1	48.8	51.5	55.7	57.6	60.7	59.9	54.4
Difference	0.1	0.0	-0.3	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.1	-0.1
Percent Difference	0.1%	0.0%	-0.6%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.0%	0.2%	-0.19
Below Normal (17%)												
No Action Alternative	53.8	52.3	48.5	47.5	48.4	50.3	52.0	55.9	57.8	60.8	59.9	55.6
Alternative D	54.0	52.3	48.4	47.5	48.5	50.1	52.1	56.0	57.7	60.8	60.1	55.7
Difference	0.1	0.0	-0.1	0.0	0.0	-0.2	0.0	0.0	-0.1	0.0	0.1	0.1
Percent Difference	0.2%	0.0%	-0.1%	0.1%	0.1%	-0.4%	0.1%	0.0%	-0.2%	0.0%	0.2%	0.2%
Dry (22%)												
No Action Alternative	54.3	52.8	49.0	47.5	48.9	51.1	51.9	55.7	57.7	60.8	60.2	55.9
Alternative D	54.2	52.7	48.9	47.5	49.0	51.4	52.0	55.8	57.9	60.8	59.9	55.6
Difference	0.0	-0.1	-0.2	0.0	0.0	0.3	0.0	0.1	0.2	0.1	-0.3	-0.3
Percent Difference	-0.1%	-0.2%	-0.4%	0.0%	0.1%	0.5%	0.0%	0.1%	0.3%	0.1%	-0.5%	-0.69
Critical (15%)	•	•	•	•	•	•	•	•	•			
No Action Alternative	56.2	54.0	49.5	47.4	49.2	51.3	51.5	55.9	57.7	61.6	61.8	57.2
Alternative D	56.0	53.7	49.2	47.4	49.1	51.2	51.6	55.9	58.0	60.9	61.3	57.7
Difference	-0.2	-0.3	-0.3	0.0	-0.1	-0.1	0.1	0.0	0.3	-0.7	-0.6	0.4
Percent Difference	-0.4%	-0.6%	-0.6%	-0.1%	-0.2%	-0.3%	0.2%	0.1%	0.5%	-1.1%	-0.9%	0.8%

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



Figure SQ-15-9b
Feather River below Fish Barrier Dam, Monthly Temperature
Probability of Exceedance

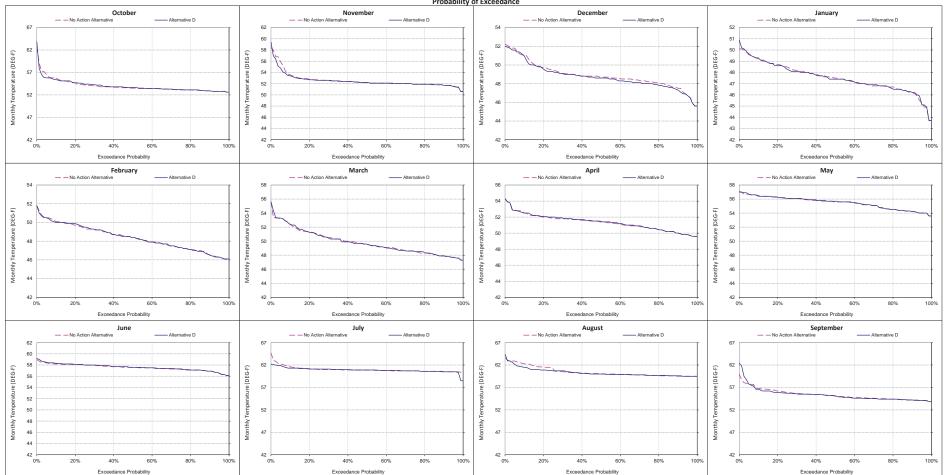


Table SQ-15-9b Feather River below Fish Barrier Dam, Monthly Temperature Probability of Exceedance

Octobe Novembe January Percent Percent Percent Percent No Action Alternative Alternative D Absolute Relative Relative Relative Relative Exceedance Exceedance Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (DEG-F) (DEG-F) (%) (DEG-F) ____(%) (DEG-F) (%) 0.0% (DEG-F) 0.0% 62.6 63.9 0.0% 58.4 1.7% 0.0% 52.2 52.0 -0.4% 50.1 50.9 1.6% 1.2% 59.1 57.9 -1.2 -2.0% 1.2% 58.0 57.0 -1.0 -1.7% 1.2% 52.1 51.9 -0.2 -0.4% 1.2% 50.1 50.2 0.1 0.2% 2.5% 57.3 56.5 -1.4% 2.5% 56.8 56.4 -0.7% 2.5% 51.9 51.8 -0.1 -0.2% 2.5% 50.0 50.1 0.2% 3.7% 3.7% 57.2 55.9 -1.3 -2.3% 3.7% 56.8 55.1 -1.7 -3.0% 3.7% 51.8 51.6 -0.2 -0.4% 49.8 499 0.1 0.2% 4.9% 56.6 55.8 -0.8 -1.4% 4.9% 55.9 54.8 -2.0% 4.9% 51.8 51.6 -0.2 -0.4% 4.9% 49.7 49.6 -0.1 -0.2% 6.2% 6.2% 6.2% 6.2% 56.0 55.8 -0.2 -0.4% 55.3 54.1 -1.2 -2.2% 51.5 51.4 -0.1 -0.2% 49.5 49.5 0.0 0.0% 7.4% -0.2% -0.5% 7.4% 53.9 -0.4-0.7% 7.4% 0.4% 7.4% 49.4 49.4 0.0 0.0% 0.2 8.6% 8.6% 8.6% 8.6% 55.8 55.5 -0.3 53.7 53.5 -0.2 -0.4% 51.1 51.2 0.2% 49 3 493 0.0% 9.9% 11.1% 12.3% -0.5% 9.9% -0.4% 49.3 0.2% 11.1% 12.3% 55.5 55.3 -0.2 -0.4% 11.1% 53.4 53.3 -0.1 -0.2% 11.1% 51.0 50.5 -0.5 -1.0% 49.1 49.1 0.0 0.0% 13.6% 13.6% 13.6% 13.6% 0.0% 55.2 55.1 -0.1 -0.2% 53.1 53.0 -0.1 -0.2% 50.3 50.0 -0.3 -0.6% 49 0 49.0 0.0 16.0% 16.0% 16.0% 16.0% 55.0 55.1 0.1 0.2% 52.9 52.9 0.0 0.0% 49.9 49.9 0.0 0.0% 48.8 48.8 0.0 0.0% 18.5% 0.2% 18.5% -0.2% 18.5% 18.5% -0.4% 54.7 54.8 0.1 52.9 52.8 -0.1 49.8 49.8 0.0 0.0% 48.8 48.6 -0.2 19.8% 21.0% 54.7 54.4 54.7 54.7 0.0 52.7 52.7 19.8% 21.0% -0.1 -0.3 -0.2% 19.8% 21.0% -0.1 -0.1 21.0% 0.0 0.6% 52.7 0.0% 49.7 49.4 -0.6% 48.7 48.6 -0.2% 22.2% 23.5% 54.4 54.3 54.6 54.6 0.4% 22.2% 23.5% 52.7 0.0% 22.2% 23.5% -0.6% 22.2% 23.5% 0.2 -0.3 -0.2 0.0 52.6 0.6% 52.7 -0.1 -0.2% 49.5 49.3 -0.4% 48.5 48.5 0.0% 24.7% 25.9% 0.4% 24.7% 25.9% 24.7% 25.9% 24.7% 25.9% 54.2 54.2 0.2 52.6 -0.2% 4Q 5 -0.2 -0.2 -0.4% 48.5 48.3 -0.2 -0.2 0.4% 54.4 52.6 52.6 0.0 49.4 49.2 -0.4% 48.2 0.0% 48.4 -0.4% 27.2% 28.4% 0.6% 27.2% 28.4% 27.2% 52.6 52.6 0.0% 27.2% 49 3 49.2 -0.1 -0.1 -0.2% 48 3 48 1 -0.2 -0.4% 54.1 54.1 54.3 0.2 28.4% 52.6 52.6 0.0 0.0% 28.4% -0.2% 48.2 48.1 -0.1 -0.2% 49.2 49.1 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 0.6% 52.6 0.0 0.0% 48.1 -0.2% 0.0% 52.6 48.1 0.2% 32.1% 53.9 0.3 0.6% 32.1% 52.5 52.5 0.0% 32.1% 49.1 49.0 -0.1 -0.2% 32.1% 48.1 48.0 -0.1 -0.2% 33.3% 0.4 0.7% 33.3% 52.5 0.0% 33.3% 49.0 0.0 0.0% 33.3% 48.0 -0.1 -0.2% 34.6% 53.8 0.1 0.2% 34.6% 52.4 52.5 0.2% 34.6% 49.0 49.0 0.0 0.0% 34.6% 48.0 48.0 0.0 0.0% 35.8% 0.2% 35.8% 52.5 35.8% 0.0% 35.8% 53.8 0.2% 49.0 0.0% 37.0% 53.8 0.1 0.2% 37.0% 52.4 52.4 0.0% 37.0% 48.9 48.9 0.0 0.0% 37.0% 47.9 47.9 0.0 0.0% 38.3% 53.8 0.0% 38.3% 52.4 38.3% 0.0% 38.3% 47.9 48.9 47.9 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51.9% 0.0% 48.7 48.6 -0.1 -0.1 -0.2% 51.9% 53.1% 0.0% 53.1% 53.1% 53.1% 53.4 52.1 0.0 53.5 52 1 0.0 0.0% 48.7 48.6 -0.2% 47 4 47.4 0.0% 55.6% 56.8% 55.6% 55.6% 55.6% 0.0% 53.4 53.5 0.1 0.2% 52.1 52.1 0.0 0.0% 48.6 48.5 -0.1 -0.2% 47.3 47.3 0.0 58.0% 0.0% 58.0% 58.0% 53.4 53.4 0.0 52.1 52.1 0.0 0.0% 48.6 48.4 -0.2 -0.4% 58.0% 47.2 47.3 0.1 0.2% 60.5% 60.5% 60.5% 53.4 53.4 0.0 0.0% 52.1 52.1 0.0 0.0% 48.5 48.3 -0.2 -0.4% 60.5% 47.1 47.1 0.0 0.0% 61.7% 47 1 63.0% 63.0% 63.0% 53.4 63.0% 53.4 0.0 0.0% 52.1 52.0 -0.1 -0.2% 48.5 48.2 -0.3 -0.6% 47.0 47.0 0.0 0.0% 64.2% 65.4% 53.4 53.3 64.2% 65.4% 64.2% 65.4% -0.3 -0.3 64.2% 65.4% 47.0 0.0 0.1 53.3 52.0 0.0 48.2 47.0 47.0 0.0% 0.0% 52.0 0.0% 48.5 -0.6% 66.7% 67.9% 53.3 53.3 0.0% 66.7% 67.9% 66.7% 67.9% 66.7% 67.9% 53.3 53.3 0.0 52.0 0.0% 48.4 48 1 -0.3 -0.3 -0.6% 46.9 46.9 0.0 0.0% 52.0 52.0 0.0 0.0% 48.4 48.1 -0.6% 46.9 46.9 0.0% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 0.2% 52.0 18.4 -0.3 -0.2 46.0 0.1 53.3 0.1 53.2 0.2% 52.0 52.0 0.0 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100.0% 100.0% 52.6 52.6 0.0 0.0% 50.6 50.6 0.0% 45.6 45.6 0.0 0.0% 43.7 43.7 0.0 0.0%

Table SQ-15-9b
Feather River below Fish Barrier Dam, Monthly Temperature
Probability of Exceedance

Part										Probability	of Exceedance	.,,								
	Dercent		February			Dorcont		March			Dorcont		April			Dorcont		May		
Mary	Exceedance				Relative	Exceedance				Relative	Exceedance					Exceedance				
The column The	Probability				Difference (%)	Probability				Difference (%)	Probability				Difference (%)	Probability				Difference (%)
1	(%)				0.09/	(%)		(DEG-F)		0.09/		(DEG-F)			0.09/	(%)				0.29/
250																				
Apr	2.5%	50.8			-0.2%	2.5%		53.4		0.2%	2.5%		53.8	0.0	0.0%	2.5%			0.2	0.4%
STATE STAT																				
The																				
Section Sect																				
116. St. St. St. St. St. St. St. St. St. St	8.6%	50.3		-0.2	-0.4%	8.6%			-0.1	-0.2%	8.6%	52.8	52.6	-0.2	-0.4%	8.6%			0.0	0.0%
125				-0.1																
100											11.1%									
140											13.6%									
17.0																				
18				0.0		16.0%		51.7	0.2		16.0%									0.0%
18th 467																				
200.																				
200. 460				0.1		21.0%				-0.2%			52.1							0.0%
24.70				0.1		22.2%				0.0%										
250 463																				
22 P. 46 3																				
24.64																				
2000	28.4%	49.3	49.3	0.0	0.0%	28.4%	50.7	50.6	-0.1	-0.2%	28.4%	51.8	51.9	0.1	0.2%	28.4%	56.1	56.1	0.0	0.0%
20 May	29.6%			0.1		29.6%				0.0%	29.6%					29.6%				
1																				
3600 401 401 01 025 3400 903 903 903 903 903 903 903 903 903 9																				
370% 403 403 00 00% 370% 502 403 403 -00% 370% 517 517 517 517 517 500 00% 370% 503 00 00% 505% 503 403 407 407 00 00% 505% 503 403 403 403 403 403 403 403 403 403 4	34.6%	49.0	49.1	0.1	0.2%	34.6%	50.3	50.3	0.0	0.0%	34.6%	51.7	51.8	0.1	0.2%	34.6%	55.9	56.0	0.1	0.2%
9375, 483 483 483 001 075, 483 483 483 483 483 483 483 483 483 483											35.8%									
250 407																				
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49-9, 48-4																				
SO SO SO SO SO SO SO SO	48.1%			0.0		48.1%		49.6	0.0	0.0%	48.1%	51.5	51.5	0.0		48.1%	55.7	55.7	0.0	0.0%
519h 49.3 44.3 0.0 0.0 0/h 51.9h 49.4 49.4 0.0 0.0/h 51.9h 51.4 51.4 0.0 0.0/h 51.9h 56.6 56.6 0.0 0.0/h 53.3h 49.2 49.2 0.1 0.2/h 58.3h 49.2 49.2 0.0 0.0/h 58.3h 49.2 49.2 49.2 0.0 0.0/h 58.3h 49.2 49.2 49.2 0.0 0.0/h 58.3h 49.2 49.2 49.2 49.2 49.2 49.2 49.2 49.2										0.2%										
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Section Sect		48.1		0.0					-0.1		55.6%					55.6%	55.6	55.6		
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$82.7\% \qquad 47.0 \qquad 47.0 \qquad 0.0 \qquad 0.0\% \qquad 82.7\% \qquad 48.2 \qquad 48.3 \qquad 0.1 \qquad 0.2\% \qquad 82.7\% \qquad 50.3 \qquad 50.3 \qquad 0.0 \qquad 0.0\% \qquad 82.7\% \qquad 54.4 \qquad 54.4 \qquad 0.0 \qquad 0.0\% \qquad 85.2\% \qquad 47.0 \qquad 46.9 \qquad -0.1 \qquad -0.2\% \qquad 84.0\% \qquad 48.1 \qquad 48.1 \qquad 0.0 \qquad 0.0\% \qquad 85.2\% \qquad 50.2 \qquad 0.0 \qquad 0.0\% \qquad 85.2\% \qquad 54.4 \qquad 54.4 \qquad 0.0 \qquad 0.0\% \qquad 85.2\% \qquad 47.0 \qquad 46.9 \qquad -0.1 \qquad -0.2\% \qquad 85.2\% \qquad 48.1 \qquad 48.1 \qquad 0.0 \qquad 0.0\% \qquad 85.2\% \qquad 50.2 \qquad 50.2 \qquad 0.0 \qquad 0.0\% \qquad 85.2\% \qquad 54.4 \qquad 54.4 \qquad 0.0 \qquad 0.0\% \qquad 85.2\% \qquad 46.9 \qquad 46.9 \qquad -0.0 \qquad 0.0\% \qquad 86.4\% \qquad 46.9 \qquad -0.0 \qquad -0.0\% \qquad 87.7\% \qquad 47.9 \qquad 0.0 \qquad 0.0\% \qquad 87.7\% \qquad 50.2 \qquad 50.2 \qquad 0.0 \qquad 0.0\% \qquad 87.7\% \qquad 54.3 \qquad 54.3 \qquad 0.0 \qquad 0.0\% \qquad 87.7\% \qquad 46.9 \qquad 46.9 \qquad -0.2 \qquad -0.4\% \qquad 87.7\% \qquad 47.9 \qquad 47.9 \qquad 0.0 \qquad 0.0\% \qquad 88.7\% \qquad 50.2 \qquad 50.2 \qquad 0.0 \qquad 0.0\% \qquad 87.7\% \qquad 54.3 \qquad 54.3 \qquad 0.0 \qquad 0.0\% \qquad 90.1\% \qquad 46.5 \qquad 46.5 \qquad -0.0 \qquad 0.0\% \qquad 89.1\% \qquad 47.9 \qquad 47.9 \qquad 0.0 \qquad 0.0\% \qquad 89.9\% \qquad 50.0 \qquad 50.0 \qquad 0.0 \qquad 0.0\% \qquad 88.9\% \qquad 54.3 \qquad 54.3 \qquad 0.0 \qquad 0.0\% \qquad 90.1\% \qquad 46.5 \qquad 46.5 \qquad 0.0 \qquad 0.0\% \qquad 90.1\% \qquad 47.9 \qquad 47.9 \qquad 0.0 \qquad 0.0\% \qquad 90.1\% \qquad 50.0 \qquad 50.0 \qquad 0.0 \qquad 0.0\% \qquad 90.1\% \qquad 54.2 \qquad 54.2 \qquad 0.0 \qquad 0.0\% \qquad 92.6\% \qquad 46.3 \qquad 46.3 \qquad 0.0 \qquad 0.0\% \qquad 91.4\% \qquad 49.9 \qquad 49.9 \qquad 0.0 \qquad 0.0\% \qquad 92.6\% \qquad 46.3 \qquad 46.3 \qquad 46.3 \qquad 46.3 \qquad 46.3 \qquad 46.3 \qquad 0.0 \qquad 0.0\% \qquad 93.8\% \qquad 47.8 \qquad 47.8 \qquad 0.0 \qquad 0.0\% \qquad 92.6\% \qquad 49.8 \qquad 49.8 \qquad 0.0 \qquad 0.0\% \qquad 92.6\% \qquad 54.1 \qquad 54.1 \qquad 0.0 \qquad 0.0\% \qquad 95.1\% \qquad 46.3 \qquad 46.3 \qquad 0.0 \qquad 0.0\% \qquad 93.8\% \qquad 47.7 \qquad 47.7 \qquad 0.0 \qquad 0.0\% \qquad 92.6\% \qquad 49.8 \qquad 49.8 \qquad 0.0 \qquad 0.0\% \qquad 93.8\% \qquad 54.0 \qquad 54.0 \qquad 0.0 \qquad 0.0\% \qquad 95.1\% \qquad 46.3 \qquad 46.3 \qquad 0.0 \qquad 0.0\% \qquad 95.1\% \qquad 47.6 \qquad 0.0 \qquad 0.0\% \qquad 95.5\% \qquad 49.6 \qquad 49.8 \qquad 0.0 \qquad 0.0\% \qquad 95.5\% \qquad 54.0 \qquad 54.0 \qquad 0.0 \qquad 0.0\% \qquad 97.5\% \qquad 46.1 \qquad 46.1 \qquad 0.0 \qquad 0.0\% \qquad 97.5\% \qquad 49.6 \qquad 49.6 \qquad 0.0 \qquad 0.0\% \qquad 97.5\% \qquad 54.0 \qquad 54.0 \qquad 0.0 \qquad 0.0\% \qquad 97.5\% \qquad 46.1 \qquad 46.1 \qquad 0.0 \qquad 0.0\% \qquad 97.5\% \qquad 49.6 \qquad 49.6 \qquad 49.6 \qquad 0.0 \qquad 0.0\% \qquad 97.5\% \qquad 54.0 \qquad 54.0 \qquad 0.0 \qquad 0.0\% \qquad 97.5\% \qquad 46.1 \qquad 46.1 \qquad 0.0 \qquad 0.0\% \qquad 97.5\% \qquad 49.6 \qquad 49.6 \qquad 49.6 \qquad 0.0 \qquad 0.0\% \qquad 97.5\% \qquad 54.0 \qquad 54.0 \qquad 0.0 \qquad 0.0\% \qquad 97.5\% \qquad 49.6 \qquad 49.6 \qquad 49.6 \qquad 0.0 \qquad 0.0\% \qquad 97.5\% \qquad 54.0 \qquad 54.0 \qquad 0.0 \qquad 0.0\% \qquad 97.5\% \qquad 49.6 \qquad 49.6 \qquad 49.6 \qquad 0.0 \qquad 0$																				
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$\begin{array}{cccccccccccccccccccccccccccccccccccc$	85.2%	47.0				85.2%		48.1	0.0		85.2%					85.2%	54.4	54.4		
88.9% 46.6 46.6 0.0 0.0% 88.9% 47.9 47.9 0.0 0.0% 88.9% 50.0 50.0 0.0 0.0 0.0% 88.9% 54.3 54.3 0.0 0.0% 90.1% 46.5 46.5 46.5 0.0 0.0% 90.1% 47.9 47.9 0.0 0.0% 90.1% 50.0 50.0 0.0 0.0 0.0% 90.1% 54.2 54.2 0.0 0.0% 91.4% 46.4 46.4 0.0 0.0% 91.4% 47.8 47.8 0.0 0.0% 91.4% 49.9 49.9 0.0 0.0% 91.4% 54.2 54.2 0.0 0.0% 92.6% 46.3 46.3 46.3 46.3 46.3 0.0 0.0% 92.6% 47.8 47.8 0.0 0.0% 92.6% 49.8 49.8 0.0 0.0% 92.6% 54.1 54.1 0.0 0.0% 93.8% 46.3 46.3 0.0 0.0% 95.5% 48.8 49.8 0.0 0.0% 93.8% 54.0 54.0 0.0 0.0% 95.5% 46.3 46.3 0.0 0.0% 95.5% 47.7 47.7 0.0 0.0% 95.5% 48.8 49.8 0.0 0.0% 95.5% 54.0 54.0 0.0 0.0% 95.5% 46.2 46.2 0.0 0.0% 95.5% 47.6 47.6 0.0 0.0% 95.5% 48.8 49.8 0.0 0.0% 95.5% 54.0 54.0 0.0 0.0% 97.5% 46.1 46.1 0.0 0.0% 97.5% 47.6 47.6 0.0 0.0% 97.5% 48.6 49.6 0.0 0.0% 97.5% 54.0 54.0 0.0 0.0% 98.8% 46.1 46.1 0.0 0.0% 98.8% 47.3 47.3 0.0 0.0% 98.8% 48.6 49.6 0.0 0.0% 98.8% 53.6 53.6 0.0 0.0%	86.4%			0.0	0.0%	86.4%				0.0%	86.4%				0.0%	86.4%				0.0%
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$95.1\% \hspace{0.2cm} 46.3 \hspace{0.2cm} 46.3 \hspace{0.2cm} 46.3 \hspace{0.2cm} 40.0 \hspace{0.2cm} 0.0\% \hspace{0.2cm} 95.1\% \hspace{0.2cm} 47.7 \hspace{0.2cm} 0.0 \hspace{0.2cm} 0.0\% \hspace{0.2cm} 95.1\% \hspace{0.2cm} 49.8 \hspace{0.2cm} 49.8 \hspace{0.2cm} 0.0 \hspace{0.2cm} 0.0\% \hspace{0.2cm} 95.1\% \hspace{0.2cm} 54.0 \hspace{0.2cm} 54.0 \hspace{0.2cm} 0.0 \hspace{0.2cm} 0.0\% \hspace{0.2cm} 95.1\% \hspace{0.2cm} 49.8 \hspace{0.2cm} 49.7 0.2cm$																				
96.3% 46.2 46.2 0.0 0.0% 96.3% 47.6 47.6 0.0 0.0% 96.3% 49.7 49.7 0.0 0.0% 96.3% 54.0 54.0 0.0 0.0% 97.5% 46.1 46.1 0.0 0.0% 97.5% 47.6 47.6 0.0 0.0% 97.5% 49.6 49.6 0.0 0.0% 97.5% 54.0 54.0 0.0 0.0% 98.8% 46.1 46.1 0.0 0.0% 98.8% 47.3 47.3 0.0 0.0% 98.8% 49.6 49.6 0.0 0.0% 98.8% 53.6 53.6 0.0 0.0%																				
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98.8% 46.1 46.1 0.0 0.0% 98.8% 47.3 47.3 0.0 0.0% 98.8% 49.6 49.6 0.0 0.0% 98.8% 53.6 53.6 0.0 0.0%	90.3%			0.0		90.3%				0.0%										0.0%
100.0% 46.1 46.1 0.0 0.0% 100.0% 47.3 47.3 0.0 0.0% 100.0% 49.6 49.6 0.0 0.0% 100.0% 53.6 53.6 0.0 0.0%							47.3	47.3			98.8%		49.6				53.6		0.0	
	100.0%	46.1	46.1	0.0	0.0%	100.0%	47.3	47.3	0.0	0.0%	100.0%	49.6	49.6	0.0	0.0%	100.0%	53.6	53.6	0.0	0.0%

Table SQ-15-9b
Feather River below Fish Barrier Dam, Monthly Temperature
Probability of Exceedance

		June					E-E-		Probability	of Exceedance		A					September		
Percent					Percent		July			Percent		August			Percent				
Exceedance	No Action Alternative		Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative
Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)
0.0%	59.0	59.2	0.2	0.3%	0.0%	64.7	62.2	-2.5	-3.9%	0.0%	63.6	64.4	0.8	1.3%	0.0%	60.0	62.4	2.4	4.0%
1.2%	58.7	59.0	0.3	0.5%	1.2%	63.1	62.1	-1.0	-1.6%	1.2%	63.1	62.9	-0.2	-0.3%	1.2%	58.7	61.8	3.1	5.3%
2.5% 3.7%	58.5 58.5	58.7 58.6	0.2 0.1	0.3% 0.2%	2.5% 3.7%	62.8 62.4	62.0 61.9	-0.8 -0.5	-1.3% -0.8%	2.5% 3.7%	62.9 62.9	62.9 62.6	0.0 -0.3	0.0%	2.5% 3.7%	58.1 57.9	59.5 58.7	1.4 0.8	2.4% 1.4%
4.9%	58.4	58.5	0.1	0.2%	4.9%	62.3	61.9	-0.4	-0.6%	4.9%	62.9	62.2	-0.7	-1.1%	4.9%	57.7	57.8	0.1	0.2%
6.2%	58.3	58.4	0.1	0.2%	6.2%	62.1	61.7	-0.4	-0.6%	6.2%	62.7	61.8	-0.9	-1.4%	6.2%	57.7	57.5	-0.2	-0.3%
7.4% 8.6%	58.3 58.2	58.4 58.4	0.1	0.2% 0.3%	7.4% 8.6%	61.9 61.9	61.5 61.3	-0.4 -0.6	-0.6% -1.0%	7.4% 8.6%	62.6 62.4	61.7 61.6	-0.9 -0.8	-1.4% -1.3%	7.4% 8.6%	57.7 56.8	57.3 56.6	-0.4 -0.2	-0.7% -0.4%
9.9%	58.2	58.3	0.2	0.3%	9.9%	61.6	61.3	-0.6	-0.5%	9.9%	62.3	61.5	-0.8	-1.3%	9.9%	56.8	56.6	-0.2	-0.4%
11.1%	58.2	58.3	0.1	0.2%	11.1%	61.5	61.3	-0.2	-0.3%	11.1%	62.2	61.5	-0.7	-1.1%	11.1%	56.7	56.4	-0.3	-0.5%
12.3%	58.1	58.3	0.2	0.3%	12.3%	61.5	61.3	-0.2	-0.3%	12.3%	62.2	61.2	-1.0	-1.6%	12.3%	56.7	56.2	-0.5	-0.9%
13.6% 14.8%	58.1 58.1	58.2 58.2	0.1	0.2%	13.6% 14.8%	61.4 61.3	61.3 61.2	-0.1 -0.1	-0.2% -0.2%	13.6% 14.8%	62.0 61.9	61.0 61.0	-1.0 -0.9	-1.6% -1.5%	13.6% 14.8%	56.6 56.6	56.2 56.2	-0.4 -0.4	-0.7% -0.7%
16.0%	58.1	58.2	0.1	0.2%	16.0%	61.3	61.2	-0.1	-0.2%	16.0%	61.7	61.0	-0.7	-1.1%	16.0%	56.5	56.2	-0.3	-0.5%
17.3%	58.1	58.2	0.1	0.2%	17.3%	61.3	61.2	-0.1	-0.2%	17.3%	61.6	61.0	-0.6	-1.0%	17.3%	56.4	56.0	-0.4	-0.7%
18.5% 19.8%	58.1 58.1	58.2 58.1	0.1 0.0	0.2%	18.5% 19.8%	61.2 61.2	61.2 61.1	0.0 -0.1	-0.2%	18.5% 19.8%	61.6 61.5	60.9 60.9	-0.7 -0.6	-1.1% -1.0%	18.5% 19.8%	56.4 56.2	55.9 55.9	-0.5 -0.3	-0.9% -0.5%
21.0%	58.1	58.1	0.0	0.0%	21.0%	61.1	61.1	0.0	0.0%	21.0%	61.5	60.9	-0.6	-1.0%	21.0%	56.2	55.9	-0.3	-0.5%
22.2%	58.1	58.1	0.0	0.0%	22.2%	61.1	61.1	0.0	0.0%	22.2%	61.5	60.8	-0.7	-1.1%	22.2%	56.1	55.8	-0.3	-0.5%
23.5% 24.7%	58.1 58.1	58.1 58.0	0.0 -0.1	0.0%	23.5% 24.7%	61.1 61.0	61.1 61.1	0.0	0.0%	23.5% 24.7%	61.4	60.8	-0.6 -0.6	-1.0% -1.0%	23.5% 24.7%	56.0 55.9	55.8 55.7	-0.2	-0.4%
25.9%	58.0	58.0	0.0	0.0%	25.9%	61.0	61.1	0.1	0.2%	25.9%	61.3 60.6	60.7	0.1	0.2%	25.9%	55.8	55.7	-0.2 -0.1	-0.4%
27.2%	58.0	58.0	0.0	0.0%	27.2%	61.0	61.1	0.1	0.2%	27.2%	60.6	60.7	0.1	0.2%	27.2%	55.8	55.7	-0.1	-0.2%
28.4%	58.0	58.0	0.0	0.0%	28.4%	61.0	61.1	0.1	0.2%	28.4%	60.6	60.7	0.1	0.2%	28.4%	55.7	55.6	-0.1	-0.2%
29.6% 30.9%	58.0 57.9	58.0 58.0	0.0 0.1	0.0% 0.2%	29.6% 30.9%	61.0 61.0	61.1 61.1	0.1	0.2% 0.2%	29.6% 30.9%	60.5 60.5	60.7 60.7	0.2 0.2	0.3%	29.6% 30.9%	55.7 55.7	55.6 55.5	-0.1 -0.2	-0.2% -0.4%
32.1%	57.9	57.9	0.0	0.2%	32.1%	61.0	61.0	0.0	0.0%	32.1%	60.3	60.5	0.2	0.3%	32.1%	55.6	55.5	-0.1	-0.2%
33.3%	57.9	57.9	0.0	0.0%	33.3%	61.0	61.0	0.0	0.0%	33.3%	60.3	60.5	0.2	0.3%	33.3%	55.6	55.5	-0.1	-0.2%
34.6%	57.8	57.9	0.1	0.2%	34.6%	61.0	61.0	0.0	0.0%	34.6%	60.3	60.4	0.1	0.2%	34.6%	55.5	55.5	0.0	0.0%
35.8% 37.0%	57.8 57.8	57.9 57.9	0.1 0.1	0.2% 0.2%	35.8% 37.0%	61.0 60.9	61.0 61.0	0.0 0.1	0.0% 0.2%	35.8% 37.0%	60.3 60.3	60.4 60.3	0.1	0.2%	35.8% 37.0%	55.5 55.5	55.5 55.5	0.0	0.0%
38.3%	57.8	57.8	0.0	0.0%	38.3%	60.9	61.0	0.1	0.2%	38.3%	60.3	60.2	-0.1	-0.2%	38.3%	55.5	55.4	-0.1	-0.2%
39.5%	57.7	57.7	0.0	0.0%	39.5%	60.9	61.0	0.1	0.2%	39.5%	60.2	60.1	-0.1	-0.2%	39.5%	55.4	55.4	0.0	0.0%
40.7%	57.7 57.7	57.7 57.7	0.0	0.0%	40.7%	60.9 60.9	61.0	0.1	0.2%	40.7%	60.2 60.2	60.1 60.1	-0.1 -0.1	-0.2%	40.7% 42.0%	55.4 55.4	55.4 55.4	0.0	0.0%
42.0% 43.2%	57.7 57.7	57.7 57.7	0.0	0.0% 0.0%	42.0% 43.2%	60.9	60.9	0.0	0.0%	42.0% 43.2%	60.2	60.1	-0.1	-0.2% 0.0%	42.0%	55.4 55.4	55.4 55.4	0.0	0.0%
44.4%	57.6	57.7	0.1	0.2%	44.4%	60.9	60.9	0.0	0.0%	44.4%	60.1	60.0	-0.1	-0.2%	44.4%	55.3	55.3	0.0	0.0%
45.7%	57.6	57.7	0.1	0.2%	45.7%	60.9	60.9	0.0	0.0%	45.7%	60.1	60.0	-0.1	-0.2%	45.7%	55.2	55.3	0.1	0.2%
46.9% 48.1%	57.6 57.6	57.7 57.6	0.1	0.2%	46.9% 48.1%	60.9 60.9	60.9 60.9	0.0	0.0%	46.9% 48.1%	60.1	60.0 60.0	-0.1 -0.1	-0.2%	46.9% 48.1%	55.2 55.2	55.2 55.2	0.0	0.0%
49.4%	57.6	57.6	0.0	0.0%	49.4%	60.9	60.9	0.0	0.0%	49.4%	60.1 60.1	60.0	-0.1	-0.2% -0.2%	49.4%	55.1	55.2	0.0	0.0%
50.6%	57.6	57.6	0.0	0.0%	50.6%	60.9	60.9	0.0	0.0%	50.6%	60.0	60.0	0.0	0.0%	50.6%	55.1	55.0	-0.1	-0.2%
51.9%	57.6	57.6	0.0	0.0%	51.9%	60.9	60.9	0.0	0.0%	51.9%	60.0	60.0	0.0	0.0%	51.9%	55.0	54.9	-0.1	-0.2%
53.1% 54.3%	57.5 57.5	57.6 57.6	0.1 0.1	0.2% 0.2%	53.1% 54.3%	60.9 60.8	60.9 60.9	0.0 0.1	0.0%	53.1% 54.3%	60.0 60.0	59.9 59.9	-0.1 -0.1	-0.2% -0.2%	53.1% 54.3%	55.0 55.0	54.9 54.8	-0.1 -0.2	-0.2% -0.4%
55.6%	57.5	57.6	0.1	0.2%	55.6%	60.8	60.9	0.1	0.2%	55.6%	60.0	59.9	-0.1	-0.2%	55.6%	55.0	54.8	-0.2	-0.4%
56.8%	57.5	57.5	0.0	0.0%	56.8%	60.8	60.8	0.0	0.0%	56.8%	60.0	59.9	-0.1	-0.2%	56.8%	54.9	54.8	-0.1	-0.2%
58.0%	57.5	57.5	0.0	0.0%	58.0%	60.8	60.8	0.0	0.0%	58.0%	59.9	59.9	0.0	0.0%	58.0%	54.8	54.7	-0.1	-0.2%
59.3% 60.5%	57.5 57.5	57.5 57.5	0.0	0.0%	59.3% 60.5%	60.8 60.8	60.8 60.8	0.0	0.0%	59.3% 60.5%	59.9 59.9	59.9 59.9	0.0	0.0%	59.3% 60.5%	54.8 54.8	54.6 54.6	-0.2 -0.2	-0.4% -0.4%
61.7%	57.5	57.4	-0.1	-0.2%	61.7%	60.8	60.8	0.0	0.0%	61.7%	59.9	59.9	0.0	0.0%	61.7%	54.8	54.6	-0.2	-0.4%
63.0%	57.4	57.4	0.0	0.0%	63.0%	60.7	60.8	0.1	0.2%	63.0%	59.9	59.9	0.0	0.0%	63.0%	54.7	54.6	-0.1	-0.2%
64.2%	57.4 57.4	57.4 57.4	0.0	0.0%	64.2%	60.7	60.8	0.1	0.2%	64.2%	59.9	59.8	-0.1	-0.2%	64.2%	54.7 54.7	54.6 54.5	-0.1	-0.2%
65.4% 66.7%	57.4 57.4	57.4 57.4	0.0	0.0%	65.4% 66.7%	60.7 60.7	60.8	0.1	0.2% 0.2%	65.4% 66.7%	59.9 59.8	59.8 59.8	-0.1 0.0	-0.2% 0.0%	65.4% 66.7%	54.7 54.6	54.5 54.5	-0.2 -0.1	-0.4% -0.2%
67.9%	57.4	57.4	0.0	0.0%	67.9%	60.7	60.7	0.0	0.0%	67.9%	59.8	59.8	0.0	0.0%	67.9%	54.6	54.5	-0.1	-0.2%
69.1%	57.4	57.3	-0.1	-0.2%	69.1%	60.7	60.7	0.0	0.0%	69.1%	59.8	59.8	0.0	0.0%	69.1%	54.6	54.5	-0.1	-0.2%
70.4% 71.6%	57.4 57.4	57.3 57.3	-0.1 -0.1	-0.2%	70.4% 71.6%	60.7 60.7	60.7	0.0	0.0%	70.4% 71.6%	59.8 59.8	59.8 59.8	0.0	0.0%	70.4% 71.6%	54.6 54.5	54.5 54.5	-0.1 0.0	-0.2% 0.0%
71.6% 72.8%	57.4 57.3	57.3 57.3	-0.1	-0.2% 0.0%	71.6% 72.8%	60.7 60.7	60.7	0.0	0.0%	71.6% 72.8%	59.8 59.7	59.8 59.8	0.0	0.0%	71.6% 72.8%	54.5 54.5	54.5 54.4	-0.1	-0.2%
74.1%	57.3	57.3	0.0	0.0%	74.1%	60.7	60.7	0.0	0.0%	74.1%	59.7	59.7	0.0	0.0%	74.1%	54.5	54.4	-0.1	-0.2%
75.3%	57.2	57.3	0.1	0.2%	75.3%	60.7	60.7	0.0	0.0%	75.3%	59.7	59.7	0.0	0.0%	75.3%	54.5	54.4	-0.1	-0.2%
76.5% 77.8%	57.2 57.1	57.2 57.2	0.0	0.0%	76.5% 77.8%	60.7 60.7	60.7 60.6	0.0 -0.1	0.0%	76.5% 77.8%	59.7 59.7	59.7 59.7	0.0	0.0%	76.5% 77.8%	54.5 54.4	54.4 54.4	-0.1 0.0	-0.2% 0.0%
77.8%	57.1 57.1	57.2 57.2	0.1	0.2%	77.8%	60.6	60.6	-0.1	-0.2%	77.8%	59.7 59.7	59.7 59.7	0.0	0.0%	77.8%	54.4 54.4	54.4 54.4	0.0	0.0%
80.2%	57.1	57.1	0.0	0.0%	80.2%	60.6	60.6	0.0	0.0%	80.2%	59.6	59.7	0.1	0.2%	80.2%	54.4	54.4	0.0	0.0%
81.5%	57.1	57.1	0.0	0.0%	81.5%	60.6	60.6	0.0	0.0%	81.5%	59.6	59.7	0.1	0.2%	81.5%	54.4	54.4	0.0	0.0%
82.7% 84.0%	57.1 57.1	57.1 57.1	0.0	0.0%	82.7% 84.0%	60.6 60.6	60.6 60.6	0.0	0.0%	82.7% 84.0%	59.6 59.6	59.7 59.7	0.1	0.2% 0.2%	82.7% 84.0%	54.3 54.3	54.4 54.3	0.1	0.2%
85.2%	57.1	57.1	0.0	0.0%	85.2%	60.6	60.6	0.0	0.0%	85.2%	59.6	59.7	0.0	0.2%	85.2%	54.3 54.2	54.3	0.0	0.0%
86.4%	57.0	57.0	0.0	0.0%	86.4%	60.6	60.6	0.0	0.0%	86.4%	59.6	59.6	0.0	0.0%	86.4%	54.2	54.3	0.1	0.2%
87.7%	57.0	57.0	0.0	0.0%	87.7%	60.6	60.6	0.0	0.0%	87.7%	59.6	59.6	0.0	0.0%	87.7%	54.2	54.2	0.0	0.0%
88.9% 90.1%	56.9 56.9	56.9 56.9	0.0	0.0% 0.0%	88.9% 90.1%	60.6 60.5	60.5 60.5	-0.1 0.0	-0.2% 0.0%	88.9% 90.1%	59.5 59.5	59.6 59.6	0.1 0.1	0.2%	88.9% 90.1%	54.2 54.2	54.2 54.2	0.0	0.0%
90.1%	56.9	56.9	0.0	0.0%	90.1%	60.5	60.5	0.0	0.0%	90.1%	59.5	59.6	0.1	0.2%	90.1%	54.2 54.2	54.2	-0.1	-0.2%
92.6%	56.7	56.7	0.0	0.0%	92.6%	60.5	60.5	0.0	0.0%	92.6%	59.5	59.5	0.0	0.0%	92.6%	54.2	54.1	-0.1	-0.2%
93.8%	56.7	56.7	0.0	0.0%	93.8%	60.5	60.5	0.0	0.0%	93.8%	59.5	59.5	0.0	0.0%	93.8%	54.1	54.1	0.0	0.0%
95.1% 96.3%	56.5 56.3	56.5 56.3	0.0	0.0%	95.1% 96.3%	60.5 60.5	60.5 60.5	0.0	0.0%	95.1% 96.3%	59.5 59.5	59.5 59.5	0.0	0.0%	95.1% 96.3%	54.1 54.1	54.1 54.1	0.0	0.0%
97.5%	56.3	56.3	0.0	0.0%	97.5%	60.5	60.3	-0.2	-0.3%	97.5%	59.5	59.5	0.0	0.0%	97.5%	54.1	54.0	-0.1	-0.2%
98.8%	56.1	56.1	0.0	0.0%	98.8%	60.4	58.5	-1.9	-3.1%	98.8%	59.5	59.5	0.0	0.0%	98.8%	53.9	53.9	0.0	0.0%
100.0%	56.1	56.1	0.0	0.0%	100.0%	60.4	58.5	-1.9	-3.1%	100.0%	59.5	59.5	0.0	0.0%	100.0%	53.9	53.9	0.0	0.0%

Table SQ-16-9a Feather River below Thermalito Afterbay, Monthly Temperature Long-term Average and Average by Water Vear Type

					Mon	thly Temp	erature (D	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	58.8	53.0	47.1	46.5	49.7	53.0	56.5	62.2	67.0	68.7	68.7	62.8
Alternative D	58.9	53.0	47.0	46.5	49.7	53.0	56.6	62.1	67.2	68.7	68.7	62.9
Difference	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	0.2	0.0	0.0	0.1
Percent Difference ³	0.1%	0.0%	-0.3%	0.1%	0.0%	0.0%	0.1%	-0.1%	0.2%	0.0%	0.0%	0.19
				Water Y	ear Types	t .						
Wet (32%)												
No Action Alternative	58.4	53.1	47.3	47.1	49.0	51.2	55.0	60.5	65.5	69.4	69.5	60.8
Alternative D	58.5	53.1	47.2	47.2	48.9	51.3	55.0	60.5	65.6	69.4	69.9	60.0
Difference	0.1	0.0	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	-0.2
Percent Difference	0.1%	0.0%	-0.2%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.5%	-0.4
Above Normal (15%)												
lo Action Alternative	58.4	51.9	46.7	46.6	49.4	52.6	57.1	62.7	67.3	67.6	67.3	61.
Alternative D	58.5	51.9	46.5	46.6	49.5	52.6	57.1	62.7	67.5	67.6	67.6	61.
Difference	0.0	0.0	-0.2	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.3	-0.2
Percent Difference	0.1%	0.0%	-0.4%	0.1%	0.1%	0.1%	0.0%	0.0%	0.3%	0.0%	0.4%	-0.3
Below Normal (17%)												
No Action Alternative	59.4	53.1	46.5	46.2	49.6	53.7	57.4	62.6	67.4	68.0	68.0	65.2
Alternative D	59.4	53.1	46.4	46.1	49.6	53.7	57.4	62.6	67.7	68.0	68.4	65.3
Difference	0.1	0.0	0.0	-0.1	0.0	0.0	0.0	-0.1	0.3	0.1	0.4	0.1
Percent Difference	0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	-0.1%	0.4%	0.1%	0.6%	0.29
Ory (22%)												
No Action Alternative	59.1	53.2	47.5	45.7	50.1	54.5	57.3	62.9	68.1	67.9	67.5	63.
Alternative D	59.3	53.2	47.4	45.7	50.1	54.3	57.5	62.7	68.3	68.2	67.4	64.3
Difference	0.2	0.1	-0.1	0.0	0.0	-0.1	0.1	-0.1	0.2	0.3	-0.1	0.6
Percent Difference	0.4%	0.1%	-0.2%	0.1%	0.1%	-0.3%	0.2%	-0.2%	0.3%	0.4%	-0.2%	0.99
Critical (15%)												
No Action Alternative	59.2	53.8	47.4	46.2	50.8	53.9	57.0	63.3	67.7	70.2	70.6	64.
Alternative D	59.0	53.6	47.0	46.3	50.7	54.0	57.0	63.0	67.9	69.9	69.4	64.
Difference	-0.2	-0.2	-0.4	0.1	-0.1	0.1	0.0	-0.2	0.2	-0.3	-1.2	0.2
Percent Difference	-0.3%	-0.3%	-0.8%	0.2%	-0.1%	0.1%	0.0%	-0.4%	0.3%	-0.4%	-1.7%	0.39



Figure SQ-16-9b Feather River below Thermalito Afterbay, Monthly Temperature Probability of Exceedance

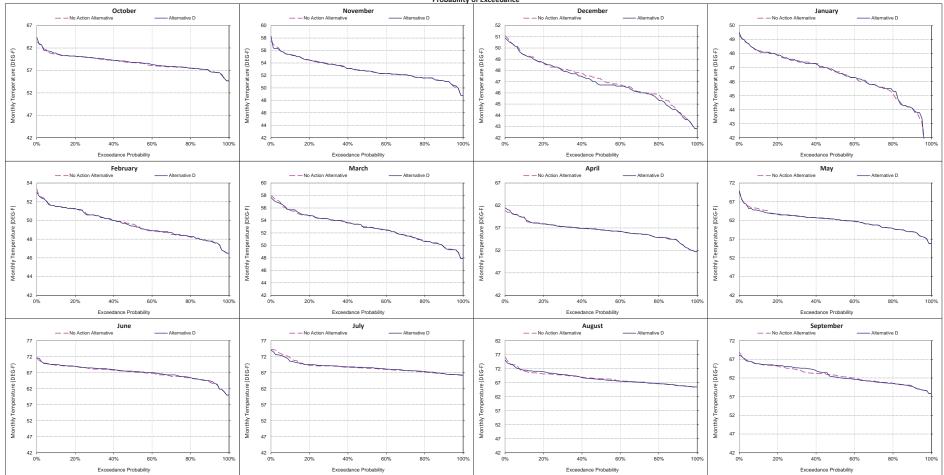


Table SQ-16-9b Feather River below Thermalito Afterbay, Monthly Temperature Probability of Exceedance

Octobe Novembe January Percent Percent Percent Percent No Action Alternative Alternative D Absolute Relative Relative Relative Relative Exceedance Exceedance Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG-F) (DEG₂E) (DEG-F) (DEG-F) (%) (DEG-F) ____(%) (DEG-F) (%) 0.0% 0.0% 63.4 64.4 1.6% 0.0% 57.5 0.8 1.4% 0.0% 51.1 50.9 -0.4% 49.3 49.5 0.4% 1.2% 63.0 62.8 -0.2 -0.3% 1.2% 57.0 56.4 -0.6 -1.1% 1.2% 50.9 50.7 -0.2 -0.4% 1.2% 49.1 49.1 0.0 0.0% 2.5% 62.7 62.7 0.0% 2.5% 56.6 56.3 -0.5% 2.5% 50.6 50.5 -0.1 -0.2% 2.5% 48.9 49.0 0.2% 3.7% 3.7% 61.8 61.5 -0.3 -0.5% 3.7% 56.5 56.3 -0.2 -0.4% 3.7% 50.4 50.4 0.0 0.0% 48.8 48.8 0.0 0.0% 4.9% 61.6 61.4 -0.2 -0.3% 4.9% 56.0 55.9 -0.2% 4.9% 50.2 50.2 0.0% 4.9% 48.7 48.7 0.0 0.0% 6.2% 6.2% 6.2% 6.2% 61.0 61.3 0.3 0.5% 55.8 55.8 0.0 0.0% 50.2 50.1 -0.1 -0.2% 48.5 48.5 0.0 0.0% 7.4% 0.4 0.7% 7.4% 0.0% 7.4% 49.9 -0.2 -0.4% 7.4% 48.4 48.4 0.0 0.0% 8.6% 8.6% 8.6% 8.6% 60.7 60.9 0.2 0.3% 55.4 55.4 0.0 0.0% 49.5 49.5 0.0% 48.2 483 0.2% 9.9% 11.1% 12.3% 0.5% 0.0% 0.0% 11.1% 12.3% 60.6 60.6 0.0 0.0% 11.1% 55.3 55.2 -0.1 -0.2% 11.1% 49.3 49.3 0.0 0.0% 48.2 48.1 -0.1 -0.2% 13.6% 13.6% 13.6% -0.2% 13.6% 0.0% 60.3 60.3 0.0 0.0% 55.1 55.0 -0.1 49.2 492 0.0 0.0% 48 1 48 1 0.0 -0.4% 16.0% 16.0% 16.0% 16.0% 60.3 60.3 0.0 0.0% 54.8 54.8 0.0 0.0% 48.9 48.9 0.0 0.0% 48.1 48.0 -0.1 -0.2% 18.5% 0.0% 18.5% 54.5 -0.2% 18.5% 0.2% 18.5% 0.0% 60.2 60.2 0.0 54.6 -0.1 48.7 48.8 0.1 48.0 48.0 0.0 19.8% 21.0% 60.2 60.1 0.0 54.5 54.4 19.8% 0.0 0.0% 19.8% 21.0% 47.9 0.0 21.0% 47.8 60.1 0.0% 54.4 0.0 0.0% 48.5 48.6 47.9 0.2% 22.2% 23.5% 0.0% 22.2% 23.5% -0.2% 22.2% 23.5% 22.2% 23.5% 47.8 0.1 54.2 47.7 0.1 47.7 60.0 60.1 0.2% 54.3 -0.1 -0.2% 48.3 48.5 0.2 0.4% 0.0% 24.7% 25.9% 0.0% 24.7% 25.9% 24.7% 25.9% 0.2% 24.7% 25.9% 54.2 54.1 54.1 48.3 48.4 47 E 47.7 0.1 0.2% 60.0 -0.1 54.1 0.0 48.3 0.0 47.6 47.6 0.0% 59.9 0.0% 48.3 27.2% 28.4% 0.0% 27.2% 28.4% 59.9 27.2% 54.0 -0.2% 27.2% 48.2 48 3 0.2% 47.5 47.6 0.1 59.8 0.1 28.4% 54.0 53.9 -0.1 -0.2% 28.4% 0.0 0.0% 47.5 47.6 0.2% 48.2 48.2 29.6% 30.9% 0.0% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 53.8 53.8 -0.2% 0.0% -0.1 -0.2 -0.2% -0.4% 47.5 0.0 -0.1 0.0% 59.7 53.8 47.9 47.4 47.5 32.1% 59.6 0.1 0.2% 32.1% 53.8 53.8 0.0% 32.1% 48.1 47.9 -0.2 -0.4% 32.1% 47.4 47.4 0.0 0.0% 33.3% 0.1 0.2% 33.3% 53.7 0.0 0.0% 33.3% 48.0 47.8 -0.2 -0.4% 33.3% 47.4 0.0 0.0% 34.6% 59.4 0.2 0.3% 34.6% 53.7 53.6 -0.2% 34.6% 48.0 47.7 -0.3 -0.6% 34.6% 47.4 47.3 -0.1 -0.2% 35.8% 0.2% 35.8% 0.0% 35.8% -0.2 -0.4% 35.8% -0.1 59.4 53.6 47.9 47.3 -0.2% 37.0% 59.3 59.4 0.1 0.2% 37.0% 53.6 53.4 -0.2-0.4% 37.0% 47.8 47.7 -0.1-0.2%37.0% 47.3 47.3 0.0 0.0% 38.3% 59.3 0.2% 38.3% 53.4 38.3% 47.8 47.5 -0.3 -0.6% 38.3% 47.3 47.3 0.0% 39.5% 59.2 59.3 0.1 0.2% 39.5% 53.1 53.1 0.0 0.0% 39.5% 47.7 47.5 -0.2 -0.4% 39.5% 47.3 47.3 0.0 0.0% 40.7% 59.2 59.2 0.0% 40.7% 53.1 53.1 0.0% 40.7% 47.7 47.4 -0.3 -0.6% 40.7% 47.3 47.2 -0.1 -0.2% 42.0% 59.2 59.2 0.0 0.0% 42.0% 53.1 53.1 0.0% 42.0% 47.5 47.3 -0.2-0.4% 42.0% 47.0 47.1 0.1 0.2% 43.2% 59.0 59.1 0.1 0.2% 43.2% 53.1 52.9 -0.2 -0.4% 43.2% 47.5 47.3 -0.2 -0.4% 43.2% 47.0 47.1 0.1 0.2% 44.4% 0.1 0.2% 44.4% 52.9 52.9 0.0% 44.4% 47.5 47.2 -0.3 -0.6% 44.4% 47.0 47.0 0.0 0.0% 45.7% 45.7% 45.7% 58.9 59.1 0.2 0.3% 52.9 52.8 -0.1 -0.2% 47.4 47.0 -0.4 -0.8% 45.7% 47.0 47.0 0.0 0.0% 46.9% 58.8 59.0 0.3% 46.9% 52.8 52.8 0.0% 46.9% 47.4 47.0 -0.4-0.8% 46.9% 46.9 46.9 0.0 0.0% 48.1% 49.4% 58.8 58.9 0.1 0.2% 48.1% 52.8 52.8 0.0 0.0% 48.1% 47.3 46.8 -0.5 -1.1% 48.1% 46.8 46.9 0.1 0.2% 0.0% 49.4% 52.7 0.0% 49.4% 47.3 -0.6-1.3% 49.4% 46.7 46.8 0.1 0.2% 50.6% 50.6% 50.6% 50.6% 58.7 58.8 0.1 0.2% 52.7 52.7 0.0 0.0% 47.1 46.7 -0.4 -0.8% 46.7 46.7 0.0 0.0% 51.9% 0.2% 51.9% 0.0% 47.0 -0.3 -0.2 -0.6% 51.9% 53.1% 46.6 -0.1 -0.1 -0.2% 53.1% 53.1% 53.1% 58.6 0.2 58.8 52.5 526 0.1 0.2% 46.9 46.7 -0.4% 46.7 46.6 -0.2% 55.6% 56.8% 55.6% 55.6% 55.6% 58.6 58.6 0.0 0.0% 52.4 52.4 0.0 0.0% 46.8 46.7 -0.1 -0.2% 46.5 46.4 -0.1 -0.2% 58.0% 58.0% 58.0% 58.2 58.6 0.4 0.7% 52.3 52.3 0.0 0.0% 46.8 46.6 -0.2 -0.4% 58.0% 46.3 46.3 0.0 0.0% 60.5% 60.5% 60.5% 58.1 58.3 0.2 0.3% 52.3 52.3 0.0 0.0% 46.7 46.6 -0.1 -0.2% 60.5% 46.3 46.3 0.0 0.0% 61.7% 46.2 63.0% 63.0% 63.0% -0.1 63.0% 58.0 58.1 0.1 0.2% 52.2 52.2 0.0 0.0% 46.6 46.5 -0.2% 46.0 46.2 0.2 0.4% 64.2% 65.4% 57.9 57.9 58.1 58.0 0.2 64.2% 65.4% 52.2 52.2 64.2% 65.4% -0.2% -0.4% 64.2% 65.4% 46.1 46.1 -0.1 -0.2 0.1 0.0% 0.2% 0.2% 52.2 0.0 46.5 46.3 46.0 66.7% 67.9% 57.9 57.8 0.2% 66.7% 67.9% 66.7% 67.9% 66.7% 67.9% 58.0 57.9 0.1 52.1 0.0% 46.3 46.2 -0.1 -0.1 -0.2% 45.9 45.9 0.0 0.0% 52.1 52.1 0.0 0.0% 46.2 46.1 -0.2% 45.8 45.8 0.0% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 52.1 45.8 45.9 57.8 57.9 0.1 52.1 -0.1 -0.2% 0.0 0.2% 52.1 0.0 0.0% 46.1 46.0 45.8 45.8 0.0% 71.6% 57.8 57.9 0.1 0.2% 0.2% 71.6% 52.0 0.0% 71.6% 46 N 46.0 0.0% 71.6% 45.7 45.7 0.0 72.8% 57.7 57.8 72.8% 52.0 52.0 0.0 0.0% 72.8% 46.0 46.0 0.0 72.8% 45.6 45.6 0.0 0.0% 74.1% 75.3% 74.1% 75.3% 0.2% 74.1% 0.0% 74.1% -0.1 -0.1 -0.2% -0.2% 45.6 45.6 0.0 0.0% 57.7 75.3% 0.0% 75.3% 45.5 76.5% 57.7 0.0 0.0% 76.5% 51.7 0.0% 76.5% 45.9 45.8 -0.1 -0.2% 76.5% 45.5 45.5 0.0 0.0% 77.8% 0.2% 77.8% 51.7 77.8% -0.2 -0.4% 77.8% 0.1 0.2% 0.0% 45.9 45.5 79.0% 57.6 -0.1 -0.2% 79.0% 51.6 51.6 0.0 0.0% 79.0% 45.9 45.5 -0.4 -0.9% 79.0% 45.3 45.5 0.2 0.4% 80.2% 57.5 57.5 0.0% 80.2% 51.6 80.2% -0.5 80.2% 0.0% 45.8 45.3 -1.1% 45.1 0.4% 81.5% 57.5 57.4 -0.2% 81.5% 51.6 51.6 0.0% 81.5% 45.5 45.3 -0.2-0.4% 81.5% 44.8 45.3 0.5 82.7% 57.4 57.4 0.0% 82.7% 51.6 0.0% 82.7% 45.2 -0.3 -0.7% 82.7% 44.7 44.7 0.0 0.0% 84.0% 57.4 0.0 0.0% 84.0% 51.6 51.6 0.0 0.0% 84.0% 45.3 44.9 -0.4 -0.9% 84.0% 44.5 44.4 -0.1 -0.2% 85.2% 57.3 57.3 0.0 0.0% 85.2% 51.3 51.3 0.0 0.0% 85.2% 45.3 44.8 -0.5 -1.1% 85.2% 44.3 44.3 0.0 0.0% 86.4% 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0.0 0.0% 41.2 41.3 0.1 0.2%

Table SQ-16-9b

Feather River below Thermalito Afterbay, Monthly Temperature Probability of Exceedance

		February					March					April					May		
Percent	No Action Alternative	Alternative D	Absolute		Percent	No Action Alternative	Alternative D	Absolute		Percent	No Action Alternative	Alternative D	Absolute		Percent	No Action Alternative	Alternative D	Absolute	
Exceedance			Difference	Relative	Exceedance			Difference	Relative	Exceedance			Difference	Relative	Exceedance			Difference	Relative
Probability		Monthly Temperature	(DEG-F)	Difference (%)	Probability		Monthly Temperature	(DEG-F)	Difference (%)	Probability		Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	53.4	53.0	-0.4	-0.7%	0.0%	58.0	57.7	-0.3	-0.5%	0.0%	60.9	61.5	0.6	1.0%	0.0%	69.9	69.9	0.0	0.0%
1.2%	52.6	52.6	0.0	0.0%	1.2%	57.7	57.3	-0.4	-0.7%	1.2%	60.5	61.1	0.6	1.0%	1.2%	67.7	67.7	0.0	0.0%
2.5%	52.5	52.4	-0.1	-0.2%	2.5%	57.3	57.0	-0.3	-0.5%	2.5%	60.5	60.9	0.4	0.7%	2.5%	66.7	66.7	0.0	0.0%
3.7%	52.4	52.3	-0.1	-0.2%	3.7%	57.2	56.9	-0.3	-0.5%	3.7%	60.3	60.1	-0.2	-0.3%	3.7%	66.0	66.3	0.3	0.5%
4.9%	52.1	52.1	0.0	0.0%	4.9%	56.9	56.7	-0.2	-0.4%	4.9%	60.0	60.0	0.0	0.0%	4.9%	65.8	65.2	-0.6	-0.9%
6.2%	51.8	51.7	-0.1	-0.2%	6.2%	56.2	56.5	0.3	0.5%	6.2%	59.9	60.0	0.1	0.2%	6.2%	65.4	65.2	-0.2	-0.3%
7.4%	51.7	51.6	-0.1	-0.2%	7.4%	56.1	56.2	0.1	0.2%	7.4%	59.7	59.6	-0.1	-0.2%	7.4%	65.4	64.8	-0.6	-0.9%
8.6%	51.6	51.6	0.0	0.0%	8.6%	55.7	55.8	0.1	0.2%	8.6%	59.4	59.4	0.0	0.0%	8.6%	65.3	64.8	-0.5	-0.8%
9.9%	51.5	51.5	0.0	0.0%	9.9%	55.6	55.7	0.1	0.2%	9.9%	59.4	59.4	0.0	0.0%	9.9%	65.2	64.7	-0.5	-0.8%
11.1%	51.5	51.5	0.0	0.0%	11.1%	55.5	55.7	0.2	0.4%	11.1%	58.4	58.7	0.3	0.5%	11.1%	64.8	64.5	-0.3	-0.5%
12.3%	51.4	51.5	0.1	0.2%	12.3%	55.5	55.7	0.2	0.4%	12.3%	58.3	58.5	0.2	0.3%	12.3%	64.8	64.4	-0.4	-0.6%
13.6%	51.4	51.4	0.0	0.0%	13.6%	55.2	55.4	0.2	0.4%	13.6%	58.2	58.2	0.0	0.0%	13.6%	64.7	64.1	-0.6	-0.9%
14.8%	51.4	51.4	0.0	0.0%	14.8%	55.0	55.2	0.2	0.4%	14.8%	58.2	58.1	-0.1	-0.2%	14.8%	64.6	64.0	-0.6	-0.9%
16.0%	51.4	51.3	-0.1	-0.2%	16.0%	54.9	55.0	0.1	0.2%	16.0%	58.1	58.1	0.0	0.0%	16.0%	64.0	63.9	-0.1	-0.2%
17.3%	51.3	51.3	0.0	0.0%	17.3%	54.9	54.9	0.0	0.0%	17.3%	58.1	58.1	0.0	0.0%	17.3%	63.9	63.8	-0.1	-0.2%
18.5%	51.3	51.3	0.0	0.0%	18.5%	54.9	54.9	0.0	0.0%	18.5%	58.1	57.9	-0.2	-0.3%	18.5%	63.8	63.8	0.0	0.0%
19.8%	51.2	51.3	0.1	0.2%	19.8%	54.8	54.8	0.0	0.0%	19.8%	57.9	57.9	0.0	0.0%	19.8%	63.8	63.7	-0.1	-0.2%
21.0%	51.2	51.2	0.0	0.0%	21.0%	54.6	54.8	0.2	0.4%	21.0%	57.9	57.9	0.0	0.0%	21.0%	63.7	63.5	-0.2	-0.3%
22.2%	51.1	51.2	0.1	0.2%	22.2%	54.6	54.7	0.1	0.2%	22.2%	57.7	57.8	0.1	0.2%	22.2%	63.5	63.5	0.0	0.0%
23.5%	51.1	51.1	0.0	0.0%	23.5%	54.5	54.4	-0.1	-0.2%	23.5%	57.7	57.7	0.0	0.0%	23.5%	63.5	63.5	0.0	0.0%
24.7%	51.0	50.8	-0.2	-0.4%	24.7%	54.3	54.4	0.1	0.2%	24.7%	57.7	57.7	0.0	0.0%	24.7%	63.5	63.5	0.0	0.0%
25.9%	50.7	50.6	-0.1	-0.2%	25.9%	54.3	54.3	0.0	0.0%	25.9%	57.6	57.6	0.0	0.0%	25.9%	63.5	63.3	-0.2	-0.3%
27.2%	50.6	50.6	0.0	0.0%	27.2%	54.3	54.3	0.0	0.0%	27.2%	57.6	57.4	-0.2	-0.3%	27.2%	63.3	63.3	0.0	0.0%
28.4%	50.6	50.6	0.0	0.0%	28.4%	54.3	54.3	0.0	0.0%	28.4%	57.4	57.3	-0.1	-0.2%	28.4%	63.3	63.3	0.0	0.0%
29.6%	50.6	50.6	0.0	0.0%	29.6%	54.2	54.3	0.1	0.2%	29.6%	57.3	57.3	0.0	0.0%	29.6%	63.3	63.2	-0.1	-0.2%
30.9%	50.5	50.5	0.0	0.0%	30.9%	54.1	54.1	0.0	0.0%	30.9%	57.3	57.3	0.0	0.0%	30.9%	63.2	63.1	-0.1	-0.2%
32.1%	50.5	50.5	0.0	0.0%	32.1%	54.0	54.1	0.1	0.2%	32.1%	57.2	57.2	0.0	0.0%	32.1%	63.1	63.1	0.0	0.0%
33.3%	50.4	50.3	-0.1	-0.2%	33.3%	54.0	54.0	0.0	0.0%	33.3%	57.2	57.2	0.0	0.0%	33.3%	63.1	63.0	-0.1	-0.2%
34.6%	50.3	50.3	0.0	0.0%	34.6%	54.0	54.0	0.0	0.0%	34.6%	57.1	57.2	0.1	0.2%	34.6%	62.9	62.9	0.0	0.0%
35.8%	50.2	50.2	0.0	0.0%	35.8%	54.0	54.0	0.0	0.0%	35.8%	57.1	57.1	0.0	0.0%	35.8%	62.8	62.8	0.0	0.0%
37.0%	50.2	50.2	0.0	0.0%	37.0%	54.0	53.9	-0.1	-0.2%	37.0%	57.0	57.1	0.1	0.2%	37.0%	62.8	62.8	0.0	0.0%
38.3%	50.2	50.1	-0.1	-0.2%	38.3%	53.8	53.8	0.0	0.0%	38.3%	56.9	57.0	0.1	0.2%	38.3%	62.8	62.8	0.0	0.0%
39.5%	50.0	50.0	0.0	0.0%	39.5%	53.7	53.6	-0.1	-0.2%	39.5%	56.9	56.9	0.0	0.0%	39.5%	62.8	62.7	-0.1	-0.2%
40.7%	49.9	50.0	0.1	0.2%	40.7%	53.6	53.6	0.0	0.0%	40.7%	56.9	56.9	0.0	0.0%	40.7%	62.7	62.7	0.0	0.0%
42.0%	49.9	49.9	0.0	0.0%	42.0%	53.6	53.5	-0.1	-0.2%	42.0%	56.9	56.9	0.0	0.0%	42.0%	62.7	62.6	-0.1	-0.2%
43.2%	49.9	49.9	0.0	0.0%	43.2%	53.4	53.4	0.0	0.0%	43.2%	56.8	56.9	0.1	0.2%	43.2%	62.7	62.6	-0.1	-0.2%
44.4%	49.9	49.7	-0.2	-0.4%	44.4%	53.4	53.4	0.0	0.0%	44.4%	56.8	56.8	0.0	0.0%	44.4%	62.6	62.5	-0.1	-0.2%
45.7%	49.8	49.7	-0.1	-0.2%	45.7%	53.4	53.4	0.0	0.0%	45.7%	56.8	56.8	0.0	0.0%	45.7%	62.6	62.5	-0.1	-0.2%
46.9%	49.7	49.6	-0.1	-0.2%	46.9%	53.1	53.3	0.2	0.4%	46.9%	56.7	56.8	0.1	0.2%	46.9%	62.5	62.4	-0.1	-0.2%
48.1%	49.7	49.5	-0.2	-0.4%	48.1%	53.0	52.9	-0.1	-0.2%	48.1%	56.6	56.7	0.1	0.2%	48.1%	62.4	62.4	0.0	0.0%
49.4%	49.6	49.4	-0.2	-0.4%	49.4%	53.0	52.9	-0.1	-0.2%	49.4%	56.6	56.6	0.0	0.0%	49.4%	62.4	62.4	0.0	0.0%
50.6%	49.6	49.4	-0.2	-0.4%	50.6%	53.0	52.9	-0.1	-0.2%	50.6%	56.6	56.5	-0.1	-0.2%	50.6%	62.2	62.2	0.0	0.0%
51.9%	49.4	49.3	-0.1	-0.2%	51.9%	52.9	52.9	0.0	0.0%	51.9%	56.5	56.5	0.0	0.0%	51.9%	62.2	62.2	0.0	0.0%
53.1%	49.4	49.3	-0.1	-0.2%	53.1%	52.9	52.8	-0.1	-0.2%	53.1%	56.4	56.4	0.0	0.0%	53.1%	62.1	62.0	-0.1	-0.2%
54.3%	49.1	49.1	0.0	0.0%	54.3%	52.7	52.7	0.0	0.0%	54.3%	56.4	56.4	0.0	0.0%	54.3%	62.0	62.0	0.0	0.0%
55.6%	49.1	49.1	0.0	0.0%	55.6%	52.7	52.7	0.0	0.0%	55.6%	56.3	56.3	0.0	0.0%	55.6%	62.0	61.9	-0.1	-0.2%
56.8%	49.0	49.0	0.0	0.0%	56.8%	52.6	52.6	0.0	0.0%	56.8%	56.3	56.3	0.0	0.0%	56.8%	61.9	61.9	0.0	0.0%
58.0%	48.9	49.0	0.1	0.2%	58.0%	52.5	52.6	0.1	0.2%	58.0%	56.3	56.3	0.0	0.0%	58.0%	61.9	61.9	0.0	0.0%
59.3%	48.9	48.9	0.0	0.0%	59.3%	52.5	52.5	0.0	0.0%	59.3%	56.3	56.2	-0.1	-0.2%	59.3%	61.8	61.8	0.0	0.0%
60.5%	48.9	48.9	0.0	0.0%	60.5%	52.5	52.4	-0.1	-0.2%	60.5%	56.2	56.2	0.0	0.0%	60.5%	61.7	61.8	0.1	0.2%
61.7%	48.8	48.9	0.1	0.2%	61.7%	52.4	52.4	0.0	0.0%	61.7%	56.1	56.1	0.0	0.0%	61.7%	61.6	61.7	0.1	0.2%
63.0%	48.8	48.9	0.1	0.2%	63.0%	52.2	52.2	0.0	0.0%	63.0%	55.9	56.0	0.1	0.2%	63.0%	61.5	61.5	0.0	0.0%
64.2%	48.8	48.8	0.0	0.0%	64.2%	52.2	52.2	0.0	0.0%	64.2%	55.9	55.9	0.0	0.0%	64.2%	61.4	61.4	0.0	0.0%
65.4%	48.7	48.8	0.1	0.2%	65.4%	52.0	51.9	-0.1	-0.2%	65.4%	55.8	55.8	0.0	0.0%	65.4%	61.1	61.1	0.0	0.0%
66.7%	48.7	48.8	0.1	0.2%	66.7%	51.8	51.8	0.0	0.0%	66.7%	55.8	55.8	0.0	0.0%	66.7%	61.1	61.1	0.0	0.0%
67.9%	48.7	48.8	0.1	0.2%	67.9%	51.8	51.7	-0.1	-0.2%	67.9%	55.7	55.7	0.0	0.0%	67.9%	61.0	61.0	0.0	0.0%
69.1%	48.6	48.7	0.1	0.2%	69.1%	51.7	51.7	0.0	0.0%	69.1%	55.7	55.7	0.0	0.0%	69.1%	60.8	60.8	0.0	0.0%
70.4%	48.5	48.7	0.2	0.4%	70.4%	51.6	51.5	-0.1	-0.2%	70.4%	55.6	55.7	0.1	0.2%	70.4%	60.8	60.8	0.0	0.0%
71.6%	48.5	48.5	0.0	0.0%	71.6%	51.5	51.5	0.0	0.0%	71.6%	55.6	55.6	0.0	0.0%	71.6%	60.8	60.8	0.0	0.0%
72.8%	48.4	48.5	0.1	0.2%	72.8%	51.5	51.4	-0.1	-0.2%	72.8%	55.6	55.6	0.0	0.0%	72.8%	60.7	60.7	0.0	0.0%
74.1%	48.4	48.5	0.1	0.2%	74.1%	51.2	51.3	0.1	0.2%	74.1%	55.5	55.5	0.0	0.0%	74.1%	60.2	60.2	0.0	0.0%
75.3%	48.4	48.4	0.0	0.0%	75.3%	51.2	51.2	0.0	0.0%	75.3%	55.4	55.4	0.0	0.0%	75.3%	60.1	60.1	0.0	0.0%
76.5%	48.4	48.4	0.0	0.0%	76.5%	51.1	50.9	-0.2	-0.4%	76.5%	55.2	55.2	0.0	0.0%	76.5%	60.1	60.1	0.0	0.0%
77.8%	48.3	48.4	0.1	0.2%	77.8%	50.9	50.9	0.0	0.0%	77.8%	55.0	55.0	0.0	0.0%	77.8%	60.0	60.0	0.0	0.0%
79.0%	48.3	48.3	0.0	0.0%	79.0%	50.9	50.7	-0.2	-0.4%	79.0%	54.9	54.9	0.0	0.0%	79.0%	60.0	60.0	0.0	0.0%
80.2%	48.2	48.3	0.1	0.2%	80.2%	50.7	50.6	-0.1	-0.2%	80.2%	54.9	54.9	0.0	0.0%	80.2%	59.8	59.8	0.0	0.0%
81.5%	48.2	48.3	0.1	0.2%	81.5%	50.6	50.6	0.0	0.0%	81.5%	54.9	54.9	0.0	0.0%	81.5%	59.6	59.6	0.0	0.0%
82.7%	48.1	48.1	0.0	0.0%	82.7%	50.6	50.6	0.0	0.0%	82.7%	54.8	54.9	0.1	0.2%	82.7%	59.6	59.6	0.0	0.0%
84.0%	48.1	48.1	0.0	0.0%	84.0%	50.4	50.4	0.0	0.0%	84.0%	54.7	54.8	0.1	0.2%	84.0%	59.5	59.5	0.0	0.0%
85.2%	47.9	48.0	0.1	0.2%	85.2%	50.3	50.4	0.1	0.2%	85.2%	54.5	54.7	0.2	0.4%	85.2%	59.5	59.5	0.0	0.0%
86.4%	47.9	47.9	0.0	0.0%	86.4%	50.3	50.4	0.1	0.2%	86.4%	54.5	54.5	0.0	0.0%	86.4%	59.2	59.2	0.0	0.0%
87.7%	47.9	47.9	0.0	0.0%	87.7%	50.2	50.2	0.0	0.0%	87.7%	54.5	54.5	0.0	0.0%	87.7%	59.0	59.0	0.0	0.0%
88.9%	47.8	47.8	0.0	0.0%	88.9%	50.1	50.1	0.0	0.0%	88.9%	54.4	54.5	0.1	0.2%	88.9%	59.0	59.0	0.0	0.0%
90.1%	47.8	47.8	0.0	0.0%	90.1%	49.7	49.7	0.0	0.0%	90.1%	54.0	54.0	0.0	0.0%	90.1%	59.0	59.0	0.0	0.0%
91.4%	47.8	47.7	-0.1	-0.2%	91.4%	49.6	49.4	-0.2	-0.4%	91.4%	53.5	53.5	0.0	0.0%	91.4%	58.9	58.9	0.0	0.0%
92.6%	47.6	47.6	0.0	0.0%	92.6%	49.3	49.4	0.1	0.2%	92.6%	53.2	53.2	0.0	0.0%	92.6%	58.6	58.6	0.0	0.0%
93.8%	47.5	47.6	0.1	0.2%	93.8%	49.3	49.4	0.1	0.2%	93.8%	52.7	52.7	0.0	0.0%	93.8%	57.9	57.9	0.0	0.0%
95.1%	47.4	47.4	0.0	0.0%	95.1%	49.3	49.3	0.0	0.0%	95.1%	52.5	52.5	0.0	0.0%	95.1%	57.7	57.7	0.0	0.0%
96.3%	46.8	46.8	0.0	0.0%	96.3%	49.2	49.3	0.1	0.2%	96.3%	52.1	52.1	0.0	0.0%	96.3%	57.5	57.5	0.0	0.0%
97.5%	46.7	46.7	0.0	0.0%	97.5%	48.9	48.8	-0.1	-0.2%	97.5%	52.0	52.0	0.0	0.0%	97.5%	57.1	57.1	0.0	0.0%
98.8%	46.5	46.5	0.0	0.0%	98.8%	47.9	47.9	0.0	0.0%	98.8%	51.7	51.7	0.0	0.0%	98.8%	55.8	55.8	0.0	0.0%
100.0%	46.5	46.5	0.0	0.0%	100.0%	47.9	47.9	0.0	0.0%	100.0%	51.7	51.7	0.0	0.0%	100.0%	55.8	55.8	0.0	0.0%
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Table SQ-16-9b

Feather River below Thermalito Afterbay, Monthly Temperature Probability of Exceedance

August

September

Percent Percent Percent Percent No Action Alternative Alternative D Absolute Relative Relative Relative Relative Exceedance Exceedance Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG-F) (DEG.E) (DEG-F) (DEG-F) (%) (DEG-F) ____(%) (DEG-F) (%) 0.0% (DEG-F) 0.0% 71.6 0.0% 0.0% 74.3 74.0 -0.3 -0.4% 0.0% 76.1 75.0 -1.4% 69.0 68.1 -1.3% 1.2% 70.8 71.5 0.7 1.0% 1.2% 74.2 73.6 -0.6 -0.8% 1.2% 74.8 74.0 -0.8 -1.1% 1.2% 67.9 67.8 -0.1 -0.1% 2.5% 70.3 70.4 0.1% 2.5% 74.0 72.6 -1.9% 2.5% 73.6 73.7 0.1% 2.5% 67.3 67.2 -0.1% 3.7% 3.7% 70.0 69.9 -0.1 -0.1% 3.7% 73.3 72.6 -0.7 -1.0% 3.7% 73.4 73.5 0.1 0.1% 66.8 66.6 -0.2 -0.3% 4.9% 69.9 69.8 -0.1% 4.9% 73.0 72.4 -0.6 -0.8% 4.9% 73.4 72.8 -0.6 -0.8% 4.9% 66.4 66.5 0.1 0.2% 6.2% 6.2% 6.2% 6.2% 69.8 69.7 -0.1 -0.1% 72.6 72.2 -0.4 -0.6% 73.2 72.1 -1.1 -1.5% 66.4 66.4 0.0 0.0% 7.4% 69.6 0.1 0.1% 7.4% 71.8 71.5 -0.5 -0.7 -0.7% 7.4% 71.9 0.1% 7.4% 66.0 0.1 0.2% 8.6% 8.6% 8.6% 8.6% 69.5 69.6 72.2 -1.0% 71.2 71.6 0.4 0.6% 65.8 65.8 0.0% 9.9% 11.1% 12.3% 0.4% 0.0% 11.1% 12.3% 69.3 69.6 0.3 0.4% 11.1% 71.0 70.5 -0.5 -0.7% 11.1% 71.0 71.5 0.5 0.7% 65.7 65.7 0.0 0.0% 13.6% 13.6% 13.6% 13.6% 0.2% 69 1 693 0.2 0.3% 70.7 70.1 -0.6 -0.8% 70.5 71 2 0.7 1.0% 65.5 65.6 0.1 16.0% 16.0% 16.0% 16.0% 69.0 69.1 0.1 0.1% 69.8 70.0 0.2 0.3% 70.5 71.1 0.6 0.9% 65.4 65.5 0.1 0.2% 18.5% 0.1% 18.5% 0.0% 18.5% 18.5% 0.1 0.2% 69.0 69.1 0.1 69.6 69.6 0.0 70.3 71.0 0.7 1.0% 65.3 65.4 19.8% 21.0% 69.0 68.9 19.8% 21.0% 0.8 19.8% 21.0% 0.2 0.0 21.0% 68.9 0.0% 69.2 69.5 0.3 0.4% 70.1 70.8 1.0% 65.0 65.3 0.5% 22.2% 23.5% -0.1% -0.1% 22.2% 23.5% 0.4% 22.2% 23.5% 22.2% 23.5% 64 9 0.4 -0.1 68.7 68.6 69.4 0.3 0.4% 70.1 70.4 0.3 0.4% 64.8 65.1 0.5% 69.1 24.7% 25.9% -0.1% 0.0% 24.7% 25.9% 24.7% 25.9% 0.6% 24.7% 25.9% 68.7 69.3 0.2 0.3% 0.5 0.4 0.8% 68.5 0.0 69.1 0.3% 69.9 0.4 64.6 0.6% 68.5 69.3 70.3 65.0 27.2% 28.4% 0.3% 27.2% 28.4% 27.2% 28.4% 68.3 27.2% 69.2 0.1% 69.8 0.4% 64.5 65.0 0.5 68.2 0.3 28.4% 69.1 0.1 0.1% 0.2 0.3% 64.4 0.4 0.6% 68.5 69.2 69.8 70.0 64.8 29.6% 30.9% 0.4% 29.6% 30.9% 29.6% 30.9% 0.4% 29.6% 30.9% 69.2 69.2 0.4 0.6% 0.1% 69.6 32.1% 68.1 0.2 0.3% 32.1% 69.1 69.1 0.0% 32.1% 69.6 69.8 0.2 0.3% 32.1% 64.0 64.6 0.6 0.9% 33.3% 0.2 0.3% 33.3% 69.0 0.1% 33.3% 69.4 69.6 0.2 0.3% 33.3% 1.0 1.6% 34.6% 68.0 0.3 0.4% 34.6% 69.0 69.1 0.1% 34.6% 69.4 69.5 0.1 0.1% 34.6% 63.6 64.6 1.0 1.6% 35.8% 0.4% 35.8% 35.8% 0.2 35.8% 0.1% 69.5 0.3% 1.7% 37.0% 68.0 0.1 0.1% 37.0% 68.8 68.9 0.1% 37.0% 69.3 69.3 0.0 0.0% 37.0% 63.3 64.4 1.7% 38.3% 67.9 0.3% 38.3% 38.3% 0.0% 38.3% 63.3 39.5% 67.8 68.0 0.2 0.3% 39.5% 68.7 68.8 0.1% 39.5% 69.0 68.9 -0.1 -0.1% 39.5% 63.2 64.1 0.9 1.4% 40.7% 67.7 67.9 0.2 0.3% 40.7% 68.7 68.8 0.1% 40.7% 68.9 68.7 -0.2 -0.3% 40.7% 63.2 63.7 0.5 0.8% 42.0% 67.6 67.8 0.2 0.3% 42.0% 68.6 68.8 0.3% 42.0% 68.7 68.6 -0.1 -0.1% 42.0% 63.2 63.6 0.4 0.6% 43.2% 67.6 67.7 0.1 0.1% 43.2% 68.6 68.8 0.2 0.3% 43.2% 68.7 68.5 -0.2 -0.3% 43.2% 63.2 63.5 0.3 0.5% 44.4% 67.5 0.1 0.1% 44.4% 68.5 68.7 0.3% 44.4% 68.7 68.4 -0.3 -0.4% 44.4% 63.2 63.4 0.2 0.3% 45.7% 45.7% 45.7% 67.5 67.5 0.0 0.0% 68.5 68.7 0.2 0.3% 68.6 68.4 -0.2 -0.3% 45.7% 62.9 63.4 0.5 0.8% -0.4 46.9% 67.4 67.5 0.1 0.1% 46.9% 68.5 68.7 0.3% 46.9% 68.5 68.3 -0.2-0.3% 46.9% 62.9 62.5 -0.6% 48.1% 49.4% -0.6% 67.3 67.5 0.2 0.3% 48.1% 68.4 68.7 0.3 0.4% 48.1% 68.5 68.3 -0.2 -0.3% 48.1% 62.8 62.4 -0.4 67.3 0.2 0.3% 49.4% 68.4 68.6 0.3% 49.4% 68.4 68.1 -0.3-0.4% 49.4% 62.8 62.3 -0.5-0.8%50.6% 50.6% 50.6% 50.6% 67.2 67.4 0.2 0.3% 68.3 68.6 0.3 0.4% 68.4 68.1 -0.3 -0.4% 62.7 62.2 -0.5 -0.8% 51.9% 67.1 67.1 0.3 0.4% 51.9% 68.6 0.3 0.4% 68.4 68.0 -0.4-0.6% 51.9% 53.1% 62.4 62.1 -0.3 -0.4 -0.5% 53.1% 53.1% 53.1% 0.3% -0.4 67.3 68.3 68.5 0.3% 68.3 67.9 -0.6% 62.4 62.0 -0.6% 55.6% 56.8% 55.6% 55.6% 55.6% -0.4 -0.4 67.0 67.2 0.2 0.3% 68.2 68.4 0.2 0.3% 68.2 67.8 -0.4 -0.6% 62.3 61.9 -0.6% 58.0% 58.0% 0.4% 58.0% 66.8 67.0 0.2 0.3% 68.0 68.3 0.3 67.7 67.6 -0.1 -0.1% 58.0% 62.1 61.8 -0.3 -0.5% 60.5% 60.5% 60.5% 66.8 67.0 0.2 0.3% 68.0 68.1 0.1 0.1% 67.7 67.5 -0.2 -0.3% 60.5% 62.0 61.6 -0.4 -0.6% 61.7% 63.0% 63.0% 63.0% 0.1% -0.1 63.0% 66.4 66.8 0.4 0.6% 67.9 68.0 0.1 67.5 67.4 -0.1% 61.6 61.4 -0.2 -0.3% 64.2% 65.4% 66.6 66.6 0.3 64.2% 65.4% 64.2% 65.4% 64.2% 65.4% 61.3 -0.1 0.0 0.2 -0.2 -0.1 66.3 0.3% 67.4 67.3 61.3 0.5% 67.8 68.0 -0.1% 0.0% 66.7% 67.9% 0.2% 66.7% 67.9% 66.7% 67.9% 67.3 67.2 0.0% 66.7% 67.9% 66.3 0.1 68.0 0.3% 61.2 0.0 0.0% 66.2 -0.1 67.7 0.2 66.3 67.9 0.3% 67.3 61.2 61.2 0.0% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% -0.1 -0.2 0.5% 67.7 66.3 0.5 67.7 0.0% 65.8 0.8% 67.6 0.1 0.1% 67.2 67.2 0.0 61.2 61.0 -0.3% 71.6% 65.8 0.5 0.8% 71.6% 67.6 0.0% 71.6% 67.2 67.1 -0.1 -0.2 -0.1% 71.6% 60.9 -0.1 -0.2 -0.2% 72.8% 65.8 66.2 0.4 72.8% 67.6 67.6 0.0 0.0% 72.8% 67.2 67.0 -0.3% 72.8% 61.0 -0.3% 60.8 0.2% 74.1% 75.3% 74.1% 75.3% 74.1% 74.1% -0.1 -0.1 -0.1% -0.1% -0.1 -0.1 75.3% 67.6 0.1% 75.3% 66.9 -0.2% 60.7 76.5% 65.5 0.3 0.5% 76.5% 67.3 67.5 0.3% 76.5% 66.8 66.8 0.0% 76.5% 60.8 60.7 -0.1 -0.2% 77.8% 0.5% 77.8% 67.5 77.8% 0.1% 77.8% -0.1 0.3 0.3% 66.7 60.7 60.6 -0.2% 79.0% 65.4 65.6 0.2 0.3% 79.0% 67.2 67.4 0.2 0.3% 79.0% 66.6 66.7 0.2% 79.0% 60.7 60.6 -0.1 -0.2% 80.2% 65.3 0.2% 80.2% 67.4 80.2% 80.2% 0.1 0.3% 66.6 0.0 60.5 0.2% 81.5% 65.1 65.2 0.1 0.2% 81.5% 67.1 67.2 0.1% 81.5% 66.5 66.6 0.2% 81.5% 60.4 60.4 0.0 0.0% 82.7% 65.0 0.2% 82.7% 67.2 0.3% 82.7% 66.5 0.0 0.0% 82.7% 60.3 60.4 0.1 0.2% 84.0% 65.0 65.0 0.0 0.0% 84.0% 66.9 67.2 0.3 0.4% 84.0% 66.4 66.5 0.2% 84.0% 60.2 60.3 0.1 0.2% 85.2% 64.8 64.8 0.0 0.0% 85.2% 66.9 67.1 0.2 0.3% 85.2% 66.3 66.4 0.1 0.2% 85.2% 60.2 60.2 0.0 0.0% 86.4% 0.2 0.3% 86.4% 66.8 66.9 0.1% 86.4% 66.3 66.3 0.0% 86.4% 60.2 60.1 -0.1 -0.2% 87.7% 64.6 64.6 0.0 0.0% 87.7% 66.8 66.9 0.1 0.1% 87.7% 66.2 66.3 0.1 0.2% 87.7% 60.0 60.1 0.1 0.2% 88.9% 64.4 64.6 0.2 0.3% 88.9% 66.7 66.8 0.1% 88.9% 66.0 66.1 0.2% 88.9% 59.8 60.1 0.3 0.5% 90.1% 64.0 64.4 0.4 0.6% 90.1% 66.7 66.7 0.0 0.0% 90.1% 66.0 65.9 -0.1 -0.2% 90.1% 59.7 59.8 0.1 0.2% 91.4% 64.2 0.6 91.4% 66.5 91.4% 65.9 91.4% 59.5 59.4 -0.1 0.0 92.6% 92.6% 92.6% 63.4 63.6 0.3% 66.4 66.5 0.1 0.2% 65.9 65.9 0.0 0.0% 92.6% 59 1 59.1 0.0% 93.8% 0.2 65.8 93.8% 0.0 63.2 63.4 0.3% 93.8% 66.4 66.4 0.0 0.0% 93.8% 65.7 0.1 0.2% 59.0 59.0 0.0% 95.1% 95.1% 95.1% 95.1% 61.9 61.9 0.0 0.0% 66.4 66.4 0.0 0.0% 65.7 65.7 0.0 0.0% 58.8 58.8 0.0 0.0% 96.3% 0.0 0.0% 96.3% 66.4 0.0% 96.3% 97.5% 65.6 0.0 0.0% 96.3% 97.5% 58.7 0.0 0.0% 97.5% 97.5% 0.0 0.0% 61.0 61.0 0.0 0.0% 66.4 66.3 -0.1 -0.2% 65.5 65.5 0.0 0.0% 58.6 58.6 0.0% -0.2% 98.8% 0.0% 100.0% 100.0% 100.0% 100.0% 60.0 60.0 0.0 0.0% 66.3 66.2 -0.2% 65.4 65.5 0.2% 57.8 57.8 0.0 0.0%

Table SQ-17-9a Feather River at the Mouth, Monthly Temperature Long-term Average and Average by Water Year Type

	Congressi Average and Average by Water Tear Type Monthly Temperature (DEG-F) Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug St													
Analysis Period	Oct	Nov	Dec	Jan		, ,			Jun	Jul	Aua	Sep		
				Lor	ng-term									
Full Simulation Period ¹														
No Action Alternative	61.3	52.5	46.2	45.8	50.2	54.6	60.7	66.4	71.4	73.2	72.6	68.6		
Alternative D	61.3	52.5	46.1	45.8	50.2	54.6	60.7	66.5	71.5	73.2	72.5	68.5		
Difference	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	-0.1		
Percent Difference ³	0.1%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	-0.29		
				Water Y	ear Types	2								
Wet (32%)														
No Action Alternative	60.7	52.8	46.6	46.6	50.0	53.4	58.6	64.5	69.7	73.4	72.9	66.7		
Alternative D	60.7	52.8	46.5	46.6	50.0	53.4	58.6	64.5	69.6	73.5	73.1	66.5		
Difference	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.2		
Percent Difference	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.49		
Above Normal (15%)														
No Action Alternative	60.5	51.4	46.0	46.0	50.2	54.4	60.5	66.4	71.4	72.1	71.0	66.8		
Alternative D	60.5	51.5	45.8	46.0	50.2	54.4	60.5	66.4	71.3	72.1	71.2	66.6		
Difference	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	-0.1		
Percent Difference	0.0%	0.0%	-0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.2%	-0.29		
Below Normal (17%)														
No Action Alternative	61.3	52.5	45.8	45.4	49.7	55.0	60.8	66.6	71.7	72.7	71.9	70.0		
Alternative D	61.4	52.5	45.9	45.4	49.7	54.9	60.8	66.6	71.6	72.7	72.1	70.2		
Difference	0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2		
Percent Difference	0.2%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.3%		
Ory (22%)														
No Action Alternative	61.6	52.7	46.3	44.8	50.2	55.4	62.0	67.7	72.9	72.8	72.1	70.2		
Alternative D	61.7	52.8	46.2	44.8	50.2	55.4	62.0	67.8	73.2	73.0	71.8	70.0		
Difference	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.2	-0.2	-0.2		
Percent Difference	0.2%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.3%	0.3%	-0.3%	-0.39		
Critical (15%)		•	•				•		•					
No Action Alternative	62.6	52.6	45.7	45.3	51.1	55.8	63.1	68.1	72.3	74.9	74.7	70.3		
Alternative D	62.6	52.6	45.5	45.3	51.0	55.8	63.2	68.1	72.7	74.8	74.0	70.1		
Difference	0.0	0.0	-0.3	0.0	0.0	0.0	0.1	0.0	0.3	-0.2	-0.7	-0.2		
Percent Difference	0.0%	-0.1%	-0.6%	0.1%	0.0%	0.0%	0.1%	0.0%	0.5%	-0.3%	-0.9%	-0.39		



Figure SQ-17-9b
Feather River at the Mouth, Monthly Temperature
Probability of Exceedance

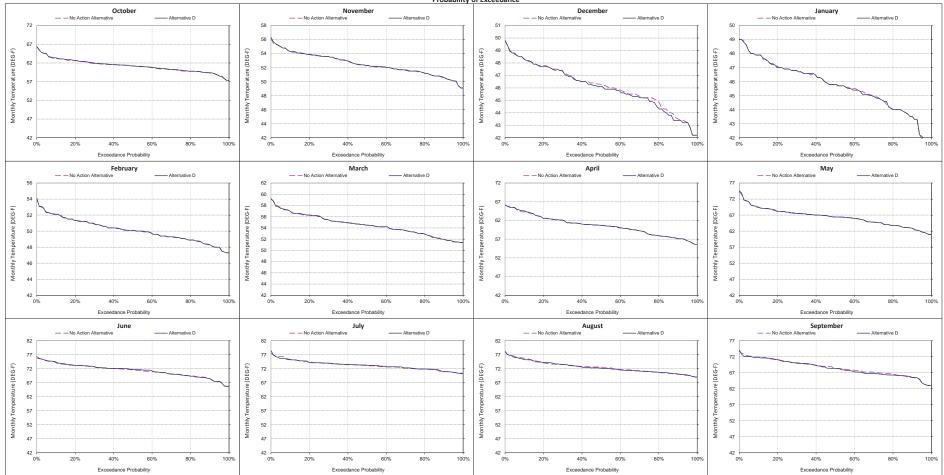


Table SQ-17-9b
Feather River at the Mouth, Monthly Temperature
Probability of Exceedance

		October					November					December					January		
Percent	No Action Alternative	Alternative D	Absolute	Relative	Percent	No Action Alternative	Alternative D	Absolute	Relative	Percent	No Action Alternative	Alternative D	Absolute	Relative	Percent	No Action Alternative	Alternative D	Absolute	Relative
Exceedance Probability		Monthly Temperature	Difference	Difference (%)	Exceedance Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Exceedance Probability	Monthly Temperature		Difference	Difference (%)	Exceedance Probability		Monthly Temperature	Difference	Difference (%)
	(DEG-F)	(DEG-F)	(DEG-F)	Difference (%)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (%)	(%)	(DEG-F)	(DFG-F)	(DEG-F)	Difference (%)	(%)	(DFG-F)	(DEG-F)	(DEG-F)	Difference (%)
0.0%	(DEG-F) 66.4	(DEG-F) 66.4	0.0	0.0%	0.0%	56.1	56.3	0.2	0.4%	0.0%	49.8	49.8	0.0	0.0%	0.0%	49.0	49.0	0.0	0.0%
1.2%	65.5	65.5	0.0	0.0%	1.2%	55.5	55.7	0.2	0.4%	1.2%	49.4	49.4	0.0	0.0%	1.2%	49.0	49.0	0.0	0.0%
2.5%	64.8	64.8	0.0	0.0%	2.5%	55.3	55.4	0.2	0.2%	2.5%	48.9	49.0	0.0	0.2%	2.5%	48.9	48.8	-0.1	-0.2%
3.7%	64.6	64.6	0.0	0.0%	3.7%	55.2	55.2	0.0	0.0%	3.7%	48.9	48.8	-0.1	-0.2%	3.7%	48.6	48.6	0.0	0.0%
4.9%	64.6	64.5	-0.1	-0.2%	4.9%	55.0	55.0	0.0	0.0%	4.9%	48.7	48.8	0.1	0.2%	4.9%	48.2	48.2	0.0	0.0%
6.2%	63.6	63.7	0.1	0.2%	6.2%	54.8	54.8	0.0	0.0%	6.2%	48.6	48.6	0.0	0.0%	6.2%	48.0	48.0	0.0	0.0%
7.4%	63.5	63.6	0.1	0.2%	7.4%	54.8	54.8	0.0	0.0%	7.4%	48.5	48.5	0.0	0.0%	7.4%	48.0	48.0	0.0	0.0%
8.6%	63.2	63.4	0.2	0.3%	8.6%	54.5	54.5	0.0	0.0%	8.6%	48.5	48.5	0.0	0.0%	8.6%	47.9	47.9	0.0	0.0%
9.9%	63.2	63.4	0.2	0.3%	9.9%	54.3	54.3	0.0	0.0%	9.9%	48.3	48.3	0.0	0.0%	9.9%	47.9	47.9	0.0	0.0%
11.1%	63.1	63.2	0.1	0.2%	11.1%	54.2	54.3	0.1	0.2%	11.1%	48.2	48.2	0.0	0.0%	11.1%	47.9	47.9	0.0	0.0%
12.3%	63.1	63.1	0.0	0.0%	12.3%	54.2	54.3	0.1	0.2%	12.3%	48.1	48.2	0.1	0.2%	12.3%	47.6	47.7	0.1	0.2%
13.6%	63.0	63.1	0.1	0.2%	13.6%	54.2	54.1	-0.1	-0.2%	13.6%	48.1	48.1	0.0	0.0%	13.6%	47.6	47.6	0.0	0.0%
14.8%	62.9	63.0	0.1	0.2%	14.8%	54.1	54.1	0.0	0.0%	14.8%	48.0	47.9	-0.1	-0.2%	14.8%	47.4	47.5	0.1	0.2%
16.0%	62.7	62.9	0.2	0.3%	16.0%	54.1	54.0	-0.1	-0.2%	16.0%	47.9	47.9	0.0	0.0%	16.0%	47.3	47.3	0.0	0.0%
17.3%	62.7	62.9	0.2	0.3%	17.3%	54.0	54.0	0.0	0.0%	17.3%	47.8	47.8	0.0	0.0%	17.3%	47.3	47.2	-0.1	-0.2%
18.5%	62.7	62.8	0.1	0.2%	18.5%	53.9	53.9	0.0	0.0%	18.5%	47.8	47.7	-0.1	-0.2%	18.5%	47.2	47.2	0.0	0.0%
19.8%	62.7	62.7	0.0	0.0%	19.8%	53.9	53.9	0.0	0.0%	19.8%	47.8	47.7	-0.1	-0.2%	19.8%	47.1	47.0	-0.1	-0.2%
21.0%	62.6	62.6	0.0	0.0%	21.0%	53.9	53.8	-0.1	-0.2%	21.0%	47.8	47.7	-0.1	-0.2%	21.0%	47.0	47.0	0.0	0.0%
22.2%	62.5	62.4	-0.1	-0.2%	22.2%	53.8	53.8	0.0	0.0%	22.2%	47.7	47.7	0.0	0.0%	22.2%	47.0	47.0	0.0	0.0%
23.5%	62.4	62.4	0.0	0.0%	23.5%	53.7	53.8	0.1	0.2%	23.5%	47.6	47.6	0.0	0.0%	23.5%	46.9	46.9	0.0	0.0%
24.7%	62.3	62.4	0.1	0.2%	24.7%	53.7	53.7	0.0	0.0%	24.7%	47.5	47.5	0.0	0.0%	24.7%	46.9	46.9	0.0	0.0%
25.9%	62.3	62.3	0.0	0.0%	25.9%	53.7	53.6	-0.1	-0.2%	25.9%	47.4	47.5	0.1	0.2%	25.9%	46.9	46.9	0.0	0.0%
27.2%	62.1	62.2	0.1	0.2%	27.2%	53.6	53.6	0.0	0.0%	27.2%	47.4	47.5	0.1	0.2%	27.2%	46.8	46.8	0.0	0.0%
28.4%	61.9	62.2	0.3	0.5%	28.4%	53.6	53.6	0.0	0.0%	28.4%	47.4	47.4	0.0	0.0%	28.4%	46.8	46.8	0.0	0.0%
29.6%	61.8	62.0	0.2	0.3%	29.6%	53.6	53.6	0.0	0.0%	29.6%	47.4	47.4	0.0	0.0%	29.6%	46.8	46.8	0.0	0.0%
30.9%	61.8	61.9	0.1	0.2%	30.9%	53.5	53.5	0.0	0.0%	30.9%	47.2	47.1	-0.1	-0.2%	30.9%	46.8	46.7	-0.1	-0.2%
32.1%	61.8	61.9	0.1	0.2%	32.1%	53.5	53.5	0.0	0.0%	32.1%	47.1	47.0	-0.1	-0.2%	32.1%	46.7	46.7	0.0	0.0%
33.3%	61.7	61.8	0.1	0.2%	33.3%	53.3	53.3	0.0	0.0%	33.3%	47.0	46.9	-0.1	-0.2%	33.3%	46.6	46.6	0.0	0.0%
34.6%	61.7	61.8	0.1	0.2%	34.6%	53.2	53.3	0.1	0.2%	34.6%	47.0	46.9	-0.1	-0.2%	34.6%	46.6	46.6	0.0	0.0%
35.8% 37.0%	61.6 61.6	61.7 61.7	0.1 0.1	0.2%	35.8% 37.0%	53.1	53.1 53.1	0.0	0.0%	35.8%	46.8 46.6	46.7 46.6	-0.1 0.0	-0.2%	35.8% 37.0%	46.6 46.5	46.6 46.6	0.0	0.0%
				0.2%		53.1				37.0%				0.0%				0.1	0.2%
38.3%	61.6	61.6	0.0	0.0%	38.3%	53.0	53.1	0.1	0.2%	38.3%	46.6	46.6	0.0	0.0%	38.3%	46.5	46.6	0.1	0.2%
39.5%	61.5	61.6	0.1	0.2%	39.5%	53.0	53.0	0.0	0.0%	39.5%	46.5	46.5	0.0	0.0%	39.5%	46.5	46.5	0.0	0.0%
40.7% 42.0%	61.5 61.5	61.6 61.5	0.1	0.2%	40.7% 42.0%	52.8 52.7	52.9 52.7	0.1	0.2%	40.7% 42.0%	46.5 46.5	46.5 46.5	0.0	0.0%	40.7% 42.0%	46.3 46.3	46.3 46.3	0.0	0.0%
42.0%						52.7 52.6	52.7 52.6		0.0%	43.2%		46.3	-0.2	-0.4%	43.2%	46.3 46.2	46.2	0.0	
44.4%	61.4 61.4	61.5 61.4	0.1	0.2%	43.2% 44.4%	52.5	52.5	0.0	0.0%	44.4%	46.5 46.4	46.3	-0.2	-0.4%	44.4%	46.0	46.0	0.0	0.0%
45.7%	61.4	61.4	0.0	0.0%	45.7%	52.5 52.4	52.5	0.0	0.2%	45.7%	46.4	46.2	-0.1	-0.4%	45.7%	45.9	45.9	0.0	0.0%
46.9%	61.4	61.4	0.0	0.0%	46.9%	52.4	52.4	0.0	0.0%	46.9%	46.4	46.2	-0.2	-0.4%	46.9%	45.8	45.8	0.0	0.0%
48.1%	61.3	61.3	0.0	0.0%	48.1%	52.4	52.4	0.0	0.0%	48.1%	46.3	46.1	-0.2	-0.4%	48.1%	45.8	45.8	0.0	0.0%
49.4%	61.2	61.2	0.0	0.0%	49.4%	52.3	52.3	0.0	0.0%	49.4%	46.3	46.1	-0.2	-0.4%	49.4%	45.8	45.8	0.0	0.0%
50.6%	61.2	61.2	0.0	0.0%	50.6%	52.3	52.3	0.0	0.0%	50.6%	46.2	46.1	-0.1	-0.2%	50.6%	45.7	45.8	0.1	0.2%
51.9%	61.1	61.1	0.0	0.0%	51.9%	52.2	52.2	0.0	0.0%	51.9%	46.2	45.9	-0.3	-0.6%	51.9%	45.7	45.7	0.0	0.0%
53.1%	61.0	61.1	0.1	0.2%	53.1%	52.2	52.2	0.0	0.0%	53.1%	46.1	45.9	-0.2	-0.4%	53.1%	45.7	45.7	0.0	0.0%
54.3%	61.0	61.1	0.1	0.2%	54.3%	52.1	52.2	0.1	0.2%	54.3%	46.0	45.9	-0.1	-0.2%	54.3%	45.7	45.7	0.0	0.0%
55.6%	61.0	61.0	0.0	0.0%	55.6%	52.1	52.2	0.1	0.2%	55.6%	46.0	45.9	-0.1	-0.2%	55.6%	45.6	45.6	0.0	0.0%
56.8%	60.9	61.0	0.1	0.2%	56.8%	52.1	52.2	0.1	0.2%	56.8%	46.0	45.9	-0.1	-0.2%	56.8%	45.6	45.5	-0.1	-0.2%
58.0%	60.9	60.9	0.0	0.0%	58.0%	52.1	52.1	0.0	0.0%	58.0%	45.9	45.8	-0.1	-0.2%	58.0%	45.5	45.5	0.0	0.0%
59.3%	60.8	60.9	0.1	0.2%	59.3%	52.1	52.1	0.0	0.0%	59.3%	45.9	45.8	-0.1	-0.2%	59.3%	45.5	45.4	-0.1	-0.2%
60.5%	60.7	60.8	0.1	0.2%	60.5%	52.0	52.0	0.0	0.0%	60.5%	45.8	45.6	-0.2	-0.4%	60.5%	45.5	45.4	-0.1	-0.2%
61.7%	60.5	60.7	0.2	0.3%	61.7%	52.0	52.0	0.0	0.0%	61.7%	45.7	45.6	-0.1	-0.2%	61.7%	45.4	45.4	0.0	0.0%
63.0%	60.5	60.6	0.1	0.2%	63.0%	51.9	51.9	0.0	0.0%	63.0%	45.6	45.5	-0.1	-0.2%	63.0%	45.3	45.3	0.0	0.0%
64.2%	60.4	60.6	0.2	0.3%	64.2%	51.8	51.8	0.0	0.0%	64.2%	45.5	45.5	0.0	0.0%	64.2%	45.3	45.1	-0.2	-0.4%
65.4%	60.4	60.5	0.1	0.2%	65.4%	51.8	51.8	0.0	0.0%	65.4%	45.5	45.4	-0.1	-0.2%	65.4%	45.2	45.1	-0.1	-0.2%
66.7%	60.4	60.5	0.1	0.2%	66.7%	51.7	51.7	0.0	0.0%	66.7%	45.5	45.3	-0.2	-0.4%	66.7%	45.1	45.1	0.0	0.0%
67.9%	60.3	60.4	0.1	0.2%	67.9%	51.7	51.7	0.0	0.0%	67.9%	45.5	45.3	-0.2	-0.4%	67.9%	45.1	45.0	-0.1	-0.2%
69.1%	60.2	60.3	0.1	0.2%	69.1%	51.7	51.7	0.0	0.0%	69.1%	45.4	45.3	-0.1	-0.2%	69.1%	45.0	45.0	0.0	0.0%
70.4%	60.2	60.3	0.1	0.2%	70.4%	51.7	51.6	-0.1	-0.2%	70.4%	45.3	45.2	-0.1	-0.2%	70.4%	44.9	44.9	0.0	0.0%
71.6%	60.2	60.2	0.0	0.0%	71.6%	51.6	51.5	-0.1	-0.2%	71.6%	45.2	45.2	0.0	0.0%	71.6%	44.8	44.9	0.1	0.2%
72.8%	60.1	60.2	0.1	0.2%	72.8%	51.5	51.5	0.0	0.0%	72.8%	45.2	45.2	0.0	0.0%	72.8%	44.8	44.8	0.0	0.0%
74.1%	59.9	60.1	0.2	0.3%	74.1%	51.5	51.5	0.0	0.0%	74.1%	45.2	45.2	0.0	0.0%	74.1%	44.7	44.7	0.0	0.0%
75.3%	59.9	60.1	0.2	0.3%	75.3%	51.5	51.5	0.0	0.0%	75.3%	45.2	44.9	-0.3	-0.7%	75.3%	44.6	44.6	0.0	0.0%
76.5%	59.8	59.9	0.1	0.2%	76.5%	51.4	51.5	0.1	0.2%	76.5%	45.2	44.9	-0.3	-0.7%	76.5%	44.4	44.6	0.2	0.5%
77.8% 79.0%	59.8 59.8	59.9 59.8	0.1	0.2%	77.8% 79.0%	51.4 51.3	51.4 51.3	0.0	0.0%	77.8% 79.0%	45.1 45.0	44.8 44.5	-0.3 -0.5	-0.7% -1.1%	77.8% 79.0%	44.2 44.1	44.2 44.1	0.0	0.0%
79.0% 80.2%	59.8 59.8	59.8 59.8	0.0	0.0%	79.0% 80.2%	51.3 51.2	51.3 51.2	0.0	0.0%	79.0% 80.2%	45.0 44.8	44.5 44.3	-0.5	-1.1% -1.1%	79.0% 80.2%	44.1 44.0	44.1 44.0	0.0	0.0%
80.2%	59.8 59.8	59.8 59.8	0.0	0.0%	81.5%	51.2 51.2	51.2 51.2	0.0	0.0%	80.2%	44.8 44.4	44.3	-0.5	-1.1%	80.2% 81.5%	44.0 44.0	44.0 44.0	0.0	0.0%
81.5% 82.7%	59.8 59.8	59.8 59.8	0.0	0.0%	81.5% 82.7%	51.2 51.0	51.2 51.0	0.0	0.0%	81.5%	44.4	44.3 44.1	-0.1	-0.2%	81.5% 82.7%	44.0 44.0	44.0	0.0	0.0%
82.7% 84.0%	59.8 59.7	59.8 59.7	0.0	0.0%	82.7% 84.0%	51.0 50.9	51.0	0.0	0.0%	82.7% 84.0%	44.3 44.3	44.1 44.0	-0.2	-0.5%	82.7% 84.0%	44.0 44.0	44.0 44.0	0.0	0.0%
85.2%	59.7	59.7	-0.1	-0.2%	85.2%	50.8	50.9	0.0	0.0%	85.2%	44.0	43.8	-0.2	-0.7%	85.2%	43.9	43.9	0.0	0.0%
86.4%	59.5	59.5	0.0	0.0%	86.4%	50.8	50.8	0.0	0.0%	86.4%	44.0	43.8	-0.2	-0.5%	86.4%	43.8	43.8	0.0	0.0%
87.7%	59.5	59.5 59.4	0.0	0.0%	87.7%	50.8	50.8	0.0	0.0%	87.7%	43.9	43.4	-0.2	-1.1%	87.7%	43.7	43.7	0.0	0.0%
88.9%	59.4	59.4	0.0	0.0%	88.9%	50.6	50.7	0.0	0.2%	88.9%	43.6	43.4	-0.2	-0.5%	88.9%	43.7	43.5	0.0	0.0%
90.1%	59.3	59.4	0.0	0.2%	90.1%	50.5	50.6	0.1	0.2%	90.1%	43.5	43.4	-0.2	-0.2%	90.1%	43.5	43.5	0.0	0.0%
91.4%	59.3	59.3	0.0	0.0%	91.4%	50.4	50.4	0.0	0.0%	91.4%	43.4	43.4	0.0	0.0%	91.4%	43.3	43.3	0.0	0.0%
92.6%	59.1	59.1	0.0	0.0%	92.6%	50.3	50.3	0.0	0.0%	92.6%	43.4	43.2	-0.2	-0.5%	92.6%	43.3	43.3	0.0	0.0%
93.8%	58.8	58.8	0.0	0.0%	93.8%	50.2	50.2	0.0	0.0%	93.8%	43.3	43.2	-0.2	-0.2%	93.8%	42.2	42.2	0.0	0.0%
95.1%	58.6	58.5	-0.1	-0.2%	95.1%	50.1	50.1	0.0	0.0%	95.1%	43.2	43.2	0.0	0.0%	95.1%	41.9	42.1	0.2	0.5%
96.3%	58.5	58.3	-0.2	-0.3%	96.3%	50.1	50.1	0.0	0.0%	96.3%	42.8	42.8	0.0	0.0%	96.3%	41.6	41.6	0.0	0.0%
97.5%	57.8	57.8	0.0	0.0%	97.5%	49.4	49.4	0.0	0.0%	97.5%	42.2	42.2	0.0	0.0%	97.5%	41.0	41.0	0.0	0.0%
98.8%	57.3	57.3	0.0	0.0%	98.8%	49.1	49.1	0.0	0.0%	98.8%	42.2	42.2	0.0	0.0%	98.8%	41.0	41.0	0.0	0.0%
100.0%	57.3	57.3	0.0	0.0%	100.0%	49.1	49.1	0.0	0.0%	100.0%	42.2	42.2	0.0	0.0%	100.0%	41.0	41.0	0.0	0.0%

Table SQ-17-9b

Feather River at the Mouth, Monthly Temperature

Probability of Exceedance

March

February

Percent		rebluary		_	Percent		warcn			Percent		Aprii			Percent		Iviay		
Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	54.1	54.1	0.0	0.0%	0.0%	59.2	59.2	0.0	0.0%	0.0%	66.1	66.2	0.1	0.2%	0.0%	74.4	74.6	0.2	0.3%
1.2%	53.1	53.1	0.0	0.0%	1.2%	58.8	58.8	0.0	0.0%	1.2%	65.8	65.8	0.0	0.0%	1.2%	73.5	73.9	0.4	0.5%
2.5% 3.7%	53.0 52.9	53.1 52.8	0.1 -0.1	0.2%	2.5% 3.7%	58.1 57.9	57.9 57.8	-0.2 -0.1	-0.3% -0.2%	2.5% 3.7%	65.8	65.5 65.5	-0.3 -0.1	-0.5% -0.2%	2.5% 3.7%	71.7 71.4	71.7 71.5	0.0	0.0%
4.9%	52.9 52.4	52.6	-0.1	-0.2% -0.2%	4.9%	57.9 57.6	57.6	-0.1	-0.2%	4.9%	65.6 65.5	65.4	-0.1	-0.2%	4.9%	71.4	71.5	0.0	0.0%
6.2%	52.3	52.3	0.0	0.0%	6.2%	57.3	57.4	0.1	0.2%	6.2%	64.8	65.0	0.2	0.3%	6.2%	70.1	70.1	0.0	0.0%
7.4%	52.2	52.2	0.0	0.0%	7.4%	57.2	57.3	0.1	0.2%	7.4%	64.6	64.8	0.2	0.3%	7.4%	69.9	69.9	0.0	0.0%
8.6%	52.2	52.1	-0.1	-0.2%	8.6%	57.2	57.2	0.0	0.0%	8.6%	64.3	64.6	0.3	0.5%	8.6%	69.5	69.8	0.3	0.4%
9.9%	52.1	52.1	0.0	0.0%	9.9%	57.1	57.0	-0.1	-0.2%	9.9%	64.3	64.6	0.3	0.5%	9.9%	69.4	69.5	0.1	0.1%
11.1%	52.1	52.1	0.0	0.0%	11.1%	56.6	56.7	0.1	0.2%	11.1%	64.3	64.3	0.0	0.0%	11.1%	69.2	69.2	0.0	0.0%
12.3%	52.1	51.9	-0.2	-0.4%	12.3%	56.6	56.6	0.0	0.0%	12.3%	64.0	64.2	0.2	0.3%	12.3%	69.1	69.1	0.0	0.0%
13.6%	51.7	51.7	0.0	0.0%	13.6%	56.6	56.6	0.0	0.0%	13.6%	63.9	64.0	0.1	0.2%	13.6%	69.1	69.1	0.0	0.0%
14.8%	51.6	51.7	0.1	0.2%	14.8%	56.5	56.6	0.1	0.2%	14.8%	63.8	63.8	0.0	0.0%	14.8%	69.0	69.1	0.1	0.1%
16.0% 17.3%	51.5 51.5	51.5 51.5	0.0	0.0%	16.0% 17.3%	56.4 56.3	56.5 56.4	0.1 0.1	0.2% 0.2%	16.0% 17.3%	63.3 63.2	63.3 63.2	0.0	0.0%	16.0% 17.3%	68.9 68.6	68.9 68.8	0.0 0.2	0.0%
18.5%	51.5	51.5	0.0	0.0%	18.5%	56.3	56.3	0.0	0.2%	18.5%	63.1	63.1	0.0	0.0%	18.5%	68.4	68.6	0.2	0.3%
19.8%	51.4	51.3	-0.1	-0.2%	19.8%	56.3	56.3	0.0	0.0%	19.8%	62.6	62.6	0.0	0.0%	19.8%	68.2	68.2	0.0	0.0%
21.0%	51.3	51.3	0.0	0.0%	21.0%	56.3	56.2	-0.1	-0.2%	21.0%	62.6	62.6	0.0	0.0%	21.0%	68.2	68.2	0.0	0.0%
22.2%	51.3	51.2	-0.1	-0.2%	22.2%	56.2	56.2	0.0	0.0%	22.2%	62.5	62.5	0.0	0.0%	22.2%	68.1	68.1	0.0	0.0%
23.5%	51.2	51.2	0.0	0.0%	23.5%	56.2	56.2	0.0	0.0%	23.5%	62.4	62.4	0.0	0.0%	23.5%	68.1	68.1	0.0	0.0%
24.7%	51.2	51.2	0.0	0.0%	24.7%	56.2	56.0	-0.2	-0.4%	24.7%	62.4	62.3	-0.1	-0.2%	24.7%	67.9	67.9	0.0	0.0%
25.9%	51.2	51.2	0.0	0.0%	25.9%	56.0	56.0	0.0	0.0%	25.9%	62.2	62.2	0.0	0.0%	25.9%	67.7	67.9	0.2	0.3%
27.2%	51.0	51.0	0.0	0.0%	27.2%	55.7	55.6	-0.1	-0.2%	27.2%	62.1	62.2	0.1	0.2%	27.2%	67.7	67.7	0.0	0.0%
28.4%	51.0 51.0	51.0 50.9	0.0	0.0%	28.4%	55.5 55.5	55.5 55.5	0.0	0.0%	28.4%	62.1 62.1	62.1 62.1	0.0	0.0%	28.4% 29.6%	67.5 67.5	67.7 67.5	0.2	0.3%
30.9%	51.0 50.8	50.9	-0.1 0.0	0.0%	30.9%	55.5 55.3	55.5 55.3	0.0	0.0%	29.6% 30.9%	62.1	62.1	0.0	0.0%	30.9%	67.5	67.5	0.0	0.0%
32.1%	50.8	50.8	0.0	0.0%	32.1%	55.2	55.2	0.0	0.0%	32.1%	61.4	61.4	0.0	0.0%	32.1%	67.4	67.5	0.0	0.1%
33.3%	50.7	50.7	0.0	0.0%	33.3%	55.2	55.2	0.0	0.0%	33.3%	61.4	61.4	0.0	0.0%	33.3%	67.4	67.4	0.0	0.0%
34.6%	50.6	50.6	0.0	0.0%	34.6%	55.2	55.1	-0.1	-0.2%	34.6%	61.3	61.3	0.0	0.0%	34.6%	67.2	67.4	0.2	0.3%
35.8%	50.6	50.6	0.0	0.0%	35.8%	55.1	55.1	0.0	0.0%	35.8%	61.3	61.3	0.0	0.0%	35.8%	67.2	67.2	0.0	0.0%
37.0%	50.4	50.4	0.0	0.0%	37.0%	55.1	55.0	-0.1	-0.2%	37.0%	61.3	61.3	0.0	0.0%	37.0%	67.2	67.2	0.0	0.0%
38.3%	50.4	50.4	0.0	0.0%	38.3%	55.0	55.0	0.0	0.0%	38.3%	61.2	61.2	0.0	0.0%	38.3%	67.1	67.1	0.0	0.0%
39.5%	50.4	50.4	0.0	0.0%	39.5%	55.0	54.9	-0.1	-0.2%	39.5%	61.1	61.1	0.0	0.0%	39.5%	67.0	67.0	0.0	0.0%
40.7%	50.4	50.4	0.0	0.0%	40.7%	54.9	54.9	0.0	0.0%	40.7%	61.0	61.0	0.0	0.0%	40.7%	67.0	67.0	0.0	0.0%
42.0% 43.2%	50.4 50.3	50.3 50.3	-0.1 0.0	-0.2% 0.0%	42.0% 43.2%	54.9 54.7	54.8 54.8	-0.1 0.1	-0.2% 0.2%	42.0% 43.2%	60.9 60.9	60.9 60.9	0.0	0.0%	42.0% 43.2%	67.0 66.9	67.0 66.9	0.0	0.0%
44.4%	50.2	50.2	0.0	0.0%	44.4%	54.7	54.7	0.0	0.2%	44.4%	60.9	60.9	0.0	0.0%	44.4%	66.9	66.9	0.0	0.0%
45.7%	50.2	50.1	-0.1	-0.2%	45.7%	54.7	54.7	0.0	0.0%	45.7%	60.8	60.8	0.0	0.0%	45.7%	66.8	66.8	0.0	0.0%
46.9%	50.1	50.1	0.0	0.0%	46.9%	54.6	54.6	0.0	0.0%	46.9%	60.8	60.8	0.0	0.0%	46.9%	66.6	66.6	0.0	0.0%
48.1%	50.1	50.1	0.0	0.0%	48.1%	54.6	54.6	0.0	0.0%	48.1%	60.8	60.8	0.0	0.0%	48.1%	66.5	66.5	0.0	0.0%
49.4%	50.1	50.1	0.0	0.0%	49.4%	54.5	54.5	0.0	0.0%	49.4%	60.7	60.7	0.0	0.0%	49.4%	66.4	66.4	0.0	0.0%
50.6%	50.1	50.1	0.0	0.0%	50.6%	54.5	54.5	0.0	0.0%	50.6%	60.6	60.6	0.0	0.0%	50.6%	66.4	66.4	0.0	0.0%
51.9%	50.0	50.0	0.0	0.0%	51.9%	54.4	54.4	0.0	0.0%	51.9%	60.6	60.6	0.0	0.0%	51.9%	66.4	66.4	0.0	0.0%
53.1% 54.3%	50.0 50.0	50.0 50.0	0.0	0.0%	53.1% 54.3%	54.4 54.3	54.4 54.3	0.0	0.0%	53.1% 54.3%	60.5 60.5	60.5 60.5	0.0	0.0%	53.1% 54.3%	66.4 66.4	66.4 66.3	0.0 -0.1	0.0% -0.2%
55.6%	50.0	49.9	-0.1	-0.2%	55.6%	54.3	54.3	0.0	0.0%	55.6%	60.4	60.4	0.0	0.0%	55.6%	66.3	66.2	-0.1	-0.2%
56.8%	49.9	49.9	0.0	0.0%	56.8%	54.2	54.2	0.0	0.0%	56.8%	60.3	60.4	0.0	0.0%	56.8%	66.2	66.2	0.0	0.0%
58.0%	49.9	49.9	0.0	0.0%	58.0%	54.2	54.2	0.0	0.0%	58.0%	60.2	60.3	0.1	0.2%	58.0%	66.2	66.1	-0.1	-0.2%
59.3%	49.8	49.8	0.0	0.0%	59.3%	54.2	54.2	0.0	0.0%	59.3%	60.0	60.2	0.2	0.3%	59.3%	66.1	66.0	-0.1	-0.2%
60.5%	49.6	49.6	0.0	0.0%	60.5%	54.2	54.2	0.0	0.0%	60.5%	60.0	60.0	0.0	0.0%	60.5%	66.0	66.0	0.0	0.0%
61.7%	49.6	49.6	0.0	0.0%	61.7%	53.9	53.9	0.0	0.0%	61.7%	59.9	59.9	0.0	0.0%	61.7%	65.8	65.9	0.1	0.2%
63.0%	49.6	49.6	0.0	0.0%	63.0%	53.8	53.8	0.0	0.0%	63.0%	59.9	59.9	0.0	0.0%	63.0%	65.7	65.7	0.0	0.0%
64.2%	49.4	49.4	0.0	0.0%	64.2%	53.7	53.7	0.0	0.0%	64.2%	59.7	59.8	0.1	0.2%	64.2%	65.6	65.6	0.0	0.0%
65.4%	49.4	49.4	0.0	0.0%	65.4%	53.7	53.7	0.0	0.0%	65.4%	59.5	59.6	0.1	0.2%	65.4%	65.3	65.3	0.0	0.0%
66.7% 67.9%	49.4 49.3	49.4 49.3	0.0	0.0%	66.7% 67.9%	53.7 53.6	53.7 53.7	0.0	0.0% 0.2%	66.7% 67.9%	59.5 59.5	59.5 59.5	0.0	0.0%	66.7% 67.9%	64.9 64.9	64.9 64.9	0.0	0.0%
69.1%	49.3	49.3	0.0	0.0%	69.1%	53.6	53.6	0.0	0.2%	69.1%	59.3	59.3	0.0	0.0%	69.1%	64.8	64.8	0.0	0.0%
70.4%	49.3	49.3	0.0	0.0%	70.4%	53.5	53.5	0.0	0.0%	70.4%	59.2	59.2	0.0	0.0%	70.4%	64.8	64.8	0.0	0.0%
71.6%	49.2	49.3	0.1	0.2%	71.6%	53.4	53.4	0.0	0.0%	71.6%	59.1	59.1	0.0	0.0%	71.6%	64.7	64.7	0.0	0.0%
72.8%	49.2	49.2	0.0	0.0%	72.8%	53.4	53.3	-0.1	-0.2%	72.8%	58.9	58.9	0.0	0.0%	72.8%	64.6	64.6	0.0	0.0%
74.1%	49.1	49.2	0.1	0.2%	74.1%	53.3	53.3	0.0	0.0%	74.1%	58.4	58.4	0.0	0.0%	74.1%	64.6	64.6	0.0	0.0%
75.3%	49.1	49.1	0.0	0.0%	75.3%	53.2	53.2	0.0	0.0%	75.3%	58.3	58.3	0.0	0.0%	75.3%	64.1	64.1	0.0	0.0%
76.5%	49.1	49.1	0.0	0.0%	76.5%	53.0	53.0	0.0	0.0%	76.5%	58.1	58.1	0.0	0.0%	76.5%	64.0	64.0	0.0	0.0%
77.8%	49.0	49.0	0.0	0.0%	77.8%	53.0	53.0	0.0	0.0%	77.8%	58.1	58.1	0.0	0.0%	77.8%	64.0	64.0	0.0	0.0%
79.0% 80.2%	48.9 48.9	48.9 48.9	0.0	0.0%	79.0% 80.2%	53.0 52.9	53.0 52.9	0.0	0.0%	79.0%	58.0 57.9	58.0 57.9	0.0	0.0%	79.0%	63.8 63.8	63.8 63.8	0.0	0.0%
80.2% 81.5%	48.9 48.9	48.9 48.9	0.0	0.0%	80.2% 81.5%	52.9 52.7	52.9 52.7	0.0	0.0%	80.2% 81.5%	57.9 57.8	57.9 57.8	0.0	0.0%	80.2% 81.5%	63.8 63.7	63.8	0.0	0.0%
82.7%	48.8	48.8	0.0	0.0%	82.7%	52.7	52.7	0.0	0.0%	82.7%	57.8	57.8	0.0	0.0%	82.7%	63.7	63.7	0.0	0.0%
84.0%	48.8	48.7	-0.1	-0.2%	84.0%	52.5	52.3	-0.2	-0.4%	84.0%	57.7	57.7	0.0	0.0%	84.0%	63.5	63.5	0.0	0.0%
85.2%	48.7	48.7	0.0	0.0%	85.2%	52.3	52.3	0.0	0.0%	85.2%	57.6	57.6	0.0	0.0%	85.2%	63.2	63.2	0.0	0.0%
86.4%	48.5	48.5	0.0	0.0%	86.4%	52.2	52.2	0.0	0.0%	86.4%	57.5	57.5	0.0	0.0%	86.4%	63.1	63.1	0.0	0.0%
87.7%	48.4	48.4	0.0	0.0%	87.7%	52.2	52.1	-0.1	-0.2%	87.7%	57.4	57.4	0.0	0.0%	87.7%	63.1	63.1	0.0	0.0%
88.9%	48.3	48.4	0.1	0.2%	88.9%	52.0	52.0	0.0	0.0%	88.9%	57.3	57.3	0.0	0.0%	88.9%	63.0	63.0	0.0	0.0%
90.1%	48.3	48.3	0.0	0.0%	90.1%	52.0	52.0	0.0	0.0%	90.1%	57.1	57.1	0.0	0.0%	90.1%	62.9	62.9	0.0	0.0%
91.4%	48.1	48.1	0.0	0.0%	91.4%	51.8	51.8	0.0	0.0%	91.4%	57.1	57.1	0.0	0.0%	91.4%	62.4	62.4	0.0	0.0%
92.6%	48.0	48.0	0.0	0.0%	92.6%	51.8	51.8	0.0	0.0%	92.6%	57.1	57.1	0.0	0.0%	92.6%	62.2	62.3	0.1	0.2%
93.8% 95.1%	48.0 48.0	48.0 48.0	0.0	0.0%	93.8% 95.1%	51.6 51.5	51.7 51.6	0.1	0.2%	93.8% 95.1%	56.8 56.5	56.8 56.5	0.0	0.0%	93.8% 95.1%	62.1 61.7	62.1 61.7	0.0	0.0%
	48.0 47.5	48.0 47.5	0.0	0.0%		51.5 51.5	51.6 51.5	0.1	0.2%		56.5 56.3	56.5 56.3	0.0	0.0%	95.1% 96.3%	61.7	61.6		0.0%
96.3% 97.5%	47.5 47.4	47.5 47.4	0.0	0.0%	96.3% 97.5%	51.5 51.5	51.5 51.5	0.0	0.0%	96.3% 97.5%	55.9	55.9	0.0	0.0%	96.3%	61.5	61.2	0.0	0.0%
98.8%	47.3	47.3	0.0	0.0%	98.8%	51.4	51.4	0.0	0.0%	98.8%	55.6	55.6	0.0	0.0%	98.8%	60.9	61.0	0.0	0.2%
100.0%	47.3	47.3	0.0	0.0%	100.0%	51.4	51.4	0.0	0.0%	100.0%	55.6	55.6	0.0	0.0%	100.0%	60.9	61.0	0.1	0.2%

Table SQ-17-9b

Feather River at the Mouth, Monthly Temperature

Probability of Exceedance

August

September

Percent	No Action Alternative	Alternative D	Absolute		Percent	No Action Alternation	Altamatica D	Abastata		Percent	No Antino Alternative	Alta-matica D	A h = = 1 - 4 =		Percent	No Action Alternation	Alternative D	Abarbas	
Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative
Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability		Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	75.7	76.3	0.6	0.8%	0.0%	77.4	78.4	1.0	1.3%	0.0%	78.2	78.1	-0.1	-0.1%	0.0%	73.9	74.0	0.1	0.1%
1.2%	75.5	75.7	0.2	0.3%	1.2%	77.0	76.9	-0.1	-0.1%	1.2%	77.0	77.0	0.0	0.0%	1.2%	73.1	72.8	-0.3	-0.4%
2.5%	75.5	75.4	-0.1	-0.1%	2.5%	76.4	76.3	-0.1	-0.1%	2.5%	77.0	76.7	-0.3	-0.4%	2.5%	72.9	72.1	-0.8	-1.1%
3.7%	75.1	75.2	0.1	0.1%	3.7%	76.4	76.0	-0.4	-0.5%	3.7%	76.7	76.5	-0.2	-0.3%	3.7%	72.4	72.1	-0.3	-0.4%
4.9%	75.0	74.8	-0.2	-0.3%	4.9%	76.3	75.6	-0.7	-0.9%	4.9%	76.3	75.9	-0.4	-0.5%	4.9%	72.2	72.1	-0.1	-0.1%
6.2%	74.6	74.7	0.1	0.1%	6.2%	76.3	75.6	-0.7	-0.9%	6.2%	76.0	75.9	-0.1	-0.1%	6.2%	72.1	72.0	-0.1	-0.1%
7.4%	74.6	74.7	0.1	0.1%	7.4%	76.1	75.6	-0.5	-0.7%	7.4%	75.9	75.7	-0.2	-0.3%	7.4%	71.9	71.8	-0.1	-0.1%
8.6%	74.6	74.6	0.0	0.0%	8.6%	75.5	75.2	-0.3	-0.4%	8.6%	75.9	75.5	-0.4	-0.5%	8.6%	71.9	71.8	-0.1	-0.1%
9.9%	74.1	74.4	0.3	0.4%	9.9%	75.3	75.2	-0.1	-0.1%	9.9%	75.7	75.2	-0.5	-0.7%	9.9%	71.9	71.8	-0.1	-0.1%
11.1% 12.3%	73.8 73.7	74.0 73.9	0.2	0.3%	11.1% 12.3%	75.1 75.1	75.1 75.1	0.0	0.0%	11.1% 12.3%	75.7 75.4	75.2 75.1	-0.5 -0.3	-0.7% -0.4%	11.1% 12.3%	71.9 71.7	71.6 71.6	-0.3 -0.1	-0.4% -0.1%
13.6%	73.6	73.8	0.2	0.3%	13.6%	75.0	75.0	0.0	0.0%	13.6%	75.2	75.1	-0.1	-0.1%	13.6%	71.7	71.6	-0.1	-0.1%
14.8%	73.5	73.7	0.2	0.3%	14.8%	74.8	74.8 74.8	0.0	0.0%	14.8% 16.0%	74.4	74.7	0.3	0.4%	14.8%	71.5	71.5	0.0	0.0%
16.0% 17.3%	73.4 73.2	73.4 73.4	0.0 0.2	0.0%	16.0% 17.3%	74.8 74.6	74.8	0.0 0.1	0.0%	16.0%	74.4 74.3	74.7 74.6	0.3 0.3	0.4%	16.0% 17.3%	71.3 71.2	71.5 71.4	0.2	0.3%
										18.5%								0.2	0.3%
18.5% 19.8%	73.2 73.2	73.3 73.2	0.1	0.1%	18.5% 19.8%	74.6 74.5	74.7 74.2	0.1 -0.3	0.1% -0.4%	18.5%	74.3 74.1	74.4 74.2	0.1 0.1	0.1%	18.5% 19.8%	71.1 71.0	71.2 71.1	0.1	0.1%
21.0%	73.2	73.2	0.0	0.0%	21.0%	74.5	74.2	-0.3	-0.4%	21.0%	73.9	74.2	0.1	0.4%	21.0%	70.8	71.0	0.1	0.1%
22.2%	73.2	73.2	0.0	0.0%	22.2%	74.1	74.1	0.0	0.0%	22.2%	73.8	74.2	0.3	0.5%	22.2%	70.8	70.6	-0.2	-0.3%
23.5%	73.2	73.1	-0.1	-0.1%	23.5%	74.1	74.1	0.0	0.0%	23.5%	73.7	74.2	0.4	0.5%	23.5%	70.6	70.6	-0.2	-0.1%
24.7%	72.9	73.0	0.1	0.1%	24.7%	74.1	74.1	0.0	0.0%	24.7%	73.6	74.0	0.4	0.5%	24.7%	70.5	70.5	0.0	0.0%
25.9%	72.9	73.0	0.1	0.1%	25.9%	74.0	74.1	0.0	0.1%	25.9%	73.6	73.7	0.4	0.1%	25.9%	70.5	70.4	0.0	0.0%
25.9%	72.8	72.9	0.1	0.1%	25.9%	74.0	74.1	0.0	0.1%	27.2%	73.5	73.7	0.1	0.1%	25.9%	70.4	70.4	-0.1	-0.1%
28.4%	72.8	72.9	0.1	0.1%	28.4%	73.9	74.0	0.0	0.1%	28.4%	73.5	73.6	0.2	0.3%	28.4%	70.2	70.1	-0.1	-0.1%
29.6%	72.7	72.8	0.1	0.1%	29.6%	73.9	74.0	0.1	0.1%	29.6%	73.5	73.5	0.0	0.1%	29.6%	70.1	70.0	-0.1	-0.1%
30.9%	72.4	72.5	0.1	0.1%	30.9%	73.9	73.9	0.0	0.1%	30.9%	73.5	73.4	0.0	0.0%	30.9%	70.1	69.9	-0.1	-0.1%
32.1%	72.3	72.5	0.1	0.1%	32.1%	73.9	73.7	-0.2	-0.3%	32.1%	73.3	73.4	0.0	0.1%	32.1%	69.9	69.9	0.0	0.0%
33.3%	72.3	72.4	0.1	0.1%	33.3%	73.9	73.7	-0.2	-0.3%	33.3%	73.2	73.1	-0.1	-0.1%	33.3%	69.8	69.9	0.1	0.1%
34.6%	72.2	72.3	0.1	0.1%	34.6%	73.6	73.7	0.1	0.1%	34.6%	73.2	73.0	-0.1	-0.3%	34.6%	69.7	69.9	0.1	0.3%
35.8%	72.2	72.3	0.1	0.1%	35.8%	73.6	73.6	0.0	0.0%	35.8%	73.1	73.0	-0.1	-0.1%	35.8%	69.6	69.8	0.2	0.3%
37.0%	72.1	72.1	0.0	0.0%	37.0%	73.5	73.6	0.1	0.1%	37.0%	72.9	72.9	0.0	0.0%	37.0%	69.6	69.7	0.1	0.1%
38.3%	72.1	72.1	0.0	0.0%	38.3%	73.5	73.5	0.0	0.0%	38.3%	72.9	72.8	-0.1	-0.1%	38.3%	69.5	69.5	0.0	0.0%
39.5%	72.1	72.1	0.0	0.0%	39.5%	73.4	73.5	0.1	0.1%	39.5%	72.8	72.7	-0.1	-0.1%	39.5%	69.4	69.3	-0.1	-0.1%
40.7%	72.0	72.1	0.1	0.1%	40.7%	73.4	73.5	0.1	0.1%	40.7%	72.8	72.4	-0.4	-0.5%	40.7%	69.2	69.1	-0.1	-0.1%
42.0%	72.0	72.1	0.1	0.1%	42.0%	73.4	73.4	0.0	0.0%	42.0%	72.8	72.4	-0.4	-0.5%	42.0%	69.1	69.1	0.0	0.0%
43.2%	71.9	72.1	0.2	0.3%	43.2%	73.3	73.4	0.1	0.1%	43.2%	72.7	72.4	-0.3	-0.4%	43.2%	69.0	68.8	-0.2	-0.3%
44.4%	71.9	72.1	0.2	0.3%	44.4%	73.3	73.4	0.1	0.1%	44.4%	72.6	72.3	-0.3	-0.4%	44.4%	69.0	68.8	-0.2	-0.3%
45.7%	71.7	72.0	0.3	0.4%	45.7%	73.3	73.3	0.0	0.0%	45.7%	72.6	72.3	-0.3	-0.4%	45.7%	68.9	68.4	-0.5	-0.7%
46.9%	71.7	72.0	0.3	0.4%	46.9%	73.2	73.3	0.1	0.1%	46.9%	72.6	72.3	-0.3	-0.4%	46.9%	68.9	68.4	-0.5	-0.7%
48.1%	71.7	71.9	0.2	0.3%	48.1%	73.2	73.3	0.1	0.1%	48.1%	72.6	72.3	-0.3	-0.4%	48.1%	68.8	68.3	-0.5	-0.7%
49.4%	71.6	71.7	0.1	0.1%	49.4%	73.1	73.3	0.2	0.3%	49.4%	72.6	72.2	-0.4	-0.6%	49.4%	68.4	68.3	-0.1	-0.1%
50.6%	71.5	71.7	0.2	0.3%	50.6%	73.0	73.2	0.2	0.3%	50.6%	72.5	72.1	-0.4	-0.6%	50.6%	68.3	68.3	0.0	0.0%
51.9%	71.4	71.7	0.3	0.4%	51.9%	73.0	73.2	0.2	0.3%	51.9%	72.3	72.1	-0.2	-0.3%	51.9%	68.3	68.3	0.0	0.0%
53.1%	71.3	71.6	0.3	0.4%	53.1%	73.0	73.2	0.2	0.3%	53.1%	72.3	72.1	-0.2	-0.3%	53.1%	68.3	67.9	-0.4	-0.6%
54.3%	71.3	71.6	0.3	0.4%	54.3%	73.0	73.1	0.1	0.1%	54.3%	72.3	72.0	-0.3	-0.4%	54.3%	68.2	67.9	-0.3	-0.4%
55.6%	71.1	71.5	0.4	0.6%	55.6%	72.8	73.1	0.3	0.4%	55.6%	72.2	71.9	-0.3	-0.4%	55.6%	68.0	67.7	-0.3	-0.4%
56.8%	71.1	71.5	0.4	0.6%	56.8%	72.7	72.9	0.2	0.3%	56.8%	71.9	71.8	-0.1	-0.1%	56.8%	67.9	67.7	-0.2	-0.3%
58.0%	71.0	71.5	0.5	0.7%	58.0%	72.7	72.9	0.2	0.3%	58.0%	71.9	71.8	-0.1	-0.1%	58.0%	67.8	67.6	-0.2	-0.3%
59.3%	71.0	71.4	0.4	0.6%	59.3%	72.6	72.8	0.2	0.3%	59.3%	71.8	71.6	-0.2	-0.3%	59.3%	67.8	67.4	-0.4	-0.6%
60.5%	70.9	71.0	0.1	0.1%	60.5%	72.6	72.7	0.1	0.1%	60.5%	71.7	71.5	-0.2	-0.3%	60.5%	67.7	67.2	-0.5	-0.7%
61.7%	70.8	70.8	0.0	0.0%	61.7%	72.6	72.7	0.1	0.1%	61.7%	71.6	71.4	-0.2	-0.3%	61.7%	67.7	67.2	-0.5	-0.7%
63.0%	70.8	70.8	0.0	0.0%	63.0%	72.6	72.7	0.1	0.1%	63.0%	71.6	71.4	-0.2	-0.3%	63.0%	67.7	67.2	-0.5	-0.7%
64.2%	70.7	70.7	0.0	0.0%	64.2%	72.6	72.7	0.1	0.1%	64.2%	71.6	71.3	-0.3	-0.4%	64.2%	67.2	67.0	-0.2	-0.3%
65.4%	70.6	70.6	0.0	0.0%	65.4%	72.6	72.6	0.0	0.0%	65.4%	71.5	71.3	-0.2	-0.3%	65.4%	67.2	66.8	-0.4	-0.6%
66.7%	70.6	70.6	0.0	0.0%	66.7%	72.5	72.6	0.1	0.1%	66.7%	71.3	71.3	0.0	0.0%	66.7%	67.2	66.8	-0.4	-0.6%
67.9%	70.3	70.3	0.0	0.0%	67.9%	72.3	72.6	0.3	0.4%	67.9%	71.3	71.2	-0.1	-0.1%	67.9%	67.2	66.7	-0.5	-0.7%
69.1% 70.4%	70.1 70.1	70.1 70.0	0.0 -0.1	0.0%	69.1% 70.4%	72.2 72.2	72.3 72.3	0.1 0.1	0.1% 0.1%	69.1% 70.4%	71.3 71.2	71.2 71.1	-0.1 -0.1	-0.1% -0.1%	69.1% 70.4%	67.2 67.1	66.7 66.7	-0.5 -0.4	-0.7% -0.6%
70.4%	70.1	70.0	-0.1	-0.1%	70.4%	72.2	72.3	0.1		70.4%	71.2	71.1		-0.1%	70.4%	67.1	66.7	-0.4	
71.6%	70.1	70.0	-0.1	-0.1%	71.6%	72.1 72.0	72.3 72.2	0.2	0.3%	71.6%	71.2 71.1	71.1 71.0	-0.1 -0.1	-0.1% -0.1%	71.6%	66.9	66.6	-0.4	-0.6% -0.4%
74.1%	70.0	69.9	-0.1	-0.1%	74.1%	72.0	72.1	0.2	0.1%	74.1%	71.1	70.9	-0.1	-0.1%	74.1%	66.9	66.5	-0.3	-0.6%
75.3%	69.6	69.8	0.2	0.3%	75.3%	71.9	72.0	0.1	0.1%	75.3%	71.0	70.9	-0.1	-0.1%	75.3%	66.7	66.4	-0.4	-0.4%
76.5%	69.6	69.6	0.0	0.0%	76.5%	71.9	71.9	0.0	0.0%	76.5%	70.8	70.9	0.1	0.1%	76.5%	66.7	66.3	-0.4	-0.4%
77.8%	69.5	69.6	0.1	0.1%	77.8%	71.9	71.9	0.0	0.0%	77.8%	70.8	70.8	0.0	0.0%	77.8%	66.7	66.3	-0.4	-0.6%
79.0%	69.5	69.4	-0.1	-0.1%	79.0%	71.9	71.9	0.0	0.0%	79.0%	70.8	70.8	0.0	0.1%	79.0%	66.6	66.3	-0.4	-0.5%
80.2%	69.4	69.3	-0.1	-0.1%	80.2%	71.9	71.9	0.0	0.0%	80.2%	70.7	70.7	0.0	0.0%	80.2%	66.5	66.2	-0.3	-0.5%
81.5%	69.4	69.3	-0.1	-0.1%	81.5%	71.8	71.9	0.1	0.1%	81.5%	70.5	70.6	0.1	0.1%	81.5%	66.4	66.2	-0.2	-0.3%
82.7%	69.2	69.0	-0.2	-0.3%	82.7%	71.7	71.8	0.1	0.1%	82.7%	70.5	70.6	0.1	0.1%	82.7%	66.1	66.1	0.0	0.0%
84.0%	69.0	69.0	0.0	0.0%	84.0%	71.7	71.8	0.1	0.1%	84.0%	70.3	70.5	0.1	0.3%	84.0%	66.0	66.1	0.0	0.2%
85.2%	69.0	68.9	-0.1	-0.1%	85.2%	71.6	71.7	0.1	0.1%	85.2%	70.3	70.5	0.2	0.3%	85.2%	66.0	66.1	0.1	0.2%
86.4%	69.0	68.8	-0.2	-0.3%	86.4%	71.5	71.7	0.2	0.3%	86.4%	70.3	70.3	0.0	0.0%	86.4%	65.9	66.0	0.1	0.2%
87.7%	68.9	68.8	-0.1	-0.1%	87.7%	71.1	71.4	0.3	0.4%	87.7%	70.1	70.2	0.0	0.1%	87.7%	65.6	65.9	0.3	0.5%
88.9%	68.5	68.5	0.0	0.0%	88.9%	71.0	71.1	0.1	0.1%	88.9%	70.0	70.2	0.2	0.3%	88.9%	65.5	65.8	0.3	0.5%
90.1%	68.4	68.4	0.0	0.0%	90.1%	70.9	71.0	0.1	0.1%	90.1%	70.0	70.1	0.1	0.1%	90.1%	65.5	65.5	0.0	0.0%
91.4%	67.8	67.8	0.0	0.0%	91.4%	70.9	70.9	0.0	0.0%	91.4%	69.9	70.0	0.1	0.1%	91.4%	65.4	65.5	0.1	0.2%
92.6%	67.4	67.4	0.0	0.0%	92.6%	70.9	70.9	0.0	0.0%	92.6%	69.8	69.9	0.1	0.1%	92.6%	65.2	65.4	0.2	0.3%
93.8%	67.4	67.4	0.0	0.0%	93.8%	70.7	70.8	0.1	0.1%	93.8%	69.6	69.9	0.3	0.4%	93.8%	64.9	65.0	0.1	0.2%
95.1%	67.4	67.4	0.0	0.0%	95.1%	70.7	70.7	0.0	0.0%	95.1%	69.6	69.7	0.1	0.1%	95.1%	63.8	63.8	0.0	0.0%
96.3%	67.0	66.8	-0.2	-0.3%	96.3%	70.5	70.5	0.0	0.0%	96.3%	69.5	69.5	0.0	0.0%	96.3%	63.4	63.4	0.0	0.0%
97.5%	65.8	65.8	0.0	0.0%	97.5%	70.5	70.4	-0.1	-0.1%	97.5%	69.3	69.2	-0.1	-0.1%	97.5%	63.1	63.1	0.0	0.0%
98.8%	65.7	65.7	0.0	0.0%	98.8%	70.4	70.2	-0.2	-0.3%	98.8%	69.0	69.0	0.0	0.0%	98.8%	63.0	63.0	0.0	0.0%
100.0%	65.7	65.7	0.0	0.0%	100.0%	70.4	70.2	-0.2	-0.3%	100.0%	69.0	69.0	0.0	0.0%	100.0%	63.0	63.0	0.0	0.0%

Table SQ-18-9a American River below Nimbus Dam, Monthly Temperature Long-term Average and Average by Water Year Type

Monthly Temperature (DEG-F) Analysis Period Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Long-term													
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
				Loi	ng-term								
Full Simulation Period ¹													
No Action Alternative	59.8	57.3	50.0	46.6	48.5	53.0	57.5	61.8	66.1	67.5	68.2	66.4	
Alternative D	59.6	57.4	50.1	46.6	48.5	53.1	57.5	61.7	66.2	67.6	68.1	66.3	
Difference	-0.2	0.1	0.1	0.0	0.0	0.0	0.0	-0.1	0.1	0.1	-0.1	0.0	
Percent Difference ³	-0.4%	0.2%	0.3%	0.1%	-0.1%	0.1%	0.0%	-0.2%	0.1%	0.1%	-0.2%	-0.19	
				Water Y	ear Types								
Wet (32%)													
No Action Alternative	58.6	58.0	50.7	46.6	48.0	52.1	55.8	59.8	63.9	67.0	67.3	65.2	
Alternative D	58.4	58.1	50.8	46.6	48.0	52.1	55.7	59.8	63.9	67.0	67.1	65.3	
Difference	-0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.1	
Percent Difference	-0.3%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.2%	0.19	
Above Normal (15%)													
No Action Alternative	58.3	56.8	49.8	46.7	48.2	52.8	57.1	61.1	65.6	66.6	67.8	65.	
Alternative D	58.1	56.8	49.9	46.8	48.1	52.9	57.1	61.1	65.6	66.7	67.8	65.9	
Difference	-0.2	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2	
Percent Difference	-0.4%	0.0%	0.2%	0.1%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.39	
Below Normal (17%)													
No Action Alternative	58.1	57.0	50.1	46.2	47.4	52.9	57.5	61.1	65.7	66.3	68.3	66.6	
Alternative D	57.9	57.1	50.2	46.2	47.4	53.1	57.4	61.1	65.6	66.8	68.0	66.4	
Difference	-0.2	0.1	0.1	0.0	-0.1	0.2	-0.1	-0.1	-0.1	0.4	-0.3	-0.2	
Percent Difference	-0.3%	0.1%	0.1%	0.1%	-0.1%	0.4%	-0.1%	-0.2%	-0.2%	0.6%	-0.4%	-0.49	
Dry (22%)													
No Action Alternative	60.5	57.2	49.7	46.5	48.8	53.3	58.5	63.9	67.9	67.5	68.2	66.8	
Alternative D	59.9	57.3	49.9	46.5	48.7	53.4	58.7	63.7	68.0	67.6	68.2	66.9	
Difference	-0.6	0.1	0.2	0.0	-0.2	0.1	0.2	-0.2	0.1	0.1	0.0	0.1	
Percent Difference	-1.0%	0.2%	0.5%	0.0%	-0.3%	0.2%	0.3%	-0.3%	0.2%	0.2%	0.0%	0.19	
Critical (15%)	•	•	•	•				•			•		
No Action Alternative	64.8	56.8	48.7	46.9	50.2	54.7	59.6	64.3	68.9	71.1	70.4	68.3	
Alternative D	65.0	57.0	48.8	46.9	50.4	54.5	59.5	64.1	69.2	71.1	70.3	67.5	
Difference	0.1	0.2	0.1	0.1	0.1	-0.2	-0.1	-0.2	0.3	0.0	-0.1	-0.4	
Percent Difference	0.2%	0.3%	0.3%	0.1%	0.3%	-0.4%	-0.2%	-0.3%	0.4%	0.0%	-0.2%	-0.6	



Figure SQ-18-9b

American River below Nimbus Dam, Monthly Temperature

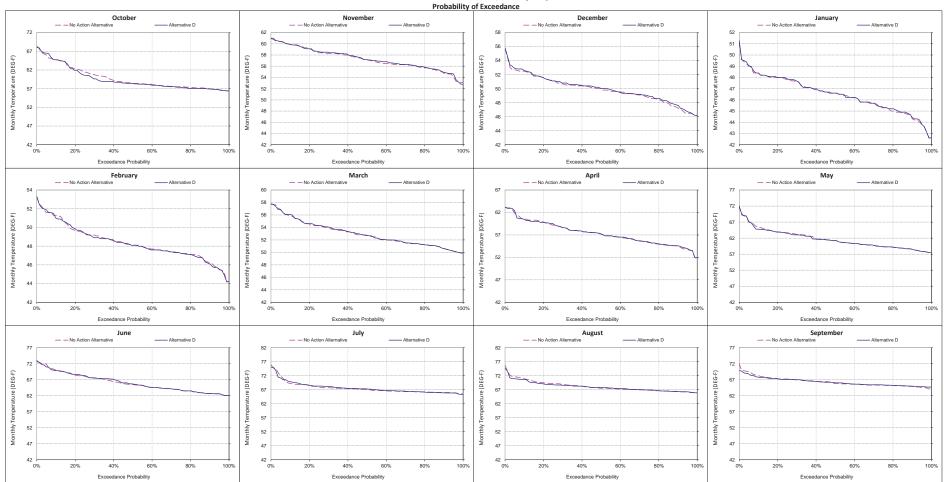


Table SQ-18-9b American River below Nimbus Dam, Monthly Temperature Probability of Exceedance

Octobe Novembe January Percent Percent Percent Percent No Action Alternative Alternative D Absolute Relative Relative Relative Relative Exceedance Exceedance Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG.E) (DEG-F) (DEG-F) (%) (DEG-F) ____(%) (DEG-F) (%) 0.0% (DEG-F) 0.0% 68.4 68.0 -0.4 -0.6% 0.0% 60.9 61.0 0.2% 0.0% 55.7 55.8 0.2% 51.2 51.3 0.2% 1.2% 67.7 67.9 0.2 0.3% 1.2% 60.8 61.0 0.2 0.3% 1.2% 54.5 54.6 0.1 0.2% 1.2% 49.6 49.6 0.0 0.0% 2.5% 66.7 66.9 0.3% 2.5% 60.5 60.6 0.2% 2.5% 53.1 53.4 0.6% 2.5% 49.4 49.5 0.2% 3.7% 3.7% 66.3 66.6 0.3 0.5% 3.7% 60.5 60.5 0.0 0.0% 3.7% 52.7 53.2 0.5 0.9% 49.2 49.4 0.2 0.4% 4.9% 66.0 66.5 0.5 0.8% 4.9% 60.4 60.4 0.0 0.0% 4.9% 52.7 52.9 0.2 0.4% 4.9% 49.1 49.0 -0.1 -0.2% 6.2% 6.2% 6.2% 6.2% 65.2 66.4 1.2 1.8% 60.4 60.3 -0.1 -0.2% 52.6 52.8 0.2 0.4% 48.9 49.0 0.1 0.2% 7.4% 65.1 64.8 0.3 0.5% 7.4% 60.0 60.1 0.2% 7.4% 52.5 0.6% 7.4% 48.4 48.6 0.2 0.4% 8.6% 8.6% 8.6% 8.6% 64.8 0.0 0.0% 60.0 60.0 0.0 0.0% 52.5 52.8 0.3 0.6% 48.4 48.4 0.0% 9.9% 11.1% 12.3% 9.9% -0.2% 0.0% 0.2% 0.0% 11.1% 12.3% 64.6 64.7 0.1 0.2% 11.1% 59.8 59.8 0.0 0.0% 11.1% 52.4 52.5 0.1 0.2% 48.2 48.2 0.0 0.0% 13.6% 13.6% 13.6% 0.2% 13.6% 0.0% 64.4 64.4 0.0 0.0% 59.7 59.8 0.1 52 1 523 0.2 0.4% 48.2 48.2 0.0 16.0% 16.0% 16.0% 16.0% 62.9 63.5 0.6 1.0% 59.6 59.4 -0.2 -0.3% 51.9 51.8 -0.1 -0.2% 48.0 48.1 0.1 0.2% 18.5% 18.5% -0.3% 18.5% 18.5% 0.1 0.2% 62.6 62.4 -0.2 -0.3% 59.3 59.1 -0.2 51.7 51.7 0.0 0.0% 48.0 48.1 19.8% 21.0% 62.3 62.2 -0.6% 59.1 0.0 19.8% 21.0% 0.0 0.0% 19.8% 21.0% 0.0 21.0% 61.9 -0.3 -0.5% 59.0 59.1 0.2% 51.4 51.4 48.0 48.0 0.0% 22.2% 23.5% -1.3% 22.2% 23.5% 0.0% 22.2% 23.5% 22.2% 23.5% 48 N 0.0 61.8 58.7 51.2 0.0 60.8 -1.0 -1.6% 58.6 0.1 0.2% 51.2 0.0% 47.9 48.0 0.2% 24.7% 25.9% 61.4 61.4 -0.8 24.7% 25.9% 24.7% 25.9% 24.7% 25.9% -1.3% 58.6 0.2 -0.1 0.0 -0.2% 47 S 47 Q 0.1 0.2% 58.4 58.5 0.2% 51.1 51.1 47.8 47.8 0.0% 60.5 -1.5% 0.0% 27.2% 28.4% 27.2% 28.4% 27.2% 28.4% 61.1 -1.0% 27.2% 58.4 58.5 0.2% 50.8 0.2 47 7 47.8 0.1 60.9 -0.8 -1.3% 28.4% 58.3 58.5 0.2 0.3% 51.0 0.2 0.4% 47.7 47.8 0.2% 60.1 50.8 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 60.8 60.6 -2.0% -1.7% 0.2% 47.7 0.2% 0.2% 50.8 47.6 50.6 32.1% 60.5 59.2 -2.1% 32.1% 58.3 58.4 0.2% 32.1% 50.5 50.8 0.3 0.6% 32.1% 47.3 47.3 0.0 0.0% 33.3% 60.4 -1.4 -2.3% 33.3% 0.2% 33.3% 50.5 0.1 0.2% 33.3% 47.1 -0.2 -0.4% 34.6% 60.3 -2.3% 34.6% 58.2 58.3 0.2% 34.6% 50.5 50.6 0.2% 34.6% 47.1 47.1 0.0 0.0% 35.8% -2.2% 35.8% 0.2% 35.8% 35.8% 58.3 0.2% 47.1 47.1 0.0% 37.0% 59.8 -0.9 -1.5% 37.0% 58.3 0.3% 37.0% 50.4 50.6 0.2 0.4% 37.0% 47.1 47.1 0.0 0.0% 38.3% 59.5 -1.0% 38.3% 58.2 38.3% 38.3% 47.0 47.0 0.0 0.3% 0.2% 0.0% 39.5% 59.3 58.9 -0.4 -0.7% 39.5% 58.0 58.2 0.2 0.3% 39.5% 50.4 50.5 0.2% 39.5% 47.0 46.9 -0.1 -0.2% 40.7% 59.1 58.7 -0.4 -0.7% 40.7% 57.9 57.9 0.0% 40.7% 50.4 50.4 0.0 0.0% 40.7% 47.0 46.9 -0.1 -0.2% 42.0% 58.9 58.7 -0.2-0.3% 42.0% 57.7 57.9 0.3% 42.0% 50.3 50.4 0.1 0.2% 42.0% 46.8 46.8 0.0 0.0% 0.0% 43.2% 58.9 58.7 -0.2 -0.3% 43.2% 57.7 57.8 0.1 0.2% 43.2% 50.3 50.4 0.1 0.2% 43.2% 46.8 46.8 0.0 44.4% 58.8 58.5 -0.3 -0.5% 44.4% 57.6 57.7 0.2% 44.4% 50.2 50.4 0.4% 44.4% 46.7 46.7 0.0 0.0% 45.7% 45.7% 45.7% 58.6 58.5 -0.1 -0.2% 57.5 57.6 0.1 0.2% 50.1 50.3 0.2 0.4% 45.7% 46.7 46.7 0.0 0.0% -0.1 46.9% 58.6 58.4 -0.3% 46.9% 57.4 57.5 0.2% 46.9% 50.1 50.2 0.2% 46.9% 46.7 46.6 -0.2% 48.1% 49.4% 58.6 58.4 -0.2 -0.3% 48.1% 57.2 57.2 0.0 0.0% 48.1% 50.0 50.2 0.2 0.4% 48.1% 46.6 46.6 0.0 0.0% 0.0% 49.4% 57.2 0.0% 49.4% 50.0 0.2% 49.4% 46.6 46.6 0.0 0.0% 50.6% 50.6% 50.6% 50.6% 58.4 58.3 -0.1 -0.2% 57.1 57.1 0.0 0.0% 49.8 50.0 0.2 0.4% 46.6 46.6 0.0 0.0% 51.9% 58.4 58.4 -0.1-0.2% -0.3% 51.9% 0.2% 49.8 0.2 0.4% 51.9% 53.1% 46.5 46.5 0.0 0.0% 53.1% 53.1% 53.1% -0.2 0.1 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0.0%

Table SQ-18-9b
American River below Nimbus Dam, Monthly Temperature
Probability of Exceedance

Processor Proc								r	of Exceedance	Probability									
		May		Doroont			April		Doroont			March		Doroont			February		Dorgont
Policy More Properties More Properti	Absolute Rela	Alternative D	No Action Alternative		Relative		Alternative D	No Action Alternative		Relative		Alternative D	No Action Alternative		Relative		Alternative D	No Action Alternative	
OFF	Difference Differen	Monthly Temperature	Monthly Temperature	Probability			Monthly Temperature	Monthly Temperature				Monthly Temperature	Monthly Temperature				Monthly Temperature		
12% 525 925 930 937 937 937 937 930 938	(DEG-F)			(%)					(%)					(%)			(DEG-F)		(%)
200 201 201 202 204 205 206 207	-0.3 -0.4 0.5 0.7			0.0%					0.0%	0.2%				0.0%					0.0%
3.7% 519 520 51 52% 3.7% 571 569 42 0.4% 3.7% 602 50% 53.7% 602 50% 53.7% 602 50% 53.7% 602 50% 53.7% 602 50% 53.7% 602 50% 53.7% 602 50% 53.7% 602 50% 53.7% 602 50% 53.7% 602 50% 53.7% 602 50% 53.7% 602 50% 53.7% 50.00 50% 53.7% 50.00 50.00 50% 53.7% 50.00 50.00 50% 53.7% 50.00 50.00 50% 53.7% 50.00 50.0	0.5 0.7 -0.2 -0.3																		
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7.4% 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6	-0.2 -0.3	67.0	67.2					61.9					56.9				51.9	51.6	
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199% 497 499 0.2 0.4% 199% 546 546 0.0 0.0% 199% 599 598 0.1 -0.2% 199% 539 639 633 219% 546 546 0.3 0.6% 219% 597 597 0.0 0.0% 219% 539 639 639 639 639 639 639 639 639 639 6	0.0 0.0																		
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	0.0 0.0	59.9	59.9	67.9%	0.0%	0.0	55.8	55.8	67.9%	0.2%	0.1	51.8	51.7	67.9%	0.0%	0.0	47.5	47.5	67.9%
69.1% 47.4 47.4 0.0 0.0% 69.1% 51.6 51.6 0.0 0.0% 69.1% 55.7 55.7 0.0 0.0% 69.1% 59.9 59.9 70.4% 47.4 47.4 0.0 0.0% 70.4% 51.5 51.5 0.0 0.0% 70.4% 55.6 55.7 0.1 0.2% 70.4% 59.7 59.7	0.0 0.0					0.0	55.7		69.1%	0.0%	0.0							47.4	69.1%
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Table SQ-18-9b American River below Nimbus Dam, Monthly Temperature Probability of Exceedance

August

September

Percent Percent Percent Percent No Action Alternative Alternative D Absolute Relative Relative Relative Relative Exceedance Exceedance Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG₂E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) 0.0% 72.6 0.4 0.6% 0.0% 75.9 -0.9 0.0% 75.7 74.6 -1.5% 69.8 -2.9% 1.2% 72.4 72.4 0.0 0.0% 1.2% 74.7 75.0 0.3 0.4% 1.2% 73.6 73.6 0.0 0.0% 1.2% 69.9 69.7 -0.2 -0.3% 2.5% 72.1 71.8 -0.4% 2.5% 74.6 73.9 -0.9% 2.5% 71.2 -1.4% 2.5% 69.8 69.1 -1.0% 3.7% 3.7% 72.0 71.6 -0.4 -0.6% 3.7% 73.1 71.5 -1.6 -2.2% 3.7% 71.7 71.0 -0.7 -1.0% 69.6 69.0 -0.6 -0.9% 4.9% 71.9 71.0 -0.9 -1.3% 4.9% 71.9 71.2 -0.7 -1.0% 4.9% 71.6 70.9 -0.7 -1.0% 4.9% 69.5 68.8 -0.7 -1.0% 6.2% 6.2% 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62.9 0.0% 86.4% 66.0 0.0% 86.4% 66.4 66.4 0.0% 86.4% 65.0 65.1 0.1 0.2% 87.7% 62.8 62.7 -0.1 -0.2% 87.7% 66.0 65.9 -0.1 -0.2% 87.7% 66.4 66.4 0.0 0.0% 87.7% 65.0 65.0 0.0 0.0% 88.9% 62.7 62.7 0.0 0.0% 88.9% 66.0 65.9 -0.1 -0.2% 88.9% 66.4 66.3 -0.1 -0.2% 88.9% 64.9 65.0 0.1 0.2% 90.1% 62.7 62.7 0.0 0.0% 90.1% 66.0 65.9 -0.1 -0.2% 90.1% 66.3 66.3 0.0 0.0% 90.1% 64.9 65.0 0.1 0.2% 91.4% 62.7 91.4% 65.8 -0.3% 91.4% 66.2 91.4% 64.9 0.2 92.6% 92.6% 92.6% 62.6 62.6 0.0 0.0% 66.0 65.8 -0.2 -0.3% 66.2 66.3 0.1 0.2% 92.6% 64.7 64.9 0.3% 93.8% 0.0 65.8 0.0% 93.8% 64.7 62.6 62.6 0.0% 93.8% 65.8 0.0 93.8% 66.2 66.2 0.0% 64.8 0.1 0.2% 95.1% 95.1% 95.1% 95.1% 62.6 62.6 0.0 0.0% 65.8 65.8 0.0 0.0% 66.2 66.2 0.0 0.0% 64.5 64.8 0.3 0.5% 96.3% 62.3 0.0% 96.3% 65.8 0.0 0.0% 96.3% 97.5% 66.0 0.1 0.2% 96.3% 97.5% 64.5 64.8 0.3 0.5% 97.5% 97.5% -0.3% 0.5% 62 1 62 1 0.0 0.0% 65.6 65.4 -0 2 66.0 66.0 0.0% 64.4 647 0.0% -0.3% 98.8% 0.9% 100.0% 100.0% 100.0% 100.0% 62.0 62.0 0.0 0.0% 65.5 65.3 -0.3% 65.8 65.9 0.2% 64.1 64.7 0.6 0.9%

Table SQ-19-9a American River at Watt Avenue, Monthly Temperature Long-term Average and Average by Water Year Type

					Mont	thly Temp	erature (DE	G-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Loi	ng-term							
Full Simulation Period ¹												
No Action Alternative	60.4	56.6	49.1	46.3	48.8	53.7	58.4	63.1	67.4	69.0	69.6	67.2
Alternative D	60.2	56.7	49.2	46.3	48.8	53.7	58.4	63.0	67.5	69.2	69.5	67.2
Difference	-0.2	0.1	0.1	0.0	0.0	0.0	0.0	-0.1	0.1	0.2	-0.1	0.0
Percent Difference ³	-0.3%	0.2%	0.3%	0.1%	-0.1%	0.0%	0.0%	-0.2%	0.1%	0.3%	-0.1%	0.0%
				Water Y	ear Types ²							
Vet (32%)												
No Action Alternative	59.5	57.5	50.0	46.5	48.2	52.6	56.4	60.8	65.0	68.5	68.7	66.0
Alternative D	59.3	57.6	50.1	46.5	48.2	52.6	56.4	60.8	65.0	68.5	68.5	66.1
Difference	-0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.1
Percent Difference	-0.3%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.2%
Above Normal (15%)												
No Action Alternative	59.1	56.1	49.0	46.5	48.5	53.2	58.0	62.5	67.1	67.9	69.0	66.4
Alternative D	59.0	56.2	49.2	46.6	48.4	53.2	58.0	62.5	67.2	68.0	69.0	66.6
Difference	-0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.2
Percent Difference	-0.3%	0.1%	0.2%	0.1%	-0.1%	0.1%	0.0%	0.0%	0.1%	0.1%	0.0%	0.3%
Below Normal (17%)												
No Action Alternative	59.0	56.4	49.3	45.7	47.8	53.5	58.5	62.5	67.3	67.6	69.7	67.5
Alternative D	58.9	56.5	49.4	45.8	47.7	53.7	58.4	62.4	67.2	68.2	69.5	67.3
Difference	-0.1	0.1	0.1	0.1	0.0	0.1	-0.1	-0.1	-0.1	0.6	-0.3	-0.3
Percent Difference	-0.2%	0.2%	0.2%	0.2%	-0.1%	0.3%	-0.1%	-0.2%	-0.1%	0.8%	-0.4%	-0.4%
Dry (22%)												
No Action Alternative	61.0	56.4	48.9	46.0	49.3	54.2	59.7	65.2	69.4	69.0	69.6	67.8
Alternative D	60.5	56.5	49.1	46.0	49.1	54.3	59.8	65.0	69.5	69.2	69.7	67.8
Difference	-0.5	0.1	0.3	0.0	-0.1	0.1	0.1	-0.2	0.2	0.2	0.1	0.1
Percent Difference	-0.8%	0.3%	0.5%	0.0%	-0.3%	0.1%	0.2%	-0.3%	0.2%	0.3%	0.1%	0.1%
Critical (15%)												
No Action Alternative	64.4	55.7	47.4	46.4	50.9	55.6	61.0	65.8	69.9	72.7	71.8	69.1
Alternative D	64.5	55.9	47.5	46.5	51.0	55.5	61.0	65.6	70.2	72.8	71.8	68.7
Difference	0.1	0.1	0.1	0.1	0.1	-0.2	-0.1	-0.2	0.2	0.1	-0.1	-0.3
Percent Difference	0.2%	0.3%	0.2%	0.1%	0.1%	-0.3%	-0.1%	-0.3%	0.3%	0.2%	-0.1%	-0.59



Figure SQ-19-9b American River at Watt Avenue, Monthly Temperature Probability of Exceedance

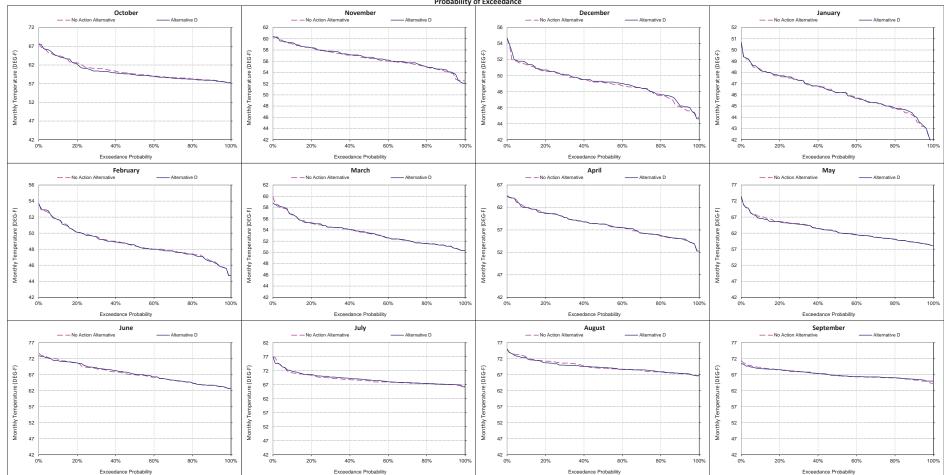


Table SQ-19-9b American River at Watt Avenue, Monthly Temperature Probability of Exceedance

Decembe

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January Percent Percent Percent Percent No Action Alternative Alternative D Absolute Relative Relative Relative Relative Exceedance Exceedance Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG.E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) (DEG-F) 0.0% 67.7 67.6 -0.1 0.0% 60.3 60.4 0.2% 0.0% 54.6 54.7 0.2% 50.7 0.2% 1.2% 66.8 67.5 0.7 1.0% 1.2% 60.3 60.3 0.0 0.0% 1.2% 53.8 53.9 0.1 0.2% 1.2% 49.4 49.4 0.0 0.0% 2.5% 66.3 66.4 0.2% 2.5% 60.1 60.3 0.3% 2.5% 52.0 53.0 1.9% 2.5% 49.2 49.3 0.1 0.2% 3.7% 3.7% 66.1 66.2 0.1 0.2% 3.7% 59.9 59.6 -0.3 -0.5% 3.7% 51.9 52.0 0.1 0.2% 49.2 49.2 0.0 0.0% 4.9% 65.3 66.1 0.8 1.2% 4.9% 59.7 59.6 -0.2% 4.9% 51.8 51.9 0.2% 4.9% 48.8 48.9 0.1 0.2% 6.2% 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46.8 0.0 0.0% 40.7% 60.2 59.8 -0.4 -0.7% 40.7% 57.0 57.1 0.2% 40.7% 49.5 49.5 0.0 0.0% 40.7% 46.8 46.7 -0.1 -0.2% 42.0% 60.0 59.8 -0.2-0.3% 42.0% 57.0 57.1 0.2% 42.0% 49.4 49.5 0.1 0.2% 42.0% 46.7 46.7 0.0 0.0% -0.2% 43.2% 60.0 59.7 -0.3 -0.5% 43.2% 57.0 57.1 0.1 0.2% 43.2% 49.3 49.5 0.2 0.4% 43.2% 46.7 46.6 -0.1 44.4% 59.9 59.6 -0.3 -0.5% 44.4% 57.0 57.1 0.2% 44.4% 49.2 49.3 0.2% 44.4% 46.5 46.5 0.0 0.0% 45.7% 45.7% 45.7% 59.9 59.6 -0.3 -0.5% 56.7 57.0 0.3 0.5% 49.2 49.3 0.1 0.2% 45.7% 46.5 46.4 -0.1 -0.2% 46.9% 59.8 59.6 -0.3% 46.9% 56.7 56.8 0.2% 46.9% 49.2 49.3 0.2% 46.9% 46.5 46.4 -0.1-0.2% 48.1% 49.4% 59.7 59.5 -0.2 -0.3% 48.1% 56.6 56.7 0.1 0.2% 48.1% 49.2 49.3 0.1 0.2% 48.1% 46.3 46.3 0.0 0.0% 59.6 -0.3% 49.4% 56.5 56.7 0.4% 49.4% 49.2 49.3 0.2% 49.4% 46.2 46.2 0.0 0.0% 50.6% 50.6% 50.6% 59.6 59.3 -0.3 -0.5% 56.5 56.7 0.2 0.4% 49.1 49.2 0.1 0.2% 50.6% 46.2 46.2 0.0 0.0% 51.9% 59.2 -0.2-0.3% 51.9% 0.2 0.4% 49.1 49.2 0.2% 51.9% 53.1% 46.2 46.2 0.0 0.0% 53.1% 53.1% 53.1% -0.2 -0.3% -0.3% 56.5 0.0 59.4 592 56.4 0.2% 49 0 492 0.2 46.2 46.2 0.0% 55.6% 56.8% 55.6% 55.6% 55.6% 59.3 59.2 -0.1 -0.2% 56.2 56.4 0.2 0.4% 48.9 49.2 0.3 0.6% 46.1 45.9 -0.2 -0.4% 58.0% 58.0% 58.0% 59.1 59.0 -0.1 -0.2% 56.1 56.3 0.2 0.4% 48.9 49.1 0.2 0.4% 58.0% 45.9 45.8 -0.1 -0.2% 60.5% 60.5% 60.5% 59.0 58.9 -0.1 -0.2% 56.0 56.2 0.2 0.4% 48.7 49.0 0.3 0.6% 60.5% 45.7 45.7 0.0 0.0% 61.7% -0.3% 61.7% 45.6 63.0% 63.0% 63.0% 58.9 63.0% 58.7 -0.2 -0.3% 55.9 56.0 0.1 0.2% 48.6 48.9 0.3 0.6% 45.6 45.6 0.0 0.0% 64.2% 65.4% 58.7 58.7 -0.3% -0.2% 64.2% 65.4% 55.9 55.9 64.2% 65.4% 0.4% 64.2% 65.4% 45.6 45.4 45.5 45.4 -0.1 0.0 0.0 58.8 -0.1 0.2% 0.2 55.8 48.5 48.7 0.0% 66.7% 67.9% -0.2% -0.2% 66.7% 67.9% 66.7% 67.9% 66.7% 67.9% 58.7 55.9 0.2% 48.5 48.6 0.2% 45.3 -0.1 0.0 -0.2% 58.7 58.6 55.9 0.0 -0.1 55.8 0.1 0.2% 48.5 48.5 0.0% 45.3 45.3 0.0% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% -0.3% 55.8 48.5 45.3 45.3 58.4 45.3 0.0 58.7 -0.3 -0.5% 55.6 55.7 0.1 0.2% 48.4 48.4 0.0 0.0% 45.3 0.0% 71.6% 58.6 58.4 -0.2 -0.3% -0.3% 71.6% 55.7 0.2% 71.6% 48.4 48.4 0.0% 71.6% 45.3 45.2 -0.1 0.0 -0.2% 72.8% 58.6 58.4 -0.2 72.8% 55.5 55.7 0.2 0.4% 72.8% 48.4 48.3 -0.1 -0.2% 72.8% 45.2 45.2 0.0% 74.1% 75.3% -0.3% -0.3% 74.1% 75.3% 74.1% 0.5% 74.1% 0.1 0.2% 0.0 0.0% 75.3% 0.2% 75.3% 45.0 76.5% 58.5 -0.2 -0.3% 76.5% 55.2 55.4 0.4% 76.5% 47.7 47.9 0.2 0.4% 76.5% 45.0 45.0 0.0 0.0% 77.8% -0.5% 77.8% 77.8% 0.1 77.8% 0.1 0.2% 55.2 55.2 0.0% 0.2% 45.0 79.0% 58.3 -0.1 -0.2% 79.0% 55.1 55.1 0.0 0.0% 79.0% 47.5 47.7 0.4% 79.0% 44.8 44.9 0.1 0.2% 80.2% 80.2% 54.9 80.2% 47.5 80.2% 44.8 58.2 58.2 0.0% -0.2% 47.6 0.1 0.2% 44.8 0.0% 81.5% 58.2 58.1 -0.1-0.2% 81.5% 54.8 54.9 0.2% 81.5% 47.5 47.6 0.2% 81.5% 44.7 44.8 0.1 0.2% 82.7% 82.7% 58.2 -0.3% 82.7% 54.9 0.2% 47.4 47.5 0.1 0.2% 82.7% 44.7 44.8 0.1 0.2% 84.0% 58.1 58.0 -0.1 -0.2% 84.0% 54.7 54.7 0.0 0.0% 84.0% 47.2 47.5 0.6% 84.0% 44.7 44.7 0.0 0.0% 85.2% 58.1 58.0 -0.1 -0.2% 85.2% 54.6 54.6 0.0 0.0% 85.2% 47.1 47.4 0.3 0.6% 85.2% 44.4 44.7 0.3 0.7% 86.4% 58.0 -0.2% 86.4% 54.6 0.2% 86.4% 46.9 47.3 0.9% 86.4% 44.4 44.6 0.2 0.5% 87.7% 58.0 57.9 -0.1 -0.2% 87.7% 54.4 54.6 0.2 0.4% 87.7% 46.3 47.0 0.7 1.5% 87.7% 44.4 44.5 0.1 0.2% 88.9% 58.0 57.9 -0.1 -0.2% 88.9% 54.3 54.5 0.2 0.4% 88.9% 46.2 46.6 0.4 0.9% 88.9% 44.2 44.4 0.2 0.5% 90.1% 58.0 57.9 -0.1 -0.2% 90.1% 54.1 54.5 0.4 0.7% 90.1% 46.1 46.2 0.1 0.2% 90.1% 44.1 44.1 0.0 0.0% 91.4% 57.9 57.6 57.8 57.8 -0.2% 91.4% 54.1 54.1 91.4% 46.0 91.4% 43.6 44.0 0.4 92.6% 92.6% 92.6% 0.2 0.3% 53.9 0.2 0.4% 45.8 46.1 0.3 0.7% 92.6% 43.5 43.6 0.2% 93.8% 53.9 1.1% 93.8% 0.2 57.6 57.6 0.0 0.0% 93.8% 53.8 0.2% 93.8% 45.6 46.1 0.5 43.2 43.4 0.5% 95.1% 95.1% 95.1% 95.1% 57.5 57.6 0.1 0.2% 52.8 53.7 0.9 1.7% 45.6 46.0 0.4 0.9% 43.2 43.2 0.0 0.0% 96.3% 57.5 57.4 57.5 57.3 0.0% 96.3% 0.2% 96.3% 97.5% 45.5 -0.1 0.0% 96.3% 97.5% 43.0 43.0 0.0 0.0% 97.5% 97.5% -0.6% 0.0 0.0% -0.1 -0.2% 52.6 523 -0.3 45.4 453 -0.2% 423 423 -0.2% -0.8% -0.4% 98.8% 0.0% 100.0% 100.0% 100.0% 100.0% 57.3 57.2 -0.1 -0.2% 52.5 52.1 -0.4 -0.8% 44.8 44.6 -0.2 -0.4% 41.8 41.8 0.0 0.0%

Table SQ-19-9b
American River at Watt Avenue, Monthly Temperature
Probability of Exceedance

Probability		Absolute Difference	
Probability Morety Importance Impo		- Difference	
Processing North Temperature North			Relative
No. ORGE O	ture Monthly Temperature	(DEG-F)	Difference (%)
0.0% 53.6 53.7 0.1 0.2% 0.0% 59.9 58.8 -1.1 -1.9% 0.0% 64.5 64.6 0.1 0.2% 0.0% 73.5 0.	(DEG-F)	(DEG-F)	
2.5%	73.3	-0.2	-0.3%
2.5% S2.0 52.0 0.0 0.0% 2.5% S8.2 S8.5 0.3 0.5% 2.5% 64.1 64.1 0.0 0.0% 2.5% 69.8 S8.2 S8.5 S8.5 S8.5 S8.5 S8.5 S8.5 S8.5 S8.5	70.8	-0.1	-0.1%
3.7%	70.0	0.1	0.1%
4.9%	69.8	0.0	0.0%
6.2% 52.3 52.3 0.0 0.0% 7.8 58.0 0.2 0.3% 6.2% 62.8 63.0 0.2 0.3% 6.2% 67.8 58.0 0.2 0.3% 7.8 58.0 0.2 0.2% 7.8 58.0 0.2 0.3% 7.8 58.0 0.3% 7.8 58.0 0.2 0.3% 7.8 58.0 0.2 0.3% 7.8 58.0 0.2 0.3% 7.8 58.0 0.2 0.3% 7.8 58.0 0.2 0.3% 7.8 58.0 0.2 0.3% 7.8 58.0 0.2 0.3	68.3	0.0	0.0%
7.4% \$2.0 \$1.9 \$0.1 \$-0.2% \$7.8 \$7.8 \$7.6 \$0.2 \$-0.3% \$7.4% \$2.7 \$0.2 \$-0.5 \$-0.9% \$7.4% \$7.8 \$7.8 \$7.8 \$7.8 \$7.8 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0	67.8	-0.1	-0.1%
86% 518 518 518 00 0.0% 86% 563 563 00 0.0% 86% 623 620 0.3 0.0% 86% 673 617 517 50.0 0.0% 89% 627 568 60 01 0.2% 9.9% 620 620 0.0 0.0% 99% 673 617 517 517 00 0.0% 89% 673 618 512 513 513 513 513 513 513 513 513 513 513	67.5	-0.4	-0.6%
9.9% 51.7 51.7 0.0 0.0% 9.9% 56.7 56.8 0.1 0.2% 9.9% 62.0 62.0 0.0 0.0% 9.9% 67.3 11.1% 56.6 56.8 56.8 0.1 0.2% 11.1% 56.6 56.8 56.8 0.0 0.0% 11.1% 56.8 56.8 56.8 0.0 0.0 0.0% 11.1% 56.8 56.8 56.8 56.8 0.0 0.0 0.0% 11.1% 56.8 56.8 56.8 56.8 0.0 0.0 0.0% 11.2% 56.8 56.8 56.8 0.0 0.0 0.0% 11.2% 56.8 56.8 56.8 56.8 56.8 56.8 56.8 56.8	66.7	-0.6	-0.9%
11.1% 518 518 0.0 0.0% 11.1% 586 586 0.0 0.0% 11.1% 62.0 619 0.1 -0.2% 11.1% 67.1 11.1%	66.6	-0.7	-1.0%
12.9% 51.3 51.1 0.2 0.4% 12.9% 56.3 56.3 0.0 0.0% 12.9% 51.7 61.7 0.0 0.0% 12.3% 66.8 13.8% 66.8 11.3 61.2 61.2 61.2 61.2 61.2 61.2 61.2 61.2	66.5	-0.6	-0.9%
13.6% 51.2 51.0 -0.2 -0.4% 13.6% 55.8 55.8 0.0 0.0% 13.8% 61.6 61.6 0.0 0.0% 13.8% 69.4 14.8% 50.9 51.0 0.1 0.2½ 14.8% 55.7 55.7 0.0 0.0% 13.8% 69.4 14.8% 50.0 0.0% 14.8% 61.6 61.6 0.0 0.0% 14.8% 69.4 14.8% 50.0 0.0% 14.8% 69.4 14.8% 50.0 0.0% 14.8% 69.4 14.8% 50.0 0.0% 14.8% 69.4 14.8% 50.0 0.0% 14.8% 69.4 14.8% 50.0 0.0% 14.8% 69.4 14.8% 50.0 0.0% 14.8% 69.4 14.8% 50.0 0.0% 14.8% 69.4 14.8% 50.0 0.0 0.0% 14.8% 69.4 14.8% 50.0 0.0 0.0% 14.8% 69.4	66.3	-0.6	-0.9%
14.8% 50.9 51.0 0.1 0.2% 14.8% 55.7 55.7 0.0 0.0% 14.8% 61.6 61.6 0.0 0.0% 14.8% 63.4 63.1 63.5			
16.0% 50.7 50.6 -0.1 -0.2% 16.0% 55.7 55.4 -0.3 -0.9% 16.0% 61.4 61.0 -0.4 -0.7% 16.0% 63.8 17.3% 50.5 50.5 50.0 -0.0 0% 17.3% 55.3 55.3 -0.0 0.0 0% 17.3% 61.2 -0.09 -0.1 -0.2% 18.5% 65.8 18.5% 50.3 50.3 -0.0 0.0% 18.5% 55.2 55.3 -0.1 0.2% 18.5% 61.0 60.9 -0.1 1 -0.2% 18.5% 65.6 18.5% 65.2 52.3 -0.1 0.2% 18.5% 61.0 60.9 -0.1 1 -0.2% 18.5% 65.6 18.5% 65.2 52.3 -0.1 0.2% 18.5% 61.0 60.9 -0.1 0.0 0.0% 62.2 62.2 62.2 62.2 62.2 62.2 62.2 62.	66.2	-0.2	-0.3%
17.3% 50.5 50.5 50.5 50.0 0.0 0.0% 17.3% 55.3 55.3 0.0 0.0% 17.3% 61.2 60.9 4.3 4.9% 17.3% 65.6 18.5% 50.3 50.3 0.0 0.0% 17.3% 61.2 60.9 4.0 4.2% 17.3% 65.6 18.5% 50.3 50.3 0.0 0.0% 17.3% 61.2 60.9 4.0 4.2% 17.3% 65.6 18.5% 50.3 50.3 0.0 0.0% 17.3% 61.2 60.9 4.0 4.2% 17.3% 65.6 18.5% 19.2 19.2 19.2 19.2 19.2 19.2 19.2 19.2	65.6	-0.8	-1.2%
18.5% 50.3 50.3 0.0 0.0% 18.5% 55.2 55.3 0.1 0.2% 18.5% 61.0 60.9 -0.1 -0.2% 18.5% 65.6 21.0% 50.1 50.1 50.1 0.0 0.0% 22.1% 55.3 0.1 0.2% 18.5% 65.6 21.0% 50.1 50.0 0.0 0.0% 22.1% 55.3 0.1 0.2% 18.5% 60.6 60.7 -0.1 -0.2% 18.5% 65.6 22.0% 50.1 50.0 0.0 0.0% 22.1% 55.3 0.1 0.2% 12.0% 50.7 60.7 60.7 0.0 0.0% 22.1% 65.6 60.7 -0.1 0.2% 18.5% 60.6 60.6 0.0 0.0% 22.1% 65.6 60.6 0.1 0.2% 22.5% 60.6 60.6 0.0 0.0% 22.1% 65.6 60.6 0.1 0.2% 22.5% 60.6 60.6 0.1 0.2% 22.5% 60.6 60.6 0.1 0.2% 22.5% 60.6 60.6 0.1 0.2% 22.5% 60.6 60.6 0.1 0.2% 22.5% 60.6 60.6 0.1 0.2% 22.5% 60.6 60.6 0.1 0.2% 22.5% 60.6 60.6 0.1 0.2% 22.5% 60.6 60.6 0.1 0.2% 22.5% 60.6 60.6 0.1 0.2% 22.5% 60.6 60.6 0.1 0.2% 22.5% 60.6 60.6 0.1 0.2% 22.5% 60.6 60.6 0.1 0.2% 22.5% 60.6 60.6 0.1 0.2% 22.5% 60.6 60.6 0.1 0.2% 22.5% 60.6 60.6 0.1 0.2% 22.5% 60.6 60.6 0.1 0.2% 22.5% 60.5 60.6 0.1 0.2% 22.5% 60.5 60.6 0.1 0.2% 22.5% 60.5 60.6 0.1 0.2% 22.5% 60.5 60.6 0.1 0.2% 22.5% 60.5 60.6 0.1 0.2% 22.5% 60.5 60.6 0.1 0.2% 22.5% 60.5 60.6 0.1 0.2% 22.5% 60.5 60.6 0.1 0.2% 22.5% 60.5 60.6 0.1 0.2% 22.5% 60.5 60.6 0.1 0.2% 22.5% 60.5 60.6 0.1 0.2% 22.5% 60.5 60.5 0.0 0.0% 22.5% 60.5 60.5 0.0 0.0% 22.5% 60.6 60.5 0.0 0.0% 22.5% 60.5 60.5 60.5 0.0 0.0% 22.5% 60.5 60.5 60.5 60.5 0.0 0.0% 22.5% 60.5 60.5 60.5 60	65.6	-0.7	-1.1%
188% 50.1 50.1 0.0 0.0% 188% 55.2 55.3 0.1 0.2% 188% 60.8 60.7 0.1 0.2% 18.8% 65.6 22.2% 50.0 50.0 0.0 0.0% 21.0% 55.1 55.2 0.1 0.2% 22.5% 60.7 60.6 0.7 0.0 0.0% 21.0% 65.6 22.2% 50.0 50.0 0.0 0.0 0.0% 22.5% 56.0 55.1 0.1 0.2% 22.5% 60.7 60.6 0.1 0.0% 22.5% 65.5 22.5% 60.7 60.6 0.1 0.0% 22.5% 65.5 22.5% 60.7 60.6 0.1 0.0% 22.5% 65.5 22.5% 60.7 60.6 0.1 0.0% 22.5% 65.5 22.5% 60.7 60.6 0.1 0.0% 22.5% 65.5 22.5% 60.7 60.6 0.1 0.0% 22.5% 65.5 22.5% 60.7 60.6 0.1 0.0% 22.5% 65.5 22.5% 60.7 60.6 0.1 0.0% 22.5% 65.5 22.5% 60.7 60.6 0.1 0.0% 22.5% 65.5 22.5% 60.7 60.6 0.1 0.0 0.0% 22.5% 65.5 22.5% 60.6 0.1 0.0 0.0% 22.5% 65.5 22.5% 60.6 0.1 0.0 0.0% 22.5% 65.5 22.5% 60.6 0.1 0.0 0.0% 22.5% 65.5 22.5% 60.6 0.1 0.0 0.0% 22.5% 65.5 22.5% 60.6 0.1 0.0 0.0% 22.5% 65.5 22.5% 60.6 0.1 0.0 0.0% 22.5% 65.5 22.5% 60.6 0.1 0.0 0.0% 22.5% 65.5 22.5% 60.6 0.1 0.0 0.0% 22.5% 65.5 22.5% 60.6 0.1 0.0 0.0% 22.5% 65.5 22.5% 60.6 0.1 0.0 0.0% 22.5% 65.5 22.5% 60.0 0.0 0.0% 22.5% 65.5 22.5% 60.0 0.0 0.0% 22.5% 65.5 22.5% 60.0 0.0 0.0% 22.5% 65.5 22.5% 60.0 0.0 0.0% 22.5% 65.5 22.5% 60.0 0.0 0.0% 22.5% 65.5 22.5% 60.0 0.0 0.0% 22.5% 65.5 22.5% 60.0 0.0 0.0% 22.5% 65.5 22.5% 60.0 0.0 0.0% 22.5% 65.5 22.5% 60.0 0.0 0.0% 22.5% 65.5 22.5% 60.0 0.0 0.0% 22.5% 65.5 22.5% 60.0 0.0 0.0% 22.5% 62.5 22.5% 60.0 0.0 0.0% 22.5% 65.5% 65.5% 65.5% 65.5% 65.5% 65.5% 65.5% 65.5% 65.5% 65.5% 65.5% 65.5% 65.5% 65.5% 65.5% 65.5% 65.5% 65.5% 65.5% 65.5	65.6	0.0	0.0%
21.0% 50.1 50.1 0.0 0.0% 21.0% 55.1 55.2 0.1 0.2% 21.0% 60.7 60.7 0.0 0.0% 21.0% 65.6 22.2% 50.0 0.0 0.0 0.0% 22.5% 55.0 0.5 55.1 0.1 0.2% 22.5% 60.7 60.6 -0.1 -0.2% 22.5% 65.5 23.5% 49.9 49.9 49.9 0.0 0.0% 23.5% 54.9 55.1 0.2 0.4% 23.5% 60.6 60.6 0.0 0.0% 23.5% 65.4 24.7% 65.5 22.5% 48.9 49.7 -0.2 -0.4% 24.7% 65.5 0.0 0.0% 23.5% 65.4 0.2 0.4% 24.7% 65.5 0.0 0.0% 23.5% 65.4 0.0 0.0% 23.5% 65.4 0.0 0.0% 23.5% 65.4 0.0 0.0% 23.5% 65.4 0.0 0.0% 23.5% 65.4 0.0 0.0% 23.5% 65.4 0.0 0.0% 23.5% 65.1 0.2 0.4% 24.7% 65.2 0.0 0.0% 23.5% 65.1 0.2 0.0% 23.5% 65.1 0.2 0.0% 23.5% 65.5 0.0 0.0 0.0% 23.5% 65.1 0.0 0	65.6	0.0	0.0%
22.7% 50.0 50.0 0.0 0.0 0.0% 22.5% 55.0 55.1 0.1 0.2% 22.2% 60.7 60.6 -0.1 -0.2% 22.5% 65.5 23.5% 49.9 49.9 0.0 0.0% 23.5% 54.9 55.1 0.2 0.4% 23.5% 60.6 60.6 0.0 0.0% 23.5% 65.4 24.7% 49.9 49.7 -0.2 -0.4% 24.7% 54.9 55.1 0.2 0.4% 24.7% 60.5 60.6 0.1 0.2% 24.7% 65.2 25.9% 49.8 49.7 -0.1 -0.2% 25.9% 54.8 54.8 0.0 0.0% 25.5% 60.5 0.0 0.0% 25.9% 65.1 27.2% 49.7 49.7 0.0 0.0% 27.2% 54.7 54.8 0.1 0.2% 27.2% 60.2 60.2 0.0 0.0% 22.5% 65.1 22.6% 49.8 49.8 0.0 0.0% 22.6% 49.8 49.8 0.0 0.0% 22.6% 54.5 54.5 0.0 0.0% 22.8% 60.8 60.8 60.0 0.0 0.0% 22.8% 65.0 22.6% 49.8 49.8 49.8 49.8 49.8 49.8 49.8 49.8	65.6	0.0	0.0%
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42.0% 48.9 48.8 -0.1 -0.2% 42.0% 53.9 54.0 0.1 0.2% 42.0% 58.7 58.7 0.0 0.0% 42.0% 63.2 44.2% 48.8 0.0 0.0% 43.2% 53.8 53.8 0.0 0.0% 43.2% 58.5 58.4 0.1 0.2% 44.4% 63.0 45.7% 58.7 58.7 58.7 58.7 58.7 58.7 58.7 58.7	63.4	-0.2	-0.3%
43.2% 48.8 48.8 0.0 0.0% 43.2% 53.8 53.8 0.0 0.0% 43.2% 58.5 58.4 0.1 0.2% 43.2% 63.2 44.4% 58.0 0.0 0.0% 44.4% 58.0 44.7% 48.7 48.8 0.1 0.2% 44.4% 58.0 53.7 53.8 0.1 0.2% 44.4% 58.4 58.4 0.0 0.0% 45.7% 63.0 45.7% 63.0 46.9% 48.6 48.6 0.0 0.0% 45.7% 53.6 53.7 0.1 0.2% 45.7% 58.4 58.4 0.0 0.0% 45.7% 63.0 48.1% 48.5 48.6 0.1 0.2% 48.1% 53.4 53.6 0.2 0.4% 48.1% 58.3 58.3 0.0 0.0% 48.1% 62.9 49.4% 48.8 48.6 0.2 0.4% 49.4% 53.3 58.3 0.0 0.0% 48.1% 62.9 50.6% 48.4 48.4 0.0 0.0% 50.6% 53.4 53.5 0.1 0.2% 59.6% 58.3 58.3 0.0 0.0% 49.4% 52.6 50.6% 48.4 48.4 0.0 0.0% 50.6% 53.3 53.4 0.1 0.2% 59.6% 58.3 58.3 0.0 0.0% 59.6% 62.1 51.9% 48.3 48.3 48.3 0.0 0.0% 50.6% 53.3 53.4 0.1 0.2% 59.6% 58.3 58.3 0.0 0.0 0.0% 50.6% 62.1 51.9% 48.3 48.2 48.2 0.0 0.0% 53.1% 53.2 53.3 0.1 0.2% 59.6% 58.3 58.3 58.2 0.1 0.2% 59.6% 59.3 59.3 59.0 59.9 0.1 0.2% 59.6% 62.1 54.3% 48.2 48.2 0.0 0.0% 53.1% 53.2 53.3 0.1 0.2% 53.1% 58.0 57.9 57.7 0.2 0.3% 54.3% 61.9 55.6% 48.1 48.1 0.0 0.0% 55.6% 53.1 53.1 0.0 0.0% 55.6% 57.7 57.7 0.0 0.0% 55.6% 61.8 56.8% 48.1 48.1 0.0 0.0% 55.6% 52.9 52.9 0.0 0.0% 59.5% 57.6 57.6 0.0 0.0% 58.0% 61.8 59.3% 48.0 48.0 0.0 0.0% 59.3% 52.6 52.6 0.0 0.0% 59.3% 57.5 57.5 57.5 0.0 0.0% 59.3% 61.5 59.3% 48.0 48.0 0.0 0.0% 59.3% 52.6 52.6 0.0 0.0% 59.3% 57.5 57.5 57.5 0.0 0.0% 59.3% 61.5	63.4	0.0	0.0%
44.4% 48.7 48.8 0.1 0.2% 44.4% 53.7 53.8 0.1 0.2% 44.4% 58.4 58.4 0.0 0.0% 44.4% 63.0 45.7% 58.4 58.4 0.0 0.0% 44.4% 63.0 46.9% 48.6 48.6 0.0 0.0% 46.9% 63.6 53.7 0.1 0.2% 46.9% 58.4 58.4 0.0 0.0% 49.9% 63.0 48.9% 48.5 48.6 0.1 0.2% 48.1% 58.3 58.3 0.0 0.0% 48.1% 62.9 49.4% 48.4 48.6 0.2 0.4% 48.4% 53.4 53.6 0.2 0.4% 48.1% 58.3 58.3 0.0 0.0% 48.1% 62.9 49.4% 48.4 48.6 0.2 0.4% 49.4% 53.4 53.5 0.1 0.2% 49.4% 58.3 58.3 0.0 0.0% 49.4% 62.5 50.6% 48.1 48.4 0.0 0.0% 50.6% 53.3 53.4 0.1 0.2% 50.6% 58.3 58.3 0.0 0.0% 50.6% 50.6% 53.3 53.4 0.1 0.2% 50.6% 58.3 58.3 0.0 0.0% 50.6% 50.6% 53.3 53.4 0.1 0.2% 50.6% 58.3 58.3 0.0 0.0% 50.6% 50.6% 53.3 53.4 0.1 0.2% 50.6% 58.3 58.3 58.3 0.0 0.0% 50.6% 50.6% 53.3 58.3 0.1 0.2% 50.6% 58.3 58.3 58.3 0.0 0.0% 50.6%	63.2	0.0	0.0%
45.7% 48.7 48.7 0.0 0.0% 45.7% 53.6 53.7 0.1 0.2% 45.7% 58.4 58.4 0.0 0.0% 45.7% 63.0 46.9% 58.4 58.4 0.0 0.0% 45.7% 63.0 48.1% 48.5 48.6 0.1 0.2% 48.1% 53.4 53.6 0.2 0.4% 48.1% 58.3 58.3 0.0 0.0% 48.1% 62.9 50.6% 48.4 48.6 0.2 0.4% 49.4% 53.3 58.3 0.0 0.0% 48.1% 62.9 50.6% 48.4 48.4 0.0 0.0% 50.6% 53.3 53.4 0.1 0.2% 50.6% 58.3 58.3 0.0 0.0% 50.6% 62.1 51.9% 48.3 48.3 48.3 0.0 0.0% 50.6% 53.3 53.4 0.1 0.2% 50.6% 58.3 58.3 0.0 0.0% 50.6% 62.1 51.9% 48.2 48.2 0.0 0.0% 53.1% 53.2 53.3 0.1 0.2% 51.9% 58.3 58.3 58.3 0.0 0.0% 50.6% 62.1 54.3% 53.2 53.3 0.1 0.2% 53.1% 58.3 58.3 58.3 0.0 0.0% 50.6% 62.1 54.3% 53.2 53.3 0.1 0.2% 53.1% 53.3 58.2 0.1 0.2% 53.1% 53.9 58.3 58.3 58.2 0.1 0.2% 53.1% 61.9 54.3% 48.2 48.2 0.0 0.0% 53.1% 53.2 53.3 0.1 0.2% 53.1% 53.0 57.9 57.7 0.2 0.3% 54.3% 61.9 55.6% 48.1 48.1 0.0 0.0% 55.6% 53.1 53.1 53.1 0.0 0.0% 55.6% 57.7 57.7 0.0 0.0% 55.6% 61.8 56.8% 48.1 48.1 0.0 0.0% 56.8% 52.9 52.9 0.0 0.0% 58.6% 57.6 57.6 0.0 0.0% 58.0% 61.8 58.0% 48.1 48.0 0.0 0.0% 59.3% 52.6 52.6 0.0 0.0% 59.3% 57.5 57.5 0.0 0.0% 59.3% 61.5 59.3% 48.0 48.0 48.0 0.0 0.0% 59.3% 52.6 52.6 0.0 0.0% 59.3% 57.5 57.5 0.0 0.0% 59.3% 61.5	63.0	-0.2	-0.3%
45,7% 48,7 48,7 0.0 0.0% 45,7% 53,6 53,7 0.1 0.2% 45,7% 58,4 58,4 0.0 0.0% 45,7% 63,0 46,9% 48,6 48,6 0.0 0.0% 46,9% 53,6 53,7 0.1 0.2% 46,9% 58,4 58,4 0.0 0.0% 46,9% 63,0 48,1% 48,5 48,6 0.1 0.2% 48,1% 53,4 53,5 0.1 0.2% 49,4% 58,3 58,3 0.0 0.0% 48,1% 62,9 50,6% 48,4 48,4 48,6 0.2 0.4% 49,4% 53,4 53,5 0.1 0.2% 49,4% 58,3 58,3 0.0 0.0% 49,4% 62,6 50,6% 48,4 48,4 0.0 0.0% 50,6% 53,3 53,4 0.1 0.2% 50,6% 58,3 58,3 0.0 0.0% 50,6% 62,1 51,9% 48,3 48,3 48,3 0.0 0.0% 50,6% 53,3 53,4 0.1 0.2% 51,9% 58,3 58,3 0.0 0.0% 50,6% 62,1 51,9% 48,2 48,2 0.0 0.0% 53,1% 53,2 53,3 0.1 0.2% 51,9% 58,3 58,3 0.0 0.0% 50,6% 62,1 54,3% 48,2 48,2 0.0 0.0% 53,1% 53,2 53,3 0.1 0.2% 53,1% 58,0 57,9 0.1 0.2% 53,1% 61,9 55,6% 48,1 48,1 0.0 0.0% 55,6% 53,1 53,1 53,1 0.0 0.0% 54,3% 57,9 57,7 0.2 0.3% 54,3% 61,9 55,6% 48,1 48,1 0.0 0.0% 55,6% 53,1 53,0 0.1 0.2% 55,6% 57,7 57,7 0.0 0.0% 55,6% 61,8 58,0% 48,1 48,1 0.0 0.0% 56,8% 52,9 52,9 0.0 0.0% 59,3% 57,6 57,6 0.0 0.0% 58,0% 61,8 59,3% 48,0 48,0 48,0 0.0 0.0% 59,3% 52,6 52,6 0.0 0.0% 59,3% 57,5 57,5 0.0 0.0% 59,3% 61,5	63.0	0.0	0.0%
46.9% 48.6 48.6 0.0 0.0% 46.9% 53.6 53.7 0.1 0.2% 46.9% 58.4 58.4 0.0 0.0% 49.9% 63.0 48.1% 48.5 48.6 0.1 0.2% 48.1% 53.4 53.6 0.2 0.4% 48.1% 58.3 58.3 0.0 0.0% 48.1% 62.9 49.4% 48.4 48.6 0.2 0.4% 49.4% 53.4 53.5 0.1 0.2% 49.4% 58.3 58.3 0.0 0.0% 49.4% 62.6 50.6% 48.4 48.4 0.0 0.0% 50.6% 53.3 53.4 0.1 0.2% 50.6% 58.3 58.3 0.0 0.0% 50.6% 50.6% 52.1 51.9% 58.3 58.3 0.0 0.0% 50.6% 58.3 58.3 0.0 0.0% 50.6% 52.1 51.9% 58.3 58.3 0.0 0.0% 50.6% 58.3 58.3 0.0 0.0% 50.6% 58.3 58.3 0.0 0.0% 50.6% 58.3 58.3 0.0 0.0% 50.6% 58.3 58.3 0.0 0.0% 50.6% 58.3 58.3 0.0 0.0% 50.6% 58.3 58.3 0.0 0.0% 50.6% 58.3 58.3 0.0 0.0% 50.6% 58.3 58.3 0.0 0.0% 50.6% 58.3 58.2 0.0 0.0% 50.6% 58.3 58.2 0.0 0.0% 50.6% 58.3 58.2 0.0 0.0% 50.6% 58.3 58.2 0.0 0.0% 50.6% 58.3 58.2 0.0 0.0% 50.6% 58.3 58.2 0.0 0.0% 50.6% 58.3 58.2 0.0 0.0% 50.6% 58.3 58.2 0.0 0.0% 50.6% 58.3 58.2 0.0 0.0% 50.6% 58.3 58.2 0.0 0.0% 50.6% 58.3 58.2 0.0 0.0% 50.6% 58.3 58.2 0.0 0.0% 50.6% 58.3 58.2 0.0 0.0% 50.6% 58.3 58.2 0.0 0.0% 50.6% 58.3 58.2 0.0 0.0 0.0% 58.5% 58.3 58.2 0.0 0.0 0.0% 58.5% 58.3 58.2 0.0 0.0 0.0% 58.5% 58.3 58.2 0.0 0.0 0.0% 58.5% 58.3 58.2 0.0 0.0 0.0% 58.5% 58.3 58.2 0.0 0.0 0.0% 58.5% 58.3 58.2 0.0 0.0 0.0% 58.5% 58.3 58.2 0.0 0.0 0.0% 58.5% 58.3 58.2 0.0 0.0 0.0% 58.5% 58.3 58.2 0.0 0.0 0.0% 58.5% 58.3 58.2 0.0 0.0 0.0% 58.5% 58.3 58.2 0.0 0.0 0.0% 58.5% 58.3 58.2 0.0 0.0 0.0% 58.6% 57.9 57.7 0.0 0.0 0.0% 58.6% 58.3 58.2 0.0 0.0 0.0% 58.6% 57.6 57.6 0.0 0.0 0.0% 58.6% 58.6% 58.6% 57.6 57.6 0.0 0.0 0.0% 58.6% 58.3 58.2 0.0 0.0% 58.5% 58.6% 57.5 57.5 0.0 0.0 0.0% 58.5% 61.8 58.0% 61.8 58.0% 61.8 59.3% 48.0 48.0 0.0 0.0% 59.3% 52.6 52.6 0.0 0.0 0.0 0.0 59.3% 57.5 57.5 0.0 0.0 0.0% 58.3% 61.5	62.9	-0.1	-0.2%
48.1% 48.5 48.6 0.1 0.2% 48.1% 53.4 53.6 0.2 0.4% 48.1% 58.3 58.3 0.0 0.0% 48.1% 62.9 49.4% 48.4 48.6 0.2 0.4% 49.4% 53.4 53.5 0.1 0.2% 49.4% 58.3 58.3 0.0 0.0% 49.4% 62.6 50.6% 48.4 48.4 0.0 0.0% 50.6% 53.3 53.4 0.1 0.2% 50.6% 58.3 58.3 0.0 0.0% 50.6% 62.1 51.9% 48.3 48.3 48.3 0.0 0.0% 51.9% 53.3 53.4 0.1 0.2% 51.9% 58.3 58.3 0.0 0.0% 50.6% 62.1 51.9% 48.2 48.2 0.0 0.0% 53.1% 53.2 53.3 0.1 0.2% 53.1% 58.3 58.2 0.1 0.2% 53.1% 61.9 54.3% 48.2 48.1 0.1 0.2% 53.1% 53.2 53.3 0.1 0.2% 53.1% 58.0 57.9 0.1 0.2% 53.1% 61.9 55.6% 48.1 48.1 0.0 0.0% 55.6% 53.1 53.1 53.1 0.0 0.0% 55.6% 57.7 57.7 0.2 0.3% 54.3% 61.9 55.6% 48.1 48.1 0.0 0.0% 55.6% 53.1 53.0 0.1 0.2% 55.6% 57.6 57.6 0.0 0.0% 55.6% 61.8 58.0% 48.1 48.1 48.0 0.0 0.0% 56.8% 52.9 52.9 0.0 0.0% 58.0% 57.6 57.6 0.0 0.0% 58.0% 61.8 59.3% 48.0 48.0 48.0 0.0 0.0% 59.3% 52.6 52.6 0.0 0.0% 59.3% 57.5 57.5 57.5 0.0 0.0% 59.3% 61.5	62.9	-0.1	-0.2%
49.4% 48.4 48.6 0.2 0.4% 49.4% 53.4 53.5 0.1 0.2% 49.4% 58.3 58.3 0.0 0.0% 49.4% 62.5 50.6% 48.4 48.4 0.0 0.0% 50.6% 53.3 53.4 0.1 0.2% 50.6% 58.3 58.3 0.0 0.0% 50.6% 52.5 51.9% 48.3 48.3 0.0 0.0% 50.6% 53.3 53.4 0.1 0.2% 51.9% 58.3 58.3 0.0 0.0% 51.9% 62.1 51.9% 48.2 48.2 0.0 0.0% 53.1% 53.2 53.3 0.1 0.2% 51.9% 58.3 58.2 0.1 0.2% 51.9% 52.0 51.0 51.0 51.0 51.0 51.0 51.0 51.0 51	62.6	-0.3	-0.5%
50.6% 48.4 48.4 0.0 0.0% 50.6% 53.3 53.4 0.1 0.2% 50.6% 58.3 58.3 0.0 0.0% 50.6% 62.1 51.9% 58.3 58.3 0.0 0.0% 50.6% 62.1 51.9% 58.3 58.2 0.1 0.2% 51.9% 58.3 58.2 0.1 0.2% 51.9% 58.3 58.2 0.1 0.2% 51.9% 58.3 58.2 0.1 0.2% 51.9% 58.3 58.2 0.1 0.2% 51.9% 51.9% 58.3 58.2 0.1 0.2% 51.9	62.6	0.0	0.0%
51.9% 48.3 48.3 0.0 0.0% 51.9% 53.3 53.4 0.1 0.2% 51.9% 58.3 58.2 -0.1 -0.2% 51.9% 62.0 53.1% 48.2 48.2 0.0 0.0% 53.1% 53.1 53.0 -0.1 -0.2% 54.3% 57.9 57.7 -0.2 -0.3% 54.3% 61.9 55.6% 48.1 48.1 0.0 0.0% 55.6% 53.1 53.0 -0.1 -0.2% 55.6% 57.7 57.7 0.0 0.0% 55.6% 61.8 56.8% 48.1 48.1 0.0 0.0% 56.6% 52.9 52.9 0.0 0.0% 56.8% 57.6 57.6 0.0 <	62.1	0.0	0.0%
53.1% 48.2 48.2 0.0 0.0% 53.1% 53.2 53.3 0.1 0.2% 53.1% 58.0 57.9 0.1 0.2% 53.1% 61.9 55.6% 48.1 0.1 0.2% 54.3% 53.1 53.1 0.0 0.0% 54.3% 57.9 57.7 0.2 0.3% 54.3% 61.9 55.6% 48.1 48.1 0.0 0.0% 55.6% 53.1 53.0 0.1 0.2% 55.6% 57.7 57.7 0.0 0.0% 55.6% 61.8 56.8% 48.1 48.1 0.0 0.0% 56.6% 52.9 52.9 0.0 0.0% 56.8% 57.6 57.6 0.0 0.0% 56.8% 61.8 58.0% 48.1 48.0 0.1 0.2% 58.0% 52.7 52.8 0.1 0.2% 58.0% 57.6 57.6 57.6 0.0 0.0% 58.0% 61.8 59.3% 48.0 48.0 0.0 0.0% 59.3% 52.6 52.6 0.0 0.0% 59.3% 57.5 57.5 0.0 0.0% 59.3% 61.5	62.0	0.0	0.0%
54.3% 48.2 48.1 0.1 0.2% 54.3% 53.1 53.1 0.0 0.0% 54.3% 57.9 57.7 0.2 0.3% 54.3% 61.9 55.6% 48.1 48.1 0.0 0.0% 55.6% 53.1 53.0 0.1 0.2% 55.6% 57.7 57.7 0.0 0.0% 55.6% 61.8 56.6% 48.1 48.1 0.0 0.0% 56.8% 52.9 52.9 0.0 0.0% 56.8% 57.6 57.6 0.0 0.0% 56.8% 61.8 58.0% 48.1 48.0 0.1 0.2% 58.0% 52.7 52.8 0.1 0.2% 58.0% 57.6 57.6 0.0 0.0% 58.0% 61.6 59.3% 48.0 48.0 0.0 0.0% 59.3% 52.6 52.6 0.0 0.0% 59.3% 57.5 57.5 0.0 0.0% 59.3% 61.5	61.9	0.0	0.0%
55.6% 48.1 48.1 0.0 0.0% 55.6% 53.1 53.0 -0.1 -0.2% 55.6% 57.7 57.7 0.0 0.0% 55.6% 61.8 56.8% 48.1 48.1 0.0 0.0% 56.8% 52.9 52.9 0.0 0.0% 56.8% 57.6 57.6 0.0 0.0% 58.8% 61.8 58.0% 48.1 48.0 -0.1 -0.2% 58.0% 52.7 52.8 0.1 0.2% 58.0% 57.6 57.6 0.0 0.0% 58.0% 61.8 59.3% 48.0 48.0 0.0 0.0% 59.3% 52.6 52.6 0.0 0.0% 59.3% 57.5 57.5 0.0 0.0% 59.3% 61.5	61.9	0.0	0.0%
56.8% 48.1 48.1 0.0 0.0% 56.8% 52.9 52.9 0.0 0.0% 56.8% 57.6 57.6 0.0 0.0% 58.8% 61.8 58.0% 48.1 48.0 -0.1 -0.2% 58.0% 52.7 52.8 0.1 0.2% 58.0% 57.6 57.6 0.0 0.0% 58.0% 61.6 59.3% 48.0 48.0 0.0 0.0% 59.3% 52.6 52.6 0.0 0.0% 59.3% 57.5 57.5 0.0 0.0% 59.3% 61.5	61.8	0.0	0.0%
58.0% 48.1 48.0 -0.1 -0.2% 58.0% 52.7 52.8 0.1 0.2% 58.0% 57.6 57.6 0.0 0.0% 58.0% 61.6 59.3% 48.0 48.0 0.0 0.0% 59.3% 52.6 52.6 0.0 0.0% 59.3% 57.5 57.5 0.0 0.0% 59.3% 61.5	61.8	0.0	0.0%
59.3% 48.0 48.0 0.0 0.0% 59.3% 52.6 52.6 0.0 0.0% 59.3% 57.5 57.5 0.0 0.0% 59.3% 61.5			
	61.7	0.1	0.2%
	61.6	0.1	0.2%
	61.4	0.0	0.0%
61.7% 48.0 48.0 0.0 0.0% 61.7% 52.4 52.4 0.0 0.0% 61.7% 57.3 57.4 0.1 0.2% 61.7% 61.3	61.3	0.0	0.0%
63.0% 48.0 47.9 -0.1 -0.2% 63.0% 52.4 52.4 0.0 0.0% 63.0% 57.3 57.3 0.0 0.0% 63.0% 61.3	61.3	0.0	0.0%
64.2% 48.0 47.9 -0.1 -0.2% 64.2% 52.4 52.4 0.0 0.0% 64.2% 57.2 57.3 0.1 0.2% 64.2% 61.2	61.2	0.0	0.0%
65.4% 47.9 47.8 -0.1 -0.2% 65.4% 52.3 52.4 0.1 0.2% 65.4% 56.8 57.3 0.5 0.9% 65.4% 61.2	61.2	0.0	0.0%
66.7% 47.8 47.8 0.0 0.0% 66.7% 52.3 52.3 0.0 0.0% 66.7% 56.8 56.9 0.1 0.2% 66.7% 61.1	61.1	0.0	0.0%
67.9% 47.8 47.8 0.0 0.0% 67.9% 52.3 52.2 -0.1 -0.2% 67.9% 56.7 56.8 0.1 0.2% 67.9% 61.0	61.0	0.0	0.0%
69.1% 47.8 47.8 0.0 0.0% 69.1% 52.2 52.2 0.0 0.0% 69.1% 56.4 56.3 -0.1 -0.2% 69.1% 60.7	60.7	0.0	0.0%
70.4% 47.8 47.7 -0.1 -0.2% 70.4% 52.1 52.1 0.0 0.0% 70.4% 56.3 56.3 0.0 0.0% 70.4% 60.7	60.7	0.0	0.0%
71.6% 47.7 47.6 -0.1 -0.2% 71.6% 52.0 52.0 0.0 0.0% 71.6% 56.2 56.2 0.0 0.0% 71.6% 60.6	60.6	0.0	0.0%
72.8% 47.6 47.6 0.0 0.0% 72.8% 51.9 51.9 0.0 0.0% 72.8% 56.2 56.2 0.0 0.0% 72.8% 60.6	60.6	0.0	0.0%
74.1% 47.6 47.6 0.0 0.0% 74.1% 51.7 51.7 0.0 0.0% 74.1% 56.1 56.1 0.0 0.0% 74.1% 60.5	60.4	-0.1	-0.2%
75.3% 47.6 47.5 -0.1 -0.2% 75.3% 51.7 51.7 0.0 0.0% 75.3% 56.1 56.1 0.0 0.0% 75.3% 60.4	60.4	0.0	0.0%
76.5% 47.5 47.4 -0.1 -0.2% 76.5% 51.7 51.7 0.0 0.0% 76.5% 56.0 56.0 0.0 0.0% 76.5% 60.4	60.4	0.0	0.0%
77.8% 47.4 47.4 0.0 0.0% 77.8% 51.6 51.6 0.0 0.0% 77.8% 56.0 56.0 0.0 0.0% 77.8% 60.3	60.3	0.0	0.0%
7.6% 47.4 47.4 0.0 $0.0%$ $79.0%$ 51.6 51.6 0.0 $0.0%$ $79.0%$ 55.8 55.9 0.1 $0.2%$ $79.0%$ 60.1	60.2	0.0	0.0%
80.2% 47.3 47.4 0.1 0.2% 80.2% 51.6 51.6 0.0 0.0% 80.2% 55.6 55.7 0.1 0.2% 80.2% 60.1 81.5% 47.3 47.2 0.1 0.2% 81.5% 51.5 51.5 0.0 0.0% 81.5% 55.5 55.6 0.1 0.2% 81.5% 59.8	60.1 59.8	0.0	0.0%
		0.0	0.0%
82.7% 47.3 47.1 -0.2 -0.4% 82.7% 51.5 51.5 0.0 0.0% 82.7% 55.4 55.5 0.1 0.2% 82.7% 59.7	59.7	0.0	0.0%
84.0% 47.3 47.1 -0.2 -0.4% 84.0% 51.5 51.5 0.0 0.0% 84.0% 55.3 55.4 0.1 0.2% 84.0% 59.7	59.7	0.0	0.0%
85.2% 47.1 47.1 0.0 0.0% 85.2% 51.4 51.4 0.0 0.0% 85.2% 55.2 55.3 0.1 0.2% 85.2% 59.7	59.7	0.0	0.0%
86.4% 46.8 46.8 0.0 0.0% 86.4% 51.3 51.3 0.0 0.0% 86.4% 55.2 55.2 0.0 0.0% 86.4% 59.5	59.5	0.0	0.0%
87.7% 46.8 46.6 -0.2 -0.4% 87.7% 51.3 51.3 0.0 0.0% 87.7% 55.1 55.2 0.1 0.2% 87.7% 59.3	59.3	0.0	0.0%
88.9% 46.6 46.5 -0.1 -0.2% 88.9% 51.3 51.3 0.0 0.0% 88.9% 55.1 55.1 0.0 0.0% 88.9% 59.3	59.3	0.0	0.0%
90.1% 46.5 46.5 0.0 0.0% 90.1% 51.1 51.1 0.0 0.0% 90.1% 55.0 55.1 0.1 0.2% 90.1% 59.2	59.2	0.0	0.0%
91.4% 46.5 46.3 -0.2 -0.4% 91.4% 51.1 51.1 0.0 0.0% 91.4% 55.0 55.0 0.0 0.0% 91.4% 59.1	59.1	0.0	0.0%
926% 46.2 46.2 0.0 0.0% 92.6% 51.1 51.1 0.0 0.0% 92.6% 54.7 55.0 0.3 0.5% 92.6% 59.0	59.0	0.0	0.0%
93.8% 46.0 45.9 -0.1 -0.2% 93.8% 50.8 50.8 0.0 0.0% 93.8% 54.6 54.6 0.0 0.0% 93.8% 58.8	58.8	0.0	0.0%
35.0% 45.8 45.8 0.0 0.0% 95.1% 50.8 50.7 -0.1 -0.2% 95.1% 54.3 54.3 0.0 0.0% 95.1% 58.7	58.7	0.0	0.0%
96.3% 45.7 45.7 0.0 0.0% 96.3% 50.6 50.6 0.0 0.0% 96.3% 54.1 54.1 0.0 0.0% 96.3% 58.6	58.6	0.0	0.0%
90.5% 45.6 45.6 0.0 0.0% 97.5% 50.4 50.4 0.0 0.0% 97.5% 53.9 53.9 0.0 0.0% 97.5% 58.5	58.5	0.0	0.0%
91.5% 45.0 U.0 U.0% 91.5% 56.2 50.3 0.0 0.0% 98.8% 52.3 52.3 0.0 0.0% 98.8% 58.2 52.3 0.0 0.0% 98.8% 58.2	58.2	0.0	0.0%
96.6% 44.7 44.7 U.0 U.0% 96.6% 50.3 50.3 U.0 U.0% 96.6% 52.3 52.3 U.0 U.0% 96.6% 56.2 52.3 52.3 U.0 U.0% 96.6% 56.2	58.2	0.0	
100.076 +44.7 44.7 0.0 0.076 100.076 50.3 50.3 0.0 0.076 100.076 52.3 52.3 0.0 0.076 100.076 58.2	56.2	0.0	0.0%

Table SQ-19-9b
American River at Watt Avenue, Monthly Temperature
Probability of Exceedance

									Probabili	ty of Exceedance									
Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedano	No Action Alternative	Alternative D	Absolute Difference	Relative
Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)
0.0%	73.7	72.9	-0.8	-1.1%	0.0%	77.0	76.9	-0.1	-0.1%	0.0%	74.9	75.0	0.1	0.1%	0.0%	71.4	70.4	-1.0	-1.4%
1.2%	73.0	72.7	-0.3	-0.4%	1.2%	76.7	74.6	-2.1	-2.7%	1.2%	73.9	73.9	0.0	0.0%	1.2%	70.6	70.3	-0.3	-0.4%
2.5% 3.7%	73.0 72.8	72.7 72.3	-0.3 -0.5	-0.4% -0.7%	2.5% 3.7%	74.7 74.2	74.6 74.2	-0.1 0.0	-0.1% 0.0%	2.5% 3.7%	73.7 73.4	73.6 73.1	-0.1 -0.3	-0.1% -0.4%	2.5% 3.7%	70.5 69.9	69.7 69.7	-0.8 -0.2	-1.1% -0.3%
4.9%	72.1	72.3	0.2	0.3%	4.9%	73.4	73.3	-0.1	-0.1%	4.9%	73.3	72.8	-0.5	-0.7%	4.9%	69.9	69.4	-0.5	-0.7%
6.2% 7.4%	72.1 72.0	72.1 71.5	0.0 -0.5	0.0%	6.2% 7.4%	73.0 71.9	73.1 72.3	0.1	0.1%	6.2% 7.4%	73.2 73.0	72.7 72.4	-0.5 -0.6	-0.7% -0.8%	6.2% 7.4%	69.5 69.5	69.3 69.1	-0.2 -0.4	-0.3%
8.6%	72.0	71.4	-0.6	-0.8%	8.6%	71.5	72.1	0.6	0.8%	8.6%	72.9	72.4	-0.5	-0.7%	8.6%	69.3	69.0	-0.3	-0.4%
9.9%	71.9	71.4 71.2	-0.5	-0.7%	9.9%	71.2	71.8	0.6	0.8%	9.9%	72.5	72.3	-0.2	-0.3%	9.9%	69.3 69.2	68.9 68.8	-0.4	-0.6%
11.1% 12.3%	71.6 71.3	71.2 71.1	-0.4 -0.2	-0.6% -0.3%	11.1% 12.3%	71.1 71.0	71.6 71.5	0.5 0.5	0.7%	11.1% 12.3%	72.4 71.8	71.7 71.6	-0.7 -0.2	-1.0% -0.3%	11.1% 12.3%	69.2 69.0	68.8 68.8	-0.4 -0.2	-0.6% -0.3%
13.6%	71.3	71.1	-0.2	-0.3%	13.6%	70.8	71.2	0.4	0.6%	13.6%	71.7	71.6	-0.1	-0.1%	13.6%	68.9	68.8	-0.1	-0.1%
14.8% 16.0%	71.0 71.0	71.0 71.0	0.0	0.0%	14.8% 16.0%	70.8 70.7	71.0 70.7	0.2	0.3%	14.8% 16.0%	71.6 71.4	71.4 71.4	-0.2 0.0	-0.3% 0.0%	14.8% 16.0%	68.8 68.8	68.7 68.7	-0.1 -0.1	-0.1% -0.1%
17.3%	70.8	70.9	0.0	0.1%	17.3%	70.7	70.7	0.0	0.3%	17.3%	71.4	71.3	-0.1	-0.1%	17.3%	68.7	68.7	0.0	0.0%
18.5%	70.7	70.8	0.1	0.1%	18.5%	70.5	70.6	0.1	0.1%	18.5%	71.3	70.9	-0.4	-0.6%	18.5%	68.5	68.6	0.1	0.1%
19.8% 21.0%	70.6 70.5	70.7 70.5	0.1	0.1%	19.8% 21.0%	70.4 70.0	70.6 70.5	0.2 0.5	0.3%	19.8% 21.0%	71.2 71.2	70.7 70.7	-0.5 -0.5	-0.7% -0.7%	19.8% 21.0%	68.5 68.4	68.6 68.5	0.1 0.1	0.1% 0.1%
22.2%	69.7	70.5	0.8	1.1%	22.2%	69.9	70.2	0.3	0.4%	22.2%	71.2	70.6	-0.6	-0.8%	22.2%	68.4	68.3	-0.1	-0.1%
23.5% 24.7%	69.5 69.3	69.9 69.7	0.4	0.6%	23.5% 24.7%	69.7 69.6	70.1	0.4	0.6%	23.5% 24.7%	71.0 71.0	70.6 70.4	-0.4	-0.6% -0.8%	23.5% 24.7%	68.4 68.3	68.3 68.2	-0.1	-0.1% -0.1%
25.9%	69.2	69.4	0.4	0.8%	25.9%	69.6	70.1 70.0	0.5	0.6%	25.9%	70.8	70.4	-0.6 -0.4	-0.6%	25.9%	68.2	68.0	-0.1 -0.2	-0.1%
27.2%	69.2	69.4	0.2	0.3%	27.2%	69.6	70.0	0.4	0.6%	27.2%	70.7	70.0	-0.7	-1.0%	27.2%	68.2	68.0	-0.2	-0.3%
28.4% 29.6%	69.1 68.9	69.3 69.3	0.2	0.3%	28.4% 29.6%	69.5 69.3	70.0 69.7	0.5	0.7%	28.4% 29.6%	70.6 70.6	70.0 70.0	-0.6 -0.6	-0.8% -0.8%	28.4% 29.6%	68.1 68.0	68.0 67.9	-0.1 -0.1	-0.1% -0.1%
30.9%	68.7	68.9	0.2	0.3%	30.9%	69.3	69.7	0.4	0.6%	30.9%	70.6	69.9	-0.7	-1.0%	30.9%	67.9	67.9	0.0	0.0%
32.1% 33.3%	68.7 68.6	68.9 68.8	0.2	0.3%	32.1% 33.3%	69.2 69.2	69.7 69.6	0.5 0.4	0.7%	32.1% 33.3%	70.6 70.5	69.9 69.9	-0.7 -0.6	-1.0% -0.9%	32.1% 33.3%	67.9 67.8	67.9 67.8	0.0	0.0%
33.3%	68.5	68.7	0.2	0.3%	33.3%	69.2	69.5	0.4	0.6%	33.3%	70.5	69.9	-0.6	-0.9%	33.3%	67.8	67.7	-0.1	-0.1%
35.8%	68.4	68.6	0.2	0.3%	35.8%	69.0	69.5	0.5	0.7%	35.8%	70.3	69.8	-0.5	-0.7%	35.8%	67.8	67.6	-0.2	-0.3%
37.0% 38.3%	68.0 67.9	68.6 68.4	0.6 0.5	0.9% 0.7%	37.0% 38.3%	68.9 68.9	69.4 69.3	0.5 0.4	0.7%	37.0% 38.3%	70.1 70.1	69.8 69.6	-0.3 -0.5	-0.4% -0.7%	37.0% 38.3%	67.4 67.4	67.5 67.5	0.1 0.1	0.1% 0.1%
39.5%	67.9	68.3	0.4	0.6%	39.5%	68.9	69.3	0.4	0.6%	39.5%	69.8	69.6	-0.2	-0.3%	39.5%	67.4	67.4	0.0	0.0%
40.7%	67.8 67.8	68.2 68.0	0.4	0.6%	40.7%	68.7 68.7	69.2 69.1	0.5	0.7%	40.7%	69.6 69.5	69.5 69.5	-0.1 0.0	-0.1%	40.7%	67.3 67.3	67.3 67.3	0.0	0.0%
42.0% 43.2%	67.8	68.0	0.2	0.3%	42.0% 43.2%	68.6	69.1	0.4	0.6%	42.0% 43.2%	69.2	69.5	0.0	0.0%	42.0% 43.2%	67.3	67.2	-0.1	0.0% -0.1%
44.4%	67.6	67.8	0.2	0.3%	44.4%	68.6	69.0	0.4	0.6%	44.4%	69.2	69.4	0.2	0.3%	44.4%	67.2	67.1	-0.1	-0.1%
45.7% 46.9%	67.2 67.1	67.8 67.6	0.6 0.5	0.9%	45.7% 46.9%	68.6 68.4	69.0 68.9	0.4 0.5	0.6%	45.7% 46.9%	69.1 69.1	69.4 69.4	0.3	0.4%	45.7% 46.9%	67.1 66.9	67.0 66.8	-0.1 -0.1	-0.1% -0.1%
48.1%	67.1	67.4	0.3	0.4%	48.1%	68.4	68.8	0.3	0.6%	48.1%	69.0	69.3	0.3	0.4%	48.1%	66.9	66.8	-0.1	-0.1%
49.4%	67.0	67.2	0.2	0.3%	49.4%	68.4	68.7	0.3	0.4%	49.4%	69.0	69.3	0.3	0.4%	49.4%	66.7	66.8	0.1	0.1%
50.6% 51.9%	66.9 66.8	67.1 67.0	0.2	0.3%	50.6% 51.9%	68.3 68.0	68.7 68.5	0.4 0.5	0.6%	50.6% 51.9%	69.0 69.0	69.2 69.2	0.2	0.3%	50.6% 51.9%	66.6 66.6	66.8 66.7	0.2	0.3%
53.1%	66.8	67.0	0.2	0.3%	53.1%	68.0	68.5	0.5	0.7%	53.1%	68.8	69.1	0.3	0.4%	53.1%	66.5	66.6	0.1	0.2%
54.3% 55.6%	66.8 66.7	67.0 66.8	0.2 0.1	0.3%	54.3% 55.6%	68.0 68.0	68.5 68.5	0.5 0.5	0.7%	54.3% 55.6%	68.8 68.8	69.1 69.0	0.3	0.4%	54.3% 55.6%	66.5 66.5	66.6 66.5	0.1	0.2%
56.8%	66.4	66.7	0.1	0.5%	56.8%	68.0	68.3	0.3	0.4%	56.8%	68.8	69.0	0.2	0.3%	56.8%	66.4	66.5	0.0	0.2%
58.0%	66.3	66.7	0.4	0.6%	58.0%	68.0	68.3	0.3	0.4%	58.0%	68.7	68.7	0.0	0.0%	58.0%	66.4	66.4	0.0	0.0%
59.3% 60.5%	66.2 66.2	66.3 66.3	0.1	0.2%	59.3% 60.5%	68.0 68.0	68.1 68.0	0.1	0.1%	59.3% 60.5%	68.7 68.7	68.7 68.6	0.0 -0.1	0.0% -0.1%	59.3% 60.5%	66.3 66.3	66.4 66.4	0.1	0.2%
61.7%	66.2	66.3	0.1	0.2%	61.7%	68.0	67.9	-0.1	-0.1%	61.7%	68.7	68.6	-0.1	-0.1%	61.7%	66.3	66.4	0.1	0.2%
63.0% 64.2%	65.8 65.8	65.8 65.8	0.0	0.0%	63.0% 64.2%	67.9 67.8	67.9 67.9	0.0	0.0%	63.0% 64.2%	68.6 68.6	68.6 68.6	0.0	0.0%	63.0% 64.2%	66.3 66.3	66.4 66.3	0.1	0.2% 0.0%
65.4%	65.7	65.7	0.0	0.0%	65.4%	67.8	67.8	0.0	0.1%	65.4%	68.6	68.5	-0.1	0.0%	65.4%	66.2	66.3	0.0	0.0%
66.7%	65.6	65.6	0.0	0.0%	66.7%	67.7	67.8	0.1	0.1%	66.7%	68.6	68.5	-0.1	-0.1%	66.7%	66.2	66.3	0.1	0.2%
67.9% 69.1%	65.4 65.3	65.4 65.3	0.0	0.0%	67.9% 69.1%	67.7 67.7	67.8 67.8	0.1 0.1	0.1% 0.1%	67.9% 69.1%	68.5 68.5	68.5 68.5	0.0	0.0%	67.9% 69.1%	66.2 66.2	66.3 66.3	0.1 0.1	0.2% 0.2%
70.4%	65.3	65.3	0.0	0.0%	70.4%	67.7	67.7	0.0	0.0%	70.4%	68.2	68.5	0.3	0.4%	70.4%	66.2	66.3	0.1	0.2%
71.6%	65.1 65.1	65.1 65.0	0.0 -0.1	0.0%	71.6%	67.5 67.5	67.7 67.6	0.2 0.1	0.3%	71.6% 72.8%	68.1 68.0	68.5 68.4	0.4 0.4	0.6% 0.6%	71.6% 72.8%	66.2 66.1	66.3 66.2	0.1 0.1	0.2%
72.8% 74.1%	65.0	65.0	-0.1	-0.2%	72.8% 74.1%	67.5	67.6	0.1	0.1%	72.8%	68.0	68.3	0.4	0.6%	72.8%	66.1	66.1	0.1	0.2%
75.3%	64.9	64.9	0.0	0.0%	75.3%	67.5	67.6	0.1	0.1%	75.3%	67.9	68.2	0.3	0.4%	75.3%	66.0	66.1	0.1	0.2%
76.5% 77.8%	64.7 64.7	64.7 64.7	0.0	0.0%	76.5% 77.8%	67.5 67.5	67.5 67.5	0.0	0.0%	76.5% 77.8%	67.9 67.9	68.2 68.0	0.3 0.1	0.4%	76.5% 77.8%	66.0 66.0	66.1 66.1	0.1 0.1	0.2% 0.2%
79.0%	64.7	64.7	0.0	0.0%	79.0%	67.4	67.4	0.0	0.0%	79.0%	67.9	67.9	0.0	0.0%	79.0%	66.0	66.1	0.1	0.2%
80.2%	64.3	64.3	0.0	0.0%	80.2%	67.4	67.4	0.0	0.0%	80.2%	67.8	67.9	0.1	0.1%	80.2%	65.9	66.0	0.1	0.2%
81.5% 82.7%	64.2 63.9	64.2 63.9	0.0	0.0%	81.5% 82.7%	67.4 67.4	67.3 67.3	-0.1 -0.1	-0.1% -0.1%	81.5% 82.7%	67.7 67.6	67.9 67.7	0.2	0.3%	81.5% 82.7%	65.9 65.9	66.0 65.9	0.1	0.2%
84.0%	63.9	63.9	0.0	0.0%	84.0%	67.3	67.3	0.0	0.0%	84.0%	67.6	67.7	0.1	0.1%	84.0%	65.8	65.8	0.0	0.0%
85.2%	63.8	63.8	0.0	0.0%	85.2%	67.2	67.2	0.0	0.0%	85.2%	67.5	67.6	0.1	0.1%	85.2%	65.6	65.8	0.2	0.3%
86.4% 87.7%	63.8 63.7	63.8 63.7	0.0	0.0%	86.4% 87.7%	67.2 67.2	67.2 67.2	0.0	0.0%	86.4% 87.7%	67.5 67.4	67.6 67.5	0.1	0.1% 0.1%	86.4% 87.7%	65.6 65.6	65.7 65.7	0.1 0.1	0.2% 0.2%
88.9%	63.7	63.7	0.0	0.0%	88.9%	67.2	67.1	-0.1	-0.1%	88.9%	67.4	67.5	0.1	0.1%	88.9%	65.5	65.6	0.1	0.2%
90.1%	63.7 63.7	63.7 63.7	0.0	0.0%	90.1% 91.4%	67.1 67.1	67.1 67.1	0.0	0.0%	90.1% 91.4%	67.3 67.3	67.4 67.4	0.1	0.1%	90.1%	65.3 65.3	65.6 65.5	0.3	0.5%
92.6%	63.5	63.5	0.0	0.0%	92.6%	67.0	67.0	0.0	0.0%	92.6%	67.2	67.4	0.1	0.1%	92.6%	65.2	65.5	0.2	0.5%
93.8%	63.3	63.3	0.0	0.0%	93.8%	67.0	67.0	0.0	0.0%	93.8%	67.2	67.3	0.1	0.1%	93.8%	65.0	65.4	0.4	0.6%
95.1% 96.3%	63.3 63.2	63.3 63.2	0.0	0.0%	95.1% 96.3%	67.0 67.0	67.0 66.8	0.0 -0.2	-0.3%	95.1% 96.3%	67.1 66.9	67.2 66.9	0.1	0.1%	95.1% 96.3%	65.0 65.0	65.3 65.0	0.3	0.5%
97.5%	62.9	62.9	0.0	0.0%	97.5%	67.0	66.6	-0.4	-0.6%	97.5%	66.8	66.8	0.0	0.0%	97.5%	64.7	65.0	0.3	0.5%
98.8%	62.7	62.7	0.0	0.0%	98.8%	66.4	66.2	-0.2	-0.3%	98.8%	66.6	66.7	0.1	0.2%	98.8%	64.3	65.0	0.7	1.1%
100.0%	62.7	62.7	0.0	0.0%	100.0%	66.4	66.2	-0.2	-0.3%	100.0%	66.6	66.7	0.1	0.2%	100.0%	64.3	65.0	0.7	1.1%

Table SQ-20-9a American River at the Mouth, Monthly Temperature Long-term Average and Average by Water Year Type

					Mont	thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
•				Lor	ig-term							
Full Simulation Period ¹												
No Action Alternative	60.8	56.3	48.6	46.1	49.0	54.0	58.9	63.7	68.1	69.7	70.4	67.6
Alternative D	60.6	56.4	48.8	46.1	49.0	54.0	58.9	63.6	68.2	70.0	70.3	67.6
Difference	-0.1	0.1	0.1	0.0	0.0	0.0	0.0	-0.1	0.1	0.2	-0.1	0.0
Percent Difference ³	-0.2%	0.2%	0.3%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.1%	0.3%	-0.1%	0.0%
					ear Types ²							
Vet (32%)												
No Action Alternative	60.0	57.3	49.6	46.5	48.3	52.8	56.8	61.4	65.6	69.3	69.5	66.4
Alternative D	59.9	57.4	49.7	46.5	48.3	52.8	56.8	61.4	65.6	69.3	69.3	66.6
Difference	-0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.2
Percent Difference	-0.3%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.39
Above Normal (15%)												
No Action Alternative	59.6	55.7	48.6	46.4	48.6	53.3	58.4	63.2	67.9	68.6	69.7	66.8
Alternative D	59.5	55.8	48.7	46.4	48.6	53.4	58.4	63.2	68.0	68.7	69.7	67.0
Difference	-0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.2
Percent Difference	-0.2%	0.1%	0.2%	0.1%	0.0%	0.1%	0.0%	0.0%	0.1%	0.2%	0.0%	0.3%
Below Normal (17%)												
No Action Alternative	59.5	56.1	48.9	45.5	48.0	53.9	59.0	63.2	68.1	68.3	70.5	68.0
Alternative D	59.4	56.2	49.0	45.6	47.9	54.0	58.9	63.0	68.1	68.9	70.2	67.7
Difference	-0.1	0.1	0.1	0.1	0.0	0.1	-0.1	-0.1	0.0	0.7	-0.3	-0.2
Percent Difference	-0.1%	0.2%	0.2%	0.2%	-0.1%	0.2%	-0.2%	-0.2%	0.0%	1.0%	-0.4%	-0.49
Ory (22%)												
No Action Alternative	61.3	56.0	48.4	45.7	49.5	54.7	60.3	65.9	70.1	69.9	70.4	68.2
Alternative D	60.9	56.1	48.7	45.7	49.4	54.7	60.4	65.7	70.3	70.1	70.5	68.3
Difference	-0.4	0.2	0.3	0.0	-0.1	0.0	0.1	-0.2	0.2	0.2	0.1	0.1
Percent Difference	-0.7%	0.3%	0.6%	-0.1%	-0.3%	0.1%	0.1%	-0.3%	0.2%	0.4%	0.2%	0.1%
Critical (15%)												
No Action Alternative	64.2	55.1	46.8	46.2	51.3	56.1	61.7	66.5	70.4	73.4	72.6	69.4
Alternative D	64.3	55.3	46.8	46.2	51.3	55.9	61.6	66.3	70.7	73.6	72.5	69.1
Difference	0.1	0.1	0.1	0.1	0.0	-0.1	-0.1	-0.2	0.3	0.2	-0.1	-0.3
Percent Difference	0.2%	0.2%	0.2%	0.1%	0.1%	-0.2%	-0.1%	-0.3%	0.4%	0.2%	-0.1%	-0.49



Figure SQ-20-9b American River at the Mouth, Monthly Temperature Probability of Exceedance

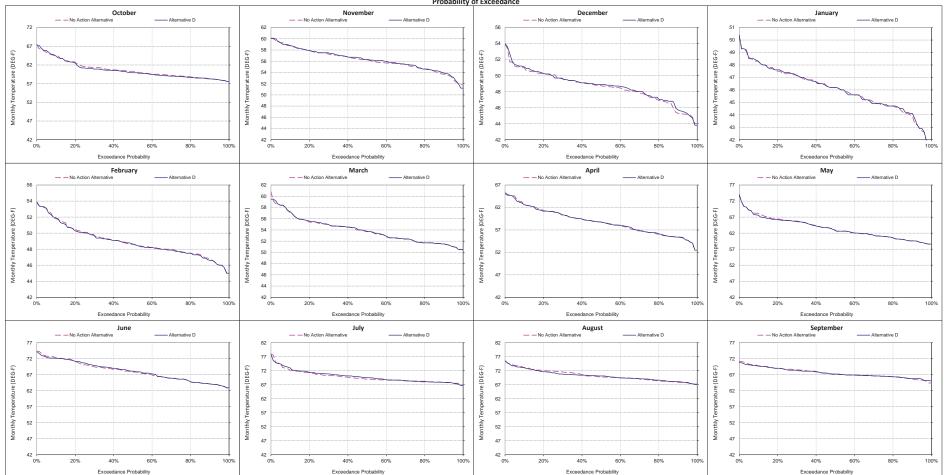


Table SQ-20-9b

American River at the Mouth, Monthly Temperature
Probability of Exceedance

-									Probability	of Exceedance									
Percent		October			Percent		November			Percent		December			Percent		January		
Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative
Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
0.0%	(DEG-F) 67.3	(DEG-F) 67.4	0.1	0.1%	(%) 0.0%	(DEG-F) 60.1	(DEG-F) 60.1	0.0	0.0%	(%) 0.0%	(DEG-F) 53.9	(DEG-F) 54.0	0.1	0.2%	(%) 0.0%	(DEG-F) 50.3	(DEG-F) 50.4	0.1	0.2%
1.2%	66.3	67.2	0.9	1.4%	1.2%	60.0	60.1	0.1	0.2%	1.2%	53.4	53.6	0.2	0.4%	1.2%	49.3	49.3	0.0	0.0%
2.5%	66.3	66.4	0.1	0.2%	2.5%	59.7	60.0	0.3	0.5%	2.5%	51.7	52.7	1.0	1.9%	2.5%	49.3	49.3	0.0	0.0%
3.7%	65.8 65.4	65.9 65.9	0.1	0.2%	3.7% 4.9%	59.6 59.3	59.5 59.3	-0.1 0.0	-0.2% 0.0%	3.7% 4.9%	51.7 51.2	51.8 51.4	0.1	0.2%	3.7% 4.9%	49.1 48.5	49.2 48.6	0.1	0.2%
6.2%	65.0	65.4	0.3	0.6%	6.2%	59.3	59.0	-0.3	-0.5%	6.2%	51.1	51.3	0.2	0.4%	6.2%	48.5	48.5	0.0	0.0%
7.4%	64.8	64.9	0.1	0.2%	7.4%	59.0	59.0	0.0	0.0%	7.4%	51.1	51.2	0.1	0.2%	7.4%	48.4	48.5	0.1	0.2%
8.6% 9.9%	64.6 64.5	64.8 64.4	0.2 -0.1	-0.2%	8.6% 9.9%	58.8 58.8	59.0 58.8	0.2	0.3%	8.6% 9.9%	51.0 51.0	51.2 51.1	0.2	0.4%	8.6% 9.9%	48.3 48.3	48.4 48.3	0.1	0.2%
11.1%	64.4	63.9	-0.5	-0.8%	11.1%	58.6	58.7	0.0	0.0%	11.1%	50.6	50.9	0.3	0.6%	11.1%	48.1	48.1	0.0	0.0%
12.3%	63.7	63.8	0.1	0.2%	12.3%	58.5	58.6	0.1	0.2%	12.3%	50.6	50.9	0.3	0.6%	12.3%	48.0	48.0	0.0	0.0%
13.6%	63.7	63.7	0.0	0.0%	13.6%	58.4 58.3	58.3 58.3	-0.1	-0.2%	13.6%	50.5	50.7	0.2	0.4%	13.6%	48.0 47.9	48.0 47.8	0.0	0.0%
14.8% 16.0%	63.1 62.9	63.1 63.1	0.0	0.0%	14.8% 16.0%	58.3 58.2	58.3 58.2	0.0	0.0%	14.8% 16.0%	50.5 50.4	50.6 50.5	0.1 0.1	0.2%	14.8% 16.0%	47.9 47.8	47.8 47.7	-0.1 -0.1	-0.2% -0.2%
17.3%	62.9	62.8	-0.1	-0.2%	17.3%	58.1	58.1	0.0	0.0%	17.3%	50.3	50.5	0.1	0.4%	17.3%	47.8	47.7	-0.1	-0.2%
18.5%	62.9	62.8	-0.1	-0.2%	18.5%	58.0	58.0	0.0	0.0%	18.5%	50.3	50.4	0.1	0.2%	18.5%	47.6	47.6	0.0	0.0%
19.8% 21.0%	62.8 62.3	62.6 61.9	-0.2 -0.4	-0.3% -0.6%	19.8% 21.0%	58.0 57.8	57.9 57.8	-0.1 0.0	-0.2% 0.0%	19.8% 21.0%	50.2 50.2	50.3 50.2	0.1	0.2%	19.8% 21.0%	47.5 47.5	47.6 47.6	0.1	0.2%
22.2%	62.3	61.4	-0.4	-1.1%	22.2%	57.7	57.7	0.0	0.0%	22.2%	50.2	50.2	0.0	0.0%	22.2%	47.4	47.5	0.1	0.2%
23.5%	61.7	61.2	-0.5	-0.8%	23.5%	57.5	57.7	0.2	0.3%	23.5%	50.2	50.1	-0.1	-0.2%	23.5%	47.3	47.4	0.1	0.2%
24.7%	61.6	61.2	-0.4	-0.6%	24.7%	57.5	57.5	0.0	0.0%	24.7%	50.1	50.0	-0.1	-0.2%	24.7%	47.3	47.4	0.1	0.2%
25.9% 27.2%	61.6 61.4	61.1 61.1	-0.5 -0.3	-0.8% -0.5%	25.9% 27.2%	57.5 57.5	57.5 57.5	0.0	0.0%	25.9% 27.2%	50.1 49.7	49.7 49.7	-0.4 0.0	-0.8% 0.0%	25.9% 27.2%	47.3 47.3	47.4 47.3	0.1	0.2%
28.4%	61.4	61.1	-0.3	-0.5%	28.4%	57.4	57.5	0.0	0.2%	28.4%	49.7	49.7	0.0	0.0%	28.4%	47.2	47.3	0.0	0.2%
29.6%	61.3	60.9	-0.4	-0.7%	29.6%	57.3	57.5	0.2	0.3%	29.6%	49.7	49.6	-0.1	-0.2%	29.6%	47.2	47.2	0.0	0.0%
30.9% 32.1%	61.3 61.3	60.9 60.9	-0.4 -0.4	-0.7% -0.7%	30.9% 32.1%	57.2 57.1	57.4 57.4	0.2	0.3%	30.9% 32.1%	49.5 49.4	49.5 49.5	0.0	0.0%	30.9% 32.1%	47.0 47.0	47.1 47.0	0.1	0.2%
33.3%	61.2	60.8	-0.4	-0.7%	33.3%	57.1	57.2	0.3	0.2%	33.3%	49.4	49.4	0.0	0.0%	33.3%	46.9	47.0	0.0	0.2%
34.6%	61.1	60.7	-0.4	-0.7%	34.6%	57.1	57.1	0.0	0.0%	34.6%	49.4	49.4	0.0	0.0%	34.6%	46.8	46.9	0.1	0.2%
35.8%	60.9	60.6	-0.3	-0.5%	35.8%	56.9	57.0	0.1	0.2%	35.8%	49.4	49.4	0.0	0.0%	35.8%	46.8	46.8	0.0	0.0%
37.0% 38.3%	60.8 60.8	60.6 60.6	-0.2 -0.2	-0.3% -0.3%	37.0% 38.3%	56.9 56.9	57.0 56.9	0.1	0.2%	37.0% 38.3%	49.2 49.2	49.3 49.2	0.1	0.2%	37.0% 38.3%	46.8 46.8	46.8 46.7	0.0 -0.1	0.0% -0.2%
39.5%	60.7	60.5	-0.2	-0.3%	39.5%	56.8	56.8	0.0	0.0%	39.5%	49.1	49.1	0.0	0.0%	39.5%	46.7	46.7	0.0	0.0%
40.7%	60.7	60.5	-0.2	-0.3%	40.7%	56.7	56.7	0.0	0.0%	40.7%	49.1	49.1	0.0	0.0%	40.7%	46.6	46.5	-0.1	-0.2%
42.0% 43.2%	60.6 60.6	60.5 60.4	-0.1 -0.2	-0.2% -0.3%	42.0% 43.2%	56.6 56.5	56.7 56.7	0.1 0.2	0.2%	42.0% 43.2%	49.0 49.0	49.1 49.0	0.1	0.2%	42.0% 43.2%	46.5 46.5	46.5 46.5	0.0	0.0%
44.4%	60.5	60.3	-0.2	-0.3%	44.4%	56.5	56.7	0.2	0.4%	44.4%	48.9	49.0	0.0	0.2%	44.4%	46.5	46.4	-0.1	-0.2%
45.7%	60.5	60.3	-0.2	-0.3%	45.7%	56.4	56.6	0.2	0.4%	45.7%	48.9	49.0	0.1	0.2%	45.7%	46.3	46.3	0.0	0.0%
46.9%	60.4	60.1	-0.3	-0.5%	46.9%	56.3	56.6	0.3	0.5%	46.9%	48.8	48.9 48.9	0.1	0.2%	46.9%	46.2	46.2	0.0	0.0%
48.1% 49.4%	60.3 60.3	60.0 59.9	-0.3 -0.4	-0.5% -0.7%	48.1% 49.4%	56.3 56.3	56.3 56.3	0.0	0.0%	48.1% 49.4%	48.8 48.8	48.9 48.9	0.1 0.1	0.2%	48.1% 49.4%	46.2 46.2	46.2 46.2	0.0	0.0%
50.6%	60.3	59.9	-0.4	-0.7%	50.6%	56.2	56.3	0.1	0.2%	50.6%	48.7	48.9	0.2	0.4%	50.6%	46.2	46.2	0.0	0.0%
51.9%	60.2	59.9	-0.3	-0.5%	51.9%	56.1	56.2	0.1	0.2%	51.9%	48.7	48.9	0.2	0.4%	51.9%	46.1	46.1	0.0	0.0%
53.1% 54.3%	60.0 59.9	59.8 59.8	-0.2 -0.1	-0.3% -0.2%	53.1% 54.3%	55.9 55.9	56.2 56.1	0.3	0.5%	53.1% 54.3%	48.7 48.6	48.8 48.8	0.1	0.2%	53.1% 54.3%	46.0 46.0	46.0 46.0	0.0	0.0%
55.6%	59.9	59.7	-0.2	-0.3%	55.6%	55.8	56.1	0.3	0.5%	55.6%	48.6	48.8	0.2	0.4%	55.6%	45.9	45.8	-0.1	-0.2%
56.8%	59.8	59.7	-0.1	-0.2%	56.8%	55.8	56.1	0.3	0.5%	56.8%	48.5	48.7	0.2	0.4%	56.8%	45.8	45.6	-0.2	-0.4%
58.0% 59.3%	59.7 59.6	59.6 59.5	-0.1 -0.1	-0.2% -0.2%	58.0% 59.3%	55.8 55.7	56.1 56.0	0.3	0.5% 0.5%	58.0% 59.3%	48.5 48.5	48.7 48.7	0.2 0.2	0.4%	58.0% 59.3%	45.7 45.6	45.6 45.6	-0.1 0.0	-0.2% 0.0%
60.5%	59.6	59.5	-0.1	-0.2%	60.5%	55.7	55.9	0.3	0.5%	60.5%	48.4	48.6	0.2	0.4%	60.5%	45.6 45.6	45.6 45.6	0.0	0.0%
61.7%	59.5	59.3	-0.2	-0.3%	61.7%	55.6	55.8	0.2	0.4%	61.7%	48.2	48.6	0.4	0.8%	61.7%	45.6	45.6	0.0	0.0%
63.0%	59.5	59.3	-0.2	-0.3%	63.0%	55.6	55.8	0.2	0.4%	63.0%	48.2	48.5	0.3	0.6%	63.0%	45.6	45.5	-0.1	-0.2%
64.2% 65.4%	59.5 59.5	59.2 59.2	-0.3 -0.3	-0.5% -0.5%	64.2% 65.4%	55.6 55.6	55.8 55.6	0.2	0.4% 0.0%	64.2% 65.4%	48.1 48.1	48.4 48.2	0.3 0.1	0.6%	64.2% 65.4%	45.4 45.2	45.2 45.2	-0.2 0.0	-0.4% 0.0%
66.7%	59.4	59.1	-0.3	-0.5%	66.7%	55.5	55.6	0.1	0.2%	66.7%	48.1	48.2	0.1	0.2%	66.7%	45.2	45.2	0.0	0.0%
67.9%	59.3	59.1	-0.2	-0.3%	67.9%	55.5	55.5	0.0	0.0%	67.9%	48.0	48.1	0.1	0.2%	67.9%	45.2	45.1	-0.1	-0.2%
69.1% 70.4%	59.3 59.2	59.0 59.0	-0.3 -0.2	-0.5% -0.3%	69.1% 70.4%	55.5 55.4	55.5 55.4	0.0	0.0%	69.1% 70.4%	48.0 47.8	48.0 48.0	0.0	0.0%	69.1% 70.4%	45.1 45.0	44.9 44.9	-0.2 -0.1	-0.4% -0.2%
71.6%	59.1	59.0	-0.2	-0.2%	71.6%	55.2	55.4	0.0	0.4%	71.6%	47.8	48.0	0.2	0.4%	71.6%	44.9	44.9	0.0	0.0%
72.8%	59.1	58.9	-0.2	-0.3%	72.8%	55.1	55.3	0.2	0.4%	72.8%	47.6	47.7	0.1	0.2%	72.8%	44.9	44.9	0.0	0.0%
74.1% 75.3%	59.1 59.0	58.9 58.9	-0.2 -0.1	-0.3% -0.2%	74.1% 75.3%	55.1 55.0	55.3 55.2	0.2	0.4%	74.1% 75.3%	47.5 47.3	47.5 47.5	0.0	0.0%	74.1% 75.3%	44.8 44.8	44.9 44.8	0.1	0.2%
76.5%	59.0	58.8	-0.1	-0.3%	76.5%	54.9	54.8	-0.1	-0.2%	76.5%	47.3	47.3	0.0	0.4%	76.5%	44.0 44.7	44.8	0.0	0.0%
77.8%	58.9	58.8	-0.1	-0.2%	77.8%	54.7	54.8	0.1	0.2%	77.8%	47.3	47.3	0.0	0.0%	77.8%	44.7	44.7	0.0	0.0%
79.0%	58.9	58.6	-0.3	-0.5%	79.0%	54.7	54.6	-0.1	-0.2%	79.0%	47.0	47.3	0.3	0.6%	79.0%	44.7	44.7	0.0	0.0%
80.2% 81.5%	58.8 58.7	58.6 58.6	-0.2 -0.1	-0.3% -0.2%	80.2% 81.5%	54.6 54.5	54.6 54.6	0.0	0.0% 0.2%	80.2% 81.5%	46.9 46.8	47.0 47.0	0.1 0.2	0.2%	80.2% 81.5%	44.7 44.6	44.7 44.7	0.0 0.1	0.0%
82.7%	58.7	58.5	-0.2	-0.3%	82.7%	54.5	54.5	0.0	0.0%	82.7%	46.8	46.9	0.1	0.2%	82.7%	44.6	44.6	0.0	0.0%
84.0%	58.6	58.5	-0.1	-0.2%	84.0%	54.4	54.4	0.0	0.0%	84.0%	46.7	46.9	0.2	0.4%	84.0%	44.4	44.5	0.1	0.2%
85.2% 86.4%	58.5 58.5	58.5 58.5	0.0	0.0%	85.2% 86.4%	54.2 54.0	54.3 54.3	0.1	0.2%	85.2% 86.4%	46.5 46.5	46.8 46.8	0.3	0.6%	85.2% 86.4%	44.2 44.1	44.5 44.2	0.3	0.7% 0.2%
87.7%	58.5	58.4	-0.1	-0.2%	87.7%	54.0	54.3	0.3	0.4%	87.7%	45.9	46.7	0.8	1.7%	87.7%	44.1 44.1	44.2	0.1	0.2%
88.9%	58.4	58.3	-0.1	-0.2%	88.9%	53.7	54.0	0.3	0.6%	88.9%	45.4	45.9	0.5	1.1%	88.9%	44.0	44.1	0.1	0.2%
90.1%	58.3	58.3	0.0	0.0%	90.1%	53.7	53.9	0.2	0.4%	90.1%	45.3	45.7	0.4	0.9%	90.1%	43.9	44.1	0.2	0.5%
91.4% 92.6%	58.2 58.2	58.2 58.2	0.0	0.0%	91.4% 92.6%	53.5 53.4	53.8 53.7	0.3	0.6%	91.4% 92.6%	45.3 45.2	45.6 45.5	0.3	0.7% 0.7%	91.4% 92.6%	43.3 43.2	43.7 43.2	0.4	0.9%
93.8%	58.1	58.1	0.0	0.0%	93.8%	53.3	53.3	0.0	0.0%	93.8%	45.2	45.4	0.2	0.4%	93.8%	42.9	42.9	0.0	0.0%
95.1%	58.0	58.0	0.0	0.0%	95.1%	52.6	53.1	0.5	1.0%	95.1%	45.1	45.2	0.1	0.2%	95.1%	42.7	42.9	0.2	0.5%
96.3% 97.5%	57.9 57.8	57.9 57.8	0.0	0.0%	96.3% 97.5%	52.3 52.0	52.5 52.0	0.2	0.4%	96.3% 97.5%	45.1 44.8	44.9 44.7	-0.2 -0.1	-0.4% -0.2%	96.3% 97.5%	42.6 41.8	42.6 41.8	0.0	0.0%
98.8%	57.8	57.6	-0.2	-0.3%	98.8%	51.8	51.2	-0.6	-1.2%	98.8%	44.0	43.8	-0.1	-0.5%	98.8%	41.4	41.4	0.0	0.0%
100.0%	57.8	57.6	-0.2	-0.3%	100.0%	51.8	51.2	-0.6	-1.2%	100.0%	44.0	43.8	-0.2	-0.5%	100.0%	41.4	41.4	0.0	0.0%
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Table SQ-20-9b

American River at the Mouth, Monthly Temperature
Probability of Exceedance

March

February

Percent		,			Percent					Percent		· '			Percent		,		
Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative
Probability		Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	53.8	53.9	0.1	0.2%	0.0%	60.8	59.5	-1.3	-2.1%	0.0%	65.1	65.3	0.2	0.3%	0.0%	74.1	73.9	-0.2	-0.3%
1.2%	53.4	53.4	0.0	0.0%	1.2%	59.2	59.5	0.3	0.5%	1.2%	64.7	64.9	0.2	0.3%	1.2%	71.8	71.7	-0.1	-0.1%
2.5%	53.3	53.3	0.0	0.0%	2.5%	58.7	59.2	0.5	0.9%	2.5%	64.7	64.7	0.0	0.0%	2.5%	70.3	70.3	0.0	0.0%
3.7%	53.2	53.3	0.1	0.2%	3.7%	58.6	58.6	0.0	0.0%	3.7%	64.6	64.6	0.0	0.0%	3.7%	70.0	70.1	0.1	0.1%
4.9%	53.1	53.1	0.0	0.0%	4.9%	58.4	58.4	0.0	0.0%	4.9%	64.6	64.1	-0.5	-0.8%	4.9%	69.2	69.2	0.0	0.0%
6.2%	52.7	52.5	-0.2	-0.4%	6.2%	58.4	58.4	0.0	0.0%	6.2%	63.7	63.4	-0.3	-0.5%	6.2%	69.0	69.0	0.0	0.0%
7.4%	52.5	52.3	-0.2	-0.4%	7.4%	58.0	58.1	0.1	0.2%	7.4%	63.4	63.2	-0.2	-0.3%	7.4%	68.3	67.9	-0.4	-0.6%
8.6%	51.9	52.0	0.1	0.2%	8.6%	57.5	57.5	0.0	0.0%	8.6%	63.3	63.0	-0.3	-0.5%	8.6%	68.2	67.7	-0.5	-0.7%
9.9%	51.8	51.9	0.1	0.2%	9.9%	57.1	57.3	0.2	0.4%	9.9%	62.7	62.6	-0.1	-0.2%	9.9%	68.2	67.6	-0.6	-0.9%
11.1%	51.7	51.8	0.1	0.2%	11.1%	56.9	56.9	0.0	0.0%	11.1%	62.5	62.5	0.0	0.0%	11.1%	67.9	67.0	-0.9	-1.3%
12.3%	51.5	51.3	-0.2	-0.4%	12.3%	56.4	56.4	0.0	0.0%	12.3%	62.4	62.4	0.0	0.0%	12.3%	67.5	66.9	-0.6	-0.9%
13.6%	51.4	51.2	-0.2	-0.4%	13.6%	56.1	56.1	0.0	0.0%	13.6%	62.3	62.3	0.0	0.0%	13.6%	67.2	66.8	-0.4	-0.6%
14.8%	51.3	51.1	-0.2	-0.4%	14.8%	56.0	55.9	-0.1	-0.2%	14.8%	62.2	62.2	0.0	0.0%	14.8%	67.1	66.5	-0.6	-0.9%
16.0%	50.8	50.7	-0.1	-0.2%	16.0%	55.9	55.9	0.0	0.0%	16.0%	62.0	61.6	-0.4	-0.6%	16.0%	66.8	66.5	-0.3	-0.4%
17.3%	50.7	50.7	0.0	0.0%	17.3%	55.8	55.8	0.0	0.0%	17.3%	61.7	61.5	-0.2	-0.3%	17.3%	66.5	66.3	-0.2	-0.3%
18.5%	50.6	50.6	0.0	0.0%	18.5%	55.7	55.7	0.0	0.0%	18.5%	61.6	61.4	-0.2	-0.3%	18.5%	66.5	66.3	-0.2	-0.3%
19.8%	50.6	50.3	-0.3	-0.6%	19.8%	55.4	55.6	0.2	0.4%	19.8%	61.4	61.2	-0.2	-0.3%	19.8%	66.4	66.2	-0.2	-0.3%
21.0%	50.3	50.2	-0.1	-0.2%	21.0%	55.4	55.5	0.1	0.2%	21.0%	61.2	61.2	0.0	0.0%	21.0%	66.4	66.1	-0.3	-0.5%
22.2% 23.5%	50.3 50.1	50.1 50.1	-0.2 0.0	-0.4% 0.0%	22.2% 23.5%	55.4 55.4	55.5 55.4	0.1	0.2%	22.2% 23.5%	61.2 61.1	61.2 61.1	0.0	0.0%	22.2% 23.5%	66.2 66.2	66.0 65.9	-0.2	-0.3%
																		-0.3	-0.5%
24.7% 25.9%	50.0	50.1	0.1	0.2%	24.7% 25.9%	55.2	55.3 55.3	0.1	0.2%	24.7%	61.1	61.1	0.0 -0.2	0.0%	24.7%	66.0	65.9 65.9	-0.1 0.0	-0.2%
	50.0 49.9	50.1 49.9	0.1	0.2%		55.1 55.1	55.1	0.2		25.9%	61.1 60.9	60.9 60.9	0.0	-0.3% 0.0%	25.9%	65.9 65.9	65.8		0.0%
27.2%		49.9 49.8			27.2%				0.0%	27.2%					27.2%			-0.1	-0.2%
28.4% 29.6%	49.8 49.7	49.8 49.8	0.0	0.0%	28.4%	55.0 55.0	55.1 55.0	0.1	0.2%	28.4%	60.7 60.3	60.7 60.4	0.0	0.0%	28.4%	65.8 65.8	65.7 65.6	-0.1	-0.2%
30.9%	49.7 49.6	49.8 49.4	-0.2	-0.4%	30.9%	55.0 54.7	55.0 54.8	0.0	0.0%	29.6% 30.9%	60.2	60.3	0.1	0.2%	29.6% 30.9%	65.7	65.5	-0.2 -0.2	-0.3% -0.3%
30.9%	49.6 49.6	49.4 49.4	-0.2	-0.4%	30.9%	54.7 54.7	54.8 54.7	0.1	0.2%	30.9%	60.2	60.2	0.1	0.2%	30.9%	65.6	65.5	-0.2	-0.3%
33.3%	49.4	49.4	0.0	0.0%	33.3%	54.7	54.7	0.0	0.0%	33.3%	59.9	59.9	0.0	0.0%	33.3%	65.4	65.3	-0.1	-0.2%
34.6%	49.4	49.4	-0.1	-0.2%	34.6%	54.7	54.7	0.0	0.0%	34.6%	59.9 59.8	59.8	0.0	0.0%	34.6%	65.3	65.2	-0.1	-0.2%
35.8%	49.4	49.3	0.0	0.0%	35.8%	54.7	54.7	-0.1	-0.2%	35.8%	59.7	59.7	0.0	0.0%	35.8%	64.9	64.9	0.0	0.0%
37.0%	49.3	49.2	-0.1	-0.2%	37.0%	54.6	54.6	0.0	0.0%	37.0%	59.6	59.6	0.0	0.0%	37.0%	64.7	64.7	0.0	0.0%
38.3%	49.2	49.2	0.0	0.0%	38.3%	54.6	54.6	0.0	0.0%	38.3%	59.6	59.6	0.0	0.0%	38.3%	64.6	64.4	-0.2	-0.3%
39.5%	49.1	49.1	0.0	0.0%	39.5%	54.6	54.5	-0.1	-0.2%	39.5%	59.5	59.5	0.0	0.0%	39.5%	64.4	64.3	-0.2	-0.2%
40.7%	49.1	49.1	0.0	0.0%	40.7%	54.5	54.5	0.0	0.0%	40.7%	59.3	59.3	0.0	0.0%	40.7%	64.1	64.1	0.0	0.0%
42.0%	49.1	49.1	0.0	0.0%	42.0%	54.4	54.4	0.0	0.0%	42.0%	59.2	59.2	0.0	0.0%	42.0%	64.0	64.0	0.0	0.0%
43.2%	49.0	49.0	0.0	0.0%	43.2%	54.3	54.4	0.1	0.2%	43.2%	59.1	59.1	0.0	0.0%	43.2%	63.8	63.8	0.0	0.0%
44.4%	48.8	48.9	0.1	0.2%	44.4%	54.0	54.3	0.3	0.6%	44.4%	59.1	59.1	0.0	0.0%	44.4%	63.8	63.8	0.0	0.0%
45.7%	48.8	48.9	0.1	0.2%	45.7%	54.0	54.0	0.0	0.0%	45.7%	59.0	58.9	-0.1	-0.2%	45.7%	63.7	63.7	0.0	0.0%
46.9%	48.7	48.8	0.1	0.2%	46.9%	53.9	54.0	0.1	0.2%	46.9%	58.9	58.9	0.0	0.0%	46.9%	63.6	63.6	0.0	0.0%
48.1%	48.7	48.8	0.1	0.2%	48.1%	53.9	53.9	0.0	0.0%	48.1%	58.8	58.8	0.0	0.0%	48.1%	63.4	63.3	-0.1	-0.2%
49.4%	48.6	48.7	0.1	0.2%	49.4%	53.7	53.8	0.1	0.2%	49.4%	58.8	58.8	0.0	0.0%	49.4%	63.3	63.0	-0.3	-0.5%
50.6%	48.6	48.6	0.0	0.0%	50.6%	53.7	53.7	0.0	0.0%	50.6%	58.7	58.7	0.0	0.0%	50.6%	62.6	62.6	0.0	0.0%
51.9%	48.5	48.5	0.0	0.0%	51.9%	53.7	53.7	0.0	0.0%	51.9%	58.6	58.6	0.0	0.0%	51.9%	62.6	62.6	0.0	0.0%
53.1%	48.4	48.4	0.0	0.0%	53.1%	53.5	53.6	0.1	0.2%	53.1%	58.5	58.4	-0.1	-0.2%	53.1%	62.6	62.6	0.0	0.0%
54.3%	48.4	48.3	-0.1	-0.2%	54.3%	53.3	53.4	0.1	0.2%	54.3%	58.4	58.3	-0.1	-0.2%	54.3%	62.6	62.6	0.0	0.0%
55.6%	48.3	48.3	0.0	0.0%	55.6%	53.3	53.4	0.1	0.2%	55.6%	58.3	58.2	-0.1	-0.2%	55.6%	62.6	62.6	0.0	0.0%
56.8%	48.3	48.2	-0.1	-0.2%	56.8%	53.2	53.3	0.1	0.2%	56.8%	58.1	58.1	0.0	0.0%	56.8%	62.5	62.5	0.0	0.0%
58.0%	48.3	48.2	-0.1	-0.2%	58.0%	53.2	53.2	0.0	0.0%	58.0%	58.1	58.1	0.0	0.0%	58.0%	62.1	62.3	0.2	0.3%
59.3%	48.2	48.2	0.0	0.0%	59.3%	53.0	53.0	0.0	0.0%	59.3%	58.0	58.1	0.1	0.2%	59.3%	62.1	62.1	0.0	0.0%
60.5%	48.2	48.2	0.0	0.0%	60.5%	52.7	52.8	0.1	0.2%	60.5%	57.9	58.0	0.1	0.2%	60.5%	62.0	62.0	0.0	0.0%
61.7%	48.2	48.1	-0.1	-0.2%	61.7%	52.6	52.6	0.0	0.0%	61.7%	57.7	57.9	0.2	0.3%	61.7%	62.0	62.0	0.0	0.0%
63.0%	48.1	48.1	0.0	0.0%	63.0%	52.6	52.6	0.0	0.0%	63.0%	57.7	57.8	0.1	0.2%	63.0%	61.9	61.9	0.0	0.0%
64.2%	48.1	48.0	-0.1	-0.2%	64.2%	52.6	52.6	0.0	0.0%	64.2%	57.7	57.7	0.0	0.0%	64.2%	61.8	61.8	0.0	0.0%
65.4%	48.0	48.0	0.0	0.0%	65.4%	52.5	52.6	0.1	0.2%	65.4%	57.2	57.6	0.4	0.7%	65.4%	61.8	61.8	0.0	0.0%
66.7%	48.0	48.0	0.0	0.0%	66.7%	52.5	52.5	0.0	0.0%	66.7%	57.1	57.2	0.1	0.2%	66.7%	61.8	61.8	0.0	0.0%
67.9%	48.0	47.9	-0.1	-0.2%	67.9%	52.5	52.5	0.0	0.0%	67.9%	57.1	57.1	0.0	0.0%	67.9%	61.5	61.5	0.0	0.0%
69.1%	48.0	47.9	-0.1	-0.2%	69.1%	52.4	52.4	0.0	0.0%	69.1%	57.1	56.8	-0.3	-0.5%	69.1%	61.5	61.5	0.0	0.0%
70.4%	48.0	47.9	-0.1	-0.2%	70.4%	52.4	52.4	0.0	0.0%	70.4%	56.8	56.8	0.0	0.0%	70.4%	61.2	61.2	0.0	0.0%
71.6% 72.8%	47.9	47.8 47.7	-0.1	-0.2%	71.6% 72.8%	52.4	52.4	0.0	0.0%	71.6% 72.8%	56.8	56.7	-0.1	-0.2%	71.6% 72.8%	61.1	61.1	0.0	0.0%
72.8%	47.8 47.7	47.7	-0.1	-0.2% 0.0%	72.8%	52.3 52.1	52.3 52.1	0.0	0.0%		56.6 56.5	56.6 56.5	0.0	0.0%	72.8%	61.1 61.0	61.1 61.0	0.0	0.0%
74.1%	47.7 47.7	47.7 47.6	0.0 -0.1	-0.2%	74.1% 75.3%	52.1 51.9	52.1 51.9	0.0	0.0%	74.1% 75.3%	56.5 56.4	56.4	0.0	0.0%	74.1% 75.3%	61.0	61.0	0.0	0.0%
75.5% 76.5%	47.6	47.6 47.6	0.0	0.2%	76.5%	51.9	51.9	0.0	0.0%	76.5%	56.4 56.4	56.4	0.0	0.0%	76.5%	60.9	60.9	0.0	0.0%
77.8%	47.6	47.5	-0.1	-0.2%	77.8%	51.8	51.8	0.0	0.0%	77.8%	56.3	56.4	0.0	0.2%	77.8%	60.8	60.8	0.0	0.0%
79.0%	47.5	47.5 47.5	0.0	0.0%	77.6%	51.7	51.7	0.0	0.0%	79.0%	56.1	56.3	0.1	0.4%	77.8%	60.7	60.7	0.0	0.0%
80.2%	47.5 47.5	47.5 47.5	0.0	0.0%	80.2%	51.7	51.7	0.0	0.0%	80.2%	56.1	56.1	0.2	0.4%	80.2%	60.5	60.5	0.0	0.0%
81.5%	47.4	47.3	-0.1	-0.2%	81.5%	51.7	51.7	0.0	0.0%	81.5%	55.8	56.0	0.0	0.4%	81.5%	60.2	60.2	0.0	0.0%
82.7%	47.4	47.3	-0.1	-0.2%	82.7%	51.7	51.7	0.0	0.0%	82.7%	55.7	55.8	0.2	0.2%	82.7%	60.2	60.2	0.0	0.0%
84.0%	47.4	47.3	-0.1	-0.2%	84.0%	51.7	51.7	0.0	0.0%	84.0%	55.7	55.7	0.0	0.2%	84.0%	60.1	60.1	0.0	0.0%
85.2%	47.3	47.2	-0.1	-0.2%	85.2%	51.6	51.6	0.0	0.0%	85.2%	55.6	55.6	0.0	0.0%	85.2%	60.1	60.1	0.0	0.0%
86.4%	47.1	46.9	-0.1	-0.4%	86.4%	51.6	51.6	0.0	0.0%	86.4%	55.5	55.5	0.0	0.0%	86.4%	59.9	59.9	0.0	0.0%
87.7%	46.9	46.9	0.0	0.0%	87.7%	51.6	51.6	0.0	0.0%	87.7%	55.5	55.5	0.0	0.0%	87.7%	59.7	59.7	0.0	0.0%
88.9%	46.9	46.7	-0.2	-0.4%	88.9%	51.5	51.5	0.0	0.0%	88.9%	55.4	55.4	0.0	0.0%	88.9%	59.6	59.6	0.0	0.0%
90.1%	46.7	46.6	-0.1	-0.2%	90.1%	51.5	51.5	0.0	0.0%	90.1%	55.4	55.4	0.0	0.0%	90.1%	59.6	59.6	0.0	0.0%
91.4%	46.6	46.6	0.0	0.0%	91.4%	51.4	51.4	0.0	0.0%	91.4%	55.3	55.4	0.1	0.2%	91.4%	59.6	59.6	0.0	0.0%
92.6%	46.4	46.4	0.0	0.0%	92.6%	51.3	51.3	0.0	0.0%	92.6%	55.2	55.3	0.1	0.2%	92.6%	59.5	59.5	0.0	0.0%
93.8%	46.1	46.1	0.0	0.0%	93.8%	51.1	51.1	0.0	0.0%	93.8%	54.8	54.8	0.0	0.0%	93.8%	59.2	59.2	0.0	0.0%
95.1%	46.0	46.0	0.0	0.0%	95.1%	51.0	51.0	0.0	0.0%	95.1%	54.7	54.7	0.0	0.0%	95.1%	59.1	59.1	0.0	0.0%
96.3%	46.0	46.0	0.0	0.0%	96.3%	50.9	50.9	0.0	0.0%	96.3%	54.3	54.3	0.0	0.0%	96.3%	58.9	58.9	0.0	0.0%
97.5%	45.7	45.7	0.0	0.0%	97.5%	50.5	50.5	0.0	0.0%	97.5%	54.1	54.1	0.0	0.0%	97.5%	58.7	58.7	0.0	0.0%
98.8%	45.0	45.0	0.0	0.0%	98.8%	50.5	50.5	0.0	0.0%	98.8%	52.5	52.5	0.0	0.0%	98.8%	58.6	58.6	0.0	0.0%
100.0%	45.0	45.0	0.0	0.0%	100.0%	50.5	50.5	0.0	0.0%	100.0%	52.5	52.5	0.0	0.0%	100.0%	58.6	58.6	0.0	0.0%

Table SQ-20-9b

American River at the Mouth, Monthly Temperature Probability of Exceedance

August

September

Percent Percent Percent Percent No Action Alternative Alternative D Absolute Relative Exceedance Relative Relative Relative Exceedance Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG.E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% (DEG-F) 0.0% 74.2 -0.1 0.0% 78.0 -0.4% 0.0% 75.5 0.0% 70.8 -0.6% 1.2% 74.3 73.6 -0.7 -0.9% 1.2% 77.5 75.6 -1.9 -2.5% 1.2% 74.7 74.7 0.0 0.0% 1.2% 71.1 70.7 -0.4 -0.6% 2.5% 73.6 -0.8% 2.5% 74.9 74.9 0.0% 2.5% 74.4 74.2 -0.2-0.3% 2.5% 70.9 70.4 -0.7% 3.7% 3.7% 73.1 72.8 -0.3 -0.4% 3.7% 74.5 746 0.1 0.1% 3.7% 74.1 73.7 -0.4 -0.5% 70.6 70.1 -0.5 -0.7% 4.9% 72.8 72.5 -0.3 -0.4% 4.9% 74.5 74.4 -0.1 -0.1% 4.9% 73.9 73.7 -0.2 -0.3% 4.9% 70.3 70.1 -0.2 -0.3% 6.2% 6.2% 6.2% 6.2% 72.7 72.2 -0.5 -0.7% 73.1 73.8 0.7 1.0% 73.8 73.3 -0.5 -0.7% 70.2 70.0 -0.2 -0.3% 7.4% 72.7 72.6 -0.7% -0.6% 7.4% 0.6 0.8% 7.4% 73.6 73.3 -0.3 -0.4 -0.4% 7.4% 69.8 -0.3 -0.2 -0.4% 8.6% 8.6% 8.6% 8.6 · . 9.9% 11.1% 12.3% 8.6% 72.2 -0.4 72.7 73.3 0.8% 73.5 73.1 -0.5% 70.0 69.8 -0.3% 0.1% 9.9% 0.0% 11.1% 12.3% 72.2 72.1 72.1 -0.1 -0.1% 11.1% 72.1 72.2 0.1 0.1% 11.1% 73.0 72.8 -0.2 -0.3% 69.7 69.6 -0.1 -0.1% 13.6% 13.6% 13.6% 0.0% 72.0 72.0 0.0 0.0% 71.8 72 N 0.2 0.3% 72.5 725 0.0 0.0% 69.6 69.6 0.0 72.4 16.0% 16.0% 16.0% 16.0% 71.9 71.8 -0.1 -0.1% 71.6 71.8 0.2 0.3% 72.2 72.0 -0.2 -0.3% 69.1 69.2 0.1 0.1% 18.5% 18.5% 71.7 0.4% 18.5% -0.5 18.5% 0.0% 71.5 71.5 0.0 0.0% 71.4 0.3 72.2 71.7 -0.7% 69.0 69.0 0.0 19.8% 21.0% 71.2 71.1 -0.1 0.2 -0.1% 0.3% 71.3 71.1 71.5 71.3 19.8% 21.0% -0.4 -0.4 -0.6% 19.8% 21.0% 0.0 0.2 21.0% 70.9 0.3% 72.0 71.6 -0.6% 69.0 69.0 0.0% 22.2% 23.5% 71.1 70.7 0.9% 22.2% 23.5% 71.3 71.1 0.4% 22.2% 23.5% -0.4 -0.4 -0.6% 22.2% 23.5% 68.9 0.6 68.9 0.0 71.9 71.5 70.2 0.7% 70.7 0.4 0.6% -0.6% 68.7 68.7 0.0% 24.7% 25.9% 70.1 70.0 0.9% 24.7% 25.9% 71.1 71.0 24.7% 25.9% -1.0% -0.8% 24.7% 25.9% 0.6 71.9 -0.7 -0.6 68.7 68.5 -0.2 -0.3 0.3% 70.5 0.4 0.6% 71.8 71.2 68.7 68.4 -0.4% 70.6 27.2% 28.4% 0.4% 27.2% 28.4% 69.9 70.2 27.2% 70.9 0.7% 27.2% -0.8 68.7 68.4 -0.3 -0.4% 70.1 0.4 28.4% 70.9 0.6 0.9% 28.4% 71.6 -0.8 -1.1% 68.6 -0.2 -0.3% 69.7 70.3 70.8 68.4 29.6% 30.9% 0.6% 29.6% 30.9% 29.6% 30.9% 29.6% 30.9% 69.5 69.3 0.4 70.8 70.8 0.6 70.8 70.7 -0.8 -0.7 -1.1% -1.0% -0.1 -0.3 0.9% 71.4 68.2 -0.4% 32.1% 69.3 0.3 0.4% 32.1% 70.2 70.6 0.4 0.6% 32.1% 71.4 70.7 -0.7 -1.0% 32.1% 68.4 68.2 -0.2 -0.3% 33.3% 69.3 0.2 0.3% 33.3% 70.5 0.3 0.4% 33.3% 71.3 70.7 -0.6 -0.8% 33.3% 68.4 68.1 -0.3 -0.4% 34.6% 69.1 69.4 0.3 0.4% 34.6% 70.1 70.5 0.4 0.6% 34.6% 71.3 70.6 -0.7 -1.0% 34.6% 68.3 68.1 -0.2 -0.3% 35.8% 0.6% 35.8% 35.8% -0.8% 35.8% 70.4 0.7% 71.1 68.1 0.0 0.0% 37.0% 69.0 69.3 0.3 0.4% 37.0% 69.8 70.2 0.4 0.6% 37.0% 70.5 -0.5 -0.7%37.0% 68.0 68.1 0.1 0.1% 38.3% 0.4% 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Table SQ-33-9a Trinity River below Lewiston Dam, Monthly Temperature Long-term Average and Average by Water Year Type

					Mon	thly Temp	erature (DE	G-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	49.4	44.7	40.0	39.4	42.7	47.0	50.2	46.6	50.9	51.3	51.7	50.
Alternative D	49.3	44.6	39.9	39.5	42.7	46.9	50.3	46.6	50.8	51.1	51.3	50.
Difference	-0.1	-0.1	-0.1	0.2	0.0	-0.2	0.1	0.0	-0.1	-0.2	-0.4	0.1
Percent Difference ³	-0.2%	-0.2%	-0.2%	0.4%	0.0%	-0.4%	0.2%	-0.1%	-0.2%	-0.4%	-0.7%	0.19
				Water Y	ear Types	1						
Wet (32%)												
No Action Alternative	47.0	44.6	41.5	40.6	43.0	45.9	49.1	45.8	48.3	50.8	51.6	48.0
Alternative D	47.0	44.6	41.3	40.5	43.0	45.8	49.1	45.8	48.3	50.7	50.9	48.
Difference	0.1	0.0	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.0	-0.2	-0.7	0.2
Percent Difference	0.1%	0.1%	-0.3%	-0.2%	-0.1%	-0.3%	-0.1%	0.0%	0.0%	-0.3%	-1.4%	0.49
Above Normal (15%)												
No Action Alternative	48.2	43.3	40.2	38.6	42.6	47.3	49.9	45.9	50.6	51.6	50.9	48.
Alternative D	47.7	43.2	39.8	38.8	42.6	47.2	50.0	45.9	50.5	51.2	49.6	49.4
Difference	-0.5	-0.1	-0.4	0.1	0.0	-0.1	0.1	-0.1	-0.1	-0.4	-1.3	0.6
Percent Difference	-1.1%	-0.2%	-1.1%	0.3%	0.0%	-0.2%	0.2%	-0.2%	-0.2%	-0.8%	-2.5%	1.39
Below Normal (17%)												
No Action Alternative	50.2	44.7	39.0	38.7	41.9	46.8	51.1	46.4	51.3	52.0	52.0	51.3
Alternative D	50.2	44.7	39.1	38.8	41.9	46.7	51.6	46.5	51.3	51.6	52.2	51.5
Difference	0.0	0.0	0.2	0.1	0.0	-0.2	0.5	0.0	0.0	-0.3	0.1	0.2
Percent Difference	-0.1%	0.1%	0.4%	0.3%	0.0%	-0.4%	1.0%	0.1%	0.0%	-0.6%	0.3%	0.49
Dry (22%)												
No Action Alternative	49.5	45.0	39.6	38.4	42.4	47.9	51.4	46.7	51.9	50.7	50.1	50.3
Alternative D	49.7	44.7	39.4	39.0	42.4	47.6	51.1	46.6	51.7	50.5	50.5	50.4
Difference	0.2	-0.2	-0.2	0.6	0.0	-0.4	-0.2	-0.1	-0.2	-0.3	0.4	0.1
Percent Difference	0.4%	-0.5%	-0.4%	1.5%	0.1%	-0.8%	-0.4%	-0.2%	-0.5%	-0.5%	0.8%	0.29
Critical (15%)												
No Action Alternative	54.5	45.7	38.2	39.4	43.1	48.0	50.2	49.3	55.5	52.5	54.4	56.0
Alternative D	53.8	45.5	38.4	39.7	43.2	47.8	50.4	49.2	55.3	52.6	53.9	55.0
Difference	-0.7	-0.2	0.1	0.2	0.1	-0.2	0.2	-0.1	-0.2	0.1	-0.5	-1.0
Percent Difference	-1.3%	-0.5%	0.3%	0.6%	0.2%	-0.3%	0.4%	-0.2%	-0.3%	0.2%	-0.9%	-1.8



Figure SQ-33-9b Trinity River below Lewiston Dam, Monthly Temperature Probability of Exceedance

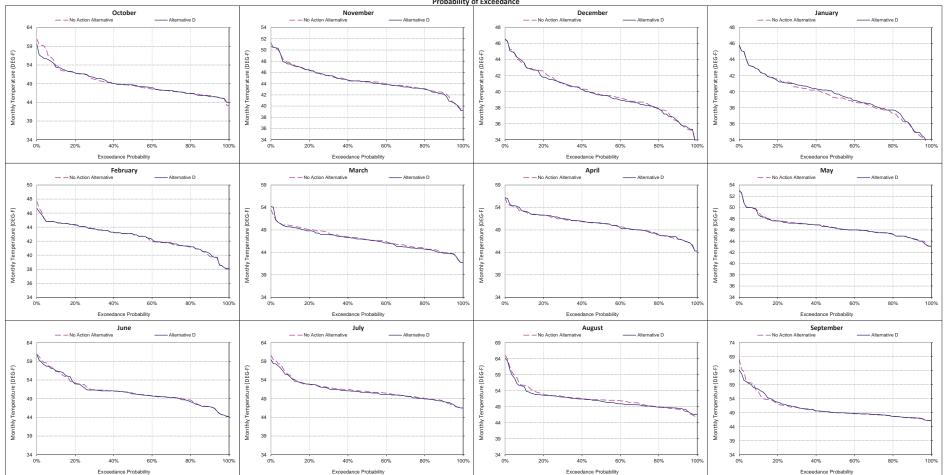


Table SQ-33-9b
Trinity River below Lewiston Dam, Monthly Temperature Probability of Exceedance

		October					November					December					January		
Percent Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Percent Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Percent Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Percent Exceedance	No Action Alternative	Alternative D	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	 Difference 	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probabilit		Monthly Temperature	- Difference	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	61.0	59.6	-1.4	-2.3%	0.0%	51.3	50.6	-0.7	-1.4%	0.0%	46.6	46.5	-0.1	-0.2%	0.0%	45.8	45.8	0.0	0.0%
1.2%	59.5	56.7	-2.8	-4.7%	1.2%	50.4	50.5	0.1	0.2%	1.2%	46.3	46.3	0.0	0.0%	1.2%	45.1	45.1	0.0	0.0%
2.5% 3.7%	59.3 59.1	56.2 55.8	-3.1 -3.3	-5.2% -5.6%	2.5% 3.7%	50.3 50.1	50.4 50.3	0.1	0.2% 0.4%	2.5% 3.7%	45.3 45.2	45.1 45.0	-0.2 -0.2	-0.4% -0.4%	2.5% 3.7%	45.0 44.0	45.0 44.0	0.0	0.0%
4.9%	58.1	55.7	-2.4	-4.1%	4.9%	49.3	49.3	0.2	0.4%	4.9%	45.2	44.8	0.0	0.0%	4.9%	43.3	43.3	0.0	0.0%
6.2%	56.1	55.4	-0.7	-1.2%	6.2%	48.4	47.9	-0.5	-1.0%	6.2%	44.1	44.3	0.2	0.5%	6.2%	43.2	43.2	0.0	0.0%
7.4%	56.1	55.0	-1.1	-2.0%	7.4%	48.1	47.8	-0.3	-0.6%	7.4%	43.9	44.1	0.2	0.5%	7.4%	43.1	43.1	0.0	0.0%
8.6%	55.4	54.5	-0.9	-1.6%	8.6%	47.8	47.5	-0.3	-0.6%	8.6%	43.6	43.9	0.3	0.7%	8.6%	42.9	42.9	0.0	0.0%
9.9%	53.8	53.4	-0.4	-0.7%	9.9%	47.7	47.5	-0.2	-0.4%	9.9%	43.5	43.6	0.1	0.2%	9.9%	42.8	42.8	0.0	0.0%
11.1%	53.7	53.3	-0.4	-0.7%	11.1%	47.4	47.3	-0.1	-0.2%	11.1%	43.0	43.0	0.0	0.0%	11.1%	42.4	42.4	0.0	0.0%
12.3% 13.6%	52.6 52.4	53.2 52.8	0.6	1.1%	12.3% 13.6%	47.3 47.0	47.1 47.1	-0.2 0.1	-0.4% 0.2%	12.3% 13.6%	42.8 42.8	42.9 42.9	0.1	0.2%	12.3% 13.6%	42.3 42.2	42.3 42.2	0.0	0.0%
14.8%	52.4	52.6	0.4	0.4%	14.8%	47.0	47.0	0.0	0.0%	14.8%	42.7	42.7	0.0	0.2%	14.8%	41.9	41.9	0.0	0.0%
16.0%	52.3	52.3	0.0	0.0%	16.0%	46.9	46.8	-0.1	-0.2%	16.0%	42.7	42.7	0.0	0.0%	16.0%	41.8	41.8	0.0	0.0%
17.3%	52.2	52.3	0.1	0.2%	17.3%	46.7	46.6	-0.1	-0.2%	17.3%	42.7	42.6	-0.1	-0.2%	17.3%	41.7	41.8	0.1	0.2%
18.5%	52.1	52.2	0.1	0.2%	18.5%	46.4	46.5	0.1	0.2%	18.5%	42.6	42.0	-0.6	-1.4%	18.5%	41.6	41.6	0.0	0.0% -0.5%
19.8%	51.8	51.9	0.1	0.2%	19.8%	46.3	46.5	0.2	0.4%	19.8%	42.6	41.8	-0.8	-1.9%	19.8%	41.6	41.4	-0.2	-0.5%
21.0%	51.7 51.6	51.7 51.7	0.0	0.0%	21.0% 22.2%	46.3 46.2	46.3 46.3	0.0	0.0% 0.2%	21.0% 22.2%	42.3 42.0	41.8 41.6	-0.5 -0.4	-1.2% -1.0%	21.0% 22.2%	41.5 41.2	41.2 41.2	-0.3 0.0	-0.7% 0.0%
23.5%	51.6	51.6	0.0	0.2%	23.5%	46.0	45.9	-0.1	-0.2%	23.5%	41.9	41.5	-0.4	-1.0%	23.5%	41.2	41.1	-0.1	-0.2%
24.7%	51.5	51.6	0.1	0.2%	24.7%	45.9	45.9	0.0	0.0%	24.7%	41.8	41.5	-0.3	-0.7%	24.7%	41.2	41.1	-0.1	-0.2%
25.9%	51.4	51.5	0.1	0.2%	25.9%	45.7	45.8	0.1	0.2%	25.9%	41.5	41.4	-0.1	-0.2%	25.9%	41.2	41.0	-0.2	-0.5%
27.2%	50.9	51.0	0.1	0.2%	27.2%	45.7	45.7	0.0	0.0%	27.2%	41.3	41.3	0.0	0.0%	27.2%	41.1	41.0	-0.1	-0.2%
28.4%	50.4	50.8	0.4	0.8%	28.4%	45.5	45.5	0.0	0.0%	28.4%	41.1	41.2	0.1	0.2%	28.4%	40.6	41.0	0.4	1.0%
29.6% 30.9%	50.2 50.1	50.7 50.4	0.5	1.0% 0.6%	29.6% 30.9%	45.5 45.3	45.5 45.4	0.0 0.1	0.0% 0.2%	29.6% 30.9%	41.1 40.9	41.1 41.0	0.0	0.0%	29.6% 30.9%	40.6 40.5	40.9 40.8	0.3	0.7%
30.9%	49.8	50.4	0.6	1.2%	32.1%	45.3 45.2	45.4 45.4	0.1	0.4%	30.9%	40.9	41.0	0.1	0.2%	30.9%	40.5 40.5	40.8	0.3	0.7% 0.7%
33.3%	49.7	50.4	0.7	1.4%	33.3%	45.1	45.2	0.1	0.2%	33.3%	40.7	40.8	0.1	0.2%	33.3%	40.4	40.7	0.3	0.7%
34.6%	49.6	50.1	0.5	1.0%	34.6%	45.0	44.9	-0.1	-0.2%	34.6%	40.6	40.7	0.1	0.2%	34.6%	40.4	40.7	0.3	0.7%
35.8%	49.3	49.9	0.6	1.2%	35.8%	45.0	44.9	-0.1	-0.2%	35.8%	40.6	40.6	0.0	0.0%	35.8%	40.3	40.6	0.3	0.7%
37.0%	49.3	49.4	0.1	0.2%	37.0%	45.0	44.8	-0.2	-0.4%	37.0%	40.6	40.6	0.0	0.0%	37.0%	40.2	40.5	0.3	0.7%
38.3%	49.3	49.3	0.0	0.0%	38.3%	44.8	44.8	0.0	0.0%	38.3%	40.6	40.5	-0.1	-0.2%	38.3%	40.2	40.4	0.2	0.5%
39.5% 40.7%	49.1 49.0	49.0 49.0	-0.1 0.0	-0.2% 0.0%	39.5% 40.7%	44.8 44.6	44.7 44.5	-0.1 -0.1	-0.2% -0.2%	39.5% 40.7%	40.4 40.3	40.3 40.2	-0.1 -0.1	-0.2% -0.2%	39.5% 40.7%	40.2 40.1	40.4 40.3	0.2	0.5% 0.5%
42.0%	48.9	48.8	-0.1	-0.2%	42.0%	44.5	44.5	0.0	0.0%	42.0%	40.3	40.0	-0.1	-0.7%	42.0%	40.1	40.3	0.2	0.5%
43.2%	48.9	48.8	-0.1	-0.2%	43.2%	44.5	44.5	0.0	0.0%	43.2%	40.2	40.0	-0.2	-0.5%	43.2%	39.9	40.2	0.3	0.8%
44.4%	48.7	48.8	0.1	0.2%	44.4%	44.5	44.5	0.0	0.0%	44.4%	39.9	39.9	0.0	0.0%	44.4%	39.8	40.2	0.4	1.0%
45.7%	48.7	48.8	0.1	0.2%	45.7%	44.5	44.5	0.0	0.0%	45.7%	39.8	39.9	0.1	0.3%	45.7%	39.7	40.2	0.5	1.3%
46.9%	48.7	48.7	0.0	0.0%	46.9%	44.4	44.4	0.0	0.0%	46.9%	39.8	39.7	-0.1	-0.3%	46.9%	39.6	40.1	0.5	1.3%
48.1% 49.4%	48.5 48.5	48.7 48.7	0.2	0.4%	48.1% 49.4%	44.4 44.3	44.4 44.4	0.0	0.0% 0.2%	48.1% 49.4%	39.8 39.6	39.6 39.6	-0.2 0.0	-0.5% 0.0%	48.1% 49.4%	39.3 39.3	40.1 39.8	0.8	2.0%
50.6%	48.5	48.6	0.1	0.4%	50.6%	44.3	44.4	0.1	0.2%	50.6%	39.6	39.5	-0.1	-0.3%	50.6%	39.2	39.7	0.5	1.3%
51.9%	48.2	48.5	0.3	0.6%	51.9%	44.3	44.3	0.0	0.0%	51.9%	39.6	39.5	-0.1	-0.3%	51.9%	39.2	39.7	0.5	1.3%
53.1%	48.2	48.2	0.0	0.0%	53.1%	44.3	44.1	-0.2	-0.5%	53.1%	39.5	39.5	0.0	0.0%	53.1%	39.2	39.5	0.3	0.8%
54.3%	48.0	48.2	0.2	0.4%	54.3%	44.3	44.1	-0.2	-0.5%	54.3%	39.5	39.4	-0.1	-0.3%	54.3%	39.2	39.4	0.2	0.5%
55.6%	47.9	48.2	0.3	0.6%	55.6%	44.3	44.0	-0.3	-0.7%	55.6%	39.5	39.2	-0.3	-0.8%	55.6%	39.0	39.3	0.3	0.8%
56.8%	47.8	48.1	0.3	0.6%	56.8%	44.1	44.0	-0.1	-0.2%	56.8%	39.4	39.1	-0.3	-0.8%	56.8%	38.9	39.2	0.3	0.8%
58.0% 59.3%	47.8 47.6	48.1 47.9	0.3	0.6%	58.0% 59.3%	44.1 44.0	43.9 43.9	-0.2 -0.1	-0.5% -0.2%	58.0% 59.3%	39.3 39.3	39.1 39.0	-0.2 -0.3	-0.5% -0.8%	58.0% 59.3%	38.9 38.7	39.2 38.9	0.3	0.8%
60.5%	47.5	47.9	0.4	0.8%	60.5%	44.0	43.8	-0.2	-0.5%	60.5%	39.2	38.9	-0.3	-0.8%	60.5%	38.7	38.9	0.2	0.5%
61.7%	47.5	47.4	-0.1	-0.2%	61.7%	43.8	43.8	0.0	0.0%	61.7%	39.1	38.9	-0.2	-0.5%	61.7%	38.6	38.8	0.2	0.5%
63.0%	47.4	47.4	0.0	0.0%	63.0%	43.7	43.7	0.0	0.0%	63.0%	39.0	38.8	-0.2	-0.5%	63.0%	38.6	38.7	0.1	0.3%
64.2%	47.2	47.3	0.1	0.2%	64.2%	43.7	43.7	0.0	0.0%	64.2%	38.9	38.8	-0.1	-0.3%	64.2%	38.6	38.6	0.0	0.0%
65.4%	47.2	47.3 47.2	0.1	0.2%	65.4%	43.7 43.7	43.6	-0.1	-0.2%	65.4%	38.8 38.8	38.7 38.7	-0.1 -0.1	-0.3%	65.4%	38.5 38.4	38.6 38.5	0.1 0.1	0.3%
66.7% 67.9%	47.2 47.2	47.2	0.0	0.0%	66.7% 67.9%	43.7	43.6 43.5	-0.1 -0.2	-0.2% -0.5%	66.7% 67.9%	38.8	38.6	-0.1	-0.3% -0.5%	66.7% 67.9%	38.3	38.5	0.2	0.3%
69.1%	47.0	47.2	0.2	0.4%	69.1%	43.6	43.4	-0.2	-0.5%	69.1%	38.7	38.6	-0.1	-0.3%	69.1%	38.2	38.4	0.2	0.5%
70.4%	46.9	47.2	0.3	0.6%	70.4%	43.6	43.4	-0.2	-0.5%	70.4%	38.7	38.4	-0.3	-0.8%	70.4%	38.0	38.2	0.2	0.5%
71.6%	46.9	46.9	0.0	0.0%	71.6%	43.4	43.4	0.0	0.0%	71.6%	38.7	38.4	-0.3	-0.8%	71.6%	37.9	38.1	0.2	0.5%
72.8%	46.8	46.9	0.1	0.2%	72.8%	43.4	43.3	-0.1	-0.2%	72.8%	38.6	38.3	-0.3	-0.8%	72.8%	37.9	38.0	0.1	0.3%
74.1% 75.3%	46.8 46.7	46.8 46.8	0.0 0.1	0.0% 0.2%	74.1% 75.3%	43.3 43.3	43.2 43.2	-0.1 -0.1	-0.2% -0.2%	74.1% 75.3%	38.5 38.3	38.3 38.2	-0.2 -0.1	-0.5% -0.3%	74.1% 75.3%	37.8 37.7	37.9 37.9	0.1 0.2	0.3% 0.5%
76.5%	46.7	46.6	-0.1	-0.2%	76.5%	43.2	43.2	0.0	0.0%	76.5%	38.3	38.2	-0.1	-0.3%	76.5%	37.7	37.7	0.2	0.0%
77.8%	46.5	46.4	-0.1	-0.2%	77.8%	43.2	43.1	-0.1	-0.2%	77.8%	38.1	38.0	-0.1	-0.3%	77.8%	37.7	37.7	0.0	0.0%
79.0%	46.4	46.4	0.0	0.0%	79.0%	43.1	43.1	0.0	0.0%	79.0%	37.9	38.0	0.1	0.3%	79.0%	37.4	37.7	0.3	0.8%
80.2%	46.4	46.3	-0.1	-0.2%	80.2%	43.1	43.0	-0.1	-0.2%	80.2%	37.8	37.8	0.0	0.0%	80.2%	37.2	37.7	0.5	1.3%
81.5%	46.4	46.3	-0.1	-0.2%	81.5%	42.9	42.9	0.0	0.0%	81.5%	37.7	37.6	-0.1	-0.3%	81.5%	37.2	37.6	0.4	1.1%
82.7% 84.0%	46.3 46.2	46.1 45.9	-0.2	-0.4% -0.6%	82.7% 84.0%	42.7 42.7	42.8 42.5	0.1 -0.2	0.2% -0.5%	82.7% 84.0%	37.7 37.6	37.2 37.2	-0.5 -0.4	-1.3% -1.1%	82.7%	36.8 36.7	37.4 37.2	0.6 0.5	1.6%
85.2%	46.0	45.8	-0.3 -0.2	-0.4%	85.2%	42.7	42.5	-0.2	-0.5%	85.2%	37.3	36.9	-0.4	-1.1%	84.0% 85.2%	36.3	36.7	0.5	1.4% 1.1%
86.4%	46.0	45.8	-0.2	-0.4%	86.4%	42.6	42.4	-0.1	-0.5%	86.4%	36.8	36.9	0.1	0.3%	86.4%	36.2	36.3	0.4	0.3%
87.7%	45.9	45.8	-0.1	-0.2%	87.7%	42.5	42.2	-0.3	-0.7%	87.7%	36.5	36.8	0.3	0.8%	87.7%	36.2	36.2	0.0	0.0%
88.9%	45.9	45.7	-0.2	-0.4%	88.9%	42.5	42.2	-0.3	-0.7%	88.9%	36.4	36.5	0.1	0.3%	88.9%	35.8	35.9	0.1	0.3%
90.1%	45.8	45.5	-0.3	-0.7%	90.1%	42.2	42.1	-0.1	-0.2%	90.1%	36.2	36.3	0.1	0.3%	90.1%	35.3	35.4	0.1	0.3%
91.4%	45.8	45.5	-0.3	-0.7%	91.4%	42.1	41.7	-0.4	-1.0%	91.4%	35.9	35.9	0.0	0.0%	91.4%	34.9	35.0	0.1	0.3%
92.6% 93.8%	45.5 45.4	45.5 45.4	0.0	0.0%	92.6% 93.8%	41.7 40.9	40.9 40.8	-0.8 -0.1	-1.9% -0.2%	92.6% 93.8%	35.7 35.5	35.7 35.7	0.0 0.2	0.0%	92.6% 93.8%	34.9 34.5	34.9 34.9	0.0 0.4	0.0% 1.2%
95.1%	45.4	45.4	-0.1	-0.2%	95.1%	40.6	40.6	0.0	0.0%	95.1%	35.3	35.5	0.2	0.6%	95.1%	34.3	34.5	0.4	0.6%
96.3%	45.2	45.1	-0.1	-0.2%	96.3%	40.4	40.3	-0.1	-0.2%	96.3%	35.2	35.3	0.1	0.3%	96.3%	34.2	34.3	0.1	0.3%
97.5%	45.0	45.0	0.0	0.0%	97.5%	39.7	40.0	0.3	0.8%	97.5%	35.2	35.3	0.1	0.3%	97.5%	33.7	33.7	0.0	0.0%
98.8%	43.2	44.0	0.8	1.9%	98.8%	39.5	39.2	-0.3	-0.8%	98.8%	34.0	33.9	-0.1	-0.3%	98.8%	29.5	29.5	0.0	0.0%
100.0%	43.2	44.0	0.8	1.9%	100.0%	39.5	39.2	-0.3	-0.8%	100.0%	34.0	33.9	-0.1	-0.3%	100.0%	29.5	29.5	0.0	0.0%

Table SQ-33-9b
Trinity River below Lewiston Dam, Monthly Temperature Probability of Exceedance

										of Exceedance									
Percent		February			Percent		March			Percent		April			Percent		May		
Exceedance	No Action Alternative		Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative
Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)
0.0%	47.7	46.7	-1.0	-2.1%	0.0%	53.5	54.2	0.7	1.3%	0.0%	56.2	56.2	0.0	0.0%	0.0%	53.0	53.0	0.0	0.0%
1.2%	46.7	46.2	-0.5	-1.1%	1.2%	52.4	54.1	1.7	3.2%	1.2%	54.7	56.0	1.3	2.4%	1.2%	52.6	52.6	0.0	0.0%
2.5% 3.7%	46.2 45.3	45.8 45.3	-0.4 0.0	-0.9% 0.0%	2.5% 3.7%	51.2 50.7	51.3 50.7	0.1 0.0	0.2% 0.0%	2.5% 3.7%	54.5 54.3	54.7 54.4	0.2 0.1	0.4% 0.2%	2.5% 3.7%	50.8 50.1	50.8 50.0	0.0 -0.1	0.0% -0.2%
4.9%	45.3 44.8	45.3	0.0	0.0%	4.9%	50.7	50.7	0.0	0.0%	4.9%	54.3	54.4	0.1	0.2%	4.9%	50.1	50.0	0.0	0.2%
6.2%	44.8	44.8	0.0	0.0%	6.2%	50.1	50.0	-0.1	-0.2%	6.2%	54.0	54.3	0.3	0.6%	6.2%	50.0	50.0	0.0	0.0%
7.4%	44.8	44.8	0.0	0.0%	7.4%	50.1	49.8 49.7	-0.3	-0.6%	7.4%	53.3	54.0	0.7	1.3%	7.4%	49.8	49.9	0.1	0.2%
8.6% 9.9%	44.8 44.7	44.8 44.7	0.0	0.0%	8.6% 9.9%	50.1 50.0	49.7 49.7	-0.4 -0.3	-0.8% -0.6%	8.6% 9.9%	53.2 53.1	53.3 53.2	0.1 0.1	0.2%	8.6% 9.9%	49.7 49.3	49.8 48.7	0.1 -0.6	0.2% -1.2%
11.1%	44.6	44.6	0.0	0.0%	11.1%	49.9	49.6	-0.3	-0.6%	11.1%	52.9	53.1	0.2	0.4%	11.1%	48.7	48.4	-0.3	-0.6%
12.3%	44.6	44.6	0.0	0.0%	12.3%	49.8	49.5	-0.3	-0.6%	12.3%	52.5	52.9	0.4	0.8%	12.3%	48.3	48.3	0.0	0.0%
13.6% 14.8%	44.5 44.5	44.5 44.5	0.0	0.0%	13.6% 14.8%	49.7 49.6	49.4 49.3	-0.3 -0.3	-0.6% -0.6%	13.6% 14.8%	52.5 52.4	52.5 52.5	0.0	0.0%	13.6% 14.8%	48.1 48.1	48.3 47.9	0.2 -0.2	0.4% -0.4%
16.0%	44.5	44.5	0.0	0.0%	16.0%	49.4	49.1	-0.3	-0.6%	16.0%	52.4	52.4	0.0	0.0%	16.0%	47.9	47.8	-0.1	-0.2%
17.3%	44.4	44.4	0.0	0.0%	17.3%	49.3	49.0	-0.3	-0.6%	17.3%	52.3	52.4	0.1	0.2%	17.3%	47.8	47.6	-0.2	-0.4%
18.5% 19.8%	44.4 44.4	44.4 44.3	0.0 -0.1	0.0%	18.5% 19.8%	49.2 49.1	48.8 48.8	-0.4 -0.3	-0.8% -0.6%	18.5% 19.8%	52.3 52.3	52.3 52.3	0.0	0.0%	18.5% 19.8%	47.7 47.6	47.6 47.6	-0.1 0.0	-0.2% 0.0%
21.0%	44.3	44.3	0.0	0.0%	21.0%	49.1	48.8	-0.3	-0.6%	21.0%	52.3	52.3	0.0	0.0%	21.0%	47.6	47.6	0.0	0.0%
22.2%	44.1	44.1	0.0	0.0%	22.2%	49.0	48.7	-0.3	-0.6%	22.2%	52.2	52.2	0.0	0.0%	22.2%	47.6	47.5	-0.1	-0.2%
23.5% 24.7%	44.1 44.1	44.1 44.1	0.0	0.0%	23.5%	48.8	48.3 48.3	-0.5	-1.0%	23.5%	51.9 51.8	52.2	0.3	0.6%	23.5% 24.7%	47.5 47.5	47.3 47.3	-0.2	-0.4%
25.9%	44.1 44.0	44.1 44.0	0.0	0.0%	24.7% 25.9%	48.8 48.8	48.3 48.0	-0.5 -0.8	-1.0% -1.6%	24.7% 25.9%	51.8 51.8	52.0 51.9	0.2	0.4%	25.9%	47.5 47.3	47.3 47.2	-0.2 -0.1	-0.4% -0.2%
27.2%	44.0	43.8	-0.2	-0.5%	27.2%	48.7	48.0	-0.7	-1.4%	27.2%	51.5	51.9	0.4	0.8%	27.2%	47.3	47.2	-0.1	-0.2%
28.4%	43.8	43.8	0.0	0.0%	28.4%	48.7	48.0	-0.7	-1.4%	28.4%	51.5	51.7	0.2	0.4%	28.4%	47.3	47.2	-0.1	-0.2%
29.6% 30.9%	43.7 43.6	43.8 43.7	0.1 0.1	0.2% 0.2%	29.6% 30.9%	48.5 48.0	48.0 47.9	-0.5 -0.1	-1.0% -0.2%	29.6% 30.9%	51.4 51.3	51.5 51.5	0.1 0.2	0.2%	29.6% 30.9%	47.2 47.2	47.2 47.1	0.0 -0.1	0.0% -0.2%
30.9%	43.6	43.7	0.0	0.2%	30.9%	48.0	47.9	-0.1	-0.2%	30.9%	51.3	51.5	0.2	0.4%	30.9%	47.2	47.1	-0.1	-0.2%
33.3%	43.6	43.6	0.0	0.0%	33.3%	47.9	47.8	-0.1	-0.2%	33.3%	51.2	51.4	0.2	0.4%	33.3%	47.1	47.1	0.0	0.0%
34.6%	43.6	43.5	-0.1	-0.2%	34.6%	47.9	47.6	-0.3	-0.6%	34.6%	51.1	51.1	0.0	0.0%	34.6%	47.1	47.1	0.0	0.0%
35.8% 37.0%	43.5 43.5	43.5 43.5	0.0	0.0%	35.8% 37.0%	47.6 47.6	47.6 47.5	0.0 -0.1	0.0% -0.2%	35.8% 37.0%	51.1 51.0	51.1 51.1	0.0 0.1	0.0% 0.2%	35.8% 37.0%	47.0 47.0	47.0 47.0	0.0	0.0%
38.3%	43.3	43.3	0.0	0.0%	38.3%	47.6	47.4	-0.2	-0.4%	38.3%	51.0	51.0	0.0	0.0%	38.3%	47.0	47.0	0.0	0.0%
39.5%	43.3	43.3	0.0	0.0%	39.5%	47.5	47.3	-0.2	-0.4%	39.5%	50.9	51.0	0.1	0.2%	39.5%	46.9	46.9	0.0	0.0%
40.7%	43.2	43.2	0.0	0.0%	40.7%	47.4	47.3	-0.1	-0.2%	40.7%	50.8	50.9	0.1	0.2%	40.7%	46.9	46.9	0.0	0.0%
42.0% 43.2%	43.2 43.2	43.2 43.2	0.0	0.0%	42.0% 43.2%	47.4 47.3	47.2 47.2	-0.2 -0.1	-0.4% -0.2%	42.0% 43.2%	50.7 50.7	50.8 50.7	0.1	0.2%	42.0% 43.2%	46.9 46.9	46.9 46.6	0.0 -0.3	0.0% -0.6%
44.4%	43.1	43.1	0.0	0.0%	44.4%	47.3	47.0	-0.3	-0.6%	44.4%	50.6	50.7	0.1	0.2%	44.4%	46.7	46.6	-0.1	-0.2%
45.7%	43.1	43.1	0.0	0.0%	45.7%	47.2	47.0	-0.2	-0.4%	45.7%	50.6	50.7	0.1	0.2%	45.7%	46.6	46.6	0.0	0.0%
46.9%	43.1	43.1 43.1	0.0	0.0%	46.9% 48.1%	47.0 47.0	47.0 46.9	0.0	0.0%	46.9%	50.6	50.6 50.6	0.0	0.0%	46.9% 48.1%	46.6 46.5	46.5 46.4	-0.1	-0.2%
48.1% 49.4%	43.1 43.1	43.1	0.0	0.0%	49.4%	46.9	46.8	-0.1 -0.1	-0.2% -0.2%	48.1% 49.4%	50.6 50.4	50.6	0.0	0.4%	49.4%	46.4	46.4	-0.1 0.0	-0.2% 0.0%
50.6%	42.9	42.9	0.0	0.0%	50.6%	46.8	46.8	0.0	0.0%	50.6%	50.4	50.4	0.0	0.0%	50.6%	46.4	46.2	-0.2	-0.4%
51.9%	42.9	42.9	0.0	0.0%	51.9%	46.7	46.7	0.0	0.0%	51.9%	50.4	50.4	0.0	0.0%	51.9%	46.2	46.2	0.0	0.0%
53.1% 54.3%	42.7 42.7	42.7 42.7	0.0	0.0%	53.1% 54.3%	46.7 46.7	46.6 46.6	-0.1 -0.1	-0.2% -0.2%	53.1% 54.3%	50.3 50.3	50.4 50.3	0.1	0.2%	53.1% 54.3%	46.2 46.1	46.1 46.1	-0.1 0.0	-0.2% 0.0%
55.6%	42.7	42.7	0.0	0.0%	55.6%	46.7	46.5	-0.1	-0.4%	55.6%	50.1	50.0	-0.1	-0.2%	55.6%	46.1	46.1	0.0	0.0%
56.8%	42.6	42.6	0.0	0.0%	56.8%	46.6	46.4	-0.2	-0.4%	56.8%	50.0	50.0	0.0	0.0%	56.8%	46.0	46.0	0.0	0.0%
58.0%	42.4	42.4	0.0	0.0%	58.0%	46.6	46.3	-0.3	-0.6%	58.0%	50.0	49.9	-0.1	-0.2%	58.0%	46.0	46.0	0.0	0.0%
59.3% 60.5%	42.0 41.9	42.4 42.1	0.4	1.0% 0.5%	59.3% 60.5%	46.5 46.3	46.1 46.1	-0.4 -0.2	-0.9% -0.4%	59.3% 60.5%	49.9 49.7	49.7 49.3	-0.2 -0.4	-0.4% -0.8%	59.3% 60.5%	46.0 46.0	46.0 46.0	0.0	0.0%
61.7%	41.9	41.9	0.0	0.0%	61.7%	46.1	46.0	-0.1	-0.2%	61.7%	49.6	49.3	-0.3	-0.6%	61.7%	46.0	46.0	0.0	0.0%
63.0%	41.9	41.9	0.0	0.0%	63.0%	46.0	46.0	0.0	0.0%	63.0%	49.3	49.3	0.0	0.0%	63.0%	46.0	45.9	-0.1	-0.2%
64.2% 65.4%	41.8 41.8	41.9 41.8	0.1	0.2%	64.2% 65.4%	45.9 45.8	45.7 45.3	-0.2 -0.5	-0.4% -1.1%	64.2% 65.4%	49.3 49.1	49.3 49.2	0.0 0.1	0.0%	64.2% 65.4%	46.0 45.9	45.9 45.9	-0.1 0.0	-0.2% 0.0%
66.7%	41.8	41.8	0.0	0.0%	66.7%	45.6 45.7	45.3	-0.5	-0.9%	66.7%	49.1	49.2	0.0	0.2%	66.7%	45.9 45.8	45.9	0.0	0.0%
67.9%	41.7	41.8	0.1	0.2%	67.9%	45.7	45.3	-0.4	-0.9%	67.9%	49.0	49.1	0.1	0.2%	67.9%	45.7	45.7	0.0	0.0%
69.1%	41.7	41.8	0.1	0.2%	69.1%	45.7	45.2	-0.5	-1.1%	69.1%	49.0	49.0	0.0	0.0%	69.1%	45.7	45.7	0.0	0.0%
70.4% 71.6%	41.6 41.4	41.7 41.6	0.1 0.2	0.2%	70.4% 71.6%	45.4 45.3	45.2 45.1	-0.2 -0.2	-0.4% -0.4%	70.4% 71.6%	49.0 48.9	49.0 48.9	0.0	0.0%	70.4% 71.6%	45.6 45.6	45.6 45.5	0.0 -0.1	0.0% -0.2%
72.8%	41.4	41.6	0.2	0.5%	72.8%	45.3	45.0	-0.2	-0.7%	72.8%	48.9	48.8	-0.1	-0.2%	72.8%	45.6	45.5 45.5	-0.1	-0.2%
74.1%	41.4	41.4	0.0	0.0%	74.1%	45.2	45.0	-0.2	-0.4%	74.1%	48.8	48.7	-0.1	-0.2%	74.1%	45.5	45.5	0.0	0.0%
75.3% 76.5%	41.4 41.4	41.4 41.3	0.0 -0.1	0.0%	75.3% 76.5%	45.1 45.1	44.9 44.8	-0.2 -0.3	-0.4% -0.7%	75.3% 76.5%	48.7 48.5	48.4 48.3	-0.3 -0.2	-0.6% -0.4%	75.3% 76.5%	45.5 45.4	45.5 45.5	0.0 0.1	0.0%
76.5%	41.4	41.3 41.3	-0.1	-0.2%	76.5% 77.8%	45.1 45.1	44.8	-0.3	-0.7%	76.5% 77.8%	48.5 48.4	48.3 48.3	-0.2	-0.4%	76.5% 77.8%	45.4 45.4	45.5 45.4	0.1	0.2%
79.0%	41.3	41.2	-0.1	-0.2%	79.0%	45.0	44.8	-0.2	-0.4%	79.0%	47.9	48.2	0.3	0.6%	79.0%	45.3	45.4	0.1	0.2%
80.2%	41.2	41.2	0.0	0.0%	80.2%	44.9	44.7	-0.2	-0.4%	80.2%	47.8	47.8	0.0	0.0%	80.2%	45.2	45.2	0.0	0.0%
81.5% 82.7%	41.2 40.9	41.2 40.9	0.0	0.0%	81.5% 82.7%	44.7 44.7	44.6 44.6	-0.1 -0.1	-0.2% -0.2%	81.5% 82.7%	47.7 47.7	47.7 47.7	0.0	0.0%	81.5% 82.7%	44.9 44.9	44.9 44.9	0.0	0.0%
84.0%	40.9	40.9	0.0	0.0%	84.0%	44.7	44.5	-0.1	-0.4%	84.0%	47.5	47.7	0.0	0.4%	84.0%	44.9	44.9	0.0	0.0%
85.2%	40.8	40.8	0.0	0.0%	85.2%	44.6	44.3	-0.3	-0.7%	85.2%	47.5	47.6	0.1	0.2%	85.2%	44.9	44.9	0.0	0.0%
86.4%	40.5	40.5	0.0	0.0%	86.4%	44.5	44.1	-0.4	-0.9%	86.4%	47.3	47.5	0.2	0.4%	86.4%	44.8	44.9	0.1	0.2%
87.7% 88.9%	40.4 40.1	40.5 40.4	0.1	0.2%	87.7% 88.9%	44.2 44.1	44.0 43.9	-0.2 -0.2	-0.5% -0.5%	87.7% 88.9%	47.2 47.0	47.5 47.5	0.3 0.5	0.6%	87.7% 88.9%	44.7 44.6	44.7 44.6	0.0	0.0%
90.1%	39.8	40.2	0.4	1.0%	90.1%	44.0	43.8	-0.2	-0.5%	90.1%	47.0	46.9	-0.1	-0.2%	90.1%	44.4	44.5	0.0	0.2%
91.4%	39.7	39.8	0.1	0.3%	91.4%	43.9	43.8	-0.1	-0.2%	91.4%	46.9	46.9	0.0	0.0%	91.4%	44.3	44.4	0.1	0.2%
92.6%	39.7	39.7	0.0	0.0%	92.6%	43.8	43.7	-0.1	-0.2%	92.6%	46.7	46.7	0.0	0.0%	92.6%	44.2 44.2	44.3	0.1	0.2%
93.8% 95.1%	39.7 38.6	39.7 38.6	0.0	0.0%	93.8% 95.1%	43.8 43.7	43.7 43.6	-0.1 -0.1	-0.2% -0.2%	93.8% 95.1%	46.4 46.3	46.5 46.3	0.1	0.2%	93.8% 95.1%	44.2 44.0	44.0 44.0	-0.2 0.0	-0.5% 0.0%
96.3%	38.5	38.5	0.0	0.0%	96.3%	43.1	43.1	0.0	0.0%	96.3%	46.1	46.1	0.0	0.0%	96.3%	44.0	43.6	-0.4	-0.9%
97.5%	38.2	38.2	0.0	0.0%	97.5%	42.3	42.3	0.0	0.0%	97.5%	45.7	45.4	-0.3	-0.7%	97.5%	43.2	43.3	0.1	0.2%
98.8% 100.0%	38.0 38.0	38.1 38.1	0.1	0.3%	98.8% 100.0%	41.7 41.7	41.7 41.7	0.0	0.0%	98.8% 100.0%	44.3 44.3	44.3 44.3	0.0	0.0%	98.8% 100.0%	43.1 43.1	43.1 43.1	0.0	0.0%
100.0%	30.0	30.1	0.1	0.3%	100.0%	41.7	41.7	0.0	0.0%	100.0%	44.3	44.3	0.0	0.0%	100.0%	43.1	43.1	0.0	0.0%

Table SQ-33-9b
Trinity River below Lewiston Dam, Monthly Temperature Probability of Exceedance

Proceedings December Decemb								xceedance	Probability									
		Percent				August		Percent			July		Percent			June		Percent
Peach Some improved Memory Memo		Exceedance			Diffo			Exceedance					Exceedance					Exceedance
0.00			Difference (%)						Difference (%)					Difference (%)				
1.75		0.0%	-1.4%	-0.9	-(0.0%	-2.0%	-1.2			0.0%	-0.2%	-0.1			0.0%
1.76	64.5	1.2%	-0.9%	-0.6	-(63.3	63.9	1.2%	-1.7%	-1.0	58.4	59.4	1.2%	-1.7%	-1.0	59.3	60.3	1.2%
496								2.5%	-1.7%				2.5%					
\$\frac{1}{2}\frac{1}{1} & \frac{1}{2}\frac{1}{1} & \frac{1}{2}1																		
7-76																		
99% 503 503 505 00 00 00% 10% 505 506 506 507 507 507 507 507 507 507 507 507 507		7.4%	-1.1%	-0.6	-(55.6	56.2	7.4%	-1.2%			56.2	7.4%	-0.7%	-0.4	57.1	57.5	7.4%
1115 60 62 62 63 63 64 64 115 115 64 64 64 64 64 64 64 64 64 64 64 64 64																		
1275 500 502 0.02																		
14.05 54.3 55.3 55.3 55.3 55.3 55.3 55.3 55.5																		
1606 540 550 01 026 1606 531 024 024 1606 1							54.3		0.2%						0.8			
17.75																		
186% S34 S37 O.3 O.16 O.5 S22 S22 O.0 O.0 O.5 S32 S37 O.5 O.			-1.5%	-0.6	-(53.4	17.3%	0.4%	0.2			17.3%		1.2			
21 10 10 10 10 10 10 10																		
22.5% 22.5% 22.5% 22.5% 22.7% 22.5				-0.4	-(
22.9% 22.8 22.4 0.4 0.9% 22.9% 52.7 22.7 0.0 0.0% 22.9% 52.6 52.4 0.0 0.0% 22.9% 51.6																		
2475																		
22.24 51.7 51.3	51.6	24.7%	0.0%	0.0	0	52.4	52.4	24.7%	-0.2%	-0.1	52.3	52.4	24.7%	-1.7%	-0.9	51.9	52.8	24.7%
28-4% 51-4 51-3 -0.1 -0.2% 28-4% 52-2 52.0 -0.2 -0.4% 28-4% 52-4 52.1 -0.3 -0.6% 28-4% 50.9 28-4% 51-4 51-3 -0.1 -0.2% 28-6% 52.0 -0.2 -0.4% 28-6% 52.2 28-50 -0.2 -0.4% 28-6% 52.2																		
29% 514 513 -0.1 -0.2% 29% 520 518 -0.2 -0.4% 29% 522 520 -0.2 -0.4% 29.0% 50.9 30.9% 50.9 30.9 30.9 30.9 30.9 30.9 30.9 30.9 3			-0.4% -0.6%	-0.2	-(52.2 52.1	52.4 52.4		-0.4%						-0.4	51.3 51.3		
20.99k																		
33.3% 513 511 0.2 0.4% 34.0% 516 515 0.2 0.4% 33.3% 51.7 51.5 0.2 0.4% 34.0% 51.0 51.5 0.2 0.4% 34.0% 51.0 51.5 0.2 0.4% 34.0% 51.0 51.5 0.2 0.4% 34.0% 51.0 51.5 0.2 0.4% 34.0% 51.0 51.5 0.2 0.4% 34.0% 51.0 51.0 51.0 51.0 51.0 51.0 51.0 51.0						52.0	52.1	30.9%					30.9%		-0.1			
34.0% 513 511 0.2 0.4% 34.0% 51.6 51.5 0.1 0.2% 34.0% 51.6 51.5 0.1 0.2% 34.0% 50.4 33.0% 51.6 51.3 0.1 0.0% 34.0% 50.4 33.0% 51.6 51.3 0.1 0.0% 34.0% 50.4 33.0% 51.6 51.3 0.1 0.0% 34.0% 50.4 33.0% 51.1 51.1 0.0 0.0% 38.3% 51.5 51.1 0.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0								32.1%										
See																		
83.3%																		
39.5% 51.1 51.1 0.0 0.0% 39.5% 51.5 51.1 -0.4 -0.9% 39.5% 51.6 51.4 -0.2 -0.4% 39.5% 49.6 49.7% 49.5 49.6 49.7% 49.7% 49.6 49.7% 49.6 49.7% 49.6 49.7% 49.6 49.7% 49.6 49.7% 49.7% 49.6 49.7% 49.7% 49.6 49.7% 49.7																		
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76.5% 48.9 48.7 ·0.2 ·0.4% 76.5% 49.3 49.1 ·0.2 ·0.4% 76.5% 49.2 49.1 ·0.1 ·0.2% 76.5% 48.0 77.8% 48.8 48.6 ·0.2 ·0.4% 77.8% 49.2 49.0 ·0.2 ·0.4% 77.8% 49.1 49.0 ·0.1 ·0.2% 77.8% 48.0 79.0% 48.7 48.4 ·0.3 ·0.6% 79.0% 49.2 49.0 ·0.2 ·0.4% 79.0% 49.0 48.9 ·0.1 ·0.2% 79.0% 47.9 80.2% 48.6 48.1 ·0.5 ·1.0% 80.2% 49.0 48.9 ·0.1 ·0.2% 80.2% 49.0 48.8 ·0.2 ·0.4% 80.2% 47.8 81.5% 48.1 47.9 ·0.2 ·0.4% 81.5% 49.0 48.9 ·0.1 ·0.2% 81.5% 48.9 48.8 ·0.1 ·0.2% 81.5% 47.6 82.7% 47.9 47.5 ·0.4 ·0.8% 82.7% 48.8 ·0.1 ·0.2% 82.7% 48.8 48.7 ·0.1 ·0.2% 82.7% 47.6																		
79.0% 48.7 48.4 -0.3 -0.6% 79.0% 49.2 49.0 -0.2 -0.4% 79.0% 49.0 48.9 -0.1 -0.2% 79.0% 47.9 80.2% 48.6 48.1 -0.5 -1.0% 80.2% 49.0 48.9 -0.1 -0.2% 80.2% 49.0 48.8 -0.2 -0.4% 80.2% 47.8 81.5% 48.1 47.9 -0.2 -0.4% 81.5% 49.0 48.9 -0.1 -0.2% 81.5% 48.9 48.8 -0.1 -0.2% 81.5% 48.9 48.8 -0.1 -0.2% 81.5% 47.6 82.7% 47.5 -0.4 -0.8% 82.7% 48.9 48.8 -0.1 -0.2% 82.7% 48.8 48.7 -0.1 -0.2% 82.7% 47.6		76.5%	-0.2%	-0.1	-(49.1	49.2	76.5%	-0.4%				76.5%	-0.4%		48.7	48.9	76.5%
80.2% 48.6 48.1 -0.5 -1.0% 80.2% 49.0 48.9 -0.1 -0.2% 80.2% 49.0 48.8 -0.2 -0.4% 80.2% 47.8 81.5% 49.1 47.9 -0.2 -0.4% 81.5% 49.0 48.9 -0.1 -0.2% 81.5% 48.9 48.8 -0.1 -0.2% 81.5% 48.9 48.8 -0.1 -0.2% 81.5% 47.5 82.7% 47.9 47.5 -0.4 -0.8% 82.7% 48.9 48.8 -0.1 -0.2% 82.7% 48.8 48.7 -0.1 -0.2% 82.7% 47.6																		
81.5% 48.1 47.9 ·0.2 ·0.4% 81.5% 49.0 48.9 ·0.1 ·0.2% 81.5% 48.9 48.8 ·0.1 ·0.2% 81.5% 47.6 82.7% 47.9 47.5 ·0.4 ·0.8% 82.7% 48.9 48.8 ·0.1 ·0.2% 82.7% 48.8 48.7 ·0.1 ·0.2% 82.7% 47.6																		
	47.6	81.5%	-0.2%	-0.1	-(48.8	48.9	81.5%	-0.2%	-0.1	48.9	49.0	81.5%	-0.4%	-0.2	47.9	48.1	81.5%
		82.7%		-0.1	-(48.8	82.7%		-0.1			82.7%					82.7%
04.0% 47.4 47.4 U.U U.0% 04.0% 40.9 40.0 40.1 40.2% 04.0% 40.7 40.7 40.7 40.7 40.7 40.7 40.7 40.7	47.4 47.4	84.0% 85.2%	0.0%	0.0		48.7 48.7	48.7 48.5	84.0% 85.2%	-0.2% -0.2%	-0.1 -0.1	48.8 48.6	48.9 48.7	84.0% 85.2%	0.0%	0.0	47.4 47.1	47.4 47.2	84.0% 85.2%
$\begin{array}{cccccccccccccccccccccccccccccccccccc$																		
87.7% 46.9 46.9 0.0 0.0% 87.7% 48.4 0.3 0.6% 87.7% 48.3 48.6 0.3 0.6% 87.7% 47.2	47.2	87.7%	0.6%	0.3	0	48.6	48.3	87.7%	-0.6%	-0.3	48.4		87.7%	0.0%	0.0	46.9	46.9	87.7%
88.9% 46.9 46.9 0.0 0.0% 88.9% 48.5 48.4 0.1 0.2% 88.9% 48.3 48.6 0.3 0.6% 88.9% 47.1																		
90.1% 46.8 46.8 0.0 0.0% 90.1% 48.0 48.2 0.2 0.4% 90.1% 48.2 48.5 0.3 0.6% 90.1% 47.1 91.4% 46.7 46.7 0.0 0.0% 91.4% 47.9 48.0 0.1 0.2% 91.4% 48.1 48.5 0.4 0.9% 91.4% 47.0																		
91.4% 46.7 46.7 40.7				0.2	0		48.0	92.6%					92.6%					
93.8% 45.6 45.6 0.0 0.0% 93.8% 47.4 47.7 0.3 0.6% 93.8% 47.5 48.2 0.7 1.5% 93.8% 46.9	46.9		1.5%	0.7	0	48.2	47.5	93.8%	0.6%	0.3	47.7	47.4	93.8%	0.0%	0.0			93.8%
95.1% 45.0 45.0 0.0 0.0% 95.1% 47.3 47.4 0.1 0.2% 95.1% 47.5 47.5 0.0 0.0% 95.1% 46.8																		
96.3% 44.7 44.7 0.0 0.0% 96.3% 46.8 46.9 0.1 0.2% 96.3% 46.7 47.0 0.3 0.6% 96.3% 46.7 97.5% 44.6 44.6 0.0 0.0% 97.5% 46.7 46.7 0.0 0.0% 97.5% 46.3 46.7 0.0 0.0% 97.5% 46.3																		
98.8% 44.2 44.3 0.1 0.2% 98.8% 46.5 46.5 0.0 0.0% 98.8% 46.0 46.5 0.5 1.1% 98.8% 46.2	46.2	98.8%	1.1%	0.5	0	46.5	46.0	98.8%	0.0%	0.0	46.5	46.5	98.8%	0.2%	0.1	44.3	44.2	98.8%
100.0% 44.2 44.3 0.1 0.2% 100.0% 46.5 46.5 0.0 0.0% 100.0% 46.0 46.5 0.5 1.1% 100.0% 46.2	46.2	100.0%	1.1%	0.5	0	46.5	46.0	100.0%	0.0%	0.0	46.5	46.5	100.0%	0.2%	0.1	44.3	44.2	100.0%

Table SQ-34-9a Trinity River at Douglas City, Monthly Temperature Long-term Average and Average by Water Year Type

					Mon	thly Temp		G-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Mav	Jun	Jul	Aua	Sep
					ng-term			,				
Full Simulation Period ¹												
No Action Alternative	51.2	44.5	40.1	39.0	43.0	46.9	51.9	48.8	54.8	58.6	59.5	55.6
Alternative D	51.2	44.4	40.0	39.1	43.0	46.8	51.9	48.8	54.7	58.5	59.3	55.6
Difference	-0.1	-0.1	-0.1	0.1	0.0	-0.1	0.0	0.0	-0.1	-0.1	-0.2	0.0
Percent Difference ³	-0.1%	-0.1%	-0.1%	0.2%	0.0%	-0.1%	0.0%	-0.1%	-0.1%	-0.2%	-0.3%	0.19
					ear Types							
Vet (32%)												
No Action Alternative	49.8	44.5	41.1	40.4	43.3	46.1	50.8	47.8	51.4	56.9	59.6	54.7
Alternative D	49.9	44.5	41.0	40.3	43.3	46.0	50.8	47.8	51.4	56.8	59.2	54.8
Difference	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.4	0.1
Percent Difference	0.1%	0.0%	-0.3%	-0.1%	0.0%	-0.1%	-0.1%	0.0%	0.0%	-0.2%	-0.7%	0.29
Above Normal (15%)												
No Action Alternative	50.3	43.2	40.0	38.7	43.0	46.7	51.8	48.0	53.9	57.8	58.8	54.2
Alternative D	50.0	43.1	39.8	38.7	43.1	46.8	51.9	47.9	53.9	57.5	58.1	54.6
Difference	-0.3	-0.1	-0.2	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.3	-0.7	0.4
Percent Difference	-0.6%	-0.2%	-0.4%	0.1%	0.1%	0.1%	0.1%	-0.1%	-0.1%	-0.5%	-1.2%	0.7%
Below Normal (17%)												
No Action Alternative	51.7	44.7	39.6	38.3	42.4	46.8	52.5	48.6	55.4	59.1	59.8	56.0
Alternative D	51.7	44.8	39.7	38.4	42.4	46.7	52.7	48.6	55.4	58.9	59.9	56.2
Difference	0.0	0.0	0.1	0.0	0.0	-0.1	0.2	0.0	0.0	-0.2	0.1	0.1
Percent Difference	0.0%	0.0%	0.1%	0.1%	0.0%	-0.1%	0.4%	0.1%	0.0%	-0.3%	0.1%	0.2%
Ory (22%)												
No Action Alternative	51.3	44.6	40.2	38.0	42.7	47.5	52.7	49.0	57.0	59.2	58.4	55.0
Alternative D	51.4	44.5	40.1	38.2	42.7	47.3	52.6	49.0	56.8	59.0	58.6	55.1
Difference	0.1	-0.1	-0.1	0.2	0.0	-0.1	-0.1	-0.1	-0.2	-0.2	0.2	0.1
Percent Difference	0.2%	-0.3%	-0.2%	0.7%	0.1%	-0.3%	-0.2%	-0.2%	-0.3%	-0.3%	0.4%	0.1%
Critical (15%)												
No Action Alternative	54.5	45.2	38.4	38.8	43.4	47.9	52.3	51.9	59.7	61.8	61.0	58.9
Alternative D	54.1	45.0	38.5	38.9	43.4	47.9	52.4	51.8	59.6	61.8	60.7	58.3
Difference	-0.4	-0.2	0.1	0.1	0.0	-0.1	0.1	-0.1	-0.1	0.1	-0.3	-0.6
Percent Difference	-0.8%	-0.3%	0.2%	0.3%	0.1%	-0.1%	0.2%	-0.2%	-0.2%	0.1%	-0.5%	-1.09



Figure SQ-34-9b Trinity River at Douglas City, Monthly Temperature Probability of Exceedance

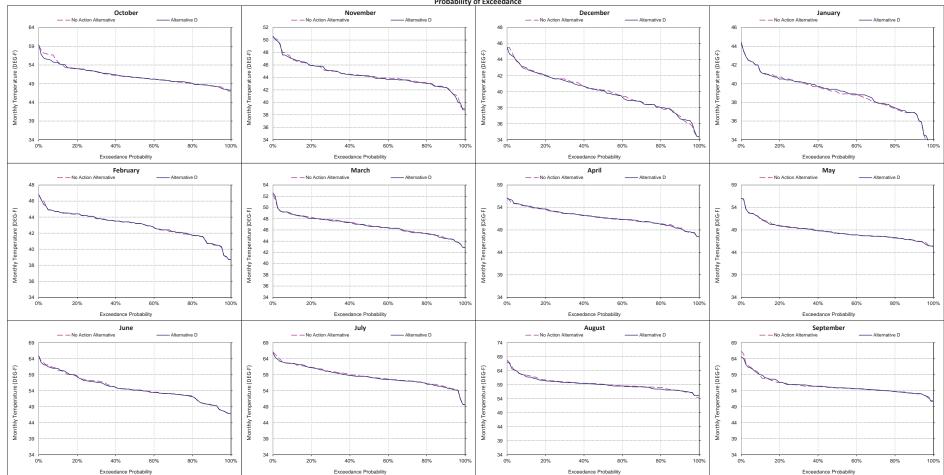


Table SQ-34-9b
Trinity River at Douglas City, Monthly Temperature
Probability of Exceedance

		October					November					December					January		
Percent Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Percent Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Percent Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Percent Exceedance	No Action Alternative	Alternative D	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	 Difference 	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	 Difference 	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	 Difference 	Difference (%)
(%)	(DFG-F)	(DFG-F)	(DEG-F)	Difference (x)	(%)	(DFG-F)	(DEG-F)	(DEG-F)	Difference (76)	(%)	(DEG-F)	(DFG-F)	(DEG-F)	Difference (76)	(%)	(DFG-F)	(DFG-F)	(DEG-F)	Difference (76)
0.0%	59.2	59.4	0.2	0.3%	0.0%	50.5	50.6	0.1	0.2%	0.0%	45.5	45.5	0.0	0.0%	0.0%	44.4	44.4	0.0	0.0%
1.2%	58.0	56.8	-1.2	-2.1%	1.2%	50.2	50.1	-0.1	-0.2%	1.2%	45.5	44.7	-0.8	-1.8%	1.2%	43.5	43.5	0.0	0.0%
2.5%	57.2	55.9	-1.3	-2.3%	2.5%	50.1	49.8	-0.3	-0.6%	2.5%	44.9	44.5	-0.4	-0.9%	2.5%	42.9	42.9	0.0	0.0%
3.7%	57.1	55.6	-1.5	-2.6%	3.7%	49.2	49.4	0.2	0.4%	3.7%	44.3	44.3	0.0	0.0%	3.7%	42.5	42.5	0.0	0.0%
4.9%	56.8	55.5	-1.3	-2.3%	4.9%	48.0	47.6	-0.4	-0.8%	4.9%	43.9	43.8	-0.1	-0.2%	4.9%	42.4	42.4	0.0	0.0%
6.2%	56.7	55.3	-1.4	-2.5%	6.2%	48.0	47.6	-0.4	-0.8%	6.2%	43.6	43.6	0.0	0.0%	6.2%	42.3	42.3	0.0	0.0%
7.4%	56.7	54.8	-1.9	-3.4%	7.4%	47.7	47.4	-0.3	-0.6%	7.4%	43.1	43.2	0.1	0.2%	7.4%	42.0	42.0	0.0	0.0%
8.6%	55.7	54.7	-1.0	-1.8%	8.6%	47.5	47.2	-0.3	-0.6%	8.6%	42.9	43.1	0.2	0.5%	8.6%	42.0	42.0	0.0	0.0%
9.9%	54.9	54.6	-0.3	-0.5%	9.9%	46.8	47.0	0.2	0.4%	9.9%	42.8	43.0	0.2	0.5%	9.9%	41.3	41.3	0.0	0.0%
11.1%	54.2	54.2	0.0	0.0%	11.1%	46.8	46.9	0.1	0.2%	11.1%	42.7	42.7	0.0	0.0%	11.1%	41.1	41.1	0.0	0.0%
12.3%	54.0	54.2	0.2	0.4%	12.3%	46.6	46.7	0.1	0.2%	12.3%	42.7	42.6	-0.1	-0.2%	12.3%	41.0	41.1	0.1	0.2%
13.6%	53.4	54.1	0.7	1.3%	13.6%	46.6	46.7	0.1	0.2%	13.6%	42.6	42.5	-0.1	-0.2%	13.6%	41.0	41.0	0.0	0.0%
14.8%	53.2	53.3	0.1	0.2%	14.8%	46.4	46.5	0.1	0.2%	14.8%	42.5	42.4	-0.1	-0.2%	14.8%	41.0	40.9	-0.1	-0.2%
16.0%	53.1	53.2	0.1	0.2%	16.0%	46.4	46.5	0.1	0.2%	16.0%	42.3	42.3	0.0	0.0%	16.0%	41.0	40.8	-0.2	-0.5%
17.3%	53.1	53.2	0.1	0.2%	17.3%	46.3	46.4	0.1	0.2%	17.3%	42.3	42.2	-0.1	-0.2%	17.3%	40.8	40.7	-0.1	-0.2%
18.5%	53.0	53.1	0.1	0.2%	18.5%	46.0	46.1	0.1	0.2%	18.5%	42.2	42.2	0.0	0.0%	18.5%	40.8	40.7	-0.1	-0.2% -0.5%
19.8%	52.9	53.0	0.1	0.2%	19.8%	45.9	45.9	0.0	0.0%	19.8%	42.1	42.0	-0.1	-0.2%	19.8%	40.7	40.5	-0.2	-0.5%
21.0%	52.9	53.0	0.1	0.2%	21.0%	45.9	45.9	0.0	0.0%	21.0%	42.0	41.9	-0.1	-0.2%	21.0%	40.7	40.5	-0.2	-0.5%
22.2%	52.8	52.9	0.1	0.2%	22.2%	45.8	45.8	0.0	0.0%	22.2%	41.8	41.8	0.0	0.0%	22.2%	40.5	40.5	0.0	0.0%
23.5%	52.8	52.9	0.1	0.2%	23.5%	45.8	45.8	0.0	0.0%	23.5%	41.7	41.7	0.0	0.0%	23.5%	40.5	40.4	-0.1	-0.2%
24.7%	52.5	52.5	0.0	0.0%	24.7%	45.7	45.8	0.1	0.2%	24.7%	41.6	41.6	0.0	0.0%	24.7%	40.5	40.4	-0.1	-0.2%
25.9%	52.5	52.5	0.0	0.0%	25.9%	45.3	45.8	0.5	1.1%	25.9%	41.6	41.6	0.0	0.0%	25.9%	40.4	40.4	0.0	0.0%
27.2%	52.4	52.5	0.1	0.2%	27.2%	45.1	45.3	0.2	0.4%	27.2%	41.6	41.6	0.0	0.0%	27.2%	40.4	40.3	-0.1	-0.2%
28.4%	52.3	52.4	0.1	0.2%	28.4%	45.1	45.1	0.0	0.0%	28.4%	41.6	41.5	-0.1	-0.2%	28.4%	40.2	40.2	0.0	0.0%
29.6%	52.2	52.3	0.1	0.2%	29.6%	45.0	45.1	0.1	0.2%	29.6%	41.6	41.4	-0.2	-0.5%	29.6%	40.2	40.2	0.0	0.0%
30.9%	52.2	52.0	-0.2	-0.4%	30.9%	45.0	45.1	0.1	0.2%	30.9%	41.5	41.3	-0.2	-0.5%	30.9%	40.1	40.2	0.1	0.2%
32.1%	51.8	52.0	0.2	0.4%	32.1%	45.0	45.0	0.0	0.0%	32.1%	41.4	41.2	-0.2	-0.5%	32.1%	40.0	40.1	0.1	0.2%
33.3%	51.7	51.8 51.8	0.1	0.2%	33.3%	44.9 44.8	45.0	0.1	0.2%	33.3%	41.2	41.2	0.0	0.0%	33.3%	40.0	40.1	0.1	0.2%
34.6% 35.8%	51.6 51.6	51.8 51.7	0.2	0.4%	34.6% 35.8%	44.8 44.6	44.8 44.6	0.0	0.0%	34.6% 35.8%	41.2	41.0 40.9	-0.2 -0.3	-0.5% -0.7%	34.6% 35.8%	39.9 39.9	40.0 40.0	0.1	0.3%
35.8% 37.0%	51.6 51.4	51.7 51.6	0.1 0.2	0.2%	35.8%	44.b 44.6	44.b 44.6	0.0	0.0%	35.8%	41.2 41.1	40.9	-0.3	-0.7%	35.8%	39.9	40.0 39.9	0.1	0.3% 0.5%
	51.3			0.4%	38.3%	44.6	44.5				40.9	40.8			38.3%	39.7	39.9		
38.3% 39.5%	51.2	51.5 51.4	0.2	0.4%	39.5%	44.5	44.5	-0.1 0.0	-0.2% 0.0%	38.3% 39.5%	40.7	40.7	-0.1 0.0	-0.2% 0.0%	39.5%	39.6	39.7	0.2 0.1	0.5%
40.7%	51.2	51.4	0.2	0.4%	40.7%	44.5 44.5	44.4	-0.1		40.7%	40.6	40.6	0.0	0.0%	40.7%	39.6	39.7		
42.0%	51.1	51.3	0.1	0.2%	40.7%	44.5	44.4	0.0	-0.2% 0.0%	42.0%	40.4	40.5	0.0	0.2%	40.7%	39.5	39.6	0.1 0.1	0.3%
43.2%	51.0	51.0	0.0	0.2%	43.2%	44.4	44.3	-0.1	-0.2%	43.2%	40.4	40.4	0.0	0.0%	43.2%	39.4	39.5	0.1	0.3%
44.4%	50.9	51.0	0.1	0.2%	44.4%	44.4	44.3	-0.1	-0.2%	44.4%	40.4	40.3	-0.1	-0.2%	44.4%	39.4	39.5	0.1	0.3%
45.7%	50.9	50.9	0.0	0.2%	45.7%	44.3	44.3	0.0	0.0%	45.7%	40.3	40.3	0.0	0.0%	45.7%	39.3	39.4	0.1	0.3%
46.9%	50.9	50.9	0.0	0.0%	46.9%	44.3	44.3	0.0	0.0%	46.9%	40.3	40.2	-0.1	-0.2%	46.9%	39.2	39.4	0.2	0.5%
48.1%	50.7	50.8	0.1	0.2%	48.1%	44.3	44.2	-0.1	-0.2%	48.1%	40.3	40.2	-0.1	-0.2%	48.1%	39.2	39.4	0.2	0.5%
49.4%	50.7	50.7	0.0	0.0%	49.4%	44.3	44.2	-0.1	-0.2%	49.4%	40.2	40.1	-0.1	-0.2%	49.4%	39.2	39.4	0.2	0.5%
50.6%	50.7	50.7	0.0	0.0%	50.6%	44.2	44.1	-0.1	-0.2%	50.6%	40.2	40.1	-0.1	-0.2%	50.6%	39.0	39.3	0.3	0.8%
51.9%	50.6	50.6	0.0	0.0%	51.9%	44.2	44.1	-0.1	-0.2%	51.9%	40.1	39.8	-0.3	-0.7%	51.9%	38.9	39.2	0.3	0.8%
53.1%	50.6	50.5	-0.1	-0.2%	53.1%	44.1	43.9	-0.2	-0.5%	53.1%	40.1	39.8	-0.3	-0.7%	53.1%	38.9	39.2	0.3	0.8%
54.3%	50.5	50.5	0.0	0.0%	54.3%	44.0	43.8	-0.2	-0.5%	54.3%	39.9	39.7	-0.2	-0.5%	54.3%	38.9	39.1	0.2	0.5%
55.6%	50.4	50.4	0.0	0.0%	55.6%	44.0	43.8	-0.2	-0.5%	55.6%	39.8	39.6	-0.2	-0.5%	55.6%	38.9	39.0	0.1	0.3%
56.8%	50.4	50.4	0.0	0.0%	56.8%	43.9	43.8	-0.1	-0.2%	56.8%	39.7	39.6	-0.1	-0.3%	56.8%	38.9	38.9	0.0	0.0%
58.0%	50.3	50.2	-0.1	-0.2%	58.0%	43.9	43.8	-0.1	-0.2%	58.0%	39.6	39.5	-0.1	-0.3%	58.0%	38.8	38.9	0.1	0.3%
59.3%	50.2	50.2	0.0	0.0%	59.3%	43.9	43.7	-0.2	-0.5%	59.3%	39.5	39.5	0.0	0.0%	59.3%	38.8	38.9	0.1	0.3%
60.5%	50.2	50.2	0.0	0.0%	60.5%	43.9	43.7	-0.2	-0.5%	60.5%	39.4	39.2	-0.2	-0.5%	60.5%	38.8	38.8	0.0	0.0%
61.7%	50.1	50.1	0.0	0.0%	61.7%	43.8	43.7	-0.1	-0.2%	61.7%	39.4	39.0	-0.4	-1.0%	61.7%	38.7	38.8	0.1	0.3%
63.0%	50.1	50.0	-0.1	-0.2%	63.0%	43.8	43.7	-0.1	-0.2%	63.0%	39.2	38.9	-0.3	-0.8%	63.0%	38.6	38.8	0.2	0.5%
64.2%	50.0	50.0	0.0	0.0%	64.2%	43.8	43.7	-0.1	-0.2%	64.2%	39.0	38.9	-0.1	-0.3%	64.2%	38.5	38.8	0.3	0.8%
65.4%	50.0	49.9	-0.1	-0.2%	65.4%	43.8	43.6	-0.2	-0.5%	65.4%	39.0	38.9	-0.1	-0.3%	65.4%	38.4	38.7	0.3	0.8%
66.7%	49.8	49.9	0.1	0.2%	66.7%	43.7	43.6	-0.1	-0.2%	66.7%	38.8	38.9	0.1	0.3%	66.7%	38.3	38.6	0.3	0.8%
67.9%	49.7	49.8	0.1	0.2%	67.9%	43.6	43.6	0.0	0.0%	67.9%	38.8	38.8	0.0	0.0%	67.9%	38.1	38.5	0.4	1.0%
69.1%	49.6	49.6	0.0	0.0%	69.1%	43.6	43.6	0.0	0.0%	69.1%	38.8	38.8	0.0	0.0%	69.1%	38.0	38.1	0.1	0.3%
70.4%	49.6	49.6	0.0	0.0%	70.4%	43.6	43.5	-0.1	-0.2%	70.4%	38.7	38.6	-0.1	-0.3%	70.4%	38.0	38.0	0.0	0.0%
71.6%	49.5	49.6	0.1	0.2%	71.6%	43.5	43.4	-0.1	-0.2%	71.6%	38.5	38.4	-0.1	-0.3%	71.6%	37.9	37.9	0.0	0.0%
72.8% 74.1%	49.4 49.4	49.6 49.5	0.2	0.4%	72.8% 74.1%	43.4 43.4	43.3 43.2	-0.1 -0.2	-0.2% -0.5%	72.8% 74.1%	38.4 38.4	38.4 38.4	0.0	0.0%	72.8% 74.1%	37.8 37.8	37.9 37.9	0.1	0.3%
							43.2 43.2		-0.5% -0.2%			38.4				37.8 37.7	37.9 37.8	0.1	
75.3% 76.5%	49.4 49.2	49.5 49.4	0.1 0.2	0.2% 0.4%	75.3% 76.5%	43.3 43.2	43.2	-0.1 0.0	0.2%	75.3% 76.5%	38.4 38.4	38.4	0.0	0.0%	75.3% 76.5%	37.7	37.8	0.1	0.3%
	49.2 49.2	49.4				43.2	43.2		-0.2%			38.4		0.0%		37.7 37.5	37.8	0.1	
77.8% 79.0%	49.2 49.0	49.3 49.2	0.1 0.2	0.2%	77.8% 79.0%	43.2 43.2	43.1 43.1	-0.1 -0.1	-0.2%	77.8% 79.0%	38.0 38.0	38.1	0.1 0.1	0.3%	77.8% 79.0%	37.5 37.4	37.b 37.5	0.1	0.3%
80.2%	48.8	49.2	0.2	0.4%	80.2%	43.1	43.0	-0.1	-0.2%	80.2%	37.9	38.0	0.1	0.3%	80.2%	37.4	37.5	0.1	0.3%
80.2% 81.5%	48.8 48.8	48.8	0.2	0.4%	80.2%	43.1	43.0	-0.1	-0.2%	80.2%	37.9 37.8	38.0	0.1	0.5%	80.2% 81.5%	37.3 37.2	37.4 37.3	0.1	0.3%
82.7%	48.8	48.8	0.0	0.0%	82.7%	43.0	43.0	-0.1	-0.2%	82.7%	37.8	37.9	0.2	0.5%	82.7%	37.2	37.3	0.1	0.3%
84.0%	46.6	46.6	0.0	0.0%	84.0%	43.0	42.9	-0.1	-0.2%	84.0%	37.8	37.9	0.1	0.3%	84.0%	37.1	37.2	0.1	0.3%
85.2%	48.7	48.7	0.0	0.0%	85.2%	42.6	42.6	0.0	0.0%	85.2%	37.7	37.8	0.1	0.3%	85.2%	36.9	37.1	0.2	0.5%
86.4%	48.6	48.7	0.1	0.2%	86.4%	42.6	42.5	-0.1	-0.2%	86.4%	37.6	37.4	-0.2	-0.5%	86.4%	36.9	36.9	0.0	0.0%
87.7%	48.6	48.6	0.0	0.0%	87.7%	42.6	42.5	-0.1	-0.2%	87.7%	37.3	37.3	0.0	0.0%	87.7%	36.9	36.9	0.0	0.0%
88.9%	48.4	48.5	0.0	0.2%	88.9%	42.5	42.4	-0.1	-0.2%	88.9%	37.1	36.9	-0.2	-0.5%	88.9%	36.9	36.9	0.0	0.0%
90.1%	48.4	48.4	0.0	0.0%	90.1%	42.4	42.4	0.0	0.0%	90.1%	36.9	36.6	-0.3	-0.8%	90.1%	36.9	36.9	0.0	0.0%
91.4%	48.3	48.3	0.0	0.0%	91.4%	42.2	42.1	-0.1	-0.2%	91.4%	36.5	36.5	0.0	0.0%	91.4%	36.7	36.7	0.0	0.0%
92.6%	48.2	48.2	0.0	0.0%	92.6%	41.7	41.7	0.0	0.0%	92.6%	36.3	36.5	0.2	0.6%	92.6%	36.0	36.0	0.0	0.0%
93.8%	48.2	48.1	-0.1	-0.2%	93.8%	41.3	41.3	0.0	0.0%	93.8%	36.1	36.4	0.3	0.8%	93.8%	35.9	35.9	0.0	0.0%
95.1%	48.1	47.7	-0.4	-0.8%	95.1%	41.2	40.9	-0.3	-0.7%	95.1%	36.0	36.4	0.4	1.1%	95.1%	34.5	34.5	0.0	0.0%
96.3%	47.6	47.5	-0.1	-0.2%	96.3%	40.9	40.0	-0.9	-2.2%	96.3%	35.7	36.0	0.3	0.8%	96.3%	33.9	34.4	0.5	1.5%
97.5%	47.5	47.5	0.0	0.0%	97.5%	39.4	39.9	0.5	1.3%	97.5%	34.9	35.1	0.2	0.6%	97.5%	33.7	33.7	0.0	0.0%
98.8%	47.0	47.3	0.3	0.6%	98.8%	39.0	38.8	-0.2	-0.5%	98.8%	34.4	34.4	0.0	0.0%	98.8%	28.9	28.9	0.0	0.0%
100.0%	47.0	47.3	0.3	0.6%	100.0%	39.0	38.8	-0.2	-0.5%	100.0%	34.4	34.4	0.0	0.0%	100.0%	28.9	28.9	0.0	0.0%

Table SQ-34-9b
Trinity River at Douglas City, Monthly Temperature
Probability of Exceedance

May

March

February

Part	Percent					Percent					Percent		Aprii			Percent				
		No Action Alternative	Alternative D	Absolute	Relative		No Action Alternative	Alternative D	Absolute	Relative		No Action Alternative	Alternative D	Absolute	Relative		No Action Alternative	Alternative D	Absolute	Relative
No.	Probability	Monthly Temperature	Monthly Temperature		Difference (%)	Probability	Monthly Temperature	Monthly Temperature		Difference (%)	Probability	Monthly Temperature	Monthly Temperature		Difference (%)	Probability	Monthly Temperature	Monthly Temperature		Difference (%)
Color				(DEG-F)																
15	0.0%			0.0		0.0%	52.3		0.3		0.0%	56.1	56.1	0.0		0.0%			0.0	0.0%
15	1.2%	46.2	46.2	0.0	0.0%	1.2%	51.4	52.0	0.6	1.2%	1.2%	55.6	55.8	0.2	0.4%		55.9	55.9	0.0	0.0%
Color						2.5%					2.5%									0.0%
Column																				
Text																				
Section Sect																				
100 100																				
115	8.6%									-0.4%	8.6%				0.0%				-0.1	-0.2%
12 14 15 16 16 17 18 18 18 18 18 18 18																				
144	11.1%									-0.2%	11.1%					11.1%				
140																				
Section Sect																				
175																			-0.5	
150 144																				
200. 44.0											18.5%									
22-5 442																				
100 100																				
24.75																				
25.00																				
27.50																				
24.6 44.1	27.3%									-0.0%	27.3%					27.3%			0.0	0.0%
200.		44.1				28 4%		47.0	-0.1		28.4%				0.270		49.5	49.5	0.0	
30.00																				0.0%
20 14 15 15 15 15 15 15 15	30.9%				0.0%	30.9%				-0.4%	30.9%				0.0%	30.9%				0.0%
33.7%																				
340° 427																				
Sept. 448																				
370% 43.5																				
32.70	37.0%		43.6			37.0%	47.5	47.4	-0.1		37.0%									
30.00	38.3%	43.6	43.6	0.0	0.0%	38.3%	47.4	47.3	-0.1	-0.2%	38.3%	52.4	52.3	-0.1	-0.2%	38.3%	49.0	48.9	-0.1	
407% 435						39.5%			-0.1		39.5%			-0.1		39.5%			-0.1	
4200 435 436 436 436 436 437 477 472 477 472 478 488 488 488 488 488 488 488 488 488				0.0	0.0%					0.0%					0.0%					0.0%
44-79, 42-4	42.0%		43.5	0.0		42.0%		47.1			42.0%								0.0	0.0%
44-0% 43-4 43-4 00 00 00% 44-6% 470 470 00 00% 44-6% 521 520 01 102% 44-6% 407 450 01 00% 44-6% 521 520 01 102% 44-6% 407 450 01 00% 44-6% 521 520 01 102% 44-6% 407 450 01 00% 44-6% 521 520 01 102% 44-6% 407 450 01 00% 44-6% 521 520 01 102% 44-6% 407 450 01 00% 44-6% 521 520 01 102% 44-6% 407 450 01 00% 44-6% 521 520 01 00% 44-6% 521 521 520 01 102% 44-6% 407 44-6% 521 521 521 520 01 102% 44-6% 407 44-6% 521 521 521 521 521 521 521 521 521 521	43.2%	43.4	43.4	0.0	0.0%	43.2%	47.1	47.0	-0.1	-0.2%	43.2%	52.1	52.1	0.0	0.0%	43.2%	48.8	48.7	-0.1	-0.2%
467% 434 434 00 00% 457% 470 470 00 00% 457% 520 519 01 0.2% 457% 486 486 00 00% 467% 433 00 00% 457% 486 481% 519 519 511 0.2% 485% 483 0.3 0.0 0.0% 481% 483 00 0.0% 457% 480 483 0.3 0.0 0.0% 481% 483 0.3 0.0 0.0% 481% 483 0.3 0.0 0.0% 481% 483 0.3 0.0 0.0% 481% 483 0.3 0.0 0.0% 481% 483 0.3 0.0 0.0% 481% 483 0.3 0.0 0.0% 481% 483 0.3 0.0 0.0% 481% 483 0.3 0.0 0.0% 481% 483 0.3 0.0 0.0% 481% 483 0.3 0.0 0.0% 481% 483 0.3 0.0 0.0% 481% 483 0.0 0.0% 481% 483 0.3 0.0 0.0% 481% 483 0.3 0.0 0.0% 481% 483 0.0 0.0 0.0% 481% 483 0.0 0.0 0.0% 481% 483 0.0 0.0 0.0% 481% 483 0.0 0.0 0.0% 481% 483 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	44.4%	43.4	43.4	0.0	0.0%	44.4%	47.0	47.0	0.0	0.0%	44.4%	52.1	52.0	-0.1	-0.2%	44.4%	48.7	48.6	-0.1	
48.1% 43.3 43.3 0.0 0.0% 48.1% 46.8 46.8 0.1 0.2% 48.1% 51.9 51.8 0.1 0.2% 48.1% 48.6 48.3 0.3 0.0 0.0% 51.9% 48.2 0.0 0.0% 51.9% 48.2 0.0 0.0% 51.9% 48.2 0.0 0.0% 51.9% 48.2 0.0 0.0% 51.9% 48.2 0.0 0.0% 51.9% 48.2 0.0 0.0% 51.9% 48.2 0.0 0.0% 51.9% 48.2 0.0 0.0% 51.9% 48.2 0.0 0.0% 51.9% 48.2 0.0 0.0% 51.9% 48.2 0.0 0.0% 51.9% 48.2 0.0 0.0% 51.9% 48.2 0.0 0.0% 51.9% 48.2 0.0 0.0% 51.9% 51.8 51.8 51.7 0.1 0.2% 51.9% 48.2 48.2 0.0 0.0% 51.9% 51.9% 51.8 51.8 51.8 51.8 0.0 0.0% 51.9% 48.2 48.2 0.0 0.0% 51.9% 51.9% 51.8 51.8 51.8 51.8 51.8 51.8 51.8 51.8																				
49-14 43 43 43 00 00% 40-5 46-6 46-7 02 0-4% 40-5 46-7 02 0-4% 40-5 46-7 02 0-4% 40-5 46-7 02 0-2% 40-				0.0						-0.2%		51.9								-0.2%
Septify 432 432 0.0																				
919% 432 432 00 00% 513% 466 466 00 00% 515% 516 517 01 02% 519% 482 482 00 00% 553% 482 482 00 00 00% 553% 553% 553% 553% 553% 553%	49.4%	43.3	43.3	0.0	0.0%	49.4%			-0.2	-0.4%	49.4%	51.7	51.8	0.1	0.2%			48.3	0.0	0.0%
53.1% 422 432 00 00% 53.5% 466 466 00 00% 53.5% 516 010 02% 54.3% 481 00 00% 55.5% 481 00 00% 55.5% 481 00 00% 55.5% 481 00 00% 55.5% 481 00 00% 55.5% 481 00 00% 55.5% 481 00 00% 55.5% 481 00 00% 55.6% 481 00 00% 55.6% 481 00 00% 55.6% 481 00 00% 55.6% 481 00 00% 55.6% 481 00 00% 55.6% 481 00 00% 55.6% 481 00 00% 55.6% 481 00 00 00% 55.6% 55.																				
54.7% 43.1 43.1 0.0 0.0% 55.9% 46.6 46.0 0.0 0.0% 55.9% 51.5 51.6 0.1 0.2% 55.9% 48.1 48.1 0.0 0.0 0.0% 55.9% 48.6 48.5 46.5 46.5 46.5 46.5 46.5 46.5 46.5 46	51.9%									0.0%	51.9%				0.2%				0.0	0.0%
55.6% 43.0 43.0 0.0 0.0% 55.6% 46.6 46.5 0.1 0.2% 55.6% 51.4 51.5 0.1 0.2% 55.6% 48.1 48.0 0.1 0.2% 55.6% 48.1 48.0 0.1 0.2% 55.6% 48.1 48.0 0.1 0.2% 55.6% 48.1 48.0 0.1 0.2% 55.6% 48.1 48.0 0.1 0.2% 55.6% 48.1 48.0 0.1 0.2% 55.6% 48.1 48.0 0.1 0.2% 55.6% 48.1 48.0 0.1 0.2% 55.6% 48.1 48.0 0.1 0.2% 55.6% 48.1 48.0 0.1 0.2% 55.6% 51.3 51.3 0.1 0.2% 55.6% 47.9 47.9 0.0 0.0% 69.5% 48.1 48.0 0.1 0.2% 55.6% 51.3 51.3 0.1 0.2% 55.6% 47.9 47.9 0.0 0.0% 69.5% 48.1 48.0 0.1 0.2% 69.5% 51.3 51.3 0.1 0.2% 55.6% 47.9 47.9 0.0 0.0% 69.5% 48.1 48.3 0.1 0.0% 69.5% 51.3 51.3 0.1 0.2% 55.6% 47.9 47.9 0.0 0.0% 69.5% 48.1 48.3 0.1 0.0% 69.5% 51.3 51.3 0.1 0.2% 69.5%	53.1%					53.1%			0.0	0.0%	53.1%				0.0%	53.1%			0.0	
56.9% 42.9 42.9 0.0 0.0% 56.9% 46.4 46.4 0.0 0.0% 56.9% 51.4 51.5 0.1 0.2% 58.9% 48.0 47.9 0.0 0.0% 56.9% 51.3 51.4 0.1 0.2% 58.9% 47.9 47.9 0.0 0.0% 69.9% 42.8 42.8 0.0 0.0% 69.9% 46.4 46.4 46.3 0.1 0.2% 56.9% 51.3 51.4 0.1 0.2% 58.9% 47.8 47.9 0.0 0.0% 69.9% 42.8 42.8 0.0 0.0% 69.9% 46.4 46.3 0.1 0.2% 58.9% 47.8 47.8 0.0 0.0% 69.9%																				
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86.4% 41.3 41.2 -0.1 -0.2% 86.4% 45.0 44.7 -0.3 -0.7% 86.4% 49.9 49.7 -0.2 -0.4% 86.4% 46.9 46.9 0.0 0.0% 87.7% 40.7 0.0 0.0% 87.7% 44.9 44.9 44.9 44.9 87.7% 49.7 49.4 -0.3 -0.6% 87.7% 46.8 46.8 46.9 0.1 0.2% 88.9% 40.7 40.7 0.0 0.0% 88.9% 44.7 44.5 -0.2 -0.4% 88.9% 49.5 49.4 -0.1 -0.2% 88.9% 46.8 46.8 0.0 0.0% 91.4% 40.5 40.6 0.1 0.2% 90.1% 44.5 44.5 0.0 0.0% 91.1% 49.4 49.3 -0.1 -0.2% 89.0% 46.7 46.6 0.1 0.2% 91.4% 44.4 44.4 0.0 0.0% 91.4% 49.4 49.1 -0.3 -0.6% 91.4% 46.5 46.5 0.0 0.0% 92.6% 40.5 40.5 0.0 0.0% 92.6% 44.4 44.4 0.0 0.0% 92.6% 48.7 48.7 0.0 0.0% 92.6% 46.4 46.5 0.1 0.2% 93.8% 46.5 46.5 0.0 0.0% 93.8% 46.6 48.6 0.0 0.0% 93.8% 46.6 48.6 0.0 0.0% 93.8% 46.4 46.5 0.1 0.2% 95.1% 49.3 40.3 40.3 40.3 0.0 0.0% 95.1% 43.9 43.9 0.0 0.0% 95.1% 48.4 48.6 0.2 0.4% 95.1% 46.4 46.1 40.3 40.8 95.1% 49.3 40.3 40.3 0.0 0.0% 95.1% 43.9 43.9 0.0 0.0% 95.1% 48.4 48.4 48.6 0.2 0.4% 95.1% 46.4 46.1 46.7 4.9 40.9 40.3 40.3 0.3 40.3 0.0 0.0% 95.1% 43.8 43.8 0.0 0.0% 95.3% 48.4 48.4 48.4 0.0 0.0% 95.1% 46.4 46.1 46.7 4.9 4.9 4.9 4.9 4.4 48.4 48.4 48.4 48.4		41.6	41.6	0.0	0.0%	85.2%	45.0			0.0%	85.2%	50.2		-0.3	-0.6%	85.2%		46.9	0.0	0.0%
87.7% 40.7 40.7 0.0 0.0% 87.7% 44.9 44.7 0.2 0.4% 87.7% 49.7 49.4 0.3 0.6% 87.7% 46.8 46.9 0.1 0.2% 88.9% 40.7 40.7 0.0 0.0% 88.9% 44.7 44.5 0.2 0.4% 88.9% 49.5 49.4 0.1 0.2% 88.9% 46.8 89.9% 46.8 89.9% 46.8 80.0 0.0% 91.4% 40.6 0.1 0.2% 91.4% 44.5 44.5 0.0 0.0% 90.1% 49.4 49.1 0.3 0.6% 91.4% 46.7 46.6 0.1 0.2% 91.4% 44.4 44.4 0.0 0.0% 91.4% 49.4 49.1 0.3 0.6% 91.4% 46.5 46.5 0.0 0.0% 92.6% 40.5 40.5 0.0 0.0% 92.6% 44.4 44.4 0.0 0.0% 92.6% 48.7 48.7 0.0 0.0% 92.6% 46.4 46.5 0.1 0.2% 93.8% 40.3 40.5 0.2 0.5% 93.8% 44.3 44.3 0.0 0.0% 92.6% 48.7 48.7 0.0 0.0% 92.6% 46.4 46.5 0.1 0.2% 95.1% 46.9 40.3 40.5 0.2 0.5% 93.8% 44.3 44.3 0.0 0.0% 95.1% 48.6 48.6 0.0 0.0% 95.1% 46.4 46.4 46.4 0.0 0.0% 95.1% 48.6 48.6 0.0 0.0% 95.1% 46.4 46.4 46.1 0.3 0.0% 95.1% 48.4 48.6 0.2 0.4% 95.1% 46.4 46.1 0.3 0.0% 95.1% 48.4 48.4 0.0 0.0 0.0% 95.1% 46.4 46.1 0.3 0.0% 95.1% 48.4 48.4 0.0 0.0 0.0 95.1% 46.4 46.1 0.3 0.0 0.0% 95.1% 48.4 48.4 0.0 0.0 0.0 95.1% 46.4 46.1 0.0 0.0% 95.1% 48.4 48.4 0.0 0.0 0.0 95.1% 46.4 46.1 0.0 0.0 95.1% 48.4 48.4 0.0 0.0 0.0 95.1% 46.1 46.7 0.4 0.9% 95.1% 46.1 46.7 0.4 0.9% 95.1% 46.1 46.7 0.4 0.9% 95.5% 48.3 48.4 0.1 0.2% 97.5% 45.5 45.5 0.0 0.0% 96.8% 47.5 47.5 0.0 0.0 0.0 88.8% 45.3 45.4 0.1 0.2% 98.8% 45.3 45.4 0.1 0.2% 98.8% 45.3 45.4 0.1 0.2%	86.4%			-0.1	-0.2%	86.4%				-0.7%	86.4%	49.9		-0.2	-0.4%	86.4%			0.0	0.0%
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95.1% 40.3 40.3 0.0 0.0% 95.1% 43.9 43.9 0.0 0.0% 95.1% 48.4 48.6 0.2 0.4% 95.1% 46.4 46.1 0.3 0.6% 95.3% 49.2 0.0 0.0% 96.3% 43.8 43.8 0.0 0.0% 96.3% 48.4 48.4 0.0 0.0% 96.3% 46.1 46.7 0.4 0.9% 97.5% 99.0 39.1 0.1 0.3% 97.5% 43.5 43.5 0.0 0.0% 97.5% 48.3 48.4 0.1 0.2% 97.5% 45.5 45.5 0.0 0.0% 98.8% 47.5 47.5 0.0 0.0% 98.8% 45.3 45.4 0.1 0.2%	92.6%										92.6%							46.5		
96.3% 39.2 39.2 0.0 0.0% 96.3% 43.8 43.8 0.0 0.0% 96.3% 48.4 48.4 0.0 0.0% 96.3% 46.1 45.7 -0.4 -0.9% 97.5% 39.0 39.1 0.1 0.3% 97.5% 43.5 43.5 0.0 0.0% 97.5% 48.3 48.4 0.1 0.2% 97.5% 45.5 45.5 0.0 0.0% 98.8% 33.7 38.7 0.0 0.0% 98.8% 42.9 42.9 0.0 0.0% 98.8% 47.5 47.5 0.0 0.0% 98.8% 45.3 45.4 0.1 0.2%	93.8%	40.3	40.5	0.2	0.5%	93.8%				0.0%	93.8%		48.6		0.0%	93.8%		46.4	0.0	0.0%
96.3% 39.2 39.2 0.0 0.0% 96.3% 43.8 43.8 0.0 0.0% 96.3% 48.4 48.4 0.0 0.0% 96.3% 46.1 45.7 -0.4 -0.9% 97.5% 39.0 39.1 0.1 0.3% 97.5% 43.5 43.5 0.0 0.0% 97.5% 48.3 48.4 0.1 0.2% 97.5% 45.5 45.5 0.0 0.0% 98.8% 38.7 38.7 0.0 0.0% 98.8% 42.9 42.9 0.0 0.0% 98.8% 47.5 47.5 0.0 0.0% 98.8% 45.3 45.4 0.1 0.2%																				-0.6%
98.8% 38.7 38.7 0.0 0.0% 98.8% 42.9 42.9 0.0 0.0% 98.8% 47.5 47.5 0.0 0.0% 98.8% 45.3 45.4 0.1 0.2%	96.3%	39.2	39.2		0.0%	96.3%				0.0%	96.3%			0.0	0.0%	96.3%			-0.4	-0.9%
100.0% 38.7 38.7 0.0 0.0% 100.0% 42.9 42.9 0.0 0.0% 100.0% 47.5 47.5 0.0 0.0% 100.0% 45.3 45.4 0.1 0.2%																				
	100.0%	38.7	38.7	0.0	0.0%	100.0%	42.9	42.9	0.0	0.0%	100.0%	47.5	47.5	0.0	0.0%	100.0%	45.3	45.4	0.1	0.2%

Table SQ-34-9b
Trinity River at Douglas City, Monthly Temperature
Probability of Exceedance

August

September

Percent		June			Percent		,			Percent		August			Percent				
Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	64.8	64.8	0.0	0.0%	0.0%	66.1	65.8	-0.3	-0.5%	0.0%	67.8	67.1	-0.7	-1.0%	0.0%	66.3	64.6	-1.7	-2.6%
1.2%	63.2	62.8	-0.4	-0.6%	1.2%	65.3	64.4	-0.9	-1.4%	1.2%	66.9	66.6	-0.3	-0.4%	1.2%	65.5	64.1	-1.4	-2.1%
2.5%	62.8	62.1	-0.7	-1.1%	2.5%	64.5	63.8	-0.7	-1.1%	2.5%	65.5	64.7	-0.8	-1.2%	2.5%	62.4	62.1	-0.3	-0.5%
3.7%	62.1	62.0	-0.1	-0.2%	3.7%	63.8	63.1	-0.7	-1.1%	3.7%	64.2	64.3	0.1	0.2%	3.7%	61.8	61.3	-0.5	-0.8%
4.9%	62.0	61.5	-0.5	-0.8%	4.9%	62.9	63.0	0.1	0.2%	4.9%	64.2	63.9	-0.3	-0.5%	4.9%	61.3	61.1	-0.2	-0.3%
6.2%	61.5	61.2	-0.3	-0.5%	6.2%	62.7	62.7	0.0	0.0%	6.2%	63.1	63.1	0.0	0.0%	6.2%	60.7	60.6	-0.1	-0.2%
7.4%	61.3	61.0	-0.3	-0.5%	7.4%	62.6	62.6	0.0	0.0%	7.4%	62.7	62.7	0.0	0.0%	7.4%	60.3	59.9	-0.4	-0.7%
8.6%	61.1	61.0	-0.1	-0.2%	8.6%	62.6	62.6	0.0	0.0%	8.6%	62.6	62.5	-0.1	-0.2%	8.6%	59.8	59.4	-0.4	-0.7%
9.9%	60.4	61.0	0.6	1.0%	9.9%	62.6	62.5	-0.1	-0.2%	9.9%	62.4	61.8	-0.6	-1.0%	9.9%	58.5	59.0	0.5	0.9%
11.1%	60.3	60.4	0.1	0.2%	11.1%	62.5	62.4	-0.1	-0.2%	11.1%	62.3	61.7	-0.6	-1.0%	11.1%	57.8	58.8	1.0	1.7%
12.3%	60.1	60.3	0.2	0.3%	12.3%	62.0	62.3	0.3	0.5%	12.3%	62.1	61.7	-0.4	-0.6%	12.3%	57.8	58.1	0.3	0.5%
13.6%	59.6	60.1	0.5	0.8%	13.6%	61.9	62.1	0.2	0.3%	13.6%	61.7	61.3	-0.4	-0.6%	13.6%	57.7	57.9	0.2	0.3%
14.8%	59.1	59.6	0.5	0.8%	14.8%	61.8	62.1	0.3	0.5%	14.8%	61.7	61.2	-0.5	-0.8%	14.8%	57.5	57.6	0.1	0.2%
16.0%	59.0	59.1	0.1	0.2%	16.0%	61.7	62.0	0.3	0.5%	16.0%	61.3	60.8	-0.5	-0.8%	16.0%	57.1	57.6	0.5	0.9%
17.3%	59.0	59.0	0.0	0.0%	17.3%	61.5	61.6	0.1	0.2%	17.3%	60.9	60.6	-0.3	-0.5%	17.3%	57.0	57.6	0.6	0.9% 1.1%
18.5%	58.8	59.0	0.2	0.3%	18.5%	61.4	61.3	-0.1	-0.2%	18.5%	60.8	60.5	-0.3	-0.5%	18.5%	56.6	57.3	0.7	1.2%
19.8%	58.4	58.7	0.3	0.5%	19.8%	61.3	61.2	-0.1	-0.2%	19.8%	60.7	60.4	-0.3	-0.5%	19.8%	56.6	56.6	0.0	0.0%
21.0%	57.9	57.9	0.0	0.0%	21.0%	61.2	61.1	-0.1	-0.2%	21.0%	60.5	60.3	-0.2	-0.3%	21.0%	56.6	56.6	0.0	0.0%
22.2%	57.6	57.6	0.0	0.0%	22.2%	61.1	60.9	-0.2	-0.3%	22.2%	60.4	60.3	-0.1	-0.2%	22.2%	56.3	56.4	0.1	0.2%
23.5%	57.6	57.1	-0.5	-0.9%	23.5%	60.8	60.8	0.0	0.0%	23.5%	60.4	60.1	-0.3	-0.5%	23.5%	56.3	56.0	-0.3	-0.5%
24.7%	57.3	57.1	-0.2	-0.3%	24.7%	60.8	60.5	-0.3	-0.5%	24.7%	60.3	60.1	-0.2	-0.3%	24.7%	55.9	55.9	0.0	0.0%
25.9%	57.2	57.0	-0.2	-0.3%	25.9%	60.7	60.5	-0.2	-0.3%	25.9%	60.3	60.1	-0.2	-0.3%	25.9%	55.9	55.9	0.0	0.0%
27.2%	57.2	56.8	-0.4	-0.7%	27.2%	60.3	60.1	-0.2	-0.3%	27.2%	60.1	60.0	-0.1	-0.2%	27.2%	55.9	55.9	0.0	0.0%
28.4%	57.1	56.8	-0.3	-0.5%	28.4%	60.1	60.1	0.0	0.0%	28.4%	60.1	59.8	-0.3	-0.5%	28.4%	55.8	55.9	0.1	0.2%
29.6%	57.0	56.7	-0.3	-0.5%	29.6%	60.0	60.0	0.0	0.0%	29.6%	60.1	59.8	-0.3	-0.5%	29.6%	55.8	55.9	0.1	0.2%
30.9%	57.0	56.5	-0.5	-0.9%	30.9%	60.0	59.7	-0.3	-0.5%	30.9%	59.9	59.8	-0.1	-0.2%	30.9%	55.7	55.8	0.1	0.2%
32.1%	56.8	56.5	-0.3	-0.5%	32.1%	59.9	59.6	-0.3	-0.5%	32.1%	59.9	59.7	-0.2	-0.3%	32.1%	55.5	55.8	0.3	0.5%
33.3%	56.7	56.3	-0.4	-0.7%	33.3%	59.7	59.5	-0.2	-0.3%	33.3%	59.8	59.7	-0.1	-0.2%	33.3%	55.4	55.8	0.4	0.7% 0.5%
34.6%	56.4	55.8	-0.6	-1.1%	34.6%	59.7	59.3	-0.4	-0.7%	34.6%	59.8	59.7	-0.1	-0.2%	34.6%	55.4	55.7	0.3	0.5%
35.8%	55.8	55.6	-0.2	-0.4%	35.8%	59.6	59.2	-0.4	-0.7%	35.8%	59.7	59.6	-0.1	-0.2%	35.8%	55.4	55.6	0.2	0.4%
37.0%	55.7	55.3	-0.4	-0.7%	37.0%	59.4	59.1	-0.3	-0.5%	37.0%	59.6	59.5	-0.1	-0.2%	37.0%	55.4	55.4	0.0	0.0%
38.3%	55.3	55.3	0.0	0.0%	38.3%	59.3	58.9	-0.4	-0.7%	38.3%	59.6	59.5	-0.1	-0.2%	38.3%	55.3	55.4	0.1	0.2%
39.5%	55.2	55.2	0.0	0.0%	39.5%	59.0	58.8	-0.2	-0.3%	39.5%	59.5	59.5	0.0	0.0%	39.5%	55.3	55.4	0.1	0.2%
40.7%	54.8	54.8	0.0	0.0%	40.7%	58.9	58.7	-0.2	-0.3%	40.7%	59.5	59.4	-0.1	-0.2%	40.7%	55.3	55.4	0.1	0.2%
42.0%	54.6	54.7	0.1	0.2%	42.0%	58.9	58.6	-0.3	-0.5%	42.0%	59.4	59.4	0.0	0.0%	42.0%	55.2	55.4	0.2	0.4%
43.2%	54.6	54.6	0.0	0.0%	43.2%	58.8	58.5	-0.3	-0.5%	43.2%	59.4	59.3	-0.1	-0.2%	43.2%	55.2	55.3	0.1	0.2%
44.4%	54.5	54.6	0.1	0.2%	44.4%	58.7	58.5	-0.2	-0.3%	44.4%	59.4	59.3	-0.1	-0.2%	44.4%	55.1	55.2	0.1	0.2%
45.7%	54.5	54.5	0.0	0.0%	45.7%	58.5	58.5	0.0	0.0%	45.7%	59.4	59.2	-0.2	-0.3%	45.7%	55.0	55.1	0.1	0.2%
46.9%	54.5	54.5	0.0	0.0%	46.9%	58.5	58.5	0.0	0.0%	46.9%	59.3	59.2	-0.1	-0.2%	46.9%	55.0	55.1	0.1	0.2%
48.1%	54.3	54.3	0.0	0.0%	48.1%	58.5	58.5	0.0	0.0%	48.1%	59.2	59.1	-0.1	-0.2%	48.1%	54.9	55.0	0.1	0.2%
49.4%	54.2	54.2	0.0	0.0%	49.4%	58.4	58.3	-0.1	-0.2%	49.4%	59.2	59.0	-0.2	-0.3%	49.4%	54.9	54.9	0.0	0.0%
50.6%	54.2	54.2	0.0	0.0%	50.6%	58.2	58.2	0.0	0.0%	50.6%	59.1	59.0	-0.1	-0.2%	50.6%	54.8	54.9	0.1	0.2%
51.9%	54.1	54.2	0.1	0.2%	51.9%	58.1	58.0	-0.1	-0.2%	51.9%	59.0	58.9	-0.1	-0.2%	51.9%	54.8	54.9	0.1	0.2%
53.1%	54.0	54.2	0.2	0.4%	53.1%	58.0	58.0	0.0	0.0%	53.1%	58.9	58.7	-0.2	-0.3%	53.1%	54.8	54.9	0.1	0.2%
54.3%	54.0	53.9	-0.1	-0.2%	54.3%	58.0	57.8	-0.2	-0.3%	54.3%	58.9	58.7	-0.2	-0.3%	54.3%	54.8	54.8	0.0	0.0%
55.6%	53.9	53.9	0.0	0.0%	55.6%	57.9	57.7	-0.2	-0.3%	55.6%	58.9	58.5	-0.4	-0.7%	55.6%	54.7	54.8	0.1	0.2%
56.8%	53.9	53.8	-0.1	-0.2%	56.8%	57.8	57.6	-0.2	-0.3%	56.8%	58.7	58.5	-0.2	-0.3%	56.8%	54.7	54.8	0.1	0.2%
58.0%	53.8	53.5	-0.3	-0.6%	58.0%	57.8	57.5	-0.3	-0.5%	58.0%	58.7	58.5	-0.2	-0.3%	58.0%	54.7	54.6	-0.1	-0.2%
59.3%	53.5	53.5	0.0	0.0%	59.3%	57.7	57.5	-0.2	-0.3%	59.3%	58.6	58.5	-0.1	-0.2%	59.3%	54.6	54.6	0.0	0.0%
60.5%	53.5	53.4	-0.1	-0.2%	60.5%	57.5	57.4	-0.1	-0.2%	60.5%	58.6	58.5	-0.1	-0.2%	60.5%	54.6	54.6	0.0	0.0%
61.7%	53.5	53.4	-0.1	-0.2%	61.7%	57.4	57.4	0.0	0.0%	61.7%	58.5	58.3	-0.2	-0.3%	61.7%	54.6	54.6	0.0	0.0%
63.0%	53.4	53.2	-0.2	-0.4%	63.0%	57.4	57.4	0.0	0.0%	63.0%	58.5	58.3	-0.2	-0.3%	63.0%	54.6	54.5	-0.1	-0.2%
64.2%	53.2	53.2	0.0	0.0%	64.2%	57.4	57.3	-0.1	-0.2%	64.2%	58.5	58.3	-0.2	-0.3%	64.2%	54.5	54.5	0.0	0.0%
65.4%	53.1	53.1	0.0	0.0%	65.4%	57.3	57.2	-0.1	-0.2%	65.4%	58.5	58.2	-0.3	-0.5%	65.4%	54.4	54.4	0.0	0.0%
66.7%	53.1	53.1 53.1	0.0	0.0%	66.7%	57.2	57.1 57.1	-0.1	-0.2%	66.7%	58.4	58.2	-0.2	-0.3%	66.7%	54.3	54.4	0.1	0.2%
67.9%	53.1	53.1	0.0	0.0%	67.9%	57.2 57.1	57.1	-0.1 -0.1	-0.2%	67.9%	58.4 58.3	58.2 58.2	-0.2	-0.3%	67.9%	54.3 54.3	54.3 54.3	0.0	0.0%
69.1% 70.4%	53.0 53.0	53.0	0.0	0.0%	69.1% 70.4%	57.1 57.1	57.0 57.0	-0.1	-0.2% -0.2%	69.1% 70.4%	58.3	58.2 58.2	-0.1 -0.1	-0.2% -0.2%	69.1% 70.4%	54.3 54.1	54.3 54.2	0.0 0.1	0.0%
70.4%	52.8	52.8	0.0	0.0%	70.4%	57.1	57.0	0.0	0.2%	70.4%	58.2	58.1	-0.1	-0.2%	70.4%	54.1 54.1	54.2	0.1	
71.6%	52.8 52.8	52.8 52.8	0.0	0.0%	71.6%	57.0 57.0	56.9	-0.1	-0.2%	71.6%	58.2 58.2	58.1 58.1	-0.1	-0.2% -0.2%	71.6%	54.1 54.0	54.2 54.1	0.1	0.2%
74.1%	52.6	52.6	0.0	0.0%	74.1%	56.9	56.8	-0.1	-0.2%	74.1%	58.2	58.0	-0.1	-0.2%	72.6%	54.0	54.1	0.0	0.2%
74.1% 75.3%	52.7 52.6	52.7 52.6	0.0	0.0%	74.1% 75.3%	56.7	56.7	0.0	-0.2%	74.1% 75.3%	58.2 58.1	58.0 57.6	-0.2	-0.3%	74.1% 75.3%	54.0 54.0	54.0 54.0	0.0	0.0%
76.5%	52.6	52.5	-0.1	-0.2%	76.5%	56.7	56.7	0.0	0.0%	76.5%	58.1	57.5	-0.5	-0.9%	76.5%	53.9	54.0	0.0	0.0%
77.8%	52.5	52.5	0.0	0.0%	77.8%	56.6	56.5	-0.1	-0.2%	77.8%	58.1	57.4	-0.7	-1.2%	77.8%	53.9	53.9	0.0	0.0%
79.0%	52.5	52.5	-0.4	-0.8%	77.8%	56.4	56.4	0.0	0.0%	79.0%	58.0	57.4 57.4	-0.7	-1.0%	77.8%	53.8	53.8	0.0	0.0%
80.2%	52.5	52.1	0.0	0.0%	80.2%	56.2	56.0	-0.2	-0.4%	80.2%	58.0	57.4 57.4	-0.6	-1.0%	80.2%	53.7	53.7	0.0	0.0%
81.5%	51.6	51.6	0.0	0.0%	81.5%	56.1	56.0	-0.2	-0.2%	81.5%	57.9	57.2	-0.0	-1.2%	81.5%	53.7	53.6	-0.1	-0.2%
82.7%	50.9	50.9	0.0	0.0%	82.7%	56.0	56.0	0.0	0.0%	82.7%	57.5	57.1	-0.4	-0.7%	82.7%	53.6	53.6	0.0	0.0%
84.0%	50.3	50.3	0.0	0.0%	84.0%	56.0	55.6	-0.4	-0.7%	84.0%	57.4	57.1	-0.4	-0.5%	84.0%	53.6	53.5	-0.1	-0.2%
85.2%	50.1	50.1	0.0	0.0%	85.2%	55.9	55.5	-0.4	-0.7%	85.2%	57.2	57.1	-0.3	-0.2%	85.2%	53.6	53.4	-0.1	-0.4%
86.4%	49.9	49.9	0.0	0.0%	86.4%	55.6	55.4	-0.4	-0.4%	86.4%	57.1	57.1	0.0	0.0%	86.4%	53.3	53.3	0.0	0.0%
87.7%	49.8	49.8	0.0	0.0%	87.7%	55.5	55.4	-0.2	-0.2%	87.7%	57.0	57.0	0.0	0.0%	87.7%	53.3	53.3	0.0	0.0%
88.9%	49.8	49.6	-0.2	-0.4%	88.9%	55.4	55.1	-0.1	-0.5%	88.9%	56.9	57.0	0.0	0.0%	88.9%	53.2	53.2	0.0	0.0%
90.1%	49.5	49.5	0.0	0.0%	90.1%	55.1	55.0	-0.3	-0.5%	90.1%	56.9	56.8	-0.1	-0.2%	90.1%	53.2	53.2	0.0	0.4%
91.4%	49.4	49.4	0.0	0.0%	91.4%	55.0	54.6	-0.1	-0.7%	91.4%	56.8	56.7	-0.1	-0.2%	91.4%	53.0	53.1	0.1	0.4%
92.6%	49.2	49.3	0.1	0.0%	92.6%	54.6	54.6	0.0	0.0%	92.6%	56.4	56.6	0.2	0.4%	92.6%	53.0	53.1	0.1	0.2%
93.8%	48.2	48.2	0.0	0.0%	93.8%	54.6	54.3	-0.3	-0.5%	93.8%	56.3	56.5	0.2	0.4%	93.8%	53.0	53.0	0.0	0.0%
95.1%	47.8	47.8	0.0	0.0%	95.1%	54.2	54.2	0.0	0.0%	95.1%	56.3	56.3	0.0	0.0%	95.1%	52.6	52.6	0.0	0.0%
96.3%	47.6	47.6	0.0	0.0%	96.3%	54.1	54.2	0.1	0.2%	96.3%	56.1	56.2	0.1	0.2%	96.3%	52.3	52.3	0.0	0.0%
97.5%	47.2	47.2	0.0	0.0%	97.5%	51.4	51.4	0.0	0.0%	97.5%	55.1	55.1	0.0	0.0%	97.5%	51.5	52.0	0.5	1.0%
98.8%	46.8	46.9	0.1	0.2%	98.8%	49.7	49.7	0.0	0.0%	98.8%	54.5	55.1	0.6	1.1%	98.8%	50.9	50.7	-0.2	-0.4%
100.0%	46.8	46.9	0.1	0.2%	100.0%	49.7	49.7	0.0	0.0%	100.0%	54.5	55.1	0.6	1.1%	100.0%	50.9	50.7	-0.2	-0.4%

Table SQ:35-9a Trinity River at North Fork, Monthly Temperature Long-term Average and Average by Water Year Type

		Lulig	term Aver	aye anu r	weraye b	y water re	ai iype					
					Mon	thly Temp	erature (D	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	53.2	44.1	39.8	38.5	43.1	46.6	53.5	51.2	58.8	64.5	64.6	59.1
Alternative D	53.1	44.0	39.7	38.6	43.1	46.6	53.5	51.2	58.8	64.4	64.6	59.1
Difference	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0
Percent Difference ³	-0.1%	-0.1%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	0.0%
				Water Y	ear Types	2						
Wet (32%)												
No Action Alternative	52.5	44.1	40.5	39.6	43.3	46.0	52.7	50.1	55.3	62.8	64.9	59.0
Alternative D	52.5	44.1	40.4	39.6	43.3	46.0	52.7	50.1	55.3	62.8	64.7	59.1
Difference	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	0.1
Percent Difference	0.0%	0.0%	-0.2%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	-0.3%	0.1%
Above Normal (15%)												
No Action Alternative	52.5	42.8	39.6	38.3	43.1	46.4	53.5	50.3	57.8	63.4	64.1	58.3
Alternative D	52.3	42.8	39.5	38.3	43.1	46.4	53.5	50.3	57.7	63.3	63.7	58.5
Difference	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.3	0.2
Percent Difference	-0.3%	0.0%	-0.1%	0.0%	0.1%	0.1%	0.0%	-0.1%	-0.1%	-0.3%	-0.5%	0.3%
Below Normal (17%)												
No Action Alternative	53.6	44.4	39.5	37.9	42.6	46.5	53.9	50.9	59.5	64.9	64.9	59.5
Alternative D	53.6	44.4	39.5	37.9	42.6	46.5	54.0	51.0	59.5	64.7	64.9	59.6
Difference	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	0.0	0.1
Percent Difference	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	-0.2%	0.0%	0.1%
Dry (22%)												
No Action Alternative	53.0	44.2	39.8	37.7	42.8	46.9	54.0	51.5	61.5	65.2	63.9	58.5
Alternative D	53.1	44.1	39.8	37.8	42.8	46.9	53.9	51.4	61.4	65.1	64.0	58.5
Difference	0.1	-0.1	0.0	0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1	0.1	0.0
Percent Difference	0.1%	-0.2%	-0.1%	0.3%	0.0%	-0.1%	-0.1%	-0.1%	-0.2%	-0.1%	0.2%	0.0%
Critical (15%)		,	,	,		,	,		,			
No Action Alternative	54.9	44.6	38.5	38.3	43.4	47.5	54.0	54.3	63.2	67.8	65.4	60.6
Alternative D	54.6	44.5	38.5	38.3	43.4	47.5	54.1	54.2	63.2	67.8	65.3	60.3
Difference	-0.4	-0.1	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	-0.3
Percent Difference	-0.7%	-0.2%	0.0%	0.2%	0.0%	-0.1%	0.1%	-0.2%	-0.1%	0.0%	-0.2%	-0.5%

¹ Based on the 82-year simulation period



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

³ Relative difference of the monthly average

Figure SQ-35-9b Trinity River at North Fork, Monthly Temperature Probability of Exceedance

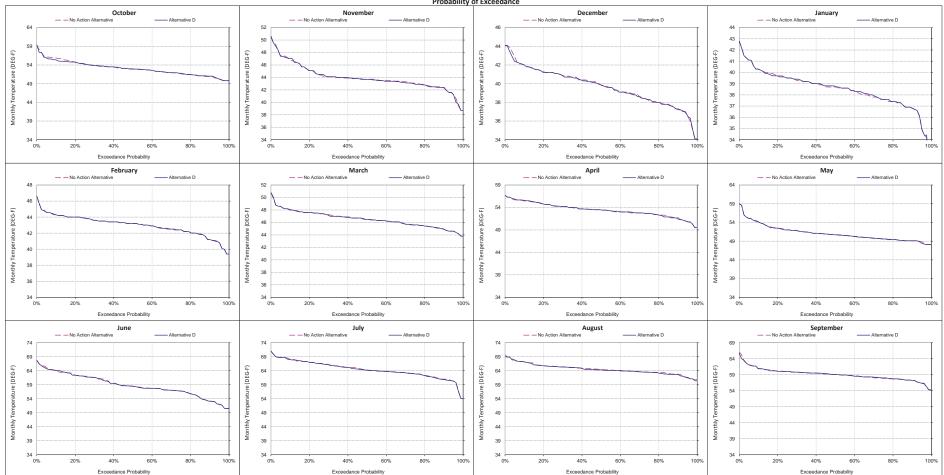


Table SQ-35-9b
Trinity River at North Fork, Monthly Temperature
Probability of Exceedance

		October					November					December					January		
Percent	No Action Alternative	Alternative D	Absolute		Percent	No Action Alternative	Alternative D	Absolute		Percent	No Action Alternative	e Alternative D	Absolute		Percent	No Action Alternative	Alternative D	Absolute	
Exceedance	·		Difference	Relative	Exceedance			Difference	Relative	Exceedance			Difference	Relative	Exceedance			Difference	Relative
Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability		Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	59.3	59.4	0.1	0.2%	0.0%	50.5	50.6	0.1	0.2%	0.0%	44.1	44.1	0.0	0.0%	0.0%	42.8	42.8	0.0	0.0%
1.2%	58.1	57.4	-0.7	-1.2%	1.2%	49.6	49.6	0.0	0.0%	1.2%	44.1	44.0	-0.1	-0.2%	1.2%	42.2	42.2	0.0	0.0%
2.5%	57.3	57.3	0.0	0.0%	2.5%	49.3	49.0	-0.3	-0.6%	2.5%	43.8	43.4	-0.4	-0.9%	2.5%	41.5	41.5	0.0	0.0%
3.7%	56.4	56.1	-0.3	-0.5%	3.7%	48.3	48.4	0.1	0.2%	3.7%	43.4	42.9	-0.5	-1.2%	3.7%	41.3	41.3	0.0	0.0%
4.9%	56.1	55.9	-0.2	-0.4%	4.9%	47.5	47.4	-0.1	-0.2%	4.9%	42.9	42.4	-0.5	-1.2%	4.9%	41.1	41.1	0.0	0.0%
6.2%	56.1	55.6	-0.5	-0.9%	6.2%	47.5	47.4	-0.1	-0.2%	6.2%	42.3	42.3	0.0	0.0%	6.2%	41.1	41.1	0.0	0.0%
7.4%	56.0	55.6	-0.4	-0.7%	7.4%	47.4	47.2	-0.2	-0.4%	7.4%	42.1	42.2	0.1	0.2%	7.4%	40.6	40.6	0.0	0.0%
8.6%	55.9	55.4	-0.5	-0.7%	8.6%	47.2	47.1	-0.2	-0.4%	8.6%	42.1	42.1	0.0	0.2%	8.6%	40.3	40.3	0.0	
																			0.0%
9.9%	55.9	55.4	-0.5	-0.9%	9.9%	46.8	47.0	0.2	0.4%	9.9%	42.0	42.0	0.0	0.0%	9.9%	40.3	40.3	0.0	0.0%
11.1%	55.7	55.1	-0.6	-1.1%	11.1%	46.7	47.0	0.3	0.6%	11.1%	41.9	41.8	-0.1	-0.2%	11.1%	40.2	40.2	0.0	0.0%
12.3%	55.7	55.0	-0.7	-1.3%	12.3%	46.5	46.4	-0.1	-0.2%	12.3%	41.8	41.8	0.0	0.0%	12.3%	40.1	40.1	0.0	0.0%
13.6%	55.5	55.0	-0.5	-0.9%	13.6%	46.5	46.4	-0.1	-0.2%	13.6%	41.7	41.7	0.0	0.0%	13.6%	40.0	39.9	-0.1	-0.2%
14.8%	55.3	54.9	-0.4	-0.7%	14.8%	46.2	46.2	0.0	0.0%	14.8%	41.7	41.6	-0.1	-0.2%	14.8%	40.0	39.9	-0.1	-0.2%
16.0%	55.3	54.9	-0.4	-0.7%	16.0%	45.7	45.7	0.0	0.0%	16.0%	41.5	41.5	0.0	0.0%	16.0%	39.9	39.8	-0.1	-0.3%
17.3%	55.0	54.8	-0.2	-0.4%	17.3%	45.6	45.7	0.1	0.2%	17.3%	41.5	41.5	0.0	0.0%	17.3%	39.9	39.7	-0.2	-0.5%
18.5%	54.9	54.8			18.5%		45.4	0.0	0.0%	18.5%	41.4	41.4	0.0			39.8	39.7	-0.1	
			-0.1	-0.2%		45.4		0.0		16.5%				0.0%	18.5%	39.6	39.7		-0.3%
19.8%	54.8	54.8	0.0	0.0%	19.8%	45.1	45.1	0.0	0.0%	19.8%	41.3	41.2	-0.1	-0.2%	19.8%	39.7	39.7	0.0	0.0%
21.0%	54.6	54.6	0.0	0.0%	21.0%	45.1	45.1	0.0	0.0%	21.0%	41.2	41.2	0.0	0.0%	21.0%	39.7	39.6	-0.1	-0.3%
22.2%	54.5	54.4	-0.1	-0.2%	22.2%	45.1	45.0	-0.1	-0.2%	22.2%	41.2	41.2	0.0	0.0%	22.2%	39.7	39.6	-0.1	-0.3%
23.5%	54.4	54.4	0.0	0.0%	23.5%	44.6	44.6	0.0	0.0%	23.5%	41.2	41.2	0.0	0.0%	23.5%	39.6	39.6	0.0	0.0%
24.7%	54.4	54.2	-0.2	-0.4%	24.7%	44.4	44.5	0.1	0.2%	24.7%	41.2	41.2	0.0	0.0%	24.7%	39.5	39.5	0.0	0.0%
25.9%	54.1	54.2	0.1	0.2%	25.9%	44.4	44.5	0.1	0.2%	25.9%	41.1	41.1	0.0	0.0%	25.9%	39.5	39.5	0.0	0.0%
27.2%	54.0	54.0	0.0	0.0%	27.2%	44.2	44.5	0.3	0.7%	27.2%	41.1	41.1	0.0	0.0%	27.2%	39.5	39.5	0.0	0.0%
28.4%	53.9	54.0	0.1	0.2%	28.4%	44.1	44.2	0.3	0.2%	28.4%	41.0	41.0	0.0	0.0%	28.4%	39.5	39.4	-0.1	-0.3%
29.6%	53.8	53.9	0.1	0.2%	29.6%	44.1	44.2	0.1	0.2%	29.6%	40.9	41.0	0.0	0.0%	29.4%	39.5	39.4	0.1	0.3%
30.9%	53.8	53.9	0.1	0.2%	30.9%	44.1	44.1	0.0	0.0%	30.9%	40.8	40.7	-0.1	-0.2%	30.9%	39.3	39.4	0.1	0.3%
32.1%	53.7	53.8	0.1	0.2%	32.1%	44.1	44.1	0.0	0.0%	32.1%	40.8	40.7	-0.1	-0.2%	32.1%	39.2	39.3	0.1	0.3%
33.3%	53.6	53.7	0.1	0.2%	33.3%	44.0	44.1	0.1	0.2%	33.3%	40.8	40.7	-0.1	-0.2%	33.3%	39.2	39.2	0.0	0.0%
34.6%	53.6	53.7	0.1	0.2%	34.6%	44.0	44.0	0.0	0.0%	34.6%	40.7	40.7	0.0	0.0%	34.6%	39.2	39.2	0.0	0.0%
35.8%	53.6	53.6	0.0	0.0%	35.8%	44.0	44.0	0.0	0.0%	35.8%	40.7	40.6	-0.1	-0.2%	35.8%	39.2	39.2	0.0	0.0%
37.0%	53.5	53.5	0.0	0.0%	37.0%	44.0	44.0	0.0	0.0%	37.0%	40.7	40.6	-0.1	-0.2%	37.0%	39.1	39.1	0.0	0.0%
38.3%	53.5	53.5	0.0	0.0%	38.3%	43.9	44.0	0.1	0.2%	38.3%	40.4	40.5	0.1	0.2%	38.3%	39.0	39.0	0.0	0.0%
39.5%	53.5	53.5	0.0	0.0%	39.5%	43.9	44.0	0.1	0.2%	39.5%	40.4	40.4	0.0	0.0%	39.5%	39.0	39.0	0.0	0.0%
40.7%	53.4	53.4	0.0	0.0%	40.7%	43.9	43.9	0.0	0.0%	40.7%	40.4	40.3	-0.1	-0.2%	40.7%	39.0	39.0	0.0	0.0%
42.0%	53.2	53.4	0.2	0.4%	42.0%	43.8	43.9	0.1	0.2%	42.0%	40.4	40.3	-0.1	-0.2%	42.0%	38.9	39.0	0.1	0.3%
43.2%	53.1	53.3	0.2	0.4%	43.2%	43.8	43.8	0.0	0.0%	43.2%	40.3	40.2	-0.1	-0.2%	43.2%	38.9	38.9	0.0	0.0%
44.4%	53.1	53.1	0.0	0.0%	44.4%	43.8	43.8	0.0	0.0%	44.4%	40.2	40.2	0.0	0.0%	44.4%	38.8	38.8	0.0	0.0%
45.7%	53.1	53.1	0.0	0.0%	45.7%	43.8	43.8	0.0	0.0%	45.7%	40.2	40.1	-0.1	-0.2%	45.7%	38.7	38.8	0.1	0.3%
46.9%	53.0	53.1	0.1	0.2%	46.9%	43.8	43.7	-0.1	-0.2%	46.9%	40.2	40.1	-0.1	-0.2%	46.9%	38.7	38.8	0.1	0.3%
48.1%	53.0	52.9	-0.1	-0.2%	48.1%	43.7	43.7	0.0	0.0%	48.1%	40.1	40.0	-0.1	-0.2%	48.1%	38.7	38.8	0.1	0.3%
49.4%	53.0	52.9	-0.1	-0.2%	49.4%	43.7	43.7	0.0	0.0%	49.4%	39.9	39.9	0.0	0.0%	49.4%	38.7	38.8	0.1	0.3%
50.6%	52.9	52.9	0.0	0.0%	50.6%	43.7	43.7	0.0	0.0%	50.6%	39.8	39.8	0.0	0.0%	50.6%	38.7	38.7	0.0	0.0%
							43.7										38.7		
51.9%	52.8	52.9	0.1	0.2%	51.9%	43.7		0.0	0.0%	51.9%	39.8	39.7	-0.1	-0.3%	51.9%	38.6		0.1	0.3%
53.1%	52.8	52.9	0.1	0.2%	53.1%	43.7	43.6	-0.1	-0.2%	53.1%	39.7	39.6	-0.1	-0.3%	53.1%	38.6	38.6	0.0	0.0%
54.3%	52.8	52.8	0.0	0.0%	54.3%	43.7	43.6	-0.1	-0.2%	54.3%	39.6	39.6	0.0	0.0%	54.3%	38.6	38.6	0.0	0.0%
55.6%	52.8	52.8	0.0	0.0%	55.6%	43.6	43.5	-0.1	-0.2%	55.6%	39.6	39.6	0.0	0.0%	55.6%	38.6	38.6	0.0	0.0%
56.8%	52.7	52.7	0.0	0.0%	56.8%	43.5	43.5	0.0	0.0%	56.8%	39.4	39.3	-0.1	-0.3%	56.8%	38.6	38.6	0.0	0.0%
58.0%	52.7	52.7	0.0	0.0%	58.0%	43.5	43.5	0.0	0.0%	58.0%	39.3	39.3	0.0	0.0%	58.0%	38.4	38.4	0.0	0.0%
59.3%	52.6	52.6	0.0	0.0%	59.3%	43.5	43.4	-0.1	-0.2%	59.3%	39.2	39.1	-0.1	-0.3%	59.3%	38.4	38.4	0.0	0.0%
60.5%	52.6	52.5	-0.1	-0.2%	60.5%	43.5	43.4	-0.1	-0.2%	60.5%	39.1	39.1	0.0	0.0%	60.5%	38.2	38.3	0.1	0.3%
61.7%	52.3	52.3	0.0	0.0%	61.7%	43.5	43.4	-0.1	-0.2%	61.7%	39.1	39.1	0.0	0.0%	61.7%	38.2	38.3	0.1	0.3%
63.0%	52.3 52.3	52.3	0.0	0.0%	63.0%	43.5	43.4	-0.1		63.0%	39.1	39.0		-0.3%	63.0%	38.1	38.3	0.1	0.5%
									-0.2%				-0.1						
64.2%	52.2	52.3	0.1	0.2%	64.2%	43.4	43.4	0.0	0.0%	64.2%	39.0	39.0	0.0	0.0%	64.2%	38.0	38.2	0.2	0.5%
65.4%	52.1	52.2	0.1	0.2%	65.4%	43.4	43.3	-0.1	-0.2%	65.4%	39.0	38.9	-0.1	-0.3%	65.4%	38.0	38.1	0.1	0.3%
66.7%	52.1	52.1	0.0	0.0%	66.7%	43.4	43.3	-0.1	-0.2%	66.7%	38.9	38.8	-0.1	-0.3%	66.7%	38.0	38.1	0.1	0.3%
67.9%	52.0	52.0	0.0	0.0%	67.9%	43.4	43.2	-0.2	-0.5%	67.9%	38.9	38.8	-0.1	-0.3%	67.9%	37.9	38.0	0.1	0.3%
69.1%	52.0	52.0	0.0	0.0%	69.1%	43.3	43.2	-0.1	-0.2%	69.1%	38.8	38.6	-0.2	-0.5%	69.1%	37.8	38.0	0.2	0.5%
70.4%	51.9	51.9	0.0	0.0%	70.4%	43.3	43.1	-0.2	-0.5%	70.4%	38.5	38.6	0.1	0.3%	70.4%	37.8	37.9	0.1	0.3%
71.6%	51.9	51.9	0.0	0.0%	71.6%	43.2	43.1	-0.1	-0.2%	71.6%	38.4	38.4	0.0	0.0%	71.6%	37.8	37.8	0.0	0.0%
72.8%	51.9	51.9	0.0	0.0%	72.8%	43.1	43.1	0.0	0.0%	72.8%	38.4	38.4	0.0	0.0%	72.8%	37.6	37.7	0.1	0.3%
74.1%	51.8	51.8	0.0	0.0%	74.1%	43.1	43.0	-0.1	-0.2%	74.1%	38.3	38.3	0.0	0.0%	74.1%	37.6	37.6	0.0	0.0%
	51.6	51.8	0.0	0.4%		43.0	42.9	-0.1	0.270	74.170 7E 20/		38.3	0.0	0.5%	75.3%	37.6	37.6	0.0	0.0%
75.3%	51.b 51.5		0.2		75.3%				-0.2%	75.3%	38.1								0.0%
76.5%		51.6	0.1	0.2%	76.5%	43.0	42.9	-0.1	-0.2%	76.5%	38.0	38.1	0.1	0.3%	76.5%	37.6	37.6	0.0	0.0%
77.8%	51.5	51.5	0.0	0.0%	77.8%	42.9	42.9	0.0	0.0%	77.8%	38.0	38.1	0.1	0.3%	77.8%	37.4	37.6	0.2	0.5%
79.0%	51.5	51.4	-0.1	-0.2%	79.0%	42.9	42.8	-0.1	-0.2%	79.0%	38.0	38.0	0.0	0.0%	79.0%	37.4	37.4	0.0	0.0%
80.2%	51.4	51.4	0.0	0.0%	80.2%	42.8	42.8	0.0	0.0%	80.2%	38.0	38.0	0.0	0.0%	80.2%	37.4	37.4	0.0	0.0%
81.5%	51.4	51.3	-0.1	-0.2%	81.5%	42.7	42.6	-0.1	-0.2%	81.5%	37.9	37.8	-0.1	-0.3%	81.5%	37.3	37.4	0.1	0.3%
82.7%	51.2	51.3	0.1	0.2%	82.7%	42.6	42.5	-0.1	-0.2%	82.7%	37.8	37.8	0.0	0.0%	82.7%	37.3	37.3	0.0	0.0%
84.0%	51.1	51.1	0.0	0.2%	84.0%	42.5	42.5	0.0	0.0%	84.0%	37.8	37.8	0.0	0.0%	84.0%	37.3	37.3	0.0	0.0%
	51.1	51.1	0.0			42.5	42.5		0.0%	04.0% 0E 20/		37.7	-0.1			37.3 37.1	37.3 37.1	0.0	
85.2%			0.0	0.0%	85.2%			0.0	0.0%	85.2%	37.8			-0.3%	85.2%				0.0%
86.4%	51.0	51.1	0.1	0.2%	86.4%	42.5	42.4	-0.1	-0.2%	86.4%	37.6	37.6	0.0	0.0%	86.4%	36.9	36.9	0.0	0.0%
87.7%	50.9	51.1	0.2	0.4%	87.7%	42.5	42.4	-0.1	-0.2%	87.7%	37.6	37.5	-0.1	-0.3%	87.7%	36.9	36.9	0.0	0.0%
88.9%	50.9	51.0	0.1	0.2%	88.9%	42.4	42.4	0.0	0.0%	88.9%	37.3	37.3	0.0	0.0%	88.9%	36.9	36.9	0.0	0.0%
90.1%	50.9	51.0	0.1	0.2%	90.1%	42.4	42.3	-0.1	-0.2%	90.1%	37.2	37.3	0.1	0.3%	90.1%	36.8	36.8	0.0	0.0%
91.4%	50.9	51.0	0.1	0.2%	91.4%	41.9	41.9	0.0	0.0%	91.4%	37.2	37.2	0.0	0.0%	91.4%	36.7	36.7	0.0	0.0%
92.6%	50.5	50.7	0.2	0.4%	92.6%	41.6	41.6	0.0	0.0%	92.6%	37.1	37.0	-0.1	-0.3%	92.6%	36.6	36.6	0.0	0.0%
93.8%	50.5	50.7	-0.1	-0.2%	93.8%	41.6	41.6	0.0	0.0%	93.8%	36.9	37.0	0.1	0.3%		36.1	36.1	0.0	0.0%
															93.8%				
95.1%	50.3	50.2	-0.1	-0.2%	95.1%	41.2	41.2	0.0	0.0%	95.1%	36.5	36.5	0.0	0.0%	95.1%	34.9	34.9	0.0	0.0%
96.3%	50.0	49.9	-0.1	-0.2%	96.3%	40.6	40.0	-0.6	-1.5%	96.3%	36.0	36.3	0.3	0.8%	96.3%	34.4	34.4	0.0	0.0%
97.5%	49.8	49.8	0.0	0.0%	97.5%	39.4	39.7	0.3	0.8%	97.5%	35.1	35.2	0.1	0.3%	97.5%	34.2	34.4	0.2	0.6%
98.8%	49.7	49.8	0.1	0.2%	98.8%	38.8	38.7	-0.1	-0.3%	98.8%	34.1	34.1	0.0	0.0%	98.8%	29.0	29.0	0.0	0.0%
100.0%	49.7	49.8	0.1	0.2%	100.0%	38.8	38.7	-0.1	-0.3%	100.0%	34.1	34.1	0.0	0.0%	100.0%	29.0	29.0	0.0	0.0%

Table SQ-35-9b
Trinity River at North Fork, Monthly Temperature
Probability of Exceedance

									Probability	of Exceedance									
Percent		February			Percent		March			Percent		April			Percent		May		
Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative
Probability			(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
0.0%	(DEG-F) 46.6	(DEG-F) 46.6	0.0	0.0%	0.0%	(DEG-F) 50.7	(DEG-F) 50.8	0.1	0.2%		(DEG-F) 56.7	(DEG-F) 56.7	0.0	0.0%	(%) 0.0%	(DEG-F) 59.0	(DEG-F) 59.0	0.0	0.0%
1.2%	45.7	45.7	0.0	0.0%	1.2%	49.9	50.1	0.2	0.4%	1.2%	56.3	56.3	0.0	0.0%	1.2%	58.6	58.6	0.0	0.0%
2.5%	44.9	44.9	0.0	0.0%	2.5%	48.8	48.8	0.0	0.0%	2.5%	56.3	56.3	0.0	0.0%	2.5%	56.0	56.0	0.0	0.0%
3.7%	44.9 44.6	44.8 44.6	-0.1	-0.2%	3.7% 4.9%	48.6 48.6	48.6 48.6	0.0	0.0%	3.7% 4.9%	55.9 55.7	56.0 55.9	0.1	0.2%	3.7% 4.9%	55.4 55.1	55.4 55.1	0.0	0.0%
6.2%	44.6	44.6	0.0	0.0%	6.2%	48.3	48.3	0.0	0.0%	6.2%	55.7	55.7	0.0	0.0%	6.2%	55.0	55.0	0.0	0.0%
7.4%	44.5	44.5	0.0	0.0%	7.4%	48.3	48.2	-0.1	-0.2%	7.4%	55.7	55.7	0.0	0.0%	7.4%	54.6	54.6	0.0	0.0%
8.6% 9.9%	44.3 44.3	44.4 44.3	0.1	0.2%	8.6% 9.9%	48.2 48.1	48.2 48.0	0.0 -0.1	0.0%	8.6% 9.9%	55.6 55.5	55.7 55.6	0.1 0.1	0.2%	8.6% 9.9%	54.3 54.1	54.5 54.2	0.2	0.4% 0.2%
11.1%	44.2	44.2	0.0	0.0%	11.1%	48.0	48.0	0.0	0.0%	11.1%	55.4	55.5	0.1	0.2%	11.1%	53.9	53.8	-0.1	-0.2%
12.3%	44.2	44.2	0.0	0.0%	12.3%	47.9	47.9	0.0	0.0%	12.3%	55.4	55.5	0.1	0.2%	12.3%	53.7	53.7	0.0	0.0%
13.6% 14.8%	44.2 44.1	44.2 44.1	0.0	0.0%	13.6% 14.8%	47.9 47.7	47.8 47.7	-0.1 0.0	-0.2% 0.0%	13.6% 14.8%	55.3 55.2	55.4 55.3	0.1 0.1	0.2%	13.6% 14.8%	53.3 53.0	53.3 53.0	0.0	0.0%
16.0%	44.1	44.0	0.0	0.0%	16.0%	47.7	47.7	0.0	0.0%	16.0%	55.1	55.2	0.1	0.2%	16.0%	53.0	52.6	-0.3	-0.6%
17.3%	44.0	44.0	0.0	0.0%	17.3%	47.6	47.6	0.0	0.0%	17.3%	55.1	55.1	0.0	0.0%	17.3%	52.6	52.6	0.0	0.0%
18.5%	44.0 44.0	44.0	0.0	0.0%	18.5%	47.6 47.6	47.6 47.6	0.0	0.0%	18.5%	55.0	54.9	-0.1	-0.2%	18.5%	52.6	52.5	-0.1	-0.2%
19.8% 21.0%	44.0 44.0	44.0 44.0	0.0	0.0%	19.8% 21.0%	47.6 47.6	47.6 47.6	0.0	0.0%	19.8% 21.0%	54.8 54.7	54.8 54.7	0.0	0.0%	19.8% 21.0%	52.6 52.4	52.5 52.4	-0.1 0.0	-0.2% 0.0%
22.2%	44.0	44.0	0.0	0.0%	22.2%	47.5	47.5	0.0	0.0%	22.2%	54.7	54.7	0.0	0.0%	22.2%	52.4	52.2	-0.2	-0.4%
23.5%	43.9	43.9	0.0	0.0%	23.5%	47.5	47.5	0.0	0.0%	23.5%	54.6	54.6	0.0	0.0%	23.5%	52.2	52.0	-0.2	-0.4%
24.7% 25.9%	43.9 43.8	43.9 43.8	0.0	0.0% 0.0%	24.7% 25.9%	47.5 47.4	47.5 47.4	0.0	0.0%	24.7% 25.9%	54.4 54.4	54.4 54.3	0.0 -0.1	0.0%	24.7% 25.9%	52.0 52.0	52.0 52.0	0.0	0.0%
27.2%	43.8	43.8	0.0	0.0%	27.2%	47.4	47.4	0.0	0.0%	27.2%	54.3	54.3	0.0	0.0%	27.2%	51.9	51.9	0.0	0.0%
28.4%	43.7	43.7	0.0	0.0%	28.4%	47.3	47.3	0.0	0.0%	28.4%	54.3	54.3	0.0	0.0%	28.4%	51.9	51.9	0.0	0.0%
29.6%	43.6	43.6	0.0	0.0%	29.6%	47.3	47.2	-0.1	-0.2%	29.6%	54.2	54.2	0.0	0.0%	29.6%	51.9	51.8	-0.1	-0.2%
30.9% 32.1%	43.6 43.5	43.6 43.5	0.0	0.0%	30.9% 32.1%	47.2 47.1	47.0 47.0	-0.2 -0.1	-0.4% -0.2%	30.9% 32.1%	54.2 54.2	54.2 54.2	0.0	0.0%	30.9% 32.1%	51.7 51.5	51.7 51.6	0.0	0.0%
33.3%	43.5	43.5	0.0	0.0%	33.3%	47.0	47.0	0.0	0.0%	33.3%	54.0	54.0	0.0	0.0%	33.3%	51.5	51.5	0.0	0.0%
34.6%	43.5	43.5	0.0	0.0%	34.6%	47.0	47.0	0.0	0.0%	34.6% 35.8%	54.0	54.0	0.0	0.0%	34.6%	51.5	51.4	-0.1	-0.2%
35.8% 37.0%	43.5 43.4	43.5 43.4	0.0	0.0%	35.8% 37.0%	47.0 46.9	47.0 46.9	0.0	0.0%	35.8%	53.9 53.9	54.0 54.0	0.1	0.2%	35.8% 37.0%	51.4 51.3	51.4 51.3	0.0	0.0%
38.3%	43.4	43.4	0.0	0.0%	38.3%	46.9	46.9	0.0	0.0%	38.3%	53.7	53.7	0.0	0.0%	38.3%	51.1	51.1	0.0	0.0%
39.5%	43.4	43.4	0.0	0.0%	39.5%	46.9	46.8	-0.1	-0.2%	39.5%	53.7	53.7	0.0	0.0%	39.5%	51.1	51.1	0.0	0.0%
40.7% 42.0%	43.4 43.4	43.4 43.4	0.0	0.0%	40.7% 42.0%	46.9 46.7	46.8 46.7	-0.1 0.0	-0.2% 0.0%	40.7% 42.0%	53.7 53.7	53.7 53.6	0.0 -0.1	0.0%	40.7% 42.0%	51.1 51.1	51.1 51.0	0.0 -0.1	0.0% -0.2%
43.2%	43.3	43.3	0.0	0.0%	43.2%	46.7	46.7	0.0	0.0%	43.2%	53.6	53.6	0.0	0.0%	43.2%	51.0	51.0	0.0	0.0%
44.4%	43.3	43.3	0.0	0.0%	44.4%	46.7	46.7	0.0	0.0%	44.4%	53.6	53.6	0.0	0.0%	44.4%	51.0	50.9	-0.1	-0.2%
45.7% 46.9%	43.3 43.2	43.3 43.2	0.0	0.0%	45.7% 46.9%	46.7 46.7	46.7 46.7	0.0	0.0%	45.7% 46.9%	53.6 53.5	53.5 53.5	-0.1	-0.2% 0.0%	45.7% 46.9%	50.9 50.8	50.9 50.8	0.0	0.0%
48.1%	43.2	43.2	0.0	0.0%	48.1%	46.5	46.6	0.0	0.2%	48.1%	53.5	53.5	0.0	0.0%	48.1%	50.8	50.8	0.0	0.0%
49.4%	43.2	43.2	0.0	0.0%	49.4%	46.5	46.5	0.0	0.0%	49.4%	53.5	53.5	0.0	0.0%	49.4%	50.8	50.7	-0.1	-0.2%
50.6% 51.9%	43.2 43.2	43.2 43.2	0.0	0.0%	50.6% 51.9%	46.5 46.5	46.5 46.4	0.0 -0.1	0.0%	50.6% 51.9%	53.5 53.4	53.4 53.4	-0.1 0.0	-0.2% 0.0%	50.6% 51.9%	50.7 50.7	50.7 50.6	0.0 -0.1	-0.2%
53.1%	43.2	43.2	0.0	0.0%	53.1%	46.4	46.4	0.0	0.0%	53.1%	53.4	53.4	0.0	0.0%	53.1%	50.7	50.6	-0.1	-0.2%
54.3%	43.1	43.1	0.0	0.0%	54.3%	46.4	46.4	0.0	0.0%	54.3%	53.3	53.3	0.0	0.0%	54.3%	50.6	50.5	-0.1	-0.2%
55.6% 56.8%	43.0 43.0	43.0 43.0	0.0	0.0%	55.6% 56.8%	46.3 46.3	46.3 46.3	0.0	0.0%	55.6% 56.8%	53.2 53.1	53.2 53.2	0.0 0.1	0.0%	55.6% 56.8%	50.5 50.5	50.5 50.4	0.0 -0.1	0.0% -0.2%
58.0%	43.0	43.0	0.0	0.0%	58.0%	46.3	46.3	0.0	0.0%	58.0%	53.0	53.2	0.1	0.2%	58.0%	50.5	50.4	0.0	0.0%
59.3%	42.9	42.9	0.0	0.0%	59.3%	46.3	46.3	0.0	0.0%	59.3%	53.0	53.1	0.1	0.2%	59.3%	50.3	50.3	0.0	0.0%
60.5%	42.9 42.8	42.9	0.0	0.0%	60.5%	46.2	46.2 46.2	0.0	0.0%	60.5%	53.0	53.0	0.0	0.0%	60.5% 61.7%	50.3 50.2	50.2 50.1	-0.1	-0.2%
61.7% 63.0%	42.8 42.7	42.8 42.7	0.0	0.0%	61.7% 63.0%	46.2 46.1	46.2 46.1	0.0	0.0%	61.7% 63.0%	53.0 53.0	53.0 53.0	0.0	0.0%	61.7%	50.2 50.1	50.1 50.1	-0.1 0.0	-0.2% 0.0%
64.2%	42.6	42.7	0.1	0.2%	64.2%	46.1	46.1	0.0	0.0%	64.2%	52.9	53.0	0.1	0.2%	64.2%	50.1	50.0	-0.1	-0.2%
65.4%	42.6	42.6	0.0	0.0%	65.4%	46.1	46.1	0.0	0.0%	65.4%	52.8	53.0	0.2	0.4%	65.4%	50.0	50.0	0.0	0.0%
66.7% 67.9%	42.6 42.5	42.6 42.6	0.0	0.0% 0.2%	66.7% 67.9%	46.1 46.1	46.1 45.9	0.0 -0.2	0.0%	66.7% 67.9%	52.8 52.8	52.9 52.8	0.1	0.2%	66.7% 67.9%	50.0 49.9	50.0 49.9	0.0	0.0%
69.1%	42.5	42.5	0.0	0.0%	69.1%	45.8	45.8	0.0	0.0%	69.1%	52.8	52.8	0.0	0.0%	69.1%	49.8	49.9	0.1	0.0%
70.4%	42.5	42.5	0.0	0.0%	70.4%	45.7	45.7	0.0	0.0%	70.4%	52.8	52.8	0.0	0.0%	70.4%	49.7	49.8	0.1	0.2%
71.6% 72.8%	42.4 42.4	42.5 42.4	0.1	0.2% 0.0%	71.6% 72.8%	45.7 45.7	45.7 45.6	0.0 -0.1	0.0%	71.6% 72.8%	52.8 52.7	52.8 52.7	0.0	0.0%	71.6% 72.8%	49.7 49.7	49.7 49.7	0.0	0.0%
74.1%	42.4	42.4	0.0	0.0%	74.1%	45.6	45.6	0.0	0.2%	74.1%	52.7	52.7	0.0	0.0%	74.1%	49.7	49.6	-0.1	-0.2%
75.3%	42.4	42.4	0.0	0.0%	75.3%	45.6	45.6	0.0	0.0%	75.3%	52.7	52.7	0.0	0.0%	75.3%	49.6	49.6	0.0	0.0%
76.5%	42.2	42.2	0.0	0.0%	76.5%	45.6	45.6	0.0	0.0%	76.5%	52.6	52.6	0.0	0.0%	76.5%	49.5	49.6	0.1	0.2%
77.8% 79.0%	42.2 42.2	42.2 42.2	0.0	0.0%	77.8% 79.0%	45.5 45.5	45.5 45.5	0.0	0.0%	77.8% 79.0%	52.5 52.4	52.4 52.4	-0.1 0.0	-0.2% 0.0%	77.8% 79.0%	49.4 49.4	49.5 49.5	0.1	0.2%
80.2%	42.0	42.0	0.0	0.0%	80.2%	45.5	45.4	-0.1	-0.2%	80.2%	52.4	52.3	-0.1	-0.2%	80.2%	49.4	49.4	0.0	0.0%
81.5%	42.0	42.0	0.0	0.0%	81.5%	45.4	45.4	0.0	0.0%	81.5%	52.3	52.2	-0.1	-0.2%	81.5%	49.4	49.4	0.0	0.0%
82.7% 84.0%	42.0 41.9	42.0 41.9	0.0	0.0%	82.7% 84.0%	45.3 45.3	45.3 45.3	0.0	0.0%	82.7% 84.0%	52.3 52.2	51.9 51.9	-0.4 -0.3	-0.8% -0.6%	82.7% 84.0%	49.3 49.2	49.3 49.2	0.0	0.0%
85.2%	41.9	41.8	-0.1	-0.2%	85.2%	45.2 45.2	45.3 45.2	0.0	0.0%	85.2%	51.9	51.9	0.0	0.0%	85.2%	49.2	49.2	0.0	0.0%
86.4%	41.8	41.8	0.0	0.0%	86.4%	45.2	45.1	-0.1	-0.2%	86.4%	51.9	51.7	-0.2	-0.4%	86.4%	49.1	49.1	0.0	0.0%
87.7%	41.6	41.6	0.0	0.0%	87.7%	45.1	45.1	0.0	0.0%	87.7%	51.8	51.7	-0.1	-0.2%	87.7%	49.1	49.1	0.0	0.0%
88.9% 90.1%	41.2 41.2	41.2 41.2	0.0	0.0%	88.9% 90.1%	45.1 44.9	45.0 44.9	-0.1 0.0	-0.2% 0.0%	88.9% 90.1%	51.8 51.7	51.7 51.4	-0.1 -0.3	-0.2% -0.6%	88.9% 90.1%	49.1 49.1	49.1 49.1	0.0	0.0%
91.4%	41.1	41.1	0.0	0.0%	91.4%	44.7	44.7	0.0	0.0%	91.4%	51.3	51.3	0.0	0.0%	91.4%	49.1	49.1	0.0	0.0%
92.6%	41.0	41.1	0.1	0.2%	92.6%	44.6	44.6	0.0	0.0%	92.6%	51.2	51.2	0.0	0.0%	92.6%	49.1	49.1	0.0	0.0%
93.8% 95.1%	40.9 40.8	41.0 40.8	0.1	0.2% 0.0%	93.8% 95.1%	44.6 44.6	44.6 44.6	0.0	0.0%	93.8% 95.1%	51.0 50.8	51.0 50.8	0.0	0.0%	93.8% 95.1%	49.0 48.8	48.8 48.4	-0.2 -0.4	-0.4% -0.8%
95.1% 96.3%	40.8	40.8 40.1	0.0	0.0%	95.1% 96.3%	44.6 44.4	44.b 44.4	0.0	0.0%	95.1% 96.3%	50.8	50.8	0.0	0.0%	95.1% 96.3%	48.8 48.4	48.4 48.2	-0.4	-0.8%
97.5%	40.0	40.0	0.0	0.0%	97.5%	44.2	44.2	0.0	0.0%	97.5%	50.3	50.3	0.0	0.0%	97.5%	48.1	48.1	0.0	0.0%
98.8%	39.4	39.4	0.0	0.0%	98.8%	43.8	43.8	0.0	0.0%	98.8%	49.5	49.5	0.0	0.0%	98.8%	48.1 48.1	48.1	0.0	0.0%
100.0%	39.4	39.4	0.0	0.0%	100.0%	43.8	43.8	0.0	0.0%	100.0%	49.5	49.5	0.0	0.0%	100.0%	48.1	48.1	0.0	0.0%

Table SQ-35-9b
Trinity River at North Fork, Monthly Temperature
Probability of Exceedance

August

September

	Percent		June			Percent		July			Percent		August			Percent				
March Marc		No Action Alternative	Alternative D	Absolute	Relative		No Action Alternative	Alternative D	Absolute	Relative		No Action Alternative	Alternative D	Absolute	Relative		No Action Alternative	Alternative D	Absolute	Relative
No.		Monthly Temperature	Monthly Temperature				Monthly Temperature	Monthly Temperature				Monthly Temperature	Monthly Temperature				Monthly Temperature	Monthly Temperature		
Color				(DEG-F)																
1				0.0	0.0%	0.0%			-0.1	-0.1%	0.0%			-0.7	-1.0%	0.0%			-0.4	-0.6%
3-76	1.2%	66.4	66.4	0.0	0.0%	1.2%	69.9	69.9	0.0	0.0%	1.2%	68.9	68.9	0.0	0.0%	1.2%	65.2	64.0	-1.2	-1.8%
AB						2.5%					2.5%								0.2	0.3%
Column		65.7			-0.8%		68.8			-0.1%		68.2			-0.6%					
The Col. C																				
1.5																				0.2%
April Apri																				
11 12 13 14 15 15 15 15 15 15 15	8.6%									-0.6%	8.6%			0.1	0.1%				0.2	0.3%
1.00																				
150 150	11.1%										11.1%					11.1%			0.1	0.2%
140																				
Section Column																				0.2%
17.5																			0.0	
150,																				-0.5%
18th Col.																			-0.2	-0.3%
1995 1995											18.5%									
22.5 62.7 62.7 62.8 62.8 62.9																				
20.00																				
2-77. 620 C27																				
25.00											23.5%									
27. 117																			0.0	
28.00	23.976			*0.3						-0.276	23.370				0.276	23.970			0.0	0.0%
20	27.270					27.270					27.2%				0.0%		59.9	59.0	-0.1	
330% 014 015 01 02% 300% 026 020 027 026 020 020 020 020 020 020 020 020 020																				0.0%
30 10 01 02 02 05 07 07 07 07 07 07 07 07 07 07 07 07 07	30.0%					30.0%				0.0%	20.0%				0.0%	20.0%				0.0%
Start Geo.																				0.2%
340% 61 0 615				-0.1																
1.50																				
37 PM																				
20.00	37.0%		60.2			37.0%			-0.2		37.0%									
20.00		59.5		0.0	0.0%		65.3	65.2		-0.2%		64.9	65.0	0.1	0.2%	38.3%	59.5	59.5	0.0	
40 7% 90 5 90 5 90 6 90 7% 40 7% 90 6 90 7% 40 7% 90 6 90 7% 40 7% 90 6 90 7% 40 7% 90 6 90 7% 40 7% 90 7% 40	39.5%					39.5%			0.0		39.5%			0.0					0.0	0.0%
420% 921 901 901 907 903 905 905 905 905 905 905 905 905 905 905																				
4278 589 589 500 00% 425% 661 647 044 40% 442 643 424 424 42 625 523 584 01 02% 447% 648 648 644 42 42 42 42 42 42 42 42 42 42 42 42 4			59.1	0.0							42.0%									0.2%
44-09, 58-6 58-7 0.1 0.2 0.5 44-09, 58-6 58-7 0.1 0.2 0.5 44-09, 58-6 58-8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	43.2%					43.2%					43.2%						59.3		0.1	0.2%
46.7% 58.6 58.6 0.0 0.0% 45.7% 58.6 64.5 0.3 0.0% 45.7% 58.6 64.5 0.3 0.0% 45.7% 58.6 64.5 0.0 0.0% 58.6 58.6 0.0 0.0% 58.6 58.6 0.0 0.0% 58.6 58.6 0.0 0.0% 58.6 58.6 0.0 0.0% 58.6 58.6 0.0 0.0% 58.6 58.6 0.0 0.0% 58.6 58.6 0.0 0.0% 58.6 58.6 58.6 58.6 58.6 58.6 58.6 58.6		58.6	58.7			44.4%		64.6	-0.4			64.7	64.4				59.2	59.4	0.2	
467% 58.6 58.6 50.0 0.0 0.0% 46.9% 56.6 64.4 0.2 0.3% 56.0 0.0 0.0% 56.0 0.0 0.0% 56.0 0.0 0.0% 56.0 0.0 0.0% 56.0 0.0 0.0% 56.0 0.0 0.0% 56.0 0.0 0.0% 56.0 0.0 0.0% 56.0 0.0 0.0% 56.0 0.0 0.0% 56.0 0.0 0.0% 56.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0		58.6	58.6			45.7%	64.8	64.5	-0.3	-0.5%	45.7%	64.6	64.4	-0.2	-0.3%	45.7%	59.2	59.3	0.1	0.2%
441% 585 985 00 00% 481% 644 643 -01 0-2% 481% 644 643 -01 0-2% 481% 584 000 00% 581 000 000 00% 581 000 000 00% 581 000 000 00% 581 000 000 00% 581 000 000 00% 581 000 000 0	46.9%	58.6	58.6	0.0	0.0%	46.9%	64.6	64.4	-0.2	-0.3%	46.9%	64.6	64.3	-0.3	-0.5%	46.9%	59.2	59.2	0.0	
520% 58.4 58.4 0.0 0.0% 520% 64.2 68.1 -0.1 -0.2% 520% 64.4 68.3 -0.1 -0.2% 520.0 520 0.0 0.0 0.0% 51.9% 64.0 0.0 0.0 0.0% 51.9% 64.0 0.0 0.0 0.0% 51.9% 64.0 0.0 0.0 0.0% 51.9% 64.0 0.0 0.0 0.0% 51.9% 64.0 0.0 0.0 0.0% 51.9% 64.0 0.0 0.0 0.0 0.0% 51.9% 64.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	48.1%	58.5	58.5	0.0	0.0%	48.1%	64.4	64.3	-0.1	-0.2%	48.1%	64.5	64.3	-0.2	-0.3%	48.1%	59.1	59.1	0.0	0.0%
919% 592 582 0.0 0.0% 51.9% 64.1 64.0 -0.1 -0.2% 51.9% 64.3 64.1 -0.2 -0.3% 51.9% 59.9 59.0 0.1 0.2% 51.9% 69.8 59.0 0.1 0.2% 51.9% 51.9% 69.8 59.0 0.1 0.2% 51.9% 51.9% 51.9% 51.9% 51.9% 51.9% 51.9% 51.9% 51.9% 51.9% 51.9	49.4%	58.4	58.5	0.1	0.2%	49.4%			-0.1	-0.2%	49.4%		64.3	-0.1	-0.2%	49.4%			0.0	0.0%
\$3.1% \$82 \$50 \$0.2 \$0.2 \$0.3% \$3.1% \$4.0 \$4.0 \$0.0 \$0.0 \$0.0 \$5.1% \$4.3 \$4.1 \$0.2 \$0.0 \$5.1% \$5.3 \$5.5 \$8.9 \$5.9 \$0.0 \$0.0 \$5.5 \$5.5 \$5.0 \$5.0 \$5.0 \$5.0					0.0%		64.2	64.1		-0.2%				-0.1	-0.2%					
54.7% 58.0 57.9 -0.1 -0.2% 55.9% 64.0 64.0 0.0 0.0% 55.9% 64.2 64.1 -0.1 -0.2% 55.9% 58.8 58.9 0.0 0.0% 55.9% 58.8 58.9 0.0 0.0% 55.9% 58.8 58.9 0.0 0.0% 58.9% 58.8 58.9 0.0 0.0% 58.9% 58.8 58.9 0.0 0.0% 58.9% 58.8 58.9 0.0 0.0% 58.0% 58.8 58.9 0.0 0.0% 58.0% 58.8 58.9 0.0 0.0% 58.	51.9%										51.9%									0.2%
556% 578 577 -0.1 -0.2% 556% 64.0 63.8 -0.2 -0.3% 556% 64.2 -6.4 -0.1 -0.2% 556% 58.8 58.8 0.1 0.2% 556% 58.8 58.9 0.1 0.2% 556% 578 577 -0.1 -0.2% 556% 58.8 58.8 0.0 0.0% 55.8 58.8 58.9 0.1 0.2% 556% 578 577 -0.1 -0.2% 556% 58.8 58.8 0.0 0.0% 556% 64.1 64.1 0.0 0.0% 55.8 58.8 58.8 0.0 0.0% 556% 578 577 -0.1 -0.2% 556% 58.8 58.8 0.0 0.0% 556% 58.8 58.8 0.0 0.0% 556% 58.8 58.8 0.0 0.0% 556% 58.8 58.8 0.0 0.0% 556% 58.8 58.8 0.0 0.0% 556% 58.8 58.8 0.0 0.0% 556% 58.8 58.8 0.0 0.0% 556% 58.8 58.8 0.0 0.0% 56.8 58.8 58.8 0.0 0.0% 56.8 58.8 58.8 0.0 0.0% 56.8 58.8 58.8 0.0 0.0% 56.8 58.8 58.8 0.0 0.0% 56.8 58.8 58.8 0.0 0.0% 56.8 58.8 58.8 0.0 0.0% 56.8 58.8 58.8 0.0 0.0% 56.8 58.8 58.8 0.0 0.0 0.0% 56.8 58.8 58.8 58.8 0.0 0.0 0.0% 56.8 58.8 58.8 58.8 0.0 0.0 0.0% 56.8 58.8 58.8 58.8 0.0 0.0 0.0% 56.8 58.8 58.8 58.8 0.0 0.0 0.0% 56.8 58.8 58.8 58.8 0.0 0.0 0.0% 56.8 58.8 58.8 58.8 58.8 0.0 0.0 0.0% 56.8 58.8 58.8 58.8 58.8 0.0 0.0 0.0% 56.8 58.8 58.8 58.8 58.8 0.0 0.0 0.0% 56.8 58.8 58.8 58.8 58.8 58.8 58.8 0.0 0.0 0.0% 56.8 58	53.1%			-0.2	-0.3%	53.1%			0.0	0.0%	53.1%	64.3	64.1	-0.2		53.1%			0.0	0.0%
58.0% 57.8 57.7 -0.1 -0.2% 58.0% 53.8 53.8 0.0 0.0% 56.0% 64.1 64.1 0.0 0.0% 58.0% 58.8 58.8 0.0 0.0% 58.0%																				
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59.9% 57.7 57.7 0.0 0.0% 59.3% 63.8 63.7 -0.1 -0.2% 59.3% 64.1 64.0 -0.1 -0.2% 59.3% 58.7 58.6 -0.1 -0.2% 60.5% 63.8 63.7 -0.1 -0.2% 59.3% 58.7 58.6 -0.1 -0.2% 60.5% 63.8 63.7 -0.1 -0.2% 60.5% 63.8 63.8 -0.1 -0.2% 60.5% 63.8 63.8 -0.1 -0.2%																				
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61.7% 57.7 57.7 0.0 0.0% 61.7% 63.7 63.6 -0.1 -0.2% 61.7% 63.9 63.9 0.0 0.0% 61.7% 58.6 58.5 -0.1 -0.2% 62.7% 57.6 0.0 0.0% 58.30% 58.6 58.5 0.0 0.0% 63.0% 59.		57.7																	-0.1	-0.2%
830% 57.6 57.6 0.0 0.0% 83.6 83.6 0.0 0.0% 63.0% 83.9 63.9 0.0 0.0% 83.9 63.9 0.0 0.0% 83.0% 59.4 58.5 0.1 0.2% 64.2% 53.3 58.3 0.0 0.0% 65.4% 57.2 57.2 57.2 0.0 0.0 0.0% 65.4% 63.6 63.5 0.1 0.2% 64.2% 53.8 63.3 0.0 0.0% 65.4% 63.8 63.8 0.0 0.0% 65.4% 63.8 0.0 0.0 0.0% 65.4% 63.8 0.0 0.0 0.0% 65.4% 63.8 0.0 0.0 0.0% 65.4% 63	60.5%									-0.2%	60.5%				-0.3%	60.5%			-0.1	-0.2%
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81.5% 55.5 55.5 0.0 0.0% 81.5% 62.2 61.9 0.3 0.5% 81.5% 63.3 63.0 0.0.5% 81.5% 57.6 57.7 0.1 0.2% 81.5% 55.3 0.0 0.0% 82.7% 63.3 63.0 0.0 0.0% 82.7% 63.3 62.8 0.5 0.8 82.7% 55.5 57.6 57.7 0.1 0.2% 84.0% 54.8 54.8 0.0 0.0% 84.0% 61.8 61.7 0.1 0.2% 84.0% 63.1 62.8 0.3 0.5% 84.0% 57.5 57.6 0.1 0.2% 85.2% 54.2 54.2 54.2 54.2 54.2 54.2 54.2 54.2																				0.2%
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86.2% 54.2 54.2 0.0 0.0% 85.2% 61.7 61.5 0.2 0.3% 85.2% 63.1 62.7 0.0 0.6% 85.2% 57.5 57.5 0.0 0.0% 86.4% 53.7 53.7 0.0 0.0% 86.4% 61.4 61.2 0.2 0.2 0.3% 86.4% 62.8 62.7 0.1 0.2% 86.4% 57.4 57.3 57.3 0.0 0.0% 87.7% 53.6 53.6 0.0 0.0% 87.7% 61.2 61.0 0.2 0.3% 87.7% 62.8 62.6 0.2 0.3% 87.7% 57.3 57.3 0.0 0.0% 91.4% 53.2 53.1 0.1 0.2% 90.1% 61.0 60.9 0.1 0.2% 90.1% 62.7 62.6 0.2 0.3% 88.9% 57.3 57.3 0.0 0.0% 91.4% 53.0 53.0 0.0 0.0% 91.4% 61.0 60.8 0.2 0.3% 90.1% 62.7 62.6 0.1 0.2% 90.1% 57.3 57.2 0.1 0.2% 92.6% 52.9 52.9 0.0 0.0% 92.6% 60.8 0.9 0.0 0.0% 92.6% 60.8 60.5 0.3 0.5% 92.6% 92.8%	84.0%	54.8		0.0	0.0%	84.0%				-0.2%	84.0%	63.1		-0.3	-0.5%	84.0%			0.1	0.2%
86.4% 53.7 53.7 0.0 0.0% 86.4% 61.4 61.2 0.2 0.3% 86.4% 62.8 62.7 0.1 0.2% 86.4% 57.4 57.3 0.1 0.2% 88.9% 53.3 53.6 0.0 0.0% 88.7% 61.2 61.0 0.2 0.3% 88.9% 62.8 62.6 0.2 0.3% 87.7% 53.8 57.3 57.3 0.0 0.0% 89.9% 53.3 53.2 0.1 0.2% 88.9% 61.0 60.9 0.1 0.2% 88.9% 62.8 62.6 0.2 0.3% 87.7% 52.8 52.9 53.1 0.1 0.2% 90.1% 61.0 60.8 0.2 0.3% 90.1% 62.7 62.6 0.1 0.2% 90.1% 57.3 57.3 0.0 0.0% 91.4% 53.0 53.0 0.0 0.0% 91.4% 60.9 60.6 0.3 0.2 0.3% 91.4% 62.8 62.6 0.1 0.2% 90.1% 57.3 57.3 0.0 0.0% 92.6% 52.9 52.9 0.0 0.0% 92.6% 60.8 60.5 0.3 0.5% 91.4% 62.8 62.1 0.5 0.8% 91.4% 57.1 57.2 0.1 0.2% 93.8% 52.1 52.1 0.0 0.0% 92.6% 60.8 60.5 0.3 0.0 0.0% 93.8% 61.6 61.7 0.1 0.2% 93.8% 56.6 56.5 50.1 0.2% 95.1% 95.9% 95				0.0	0.0%		61.7	61.5	-0.2	-0.3%	85.2%	63.1			-0.6%	85.2%				0.0%
87.7% 53.6 53.6 0.0 0.0% 87.7% 61.2 61.0 0.2 0.3% 87.7% 62.8 62.6 0.2 0.3% 87.7% 57.3 57.3 0.0 0.0% 89.9% 53.3 53.2 0.1 0.2% 88.9% 61.0 60.9 0.1 0.2% 88.9% 62.8 62.6 0.2 0.3% 88.9% 57.3 57.3 0.0 0.0% 90.1% 53.2 53.1 0.1 0.2% 90.1% 61.0 60.8 0.2 0.3% 90.1% 62.7 62.6 0.1 0.2% 90.1% 57.3 57.2 0.1 0.2% 91.4% 53.0 53.0 0.0 0.0% 91.4% 60.9 60.6 0.3 0.5% 91.4% 62.7 62.6 0.1 0.2% 90.1% 57.3 57.2 0.1 0.2% 92.6% 52.9 52.9 0.0 0.0% 92.6% 60.8 60.5 0.3 0.5% 92.6% 62.0 62.0 0.0 0.0% 92.6% 56.7 56.7 0.0 0.0% 93.8% 52.1 52.1 0.0 0.0% 93.8% 60.4 60.4 0.0 0.0% 93.8% 61.6 61.7 0.1 0.2% 93.8% 56.6 56.5 0.1 0.2% 95.1% 52.0 52.0 0.0 0.0% 95.1% 60.3 60.3 0.0 0.0% 95.1% 61.4 61.6 0.2 0.3% 95.1% 56.4 56.3 0.1 0.2% 95.3% 51.7 51.7 0.0 0.0% 95.3% 50.6 50.6 0.0 0.0% 95.3% 50.6 50.6 50.6 0.0 0.0% 97.5% 56.6 56.6 50.6 0.0 0.0% 97.5% 54.9 55.2 0.3 0.5% 98.8% 50.5 50.5 0.0 0.0% 98.8% 54.1 54.1 0.0 0.0% 98.8% 50.4 60.7 0.3 0.5% 98.8% 54.3 54.2 0.1 0.2%	86.4%	53.7		0.0	0.0%	86.4%				-0.3%	86.4%	62.8		-0.1	-0.2%	86.4%			-0.1	-0.2%
88.9% 53.3 53.2 -0.1 -0.2% 88.9% 61.0 60.9 -0.1 -0.2% 88.9% 62.8 62.6 -0.2 -0.3% 88.9% 57.3 57.3 0.0 0.0% 90.1% 53.2 53.1 -0.1 -0.2% 90.1% 61.0 60.8 -0.2 -0.3% 90.1% 62.7 62.6 -0.1 -0.2% 90.1% 57.3 57.3 0.0 0.0% 91.4% 53.0 53.0 0.0 0.0% 91.4% 60.9 60.6 -0.3 -0.5% 91.4% 62.6 62.1 -0.5 -0.8% 91.4% 57.1 57.2 0.1 0.2% 92.6% 52.9 52.9 0.0 0.0% 92.6% 60.8 60.5 -0.3 -0.5% 92.6% 62.0 62.0 0.0 0.0% 92.6% 56.7 56.7 0.0 0.0% 93.8% 52.1 52.1 0.0 0.0% 93.8% 60.4 60.4 0.0 0.0% 93.8% 61.6 61.7 0.1 0.2% 93.8% 56.6 56.5 -0.1 -0.2% 95.1% 95.3% 56.6 56.5 -0.1 -0.2% 95.1% 52.0 52.0 0.0 0.0% 95.1% 60.3 0.3 0.0 0.0% 95.1% 61.4 61.6 0.2 0.3% 95.1% 56.4 56.3 -0.1 -0.2% 95.3% 56.6 56.5 -0.1 -0.2% 97.5% 50.6 50.6 0.0 0.0% 97.5% 56.6 56.6 0.0 0.0% 97.5% 51.1 61.1 0.0 0.0% 96.3% 55.3 56.1 -0.2 -0.4% 98.8% 50.5 50.5 50.5 0.0 0.0% 98.8% 54.1 54.1 0.0 0.0% 98.8% 61.1 61.1 0.0 0.0% 97.5% 54.9 55.2 0.3 0.5% 98.8% 50.5 50.5 0.0 0.0% 98.8% 54.1 54.1 0.0 0.0% 98.8% 60.4 60.7 0.3 0.5% 98.8% 54.3 54.2 -0.1 -0.2%											87.7%									0.0%
90.1% 53.2 53.1 -0.1 -0.2% 90.1% 61.0 60.8 -0.2 -0.3% 90.1% 62.7 62.6 -0.1 -0.2% 90.1% 57.3 57.2 -0.1 -0.2% 91.4% 53.0 53.0 00.0 0.0% 91.4% 60.9 60.6 -0.3 -0.5% 91.4% 62.6 62.1 -0.5 -0.8% 91.4% 57.1 57.1 0.1 0.2% 92.6% 52.9 52.9 0.0 0.0% 92.6% 60.8 60.5 -0.3 -0.5% 92.6% 62.0 62.0 0.0 0.0% 92.6% 56.7 56.7 0.0 0.0% 93.8% 61.6 61.7 0.1 0.2% 93.8% 52.1 52.1 0.0 0.0% 93.8% 60.4 60.4 0.0 0.0% 93.8% 61.6 61.7 0.1 0.2% 93.8% 56.6 56.5 0.1 -0.2% 93.8% 52.0 52.0 0.0 0.0% 95.1% 60.3 60.3 0.0 0.0% 95.1% 61.4 61.6 0.2 0.3% 95.1% 56.4 56.3 -0.1 -0.2% 93.8% 50.5 50.5 0.0 0.0% 97.5% 56.6 56.6 0.0 0.0% 97.5% 61.1 61.1 0.0 0.0% 96.3% 58.3 56.2 0.3 0.5% 98.8% 50.5 50.5 0.0 0.0% 97.5% 56.6 56.6 0.0 0.0% 97.5% 61.1 61.1 0.0 0.0% 97.5% 54.9 55.2 0.3 0.5% 98.8% 50.5 50.5 0.0 0.0% 98.8% 54.1 54.1 0.0 0.0% 98.8% 50.4 60.7 0.3 0.5% 98.8% 54.3 54.2 0.1 -0.2%																				0.0%
$\begin{array}{cccccccccccccccccccccccccccccccccccc$					-0.2%					-0.3%										-0.2%
93.8% 52.1 52.1 0.0 0.0% 93.8% 60.4 60.4 0.0 0.0% 93.8% 61.6 61.7 0.1 0.2% 93.8% 56.6 56.5 -0.1 -0.2% 95.1% 52.0 52.0 0.0 0.0% 95.1% 60.3 60.3 0.0 0.0% 95.1% 61.4 61.6 0.2 0.3% 95.1% 56.4 56.3 -0.1 -0.2% 96.3% 51.7 51.7 0.0 0.0% 96.3% 59.7 59.7 0.0 0.0% 96.3% 61.1 61.1 0.0 0.0% 96.3% 56.3 56.1 -0.2 -0.4% 97.5% 50.6 50.6 0.0 0.0% 97.5% 56.6 56.6 0.0 0.0% 97.5% 51.1 61.1 0.0 0.0% 97.5% 54.9 55.2 0.3 0.5% 98.8% 50.5 50.5 0.0 0.0% 98.8% 54.1 54.1 0.0 0.0% 98.8% 50.4 60.7 0.3 0.5% 98.8% 54.3 54.2 -0.1 -0.2%	91.4%	53.0	53.0			91.4%	60.9	60.6		-0.5%	91.4%			-0.5	-0.8%	91.4%	57.1	57.2	0.1	0.2%
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	92.6%										92.6%							56.7		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	93.8%	52.1		0.0	0.0%	93.8%		60.4	0.0	0.0%	93.8%	61.6		0.1	0.2%	93.8%		56.5	-0.1	-0.2%
96.3% 51.7 51.7 0.0 0.0% 96.3% 59.7 59.7 0.0 0.0% 96.3% 61.1 61.1 0.0 0.0% 96.3% 56.3 56.1 -0.2 -0.4% 97.5% 50.6 50.6 0.0 0.0% 97.5% 56.6 56.6 0.0 0.0% 97.5% 61.1 61.1 0.0 0.0% 97.5% 54.9 55.2 0.3 0.5% 98.8% 50.5 50.5 0.0 0.0% 98.8% 54.1 54.1 0.0 0.0% 98.8% 60.4 60.7 0.3 0.5% 98.8% 54.3 54.2 -0.1 -0.2%																				-0.2%
98.8% 50.5 50.5 0.0 0.0% 98.8% 54.1 54.1 0.0 0.0% 98.8% 60.4 60.7 0.3 0.5% 98.8% 54.3 54.2 -0.1 -0.2%	96.3%	51.7		0.0	0.0%	96.3%			0.0	0.0%	96.3%	61.1	61.1	0.0	0.0%	96.3%	56.3	56.1	-0.2	-0.4%
100.0% 50.5 50.5 0.0 0.0% 100.0% 54.1 54.1 0.0 0.0% 100.0% 60.4 60.7 0.3 0.5% 100.0% 54.3 54.2 -0.1 -0.2%																				
	100.0%	50.5	50.5	0.0	0.0%	100.0%	54.1	54.1	0.0	0.0%	100.0%	60.4	60.7	0.3	0.5%	100.0%	54.3	54.2	-0.1	-0.2%

Table SQ-36-9a
Clear Creek below Whiskeytown, Monthly Temperature
Long-term Average and Average by Water Year Type

						thly Temp	erature (DE	G-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Mav	Jun	Jul	Aua	Sep
				Lor	ig-term							
Full Simulation Period ¹												
No Action Alternative	51.2	48.0	43.2	41.8	43.2	45.9	48.7	51.7	52.8	52.3	52.3	52.1
Alternative D	51.2	48.0	43.2	41.8	43.2	45.8	48.7	51.7	52.8	52.2	52.1	51.9
Difference	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.2	-0.2
Percent Difference ³	0.0%	0.0%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.1%	-0.1%	-0.3%	-0.4%	-0.39
				Water Y	ear Types	2						
Wet (32%)												
No Action Alternative	49.2	46.9	42.7	41.6	43.3	45.5	47.8	51.1	52.4	52.1	52.1	50.7
Alternative D	49.2	47.0	42.6	41.5	43.3	45.5	47.7	51.1	52.4	51.9	51.8	50.5
Difference	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.3	-0.1
Percent Difference	0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.1%	0.0%	-0.4%	-0.5%	-0.29
Above Normal (15%)												
No Action Alternative	50.8	47.7	43.3	42.0	43.3	45.9	48.2	52.3	53.8	52.6	52.4	51.4
Alternative D	50.5	47.6	43.3	41.9	43.3	45.8	48.4	52.4	53.8	52.4	51.6	51.0
Difference	-0.3	-0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.0	-0.2	-0.8	-0.5
Percent Difference	-0.6%	-0.2%	-0.1%	-0.1%	0.0%	0.0%	0.4%	0.1%	0.0%	-0.4%	-1.4%	-0.99
Below Normal (17%)												
No Action Alternative	51.7	48.1	43.3	41.6	42.6	45.6	48.8	52.3	52.7	52.5	52.5	52.4
Alternative D	51.7	48.2	43.3	41.6	42.6	45.5	48.9	52.3	52.7	52.3	52.4	52.4
Difference	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	-0.2	0.0	0.0
Percent Difference	0.1%	0.3%	0.1%	0.1%	0.0%	0.0%	0.2%	0.1%	0.0%	-0.3%	-0.1%	0.0%
Dry (22%)												
No Action Alternative	51.3	48.7	43.6	41.9	43.1	46.0	49.9	51.8	52.8	52.0	51.7	52.0
Alternative D	51.5	48.8	43.6	41.9	43.2	45.9	49.7	51.9	52.6	51.9	51.8	52.1
Difference	0.1	0.1	-0.1	0.1	0.1	0.0	-0.2	0.1	-0.2	-0.2	0.1	0.1
Percent Difference	0.2%	0.2%	-0.1%	0.2%	0.2%	-0.1%	-0.4%	0.1%	-0.4%	-0.3%	0.2%	0.2%
Critical (15%)	,			,	,		,		,		,	
No Action Alternative	55.0	49.6	43.8	42.1	43.7	46.7	49.3	51.3	53.0	52.8	53.6	55.8
Alternative D	54.9	49.2	43.7	42.2	43.8	46.7	49.4	51.4	52.9	52.8	53.5	55.2
Difference	0.0	-0.4	-0.1	0.1	0.1	0.0	0.1	0.1	-0.1	0.0	-0.1	-0.7
Percent Difference	-0.1%	-0.8%	-0.2%	0.1%	0.1%	0.0%	0.2%	0.1%	-0.2%	0.0%	-0.2%	-1.29

1 Based on the 82-year simulation period

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



Figure SQ-36-9b
Clear Creek below Whiskeytown, Monthly Temperature

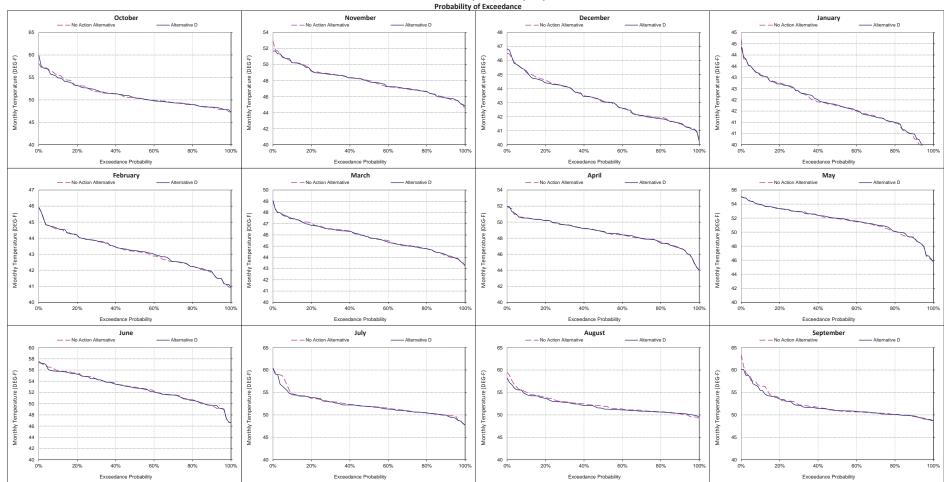


Table SQ-36-9b Clear Creek below Whiskeytown, Monthly Temperature Probability of Exceedance

Decembe

Novembe

Octobe

January Percent Percent Percent Percent No Action Alternative Alternative D Absolute Relative Relative Relative Relative Exceedance Exceedance Difference Difference Difference Difference Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Monthly Temperature Difference (%) Monthly Temperature Difference (%) Monthly Temperature Difference (%) Difference (%) Probability Probability Probability Probability (DEG₂E) (DEG_{*}E) (DEG.E) (DEG.E) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) 0.0% 0.0% 60.0 3.2% 0.0% 52.9 -2.3% 0.0% 46.5 46.8 0.7% 44.4 1.2% 57.2 57.6 0.3 0.6% 1.2% 51.8 51.7 -0.1 -0.3% 1.2% 46.5 46.7 0.3 0.6% 1.2% 43.8 43.9 0.1 0.2% 2.5% 57.2 57.1 -0.2% 2.5% 51.7 51.3 -0.7% 2.5% 46.2 0.1% 2.5% 43.8 43.8 0.0% 3.7% 3.7% 57.1 57.0 -0.1 -0.2% 3.7% 51.4 513 0.0 -0.1% 3.7% 45.9 45.8 -0.1 -0.2% 43.5 43.5 0.0 0.0% 4.9% 56.9 56.8 -0.2% 4.9% 50.9 51.0 0.2% 4.9% 45.8 45.7 -0.1 -0.1% 4.9% 43.5 43.5 0.0 0.0% 6.2% 6.2% 6.2% 6.2% 56.4 55.7 -0.7 -1.2% 50.8 50.8 0.0 0.0% 45.6 45.6 0.0 0.0% 43.4 43.4 0.0 0.0% 7.4% 56.2 55.8 -1.2% -0.6% 7.4% 0.1% 7.4% 45.5 0.0 0.0% 7.4% 43.3 43.2 0.0 0.1 8.6% 8.6% 8.6% 8.6 · . 9.9% 11.1% 12.3% 8.6% 55.4 -0.4 50.5 50.7 0.4% 45.4 45.4 0.0 0.1% 43.2 43.2 0.0% 9.9% -0.2% 43.1 11.1% 12.3% 55.5 54.8 -0.6 -1.1% 11.1% 50.3 50.2 0.0 -0.1% 11.1% 45.1 45.0 0.0 -0.1% 43.0 43.1 0.0 0.1% 13.6% 13.6% 13.6% 0.1% 0.0% 54.5 54.1 -0 4 -0.8% 50.1 50.2 0.1 45.0 447 -0 2 -0.5% 43.0 43.0 0.0 -0.6% 16.0% 16.0% 16.0% 16.0% 54.4 53.9 -0.4 -0.8% 50.0 49.9 -0.1 -0.2% 44.8 44.7 -0.1 -0.3% 42.8 42.8 0.0 -0.1% 18.5% 18.5% -0.1% 18.5% 18.5% -0.1 -0.1 -0.2% 53.3 53.4 0.1 0.2% 49.7 49.6 0.0 44.7 44.5 -0.1 -0.3% 42.8 42.7 19.8% 21.0% 53.2 53.2 53.2 53.1 0.0 49.3 19.8% -0.1 -0.2 19.8% 21.0% 42.8 42.7 42.7 42.7 21.0% 44.5 -0.2% -0.2% 49.1 49.0 -0.1 44.4 -0.4% 0.0 0.0% 22.2% 23.5% 52.8 52.7 -0.6% -0.7% 22.2% 23.5% 49 N -0.3% 22.2% 23.5% -0.2% 22.2% 23.5% 42.6 42.6 -0.1 0.0 -0.1 0.0 53.1 -0.4 44.4 44.3 42.7 -0.1% 49.1 49.0 -0.1 -0.2% -0.1% 24.7% 25.9% -0.6% 0.0% 24.7% 25.9% 24.7% 25.9% 24.7% 25.9% 42.6 42.6 53.0 48.0 -0.1% 44.3 -0.1% 0.0 -0.1 0.0% 52.5 0.0 48.9 0.0 44.3 44.3 0.0 48.9 0.0% 0.0% 42.6 -0.1% 27.2% 28.4% 0.5% 27.2% 28.4% 27.2% 28.4% 52.2 52.5 27.2% 48 9 48.9 -0.1% 44 2 42.5 42.5 0.0 0.0% 51.8 0.6 28.4% 48.9 48.8 -0.1 -0.2% 44.2 44.2 0.0 0.1% 42.4 42.4 0.0 0.0% 29.6% 30.9% 0.8% 29.6% 30.9% -0.1% -0.1% 29.6% 30.9% 29.6% 30.9% 51.8 51.8 0.4 48.8 48.8 48.8 44.2 -0.1% -0.1% 42.4 42.3 0.0 0.0% 48.8 42.3 44.2 32.1% 51.8 0.0 0.0% 32.1% 48.7 48.7 0.0% 32.1% 44.1 44.1 0.0 0.0% 32.1% 42.3 42.3 0.0 0.0% 33.3% 51.5 0.2 0.4% 33.3% -0.1% 33.3% 44.0 0.0 0.0% 33.3% 42.2 42.3 0.1 0.1% 34.6% 51.5 0.1 0.2% 34.6% 48.7 48.6 0.0 -0.1% 34.6% 43.8 43.8 0.0 0.0% 34.6% 42.2 42.2 0.0 0.1% 35.8% 0.0% 35.8% 35.8% -0.1 -0.1% 35.8% 48.6 0.0% 43.8 42.1 42.2 0.4% 37.0% 0.0 0.0% 37.0% 48.6 48.6 0.0% 37.0% 43.7 43.7 0.0 0.0% 37.0% 42.0 42.2 0.2 0.4% 38.3% 51.4 51.4 0.0% 38.3% 48.5 38.3% 43.7 0.1% 38.3% 42.1 0.1 43.6 39.5% 51.4 51.4 0.0 0.0% 39.5% 48.4 48.3 -0.1% 39.5% 43.6 43.5 -0.1 -0.3% 39.5% 41.9 42.0 0.1 0.3% 40.7% 51.3 51.4 0.1 0.2% 40.7% 48.4 48.3 0.0 0.0% 40.7% 43.5 43.4 0.0 -0.1% 40.7% 41.9 42.0 0.1 0.1% 42.0% 51.2 51.2 0.0% 42.0% 48.4 48.3 -0.1% 42.0% 43.4 43.4 0.0 0.0% 42.0% 41.9 41.9 0.0 0.0% 43.2% 51.0 51.2 0.1 0.3% 43.2% 48.3 48.3 0.0 0.0% 43.2% 43.4 43.4 0.0 0.0% 43.2% 41.9 41 9 0.0 0.0% 44.4% 50.6 0.3 0.6% 44.4% 48.2 48.2 0.0% 44.4% 43.4 43.4 0.0 0.0% 44.4% 41.8 41.9 0.0 0.1% 45.7% 45.7% 45.7% 50.6 50.9 0.4 0.7% 48.2 48.2 0.0 0.0% 43.3 43.3 0.0 0.0% 45.7% 41.8 41.8 0.0 0.0% 0.0 46.9% 50.6 50.9 0.4 0.7% 46.9% 48.2 48.1 -0.1% 46.9% 43.3 43.3 0.1% 46.9% 41.8 41.8 0.0% 48.1% 49.4% 50.5 50.7 0.1 0.3% 48.1% 48.1 48 1 -0.1 -0.1% 48.1% 43.3 43.2 -0.1 -0.1% 48.1% 41.8 41.8 0.0 0.1% 0.1 0.2% 49.4% 48.0 47.9 -0.3% 49.4% 43.2 43.1 -0.1-0.2%49.4% 41.8 0.0 50.6% 50.6% 50.6% 50.6% 50.4 50.4 0.0 -0.1% 48.0 47.8 -0.2 -0.3% 43.1 43.0 0.0 -0.1% 41.7 41.8 0.0 0.1% 51.9% 50.4 0.0% 51.9% 47.8 -0.2% 43.1 43.0 0.0 0.0% 51.9% 53.1% 41.7 0.0 0.0% 53.1% 53.1% 53.1% 50.4 0.0 50.3 -0.1 47.8 47.8 0.0 0.0% 43.0 43.0 0.0 417 417 0.0% 55.6% 56.8% 55.6% 55.6% 55.6% -0.1% 50.1 50.1 0.0 0.0% 47.6 47.7 0.1 0.3% 42.9 43.0 0.1 0.3% 41.6 41.6 0.0 58.0% 58.0% 0.5% 58.0% 50.0 49.9 0.0 -0.1% 47.3 47.6 0.2 42.7 42.7 0.0 0.0% 58.0% 41.5 41.6 0.1 0.1% 60.5% 60.5% 60.5% 49.9 49.7 -0.2 -0.4% 47.2 47.3 0.1 0.1% 42.6 42.6 0.0 0.0% 60.5% 41.5 41.5 0.0 0.1% -0.4% 61.7% 47.2 42.5 41.5 63.0% 63.0% 63.0% 0.1% 63.0% 49.9 49.7 -0.2 -0.4% 47.2 47.2 0.0 42.5 42.5 0.0 0.0% 41.4 41.4 0.0 0.0% 64.2% 65.4% 49.7 49.7 49.6 49.6 -0.2% -0.3% 64.2% 65.4% 47.2 47.2 64.2% 65.4% 42.5 42.2 64.2% 65.4% 41.3 0.0 -0.1 47.1 0.1 0.2% 42.2 0.0 41.4 -0.1% 0.0% 66.7% 67.9% 49.6 49.6 -0.1% -0.2% 66.7% 67.9% 66.7% 67.9% 66.7% 67.9% 47 1 0.1% 42.2 -0.1 0.0 -0.1% 413 0.0 0.0% 47.1 47.0 42.1 -0.1 42.1 41.3 49.5 0.0 0.0% 0.0% 41.3 -0.1% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 69.1% 70.4% 49.4 10.1 0.0% 47.0 0.0% 41.3 49.4 0.0 -0.1% 47.0 42.1 0.0 49.3 0.1 0.2% 42.1 0.0 -0.1% 41.2 41.2 0.0% 46.9 71.6% 49.3 493 0.0 0.0% 71.6% 46.9 47.0 0.2% 71.6% 42.1 42 0 0.0% 71.6% 41.2 41 2 0.0 0.0% 72.8% 49.3 49.3 0.0 72.8% 46.9 46.9 0.0 0.0% 72.8% 42.0 42.0 -0.1 72.8% 41.2 41.2 0.0 0.0% 0.3% 74.1% 75.3% 74.1% 75.3% 74.1% 46.8 0.0 74.1% -0.1 -0.1 -0.1% -0.2% 0.0 0.0% 75.3% 0.1% 75.3% 42.0 41.1 76.5% 49.0 49.1 0.1 0.2% 76.5% 46.8 46.7 -0.1% 76.5% 42.0 41.9 -0.1 -0.2% 76.5% 41.0 0.0 0.0% 77.8% 0.2% 77.8% 77.8% -0.1 -0.2% 77.8% 0.0 49.0 0.0 0.0% 42.0 0.0% 79.0% 48.9 49.0 0.1 0.2% 79.0% 46.7 46.6 -0.1 -0.1% 79.0% 42.0 41.9 -0.1 -0.2% 79.0% 41.0 41.0 0.0 0.1% 80.2% 0.0% 80.2% 46.6 46.6 80.2% 41.8 -0.1 80.2% 41.0 0.0 -0.1% 48.9 0.0% 42.0 -0.3% 41.0 81.5% 48.8 48.9 0.1 0.2% 81.5% 46.4 46.4 0.0% 81.5% 41.9 41.8 -0.1-0.2%81.5% 41.0 41.0 0.0 0.0% 82.7% 82.7% 48.7 48.7 -0.1% 82.7% 46.3 46.4 0.0% 41.8 41.8 -0.1 -0.1% 82.7% 40.9 0.1 0.3% 84.0% 48.7 48.5 -0.1 -0.3% 84.0% 46.3 46.3 0.0 0.0% 84.0% 41.8 41.7 -0.1 -0.2% 84.0% 40.7 40.7 0.0 0.0% 85.2% 48.5 48.5 0.0 0.0% 85.2% 46.3 46.1 -0.3 -0.5% 85.2% 41.7 41.7 0.0 0.0% 85.2% 40.6 40.7 0.1 0.2% 86.4% 48.4 48.5 0.3% 86.4% 46.0 -0.3% 86.4% 41.6 41.6 0.0% 86.4% 40.6 40.6 0.0 0.0% 87.7% 48.4 48.5 0.1 0.2% 87.7% 46.0 46.0 -0.1 -0.2% 87.7% 41.6 41.6 0.0 -0.1% 87.7% 40.5 40.5 0.0 0.0% 88.9% 48.4 48.4 0.0 0.0% 88.9% 46.0 45.9 -0.1 -0.2% 88.9% 41.5 41.6 0.0 0.1% 88.9% 40.5 40.5 0.0 0.0% 90.1% 48.3 48.4 0.0 0.0% 90.1% 45.8 45.9 0.0 0.1% 90.1% 41.5 41.5 0.0 0.1% 90.1% 40.3 40.5 0.2 0.6% 91.4% 48.2 48.4 0.2 0.4% 91.4% 45.8 91.4% 41.4 41.5 91.4% 40.2 40.3 0.0 91.4% 92.6% 92.6% 48 1 48 3 0.5% 45.6 45.8 0.2 0.3% 41 3 413 0.0 0.0% 92.6% 40.0 40.2 0.5% 93.8% 47.9 45.8 0.4% 41.3 93.8% 48.2 0.3 0.7% 93.8% 45.6 0.2 93.8% 41.2 0.0 -0.1% 39.9 40.0 0.1 0.2% 95.1% 95.1% 95.1% 95.1% 47.9 48.1 0.2 0.5% 45.6 45.6 0.0 0.0% 41.2 41.2 0.0 -0.1% 39.9 39.9 0.0 0.0% 96.3% 47.8 0.0% 96.3% 45.5 45.5 0.0% 96.3% 97.5% 41.2 -0.1 -0.2% 96.3% 97.5% 39.8 39.8 0.0 -0.1 0.0% 97.5% 0.0 97.5% 0.0% -0.3% 47.8 47.8 0.0% 45.1 45.2 0.1 0.2% 41 1 41 1 39.7 39.6 0.9% 0.0% 0.0% 100.0% 100.0% 100.0% 100.0% 47.2 47.3 0.1% 44.4 44.8 0.4 1.0% 40.3 40.3 0.0% 39.3 39.2 -0.1 -0.2%

Table SQ-36-9b
Clear Creek below Whiskeytown, Monthly Temperature
Probability of Exceedance

April

May

March

February

Percent					Percent					Percent					Percent				
Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)				(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	45.9	45.9	0.0	-0.1%	0.0%	49.0	49.0	0.0	0.0%	0.0%	51.9	51.9	0.0	0.0%	0.0%	55.1	55.1	0.0	0.0%
1.2%	45.6	45.6	0.0	0.0%	1.2%	48.3	48.3	0.0	0.0%	1.2%	51.8	51.9	0.1	0.2%	1.2%	54.9	54.9	0.0	0.0%
2.5%	45.2	45.2	0.0	0.1%	2.5%	48.0	48.0	0.0	0.0%	2.5%	51.7	51.3	-0.4	-0.7%	2.5%	54.8	54.8	0.0	0.0%
3.7% 4.9%	44.8 44.8	44.8 44.8	0.0	0.0%	3.7% 4.9%	48.0 47.8	48.0 47.8	0.0 -0.1	0.1%	3.7% 4.9%	51.0 50.9	51.2 51.0	0.2	0.4%	3.7% 4.9%	54.6 54.4	54.5 54.4	0.0	-0.1%
	44.8 44.7			0.0%															
6.2% 7.4%	44.7	44.7 44.7	0.0	0.0%	6.2% 7.4%	47.8 47.7	47.7 47.7	-0.1 0.0	-0.2%	6.2% 7.4%	50.6 50.6	50.6 50.5	0.0 -0.1	-0.2%	6.2% 7.4%	54.4 54.1	54.4 54.1	0.0	0.0%
8.6%	44.6	44.7	0.1	0.1%	8.6%	47.7	47.7	-0.1	-0.3%	8.6%	50.6	50.5	-0.1	-0.2%	8.6%	54.0	54.0	0.0	0.1%
9.9%	44.6	44.6	0.0	0.1%	9.9%	47.5	47.5	0.0	0.0%	9.9%	50.5	50.5	0.0	-0.1%	9.9%	54.0	53.9	-0.1	-0.1%
11.1%	44.5	44.6	0.0	0.0%	11.1%	47.4	47.4	0.0	0.1%	11.1%	50.5	50.5	0.0	0.0%	11.1%	54.0	53.9	-0.1	-0.2%
12.3%	44.5	44.5	0.0	0.0%	12.3%	47.4	47.4	0.0	0.0%	12.3%	50.4	50.4	0.0	0.0%	12.3%	53.7	53.7	0.0	0.0%
13.6%	44.4	44.5	0.2	0.4%	13.6%	47.3	47.3	0.0	0.0%	13.6%	50.4	50.4	0.0	-0.1%	13.6%	53.7	53.7	0.0	0.0%
14.8%	44.3	44.3	0.0	0.0%	14.8%	47.2	47.2	0.0	-0.1%	14.8%	50.4	50.4	0.0	0.0%	14.8%	53.6	53.7	0.1	0.1%
16.0%	44.3	44.3	0.0	0.1%	16.0%	47.2	47.1	-0.1	-0.1%	16.0%	50.4	50.3	0.0	0.0%	16.0%	53.6	53.6	0.0	0.0%
17.3%	44.3	44.3	0.0	0.0%	17.3%	47.2	47.0	-0.2	-0.3%	17.3%	50.3	50.3	0.0	0.0%	17.3%	53.5	53.5	0.0	0.0%
18.5%	44.2	44.2	0.0	0.1%	18.5%	47.1	46.9	-0.2	-0.4%	18.5%	50.2	50.2	0.0	0.0%	18.5%	53.5	53.4	-0.1	-0.2%
19.8%	44.2	44.2	0.0	0.0%	19.8%	47.1	46.9	-0.3	-0.5%	19.8%	50.2	50.2	0.0	0.0%	19.8%	53.4	53.4	0.0	-0.1%
21.0% 22.2%	44.0 44.0	44.0 44.0	0.0	0.0%	21.0% 22.2%	46.9 46.8	46.8 46.8	-0.1 0.0	-0.2%	21.0% 22.2%	50.2 50.2	50.2 50.2	0.0	0.0%	21.0% 22.2%	53.3 53.3	53.3 53.3	0.0	0.0%
23.5%	44.0 44.0	44.0 44.0	0.0	0.0%	23.5%	46.8 46.8	46.8 46.8	0.0	0.0%	23.5%	49.9	50.2 50.0	0.0	0.0%	23.5%	53.2	53.3	0.0	0.0%
24.7%	43.9	43.9	0.0	0.0%	24.7%	46.8	46.7	-0.1	-0.2%	24.7%	49.9	49.9	0.0	0.1%	24.7%	53.2	53.2	0.0	0.2%
25.9%	43.9	43.9	0.0	0.0%	25.9%	46.7	46.7	0.0	-0.1%	25.9%	49.9	49.9	0.0	0.1%	25.9%	53.2	53.2	0.0	0.0%
27.2%	43.9	43.9	0.0	0.0%	27.2%	46.5	46.6	0.0	0.1%	27.2%	49.7	49.8	0.0	0.1%	27.2%	53.0	53.0	0.0	0.0%
28.4%	43.9	43.9	0.0	0.0%	28.4%	46.5	46.5	0.0	0.1%	28.4%	49.7	49.7	0.0	0.0%	28.4%	53.0	53.0	0.0	0.0%
29.6%	43.8	43.9	0.0	0.1%	29.6%	46.5	46.5	0.0	0.1%	29.6%	49.7	49.7	0.0	0.0%	29.6%	53.0	52.9	0.0	-0.1%
30.9%	43.8	43.8	0.0	0.0%	30.9%	46.5	46.5	0.0	0.0%	30.9%	49.7	49.7	0.0	0.0%	30.9%	52.9	52.9	0.0	-0.1%
32.1%	43.8	43.8	0.0	0.1%	32.1%	46.5	46.5	0.0	-0.1%	32.1%	49.7	49.6	0.0	0.0%	32.1%	52.9	52.9	-0.1	-0.1%
33.3%	43.7	43.8	0.1	0.1%	33.3%	46.5	46.4	-0.1	-0.2%	33.3%	49.6	49.6	0.0	-0.1%	33.3%	52.9	52.6	-0.3	-0.5%
34.6%	43.7	43.7	0.0	0.0%	34.6%	46.5	46.4	-0.1	-0.1%	34.6%	49.4	49.4	0.0	0.0%	34.6%	52.6	52.6	0.0	0.0%
35.8%	43.7	43.7	0.0	0.0%	35.8%	46.4	46.4	-0.1	-0.2%	35.8%	49.4	49.4	0.1	0.1%	35.8%	52.6	52.6	0.0	0.0%
37.0%	43.5	43.6	0.0	0.1%	37.0%	46.4	46.4	-0.1	-0.1%	37.0%	49.3	49.4	0.0	0.0%	37.0%	52.6	52.6	0.0	-0.1%
38.3%	43.5	43.5	0.0	0.0%	38.3%	46.4	46.4	0.0	-0.1%	38.3%	49.3	49.3	0.0	-0.1%	38.3%	52.6	52.5	0.0	-0.1%
39.5%	43.5	43.5	0.0	0.0%	39.5%	46.4	46.3	0.0	-0.1%	39.5%	49.2	49.2	0.0	0.0%	39.5%	52.4 52.3	52.4	0.0	0.0%
40.7% 42.0%	43.4 43.4	43.4 43.4	0.0	0.0%	40.7% 42.0%	46.3 46.1	46.3 46.2	0.0	0.0%	40.7% 42.0%	49.2 49.2	49.2 49.2	0.0	0.1%	40.7% 42.0%	52.3	52.3 52.3	0.0	0.0%
43.2%	43.3	43.4	0.0	0.0%	43.2%	46.1	46.1	0.0	0.1%	43.2%	49.2	49.1	0.0	-0.1%	43.2%	52.3	52.3	0.2	0.4%
44.4%	43.3	43.3	0.0	0.1%	44.4%	46.0	46.1	0.1	0.1%	44.4%	49.1	49.1	0.0	-0.1%	44.4%	52.1	52.2	0.1	0.2%
45.7%	43.3	43.3	0.0	0.1%	45.7%	46.0	46.0	0.0	0.1%	45.7%	49.0	49.0	0.0	-0.1%	45.7%	52.1	52.1	0.1	0.1%
46.9%	43.2	43.3	0.1	0.1%	46.9%	46.0	46.0	0.0	0.0%	46.9%	48.9	49.0	0.1	0.1%	46.9%	52.0	52.1	0.1	0.1%
48.1%	43.2	43.2	0.0	0.1%	48.1%	45.9	45.9	0.0	0.0%	48.1%	48.9	48.9	0.0	0.1%	48.1%	52.0	52.0	0.0	0.1%
49.4%	43.2	43.2	0.1	0.2%	49.4%	45.8	45.9	0.0	0.0%	49.4%	48.8	48.9	0.0	0.1%	49.4%	51.9	52.0	0.1	0.1%
50.6%	43.2	43.2	0.1	0.1%	50.6%	45.7	45.7	0.0	-0.1%	50.6%	48.8	48.8	0.1	0.2%	50.6%	51.9	52.0	0.1	0.1%
51.9%	43.2	43.2	0.0	0.1%	51.9%	45.7	45.7	0.0	0.0%	51.9%	48.6	48.6	0.0	0.0%	51.9%	51.9	51.9	0.1	0.1%
53.1%	43.1	43.2	0.0	0.1%	53.1%	45.7	45.7	0.0	0.0%	53.1%	48.6	48.6	0.0	0.0%	53.1%	51.8	51.9	0.1	0.1%
54.3%	43.1	43.2	0.1	0.1%	54.3% 55.6%	45.7	45.6	-0.1	-0.1%	54.3% 55.6%	48.5	48.6	0.1	0.2%	54.3%	51.8 51.7	51.9	0.1	0.1%
55.6% 56.8%	43.1 43.1	43.1 43.1	0.1 0.0	0.1% 0.1%	55.6% 56.8%	45.6 45.6	45.6 45.6	0.0	0.0%	55.6% 56.8%	48.5 48.5	48.6 48.6	0.1	0.2%	55.6% 56.8%	51.7 51.6	51.8 51.6	0.1 0.0	0.2%
58.0%	42.9	43.1	0.0	0.3%	58.0%	45.5	45.5	-0.1	-0.2%	58.0%	48.4	48.6	0.1	0.3%	58.0%	51.5	51.6	0.0	0.1%
59.3%	42.9	43.0	0.1	0.3%	59.3%	45.5	45.4	-0.1	-0.2%	59.3%	48.4	48.4	0.0	0.3%	59.3%	51.5	51.6	0.1	0.1%
60.5%	42.9	43.0	0.1	0.2%	60.5%	45.5	45.3	-0.2	-0.3%	60.5%	48.4	48.4	0.0	0.0%	60.5%	51.5	51.5	0.1	0.1%
61.7%	42.8	42.9	0.1	0.2%	61.7%	45.3	45.3	0.0	0.0%	61.7%	48.3	48.4	0.1	0.2%	61.7%	51.5	51.5	0.0	0.1%
63.0%	42.8	42.9	0.1	0.1%	63.0%	45.2	45.3	0.0	0.0%	63.0%	48.3	48.4	0.1	0.2%	63.0%	51.4	51.4	0.0	0.0%
64.2%	42.7	42.8	0.1	0.3%	64.2%	45.2	45.2	0.0	0.0%	64.2%	48.2	48.4	0.2	0.4%	64.2%	51.3	51.3	0.1	0.1%
65.4%	42.7	42.8	0.2	0.4%	65.4%	45.2	45.2	0.0	0.0%	65.4%	48.1	48.3	0.1	0.3%	65.4%	51.2	51.3	0.1	0.1%
66.7%	42.6	42.8	0.2	0.4%	66.7%	45.2	45.1	-0.1	-0.2%	66.7%	48.1	48.2	0.1	0.2%	66.7%	51.2	51.2	0.0	0.0%
67.9%	42.6	42.7	0.1	0.3%	67.9%	45.1	45.1	0.0	-0.1%	67.9%	48.1	48.1	0.1	0.1%	67.9%	51.1	51.2	0.1	0.2%
69.1% 70.4%	42.6 42.5	42.5 42.5	0.0	0.0%	69.1% 70.4%	45.1 45.1	45.0 45.0	0.0	0.0% -0.1%	69.1% 70.4%	48.0 48.0	48.0 47.9	0.0 -0.1	-0.1% -0.1%	69.1% 70.4%	51.0 50.9	51.1 51.0	0.1	0.2%
71.6%	42.5 42.5	42.5	0.0	0.0%	70.4%	45.1	45.0	-0.1	-0.1%	70.4%	46.0	47.9	0.0	-0.1%	70.4%	50.9	50.9	0.1	0.2%
72.8%	42.5 42.5	42.5	0.0	0.0%	72.8%	45.0	45.0	0.0	0.0%	71.6%	47.9	47.9	0.0	0.0%	71.6%	50.8	50.9	0.1	0.2%
74.1%	42.5	42.5	0.0	0.1%	74.1%	45.0	44.9	-0.1	-0.1%	74.1%	47.9	47.9	0.0	0.0%	74.1%	50.8	50.9	0.1	0.2%
75.3%	42.4	42.5	0.0	0.0%	75.3%	45.0	44.9	-0.1	-0.1%	75.3%	47.9	47.8	0.0	-0.1%	75.3%	50.5	50.8	0.3	0.5%
76.5%	42.4	42.4	0.0	0.0%	76.5%	44.8	44.9	0.1	0.1%	76.5%	47.9	47.8	0.0	-0.1%	76.5%	50.4	50.7	0.3	0.5%
77.8%	42.3	42.3	0.0	0.0%	77.8%	44.8	44.8	0.0	0.0%	77.8%	47.7	47.7	0.0	0.0%	77.8%	50.2	50.4	0.2	0.4%
79.0%	42.2	42.2	0.0	0.0%	79.0%	44.8	44.8	0.0	0.0%	79.0%	47.6	47.5	-0.1	-0.2%	79.0%	50.2	50.2	0.0	0.0%
80.2%	42.2	42.2	0.0	0.0%	80.2%	44.8	44.8	0.0	0.0%	80.2%	47.5	47.3	-0.2	-0.4%	80.2%	50.1	50.1	0.0	0.0%
81.5%	42.2	42.2	0.0	0.0%	81.5%	44.7	44.7	0.0	0.0%	81.5%	47.4	47.3	-0.1	-0.2%	81.5%	50.0	50.0	0.0	0.1%
82.7%	42.1	42.1	0.0	0.0%	82.7%	44.7	44.7	0.0	0.0%	82.7%	47.4 47.3	47.3	0.0	-0.1%	82.7%	49.8 49.6	50.0	0.2	0.4%
84.0% 85.2%	42.1 42.0	42.1 42.1	0.0	0.1%	84.0% 85.2%	44.5 44.5	44.5 44.5	0.0	0.0%	84.0% 85.2%	47.3 47.1	47.3 47.1	-0.1 0.0	-0.1% 0.0%	84.0% 85.2%	49.6 49.4	49.9 49.9	0.4	0.7%
85.2% 86.4%	42.0 42.0	42.1 42.0	0.1	0.2%	85.2% 86.4%	44.5 44.4	44.5 44.4	0.0	0.0%	85.2% 86.4%	47.1 47.0	47.1	0.0	0.0%	85.2% 86.4%	49.4 49.4	49.9 49.4	0.4	0.9%
85.4%	42.0 42.0	42.0 42.0	0.0	0.1%	85.4%	44.4 44.4	44.4 44.4	0.0	0.0%	85.4% 87.7%	47.0 46.9	47.0 47.0	0.1	0.1%	86.4% 87.7%	49.4	49.4	0.0	0.0%
88.9%	41.9	42.0	0.0	0.0%	88.9%	44.2	44.3	0.0	0.0%	88.9%	46.8	46.9	0.1	0.2%	88.9%	49.3	49.3	0.0	0.0%
90.1%	41.9	41.9	0.0	0.0%	90.1%	44.2	44.2	0.0	0.1%	90.1%	46.7	46.7	0.0	0.0%	90.1%	49.3	49.1	-0.2	-0.5%
91.4%	41.7	41.7	0.0	0.0%	91.4%	44.1	44.1	0.1	0.1%	91.4%	46.6	46.7	0.0	0.0%	91.4%	48.7	48.7	0.0	0.0%
92.6%	41.5	41.5	0.0	0.0%	92.6%	44.0	44.1	0.1	0.3%	92.6%	46.4	46.4	0.0	0.0%	92.6%	48.5	48.5	0.0	0.1%
93.8%	41.5	41.5	0.0	0.0%	93.8%	44.0	44.0	0.0	0.0%	93.8%	46.1	46.0	-0.1	-0.1%	93.8%	48.3	48.3	0.0	0.0%
95.1%	41.5	41.5	0.0	0.0%	95.1%	43.9	43.9	0.0	0.1%	95.1%	45.9	45.9	0.0	0.0%	95.1%	47.9	48.0	0.1	0.2%
96.3%	41.2	41.2	0.0	0.0%	96.3%	43.9	43.9	0.0	0.1%	96.3%	45.5	45.5	0.0	0.0%	96.3%	46.6	46.7	0.1	0.2%
97.5%	41.1	41.1	0.0	0.0%	97.5%	43.7	43.7	0.0	0.0%	97.5%	44.8	44.9	0.1	0.3%	97.5%	46.3	46.6	0.3	0.6%
98.8%	40.9	41.1	0.2	0.4%	98.8%	43.5	43.5	0.0	-0.1%	98.8%	44.3	44.3	0.0	0.0%	98.8%	46.1	46.2	0.1	0.2%
100.0%	40.9	40.9	0.0	0.0%	100.0%	43.2	43.3	0.0	0.1%	100.0%	43.9	44.1	0.1	0.3%	100.0%	45.7	45.8	0.1	0.2%

Table SQ-36-9b
Clear Creek below Whiskeytown, Monthly Temperature
Probability of Exceedance

August

September

Percent	No Action Alternative	Alternative D	Ab1-4-	_	Percent	No Astro-Altro-Mire	Alta-mation D	Abastata		Percent	No Antino Alternative	Alta-matica D	Abaalata		Percent	No Action Alternation	Alternative D	Abarbas	
Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative
Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	57.3	57.5	0.2	0.4%	0.0%	60.4	60.4	0.0	0.0%	0.0%	59.5	58.2	-1.3	-2.1%	0.0%	63.4	60.1	-3.3	-5.2%
1.2%	57.2	57.2	0.0	0.0%	1.2%	59.4	59.1	-0.3	-0.4%	1.2%	58.9	57.2	-1.7	-2.8%	1.2%	60.8	60.1	-0.7	-1.2%
2.5%	56.9	57.2	0.3	0.4%	2.5%	59.0	58.9	-0.1	-0.1%	2.5%	57.6	56.7	-0.9	-1.6%	2.5%	59.3	58.8	-0.5	-0.9%
3.7%	56.8	57.0	0.1	0.2%	3.7%	58.9	56.8	-2.1	-3.5%	3.7%	56.8	56.0	-0.8	-1.5%	3.7%	58.9	58.8	-0.1	-0.2%
4.9%	56.5	56.1	-0.4	-0.8%	4.9%	58.7	56.4	-2.3	-3.9%	4.9%	56.3	55.6	-0.7	-1.2%	4.9%	57.7	58.4	0.7	1.2%
6.2%	56.5	55.9	-0.6	-1.0%	6.2%	57.7	55.9	-1.8	-3.1%	6.2%	55.7	55.6	-0.1	-0.2%	6.2%	57.6	56.9	-0.7	-1.1%
7.4%	56.4	55.9	-0.5	-1.0%	7.4%	56.5	55.4	-1.1	-2.0%	7.4%	55.7	55.5	-0.1	-0.2%	7.4%	57.4	56.7	-0.8	-1.4%
8.6%	56.1	55.8	-0.2	-0.4%	8.6%	55.4	54.7	-0.7	-1.2%	8.6%	55.3	54.9	-0.5	-0.9%	8.6%	56.7	56.4	-0.3	-0.5%
9.9%	55.9	55.8	-0.1	-0.2%	9.9%	54.5	54.7	0.2	0.4%	9.9%	55.1	54.6	-0.5	-0.8%	9.9%	56.6	55.4	-1.1	-2.0%
11.1% 12.3%	55.8 55.8	55.8 55.7	0.0	0.0%	11.1% 12.3%	54.4 54.4	54.6 54.4	0.2	0.3%	11.1% 12.3%	54.9 54.5	54.4 54.3	-0.6 -0.2	-1.0% -0.4%	11.1% 12.3%	56.4 56.3	55.4 54.6	-1.0 -1.7	-1.7% -3.0%
13.6%	55.7	55.7	-0.1	-0.1%	13.6%	54.3	54.2	-0.1	-0.3%	13.6%	54.5	54.2	-0.2	-0.4%	13.6%	55.5	54.3	-1.2	-2.1%
14.8%	55.7 55.7	55.6	-0.1	-0.2%	14.8%	54.3 54.3	54.2 54.2	-0.1	-0.2%	14.8% 16.0%	54.3	54.2 54.2	-0.1	-0.2%	14.8%	54.5	54.2 54.1	-0.3	-0.6%
16.0% 17.3%	55.7 55.5	55.5 55.4	-0.2 -0.1	-0.4% -0.2%	16.0% 17.3%	54.3 54.3	54.2	-0.1 -0.1	-0.2% -0.2%	16.0%	54.3 54.2	53.9	-0.1 -0.3	-0.2% -0.5%	16.0% 17.3%	54.2 54.2	54.1	-0.1 -0.2	-0.2% -0.4%
										18.5%								-0.2	
18.5% 19.8%	55.5 55.4	55.4 55.3	-0.1 -0.1	-0.2% -0.3%	18.5% 19.8%	54.0 53.7	54.0 53.9	0.1	0.1%	18.5%	54.1 53.9	53.8 53.7	-0.2 -0.2	-0.4% -0.4%	18.5% 19.8%	54.1 53.8	53.8 53.6	-0.3	-0.6% -0.4%
21.0%	55.4	55.2	-0.1	-0.4%	21.0%	53.7	53.9	0.2	0.3%	21.0%	53.8	53.5	-0.2	-0.4%	21.0%	53.2	53.5	0.3	0.6%
22.2%	55.0	54.9	0.0	0.0%	22.2%	53.6	53.8	0.2	0.3%	22.2%	53.6	53.2	-0.4	-0.4%	22.2%	53.2	53.4	0.3	0.5%
23.5%	55.0	54.9	-0.1	-0.2%	23.5%	53.5	53.7	0.2	0.3%	23.5%	53.6	53.2	-0.4	-1.1%	23.5%	53.2	53.4	0.0	-0.1%
24.7%	54.8	54.8	0.0	0.0%	24.7%	53.4	53.6	0.2	0.4%	24.7%	53.4	53.0	-0.4	-0.8%	24.7%	53.1	53.0	-0.1	-0.1%
25.9%	54.8	54.8	-0.1	-0.2%	25.9%	53.4	53.1	-0.1	-0.2%	25.9%	53.4	52.9	-0.4	-0.8%	25.9%	53.1	53.0	-0.1	-0.1%
27.2%	54.8	54.5	-0.1	-0.2%	27.2%	53.2	53.0	-0.1	-0.3%	25.9%	53.1	52.9	-0.2	-0.3%	25.9%	53.0	52.4	-0.1	-0.3%
28.4%	54.6	54.5	-0.4	-0.3%	28.4%	53.2	53.0	0.0	-0.1%	28.4%	53.0	52.9	-0.1	-0.2%	28.4%	52.8	52.4	-0.5	-1.3%
29.6%	54.5	54.4	0.0	0.0%	29.6%	52.9	52.9	0.0	-0.1%	29.6%	52.9	52.8	-0.1	-0.2%	29.6%	52.3	52.2	-0.2	-0.3%
30.9%	54.5 54.2	54.4	0.0	0.0%	30.9%	52.9	52.9	0.0	-0.1%	30.9%	52.9	52.8	-0.1	-0.3%	30.9%	52.3 52.2	52.1	-0.2	-0.2%
32.1%	54.1	54.3	0.0	0.1%	32.1%	52.9	52.7	-0.2	-0.1%	32.1%	52.7	52.7	0.0	-0.3%	32.1%	52.2	51.8	-0.1	-0.6%
33.3%	54.1	54.1	0.0	0.0%	33.3%	52.8	52.6	-0.2	-0.5%	33.3%	52.7	52.6	-0.1	-0.3%	33.3%	52.1	51.7	-0.4	-0.7%
34.6%	53.9	53.9	0.0	0.0%	34.6%	52.7	52.5	-0.2	-0.4%	34.6%	52.6	52.5	-0.1	-0.3%	34.6%	52.0	51.7	-0.3	-0.6%
35.8%	53.8	53.8	0.0	0.1%	35.8%	52.6	52.2	-0.4	-0.7%	35.8%	52.6	52.4	-0.2	-0.3%	35.8%	51.9	51.7	-0.2	-0.4%
37.0%	53.8	53.8	0.0	0.0%	37.0%	52.5	52.2	-0.3	-0.6%	37.0%	52.5	52.4	-0.1	-0.2%	37.0%	51.8	51.7	-0.2	-0.3%
38.3%	53.8	53.6	-0.2	-0.3%	38.3%	52.5	52.2	-0.3	-0.6%	38.3%	52.5	52.2	-0.3	-0.5%	38.3%	51.8	51.6	-0.2	-0.4%
39.5%	53.7	53.5	-0.2	-0.3%	39.5%	52.3	52.2	-0.1	-0.2%	39.5%	52.5	52.2	-0.3	-0.6%	39.5%	51.7	51.5	-0.2	-0.5%
40.7%	53.4	53.4	0.0	0.0%	40.7%	52.3	52.2	-0.1	-0.2%	40.7%	52.4	52.1	-0.2	-0.5%	40.7%	51.7	51.4	-0.2	-0.4%
42.0%	53.4	53.4	0.0	0.0%	42.0%	52.3	52.2	-0.1	-0.2%	42.0%	52.3	52.1	-0.2	-0.3%	42.0%	51.5	51.4	-0.1	-0.2%
43.2%	53.3	53.2	-0.1	-0.2%	43.2%	52.2	52.2	0.0	0.0%	43.2%	52.2	52.1	-0.2	-0.4%	43.2%	51.5	51.4	-0.1	-0.2%
44.4%	53.2	53.2	-0.1	-0.1%	44.4%	52.1	52.2	0.1	0.2%	44.4%	52.2	52.1	-0.1	-0.2%	44.4%	51.4	51.3	-0.1	-0.1%
45.7%	53.2	53.1	-0.1	-0.1%	45.7%	52.0	52.0	0.0	0.1%	45.7%	52.2	51.9	-0.3	-0.6%	45.7%	51.1	51.2	0.1	0.2%
46.9%	53.1	53.0	-0.1	-0.1%	46.9%	51.9	52.0	0.0	0.0%	46.9%	52.1	51.6	-0.5	-1.0%	46.9%	51.1	51.2	0.1	0.1%
48.1%	53.0	53.0	0.0	-0.1%	48.1%	51.9	51.9	0.0	0.0%	48.1%	52.0	51.5	-0.5	-1.0%	48.1%	51.0	51.1	0.1	0.2%
49.4%	53.0	52.8	-0.1	-0.3%	49.4%	51.9	51.9	0.0	0.0%	49.4%	51.9	51.5	-0.4	-0.8%	49.4%	51.0	51.0	0.0	0.0%
50.6%	52.9	52.8	-0.1	-0.3%	50.6%	51.9	51.8	0.0	-0.1%	50.6%	51.9	51.3	-0.6	-1.2%	50.6%	50.9	51.0	0.1	0.1%
51.9%	52.8	52.7	-0.1	-0.1%	51.9%	51.9	51.8	-0.1	-0.2%	51.9%	51.9	51.3	-0.6	-1.2%	51.9%	50.8	50.9	0.1	0.2%
53.1%	52.8	52.7	-0.1	-0.1%	53.1%	51.8	51.7	-0.1	-0.2%	53.1%	51.7	51.3	-0.4	-0.8%	53.1%	50.8	50.9	0.1	0.3%
54.3%	52.7	52.6	-0.1	-0.2%	54.3%	51.8	51.7	-0.1	-0.2%	54.3%	51.5	51.2	-0.2	-0.5%	54.3%	50.8	50.9	0.1	0.3%
55.6%	52.6	52.5	-0.1	-0.2%	55.6%	51.7	51.6	-0.1	-0.1%	55.6%	51.4	51.2	-0.2	-0.4%	55.6%	50.7	50.9	0.2	0.3%
56.8%	52.5	52.4	-0.1	-0.2%	56.8%	51.6	51.5	-0.2	-0.3%	56.8%	51.4	51.2	-0.2	-0.4%	56.8%	50.7	50.9	0.2	0.4%
58.0%	52.5	52.2	-0.4	-0.7%	58.0%	51.6	51.4	-0.2	-0.4%	58.0%	51.4	51.2	-0.2	-0.3%	58.0%	50.7	50.9	0.2	0.4%
59.3%	52.4	52.1	-0.3	-0.5%	59.3%	51.6	51.3	-0.2	-0.5%	59.3%	51.4	51.1	-0.2	-0.4%	59.3%	50.7	50.8	0.1	0.3%
60.5%	52.1	52.0	-0.1	-0.2%	60.5%	51.4	51.3	-0.1	-0.2%	60.5%	51.2	51.1	-0.1	-0.2%	60.5%	50.7	50.8	0.1	0.2%
61.7%	51.9	51.9	0.0	0.0%	61.7%	51.4	51.3	-0.1	-0.2%	61.7%	51.2	51.1	-0.2	-0.3%	61.7%	50.7	50.7	0.0	0.0%
63.0%	51.9	51.9	0.0	-0.1%	63.0%	51.3	51.2	-0.1	-0.2%	63.0%	51.1	51.0	-0.1	-0.2%	63.0%	50.6	50.7	0.0	0.1%
64.2%	51.7	51.7	0.0	0.0%	64.2%	51.2	51.0	-0.2	-0.4%	64.2%	51.1	50.9	-0.2	-0.3%	64.2%	50.6	50.7	0.1	0.2%
65.4%	51.7	51.6	-0.1	-0.2%	65.4%	51.2	51.0	-0.2	-0.4%	65.4%	51.1	50.9	-0.2	-0.3%	65.4%	50.5	50.7	0.1	0.2%
66.7%	51.6	51.6	-0.1	-0.1%	66.7%	51.1	51.0	-0.1	-0.3%	66.7%	51.1	50.9	-0.2	-0.3%	66.7%	50.5	50.6	0.1	0.3%
67.9%	51.6	51.6	0.0	-0.1%	67.9%	51.1	50.9	-0.1	-0.2%	67.9%	51.1	50.9	-0.1	-0.3%	67.9%	50.5	50.5	0.0	0.1%
69.1% 70.4%	51.6 51.6	51.5 51.5	0.0	-0.1% 0.0%	69.1% 70.4%	51.0 50.9	50.9 50.8	0.0 -0.2	-0.1% -0.3%	69.1% 70.4%	51.1 51.0	50.8 50.8	-0.2 -0.1	-0.4%	69.1% 70.4%	50.4 50.4	50.5 50.4	0.0	0.1%
														-0.3%					0.0%
71.6% 72.8%	51.5 51.5	51.5 51.3	-0.1 -0.2	-0.1% -0.3%	71.6% 72.8%	50.8 50.7	50.7 50.7	-0.1 0.0	-0.1% 0.0%	71.6% 72.8%	50.9 50.9	50.8 50.8	-0.1 -0.1	-0.2% -0.2%	71.6% 72.8%	50.4 50.4	50.4 50.2	0.0 -0.2	-0.1% -0.3%
72.8%	51.5 51.2	51.3 51.1	-0.2	-0.3%	72.8% 74.1%	50.7	50.7	0.0	0.0%	72.8% 74.1%	50.9 50.8	50.8	-0.1	-0.2%	72.8% 74.1%	50.4 50.4	50.2	-0.2	
74.1% 75.3%	50.9	51.1	-0.1	-0.2%	74.1% 75.3%	50.6	50.6	0.0	0.0%	74.1% 75.3%	50.8	50.8	0.0	-0.1%	74.1% 75.3%	50.4	50.2	-0.2	-0.4% -0.3%
75.3% 76.5%	50.9	50.9	-0.1	-0.2%	75.3% 76.5%	50.6 50.6	50.6 50.6	0.0	0.0%	75.3% 76.5%	50.8 50.8	50.8	-0.1	-0.1%	75.3% 76.5%	50.3	50.2	-0.2	-0.3%
77.8%	50.8	50.6	-0.1	-0.1%	77.8%	50.5	50.5	0.0	0.0%	70.5%	50.7	50.7	-0.1	-0.1%	77.8%	50.2	50.1	0.0	-0.4%
77.8%	50.8	50.7	-0.1	-0.2%	77.8%	50.5 50.5	50.5 50.5	0.0	0.0%	77.8%	50.7	50.6 50.6	-0.1	-0.2%	77.8%	50.2 50.1	50.1	-0.1	-0.1%
80.2%	50.7	50.6	-0.1	-0.3%	80.2%	50.5	50.4	-0.1	-0.1%	80.2%	50.7	50.6	-0.1	-0.2%	80.2%	50.1	50.1	-0.1	-0.1%
81.5%	50.7	50.6	-0.1	-0.3%	81.5%	50.5	50.4	0.1	0.1%	81.5%	50.7	50.6	0.0	-0.2%	81.5%	50.1	50.1	-0.1	-0.1%
82.7%	50.5	50.4	-0.1	-0.2%	82.7%	50.3	50.3	0.0	0.1%	82.7%	50.6	50.6	0.0	-0.1%	82.7%	50.0	50.0	-0.1	-0.1%
84.0%	50.5	50.4	0.1	0.2%	84.0%	50.3	50.3	-0.1	-0.1%	84.0%	50.5	50.5	0.0	0.1%	84.0%	50.0	49.9	-0.1	-0.1%
85.2%	49.9	50.1	0.1	0.3%	85.2%	50.2	50.2	0.0	-0.1%	85.2%	50.4	50.5	0.1	0.2%	85.2%	50.0	49.9	-0.1	-0.1%
86.4%	49.9	49.9	0.0	0.1%	86.4%	50.1	50.1	0.0	0.0%	86.4%	50.4	50.4	0.0	0.0%	86.4%	49.9	49.9	0.0	-0.1%
87.7%	49.8	49.8	0.0	0.0%	87.7%	49.9	50.1	0.0	0.2%	87.7%	50.4	50.4	0.0	0.0%	87.7%	49.9	49.8	-0.1	-0.1%
88.9%	49.7	49.8	0.0	0.0%	88.9%	49.9	50.0	0.0	0.1%	88.9%	50.3	50.4	0.0	0.0%	88.9%	49.7	49.8	0.1	0.1%
90.1%	49.6	49.7	0.0	0.0%	90.1%	49.9	50.0	0.0	0.1%	90.1%	50.2	50.4	0.0	0.0%	90.1%	49.6	49.8	0.1	0.3%
91.4%	49.4	49.7	0.3	0.6%	91.4%	49.8	49.6	-0.2	-0.5%	91.4%	50.1	50.3	0.1	0.4%	91.4%	49.5	49.6	0.1	0.2%
92.6%	49.2	49.7	0.5	1.0%	92.6%	49.8	49.5	-0.2	-0.7%	92.6%	50.1	50.2	0.2	0.3%	92.6%	49.5	49.3	-0.2	-0.3%
93.8%	49.1	49.2	0.1	0.1%	93.8%	49.8	49.4	-0.4	-0.7%	93.8%	50.0	50.2	0.2	0.4%	93.8%	49.3	49.3	0.0	0.0%
95.1%	49.1	49.1	0.0	0.0%	95.1%	49.7	49.3	-0.4	-0.9%	95.1%	49.7	50.2	0.4	0.4%	95.1%	49.3	49.1	-0.2	-0.4%
96.3%	48.9	49.1	0.1	0.2%	96.3%	48.8	48.7	0.0	0.0%	96.3%	49.5	50.0	0.5	1.0%	96.3%	49.1	49.0	0.0	-0.1%
97.5%	47.4	47.4	0.0	0.0%	97.5%	48.8	48.6	-0.1	-0.2%	97.5%	49.5	49.9	0.3	0.7%	97.5%	48.9	49.0	0.1	0.2%
98.8%	46.7	46.7	0.1	0.1%	98.8%	48.1	48.1	0.0	0.0%	98.8%	49.5	49.8	0.3	0.6%	98.8%	48.8	48.9	0.2	0.3%
100.0%	46.6	46.7	0.0	0.1%	100.0%	47.6	47.7	0.1	0.2%	100.0%	49.2	49.6	0.4	0.8%	100.0%	48.7	48.7	0.0	0.0%

Table SQ-37-9a Clear Creek at Igo, Monthly Temperature Long-term Average and Average by Water Year Type

					Mon	thly Temp	erature (DE	G-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	g-term							
Full Simulation Period ¹												
No Action Alternative	51.9	48.3	43.3	41.9	43.5	46.3	49.5	52.6	55.2	58.3	57.0	53.9
Alternative D	51.9	48.3	43.3	42.0	43.5	46.3	49.5	52.6	55.1	58.1	56.9	53.7
Difference	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1
Percent Difference ³	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	-0.1%	-0.2%	-0.2%	-0.29
				Water Y	ear Types	2						
Vet (32%)												
No Action Alternative	49.9	47.2	42.8	41.6	43.5	45.9	48.4	52.0	54.4	58.0	57.1	52.6
Alternative D	50.0	47.3	42.8	41.6	43.5	45.8	48.3	52.0	54.4	57.9	56.9	52.5
Difference	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.2	-0.1
Percent Difference	0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.1%	0.0%	-0.3%	-0.4%	-0.29
Above Normal (15%)												
No Action Alternative	51.3	47.9	43.5	42.3	43.6	46.2	49.0	53.2	56.3	60.1	57.4	53.3
Alternative D	51.1	47.8	43.4	42.2	43.6	46.2	49.2	53.3	56.2	59.9	56.8	53.0
Difference	-0.3	-0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.0	-0.2	-0.6	-0.3
Percent Difference	-0.5%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	0.4%	0.1%	-0.1%	-0.4%	-1.0%	-0.6%
Below Normal (17%)												
No Action Alternative	52.4	48.4	43.4	41.8	42.9	46.0	49.6	53.2	54.8	58.3	57.1	54.0
Alternative D	52.4	48.5	43.4	41.8	42.9	46.0	49.7	53.2	54.8	58.2	57.1	54.1
Difference	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	0.0	0.1
Percent Difference	0.0%	0.3%	0.1%	0.1%	0.0%	0.0%	0.2%	0.1%	0.0%	-0.2%	0.0%	0.1%
Dry (22%)												
No Action Alternative	52.0	49.0	43.7	42.0	43.4	46.5	50.7	52.7	55.1	57.7	56.2	53.6
Alternative D	52.1	49.1	43.7	42.1	43.5	46.5	50.5	52.7	54.9	57.5	56.3	53.8
Difference	0.1	0.1	0.0	0.1	0.1	-0.1	-0.2	0.1	-0.2	-0.2	0.1	0.1
Percent Difference	0.2%	0.2%	0.0%	0.1%	0.2%	-0.1%	-0.4%	0.1%	-0.4%	-0.3%	0.1%	0.2%
Critical (15%)												
No Action Alternative	56.2	49.7	43.9	42.3	44.2	47.3	50.4	52.5	56.2	57.8	57.6	57.2
Alternative D	56.0	49.5	43.9	42.4	44.3	47.3	50.5	52.5	56.1	57.8	57.8	56.6
Difference	-0.2	-0.3	-0.1	0.0	0.0	0.0	0.1	0.1	-0.1	0.0	0.1	-0.6
Percent Difference	-0.3%	-0.6%	-0.1%	0.1%	0.1%	0.0%	0.2%	0.1%	-0.2%	0.0%	0.2%	-1.09

1 Based on the 82-year simulation period

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



Figure SQ-37-9b Clear Creek at Igo, Monthly Temperature Probability of Exceedance

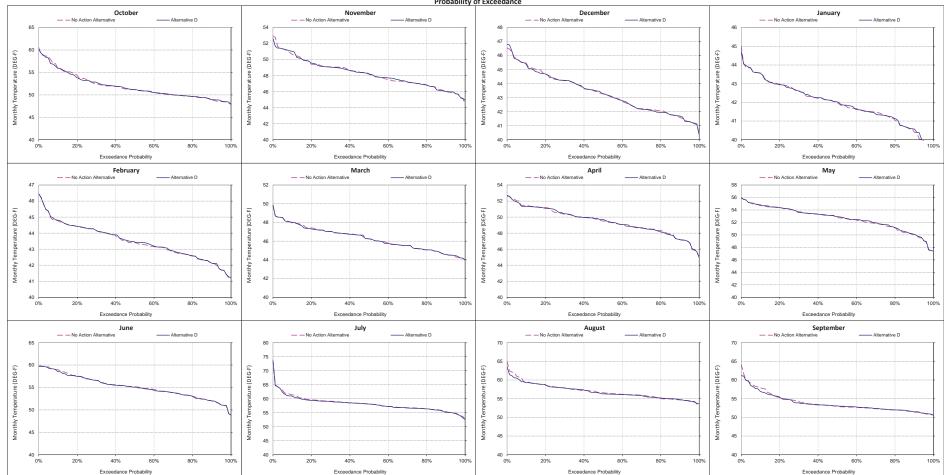


Table SQ-37-9b
Clear Creek at Igo, Monthly Temperature
Probability of Exceedance

December

January

November

October

Percent		October			Percent		November			Percent		December			Percent		January		
Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (70)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Dill'or orido (70)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (70)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (70)
0.0%	60.6	60.1	-0.4	-0.7%	0.0%	53.0	52.6	-0.3	-0.6%	0.0%	46.5	46.8	0.3	0.6%	0.0%	45.0	44.7	-0.3	-0.7%
1.2%	58.9	59.2	0.3	0.5%	1.2%	52.8	51.6	-1.1	-2.1%	1.2%	46.5	46.8	0.3	0.6%	1.2%	44.1	44.1	0.0	0.0%
		58.8		0.1%		51.6	51.4				46.3	46.3			2.5%	43.9	44.0		
2.5%	58.8		0.0		2.5%			-0.2	-0.4%	2.5%			0.1	0.1%				0.1	0.2%
3.7%	58.6	58.3	-0.3	-0.5%	3.7%	51.4	51.4	0.0	0.1%	3.7%	45.9	45.8	-0.1	-0.2%	3.7%	43.9	43.9	0.0	0.1%
4.9%	58.6	58.2	-0.4	-0.6%	4.9%	51.3	51.4	0.0	0.0%	4.9%	45.8	45.7	0.0	-0.1%	4.9%	43.8	43.8	0.0	0.0%
6.2%	57.9	57.0	-0.9	-1.6%	6.2%	51.3	51.3	0.0	-0.1%	6.2%	45.6	45.7	0.0	0.0%	6.2%	43.6	43.6	0.0	0.0%
7.4%	57.1	56.9	-0.2	-0.4%	7.4%	51.0	51.2	0.2	0.4%	7.4%	45.5	45.5	0.0	0.0%	7.4%	43.6	43.6	0.0	0.0%
8.6%	57.0	56.4	-0.5	-1.0%	8.6%	50.9	51.1	0.2	0.4%	8.6%	45.5	45.5	0.0	0.0%	8.6%	43.6	43.6	0.0	0.0%
9.9%	56.0	55.9	-0.1	-0.1%	9.9%	50.7	51.0	0.4	0.7%	9.9%	45.5	45.4	-0.1	-0.2%	9.9%	43.5	43.6	0.0	0.1%
11.1%	55.8	55.9	0.1	0.1%	11.1%	50.5	50.9	0.4	0.8%	11.1%	45.2	45.1	-0.1	-0.2%	11.1%	43.5	43.4	0.0	-0.1%
12.3%	55.4	55.6	0.2	0.3%	12.3%	50.5	50.3	-0.2	-0.3%	12.3%	45.2	45.1	-0.1	-0.2%	12.3%	43.3	43.2	0.0	-0.1%
13.6%	55.1	55.3	0.2	0.3%	13.6%	50.4	50.2	-0.2	-0.4%	13.6%	45.1	45.0	-0.1	-0.2%	13.6%	43.1	43.2	0.0	0.1%
14.8%	55.1	55.1	-0.1	-0.1%	14.8%	50.1	50.2	0.0	0.0%	14.8%	45.0	44.9	-0.1	-0.4%	14.8%	43.1	43.1	0.0	0.0%
																		0.0	
16.0%	55.1	54.7	-0.4	-0.8%	16.0%	50.0	49.9	-0.1	-0.2%	16.0%	45.0	44.8	-0.2	-0.4%	16.0%	43.1	43.1	0.0	0.0%
17.3%	55.0	54.6	-0.4	-0.7%	17.3%	49.9	49.9	0.0	0.1%	17.3%	45.0	44.7	-0.2	-0.5%	17.3%	43.0	43.0	-0.1	-0.1%
18.5%	54.6	54.4	-0.3	-0.5%	18.5%	49.8	49.8	0.0	0.0%	18.5%	44.8	44.7	0.0	-0.1%	18.5%	43.0	43.0	0.0	-0.1%
19.8%	54.5	53.9	-0.6	-1.1%	19.8%	49.4	49.6	0.2	0.3%	19.8%	44.7	44.7	0.0	0.0%	19.8%	43.0	42.9	0.0	-0.1%
21.0%	53.8	53.6	-0.2	-0.3%	21.0%	49.4	49.5	0.1	0.2%	21.0%	44.6	44.6	0.0	0.1%	21.0%	42.9	42.9	0.0	0.0%
22.2%	53.7	53.3	-0.4	-0.8%	22.2%	49.4	49.5	0.1	0.1%	22.2%	44.6	44.4	-0.1	-0.3%	22.2%	42.9	42.9	0.0	0.0%
23.5%	53.7	53.2	-0.4	-0.8%	23.5%	49.4	49.3	-0.1	-0.2%	23.5%	44.5	44.4	-0.1	-0.2%	23.5%	42.9	42.8	-0.1	-0.2%
24.7%	53.5	53.2	-0.3	-0.5%	24.7%	49.3	49.2	-0.1	-0.2%	24.7%	44.3	44.4	0.1	0.2%	24.7%	42.8	42.8	0.0	-0.1%
25.9%	53.1	53.2	0.1	0.3%	25.9%	49.2	49.2	0.0	-0.1%	25.9%	44.3	44.4	0.0	0.2%	25.9%	42.8	42.8	-0.1	-0.1%
						49.2	49.1				44.3	44.3				42.6 42.7			
27.2%	52.9	52.9	0.0	0.0%	27.2%			0.0	-0.1%	27.2%			0.0	0.0%	27.2%		42.7	0.0	0.0%
28.4%	52.6	52.9	0.3	0.5%	28.4%	49.1	49.1	0.0	0.0%	28.4%	44.3	44.2	0.0	0.0%	28.4%	42.7	42.6	0.0	-0.1%
29.6%	52.5	52.9	0.4	0.7%	29.6%	49.1	49.1	0.0	0.0%	29.6%	44.2	44.2	0.0	0.0%	29.6%	42.6	42.6	0.0	0.0%
30.9%	52.4	52.6	0.2	0.5%	30.9%	49.1	49.0	0.0	-0.1%	30.9%	44.2	44.2	0.0	0.0%	30.9%	42.6	42.6	0.0	0.0%
32.1%	52.2	52.4	0.2	0.4%	32.1%	49.1	49.0	-0.1	-0.1%	32.1%	44.2	44.2	0.0	0.1%	32.1%	42.5	42.5	0.0	0.0%
33.3%	52.2	52.2	0.0	0.0%	33.3%	49.1	49.0	-0.1	-0.1%	33.3%	44.1	44.1	0.0	0.0%	33.3%	42.4	42.4	0.1	0.2%
34.6%	52.0	52.2	0.2	0.4%	34.6%	49.0	49.0	-0.1	-0.2%	34.6%	44.1	44.1	0.0	0.0%	34.6%	42.3	42.4	0.1	0.2%
35.8%	52.0	52.1	0.1	0.2%	35.8%	49.0	48.9	-0.1	-0.2%	35.8%	44.0	44.0	0.0	0.0%	35.8%	42.3	42.4	0.1	0.1%
37.0%	52.0	52.1	0.1	0.2%	37.0%	49.0	48.8	-0.2	-0.2%	37.0%	43.9	43.9	0.0	0.0%	37.0%	42.3	42.3	0.0	0.0%
						48.9	48.7					43.9				42.3	42.3	0.0	
38.3%	51.9	52.0	0.1	0.1%	38.3%			-0.1	-0.3%	38.3%	43.8		0.1	0.1%	38.3%		42.3	0.0	0.0%
39.5%	51.9	52.0	0.1	0.2%	39.5%	48.6	48.7	0.1	0.2%	39.5%	43.6	43.7	0.1	0.2%	39.5%	42.2	42.3	0.0	0.1%
40.7%	51.9	51.9	0.0	0.0%	40.7%	48.6	48.6	0.0	0.1%	40.7%	43.6	43.6	0.0	0.0%	40.7%	42.2	42.3	0.0	0.1%
42.0%	51.9	51.8	0.0	-0.1%	42.0%	48.5	48.6	0.0	0.1%	42.0%	43.6	43.6	0.0	0.0%	42.0%	42.2	42.2	0.0	0.1%
43.2%	51.5	51.8	0.3	0.5%	43.2%	48.5	48.4	-0.1	-0.2%	43.2%	43.6	43.6	0.0	0.0%	43.2%	42.2	42.1	0.0	0.0%
44.4%	51.3	51.5	0.2	0.4%	44.4%	48.5	48.4	-0.1	-0.2%	44.4%	43.5	43.6	0.0	0.1%	44.4%	42.1	42.1	0.0	0.0%
45.7%	51.3	51.5	0.2	0.3%	45.7%	48.4	48.4	0.0	0.0%	45.7%	43.5	43.5	0.1	0.1%	45.7%	42.1	42.1	0.0	0.0%
46.9%	51.2	51.3	0.1	0.2%	46.9%	48.4	48.4	0.0	0.0%	46.9%	43.4	43.5	0.0	0.1%	46.9%	42.1	42.1	0.0	0.0%
48.1%	51.2	51.2	0.1	0.1%	48.1%	48.4	48.3	0.0	-0.1%	48.1%	43.3	43.5	0.1	0.3%	48.1%	42.0	42.0	0.0	0.0%
49.4%	51.2	51.2	0.0	0.0%	49.4%	48.3	48.3	0.0		49.4%	43.3	43.3	0.0	-0.1%	49.4%	42.0	42.0	0.0	
50.6%					50.6%				-0.1% -0.1%	50.6%									0.1%
	51.1	51.2	0.1	0.2%		48.2	48.1	-0.1			43.2	43.3	0.0	0.1%	50.6%	41.9	42.0	0.1	0.2%
51.9%	51.0	51.0	-0.1	-0.1%	51.9%	48.1	48.1	0.0	-0.1%	51.9%	43.2	43.2	0.0	-0.1%	51.9%	41.8	41.9	0.0	0.1%
53.1%	51.0	50.9	-0.1	-0.2%	53.1%	47.9	47.9	0.0	0.1%	53.1%	43.1	43.1	0.0	0.1%	53.1%	41.8	41.9	0.0	0.1%
54.3%	50.9	50.9	0.0	0.0%	54.3%	47.8	47.8	0.0	0.0%	54.3%	43.0	43.1	0.1	0.1%	54.3%	41.8	41.9	0.0	0.1%
55.6%	50.8	50.9	0.0	0.0%	55.6%	47.8	47.8	0.0	0.0%	55.6%	43.0	43.0	0.0	0.0%	55.6%	41.7	41.8	0.1	0.3%
56.8%	50.8	50.8	0.0	0.0%	56.8%	47.8	47.8	0.0	0.1%	56.8%	43.0	42.9	0.0	0.0%	56.8%	41.7	41.8	0.1	0.3%
58.0%	50.8	50.7	-0.1	-0.3%	58.0%	47.6	47.8	0.1	0.3%	58.0%	42.9	42.9	0.0	-0.1%	58.0%	41.7	41.8	0.1	0.2%
59.3%	50.6	50.5	-0.1	-0.2%	59.3%	47.6	47.7	0.2	0.4%	59.3%	42.8	42.8	0.0	0.0%	59.3%	41.7	41.6	0.0	-0.1%
60.5%	50.5	50.5	0.0	0.0%	60.5%	47.5	47.7	0.2	0.4%	60.5%	42.7	42.8	0.1	0.1%	60.5%	41.6	41.6	0.0	-0.1%
61.7%	50.5	50.3	-0.1	-0.2%	61.7%	47.4	47.7	0.3	0.6%	61.7%	42.6	42.7	0.1	0.2%	61.7%	41.6	41.6	0.0	0.0%
63.0%	50.4	50.3	-0.1	-0.3%	63.0%	47.3	47.6	0.3	0.7%	63.0%	42.6	42.6	0.0	0.1%	63.0%	41.6	41.6	0.0	0.1%
64.2%	50.4	50.3	-0.1	-0.3%	64.2%	47.3	47.5	0.3	0.4%	64.2%	42.6 42.5	42.5	0.0	0.1%	64.2%	41.5	41.5	0.0	-0.1%
65.4%	50.4	50.3 50.2	-0.1	-0.1%	65.4%	47.3 47.3	47.5 47.5	0.2	0.4%	65.4%	42.5 42.4	42.5 42.4	0.0	0.0%	65.4%	41.5 41.5	41.5 41.5	0.0	-0.1%
66.7%	50.3	50.1	-0.1	-0.2%	66.7%	47.3	47.4	0.1	0.2%	66.7%	42.3	42.3	0.0	0.0%	66.7%	41.5	41.5	0.0	-0.1%
67.9%	50.2	50.1	-0.1	-0.3%	67.9%	47.3	47.4	0.1	0.1%	67.9%	42.2	42.2	0.0	0.0%	67.9%	41.5	41.5	0.0	-0.1%
69.1%	50.1	50.0	-0.1	-0.1%	69.1%	47.3	47.3	0.0	0.1%	69.1%	42.2	42.2	0.0	0.0%	69.1%	41.5	41.4	0.0	-0.1%
70.4%	49.9	50.0	0.0	0.0%	70.4%	47.2	47.2	0.0	0.0%	70.4%	42.2	42.2	-0.1	-0.1%	70.4%	41.4	41.3	-0.1	-0.3%
71.6%	49.9	49.9	0.0	0.1%	71.6%	47.2	47.1	0.0	-0.1%	71.6%	42.2	42.2	0.0	-0.1%	71.6%	41.4	41.3	-0.1	-0.3%
72.8%	49.9	49.9	0.0	0.1%	72.8%	47.1	47.1	0.0	0.0%	72.8%	42.2	42.1	0.0	-0.1%	72.8%	41.4	41.3	-0.1	-0.2%
74.1%	49.9	49.9	0.0	0.1%	74.1%	47.1	47.1	0.0	0.0%	74.1%	42.2	42.1	0.0	-0.1%	74.1%	41.3	41.3	0.0	0.0%
75.3%	49.8	49.8	0.1	0.1%	75.3%	47.0	47.0	0.0	0.0%	75.3%	42.1	42.1	-0.1	-0.2%	75.3%	41.3	41.3	0.0	0.0%
76.5%	49.7	49.8	0.0	0.1%	76.5%	47.0	47.0	0.0	-0.1%	76.5%	42.1	42.0	-0.1	-0.2%	76.5%	41.2	41.3	0.0	0.0%
77.8%	49.7	49.7	0.0	0.0%	77.8%	47.0	46.9	-0.1	-0.1%	77.8%	42.1	42.0	-0.1	-0.3%	77.8%	41.2	41.2	0.1	0.2%
79.0%	49.7	49.7	0.0	0.0%	79.0%	46.9	46.9	-0.1	-0.1%	79.0%	42.1	42.0	-0.1	-0.3%	77.8%	41.2	41.2	0.0	0.2%
																			0.1%
80.2%	49.6	49.7	0.1	0.1%	80.2%	46.8	46.8	0.0	0.0%	80.2%	42.1	41.9	-0.1	-0.3%	80.2%	41.0	41.1	0.1	0.2%
81.5%	49.5	49.6	0.1	0.2%	81.5%	46.6	46.7	0.0	0.1%	81.5%	42.0	41.9	-0.1	-0.2%	81.5%	41.0	41.0	0.1	0.1%
82.7%	49.4	49.6	0.2	0.3%	82.7%	46.6	46.6	0.0	0.0%	82.7%	41.9	41.9	0.0	0.0%	82.7%	40.7	40.8	0.0	0.0%
84.0%	49.4	49.4	0.0	0.0%	84.0%	46.6	46.6	0.0	0.0%	84.0%	41.9	41.8	-0.1	-0.2%	84.0%	40.7	40.7	0.0	0.0%
85.2%	49.4	49.4	0.0	0.0%	85.2%	46.4	46.2	-0.2	-0.4%	85.2%	41.8	41.8	0.0	0.0%	85.2%	40.7	40.7	0.0	-0.1%
86.4%	49.4	49.4	0.0	0.0%	86.4%	46.3	46.2	-0.1	-0.3%	86.4%	41.8	41.8	0.0	0.0%	86.4%	40.6	40.7	0.0	0.1%
87.7%	49.2	49.3	0.0	0.1%	87.7%	46.2	46.1	-0.1	-0.2%	87.7%	41.7	41.7	0.0	0.0%	87.7%	40.6	40.6	0.0	0.1%
88.9%	49.2	49.0	-0.2	-0.4%	88.9%	46.1	46.1	0.0	0.0%	88.9%	41.7	41.7	0.0	0.1%	88.9%	40.6	40.6	0.0	0.0%
90.1%	48.9	48.9	0.1	0.2%	90.1%	46.0	46.0	0.0	0.0%	90.1%	41.6	41.7	0.0	0.1%	90.1%	40.4	40.6	0.0	0.4%
91.4%	48.8	48.9	0.1	0.2%	91.4%	45.9	46.0	0.0	0.0%	91.4%	41.5	41.6	0.1	0.2%	90.1%	40.4	40.4	0.2	0.4%
92.6%	48.6	48.9	0.3	0.6%	92.6%	45.9	46.0	0.0	0.1%	92.6%	41.4	41.3	-0.1	-0.2%	92.6%	40.0	40.4	0.3	0.8%
93.8%	48.5	48.9	0.3	0.7%	93.8%	45.8	46.0	0.2	0.4%	93.8%	41.3	41.3	0.0	0.0%	93.8%	40.0	40.0	0.0	0.0%
95.1%	48.5	48.6	0.1	0.2%	95.1%	45.7	45.7	0.0	0.0%	95.1%	41.3	41.3	0.0	0.0%	95.1%	39.9	39.9	0.0	0.0%
96.3%	48.4	48.5	0.1	0.1%	96.3%	45.7	45.7	0.0	0.0%	96.3%	41.2	41.2	0.0	0.0%	96.3%	39.9	39.7	-0.1	-0.4%
97.5%	48.4	48.5	0.1	0.2%	97.5%	45.2	45.3	0.1	0.2%	97.5%	41.2	41.1	0.0	-0.1%	97.5%	39.7	39.7	0.0	0.1%
98.8%	48.2	48.4	0.2	0.5%	98.8%	45.2	45.2	0.0	0.0%	98.8%	41.1	41.1	-0.1	-0.1%	98.8%	39.4	39.3	-0.1	-0.2%
100.0%	47.8	47.9	0.0	0.1%	100.0%	44.5	44.9	0.4	0.9%	100.0%	40.3	40.3	0.0	0.0%	100.0%	38.6	38.6	0.0	0.1%
100.070	-,,.0	17.0	0.0	0.170	100.070	11.0	11.0	0.1	0.070	100.070		10.0	0.0	0.070	100.070	00.0	00.0	0.0	0.170

Table SQ-37-9b
Clear Creek at Igo, Monthly Temperature
Probability of Exceedance

April

May

March

February

Percent		*** " "			Percent		40 U B			Percent					Percent				
Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative
Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability		Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	46.4	46.5	0.0	0.1%	0.0%	49.8	49.9	0.0	0.0%	0.0%	52.6	52.7	0.1	0.2%	0.0%	56.0	56.0	0.0	0.0%
1.2%	46.2	46.2	0.0	-0.1%	1.2%	48.7	48.7	0.0	0.0%	1.2%	52.6	52.6	0.0	0.0%	1.2%	55.7	55.7	0.0	0.0%
2.5%	45.8	45.8	0.0	0.0%	2.5%	48.6	48.6	0.0	0.0%	2.5%	52.3	52.2	0.0	0.0%	2.5%	55.6	55.6	0.0	0.0%
3.7%	45.5	45.5	0.0	0.1%	3.7%	48.5	48.6	0.0	0.0%	3.7%	52.2	52.0	-0.2	-0.4%	3.7%	55.2	55.2	0.0	0.0%
4.9%	45.4	45.4	0.0	0.0%	4.9%	48.5	48.5	0.0	0.0%	4.9%	52.0	51.9	-0.1	-0.3%	4.9%	55.1	55.1	0.0	0.1%
6.2%	45.0	45.0	0.1	0.1%	6.2%	48.2	48.2	0.0	-0.1%	6.2%	52.0	51.8	-0.2	-0.5%	6.2%	54.9	55.1	0.2	0.3%
7.4%	44.8	45.0	0.1	0.3%	7.4%	48.2	48.1	-0.1	-0.2%	7.4%	51.5	51.4	-0.1	-0.2%	7.4%	54.9	54.9	0.0	0.1%
8.6%	44.8	44.8	0.0	0.0%	8.6%	48.1	48.1	0.0	0.0%	8.6%	51.5	51.3	-0.1	-0.3%	8.6%	54.9	54.9	0.0	0.0%
9.9%	44.8	44.8	0.0	0.1%	9.9%	48.0	48.0	0.1	0.1%	9.9%	51.5	51.3	-0.1	-0.2%	9.9%	54.9	54.7	-0.1	-0.3%
11.1% 12.3%	44.7 44.7	44.8 44.7	0.1	0.2%	11.1% 12.3%	47.9 47.9	48.0 47.9	0.1	0.2%	11.1% 12.3%	51.4 51.3	51.3 51.3	-0.1 0.0	-0.2% -0.1%	11.1% 12.3%	54.7 54.7	54.7 54.7	0.0	0.0%
13.6%	44.6	44.6	0.0	0.0%	13.6%	47.9	47.8	-0.1	-0.2%	13.6%	51.3	51.3	-0.1	-0.1%	13.6%	54.7	54.5	-0.2	-0.3%
14.8%	44.6	44.5	0.0	0.0%	14.8%	47.7	47.7	0.0	0.0%	14.8% 16.0%	51.3	51.3	0.0	0.0%	14.8%	54.5 54.5	54.5	0.0	-0.1%
16.0% 17.3%	44.5 44.5	44.5 44.5	0.0	0.0%	16.0% 17.3%	47.7 47.4	47.4 47.4	-0.2 -0.1	-0.5%	16.0%	51.3 51.2	51.2 51.2	0.0	-0.1% -0.1%	16.0% 17.3%	54.5 54.5	54.5 54.5	0.0	0.0%
18.5%	44.5	44.5	0.0	0.0%	18.5%	47.4	47.4	-0.1	-0.2%	18.5%	51.2	51.2	0.0	0.0%	18.5%	54.5	54.4	-0.1	-0.1%
19.8%	44.5 44.4	44.5	0.0	0.0%	19.8%	47.4	47.3	-0.1	-0.2%	19.8%	51.2	51.1	-0.1	-0.2%	19.8%	54.4	54.4	0.0	0.0%
21.0%	44.4	44.4	0.0	0.1%	21.0%	47.4	47.3	-0.1	-0.3%	21.0%	51.2	51.1	-0.1	-0.2%	21.0%	54.3	54.3	0.0	0.0%
22.2%	44.4	44.4	0.0	0.0%	22.2%	47.3	47.2	-0.1	-0.1%	22.2%	51.0	51.1	0.0	0.1%	22.2%	54.3	54.3	0.0	0.0%
23.5%	44.3	44.4	0.0	0.0%	23.5%	47.2	47.2	0.0	-0.1%	23.5%	50.8	51.0	0.0	0.1%	23.5%	54.2	54.3	0.0	0.0%
24.7%	44.3	44.3	0.0	0.1%	24.7%	47.2	47.2	0.0	-0.1%	24.7%	50.6	51.0	0.4	0.7%	24.7%	54.1	54.2	0.0	0.2%
25.9%	44.3	44.3	0.0	0.0%	25.9%	47.2	47.2	0.0	0.0%	25.9%	50.6	50.8	0.2	0.4%	25.9%	54.1	54.1	0.0	0.0%
27.2%	44.3	44.3	0.0	0.0%	27.2%	47.2	47.1	-0.1	-0.2%	27.2%	50.6	50.6	0.0	0.0%	27.2%	54.0	54.0	0.0	0.0%
28.4%	44.3	44.3	0.0	0.0%	28.4%	47.1	47.1	0.0	0.0%	28.4%	50.4	50.6	0.0	0.3%	28.4%	53.9	53.9	0.0	0.0%
29.6%	44.2	44.2	0.0	0.0%	29.6%	47.1	47.0	0.0	-0.1%	29.6%	50.4	50.4	0.0	0.1%	29.6%	53.7	53.6	-0.1	-0.3%
30.9%	44.1	44.1	0.0	0.0%	30.9%	47.0	47.0	0.0	0.0%	30.9%	50.4	50.4	0.0	0.1%	30.9%	53.7	53.6	-0.1	-0.2%
32.1%	44.1	44.1	0.0	0.1%	32.1%	47.0	46.9	-0.1	-0.2%	32.1%	50.4	50.3	-0.1	-0.1%	32.1%	53.6	53.5	-0.1	-0.1%
33.3%	44.0	44.1	0.0	0.0%	33.3%	46.9	46.9	0.0	0.0%	33.3%	50.3	50.3	-0.1	-0.1%	33.3%	53.5	53.5	0.0	0.0%
34.6%	44.0	44.0	0.0	0.0%	34.6%	46.9	46.9	0.0	0.0%	34.6%	50.2	50.2	0.0	0.0%	34.6%	53.5	53.5	0.0	0.0%
35.8%	44.0	44.0	0.0	0.0%	35.8%	46.8	46.8	0.0	0.0%	35.8%	50.0	50.1	0.0	0.1%	35.8%	53.4	53.5	0.0	0.1%
37.0%	43.9	43.9	0.0	0.1%	37.0%	46.8	46.8	0.0	-0.1%	37.0%	50.0	50.0	0.0	0.1%	37.0%	53.4	53.4	0.0	0.0%
38.3%	43.9	43.9	0.0	0.0%	38.3%	46.8	46.8	0.0	0.0%	38.3%	50.0	50.0	0.1	0.1%	38.3%	53.4	53.4	0.0	0.0%
39.5%	43.9	43.9	0.0	0.0%	39.5%	46.8	46.7	0.0	-0.1%	39.5%	50.0	50.0	0.0	0.0%	39.5%	53.4	53.3	-0.1	-0.1%
40.7%	43.7	43.9	0.2	0.4%	40.7%	46.8	46.7	0.0	-0.1%	40.7%	50.0	50.0	0.0	0.0%	40.7%	53.3	53.3	0.0	0.0%
42.0%	43.7	43.7	0.0	0.0%	42.0%	46.7	46.7	0.0	-0.1%	42.0%	49.9	50.0	0.1	0.1%	42.0%	53.3	53.2	0.0	-0.1%
43.2%	43.6	43.6	0.1	0.2%	43.2%	46.7	46.7	0.0	0.0%	43.2%	49.9	49.9	0.0	0.0%	43.2%	53.3	53.2	-0.1	-0.2%
44.4%	43.5	43.6	0.1	0.1%	44.4%	46.7	46.7	0.0	0.0%	44.4%	49.9	49.9	0.0	0.0%	44.4%	53.2	53.2	0.0	0.0%
45.7%	43.5	43.6	0.1	0.1%	45.7%	46.7	46.7	0.0	0.0%	45.7%	49.8	49.8	0.0	0.1%	45.7%	53.2	53.2	0.0	0.0%
46.9%	43.4	43.5	0.1	0.2%	46.9%	46.7	46.5	-0.1	-0.3%	46.9%	49.7	49.8	0.1	0.2%	46.9%	53.1	53.1	0.0	0.0%
48.1%	43.4	43.5	0.1	0.2%	48.1%	46.3	46.3	0.0	0.0%	48.1%	49.6	49.7	0.1	0.2%	48.1%	53.1	53.1	-0.1	-0.1%
49.4%	43.4	43.5	0.1	0.2%	49.4%	46.3	46.3	0.0	0.0%	49.4%	49.5	49.7	0.2	0.4%	49.4%	52.8	52.9	0.2	0.3%
50.6%	43.4	43.4	0.0	0.0%	50.6%	46.2	46.2	0.0	0.0%	50.6%	49.5	49.6	0.1	0.3%	50.6%	52.8	52.9	0.2	0.3%
51.9%	43.3	43.4	0.1	0.2%	51.9%	46.2	46.2	0.0	0.0%	51.9%	49.4	49.5	0.1	0.2%	51.9%	52.7	52.9	0.2	0.3%
53.1%	43.3	43.4	0.1	0.3%	53.1%	46.0	46.0	0.0	0.0%	53.1%	49.3	49.4	0.1	0.2%	53.1%	52.7	52.8	0.1	0.2%
54.3%	43.3	43.4	0.1	0.3%	54.3%	46.0	46.0	0.0	0.0%	54.3%	49.3	49.3	0.0	0.0%	54.3%	52.7	52.6	0.0	-0.1%
55.6%	43.3	43.4	0.1	0.3%	55.6%	46.0	46.0	0.0	0.0%	55.6%	49.3	49.3	0.1	0.1%	55.6%	52.5	52.6	0.1	0.2%
56.8%	43.2	43.4	0.1	0.3%	56.8%	46.0	46.0	0.0	0.0%	56.8%	49.2	49.3	0.1	0.1%	56.8%	52.5	52.5	0.0	0.1%
58.0%	43.2	43.3	0.1	0.2%	58.0%	45.9	45.8	-0.2	-0.3%	58.0%	49.1	49.1	0.0	0.0%	58.0%	52.5	52.5	0.0	0.0%
59.3%	43.2	43.2	0.1	0.1%	59.3%	45.9	45.8	-0.1	-0.2%	59.3%	49.1	49.1	0.0	0.0%	59.3%	52.4	52.5	0.0	0.0%
60.5%	43.1	43.2	0.0	0.1%	60.5%	45.7	45.7	0.0	0.0%	60.5%	49.1	49.1	0.0	0.1%	60.5%	52.3	52.4	0.1	0.2%
61.7%	43.1	43.1	0.0	0.0%	61.7%	45.7	45.7	0.0	-0.1%	61.7%	48.9	49.1	0.2	0.3%	61.7%	52.3	52.4	0.1	0.2%
63.0%	43.1	43.1	0.0	0.0%	63.0%	45.6	45.6	0.0	0.0%	63.0%	48.8	49.0	0.2	0.4%	63.0%	52.2	52.3	0.1	0.1%
64.2%	43.1	43.1	0.0	0.0%	64.2%	45.6	45.6	0.0	0.0%	64.2%	48.8	48.8	0.0	0.0%	64.2%	52.1	52.3	0.2	0.4%
65.4%	43.1 43.0	43.1 43.1	0.0	-0.1%	65.4%	45.6	45.6	0.0	0.0%	65.4%	48.8	48.8 48.8	0.0	0.1%	65.4%	52.0	52.3 52.3	0.2	0.4%
66.7%	43.0 42.9	43.1 42.9	0.1	0.3%	66.7%	45.6	45.6 45.5	0.0	0.0%	66.7%	48.7	48.8 48.7	0.1	0.2%	66.7%	51.9 51.9	52.3 52.1	0.3 0.1	0.6%
67.9% 69.1%	42.9 42.9	42.9 42.9	0.0	0.0%	67.9% 69.1%	45.5 45.5	45.5 45.5	0.0	0.0%	67.9% 69.1%	48.7 48.6	48.7	0.1	0.1%	67.9% 69.1%	51.9 51.9	52.1 52.0	0.1	0.3%
70.4%	42.9 42.8	42.9 42.9	0.1	0.1%	70.4%	45.5 45.5	45.5 45.5	0.0	0.0%	70.4%	48.6 48.6	48.7	0.0	0.1%	70.4%	51.9 51.8	52.0 51.9	0.1	0.1%
70.4%	42.8	42.9	0.0	0.1%	70.4%	45.5 45.5	45.5	0.0	0.0%	71.6%	48.6	48.6	0.0	0.1%	70.4%	51.8	51.8	0.2	0.0%
71.6%	42.8 42.7	42.8 42.8	0.0	0.1%	71.6%	45.5 45.3	45.5 45.3	0.0	0.0%	71.6%	48.6 48.6	48.5 48.5	-0.1	-0.2%	71.6%	51.8 51.7	51.8 51.7	-0.1	-0.1%
74.1%	42.7	42.8	0.0	0.1%	74.1%	45.3 45.2	45.3 45.2	0.0	0.0%	74.1%	48.5	48.5	-0.1	-0.1%	74.1%	51.7	51.6	0.0	0.0%
75.3%	42.7	42.7	0.0	0.0%	75.3%	45.2 45.2	45.2 45.2	0.0	0.0%	75.3%	48.5	48.5	0.0	-0.1%	75.3%	51.5	51.6	0.0	0.4%
76.5%	42.7	42.7	0.0	0.0%	76.5%	45.2	45.2	0.0	0.0%	76.5%	48.5	48.4	0.0	-0.1%	76.5%	51.3	51.6	0.2	0.5%
77.8%	42.7	42.7	0.0	0.0%	77.8%	45.1	45.1	0.1	0.1%	77.8%	48.4	48.3	0.0	0.0%	77.8%	51.3	51.3	0.0	0.0%
79.0%	42.7	42.7	0.0	-0.1%	79.0%	45.1	45.1	0.0	0.0%	79.0%	48.3	48.2	-0.1	-0.2%	79.0%	51.2	51.3	0.0	0.3%
80.2%	42.6	42.6	0.0	0.0%	80.2%	45.1	45.1	0.0	0.0%	80.2%	48.3	48.1	-0.1	-0.3%	80.2%	51.1	51.2	0.0	0.0%
81.5%	42.6	42.6	0.0	0.0%	81.5%	45.1	45.1	0.0	0.0%	81.5%	48.2	48.1	-0.2	-0.3%	81.5%	50.7	51.0	0.0	0.6%
82.7%	42.4	42.4	0.0	0.1%	82.7%	45.1	45.1	0.0	0.0%	82.7%	48.0	47.9	-0.1	-0.2%	82.7%	50.7	50.7	0.1	0.1%
84.0%	42.4	42.4	0.0	0.0%	84.0%	44.9	44.9	0.0	0.0%	84.0%	47.9	47.8	-0.1	-0.3%	84.0%	50.4	50.6	0.1	0.4%
85.2%	42.3	42.4	0.1	0.1%	85.2%	44.9	44.9	0.0	0.0%	85.2%	47.8	47.8	-0.1	-0.1%	85.2%	50.4	50.5	0.1	0.2%
86.4%	42.3	42.3	0.0	0.0%	86.4%	44.9	44.9	0.0	0.0%	86.4%	47.8	47.7	-0.1	-0.2%	86.4%	50.3	50.4	0.2	0.3%
87.7%	42.3	42.3	0.0	0.0%	87.7%	44.7	44.7	0.0	0.0%	87.7%	47.3	47.3	0.0	0.0%	87.7%	50.2	50.3	0.0	0.1%
88.9%	42.2	42.2	0.0	0.0%	88.9%	44.6	44.6	0.0	0.0%	88.9%	47.3	47.3	0.0	-0.1%	88.9%	50.2	50.1	-0.1	-0.2%
90.1%	42.1	42.1	0.0	0.0%	90.1%	44.6	44.6	0.0	0.0%	90.1%	47.2	47.2	0.0	0.0%	90.1%	50.0	50.1	0.1	0.2%
91.4%	42.1	42.1	0.0	0.0%	91.4%	44.5	44.5	0.0	0.0%	91.4%	47.2	47.1	0.0	-0.1%	91.4%	49.9	49.9	0.0	0.0%
92.6%	42.0	42.1	0.1	0.3%	92.6%	44.5	44.5	0.0	0.0%	92.6%	47.1	47.1	0.0	0.0%	92.6%	49.6	49.7	0.2	0.4%
93.8%	41.8	41.8	0.0	0.0%	93.8%	44.5	44.5	0.0	-0.1%	93.8%	47.0	47.0	0.0	0.0%	93.8%	49.5	49.6	0.1	0.2%
95.1%	41.7	41.7	0.0	0.0%	95.1%	44.3	44.5	0.2	0.4%	95.1%	46.8	46.8	0.0	0.0%	95.1%	49.0	49.1	0.0	0.0%
96.3%	41.7	41.7	0.0	0.0%	96.3%	44.3	44.3	0.1	0.2%	96.3%	45.9	46.0	0.1	0.2%	96.3%	48.9	48.9	0.1	0.1%
97.5%	41.4	41.4	0.0	0.0%	97.5%	44.2	44.2	0.0	0.0%	97.5%	45.9	46.0	0.1	0.2%	97.5%	47.6	47.6	0.1	0.2%
98.8%	41.2	41.3	0.1	0.2%	98.8%	44.2	44.2	0.0	0.1%	98.8%	45.7	45.7	0.0	0.0%	98.8%	47.5	47.5	0.0	0.0%
100.0%	41.2	41.2	0.0	0.1%	100.0%	44.0	44.0	0.0	0.0%	100.0%	44.9	44.9	0.0	0.0%	100.0%	47.3	47.4	0.1	0.2%

Table SQ-37-9b
Clear Creek at Igo, Monthly Temperature
Probability of Exceedance

August

September

Percent	No Action Alternative	Alternative D	Absolute		Percent	No Action Alternative	Alternative D	Absolute		Percent	No Action Alternative	Alternative D	Absolute		Percent	No Action Alternative	Alternative D	Absolute	
Exceedance Probability	Monthly Temperature		Difference	Relative Difference (%)	Exceedance Probability		Monthly Temperature	Difference	Relative Difference (%)	Exceedance Probability		Monthly Temperature	Difference	Relative Difference (%)	Exceedance Probability	Monthly Temperature		Difference	Relative Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (x)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (76)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (%)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (x)
0.0%	59.8	59.7	-0.1	-0.2%	0.0%	73.8	73.2	-0.6	-0.8%	0.0%	65.0	63.6	-1.4	-2.2%	0.0%	64.2	61.1	-3.1	-4.8%
1.2%	59.8	59.7	-0.1	-0.2%	1.2%	64.9	64.6	-0.3	-0.4%	1.2%	62.4	61.4	-1.0	-1.6%	1.2%	61.7	61.1	-0.7	-1.1%
2.5%	59.7	59.7	0.0	0.0%	2.5%	64.2	64.3	0.0	0.1%	2.5%	62.1	61.1	-1.0	-1.6%	2.5%	60.0	59.9	-0.1	-0.2%
3.7% 4.9%	59.7 59.6	59.6 59.3	-0.1 -0.3	-0.2% -0.5%	3.7% 4.9%	63.7 63.0	63.7 62.3	0.0 -0.7	0.0% -1.1%	3.7% 4.9%	62.0 61.0	60.6 60.5	-1.4 -0.5	-2.3% -0.8%	3.7% 4.9%	59.6 59.1	59.7 58.5	0.1 -0.6	0.2% -1.1%
6.2%	59.0	59.3	0.0	0.0%	6.2%	61.9	61.5	-0.7	-0.7%	6.2%	60.8	60.1	-0.5	-1.0%	6.2%	58.6	58.2	-0.6	-0.7%
7.4%	59.1	59.2	0.0	0.1%	7.4%	61.9	61.1	-0.9	-1.4%	7.4%	60.6	59.6	-1.0	-1.7%	7.4%	58.3	57.7	-0.5	-0.9%
8.6%	59.0	59.0	0.0	0.0%	8.6%	61.6	61.0	-0.6	-1.0%	8.6%	59.5	59.5	0.0	0.0%	8.6%	58.1	57.7	-0.5	-0.8%
9.9%	58.9	58.5	-0.4	-0.7%	9.9%	61.3	60.9	-0.4	-0.6%	9.9%	59.4	59.3	-0.1	-0.2%	9.9%	57.9	57.0	-1.0	-1.7%
11.1%	58.7	58.5	-0.2	-0.4%	11.1%	61.3	60.5	-0.8	-1.3%	11.1%	59.4	59.3	-0.1	-0.2%	11.1%	57.7	56.7	-1.0	-1.7%
12.3% 13.6%	58.5 58.4	58.1 58.1	-0.4 -0.4	-0.6% -0.6%	12.3% 13.6%	61.0 60.3	60.3 60.2	-0.7 -0.1	-1.1% -0.1%	12.3% 13.6%	59.2 59.1	59.2 59.1	0.0 -0.1	-0.1% -0.1%	12.3% 13.6%	57.7 56.7	56.6 56.2	-1.1 -0.5	-1.8% -0.8%
14.8%	58.2	57.7	-0.4	-0.6%	14.8%	60.3	59.8	-0.1	-0.1%	14.8%	59.1	59.0	0.0	0.0%	14.8%	56.5	56.0	-0.5	-0.8%
16.0%	58.1	57.7	-0.4	-0.7%	16.0%	60.2	59.8	-0.4	-0.6%	16.0%	58.9	58.9	0.0	0.0%	16.0%	56.1	56.0	-0.2	-0.3%
17.3%	57.7	57.6	0.0	-0.1%	17.3%	59.8	59.5	-0.2	-0.4%	17.3%	58.9	58.9	0.0	0.0%	17.3%	55.8	55.7	-0.1	-0.2%
18.5%	57.7	57.6	-0.1	-0.1%	18.5%	59.7	59.5	-0.2	-0.4%	18.5%	58.8	58.9	0.0	0.1%	18.5%	55.5	55.7	0.2	0.3%
19.8%	57.7	57.5	-0.2	-0.3%	19.8%	59.6	59.4	-0.2	-0.3%	19.8%	58.8	58.7	-0.1	-0.2%	19.8%	55.3	55.5	0.3	0.5%
21.0%	57.5 57.4	57.5 57.4	0.0	0.0%	21.0% 22.2%	59.6 59.5	59.4 59.3	-0.2 -0.1	-0.3%	21.0% 22.2%	58.4 58.4	58.4 58.2	0.0	-0.1% -0.4%	21.0% 22.2%	54.9 54.8	55.0 54.9	0.2	0.3%
23.5%	57.4 57.0	57.4 57.2	0.0	0.4%	23.5%	59.5	59.3	-0.1	-0.2% -0.3%	23.5%	58.3	58.1	-0.2 -0.2	-0.4%	23.5%	54.8	54.9	0.2	0.3%
24.7%	56.9	57.0	0.2	0.2%	24.7%	59.4	59.1	-0.2	-0.4%	24.7%	58.2	58.1	-0.2	-0.1%	24.7%	54.7	54.7	0.0	0.0%
25.9%	56.9	56.9	0.0	0.1%	25.9%	59.2	59.1	-0.1	-0.2%	25.9%	58.0	58.1	0.1	0.1%	25.9%	54.6	54.7	0.1	0.1%
27.2%	56.8	56.8	0.0	0.0%	27.2%	59.2	59.1	-0.1	-0.1%	27.2%	58.0	58.0	0.0	0.0%	27.2%	54.6	54.1	-0.5	-0.9%
28.4%	56.6	56.6	0.0	0.0%	28.4%	59.1	59.1	-0.1	-0.1%	28.4%	57.9	57.9	0.0	-0.1%	28.4%	54.4	53.9	-0.5	-1.0%
29.6%	56.6	56.6	0.0	0.0%	29.6%	59.1	59.1	0.0	-0.1%	29.6%	57.9	57.9	0.0	0.1%	29.6%	54.3	53.9	-0.4	-0.8%
30.9% 32.1%	56.6 56.1	56.6 56.2	0.0	0.0%	30.9% 32.1%	59.1 59.0	58.9 58.8	-0.2 -0.2	-0.3% -0.3%	30.9% 32.1%	57.9 57.7	57.8 57.7	-0.1 0.0	-0.2% 0.0%	30.9% 32.1%	54.0 53.9	53.8 53.7	-0.3 -0.3	-0.5% -0.5%
33.3%	56.1	55.9	-0.2	-0.3%	33.3%	59.0	58.8	-0.2	-0.2%	33.3%	57.5	57.6	0.0	0.1%	33.3%	53.9	53.6	-0.3	-0.5%
34.6%	55.9	55.9	0.0	0.0%	34.6%	58.8	58.8	0.0	0.0%	34.6%	57.4	57.6	0.2	0.3%	34.6%	53.6	53.6	0.0	-0.1%
35.8%	55.7	55.7	-0.1	-0.1%	35.8%	58.7	58.7	0.0	-0.1%	35.8%	57.4	57.6	0.2	0.3%	35.8%	53.6	53.5	-0.1	-0.2%
37.0%	55.7	55.6	0.0	-0.1%	37.0%	58.7	58.6	-0.2	-0.3%	37.0%	57.4	57.5	0.1	0.2%	37.0%	53.6	53.5	-0.1	-0.1%
38.3%	55.6 55.6	55.6 55.5	-0.1	-0.1%	38.3%	58.6 58.5	58.5 58.5	-0.1	-0.1%	38.3%	57.2	57.4	0.2	0.4%	38.3% 39.5%	53.5	53.4	-0.2	-0.3%
39.5%			-0.1	-0.2%	39.5%		58.5 58.5	0.0	0.0%	39.5%	57.2	57.4	0.2	0.4%		53.5	53.3	-0.2 0.0	-0.3%
40.7% 42.0%	55.6 55.5	55.5 55.4	-0.1 0.0	-0.2% -0.1%	40.7% 42.0%	58.4 58.4	58.4	0.1	-0.1%	40.7% 42.0%	57.1 57.1	57.2 57.1	0.1	0.1% 0.0%	40.7% 42.0%	53.3 53.3	53.3 53.3	0.0	0.0%
43.2%	55.4	55.4	0.0	-0.1%	43.2%	58.4	58.4	-0.1	-0.1%	43.2%	57.1	56.7	-0.3	-0.6%	43.2%	53.3	53.3	0.0	0.0%
44.4%	55.4	55.4	0.0	0.0%	44.4%	58.4	58.4	0.0	-0.1%	44.4%	57.1	56.7	-0.4	-0.6%	44.4%	53.2	53.2	0.0	0.0%
45.7%	55.3	55.3	0.0	0.0%	45.7%	58.3	58.3	-0.1	-0.1%	45.7%	57.0	56.6	-0.4	-0.7%	45.7%	53.2	53.2	0.0	0.0%
46.9%	55.2	55.2	0.0	0.1%	46.9%	58.2	58.3	0.1	0.1%	46.9%	56.7	56.6	-0.1	-0.2%	46.9%	53.2	53.2	0.0	-0.1%
48.1% 49.4%	55.2 55.1	55.1 55.1	0.0 -0.1	-0.1% -0.1%	48.1% 49.4%	58.2 58.1	58.2 58.1	0.1	0.1%	48.1% 49.4%	56.6 56.6	56.5 56.3	-0.1 -0.3	-0.2% -0.5%	48.1% 49.4%	53.0 53.0	53.1 53.1	0.1 0.1	0.1% 0.1%
50.6%	55.1	55.1	-0.1	-0.1%	50.6%	58.1	58.1	0.0	0.0%	50.6%	56.6	56.3	-0.3	-0.5%	50.6%	53.0	53.0	0.1	0.1%
51.9%	55.1	54.9	-0.2	-0.3%	51.9%	58.0	58.0	0.0	0.0%	51.9%	56.5	56.3	-0.2	-0.4%	51.9%	52.8	53.0	0.2	0.3%
53.1%	54.9	54.9	0.0	-0.1%	53.1%	57.9	57.9	0.0	0.0%	53.1%	56.4	56.2	-0.2	-0.3%	53.1%	52.8	53.0	0.2	0.3%
54.3%	54.8	54.8	0.0	0.0%	54.3%	57.8	57.7	-0.1	-0.1%	54.3%	56.4	56.2	-0.2	-0.3%	54.3%	52.8	52.9	0.1	0.3%
55.6%	54.8	54.7 54.6	-0.1	-0.2%	55.6%	57.7	57.7 57.4	-0.1	-0.1%	55.6%	56.4	56.2	-0.2	-0.3%	55.6%	52.7	52.9	0.2	0.3%
56.8% 58.0%	54.8 54.7	54.5 54.5	-0.1 -0.2	-0.3% -0.3%	56.8% 58.0%	57.4 57.4	57.4 57.4	0.0	0.0%	56.8% 58.0%	56.3 56.3	56.2 56.1	-0.1 -0.1	-0.2% -0.2%	56.8% 58.0%	52.7 52.7	52.9 52.8	0.2	0.3%
59.3%	54.7 54.6	54.5	-0.2	-0.3%	59.3%	57.4 57.2	57.4	0.0	0.0%	59.0%	56.2	56.1	-0.1	-0.2%	59.3%	52.7	52.6	0.1	0.2%
60.5%	54.6	54.2	-0.3	-0.6%	60.5%	57.2	57.2	0.0	0.0%	60.5%	56.2	56.1	-0.1	-0.1%	60.5%	52.7	52.7	0.1	0.1%
61.7%	54.2	54.2	0.0	0.0%	61.7%	57.2	57.2	0.0	0.0%	61.7%	56.2	56.1	-0.1	-0.2%	61.7%	52.6	52.7	0.1	0.1%
63.0%	54.2	54.1	-0.1	-0.1%	63.0%	57.2	56.8	-0.3	-0.6%	63.0%	56.1	56.0	0.0	-0.1%	63.0%	52.6	52.7	0.1	0.2%
64.2%	54.2	54.1	0.0	-0.1%	64.2%	57.0	56.8	-0.2	-0.3%	64.2%	56.1	56.0	-0.1	-0.1%	64.2%	52.5	52.7	0.2	0.3%
65.4% 66.7%	54.2 54.0	54.1 54.1	-0.1	-0.2% 0.1%	65.4% 66.7%	56.9 56.8	56.8 56.8	-0.1 -0.1	-0.1% -0.1%	65.4% 66.7%	56.0 56.0	56.0 56.0	-0.1 -0.1	-0.1% -0.1%	65.4% 66.7%	52.5 52.5	52.6 52.5	0.1	0.3%
67.9%	54.0	54.0	0.0	0.0%	67.9%	56.8	56.8	0.0	-0.1%	67.9%	56.0	55.9	-0.1	-0.1%	67.9%	52.5 52.4	52.5 52.5	0.0	0.1%
69.1%	53.9	53.8	0.0	-0.1%	69.1%	56.8	56.7	-0.1	-0.2%	69.1%	56.0	55.9	-0.1	-0.2%	69.1%	52.4	52.4	0.0	0.0%
70.4%	53.8	53.8	0.0	0.0%	70.4%	56.7	56.7	-0.1	-0.1%	70.4%	55.9	55.8	-0.2	-0.3%	70.4%	52.3	52.4	0.1	0.2%
71.6%	53.8	53.7	-0.1	-0.2%	71.6%	56.7	56.6	-0.1	-0.2%	71.6%	55.9	55.6	-0.3	-0.6%	71.6%	52.3	52.3	0.1	0.1%
72.8% 74.1%	53.6 53.4	53.6 53.5	0.0	0.0%	72.8% 74.1%	56.7 56.7	56.6 56.5	-0.2 -0.2	-0.3% -0.3%	72.8% 74.1%	55.7 55.7	55.5 55.4	-0.2 -0.2	-0.3% -0.4%	72.8% 74.1%	52.2 52.2	52.2 52.2	0.0	-0.1% 0.0%
74.1%	53.4 53.4	53.5	0.0	-0.1%	74.1% 75.3%	56.7 56.6	56.5 56.5	-0.2	-0.3%	74.1% 75.3%	55.7 55.6	55.4 55.4	-0.2	-0.4%	74.1% 75.3%	52.2 52.2	52.2 52.2	0.0	0.0%
76.5%	53.3	53.3	0.1	0.1%	76.5%	56.6	56.5	-0.1	-0.2%	76.5%	55.5	55.4	-0.2	-0.3%	76.5%	52.1	52.0	-0.1	-0.2%
77.8%	53.3	53.3	0.0	0.0%	77.8%	56.5	56.5	0.0	-0.1%	77.8%	55.2	55.3	0.1	0.1%	77.8%	52.1	52.0	-0.1	-0.2%
79.0%	53.1	53.2	0.1	0.1%	79.0%	56.4	56.4	0.0	0.1%	79.0%	55.1	55.2	0.1	0.2%	79.0%	52.0	52.0	0.0	0.0%
80.2%	53.0	52.9	-0.1	-0.2%	80.2%	56.3	56.4	0.1	0.1%	80.2%	55.0	55.2	0.2	0.4%	80.2%	52.0	52.0	0.0	0.0%
81.5%	52.8	52.6	-0.2	-0.4%	81.5%	56.3	56.3 56.1	0.0	0.1%	81.5%	54.9	55.1	0.2	0.3%	81.5%	52.0	52.0 52.0	0.0	0.0%
82.7% 84.0%	52.8 52.6	52.5 52.5	-0.3 -0.1	-0.5% -0.2%	82.7% 84.0%	56.1 56.1	56.0	0.0 -0.1	-0.1% -0.2%	82.7% 84.0%	54.9 54.9	55.1 55.0	0.1 0.1	0.3%	82.7% 84.0%	51.9 51.9	52.0 51.9	0.0	0.1% 0.1%
85.2%	52.4	52.4	0.0	0.0%	85.2%	56.1	56.0	-0.1	-0.3%	85.2%	54.9	55.0	0.1	0.2%	85.2%	51.9	51.9	0.0	0.1%
86.4%	52.4	52.4	0.0	0.0%	86.4%	56.0	55.9	-0.1	-0.2%	86.4%	54.8	55.0	0.2	0.4%	86.4%	51.9	51.7	-0.2	-0.4%
87.7%	52.2	52.2	0.0	0.0%	87.7%	55.6	55.9	0.3	0.5%	87.7%	54.7	54.9	0.2	0.3%	87.7%	51.7	51.7	0.0	0.0%
88.9%	52.1	52.1	0.0	0.1%	88.9%	55.6	55.3	-0.3	-0.5%	88.9%	54.7	54.9	0.2	0.3%	88.9%	51.6	51.6	0.0	0.1%
90.1%	52.0	52.0	0.0	0.0%	90.1%	55.4	55.2	-0.2	-0.4%	90.1%	54.6	54.7	0.1	0.2%	90.1%	51.6	51.4	-0.2	-0.3%
91.4% 92.6%	51.7 51.6	52.0 51.7	0.2	0.4%	91.4% 92.6%	55.1 55.1	55.2 55.0	0.0 -0.1	0.1%	91.4% 92.6%	54.6 54.5	54.7 54.5	0.1	0.1%	91.4% 92.6%	51.6 51.4	51.4 51.4	-0.2 0.0	-0.3% -0.1%
93.8%	51.6	51.7	0.0	0.1%	92.6%	54.9	55.0	0.0	-0.2%	92.6%	54.5 54.5	54.5 54.4	-0.1	-0.1%	92.6%	51.4	51.4	-0.3	-0.1%
95.1%	51.0	51.1	0.0	0.1%	95.1%	54.9	54.6	-0.3	-0.5%	95.1%	54.5	54.3	-0.2	-0.3%	95.1%	51.1	51.1	0.0	0.0%
96.3%	51.0	51.0	0.0	0.1%	96.3%	54.4	54.3	-0.1	-0.2%	96.3%	54.3	54.2	-0.1	-0.2%	96.3%	50.9	51.0	0.1	0.3%
97.5%	51.0	51.0	0.0	0.1%	97.5%	53.9	53.9	0.0	0.0%	97.5%	54.3	54.1	-0.2	-0.4%	97.5%	50.9	50.9	0.1	0.1%
98.8%	49.2	49.2	0.0	0.0%	98.8%	53.7	53.1	-0.6	-1.1%	98.8%	53.5	53.8	0.3	0.5%	98.8%	50.7	50.9	0.2	0.3%
100.0%	48.8	48.8	0.0	0.0%	100.0%	52.5	52.6	0.1	0.2%	100.0%	53.3	53.6	0.3	0.6%	100.0%	50.6	50.6	0.0	0.0%

Table SQ-38-9a
Clear Creek at Mouth, Monthly Temperature
Long-term Average and Average by Water Year Type

		Long	-term Ave	rage and A	werage b	y water ye	ar i ype					
					Mon	thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	53.5	49.1	43.9	42.6	44.3	47.5	51.3	54.8	59.1	65.6	63.4	57.1
Alternative D	53.5	49.1	43.9	42.6	44.3	47.5	51.3	54.9	59.0	65.4	63.3	57.1
Difference	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1
Percent Difference ³	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	-0.1%	-0.2%	-0.1%	-0.1%
				Water Y	ear Types	2						
Wet (32%)												
No Action Alternative	51.5	48.0	43.3	42.2	44.1	46.8	49.9	54.2	58.0	65.4	63.7	56.1
Alternative D	51.5	48.1	43.3	42.1	44.1	46.8	49.9	54.2	58.0	65.3	63.5	56.0
Difference	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.1
Percent Difference	0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.2%	-0.3%	-0.19
Above Normal (15%)												
No Action Alternative	52.7	48.6	44.0	42.9	44.3	47.3	50.8	55.4	60.3	67.9	64.0	56.7
Alternative D	52.5	48.6	44.0	42.9	44.3	47.3	51.0	55.4	60.2	67.7	63.6	56.5
Difference	-0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-0.1	-0.2	-0.4	-0.2
Percent Difference	-0.5%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.4%	0.1%	-0.1%	-0.3%	-0.7%	-0.49
Below Normal (17%)												
No Action Alternative	54.0	49.3	43.9	42.5	43.8	47.3	51.4	55.4	58.6	65.6	63.5	57.2
Alternative D	54.0	49.5	43.9	42.5	43.8	47.3	51.5	55.4	58.6	65.5	63.5	57.3
Difference	0.0	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	0.0	0.1
Percent Difference	0.0%	0.4%	0.1%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	-0.2%	0.0%	0.2%
Dry (22%)												
No Action Alternative	53.5	49.7	44.2	42.6	44.2	47.9	52.6	54.8	59.1	64.9	62.4	56.8
Alternative D	53.6	49.8	44.2	42.7	44.3	47.9	52.4	54.8	58.9	64.7	62.5	56.9
Difference	0.1	0.1	0.0	0.1	0.1	-0.1	-0.2	0.0	-0.2	-0.2	0.1	0.1
Percent Difference	0.2%	0.2%	0.1%	0.1%	0.2%	-0.1%	-0.3%	0.1%	-0.3%	-0.2%	0.1%	0.2%
Critical (15%)												
No Action Alternative	58.2	50.5	44.6	43.1	45.4	48.9	52.7	55.0	61.0	64.5	63.4	60.3
Alternative D	58.0	50.4	44.5	43.1	45.4	48.9	52.8	55.1	60.9	64.5	63.8	59.8
Difference	-0.2	-0.1	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	0.0	0.4	-0.5
Percent Difference	-0.3%	-0.3%	-0.1%	0.1%	0.1%	0.0%	0.2%	0.1%	-0.2%	0.0%	0.6%	-0.89

1 Based on the 82-year simulation period

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



Figure SQ-38-9b Clear Creek at Mouth, Monthly Temperature Probability of Exceedance

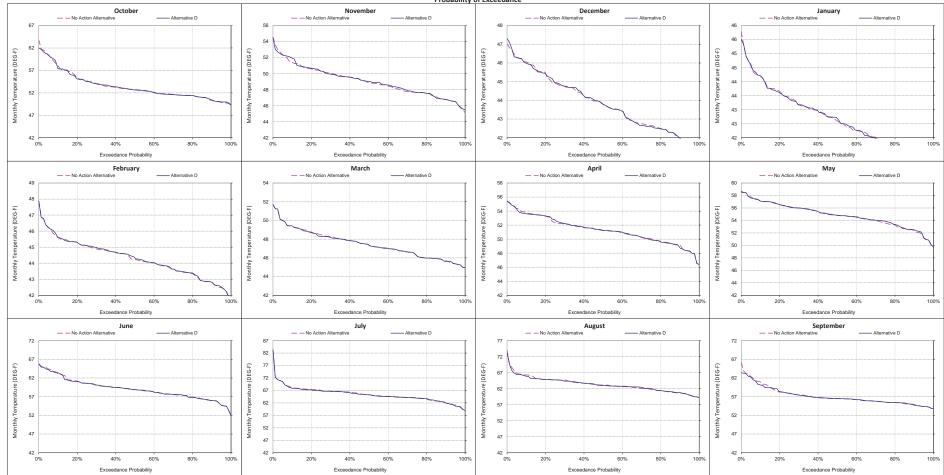


Table SQ-38-9b
Clear Creek at Mouth, Monthly Temperature
Probability of Exceedance

December

January

November

October

Percent		411 11 B			Percent		40 0 0			Percent					Percent				
Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative
Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability		Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	63.8	62.0	-1.8	-2.8%	0.0%	54.6	54.5	-0.1	-0.2%	0.0%	47.0	47.3	0.3	0.6%	0.0%	45.8	45.5	-0.3	-0.6%
1.2%	61.8	61.7	-0.1	-0.2%	1.2%	53.6	53.0	-0.6	-1.0%	1.2%	46.8	47.1	0.3	0.6%	1.2%	45.3	45.3	0.0	0.0%
2.5%	61.5	61.1	-0.4	-0.7%	2.5%	53.0	52.7	-0.3	-0.6%	2.5%	46.7	46.7	0.0	0.1%	2.5%	44.9	44.9	0.0	0.0%
3.7%	61.1	60.8	-0.3	-0.5%	3.7%	52.7	52.5	-0.2	-0.4%	3.7%	46.5	46.3	-0.1	-0.3%	3.7%	44.7	44.7	0.0	0.0%
4.9%	60.4	60.5	0.1	0.2%	4.9%	52.4	52.3	-0.1	-0.1%	4.9%	46.3	46.3	0.0	0.1%	4.9%	44.6	44.6	0.1	0.1%
6.2%	59.9	59.9	0.0	0.0%	6.2%	52.2	52.2	0.0	0.0%	6.2%	46.3	46.3	0.0	0.0%	6.2%	44.4	44.4	0.1	0.1%
7.4%	59.2	59.7	0.5	0.8%	7.4%	51.9	52.2	0.3	0.5%	7.4%	46.2	46.2	0.0	0.0%	7.4%	44.3	44.3	0.1	0.2%
8.6%	58.7	59.2	0.6	0.9%	8.6%	51.5	52.1	0.6	1.2%	8.6%	46.1	46.1	0.0	0.0%	8.6%	44.2	44.2	0.0	0.0%
9.9%	58.1	57.4	-0.7	-1.2%	9.9%	51.4	52.0	0.5	1.0%	9.9%	46.1	46.0	-0.1	-0.2%	9.9%	44.2	44.2	0.0	0.0%
11.1% 12.3%	57.4 57.1	57.3 57.3	-0.1 0.3	-0.1% 0.4%	11.1% 12.3%	51.3 51.2	51.8 51.1	0.6 -0.2	1.1%	11.1% 12.3%	46.0 45.9	45.9 45.9	-0.1 0.0	-0.1% 0.1%	11.1% 12.3%	44.1 44.0	44.1 44.0	0.0	0.0%
13.6%	57.0	57.1	0.1	0.2%	13.6%	51.2	51.0	-0.3	-0.5%	13.6%	45.9 45.7	45.7	-0.2	-0.4%	13.6%	43.8	43.8	0.0	-0.1%
14.8%	56.9	57.1	0.2	0.4%	14.8%	50.9	50.9	-0.1	-0.1%	14.8% 16.0%		45.6	-0.1 0.0	-0.2%	14.8%	43.8 43.8	43.8	0.0	0.0%
16.0% 17.3%	56.8 56.6	56.2 56.0	-0.6 -0.6	-1.0% -1.0%	16.0% 17.3%	50.8 50.7	50.8 50.8	0.1 0.1	0.2% 0.2%	17.3%	45.6 45.5	45.5 45.5	0.0	-0.1% -0.1%	16.0% 17.3%	43.8	43.7 43.7	-0.1 -0.1	-0.1% -0.1%
18.5%	56.1	55.9		-0.2%	18.5%	50.6	50.8	0.1	0.2%	18.5%	45.5 45.5	45.5 45.5	-0.1	-0.1%	18.5%	43.7	43.7	0.0	
19.8%	55.5	55.9	-0.1 -0.3	-0.6%	19.8%	50.6	50.7	0.1	0.2%	19.8%	45.5 45.5	45.5	-0.1	-0.1%	19.8%	43.7	43.6	0.0	-0.1% -0.1%
21.0%	55.1	55.0	-0.1	-0.2%	21.0%	50.6	50.6	0.1	0.1%	21.0%	45.2	45.3	0.1	0.2%	21.0%	43.6	43.6	0.0	-0.1%
22.2%	55.0	55.0	0.0	-0.1%	22.2%	50.4	50.6	0.1	0.1%	22.2%	45.1	45.2	0.1	0.2%	22.2%	43.5	43.5	0.0	0.0%
23.5%	54.9	54.9	0.0	-0.1%	23.5%	50.4	50.6	0.1	0.3%	23.5%	45.0	45.2	0.1	0.4%	23.5%	43.5	43.5	0.0	0.0%
24.7%	54.7	54.5	-0.2	-0.4%	24.7%	50.3	50.3	0.0	-0.1%	24.7%	44.9	44.9	0.0	0.1%	24.7%	43.5	43.4	-0.1	-0.1%
25.9%	54.7	54.5	0.0	-0.1%	25.9%	50.3	50.3	0.0	-0.1%	25.9%	44.9	44.9	0.0	0.1%	25.9%	43.4	43.3	-0.1	-0.1%
27.2%	54.5	54.4	-0.1	-0.1%	27.2%	50.1	50.1	-0.1	-0.1%	27.2%	44.8	44.9	0.1	0.1%	27.2%	43.4	43.3	-0.1	-0.1%
28.4%	54.4	54.1	-0.2	-0.4%	28.4%	50.1	50.0	-0.1	-0.1%	28.4%	44.8	44.8	0.0	0.0%	28.4%	43.4	43.3	0.0	0.0%
29.6%	54.0	54.1	0.0	0.1%	29.6%	50.1	50.0	-0.1	-0.2%	29.6%	44.8	44.8	0.0	0.0%	29.6%	43.2	43.2	0.0	0.0%
30.9%	53.9	54.0	0.2	0.3%	30.9%	50.0	49.9	-0.1	-0.2%	30.9%	44.7	44.8	0.1	0.1%	30.9%	43.1	43.2	0.0	0.1%
32.1%	53.8	53.9	0.2	0.3%	32.1%	49.9	49.9	0.0	-0.1%	32.1%	44.7	44.7	0.0	0.0%	32.1%	43.1	43.2	0.0	0.1%
33.3%	53.7	53.8	0.1	0.2%	33.3%	49.9	49.7	-0.1	-0.3%	33.3%	44.7	44.7	0.0	0.0%	33.3%	43.1	43.1	0.0	0.0%
34.6%	53.5	53.8	0.3	0.5%	34.6%	49.8	49.7	-0.2	-0.3%	34.6%	44.7	44.7	0.0	0.1%	34.6%	43.1	43.1	0.0	0.0%
35.8%	53.5	53.7	0.2	0.5%	35.8%	49.7	49.7	-0.1	-0.1%	35.8%	44.5	44.7	0.2	0.4%	35.8%	43.0	43.1	0.1	0.1%
37.0%	53.4	53.5	0.1	0.2%	37.0%	49.6	49.6	0.1	0.1%	37.0%	44.4	44.5	0.1	0.2%	37.0%	43.0	43.1	0.1	0.1%
38.3%	53.3	53.4	0.1	0.2%	38.3%	49.6	49.6	0.0	0.0%	38.3%	44.4	44.5	0.1	0.2%	38.3%	43.0	43.0	0.0	0.0%
39.5%	53.3	53.4	0.1	0.2%	39.5%	49.6	49.6	0.0	0.0%	39.5%	44.3	44.3	0.0	0.0%	39.5%	43.0	43.0	0.0	0.0%
40.7%	53.2	53.3	0.2	0.3%	40.7%	49.6	49.5	0.0	-0.1%	40.7%	44.2	44.2	0.0	0.0%	40.7%	42.9	42.9	0.0	-0.1%
42.0%	53.1	53.2	0.1	0.3%	42.0%	49.5	49.4	0.0	-0.1%	42.0%	44.2	44.2	0.0	0.0%	42.0%	42.9	42.9	0.0	0.0%
43.2%	53.0	53.1	0.1	0.1%	43.2%	49.4	49.4	0.0	0.0%	43.2%	44.1	44.2	0.1	0.2%	43.2%	42.8	42.9	0.0	0.1%
44.4%	53.0	53.0	0.1	0.2%	44.4%	49.4	49.4	0.0	0.1%	44.4%	44.0	44.1	0.1	0.2%	44.4%	42.8	42.8	0.0	0.0%
45.7%	52.9	53.0	0.1	0.1%	45.7%	49.2	49.2	0.0	0.1%	45.7%	44.0	44.0	0.0	0.1%	45.7%	42.7	42.7	0.0	0.1%
46.9%	52.8	52.8	0.0	0.1%	46.9%	49.1	49.1	0.0	0.0%	46.9%	44.0	44.0	0.0	0.0%	46.9%	42.7	42.7	0.0	0.0%
48.1%	52.8	52.8	0.0	0.0%	48.1%	49.1	49.1	0.0	-0.1%	48.1%	43.9	43.9	0.0	0.1%	48.1%	42.7	42.7	0.0	0.1%
49.4%	52.8	52.7	-0.1	-0.2%	49.4%	48.9	49.0	0.2	0.3%	49.4%	43.9	43.8	0.0	-0.1%	49.4%	42.6	42.7	0.1	0.2%
50.6%	52.7	52.6	-0.1	-0.1%	50.6%	48.8	49.0	0.2	0.3%	50.6%	43.7	43.8	0.0	0.1%	50.6%	42.6	42.6	0.1	0.2%
51.9%	52.7	52.6	-0.1	-0.2%	51.9%	48.8	48.9	0.1	0.2%	51.9%	43.7	43.7	0.0	0.1%	51.9%	42.5	42.5	0.0	0.0%
53.1%	52.6	52.6	0.0	-0.1%	53.1%	48.8	48.9	0.1	0.2%	53.1%	43.6	43.6	0.0	0.0%	53.1%	42.5	42.5	0.0	0.0%
54.3%	52.6	52.5	-0.1	-0.2%	54.3%	48.7	48.9	0.1	0.3%	54.3%	43.6	43.6	0.0	0.0%	54.3%	42.4	42.5	0.1	0.2%
55.6%	52.6	52.5	-0.1	-0.2%	55.6%	48.6	48.9	0.2	0.5%	55.6%	43.6	43.5	0.0	-0.1%	55.6%	42.4	42.4	0.0	0.1%
56.8%	52.4	52.4	0.0	-0.1%	56.8%	48.6	48.6	0.0	0.1%	56.8%	43.5	43.5	0.0	0.0%	56.8%	42.4	42.4	0.0	0.1%
58.0%	52.3	52.4	0.0	0.1%	58.0%	48.6	48.6	0.0	0.0%	58.0%	43.5	43.5	0.0	0.0%	58.0%	42.3	42.4	0.1	0.3%
59.3%	52.2	52.2	0.0	0.0%	59.3%	48.5	48.6	0.1	0.2%	59.3%	43.4	43.5	0.0	0.1%	59.3%	42.3	42.3	0.0	0.0%
60.5%	51.9	52.1	0.1	0.2%	60.5%	48.4	48.6	0.1	0.3%	60.5%	43.4	43.4	0.0	0.0%	60.5%	42.3	42.3	0.0	0.0%
61.7%	51.9	51.8	-0.1	-0.1%	61.7%	48.4	48.5	0.1	0.2%	61.7%	43.0	43.1	0.0	0.1%	61.7%	42.3	42.2	0.0	-0.1%
63.0%	51.8	51.8	0.0	-0.1%	63.0%	48.1	48.4	0.2	0.5%	63.0%	43.0	43.0	0.0	0.0%	63.0%	42.2	42.2	0.0	0.0%
64.2%	51.8	51.8	-0.1	-0.1%	64.2%	48.1	48.3	0.2	0.5%	64.2%	42.9	43.0	0.0	0.1%	64.2%	42.2	42.1	-0.1	-0.3%
65.4%	51.8	51.7	-0.1	-0.2%	65.4%	48.1 47.9	48.2 48.2	0.2	0.3%	65.4%	42.9	42.9 42.8	0.0	0.1%	65.4%	42.1	42.1 42.0	-0.1	-0.1%
66.7% 67.9%	51.7 51.7	51.7	-0.1 -0.1	-0.1%	66.7% 67.9%	47.9 47.9	48.2 48.1	0.3	0.6% 0.5%	66.7% 67.9%	42.8 42.8	42.8 42.7	0.0	0.0% -0.1%	66.7% 67.9%	42.1 42.0	42.0 42.0	0.0	0.0%
69.1%	51.7	51.6 51.6	-0.1	-0.2% -0.1%	69.1%	47.9 47.8	48.1	0.2	0.5%	69.1%	42.8 42.8	42.7	-0.1	-0.1%	67.9%	42.0 42.0	42.0 42.0	0.0	0.0% -0.1%
70.4%	51.7 51.6	51.6 51.6	-0.1	-0.1%	70.4%	47.8 47.8	48.0 47.9	0.2	0.4%	70.4%	42.8 42.7	42.7 42.6	-0.1	-0.2%	70.4%	42.0 42.0	42.0 42.0	0.0	-0.1% -0.1%
70.4%	51.6	51.5	-0.1	-0.1%	71.6%	47.7	47.8	0.1	0.2%	71.6%	42.7	42.6	-0.1	-0.2%	70.4%	41.9	42.0	0.0	0.1%
71.6%	51.6 51.5	51.5 51.5	-0.1	-0.1%	71.6%	47.7	47.8 47.7	0.1	0.2%	71.6%	42.7 42.7	42.6 42.6	-0.1	-0.2%	71.6%	41.9 41.9	42.0 41.9	0.0	0.1%
74.1%	51.5	51.5	0.0	0.0%	74.1%	47.7	47.7	0.0	-0.1%	74.1%	42.7	42.6	-0.1	-0.1%	74.1%	41.8	41.8	-0.1	-0.1%
75.3%	51.5	51.5	0.0	0.0%	75.3%	47.7	47.6	0.0	0.0%	75.3%	42.7	42.6	-0.1	-0.1%	75.3%	41.8	41.8	0.0	-0.1%
76.5%	51.5	51.4	0.0	0.0%	76.5%	47.6	47.6	0.0	-0.1%	76.5%	42.6	42.5	-0.1	-0.2%	76.5%	41.7	41.7	0.0	-0.1%
77.8%	51.5	51.4	0.0	0.0%	77.8%	47.6	47.6	0.0	0.0%	77.8%	42.6	42.5	-0.1	-0.2%	77.8%	41.7	41.7	0.0	-0.1%
79.0%	51.4	51.4	0.0	0.0%	79.0%	47.6	47.6	0.0	0.0%	79.0%	42.5	42.5	0.0	-0.2%	79.0%	41.6	41.7	0.0	0.1%
80.2%	51.4	51.4	0.0	0.0%	80.2%	47.5	47.5	0.0	0.0%	80.2%	42.5	42.5	0.0	0.0%	80.2%	41.6	41.6	0.0	0.0%
81.5%	51.2	51.4	0.0	0.0%	81.5%	47.5	47.5	0.0	-0.1%	81.5%	42.5	42.3	0.0	0.0%	81.5%	41.5	41.6	0.0	0.4%
82.7%	51.1	51.1	0.0	0.1%	82.7%	47.4	47.3	-0.1	-0.2%	82.7%	42.4	42.4	0.0	0.0%	82.7%	41.4	41.4	0.0	0.0%
84.0%	51.1	51.1	0.0	0.0%	84.0%	47.1	47.1	0.0	0.0%	84.0%	42.3	42.3	0.0	0.0%	84.0%	41.4	41.4	0.0	0.0%
85.2%	51.0	51.0	0.0	0.1%	85.2%	47.1	46.9	-0.2	-0.3%	85.2%	42.3	42.3	0.0	0.0%	85.2%	41.3	41.2	0.0	-0.1%
86.4%	50.9	51.0	0.1	0.2%	86.4%	46.9	46.9	0.0	0.0%	86.4%	42.3	42.3	0.0	0.0%	86.4%	41.2	41.2	0.0	0.0%
87.7%	50.9	50.8	-0.1	-0.1%	87.7%	46.8	46.8	0.0	0.1%	87.7%	42.1	42.2	0.0	0.1%	87.7%	41.0	41.1	0.1	0.3%
88.9%	50.4	50.6	0.2	0.4%	88.9%	46.8	46.8	0.0	0.1%	88.9%	42.1	42.1	0.0	-0.1%	88.9%	41.0	41.0	0.0	0.0%
90.1%	50.3	50.4	0.1	0.2%	90.1%	46.8	46.8	0.0	0.0%	90.1%	41.9	42.0	0.1	0.2%	90.1%	40.9	41.0	0.1	0.2%
91.4%	50.2	50.2	0.0	0.0%	91.4%	46.7	46.7	0.0	0.0%	91.4%	41.8	41.9	0.1	0.2%	91.4%	40.8	40.9	0.1	0.2%
92.6%	50.1	50.1	0.0	0.0%	92.6%	46.6	46.6	0.0	0.1%	92.6%	41.8	41.7	0.0	-0.1%	92.6%	40.5	40.8	0.3	0.8%
93.8%	50.0	50.1	0.1	0.1%	93.8%	46.6	46.6	0.0	0.0%	93.8%	41.7	41.7	0.0	0.0%	93.8%	40.5	40.5	0.0	0.0%
95.1%	49.9	50.0	0.1	0.2%	95.1%	46.5	46.5	0.0	0.0%	95.1%	41.7	41.7	0.0	0.0%	95.1%	40.4	40.4	0.0	0.0%
96.3%	49.8	50.0	0.2	0.3%	96.3%	46.1	46.1	0.0	0.0%	96.3%	41.7	41.6	-0.1	-0.1%	96.3%	40.3	40.2	-0.1	-0.3%
97.5%	49.7	50.0	0.2	0.5%	97.5%	45.7	45.8	0.1	0.2%	97.5%	41.5	41.6	0.1	0.1%	97.5%	40.0	40.0	0.0	0.1%
98.8%	49.6	49.7	0.1	0.3%	98.8%	45.6	45.6	0.0	0.0%	98.8%	41.5	41.4	-0.1	-0.3%	98.8%	39.7	39.6	-0.1	-0.2%
100.0%	49.3	49.3	0.0	0.1%	100.0%	45.1	45.5	0.4	1.0%	100.0%	40.7	40.7	0.0	0.0%	100.0%	39.1	39.1	0.0	0.1%

Table SQ-38-9b
Clear Creek at Mouth, Monthly Temperature
Probability of Exceedance

April

May

March

February

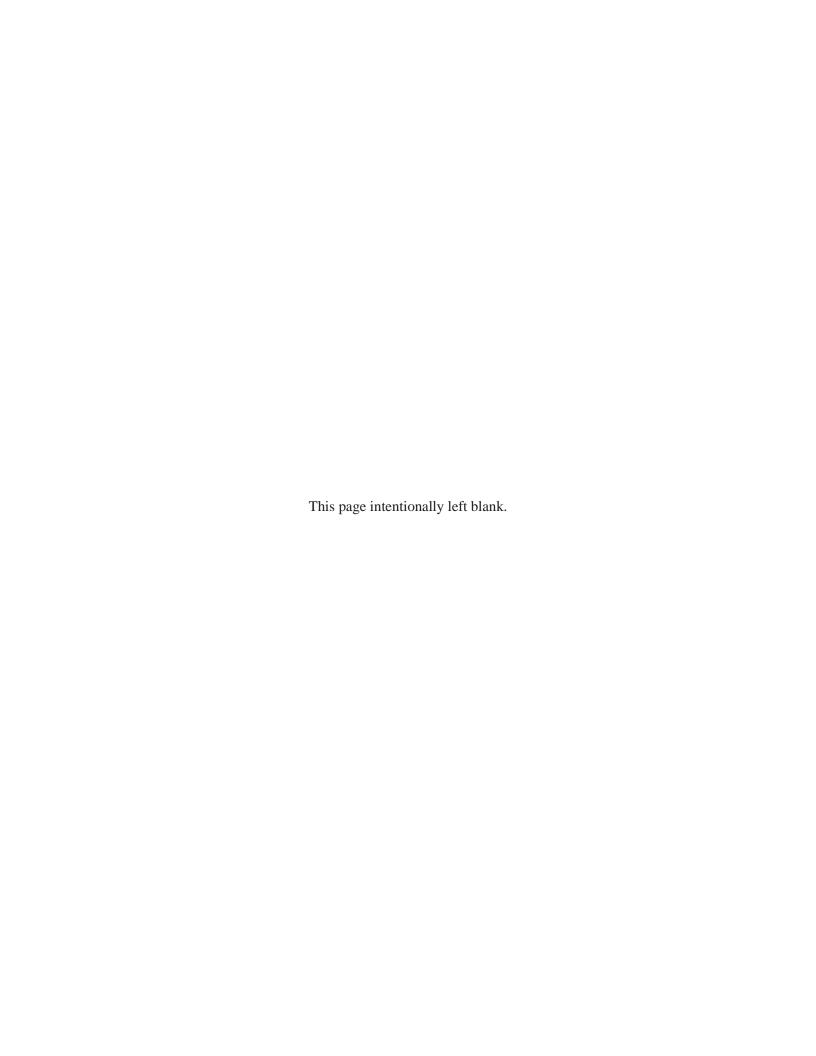
Percent		reditiary			Percent					Percent		Aprii			Percent				
Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)				(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	47.9	47.9	0.0	0.0%	0.0%	51.7	51.7	0.0	0.0%	0.0%	55.4	55.4	0.0	0.0%	0.0%	58.5	58.7	0.2	0.3%
1.2%	46.9	46.9	0.0	-0.1%	1.2%	51.3	51.3	0.0	0.0%	1.2%	55.3	55.1	-0.1	-0.2%	1.2%	58.5	58.5	0.0	0.0%
2.5%	46.8	46.8	0.0	0.0%	2.5%	51.1	51.2	0.1	0.2%	2.5%	54.8	54.8	0.0	0.0%	2.5%	58.5	58.5	0.0	0.0%
3.7%	46.4	46.4	0.0	0.0%	3.7%	50.1	50.1	0.0	0.0%	3.7%	54.6	54.7	0.1	0.2%	3.7%	57.8	57.8	0.0	0.0%
4.9%	46.2	46.2	0.0	0.0%	4.9%	50.0	50.0	0.0	-0.1%	4.9%	54.4	54.3	-0.1	-0.1%	4.9%	57.8	57.6	-0.2	-0.3%
6.2%	46.1	46.1	0.0	0.0%	6.2%	49.9	49.9	0.0	0.0%	6.2%	54.3	53.9	-0.4	-0.8%	6.2%	57.6	57.5	-0.1	-0.2%
7.4%	45.9	46.1	0.2	0.4%	7.4%	49.4	49.4	0.0	0.0%	7.4%	53.9	53.7	-0.2	-0.3%	7.4%	57.5	57.4	-0.1	-0.2%
8.6%	45.7	45.9	0.1	0.3%	8.6%	49.4	49.4	0.0	0.0%	8.6%	53.9	53.7	-0.2	-0.4%	8.6%	57.4	57.4	0.0	0.0%
9.9%	45.6	45.6	0.0	0.0%	9.9%	49.4	49.4	0.0	0.1%	9.9%	53.8	53.6	-0.2	-0.4%	9.9%	57.1	57.1	0.0	0.0%
11.1%	45.5	45.6	0.1	0.1%	11.1%	49.3	49.2	0.0	-0.1%	11.1%	53.7	53.6	-0.1	-0.2%	11.1%	57.1	57.0	0.0	0.0%
12.3%	45.5	45.5	0.0	0.0%	12.3%	49.2	49.2	0.0	-0.1%	12.3%	53.7	53.5	-0.2	-0.3%	12.3%	57.0	57.0	0.0	0.0%
13.6%	45.5	45.4	-0.1	-0.2%	13.6%	49.2	49.1	-0.1	-0.1%	13.6%	53.5	53.5	0.0	-0.1%	13.6%	57.0	57.0	0.0	0.0%
14.8%	45.4	45.4	-0.1	-0.1%	14.8%	49.1	49.0	-0.1	-0.1%	14.8%	53.5	53.5	0.0	0.0%	14.8%	57.0	57.0	0.0	0.0%
16.0%	45.4	45.4	0.0	0.0%	16.0%	49.0	48.9	-0.1	-0.2%	16.0%	53.4	53.5	0.0	0.1%	16.0%	56.9	56.9	0.0	-0.1%
17.3%	45.3	45.3	0.0	0.0%	17.3%	49.0	48.9	-0.1	-0.2%	17.3%	53.4	53.4	0.0	0.0%	17.3%	56.9	56.8	-0.1	-0.2%
18.5%	45.3	45.3	0.0	0.0%	18.5%	48.8	48.8	0.0	0.0%	18.5%	53.4	53.4	0.1	0.1%	18.5%	56.7	56.7	0.0	0.0%
19.8%	45.3	45.3	0.0	0.0%	19.8%	48.8	48.7	-0.1	-0.1%	19.8%	53.3	53.3	0.0	0.0%	19.8%	56.5	56.6	0.1	0.1%
21.0%	45.2	45.2	0.0	0.0%	21.0%	48.7	48.6	0.0	-0.1%	21.0%	53.2	53.2	0.0	0.1%	21.0%	56.5	56.4	0.0	0.0%
22.2%	45.1	45.1	0.0	0.0%	22.2%	48.6	48.6	0.0	0.0%	22.2%	53.1	53.2	0.2	0.3%	22.2%	56.3	56.4	0.1	0.2%
23.5%	45.1	45.1	0.0	0.0%	23.5%	48.6	48.3	-0.2	-0.5%	23.5%	52.5	52.9	0.3	0.6%	23.5%	56.3	56.3	0.0	0.0%
24.7%	45.1	45.1	0.0	0.1%	24.7%	48.5	48.3	-0.2	-0.4%	24.7%	52.4	52.8	0.4	0.8%	24.7%	56.2	56.2	0.0	-0.1%
25.9%	45.0	45.1	0.0	0.1%	25.9%	48.4	48.3	-0.1	-0.2%	25.9%	52.3	52.5	0.3	0.5%	25.9%	56.2	56.1	-0.1	-0.2%
27.2%	45.0	45.1	0.1	0.2%	27.2%	48.3	48.3	0.0	-0.1%	27.2%	52.2	52.4	0.2	0.4%	27.2%	56.1	56.0	0.0	0.0%
28.4%	44.9	45.0	0.1	0.2%	28.4%	48.3	48.3	-0.1	-0.1%	28.4%	52.2	52.3	0.1	0.2%	28.4%	56.0	56.0	0.0	0.0%
29.6%	44.9	45.0	0.1	0.2%	29.6%	48.3	48.2	-0.1	-0.2%	29.6%	52.1	52.2	0.1	0.2%	29.6%	56.0	56.0	0.0	-0.1%
30.9%	44.9	44.9	0.1	0.2%	30.9%	48.3	48.1	-0.2	-0.4%	30.9%	52.1	52.2	0.1	0.1%	30.9%	56.0	56.0	-0.1	-0.1%
32.1%	44.9	44.9	0.0	0.1%	32.1%	48.1	48.1	0.0	-0.1%	32.1%	52.1	52.1	0.0	0.0%	32.1%	55.9	55.9	0.1	0.1%
33.3%	44.8	44.9	0.1	0.1%	33.3%	48.1	48.1	0.0	-0.1%	33.3%	52.0	52.0	0.0	0.0%	33.3%	55.9	55.9	0.0	0.0%
34.6%	44.8	44.8	0.0	0.1%	34.6%	48.1	48.1	0.0	0.0%	34.6%	51.9	52.0	0.0	0.1%	34.6%	55.8	55.9	0.1	0.2%
35.8%	44.8	44.8	0.0	0.1%	35.8%	48.0	48.0	0.0	0.0%	35.8%	51.8	51.9	0.1	0.2%	35.8%	55.7	55.8	0.0	0.0%
37.0%	44.7	44.7	0.0	-0.1%	37.0%	48.0	48.0	0.0	-0.1%	37.0%	51.8	51.8	0.0	0.1%	37.0%	55.7	55.6	-0.1	-0.2%
38.3%	44.7	44.7	0.0	0.0%	38.3%	47.9	47.9	-0.1	-0.1%	38.3%	51.8	51.8	0.1	0.2%	38.3%	55.6	55.6	0.0	0.0%
39.5%	44.7	44.7	0.0	0.0%	39.5%	47.8	47.9	0.0	0.0%	39.5%	51.6	51.7	0.1	0.2%	39.5%	55.5	55.5	0.0	0.0%
40.7%	44.6	44.7	0.0	0.1%	40.7%	47.8	47.8	0.0	0.0%	40.7%	51.6	51.6	0.0	0.1%	40.7%	55.2	55.3	0.1	0.1%
42.0%	44.6	44.6	0.0	0.0%	42.0%	47.8	47.8	0.0	0.0%	42.0%	51.6	51.6	0.0	0.0%	42.0%	55.2	55.2	0.0	0.0%
43.2%	44.6	44.6	0.0	0.0%	43.2%	47.7	47.8	0.0	0.0%	43.2%	51.6	51.6	0.0	0.0%	43.2%	55.1	55.2	0.1	0.1%
44.4%	44.6	44.6	0.0	0.0%	44.4%	47.6	47.6	0.0	0.0%	44.4%	51.6	51.5	0.0	-0.1%	44.4%	54.9	55.1	0.2	0.4%
45.7%	44.5	44.6	0.0	0.1%	45.7%	47.6	47.5	0.0	0.0%	45.7%	51.4	51.4	0.0	0.1%	45.7%	54.9	55.0	0.1	0.2%
46.9%	44.4	44.5	0.1	0.2%	46.9%	47.5	47.5	0.0	0.0%	46.9%	51.4	51.4	0.0	0.0%	46.9%	54.9	55.0	0.1	0.1%
48.1%	44.3	44.4	0.2	0.4%	48.1%	47.5	47.5	0.0	0.0%	48.1%	51.3	51.4	0.1	0.2%	48.1%	54.9	54.9	0.0	0.0%
49.4%	44.3	44.4	0.1	0.3%	49.4%	47.5	47.5	0.0	0.0%	49.4%	51.2	51.3	0.1	0.2%	49.4%	54.9	54.9	0.0	0.0%
50.6%	44.2	44.3	0.0	0.1%	50.6%	47.2	47.3	0.0	0.1%	50.6%	51.2	51.2	0.0	0.0%	50.6%	54.8	54.8	0.0	-0.1%
51.9%	44.2	44.3	0.1	0.2%	51.9%	47.2	47.2	0.0	0.0%	51.9%	51.2	51.2	0.0	0.0%	51.9%	54.8	54.8	0.0	0.0%
53.1%	44.2	44.2	0.1	0.2%	53.1%	47.2	47.2	0.0	0.0%	53.1%	51.1	51.2	0.1	0.1%	53.1%	54.8	54.8	0.0	0.0%
54.3%	44.1	44.2	0.1	0.2%	54.3%	47.2	47.2	0.0	0.0%	54.3%	51.1	51.2	0.0	0.0%	54.3%	54.7	54.8	0.0	0.0%
55.6%	44.1	44.1	0.0	0.0%	55.6%	47.1	47.1	0.0	-0.1%	55.6%	51.1	51.1	0.0	0.0%	55.6%	54.7	54.7	0.0	-0.1%
56.8%	44.1	44.1	0.0	0.0%	56.8%	47.1	47.1	0.0	0.0%	56.8%	51.1	51.1	0.0	0.0%	56.8%	54.7	54.7	0.0	0.0%
58.0%	44.1	44.1	0.0	0.0%	58.0%	47.0	47.1	0.1	0.2%	58.0%	51.1	51.1	0.0	0.0%	58.0%	54.6	54.7	0.1	0.1%
59.3%	44.0	44.0	0.0	0.1%	59.3%	47.0	47.1	0.1	0.2%	59.3%	50.9	51.0	0.1	0.2%	59.3%	54.6	54.6	0.0	0.0%
60.5%	44.0	44.0	0.0	0.0%	60.5%	47.0	47.0	0.0	0.0%	60.5%	50.9	50.9	0.0	0.1%	60.5%	54.4	54.6	0.2	0.3%
61.7%	43.9	43.9	0.0	0.1%	61.7%	47.0	47.0	0.0	0.0%	61.7%	50.8	50.8	0.1	0.1%	61.7%	54.4	54.4	0.0	0.0%
63.0%	43.9	43.9	0.0	0.0%	63.0%	46.9	46.9	0.0	-0.1%	63.0%	50.6	50.8	0.2	0.3%	63.0%	54.4	54.3	0.0	-0.1%
64.2% 65.4%	43.8 43.8	43.9 43.9	0.0	0.1% 0.1%	64.2% 65.4%	46.9 46.8	46.9 46.8	0.0	0.0%	64.2% 65.4%	50.6 50.6	50.6 50.6	0.0	0.0%	64.2% 65.4%	54.3 54.2	54.3 54.2	0.0	-0.1%
	43.8	43.9		0.1%		46.8 46.7	46.8							0.1%	66.7%	54.2 54.1	54.2		0.0%
66.7% 67.9%	43.8	43.8	0.0	0.1%	66.7% 67.9%	46.7 46.7	46.8 46.7	0.0	0.0% 0.1%	66.7% 67.9%	50.6 50.5	50.6 50.5	0.0 -0.1	-0.1%	67.9%	54.1 54.1	54.1 54.1	0.0	0.0%
69.1%	43.7	43.6	0.0	0.1%	69.1%	46.7	46.7	0.1	0.1%	69.1%	50.4	50.5	0.0	0.0%	69.1%	54.1 54.1	54.1	0.0	0.0%
70.4%	43.6	43.6	0.0	0.0%	70.4%	46.6	46.6	0.0	0.1%	70.4%	50.4	50.4	0.0	0.1%	70.4%	53.9	54.0	0.0	0.2%
71.6%	43.5	43.5	0.0	0.0%	71.6%	46.6	46.6	0.0	0.0%	71.6%	50.2	50.3	-0.1	-0.2%	71.6%	53.9	54.0	0.1	0.2%
72.8%	43.5	43.5	0.0	0.0%	71.6%	46.6	46.6	0.0	0.0%	71.6%	50.2	50.1	-0.1	-0.2%	71.6%	53.7	54.0	0.1	0.5%
74.1%	43.5	43.5	0.0	0.0%	74.1%	46.4	46.4	0.0	0.0%	74.1%	50.1	50.0	-0.1	-0.2%	74.1%	53.7	53.9	0.2	0.5%
75.3%	43.4	43.5	0.0	0.1%	75.3%	46.1	46.1	0.0	0.0%	75.3%	50.0	49.9	-0.1	-0.3%	75.3%	53.6	53.9	0.3	0.6%
76.5%	43.4	43.4	0.0	0.1%	76.5%	46.1	46.1	0.0	0.0%	76.5%	49.9	49.8	0.0	-0.1%	76.5%	53.4	53.7	0.3	0.6%
77.8%	43.4	43.4	0.0	0.0%	77.8%	46.0	46.1	0.0	0.1%	77.8%	49.8	49.8	0.0	0.0%	77.8%	53.4	53.7	0.3	0.5%
79.0%	43.4	43.4	0.0	0.1%	79.0%	46.0	46.0	0.0	0.0%	79.0%	49.8	49.7	0.0	-0.1%	79.0%	53.4	53.4	0.0	0.1%
80.2%	43.3	43.4	0.0	0.1%	80.2%	46.0	46.0	0.0	0.0%	80.2%	49.6	49.6	0.0	-0.1%	80.2%	53.2	53.4	0.1	0.1%
81.5%	43.2	43.3	0.0	0.1%	81.5%	46.0	46.0	0.0	0.0%	81.5%	49.6	49.6	0.0	0.0%	81.5%	52.9	53.2	0.1	0.5%
82.7%	43.1	43.2	0.1	0.1%	82.7%	46.0	46.0	0.0	0.0%	82.7%	49.5	49.5	0.1	0.2%	82.7%	52.9	53.0	0.1	0.2%
84.0%	42.9	42.9	0.0	0.1%	84.0%	45.9	45.9	0.0	0.0%	84.0%	49.4	49.5	0.1	0.2%	84.0%	52.9	52.7	-0.2	-0.3%
85.2%	42.9	42.9	0.0	0.0%	85.2%	45.9	45.9	0.0	0.0%	85.2%	49.4	49.4	0.0	0.0%	85.2%	52.7	52.7	0.0	0.0%
86.4%	42.9	42.9	0.0	0.0%	86.4%	45.9	45.9	0.0	0.0%	86.4%	49.3	49.3	0.0	0.0%	86.4%	52.7	52.6	-0.1	-0.2%
87.7%	42.9	42.9	0.0	0.0%	87.7%	45.8	45.8	0.0	0.0%	87.7%	49.3	49.2	0.0	-0.1%	87.7%	52.7	52.5	0.0	0.0%
88.9%	42.9	42.9	0.0	0.0%	88.9%	45.7	45.7	0.0	0.0%	88.9%	49.2	49.1	-0.1	-0.1%	88.9%	52.5	52.5	0.0	0.0%
90.1%	42.8	42.8	0.0	-0.1%	90.1%	45.7	45.6	0.0	-0.1%	90.1%	49.2	48.7	-0.1	-0.9%	90.1%	52.3	52.5	0.1	0.0%
91.4%	42.6	42.7	0.0	0.0%	91.4%	45.6	45.6	0.0	0.0%	91.4%	48.6	48.6	0.0	0.0%	91.4%	52.1	52.3	0.1	0.4%
92.6%	42.6	42.6	0.0	0.0%	92.6%	45.4	45.6	0.0	0.4%	92.6%	48.4	48.4	0.0	0.0%	92.6%	52.1	52.3	0.2	0.3%
93.8%	42.5	42.6	0.1	0.2%	93.8%	45.4	45.4	0.0	0.0%	93.8%	48.3	48.3	0.0	0.0%	93.8%	51.8	52.1	0.3	0.6%
95.1%	42.5	42.5	0.0	0.1%	95.1%	45.4	45.4	0.0	0.0%	95.1%	48.2	48.3	0.1	0.2%	95.1%	51.1	51.2	0.1	0.1%
96.3%	42.4	42.4	0.0	0.0%	96.3%	45.3	45.3	0.0	0.0%	96.3%	48.0	48.0	0.0	-0.1%	96.3%	50.9	51.0	0.1	0.1%
97.5%	42.2	42.2	0.0	0.0%	97.5%	45.2	45.3	0.0	0.1%	97.5%	47.9	47.9	0.0	0.0%	97.5%	50.8	50.8	0.0	0.0%
98.8%	41.9	41.9	0.0	-0.1%	98.8%	45.0	45.0	0.0	0.0%	98.8%	46.5	46.5	0.0	0.0%	98.8%	50.1	50.2	0.1	0.2%
100.0%	41.5	41.5	0.0	0.0%	100.0%	44.9	44.9	0.0	0.0%	100.0%	46.4	46.4	0.0	0.0%	100.0%	49.7	49.7	0.0	0.0%

Table SQ-38-9b
Clear Creek at Mouth, Monthly Temperature
Probability of Exceedance

August

September

Percent		48 E D			Percent		411 II B			Percent		40 0 0			Percent		AU D		
Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative
Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability		Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	65.8	65.7	-0.1	-0.2%	0.0%	83.4	83.0	-0.4	-0.5%	0.0%	74.0	73.1	-0.9	-1.2%	0.0%	66.2	63.4	-2.8	-4.3%
1.2%	65.1	64.9	-0.2	-0.2%	1.2%	72.2	72.4	0.2	0.3%	1.2%	69.6	69.5	-0.1	-0.1%	1.2%	63.9	63.3	-0.6	-1.0%
2.5%	64.9	64.9	-0.1	-0.1%	2.5%	71.5	71.3	-0.2	-0.2%	2.5%	68.6	67.7	-0.9	-1.4%	2.5%	63.1	63.1	0.0	0.0%
3.7%	64.8	64.4	-0.4	-0.6%	3.7%	70.9	71.0	0.1	0.1%	3.7%	67.7	66.9	-0.7	-1.1%	3.7%	63.1	62.4	-0.7	-1.1%
4.9%	64.4	64.3	-0.2	-0.3%	4.9%	70.6	70.6	0.0	0.0%	4.9%	66.8	66.5	-0.4	-0.6%	4.9%	62.4	62.3	-0.1	-0.2%
6.2%	64.2	63.7	-0.5	-0.8%	6.2%	69.2	69.2	0.0	0.1%	6.2%	66.6	66.4	-0.1	-0.2%	6.2%	61.9	61.5	-0.4	-0.6%
7.4%	63.8	63.7	-0.1	-0.2%	7.4%	68.8	68.7	-0.2	-0.3%	7.4%	66.5	66.4	-0.1	-0.1%	7.4%	61.3	61.2	-0.1	-0.2%
8.6%	63.7	63.5	-0.2	-0.4%	8.6%	68.6	68.2	-0.5	-0.7%	8.6%	66.3	66.1	-0.2	-0.3%	8.6%	61.0	60.3	-0.7	-1.2%
9.9%	63.2	63.4	0.3	0.4%	9.9%	68.1	67.9	-0.2	-0.3%	9.9%	66.3	65.9	-0.4	-0.6%	9.9%	61.0	60.1	-0.9	-1.5%
11.1% 12.3%	62.9 62.8	63.1 62.8	0.2	0.3%	11.1% 12.3%	68.0 67.9	67.9 67.8	-0.1 -0.1	-0.2% -0.1%	11.1% 12.3%	66.2 66.2	65.8 65.2	-0.4 -1.0	-0.6% -1.5%	11.1% 12.3%	60.4 60.3	60.1 59.4	-0.3 -0.9	-0.5% -1.4%
13.6%	62.6	61.5	-1.1	-1.7%	13.6%	67.9	67.7	-0.2	-0.3%	13.6%	65.8	65.2	-0.6	-0.9%	13.6%	60.1	59.4	-0.7	-1.1%
14.8%	61.6	61.5	-0.1 -0.2	-0.1%	14.8%	67.7	67.4 67.4	-0.3	-0.4%	14.8% 16.0%	65.1	65.1	0.0	-0.1%	14.8%	59.7 59.2	59.4	-0.4	-0.6%
16.0% 17.3%	61.5 61.3	61.3 61.2	-0.2	-0.4% -0.3%	16.0% 17.3%	67.6 67.5	67.3	-0.2 -0.3	-0.3% -0.4%	17.3%	65.0 65.0	65.1 65.1	0.0	0.1% 0.1%	16.0% 17.3%	59.2 58.8	59.3 59.2	0.1 0.4	0.2% 0.7%
										18.5%		64.9				58.5		0.4	
18.5% 19.8%	61.3 61.2	61.1	-0.1 -0.2	-0.2% -0.3%	18.5% 19.8%	67.4 67.4	67.3 67.3	-0.1 -0.1	-0.2% -0.2%	19.8%	64.9 64.9	64.9	0.0	-0.1% 0.0%	18.5% 19.8%	58.2	59.1 58.4	0.7	1.1% 0.3%
21.0%	60.9	61.0	0.0	0.1%	21.0%	67.4	67.0	-0.4	-0.5%	21.0%	64.8	64.9	0.0	0.1%	21.0%	58.2	58.3	0.2	0.1%
22.2%	60.8	60.6	-0.2	-0.3%	22.2%	67.4	66.9	-0.5	-0.7%	22.2%	64.8	64.9	0.0	0.1%	22.2%	58.1	58.2	0.1	0.1%
23.5%	60.6	60.6	0.0	0.0%	23.5%	67.3	66.9	-0.5	-0.7%	23.5%	64.7	64.8	0.0	0.1%	23.5%	58.0	58.0	0.0	0.0%
24.7%	60.6	60.6	0.0	0.0%	24.7%	67.1	66.9	-0.2	-0.3%	24.7%	64.7	64.8	0.0	0.1%	24.7%	57.9	57.9	0.0	0.1%
25.9%	60.6	60.5	-0.1	-0.1%	25.9%	66.8	66.7	-0.1	-0.1%	25.9%	64.7	64.7	0.0	0.0%	25.9%	57.7	57.9	0.1	0.2%
27.2%	60.4	60.5	0.1	0.1%	27.2%	66.8	66.7	-0.1	-0.1%	27.2%	64.7	64.7	0.0	0.0%	27.2%	57.6	57.7	0.0	0.1%
28.4%	60.3	60.4	0.1	0.1%	28.4%	66.8	66.7	-0.1	-0.1%	28.4%	64.7	64.6	0.0	0.0%	28.4%	57.6	57.6	0.0	0.1%
29.6%	60.1	60.1	0.0	0.0%	29.6%	66.7	66.7	0.0	0.0%	29.6%	64.7	64.4	-0.3	-0.5%	29.6%	57.5	57.4	0.0	0.0%
30.9%	60.1	60.1	0.0	0.0%	30.9%	66.7	66.6	-0.1	-0.2%	30.9%	64.7	64.3	-0.3	-0.5%	30.9%	57.5	57.4	-0.1	-0.2%
32.1%	60.0	59.9	-0.1	-0.2%	32.1%	66.6	66.6	-0.1	-0.1%	32.1%	64.3	64.3	0.0	0.0%	32.1%	57.5	57.3	-0.2	-0.3%
33.3%	59.8	59.8	0.0	-0.1%	33.3%	66.6	66.6	-0.1	-0.1%	33.3%	64.2	64.3	0.1	0.2%	33.3%	57.3	57.2	-0.1	-0.1%
34.6%	59.8	59.7	0.0	-0.1%	34.6%	66.6	66.5	-0.1	-0.1%	34.6%	63.9	64.2	0.2	0.3%	34.6%	57.2	57.1	-0.1	-0.2%
35.8%	59.7	59.7	0.0	0.0%	35.8%	66.5	66.5	-0.1	-0.1%	35.8%	63.9	64.1	0.2	0.3%	35.8%	57.2	57.1	-0.1	-0.2%
37.0%	59.6	59.7	0.0	0.0%	37.0%	66.5	66.4	-0.1	-0.2%	37.0%	63.8	64.0	0.2	0.2%	37.0%	57.0	56.9	-0.1	-0.1%
38.3%	59.6	59.5	-0.1	-0.2%	38.3%	66.4	66.2	-0.2	-0.4%	38.3%	63.8	63.8	0.0	0.0%	38.3%	56.8	56.8	0.0	0.0%
39.5%	59.5	59.5	0.0	0.0%	39.5%	66.4	66.1	-0.3	-0.4%	39.5%	63.7	63.8	0.0	0.0%	39.5%	56.8	56.8	0.0	0.0%
40.7%	59.5	59.4	-0.1	-0.1%	40.7%	66.3	65.9	-0.4	-0.6%	40.7%	63.7	63.7	0.0	0.0%	40.7%	56.7	56.8	0.1	0.2%
42.0%	59.4	59.4	0.0	0.0%	42.0%	66.1	65.9	-0.2	-0.3%	42.0%	63.5	63.7	0.2	0.2%	42.0%	56.6	56.7	0.1	0.2%
43.2%	59.3	59.4	0.0	0.1%	43.2%	66.0	65.8	-0.3	-0.4%	43.2%	63.5	63.6	0.1	0.2%	43.2%	56.6	56.7	0.1	0.1%
44.4%	59.2	59.2	0.0	0.0%	44.4%	65.6	65.5	-0.1	-0.2%	44.4%	63.3	63.5	0.2	0.3%	44.4%	56.6	56.6	0.0	0.0%
45.7%	59.2	59.2	0.0	-0.1%	45.7%	65.6	65.5	-0.1	-0.1%	45.7%	63.3	63.4	0.1	0.1%	45.7%	56.5	56.6	0.0	0.1%
46.9%	59.0	59.1	0.1	0.2%	46.9%	65.5	65.5	0.0	0.0%	46.9%	63.3	63.1	-0.2	-0.3%	46.9%	56.5	56.6	0.1	0.1%
48.1%	58.9	59.0	0.1	0.2%	48.1%	65.4	65.4	0.0	0.0%	48.1%	63.2	63.1	-0.1	-0.2%	48.1%	56.5	56.5	0.0	0.1%
49.4%	58.9	58.9	0.0	0.0%	49.4%	65.2	65.3	0.0	0.1%	49.4%	63.2	63.0	-0.2	-0.3%	49.4%	56.5	56.5	0.1	0.1%
50.6%	58.9	58.8	0.0	0.0%	50.6%	65.2	65.3	0.1	0.2%	50.6%	63.1	62.9	-0.2	-0.3%	50.6%	56.5	56.5	0.0	0.1%
51.9%	58.8	58.8	-0.1	-0.1%	51.9%	65.1	64.9	-0.1	-0.2%	51.9%	63.1	62.9	-0.2	-0.4%	51.9%	56.4	56.5	0.0	0.1%
53.1%	58.8	58.7	0.0	0.0%	53.1%	64.9	64.8	-0.1	-0.2%	53.1%	63.0	62.9	-0.1	-0.2%	53.1%	56.4	56.5	0.1	0.1%
54.3%	58.8	58.6	-0.2	-0.3%	54.3%	64.9	64.8	-0.1	-0.2%	54.3%	62.8	62.8	0.0	0.0%	54.3%	56.4	56.4	0.0	0.0%
55.6%	58.7	58.5	-0.1	-0.2%	55.6%	64.9	64.6	-0.2	-0.3%	55.6%	62.8	62.8	-0.1	-0.1%	55.6%	56.4	56.4	0.0	0.0%
56.8%	58.6	58.5	0.0	0.0%	56.8%	64.7	64.6	-0.1	-0.1%	56.8%	62.8	62.7	-0.1	-0.1%	56.8%	56.3	56.4	0.1	0.1%
58.0%	58.5	58.5	0.0	-0.1%	58.0%	64.7	64.6	-0.1	-0.2%	58.0%	62.8	62.7	-0.1	-0.2%	58.0%	56.2	56.4	0.1	0.2%
59.3%	58.3	58.3	0.0	0.0%	59.3%	64.6	64.6	-0.1	-0.1%	59.3%	62.8	62.7	-0.1	-0.2%	59.3%	56.2	56.2	0.0	0.0%
60.5%	58.3	58.1	-0.2	-0.4%	60.5%	64.6	64.5	-0.1	-0.2%	60.5%	62.8	62.7	-0.1	-0.2%	60.5%	56.1	56.2	0.0	0.1%
61.7%	58.2	58.1	-0.1	-0.1%	61.7%	64.6	64.5	0.0	-0.1%	61.7%	62.7	62.7	-0.1	-0.1%	61.7%	56.0	56.2	0.2	0.3%
63.0%	58.0	57.9	-0.1	-0.2%	63.0%	64.5	64.4	-0.1	-0.2%	63.0%	62.7	62.6	-0.1	-0.1%	63.0%	56.0	56.1	0.1	0.3%
64.2%	57.9	57.9	0.0	0.0%	64.2%	64.5	64.3	-0.2	-0.3%	64.2%	62.7	62.6	-0.1	-0.1%	64.2%	55.9	56.0	0.1	0.1%
65.4%	57.9	57.7	-0.2	-0.3%	65.4%	64.5	64.3	-0.2	-0.2%	65.4%	62.4	62.6	0.2	0.3%	65.4%	55.9	55.9	0.0	0.0%
66.7% 67.9%	57.7 57.7	57.7 57.7	-0.1 -0.1	-0.1%	66.7% 67.9%	64.4 64.3	64.3 64.2	-0.2 0.0	-0.2% 0.0%	66.7% 67.9%	62.4	62.5 62.5	0.2 0.2	0.3%	66.7% 67.9%	55.9 55.8	55.9 55.9	0.0	0.0%
69.1%	57.7 57.6	57.7	-0.1 0.1	-0.1% 0.2%	67.9%	64.3	64.2	-0.1	-0.2%	69.1%	62.3 62.1	62.5	0.2	0.3%	67.9%	55.8 55.8	55.9 55.8	0.0	0.1%
70.4%	57.5 57.5	57.7 57.6	0.1	0.2%	70.4%	64.2	64.1	-0.1	-0.2%	70.4%	62.1	62.5	0.4	0.6%	70.4%	55.8 55.8	55.8 55.8	0.0	0.0%
70.4%	57.5 57.5	57.6	0.1	0.1%	70.4%	64.2	64.1	-0.1	-0.1%	71.6%	62.0	62.1	0.2	0.4%	70.4%	55.7	55.7	0.0	0.1%
71.6%	57.5 57.5	57.6 57.5	0.1	0.2%	71.6%	64.2	64.1	-0.1	-0.1% -0.1%	71.6%	62.0	62.1	0.1	0.1%	71.6%	55.7 55.7	55.7 55.7	0.0	0.1%
74.1%	57.4	57.5 57.5	0.1	0.1%	74.1%	64.2	64.0	-0.1	-0.1%	74.1%	61.9	62.1	0.1	0.2%	74.1%	55.6	55.6	0.0	0.0%
75.3%	57.4	57.3	0.0	0.0%	75.3%	64.1	63.8	-0.2	-0.4%	75.3%	61.7	62.0	0.2	0.5%	75.3%	55.5	55.5	0.0	0.0%
76.5%	57.3	57.3	0.0	0.0%	76.5%	63.9	63.8	-0.2	-0.4%	76.5%	61.6	61.8	0.3	0.3%	76.5%	55.5	55.4	0.0	0.0%
77.8%	57.2	56.9	-0.3	-0.6%	77.8%	63.8	63.8	0.0	-0.1%	77.8%	61.5	61.5	0.0	-0.1%	77.8%	55.5	55.4	0.0	0.0%
79.0%	56.9	56.8	-0.3	-0.2%	79.0%	63.7	63.7	0.0	0.0%	79.0%	61.4	61.4	0.0	0.1%	79.0%	55.4	55.4	0.0	0.0%
80.2%	56.9	56.8	-0.1	-0.2%	80.2%	63.3	63.7	0.4	0.6%	80.2%	61.3	61.4	0.0	0.2%	80.2%	55.4	55.4	0.0	0.1%
81.5%	56.8	56.8	0.0	0.0%	81.5%	63.2	63.3	0.4	0.6%	81.5%	61.2	61.2	0.0	0.2%	81.5%	55.4	55.4	0.0	0.1%
82.7%	56.7	56.5	-0.2	-0.4%	82.7%	63.0	63.2	0.3	0.4%	82.7%	61.2	61.1	-0.1	-0.1%	82.7%	55.3	55.4	0.1	0.2%
84.0%	56.5	56.5	-0.1	-0.1%	84.0%	62.8	63.1	0.3	0.5%	84.0%	61.0	61.1	0.1	0.2%	84.0%	55.2	55.3	0.1	0.2%
85.2%	56.3	56.3	0.0	0.0%	85.2%	62.8	62.8	0.0	0.1%	85.2%	61.0	61.1	0.1	0.2%	85.2%	55.1	55.3	0.2	0.4%
86.4%	56.3	56.3	0.0	-0.1%	86.4%	62.7	62.6	-0.2	-0.2%	86.4%	60.8	61.0	0.2	0.3%	86.4%	55.0	55.1	0.1	0.1%
87.7%	56.3	56.1	-0.2	-0.4%	87.7%	62.6	62.5	0.0	-0.1%	87.7%	60.7	60.8	0.1	0.1%	87.7%	55.0	55.0	0.0	0.0%
88.9%	56.0	56.1	0.0	0.1%	88.9%	62.2	62.4	0.2	0.3%	88.9%	60.6	60.8	0.1	0.2%	88.9%	55.0	55.0	-0.1	-0.1%
90.1%	55.9	56.0	0.1	0.1%	90.1%	62.0	61.9	-0.1	-0.2%	90.1%	60.6	60.7	0.1	0.2%	90.1%	54.9	54.7	-0.2	-0.4%
91.4%	55.8	55.9	0.1	0.1%	91.4%	61.7	61.8	0.0	0.1%	91.4%	60.6	60.5	-0.1	-0.1%	91.4%	54.8	54.6	-0.2	-0.4%
92.6%	55.8	55.9	0.1	0.2%	92.6%	61.7	61.4	-0.3	-0.4%	92.6%	60.4	60.5	0.1	0.2%	92.6%	54.6	54.5	0.0	0.0%
93.8%	55.2	55.2	0.0	0.1%	93.8%	61.2	61.2	0.0	0.0%	93.8%	60.2	60.2	0.0	-0.1%	93.8%	54.4	54.4	0.0	0.0%
95.1%	54.7	54.7	0.0	0.1%	95.1%	61.1	60.6	-0.5	-0.8%	95.1%	60.0	59.9	-0.1	-0.2%	95.1%	54.4	54.4	0.0	0.0%
96.3%	54.5	54.6	0.1	0.1%	96.3%	60.7	60.6	0.0	0.0%	96.3%	59.6	59.7	0.1	0.2%	96.3%	54.3	54.4	0.1	0.1%
97.5%	54.5	54.5	0.0	0.0%	97.5%	60.5	60.3	-0.1	-0.2%	97.5%	59.5	59.5	0.0	0.0%	97.5%	54.3	54.3	0.0	0.0%
98.8%	53.4	53.4	0.0	0.0%	98.8%	59.5	59.4	-0.1	-0.2%	98.8%	59.5	59.4	-0.1	-0.2%	98.8%	53.9	53.9	0.0	0.0%
100.0%	51.9	51.9	0.0	0.0%	100.0%	59.3	58.9	-0.4	-0.6%	100.0%	59.1	59.3	0.2	0.3%	100.0%	53.8	53.8	0.1	0.1%



Appendix 7E-1 Folsom Reservoir CE-QUAL-W2 River Temperature Modeling Updates for American River

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

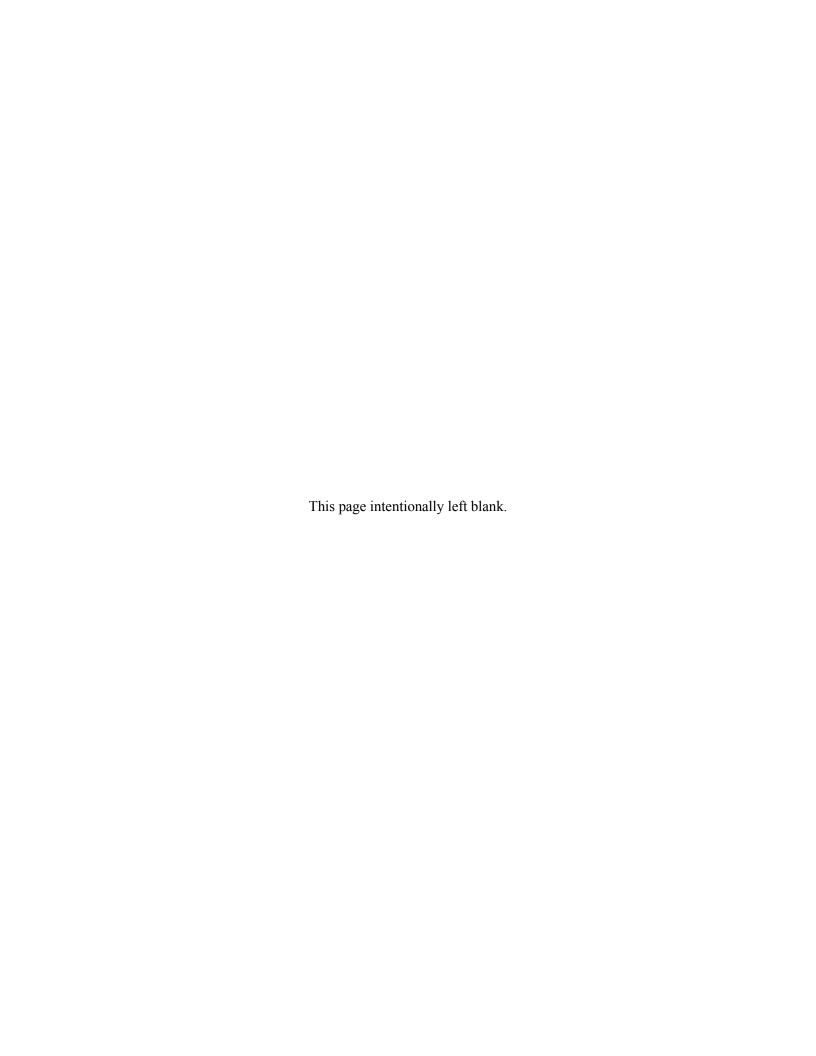


Table SQ-39-1a American River below Nimbus Dam, Monthly Temperature

		Long-	terin Aver	age and A	verage b	water re	arrype					
					Mon	thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	61.0	56.9	51.2	47.4	48.1	50.7	53.6	55.7	58.3	61.3	62.3	62.3
Alternative A	60.7	57.0	51.3	47.5	48.2	50.7	53.7	55.7	58.4	61.2	62.2	62.2
Difference	-0.3	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.0	-0.1	-0.1
Percent Difference ³	-0.5%	0.0%	0.2%	0.2%	0.1%	0.1%	0.2%	0.0%	0.1%	0.0%	-0.2%	-0.19
				Water Y	ear Types	2						
Wet (32%)												
No Action Alternative	59.6	56.5	51.8	47.4	48.1	50.0	52.5	53.6	56.1	59.2	60.7	61.0
Alternative A	59.3	56.5	51.9	47.4	48.2	50.0	52.4	53.6	56.0	59.2	60.8	61.0
Difference	-0.3	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	0.1
Percent Difference	-0.5%	0.0%	0.1%	0.1%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.1%	0.19
Above Normal (15%)												
No Action Alternative	60.0	56.4	50.8	47.6	47.8	50.1	52.8	54.4	57.1	60.3	61.1	60.9
Alternative A	59.6	56.5	50.9	47.6	47.8	50.3	53.1	54.6	57.3	60.4	61.1	61.0
Difference	-0.4	0.1	0.2	0.0	0.1	0.3	0.3	0.2	0.2	0.0	0.0	0.1
Percent Difference	-0.6%	0.2%	0.3%	0.1%	0.2%	0.6%	0.5%	0.4%	0.4%	0.0%	0.0%	0.29
Below Normal (17%)												
No Action Alternative	60.5	57.0	51.5	47.3	47.5	50.6	53.5	55.2	57.8	60.9	61.2	60.9
Alternative A	60.3	56.9	51.5	47.4	47.5	50.7	53.6	55.4	58.0	60.6	61.3	61.0
Difference	-0.2	-0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.2	-0.3	0.0	0.1
Percent Difference	-0.3%	-0.2%	0.1%	0.1%	0.0%	0.1%	0.1%	0.2%	0.3%	-0.5%	0.0%	0.19
Dry (22%)												
No Action Alternative	62.1	57.3	51.3	47.5	48.5	51.0	54.2	56.9	59.4	61.8	62.7	62.7
Alternative A	61.5	57.3	51.4	47.6	48.5	51.0	54.3	57.0	59.5	61.5	62.5	62.2
Difference	-0.6	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.1	-0.3	-0.2	-0.4
Percent Difference	-0.9%	-0.1%	0.2%	0.2%	0.0%	-0.1%	0.2%	0.3%	0.2%	-0.5%	-0.3%	-0.79
Critical (15%)												
No Action Alternative	64.0	57.8	50.1	47.3	48.8	52.3	55.8	60.0	63.4	66.3	67.5	67.3
Alternative A	64.0	58.0	50.2	47.5	49.0	52.5	56.0	59.6	63.1	66.9	66.9	67.0
Difference	0.0	0.2	0.1	0.2	0.2	0.2	0.2	-0.4	-0.3	0.7	-0.6	-0.2
Percent Difference	0.0%	0.4%	0.3%	0.4%	0.4%	0.3%	0.4%	-0.7%	-0.5%	1.0%	-0.8%	-0.49

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



Figure SQ-39-1b

American River below Nimbus Dam, Monthly Temperature

Probability of Exceedance

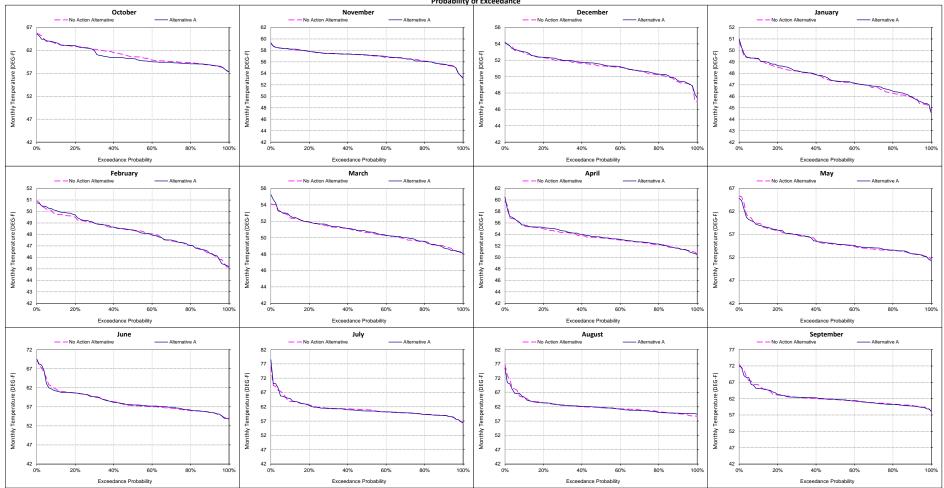


Table SQ-39-1b American River below Nimbus Dam, Monthly Temperature Probability of Exceedance

									Probabilit	y of Exceedance									
Percent		October			Percent		November			Percent		December			Percent		January		
Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative
Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature (DEG-F)	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
(%)	(DEG-F) 65.8	(DEG-F) 65.6	-0.2	-0.3%	(%)	(DEG-F) 59.1	(DEG-F) 59.3	0.2	0.4%		(DEG-F) 54.1	(DEG-F) 54.2	0.0	0.1%	(%)	(DEG-F) 50.8	(DEG-F) 51.0	0.2	0.4%
1.3%	65.5	65.2	-0.3	-0.5%	1.3%	58.8	58.7	0.0	-0.1%	1.3%	53.9	54.0	0.0	0.1%	1.3%	50.2	50.3	0.1	0.2%
2.5%	65.2	64.4	-0.7	-1.1%	2.5%	58.6	58.5	0.0	0.0%	2.5%	53.8	53.8	0.0	0.0%	2.5%	49.5	49.7	0.3	0.5%
3.8% 5.0%	64.5 64.0	64.4 64.1	-0.1 0.1	-0.1% 0.2%	3.8% 5.0%	58.5 58.4	58.5 58.4	0.0	-0.1% 0.0%	3.8% 5.0%	53.7 53.2	53.4 53.3	-0.3 0.1	-0.5% 0.2%	3.8% 5.0%	49.5 49.4	49.4 49.4	0.0	-0.1% 0.0%
6.3%	64.0	64.0	0.1	0.1%	6.3%	58.4	58.4	0.0	0.0%	6.3%	53.1	53.2	0.1	0.2%	6.3%	49.3	49.3	0.0	0.0%
7.5%	63.9	64.0	0.1	0.2%	7.5%	58.4	58.3	0.0	0.0%	7.5%	53.1	53.1	0.0	0.1%	7.5%	49.3	49.3	0.0	0.0%
8.8%	63.7	63.8	0.1	0.1%	8.8%	58.3	58.3	-0.1	-0.1%	8.8%	53.1	53.1	0.0	-0.1%	8.8%	49.3	49.3	0.0	0.1%
10.0% 11.3%	63.4 63.3	63.7 63.5	0.3	0.5%	10.0% 11.3%	58.2 58.1	58.2 58.2	0.0	0.0%	10.0% 11.3%	52.8 52.8	53.0 53.0	0.2	0.4%	10.0% 11.3%	49.3 49.1	49.3 49.0	0.0	0.1% -0.1%
12.5%	63.2	63.1	0.2	-0.1%	12.5%	58.1	58.2	0.1	0.2%	12.5%	52.7	52.8	0.2	0.4%	12.5%	49.0	49.0	0.0	0.1%
13.8%	63.1	63.1	0.0	0.1%	13.8%	58.0	58.2	0.2	0.3%	13.8%	52.6	52.5	-0.1	-0.1%	13.8%	48.9	49.0	0.1	0.3%
15.0%	63.1	63.1	0.0	0.1%	15.0%	58.0	58.1	0.1	0.1%	15.0%	52.5	52.5	0.0	0.0%	15.0%	48.8	49.0	0.1	0.3%
16.3% 17.5%	63.1 63.0	63.1 63.1	0.0	0.1%	16.3% 17.5%	58.0 57.9	58.0 58.0	0.0	-0.1% 0.1%	16.3% 17.5%	52.5 52.4	52.4 52.4	-0.1 0.0	-0.1% 0.0%	16.3% 17.5%	48.7 48.7	48.9 48.8	0.1 0.1	0.2%
18.8%	62.9	63.0	0.1	0.2%	18.8%	57.9	57.9	0.0	0.0%	18.8%	52.4	52.4	0.0	0.0%	18.8%	48.6	48.8	0.1	0.4%
20.0%	62.9	63.0	0.2	0.3%	20.0%	57.8	57.8	0.0	-0.1%	20.0%	52.3	52.4	0.0	0.1%	20.0%	48.5	48.7	0.1	0.2%
21.3%	62.8	62.8	0.0	0.1%	21.3%	57.8	57.8	-0.1	-0.1%	21.3%	52.3	52.4	0.1	0.2%	21.3%	48.5	48.7	0.2	0.3%
22.5%	62.8 62.7	62.7	-0.1	-0.2%	22.5%	57.7	57.7	0.0	0.0%	22.5%	52.2 52.2	52.3 52.3	0.1	0.2%	22.5%	48.4 48.4	48.6 48.6	0.2	0.4%
23.8% 25.0%	62.6	62.6 62.6	-0.1 0.0	-0.1% -0.1%	23.8% 25.0%	57.6 57.6	57.7 57.6	0.1 0.1	0.1% 0.1%	23.8% 25.0%	52.2	52.3	0.1 0.2	0.2%	23.8% 25.0%	48.3	48.5	0.2	0.4% 0.5%
26.3%	62.6	62.5	-0.1	-0.2%	26.3%	57.5	57.6	0.0	0.1%	26.3%	52.0	52.2	0.3	0.5%	26.3%	48.3	48.5	0.2	0.4%
27.5%	62.4	62.5	0.0	0.0%	27.5%	57.5	57.5	0.0	0.0%	27.5%	52.0	52.1	0.2	0.3%	27.5%	48.3	48.4	0.1	0.2%
28.8%	62.3	62.3	0.0	0.0%	28.8%	57.5	57.5	0.0	0.0%	28.8%	52.0	52.1	0.2	0.3%	28.8%	48.2	48.2	0.0	-0.1%
30.0% 31.3%	62.3 62.3	62.0 61.1	-0.2 -1.2	-0.4% -1.9%	30.0% 31.3%	57.5 57.5	57.5 57.5	0.0	-0.1% 0.0%	30.0% 31.3%	51.9 51.9	52.0 52.0	0.1	0.1%	30.0% 31.3%	48.2 48.2	48.2 48.2	0.0	0.0%
32.5%	62.1	60.9	-1.1	-1.8%	32.5%	57.5	57.4	-0.1	-0.1%	32.5%	51.9	52.0	0.1	0.1%	32.5%	48.1	48.1	0.0	0.1%
33.8%	62.0	60.9	-1.2	-1.9%	33.8%	57.5	57.4	0.0	-0.1%	33.8%	51.9	52.0	0.0	0.1%	33.8%	48.1	48.1	0.0	0.1%
35.0%	61.9	60.7	-1.2	-1.9%	35.0%	57.4	57.4	0.0	0.0%	35.0%	51.7	51.9	0.2	0.4%	35.0%	48.1	48.1	0.0	0.0%
36.3% 37.5%	61.8 61.8	60.6 60.5	-1.2	-1.9%	36.3% 37.5%	57.4 57.4	57.4 57.4	0.0	0.0% -0.1%	36.3% 37.5%	51.7 51.7	51.8 51.8	0.1	0.2%	36.3% 37.5%	48.0 48.0	48.0 48.0	0.0	0.0%
38.8%	61.8	60.5	-1.3 -1.3	-2.1% -2.1%	38.8%	57.4 57.4	57.4	0.0	-0.1%	38.8%	51.7	51.8	0.1	0.2%	38.8%	46.0	48.0	0.0	0.1%
40.0%	61.5	60.5	-1.0	-1.7%	40.0%	57.4	57.4	0.0	0.0%	40.0%	51.6	51.8	0.1	0.2%	40.0%	47.9	47.9	0.0	0.0%
41.3%	61.5	60.5	-1.0	-1.6%	41.3%	57.4	57.3	0.0	0.0%	41.3%	51.6	51.7	0.1	0.2%	41.3%	47.8	47.8	0.0	0.0%
42.5%	61.4	60.4	-0.9	-1.5%	42.5%	57.3	57.3	0.0	-0.1%	42.5%	51.6	51.7	0.1	0.3%	42.5%	47.8 47.6	47.8 47.8	0.0	0.1%
43.8% 45.0%	61.2 61.2	60.4 60.4	-0.8 -0.8	-1.3% -1.3%	43.8% 45.0%	57.3 57.3	57.3 57.3	0.0	0.0%	43.8% 45.0%	51.5 51.5	51.7 51.7	0.1	0.3%	43.8% 45.0%	47.6 47.5	47.8 47.7	0.2	0.3%
46.3%	61.0	60.3	-0.7	-1.1%	46.3%	57.2	57.3	0.1	0.1%	46.3%	51.5	51.7	0.2	0.3%	46.3%	47.4	47.6	0.2	0.3%
47.5%	60.8	60.3	-0.5	-0.9%	47.5%	57.2	57.3	0.0	0.1%	47.5%	51.4	51.6	0.2	0.4%	47.5%	47.4	47.4	0.0	0.1%
48.8%	60.7	60.2	-0.5	-0.8%	48.8%	57.2	57.3	0.1	0.1%	48.8%	51.3	51.6	0.3	0.5%	48.8%	47.3	47.4	0.0	0.1%
50.0% 51.3%	60.6 60.6	60.2 60.1	-0.4 -0.5	-0.7% -0.8%	50.0% 51.3%	57.2 57.1	57.2 57.2	0.0 0.1	0.0%	50.0% 51.3%	51.3 51.3	51.5 51.4	0.2 0.1	0.4%	50.0% 51.3%	47.3 47.3	47.3 47.3	0.0	0.0% 0.1%
52.5%	60.6	60.0	-0.6	-1.0%	52.5%	57.1	57.2	0.1	0.1%	52.5%	51.3	51.3	0.1	0.1%	52.5%	47.3	47.3	0.0	0.0%
53.8%	60.6	59.8	-0.8	-1.3%	53.8%	57.0	57.1	0.1	0.2%	53.8%	51.2	51.3	0.1	0.2%	53.8%	47.2	47.3	0.1	0.1%
55.0%	60.4	59.7	-0.7	-1.1%	55.0%	57.0	57.1	0.1	0.1%	55.0%	51.2	51.3	0.1	0.2%	55.0%	47.2	47.3	0.1	0.1%
56.3% 57.5%	60.3 60.3	59.7 59.7	-0.6 -0.6	-1.0% -1.0%	56.3% 57.5%	57.0 57.0	57.0 57.0	0.0	0.1%	56.3% 57.5%	51.2 51.2	51.3 51.3	0.1	0.2%	56.3% 57.5%	47.2 47.2	47.3 47.3	0.1	0.1%
58.8%	60.0	59.5	-0.6	-0.7%	58.8%	56.8	57.0	0.0	0.1%	58.8%	51.1	51.3	0.1	0.3%	58.8%	47.2	47.2	0.0	0.1%
60.0%	59.9	59.5	-0.4	-0.7%	60.0%	56.8	56.9	0.2	0.3%	60.0%	51.1	51.2	0.1	0.2%	60.0%	47.1	47.2	0.0	0.1%
61.3%	59.8	59.5	-0.3	-0.5%	61.3%	56.8	56.8	0.1	0.1%	61.3%	51.1	51.1	0.0	0.0%	61.3%	47.1	47.1	0.0	0.0%
62.5% 63.8%	59.8 59.7	59.5 59.4	-0.3 -0.3	-0.4% -0.5%	62.5% 63.8%	56.8 56.7	56.8 56.8	0.1	0.1% 0.1%	62.5% 63.8%	51.0 50.9	51.0 51.0	0.1 0.0	0.1% 0.1%	62.5% 63.8%	47.0 47.0	47.1 47.0	0.0	0.1%
65.0%	59.7	59.4	-0.3	-0.5%	65.0%	56.7	56.8	0.0	0.1%	65.0%	50.9	50.9	0.0	0.1%	65.0%	47.0	47.0	0.0	0.0%
66.3%	59.7	59.4	-0.3	-0.5%	66.3%	56.7	56.7	0.0	0.1%	66.3%	50.9	50.8	0.0	-0.1%	66.3%	47.0	47.0	0.0	0.0%
67.5%	59.6	59.4	-0.2	-0.3%	67.5%	56.7	56.7	0.1	0.1%	67.5%	50.8	50.8	0.0	-0.1%	67.5%	47.0	47.0	0.0	-0.1%
68.8% 70.0%	59.6 59.6	59.4 59.4	-0.2 -0.2	-0.3% -0.3%	68.8% 70.0%	56.7 56.5	56.6 56.6	0.0	0.0%	68.8% 70.0%	50.7 50.7	50.7 50.7	0.0	0.0%	68.8% 70.0%	46.8 46.8	46.9 46.9	0.1 0.1	0.2%
70.0%	59.6 59.6	59.4 59.3	-0.2	-0.5%	70.0%	56.5 56.5	56.5	0.0	0.1%	70.0%	50.7	50.7	0.0	0.1%	70.0%	46.8 46.8	46.9 46.9	0.1	0.3%
72.5%	59.6	59.3	-0.3	-0.5%	72.5%	56.5	56.5	0.0	0.0%	72.5%	50.6	50.6	0.0	0.1%	72.5%	46.7	46.8	0.1	0.2%
73.8%	59.5	59.2	-0.2	-0.4%	73.8%	56.5	56.4	-0.1	-0.1%	73.8%	50.5	50.6	0.1	0.3%	73.8%	46.6	46.8	0.2	0.5%
75.0%	59.4	59.2	-0.2	-0.4%	75.0%	56.5	56.2	-0.3	-0.5%	75.0%	50.3	50.6	0.2	0.5%	75.0%	46.6	46.7	0.1	0.2%
76.3% 77.5%	59.4 59.4	59.2 59.2	-0.2 -0.2	-0.4% -0.3%	76.3% 77.5%	56.4 56.3	56.2 56.2	-0.3 -0.1	-0.5% -0.2%	76.3% 77.5%	50.3 50.3	50.5 50.4	0.1	0.3%	76.3% 77.5%	46.4 46.3	46.6 46.6	0.3	0.6%
78.8%	59.4	59.1	-0.2	-0.4%	78.8%	56.2	56.1	0.0	-0.1%	78.8%	50.3	50.3	0.1	0.2%	78.8%	46.3	46.5	0.2	0.5%
80.0%	59.4	59.1	-0.3	-0.5%	80.0%	56.1	56.1	0.0	-0.1%	80.0%	50.2	50.3	0.1	0.2%	80.0%	46.3	46.4	0.2	0.4%
81.3%	59.4	59.1	-0.3	-0.5%	81.3%	56.1	56.0	-0.1	-0.1%	81.3%	50.2	50.3	0.1	0.2%	81.3%	46.2	46.4	0.2	0.4%
82.5% 83.8%	59.2 59.2	59.1 59.0	-0.1 -0.1	-0.2% -0.2%	82.5% 83.8%	56.0 56.0	56.0 56.0	0.0	0.0%	82.5% 83.8%	50.1 50.0	50.3 50.2	0.2	0.3%	82.5% 83.8%	46.2 46.1	46.4 46.3	0.2	0.4% 0.4%
85.0%	59.2	59.0	0.0	-0.1%	85.0%	55.8	55.8	0.0	0.1%	85.0%	49.9	50.2	0.2	0.4%	85.0%	46.1	46.3	0.2	0.4%
86.3%	59.0	59.0	0.0	0.0%	86.3%	55.7	55.7	0.0	0.0%	86.3%	49.9	49.9	0.0	0.0%	86.3%	46.1	46.2	0.1	0.2%
87.5%	59.0	58.9	-0.1	-0.1%	87.5%	55.6	55.7	0.1	0.2%	87.5%	49.8	49.9	0.2	0.3%	87.5%	46.0	46.2	0.1	0.2%
88.8% 90.0%	58.9 58.8	58.9 58.8	0.0	-0.1%	88.8% 90.0%	55.6 55.5	55.6 55.6	0.0	0.1%	88.8% 90.0%	49.4 49.4	49.8 49.5	0.3	0.6%	88.8% 90.0%	46.0 45.9	46.0 46.0	0.0	0.1%
90.0% 91.3%	58.8 58.8	58.8 58.7	0.0	0.1% -0.1%	90.0%	55.5 55.5	55.6 55.5	0.1	0.2%	90.0% 91.3%	49.4 49.2	49.5 49.4	0.1	0.2%	90.0% 91.3%	45.9 45.8	46.0 45.8	0.1	0.1%
92.5%	58.7	58.6	-0.1	-0.1%	92.5%	55.4	55.4	-0.1	-0.1%	92.5%	49.2	49.4	0.2	0.3%	92.5%	45.8	45.7	-0.1	-0.2%
93.8%	58.5	58.6	0.1	0.2%	93.8%	55.4	55.3	-0.1	-0.2%	93.8%	49.2	49.4	0.2	0.3%	93.8%	45.4	45.6	0.2	0.4%
95.0%	58.4	58.6	0.2	0.3%	95.0%	55.3	55.3	0.0	-0.1%	95.0%	49.2	49.2	0.0	0.0%	95.0%	45.4	45.5	0.1	0.3%
96.3% 97.5%	58.3 58.1	58.4 58.0	0.1 -0.1	0.1%	96.3% 97.5%	55.0 54.1	55.0 54.0	0.0	0.1%	96.3% 97.5%	49.0 49.0	49.1 48.8	0.1 -0.1	0.1%	96.3% 97.5%	45.3 45.3	45.4 45.4	0.1	0.2%
97.5%	58.1 57.6	58.0 57.6	-0.1	-0.1%	97.5%	54.1	54.0 53.6	0.0	-0.1% 0.0%	97.5%	49.0 47.1	48.8 47.9	-0.1	-0.2% 1.7%	97.5%	45.3 45.2	45.4 45.3	0.1	0.2%
100.0%	57.3	57.3	0.0	0.0%	100.0%	53.2	53.2	0.0	-0.1%	100.0%	46.9	47.4	0.5	1.0%	100.0%	44.5	44.6	0.1	0.1%

Table SQ-39-1b American River below Nimbus Dam, Monthly Temperature Probability of Exceedance

								Amen		of Exceedance	perature								
Percent		February			Percent		March			Percent		April			Percent		May		
Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative
Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)
0.0%	51.0	50.8	-0.2	-0.4%	0.0%	54.1	55.3	1.2	2.1%	0.0%	59.8	60.5	0.7	1.2%	0.0%	65.4	64.8	-0.6	-0.8%
1.3% 2.5%	50.8 50.4	50.7 50.5	-0.1 0.1	-0.1% 0.1%	1.3% 2.5%	54.1 54.0	54.7 54.2	0.6	1.1% 0.3%	1.3% 2.5%	59.1 56.9	58.4 57.1	-0.7 0.3	-1.1% 0.5%	1.3% 2.5%	65.2 63.9	64.4 62.5	-0.8 -1.4	-1.2% -2.2%
3.8%	50.4	50.5	0.1	0.1%	3.8%	53.3	53.3	0.2	0.2%	3.8%	56.8	57.0	0.3	0.4%	3.8%	61.3	60.7	-0.6	-2.2%
5.0%	50.2	50.4	0.2	0.4%	5.0%	53.2	53.2	0.1	0.1%	5.0%	56.7	56.7	0.0	0.1%	5.0%	60.8	60.3	-0.5	-0.9%
6.3% 7.5%	50.2 50.1	50.3 50.3	0.1	0.2%	6.3% 7.5%	53.0 52.9	53.0 53.0	0.0	0.1%	6.3% 7.5%	56.4 56.1	56.3 56.1	-0.1 0.0	-0.1% -0.1%	6.3% 7.5%	60.6 59.7	60.0 59.8	-0.6 0.0	-1.0% 0.1%
8.8%	49.9	50.1	0.3	0.6%	8.8%	52.8	53.0	0.2	0.3%	8.8%	55.7	55.7	0.0	-0.1%	8.8%	59.5	59.2	-0.3	-0.5%
10.0% 11.3%	49.8 49.7	50.1 50.0	0.3	0.5% 0.5%	10.0% 11.3%	52.4 52.3	52.7 52.5	0.2 0.1	0.4%	10.0% 11.3%	55.5 55.3	55.6 55.5	0.2	0.3%	10.0% 11.3%	59.4 59.3	59.0 58.9	-0.4 -0.4	-0.6%
12.5%	49.7	49.9	0.3	0.4%	12.5%	52.3	52.5	0.1	0.3%	12.5%	55.3	55.3	0.2	0.4%	12.5%	58.6	58.7	0.2	-0.6% 0.3%
13.8%	49.7	49.9	0.2	0.4%	13.8%	52.3	52.3	0.0	0.1%	13.8%	55.3	55.3	0.0	0.0%	13.8%	58.5	58.6	0.1	0.2%
15.0% 16.3%	49.7 49.6	49.9 49.9	0.3	0.5%	15.0% 16.3%	52.2 52.1	52.2 52.1	0.0	0.1%	15.0% 16.3%	55.3 55.2	55.3 55.3	0.1 0.1	0.1% 0.1%	15.0% 16.3%	58.3 58.1	58.5 58.4	0.3 0.2	0.5% 0.4%
17.5%	49.6	49.8	0.2	0.5%	17.5%	52.0	52.0	0.0	0.1%	17.5%	55.2	55.3	0.1	0.2%	17.5%	58.1	58.2	0.1	0.4%
18.8%	49.6	49.8	0.2	0.4%	18.8%	51.9	52.0	0.0	0.1%	18.8%	55.1	55.3	0.2	0.3%	18.8%	57.9	58.1	0.2	0.3%
20.0% 21.3%	49.5 49.2	49.7 49.5	0.2	0.4%	20.0% 21.3%	51.9 51.8	51.9 51.8	0.0	-0.1% 0.1%	20.0% 21.3%	55.0 54.9	55.2 55.1	0.2	0.4%	20.0% 21.3%	57.8 57.8	58.0 57.8	0.1	0.2%
22.5%	49.2	49.3	0.1	0.2%	22.5%	51.8	51.7	0.0	0.0%	22.5%	54.8	55.1	0.3	0.6%	22.5%	57.4	57.8	0.5	0.8%
23.8% 25.0%	49.2 49.2	49.2 49.2	0.0	0.1%	23.8% 25.0%	51.7 51.6	51.7 51.7	0.0	0.0%	23.8% 25.0%	54.7 54.7	55.0 55.0	0.3	0.6%	23.8% 25.0%	57.3 57.2	57.3 57.3	0.0	0.0%
26.3%	49.1	49.2	0.1	0.2%	26.3%	51.6	51.7	0.1	0.1%	26.3%	54.7	55.0	0.4	0.7%	26.3%	57.1	57.3 57.2	0.0	0.1%
27.5%	49.1	49.1	0.0	0.1%	27.5%	51.5	51.7	0.1	0.3%	27.5%	54.5	54.9	0.4	0.7%	27.5%	57.1	57.1	0.0	0.0%
28.8%	49.1 49.0	49.1 49.0	0.0	0.1%	28.8%	51.5 51.4	51.6 51.5	0.2	0.3%	28.8%	54.4 54.3	54.7 54.6	0.3	0.6%	28.8%	57.1 57.0	57.0 57.0	-0.1 -0.1	-0.1% -0.1%
31.3%	49.0	48.9	0.0	-0.1%	31.3%	51.4	51.4	0.1	0.2%	31.3%	54.3	54.6 54.6	0.3	0.4%	31.3%	56.9	56.7	-0.1	-0.1%
32.5%	48.9	48.9	0.0	0.0%	32.5%	51.3	51.3	0.0	0.1%	32.5%	54.3	54.4	0.1	0.2%	32.5%	56.8	56.7	-0.1	-0.2%
33.8% 35.0%	48.9 48.8	48.9 48.8	0.0	0.0%	33.8% 35.0%	51.3 51.2	51.3 51.3	0.1	0.2% 0.2%	33.8% 35.0%	54.2 54.2	54.3 54.3	0.1	0.2%	33.8% 35.0%	56.8 56.6	56.7 56.6	-0.1 0.0	-0.2% 0.0%
36.3%	48.7	48.8	0.0	0.2%	36.3%	51.2	51.3	0.1	0.2%	36.3%	54.2	54.2	0.0	0.1%	36.3%	56.4	56.5	0.0	0.0%
37.5%	48.6	48.8	0.1	0.3%	37.5%	51.2	51.2	0.0	-0.1%	37.5%	53.9	54.2	0.4	0.7%	37.5%	56.3	56.3	-0.1	-0.1%
38.8% 40.0%	48.6 48.6	48.7 48.6	0.0	0.0%	38.8% 40.0%	51.2 51.2	51.2 51.1	0.0 -0.1	-0.1% -0.1%	38.8% 40.0%	53.8 53.8	54.0 54.0	0.2	0.4%	38.8% 40.0%	56.2 55.7	55.6 55.5	-0.6 -0.2	-1.1% -0.3%
41.3%	48.6	48.6	0.0	-0.1%	41.3%	51.0	51.1	0.1	0.2%	41.3%	53.7	53.9	0.2	0.3%	41.3%	55.3	55.4	0.0	0.1%
42.5%	48.5	48.5	0.0	-0.1%	42.5%	51.0	51.0	0.1	0.2%	42.5%	53.5	53.8	0.3	0.5%	42.5%	55.2	55.4	0.2	0.4%
43.8% 45.0%	48.5 48.5	48.5 48.5	0.0	0.0%	43.8% 45.0%	50.9 50.9	51.0 50.9	0.1	0.2%	43.8% 45.0%	53.5 53.5	53.8 53.6	0.3 0.1	0.5%	43.8% 45.0%	55.1 55.1	55.3 55.2	0.2	0.3%
46.3%	48.4	48.5	0.0	0.1%	46.3%	50.8	50.9	0.1	0.2%	46.3%	53.5	53.6	0.1	0.2%	46.3%	55.0	55.1	0.1	0.1%
47.5%	48.4	48.4	0.0	0.1%	47.5%	50.7	50.9	0.1	0.3%	47.5%	53.5	53.6	0.1	0.2%	47.5%	55.0	55.1	0.1	0.1%
48.8% 50.0%	48.4 48.4	48.4 48.4	0.0	0.0%	48.8% 50.0%	50.6 50.6	50.8 50.7	0.2	0.4%	48.8% 50.0%	53.4 53.4	53.6 53.5	0.1	0.3%	48.8% 50.0%	54.9 54.8	55.1 55.0	0.2	0.4%
51.3%	48.4	48.3	0.0	-0.1%	51.3%	50.6	50.7	0.1	0.2%	51.3%	53.4	53.4	0.0	0.1%	51.3%	54.8	54.8	0.0	0.0%
52.5% 53.8%	48.3 48.3	48.3 48.2	0.0 -0.1	-0.1% -0.3%	52.5% 53.8%	50.6 50.5	50.7 50.6	0.1 0.2	0.2%	52.5% 53.8%	53.3 53.3	53.4 53.4	0.1 0.1	0.2%	52.5% 53.8%	54.7 54.7	54.8 54.8	0.1	0.2%
55.0%	48.3	48.1	-0.1	-0.3%	55.0%	50.4	50.5	0.2	0.2%	55.0%	53.2	53.3	0.1	0.1%	55.0%	54.7	54.8	0.1	0.1%
56.3%	48.2	48.1	-0.1	-0.2%	56.3%	50.4	50.4	0.1	0.1%	56.3%	53.2	53.2	0.0	0.0%	56.3%	54.6	54.7	0.1	0.1%
57.5% 58.8%	48.1 48.0	48.1 48.0	0.0	0.0%	57.5% 58.8%	50.3 50.3	50.4 50.4	0.1	0.2% 0.2%	57.5% 58.8%	53.1 53.1	53.2 53.2	0.1	0.2%	57.5% 58.8%	54.5 54.4	54.7 54.6	0.1	0.2%
60.0%	48.0	47.9	-0.1	-0.2%	60.0%	50.3	50.3	0.0	0.1%	60.0%	53.0	53.2	0.1	0.3%	60.0%	54.4	54.6	0.2	0.4%
61.3%	48.0	47.9	-0.1	-0.1%	61.3%	50.2	50.2	0.0	0.0%	61.3%	53.0	53.1	0.1	0.2%	61.3%	54.2	54.4	0.1	0.3%
62.5% 63.8%	48.0 47.9	47.8 47.8	-0.1 -0.1	-0.2% -0.2%	62.5% 63.8%	50.2 50.2	50.2 50.2	0.0	-0.1% 0.0%	62.5% 63.8%	52.9 52.8	53.0 52.9	0.1 0.1	0.2% 0.2%	62.5% 63.8%	54.1 54.1	54.3 54.2	0.2 0.1	0.4%
65.0%	47.7	47.7	0.0	0.0%	65.0%	50.1	50.2	0.0	0.1%	65.0%	52.8	52.9	0.1	0.1%	65.0%	54.0	54.2	0.2	0.4%
66.3% 67.5%	47.5 47.5	47.6 47.5	0.0	0.1%	66.3% 67.5%	50.1 50.0	50.1 50.1	0.1	0.1%	66.3% 67.5%	52.8 52.7	52.9 52.7	0.1	0.1%	66.3% 67.5%	54.0 54.0	54.1 54.1	0.1	0.2%
68.8%	47.5 47.5	47.5 47.5	0.0	0.0%	68.8%	49.9	50.1	0.1	0.1%	68.8%	52.7	52.7	0.0	0.1%	68.8%	53.8	54.1	0.1	0.5%
70.0%	47.4	47.5	0.1	0.2%	70.0%	49.9	50.0	0.1	0.2%	70.0%	52.7	52.7	0.0	0.1%	70.0%	53.8	54.1	0.3	0.5%
71.3% 72.5%	47.4 47.3	47.5 47.4	0.0	0.1%	71.3% 72.5%	49.7 49.7	50.0 49.9	0.3	0.6%	71.3% 72.5%	52.6 52.5	52.7 52.7	0.1	0.2%	71.3% 72.5%	53.7 53.7	54.0 54.0	0.3	0.6% 0.7%
73.8%	47.3 47.3	47.4 47.3	0.1	0.1%	73.8%	49.7	49.9	0.2	0.4%	73.8%	52.5 52.5	52.7 52.6	0.1	0.2%	73.8%	53.7	54.0 54.0	0.4	0.7%
75.0%	47.3	47.3	0.0	0.0%	75.0%	49.7	49.8	0.1	0.2%	75.0%	52.5	52.5	0.1	0.1%	75.0%	53.6	53.8	0.2	0.3%
76.3% 77.5%	47.3 47.1	47.3 47.2	0.0 0.1	0.0%	76.3% 77.5%	49.6 49.5	49.6 49.6	0.0	0.1%	76.3% 77.5%	52.3 52.3	52.5 52.4	0.1 0.2	0.2%	76.3% 77.5%	53.6 53.5	53.7 53.7	0.2 0.1	0.3% 0.2%
78.8%	47.1	47.1	0.0	0.0%	78.8%	49.5	49.6	0.0	0.1%	78.8%	52.3	52.3	0.2	0.1%	78.8%	53.5	53.6	0.1	0.1%
80.0%	47.0	47.0	0.0	0.0%	80.0%	49.5	49.6	0.0	0.1%	80.0%	52.2	52.3	0.1	0.2%	80.0%	53.5	53.6	0.1	0.1%
81.3% 82.5%	47.0 46.8	47.0 46.8	0.0	0.0%	81.3% 82.5%	49.5 49.4	49.3 49.3	-0.1 -0.1	-0.3% -0.2%	81.3% 82.5%	52.2 52.2	52.2 52.1	0.0 -0.1	0.0% -0.2%	81.3% 82.5%	53.5 53.4	53.5 53.4	0.1	0.2%
83.8%	46.8	46.8	0.1	0.1%	83.8%	49.2	49.2	0.0	0.1%	83.8%	52.1	52.1	0.0	0.0%	83.8%	53.4	53.4	0.0	0.0%
85.0% 86.3%	46.7 46.7	46.7 46.7	0.0	0.1%	85.0% 86.3%	49.1 49.1	49.2 49.1	0.1	0.1% -0.1%	85.0% 86.3%	52.0 51.8	51.8 51.8	-0.2 -0.1	-0.4% -0.1%	85.0% 86.3%	53.3 53.2	53.4 53.4	0.2 0.2	0.3%
86.3% 87.5%	46.7	46.7	0.0	0.0%	86.3% 87.5%	49.1 49.1	49.1 49.0	-0.1	-0.1% -0.1%	86.3% 87.5%	51.8 51.8	51.8	-0.1	-0.1%	86.3% 87.5%	53.2	53.4	0.2	0.3%
88.8%	46.4	46.5	0.1	0.3%	88.8%	49.1	49.0	-0.1	-0.2%	88.8%	51.7	51.6	0.0	-0.1%	88.8%	52.9	52.9	0.0	0.1%
90.0%	46.3	46.3	0.0	0.0%	90.0%	49.0	48.8	-0.2	-0.4%	90.0%	51.6	51.6	0.0	0.0%	90.0%	52.8	52.8	0.0	-0.1%
91.3% 92.5%	46.3 46.1	46.3 46.2	0.1	0.1%	91.3% 92.5%	48.8 48.8	48.7 48.6	-0.2 -0.2	-0.3% -0.3%	91.3% 92.5%	51.5 51.4	51.4 51.4	-0.1 0.0	-0.2% -0.1%	91.3% 92.5%	52.8 52.7	52.7 52.6	0.0 -0.1	-0.1% -0.2%
93.8%	46.0	46.1	0.1	0.2%	93.8%	48.7	48.5	-0.3	-0.5%	93.8%	51.3	51.4	0.1	0.2%	93.8%	52.6	52.6	0.0	0.1%
95.0% 96.3%	45.8 45.8	45.8 45.5	0.0 -0.4	0.0%	95.0% 96.3%	48.5 48.3	48.4 48.4	0.0	0.0%	95.0% 96.3%	51.2 51.2	51.2 50.9	0.0 -0.3	0.0% -0.5%	95.0% 96.3%	52.5 52.3	52.5 52.2	-0.1 -0.1	-0.2% -0.2%
97.5%	45.5	45.4	-0.4	-0.8%	97.5%	48.3	48.3	0.0	0.0%	97.5%	51.0	50.8	-0.3	-0.5%	97.5%	52.3	52.1	-0.1	-0.2%
98.8%	45.2	45.3	0.1	0.2%	98.8%	48.2	48.3	0.1	0.00/	00.00/	50.9	E0.7	-0.3	-0.5%	98.8%	52.1	51.5	-0.6	-1.2%
100.0%	45.1	45.2	0.1	0.2%	100.0%	48.0	48.0	0.0	0.2%	98.8% 100.0%	50.9	50.7 50.5	-0.3	-0.2%	100.0%	51.4	51.3	-0.0	-0.3%

Table SQ-39-1b American River below Nimbus Dam, Monthly Temperature Probability of Exceedance

								741101	Probability	of Exceedance	Jordano								
Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance Probability	No Action Alternative Monthly Temperature	Alternative A Monthly Temperature	Absolute Difference	Relative Difference (%)	Exceedance Probability	No Action Alternative Monthly Temperature	Alternative A Monthly Temperature	Absolute Difference	Relative Difference (%)	Exceedance Probability	No Action Alternative Monthly Temperature	Alternative A Monthly Temperature	Absolute Difference	Relative Difference (%)	Exceedance Probability	No Action Alternative Monthly Temperature	Alternative A Monthly Temperature	Absolute Difference	Relative Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	69.5	69.5	-0.1	-0.1%	0.0%	76.1	78.4	2.3	3.1%	0.0%	76.7	75.6	-1.1	-1.5%	0.0%	72.5	72.0	-0.5	-0.7%
1.3%	67.8 67.2	68.2 68.0	0.4	0.6%	1.3%	69.5 69.2	70.1 70.1	0.7	1.0%	1.3%	72.8 71.4	70.4 70.0	-2.4 -1.4	-3.3% -2.0%	1.3%	71.5 70.8	71.4 69.0	0.0 -1.8	0.0% -2.6%
3.8%	66.0	66.6	0.5	0.8%	3.8%	67.8	68.6	0.9	1.3%	3.8%	68.7	68.2	-0.5	-0.8%	3.8%	68.7	68.4	-0.3	-0.4%
5.0%	64.6	63.1	-1.4	-2.2%	5.0%	67.5	65.8	-1.7	-2.5%	5.0%	68.3	66.7	-1.6	-2.3%	5.0%	67.5	68.4	0.9	1.3%
6.3% 7.5%	62.8 62.4	62.0 61.7	-0.8 -0.7	-1.3% -1.2%	6.3% 7.5%	66.7 65.5	65.6 65.3	-1.0 -0.2	-1.6% -0.3%	6.3% 7.5%	67.8 65.7	66.7 66.6	-1.2 0.9	-1.7% 1.4%	6.3% 7.5%	67.4 66.4	66.3 66.1	-1.1 -0.4	-1.6% -0.5%
8.8%	62.0	61.3	-0.7	-1.1%	8.8%	64.2	65.1	0.8	1.3%	8.8%	65.5	65.8	0.3	0.5%	8.8%	66.3	65.1	-1.2	-1.8%
10.0%	61.7	61.1	-0.5	-0.9%	10.0%	63.9	64.9	1.1	1.7%	10.0%	65.2	65.4	0.2	0.2%	10.0%	66.2	65.1	-1.2	-1.8%
11.3% 12.5%	61.2 61.0	61.0 60.8	-0.2	-0.3% -0.3%	11.3%	63.9 63.8	64.0 63.8	0.2	0.3%	11.3% 12.5%	65.0 64.2	64.3 64.1	-0.7	-1.0% -0.1%	11.3% 12.5%	65.5 65.0	65.0 64.9	-0.4	-0.7%
13.8%	61.0	60.8	-0.2 -0.2	-0.4%	12.5% 13.8%	63.6	63.8	0.1	0.3%	13.8%	64.0	63.9	-0.1 -0.1	-0.1%	13.8%	64.9	64.8	-0.1 -0.1	-0.1% -0.2%
15.0%	60.9	60.8	-0.1	-0.2%	15.0%	63.3	63.4	0.2	0.2%	15.0%	63.9	63.7	-0.2	-0.3%	15.0%	64.6	64.6	0.1	0.1%
16.3%	60.8	60.8	0.0	0.0%	16.3%	63.1	63.1	0.0	0.0%	16.3%	63.8	63.6	-0.2	-0.3%	16.3%	64.2	64.5	0.3	0.5%
17.5% 18.8%	60.7 60.7	60.7 60.7	0.0 -0.1	0.0% -0.1%	17.5% 18.8%	63.0 63.0	63.0 62.8	0.0 -0.2	0.1% -0.3%	17.5% 18.8%	63.8 63.6	63.4 63.4	-0.4 -0.2	-0.6% -0.4%	17.5% 18.8%	63.3 63.3	64.0 63.8	0.7 0.5	1.1% 0.9%
20.0%	60.6	60.6	0.0	0.1%	20.0%	62.7	62.5	-0.2	-0.3%	20.0%	63.4	63.4	0.0	0.0%	20.0%	63.1	63.2	0.1	0.2%
21.3%	60.6	60.6	0.0	0.0%	21.3%	62.4	62.1	-0.3	-0.5%	21.3%	63.3	63.3	0.0	0.0%	21.3%	63.0	63.2	0.2	0.3%
22.5%	60.5 60.3	60.4	0.0	-0.1%	22.5% 23.8%	62.2	61.9	-0.3	-0.5%	22.5%	63.1 63.0	63.3	0.2	0.3%	22.5%	63.0 62.8	62.9 62.9	-0.1 0.1	-0.1%
23.8%	60.3	60.4	0.0	0.0%	25.0%	61.9 61.9	61.8 61.7	-0.1 -0.2	-0.1% -0.3%	23.8%	63.0	63.3 62.9	-0.1	-0.1%	23.8% 25.0%	62.8	62.9	-0.2	0.1%
26.3%	60.2	60.2	0.1	0.1%	26.3%	61.7	61.5	-0.1	-0.2%	26.3%	62.9	62.8	-0.1	-0.2%	26.3%	62.7	62.5	-0.2	-0.4%
27.5%	60.0	59.8	-0.3	-0.4%	27.5%	61.7	61.5	-0.2	-0.3%	27.5%	62.7	62.8	0.0	0.1%	27.5%	62.6	62.5	-0.1	-0.2%
28.8% 30.0%	59.7 59.6	59.7 59.6	0.1	0.1% 0.1%	28.8% 30.0%	61.6 61.5	61.5 61.4	-0.1 -0.1	-0.1% -0.2%	28.8% 30.0%	62.7 62.7	62.6 62.5	-0.1 -0.1	-0.2% -0.2%	28.8% 30.0%	62.5 62.4	62.5 62.4	0.0	0.0% -0.1%
31.3%	59.4	59.6	0.1	0.1%	31.3%	61.5	61.3	-0.1	-0.2%	31.3%	62.6	62.5	-0.1	-0.4%	31.3%	62.3	62.4	0.0	0.1%
32.5%	59.4	59.5	0.1	0.2%	32.5%	61.4	61.3	-0.1	-0.2%	32.5%	62.4	62.4	0.0	0.0%	32.5%	62.3	62.4	0.0	0.1%
33.8%	59.0	59.1	0.1	0.1%	33.8%	61.4	61.3	-0.1	-0.1%	33.8%	62.4	62.4	0.0	0.0%	33.8%	62.2	62.4	0.1	0.2%
35.0% 36.3%	58.9 58.8	58.9 58.6	0.0 -0.1	-0.1% -0.2%	35.0% 36.3%	61.4 61.4	61.3 61.3	-0.1 -0.1	-0.1% -0.1%	35.0% 36.3%	62.3 62.3	62.3 62.3	0.0	0.0%	35.0% 36.3%	62.2 62.1	62.3 62.3	0.2	0.3%
37.5%	58.5	58.5	0.0	0.0%	37.5%	61.3	61.3	0.0	-0.1%	37.5%	62.1	62.3	0.0	0.3%	37.5%	62.1	62.3	0.2	0.3%
38.8%	58.5	58.4	-0.1	-0.1%	38.8%	61.3	61.0	-0.3	-0.5%	38.8%	62.1	62.2	0.1	0.1%	38.8%	62.1	62.3	0.2	0.3%
40.0%	58.3 58.3	58.2 58.1	-0.2	-0.3%	40.0%	61.3	61.0	-0.3	-0.5% -0.6%	40.0%	62.0 62.0	62.2 62.1	0.2	0.3%	40.0%	62.1 61.9	62.2 62.1	0.2	0.3%
41.3% 42.5%	58.3	58.1	-0.2 -0.1	-0.3% -0.2%	41.3% 42.5%	61.3 61.2	60.9 60.9	-0.4 -0.3	-0.6%	41.3% 42.5%	61.9	62.1	0.2	0.3%	41.3% 42.5%	61.9	62.1	0.2 0.2	0.3%
43.8%	57.9	57.9	0.0	-0.1%	43.8%	61.2	60.8	-0.3	-0.6%	43.8%	61.9	62.1	0.2	0.3%	43.8%	61.9	62.0	0.2	0.3%
45.0%	57.6	57.9	0.3	0.4%	45.0%	61.1	60.8	-0.3	-0.5%	45.0%	61.9	62.0	0.1	0.2%	45.0%	61.8	61.9	0.1	0.1%
46.3% 47.5%	57.5 57.4	57.6 57.6	0.2	0.3%	46.3% 47.5%	61.0 61.0	60.7 60.6	-0.3 -0.4	-0.6% -0.7%	46.3% 47.5%	61.9 61.8	61.9 61.9	0.0	0.1%	46.3% 47.5%	61.8 61.7	61.9 61.9	0.1	0.1%
47.5%	57.4 57.3	57.6 57.6	0.2	0.5%	48.8%	61.0	60.5	-0.4	-0.7%	47.5% 48.8%	61.8	61.9	0.1	0.1%	47.5%	61.7	61.9	0.1	0.2%
50.0%	57.3	57.5	0.2	0.3%	50.0%	61.0	60.5	-0.4	-0.7%	50.0%	61.8	61.7	-0.1	-0.2%	50.0%	61.7	61.8	0.1	0.1%
51.3%	57.3	57.5	0.2	0.3%	51.3%	60.9	60.5	-0.4	-0.6%	51.3%	61.8	61.6	-0.1	-0.2%	51.3%	61.7	61.7	0.1	0.1%
52.5% 53.8%	57.3 57.2	57.5 57.4	0.2	0.4%	52.5% 53.8%	60.8 60.6	60.5 60.5	-0.3 -0.1	-0.5% -0.2%	52.5% 53.8%	61.8 61.5	61.6 61.6	-0.2 0.0	-0.3% 0.0%	52.5% 53.8%	61.6 61.5	61.7 61.6	0.1 0.1	0.1% 0.2%
55.0%	57.2	57.4	0.2	0.3%	55.0%	60.5	60.4	-0.1	-0.2%	55.0%	61.5	61.6	0.0	0.0%	55.0%	61.5	61.6	0.1	0.2%
56.3%	57.2	57.3	0.2	0.3%	56.3%	60.3	60.4	0.1	0.1%	56.3%	61.4	61.6	0.1	0.2%	56.3%	61.5	61.5	0.0	0.0%
57.5%	57.1	57.2	0.1	0.2%	57.5%	60.3	60.3	0.0	0.0%	57.5%	61.4	61.4	0.0	0.0%	57.5%	61.5	61.4	-0.1	-0.1%
58.8% 60.0%	57.1 57.0	57.2 57.2	0.1	0.2%	58.8% 60.0%	60.3 60.2	60.3 60.2	0.0	0.0%	58.8% 60.0%	61.3 61.3	61.3 61.2	-0.1 -0.1	-0.1% -0.2%	58.8% 60.0%	61.5 61.4	61.3 61.3	-0.2 -0.1	-0.3% -0.2%
61.3%	57.0	57.2	0.2	0.3%	61.3%	60.1	60.2	0.1	0.2%	61.3%	61.3	61.1	-0.2	-0.3%	61.3%	61.4	61.2	-0.2	-0.4%
62.5%	57.0	57.2	0.2	0.3%	62.5%	60.0	60.2	0.1	0.2%	62.5%	61.2	60.9	-0.3	-0.5%	62.5%	61.2	61.2	0.0	-0.1%
63.8% 65.0%	56.8 56.8	57.1 57.0	0.3	0.4%	63.8% 65.0%	60.0 60.0	60.1 60.1	0.1 0.1	0.2%	63.8% 65.0%	61.2 61.2	60.9 60.8	-0.3 -0.3	-0.5% -0.6%	63.8% 65.0%	61.1 61.0	61.0 61.0	-0.1 -0.1	-0.1% -0.2%
66.3%	56.8	57.0	0.2	0.5%	66.3%	59.9	60.0	0.1	0.1%	66.3%	61.1	60.8	-0.3	-0.6%	66.3%	60.9	60.9	0.0	0.0%
67.5%	56.7	57.0	0.3	0.5%	67.5%	59.9	60.0	0.1	0.1%	67.5%	61.1	60.8	-0.3	-0.6%	67.5%	60.7	60.8	0.1	0.1%
68.8% 70.0%	56.7 56.6	56.9 56.9	0.2	0.4%	68.8% 70.0%	59.9 59.9	60.0 59.9	0.1	0.1% 0.1%	68.8% 70.0%	61.1 60.9	60.7 60.7	-0.4 -0.3	-0.6% -0.4%	68.8% 70.0%	60.7 60.7	60.8 60.7	0.1	0.2%
70.0%	56.6	56.9	0.3	0.4%	70.0%	59.9 59.8	59.9 59.9	0.0	0.1%	70.0%	60.8	60.6	-0.3	-0.4%	70.0%	60.6	60.6	0.0	-0.1%
72.5%	56.5	56.7	0.1	0.2%	72.5%	59.8	59.8	0.0	0.1%	72.5%	60.7	60.6	0.0	-0.1%	72.5%	60.6	60.5	-0.1	-0.2%
73.8%	56.4	56.7	0.3	0.5%	73.8%	59.7	59.8	0.1	0.1%	73.8%	60.7	60.6	-0.1	-0.1%	73.8%	60.6	60.4	-0.2	-0.3%
75.0% 76.3%	56.3 56.2	56.5 56.3	0.3	0.5% 0.2%	75.0% 76.3%	59.7 59.7	59.8 59.6	0.1 -0.1	0.1%	75.0% 76.3%	60.6 60.6	60.5 60.3	-0.1 -0.3	-0.2% -0.4%	75.0% 76.3%	60.6 60.6	60.4 60.3	-0.2 -0.3	-0.3% -0.5%
76.3%	56.2 56.1	56.3	0.1	0.2%	76.3% 77.5%	59.7 59.6	59.6 59.6	-0.1	-0.2%	76.3% 77.5%	60.6	60.3	-0.3	-0.4%	76.3% 77.5%	60.5	60.3	-0.3	-0.5%
78.8%	56.1	56.3	0.2	0.3%	78.8%	59.4	59.4	0.0	0.0%	78.8%	60.5	60.2	-0.3	-0.4%	78.8%	60.3	60.2	-0.1	-0.2%
80.0%	56.0	56.2	0.2	0.3%	80.0%	59.3	59.3	0.0	0.0%	80.0%	60.4	60.0	-0.4	-0.7%	80.0%	60.3	60.2	-0.1	-0.2%
81.3% 82.5%	55.9 55.9	56.0 56.0	0.0	0.1% 0.1%	81.3% 82.5%	59.3 59.3	59.3 59.2	-0.1 -0.1	-0.2% -0.2%	81.3% 82.5%	60.2 60.1	60.0 59.9	-0.3 -0.2	-0.4% -0.3%	81.3% 82.5%	60.3 60.2	60.2 60.1	-0.1 -0.1	-0.2% -0.1%
83.8%	55.9	56.0	0.1	0.1%	83.8%	59.3	59.2	-0.1	-0.2%	83.8%	60.0	59.9	-0.1	-0.2%	83.8%	60.2	60.0	-0.2	-0.1%
85.0%	55.8	55.9	0.0	0.1%	85.0%	59.2	59.1	-0.1	-0.2%	85.0%	59.9	59.9	0.0	0.0%	85.0%	60.1	59.9	-0.2	-0.3%
86.3%	55.8	55.8	0.1	0.2%	86.3%	59.1	59.1	0.0	-0.1%	86.3%	59.8	59.8	0.0	0.0%	86.3%	60.0	59.8	-0.2	-0.3%
87.5% 88.8%	55.7 55.6	55.7 55.7	0.0	0.0%	87.5% 88.8%	59.1 59.0	59.0 59.0	-0.1 -0.1	-0.1% -0.1%	87.5% 88.8%	59.8 59.6	59.8 59.8	0.0	0.0%	87.5% 88.8%	60.0 60.0	59.8 59.8	-0.2 -0.3	-0.4% -0.4%
90.0%	55.5	55.6	0.1	0.1%	90.0%	59.0	58.9	-0.1	-0.1%	90.0%	59.5	59.8	0.2	0.4%	90.0%	60.0	59.7	-0.3	-0.4%
91.3%	55.5	55.5	0.0	0.0%	91.3%	59.0	58.9	-0.1	-0.1%	91.3%	59.5	59.8	0.3	0.4%	91.3%	59.7	59.7	-0.1	-0.1%
92.5%	55.4	55.4	0.0	0.0%	92.5%	58.7	58.6	-0.1	-0.2%	92.5%	59.5	59.7	0.2	0.4%	92.5%	59.7	59.6	-0.1	-0.2%
93.8% 95.0%	55.2 55.1	55.1 55.1	0.0	-0.1% 0.0%	93.8% 95.0%	58.6 58.4	58.5 58.3	0.0 -0.1	-0.1% -0.1%	93.8% 95.0%	59.4 59.2	59.7 59.7	0.3	0.5%	93.8% 95.0%	59.5 59.4	59.4 59.3	0.0 -0.1	-0.1% -0.2%
96.3%	54.6	54.6	0.0	0.0%	96.3%	57.7	57.7	0.0	-0.1%	96.3%	58.9	59.7	0.8	1.3%	96.3%	59.4	59.3	-0.1	-0.2%
97.5%	54.2	54.0	-0.2	-0.4%	97.5%	57.5	57.6	0.0	0.1%	97.5%	58.8	59.6	0.8	1.4%	97.5%	59.4	58.9	-0.5	-0.8%
98.8%	54.1	53.9	-0.2	-0.3%	98.8%	56.8	56.8	-0.1	-0.1%	98.8%	58.8	59.6	0.9	1.4%	98.8%	58.9	58.8	0.0	-0.1%
100.0%	53.6	53.9	0.3	0.5%	100.0%	56.3	56.6	0.3	0.6%	100.0%	58.7	59.4	0.7	1.2%	100.0%	58.0	58.1	0.2	0.3%

Table SQ-40-1a American River at Watt Avenue, Monthly Temperature

		Long-	term Aver	age and A	verage by	/ Water Ye	ear Type					
					Mon	thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lon	ıg-term							
Full Simulation Period ¹												
No Action Alternative	61.4	56.0	50.7	47.5	48.9	52.6	56.0	58.6	61.6	64.4	65.7	64.9
Alternative A	61.0	55.7	50.4	47.5	49.0	52.9	56.3	58.7	61.8	64.6	65.4	64.8
Difference	-0.5	-0.3	-0.3	-0.1	0.2	0.3	0.2	0.1	0.2	0.2	-0.3	-0.1
Percent Difference ³	-0.8%	-0.6%	-0.6%	-0.1%	0.3%	0.5%	0.4%	0.2%	0.4%	0.4%	-0.4%	-0.29
				Water Y	ear Types	2						
Wet (32%)												
No Action Alternative	60.1	56.1	51.4	47.8	48.6	51.4	54.4	55.8	58.6	62.6	63.7	63.1
Alternative A	59.7	56.1	51.2	47.8	48.6	51.5	54.3	55.7	58.7	62.7	63.7	63.3
Difference	-0.4	-0.1	-0.2	0.0	0.0	0.1	0.0	0.0	0.1	0.2	0.0	0.1
Percent Difference	-0.6%	-0.2%	-0.4%	0.0%	0.1%	0.2%	-0.1%	-0.1%	0.1%	0.3%	0.0%	0.29
Above Normal (15%)												
No Action Alternative	60.2	55.5	50.5	47.8	48.4	51.6	55.1	57.4	60.4	63.2	64.4	63.5
Alternative A	59.8	55.4	50.4	47.7	48.5	52.0	55.4	57.6	60.9	63.5	64.2	63.6
Difference	-0.5	-0.1	-0.1	-0.1	0.1	0.4	0.3	0.2	0.4	0.3	-0.2	0.1
Percent Difference	-0.8%	-0.1%	-0.2%	-0.1%	0.2%	0.8%	0.6%	0.4%	0.7%	0.5%	-0.3%	0.19
Below Normal (17%)												
No Action Alternative	60.8	56.2	51.1	47.3	48.3	52.6	56.1	58.3	61.3	63.5	64.9	64.1
Alternative A	60.7	56.0	50.9	47.2	48.4	52.9	56.2	58.4	61.6	63.8	64.5	63.9
Difference	-0.1	-0.2	-0.2	-0.2	0.1	0.3	0.1	0.1	0.4	0.3	-0.4	-0.2
Percent Difference	-0.1%	-0.3%	-0.4%	-0.4%	0.2%	0.6%	0.1%	0.2%	0.6%	0.5%	-0.6%	-0.49
Dry (22%)												
No Action Alternative	62.6	55.9	50.4	47.4	49.5	53.4	57.1	60.5	63.0	64.9	66.2	65.6
Alternative A	61.7	55.4	50.2	47.3	49.6	53.5	57.5	60.8	63.3	64.8	66.0	65.3
Difference	-0.9	-0.4	-0.2	-0.1	0.1	0.1	0.3	0.3	0.3	0.0	-0.3	-0.2
Percent Difference	-1.4%	-0.8%	-0.5%	-0.3%	0.3%	0.3%	0.6%	0.5%	0.5%	0.0%	-0.4%	-0.49
Critical (15%)												
No Action Alternative	64.6	56.0	49.0	47.2	49.9	54.9	58.9	63.7	67.2	69.7	71.4	70.0
Alternative A	63.9	55.0	48.2	47.2	50.5	55.6	59.6	63.7	67.3	70.3	70.6	69.4
Difference	-0.7	-1.0	-0.8	0.0	0.5	0.7	0.7	0.0	0.1	0.6	-0.8	-0.5
Percent Difference	-1.1%	-1.8%	-1.6%	-0.1%	1.1%	1.2%	1.2%	0.0%	0.1%	0.8%	-1.1%	-0.79

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

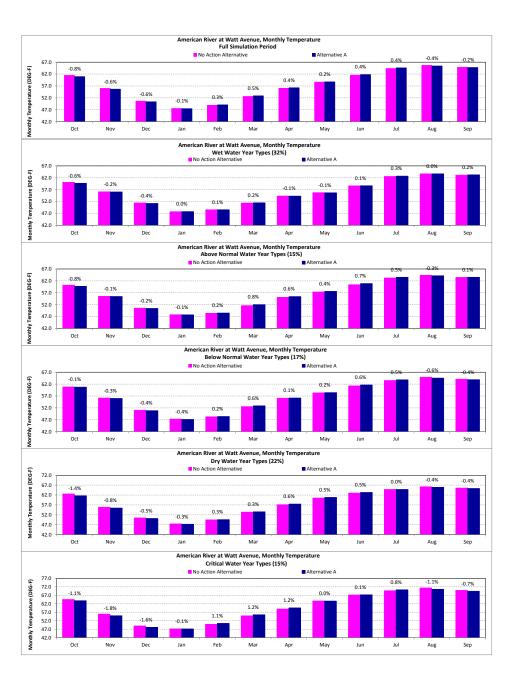


Figure SQ-40-1b

American River at Watt Avenue, Monthly Temperature
Probability of Exceedance

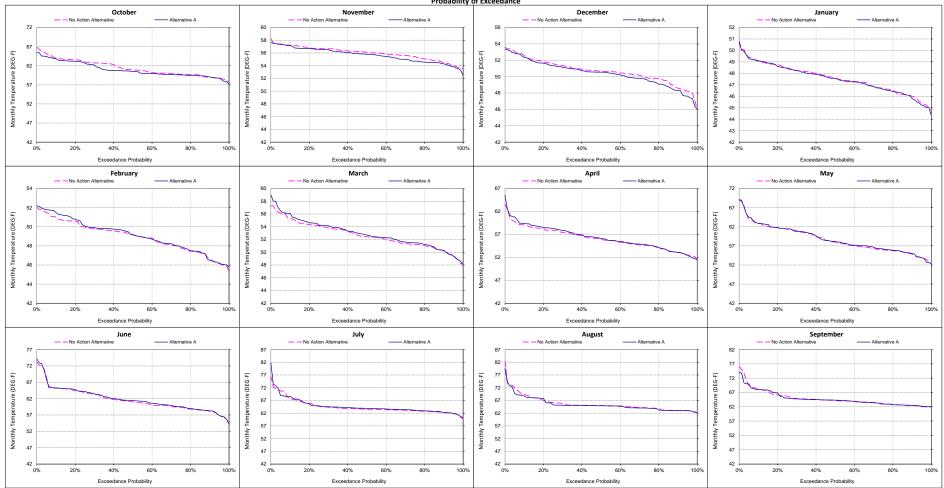


Table SQ-40-1b American River at Watt Avenue, Monthly Temperature Probability of Exceedance

									Probabilit	y of Exceedance									
Percent		October			Percent		November			Percent		December			Percent		January		
Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative
Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
0.0%	(DEG-F) 66.9	(DEG-F) 65.5	-1.4	-2.1%	(%) 0.0%	(DEG-F) 58.2	(DEG-F) 57.7	-0.6	-1.0%	(%) 0.0%	(DEG-F) 53.6	(DEG-F) 53.3	-0.2	-0.4%	0.0%	(DEG-F) 50.8	(DEG-F) 50.7	-0.1	-0.2%
1.3%	66.2	65.4	-0.8	-1.3%	1.3%	57.6	57.5	-0.1	-0.1%	1.3%	53.4	53.3	-0.1	-0.2%	1.3%	50.1	50.0	-0.1	-0.2%
2.5%	65.7	64.6	-1.2	-1.8%	2.5%	57.5	57.5	0.0	0.0%	2.5%	53.4	53.2	-0.2	-0.4%	2.5%	50.1	49.9	-0.2	-0.3%
3.8% 5.0%	65.5 65.2	64.5 64.4	-1.0 -0.8	-1.6% -1.2%	3.8% 5.0%	57.4 57.3	57.4 57.4	0.0	0.1% 0.1%	3.8% 5.0%	53.3 53.1	53.0 52.9	-0.3 -0.2	-0.7% -0.3%	3.8% 5.0%	49.6 49.4	49.6 49.3	0.0 -0.1	-0.1% -0.2%
6.3%	64.8	64.2	-0.6	-1.0%	6.3%	57.3	57.4	0.1	0.1%	6.3%	52.9	52.8	-0.1	-0.2%	6.3%	49.4	49.2	-0.1	-0.3%
7.5%	64.7	64.1	-0.5	-0.8%	7.5%	57.3	57.2	0.0	0.0%	7.5%	52.8	52.8	-0.1	-0.1%	7.5%	49.2	49.2	0.0	-0.1%
8.8% 10.0%	64.2 64.0	63.8 63.8	-0.4 -0.2	-0.6% -0.2%	8.8% 10.0%	57.2 57.2	57.2 57.2	-0.1 -0.1	-0.1% -0.1%	8.8% 10.0%	52.8 52.5	52.5 52.3	-0.3 -0.2	-0.6% -0.4%	8.8% 10.0%	49.1 49.1	49.2 49.1	0.0	0.1% 0.1%
11.3%	63.9	63.4	-0.5	-0.8%	11.3%	57.2	57.1	-0.1	-0.2%	11.3%	52.3	52.3	0.0	-0.1%	11.3%	49.0	49.1	0.0	0.0%
12.5%	63.8	63.3	-0.5	-0.7%	12.5%	57.2	56.8	-0.4	-0.6%	12.5%	52.2	52.2	-0.1	-0.1%	12.5%	49.0	49.0	0.1	0.2%
13.8%	63.7	63.3	-0.4	-0.6%	13.8%	57.1	56.8 56.7	-0.4	-0.7%	13.8%	52.1	51.9	-0.2	-0.4%	13.8%	48.9 48.8	49.0 48.9	0.1	0.2%
15.0% 16.3%	63.7 63.6	63.3 63.3	-0.4 -0.4	-0.5% -0.6%	15.0% 16.3%	57.0 57.0	56.7	-0.3 -0.3	-0.5% -0.5%	15.0% 16.3%	52.1 52.0	51.9 51.7	-0.2 -0.3	-0.4% -0.5%	15.0% 16.3%	48.8 48.8	48.9 48.9	0.1	0.2%
17.5%	63.6	63.2	-0.4	-0.7%	17.5%	56.9	56.7	-0.2	-0.4%	17.5%	52.0	51.7	-0.3	-0.6%	17.5%	48.8	48.8	0.0	0.1%
18.8%	63.5	63.2	-0.4	-0.6%	18.8%	56.9	56.7	-0.2	-0.4%	18.8%	51.9	51.7	-0.2	-0.5%	18.8%	48.8	48.8	0.0	0.0%
20.0% 21.3%	63.5 63.5	63.2 63.1	-0.4 -0.4	-0.6% -0.7%	20.0% 21.3%	56.8 56.8	56.7 56.7	-0.1 -0.1	-0.2% -0.2%	20.0% 21.3%	51.8 51.8	51.6 51.6	-0.1 -0.2	-0.3% -0.3%	20.0%	48.8 48.7	48.6 48.6	-0.2 -0.2	-0.4% -0.3%
22.5%	63.4	63.0	-0.4	-0.6%	22.5%	56.7	56.6	-0.1	-0.1%	22.5%	51.7	51.5	-0.2	-0.4%	22.5%	48.6	48.5	-0.1	-0.1%
23.8%	63.1	63.0	-0.2	-0.3%	23.8%	56.7	56.6	-0.1	-0.2%	23.8%	51.6	51.3	-0.3	-0.6%	23.8%	48.5	48.5	0.0	-0.1%
25.0%	63.0	62.7	-0.3	-0.5%	25.0%	56.7	56.6	-0.1	-0.2%	25.0%	51.6	51.3	-0.3	-0.5%	25.0%	48.5 48.4	48.4 48.4	0.0	-0.1%
26.3% 27.5%	62.8 62.8	62.4 62.4	-0.4 -0.4	-0.7% -0.6%	26.3% 27.5%	56.7 56.7	56.5 56.5	-0.1 -0.1	-0.2% -0.2%	26.3% 27.5%	51.5 51.4	51.3 51.3	-0.2 -0.2	-0.3% -0.3%	26.3% 27.5%	48.4 48.3	48.4	-0.1 0.0	-0.1% 0.0%
28.8%	62.8	62.3	-0.4	-0.7%	28.8%	56.7	56.5	-0.1	-0.2%	28.8%	51.4	51.2	-0.2	-0.4%	28.8%	48.3	48.3	-0.1	-0.1%
30.0%	62.7	62.2	-0.6	-0.9%	30.0%	56.7	56.5	-0.1	-0.2%	30.0%	51.3	51.1	-0.2	-0.4%	30.0%	48.2	48.3	0.0	0.1%
31.3% 32.5%	62.7 62.7	61.6 61.5	-1.1 -1.2	-1.7% -1.9%	31.3% 32.5%	56.6 56.6	56.4 56.3	-0.3 -0.4	-0.5% -0.6%	31.3% 32.5%	51.3 51.2	51.1 51.0	-0.2 -0.2	-0.4% -0.3%	31.3% 32.5%	48.2 48.2	48.2 48.1	0.0 -0.1	0.0% -0.2%
33.8%	62.7	61.1	-1.5	-2.4%	33.8%	56.6	56.3	-0.3	-0.6%	33.8%	51.2	51.0	-0.2	-0.4%	33.8%	48.2	48.1	-0.1	-0.1%
35.0%	62.6	61.0	-1.7	-2.7%	35.0%	56.5	56.2	-0.3	-0.5%	35.0%	51.0	51.0	0.0	-0.1%	35.0%	48.2	48.0	-0.1	-0.3%
36.3% 37.5%	62.6 62.5	60.9 60.8	-1.7 -1.8	-2.7% -2.9%	36.3% 37.5%	56.4 56.4	56.2 56.2	-0.3 -0.3	-0.5% -0.4%	36.3% 37.5%	51.0 51.0	50.9 50.9	0.0	-0.1% -0.1%	36.3% 37.5%	48.1 48.1	48.0 48.0	-0.1 -0.2	-0.2% -0.3%
38.8%	62.5	60.8	-1.7	-2.7%	38.8%	56.4	56.1	-0.3	-0.5%	38.8%	51.0	50.8	-0.1	-0.1%	38.8%	48.0	47.9	-0.1	-0.2%
40.0%	62.3	60.7	-1.6	-2.5%	40.0%	56.3	56.1	-0.2	-0.4%	40.0%	50.9	50.7	-0.2	-0.4%	40.0%	48.0	47.9	-0.1	-0.2%
41.3%	61.8	60.7	-1.1	-1.7%	41.3%	56.3	56.0	-0.3	-0.5%	41.3%	50.8	50.7	-0.1	-0.2%	41.3%	48.0	47.9	0.0	-0.1%
42.5% 43.8%	61.6 61.5	60.7 60.7	-0.9 -0.8	-1.5% -1.3%	42.5% 43.8%	56.3 56.3	55.9 55.9	-0.4 -0.4	-0.6% -0.6%	42.5% 43.8%	50.8 50.8	50.6 50.6	-0.2 -0.2	-0.4% -0.4%	42.5% 43.8%	47.9 47.8	47.8 47.8	-0.1 -0.1	-0.2% -0.1%
45.0%	61.2	60.6	-0.5	-0.9%	45.0%	56.2	55.9	-0.4	-0.6%	45.0%	50.8	50.6	-0.2	-0.4%	45.0%	47.8	47.7	-0.1	-0.3%
46.3%	61.1	60.6	-0.4	-0.7%	46.3%	56.2	55.9	-0.3	-0.6%	46.3%	50.8	50.6	-0.2	-0.4%	46.3%	47.7	47.6	-0.1	-0.1%
47.5% 48.8%	61.0 61.0	60.6 60.6	-0.4 -0.4	-0.7% -0.6%	47.5% 48.8%	56.2 56.2	55.8 55.8	-0.3 -0.3	-0.6% -0.6%	47.5% 48.8%	50.7 50.7	50.5 50.5	-0.2 -0.1	-0.3% -0.3%	47.5% 48.8%	47.7 47.6	47.6 47.6	-0.1 0.0	-0.3% -0.1%
50.0%	60.9	60.5	-0.4	-0.7%	50.0%	56.0	55.8	-0.3	-0.5%	50.0%	50.7	50.5	-0.1	-0.2%	50.0%	47.6	47.5	-0.1	-0.1%
51.3%	60.9	60.5	-0.4	-0.6%	51.3%	56.0	55.8	-0.3	-0.5%	51.3%	50.6	50.5	-0.1	-0.2%	51.3%	47.5	47.5	0.0	0.0%
52.5%	60.8	60.4	-0.4	-0.7%	52.5%	56.0	55.7	-0.3	-0.5%	52.5%	50.6	50.5	-0.1	-0.2%	52.5%	47.5	47.4	-0.1	-0.2%
53.8% 55.0%	60.8 60.7	60.1 60.0	-0.7 -0.7	-1.2% -1.2%	53.8% 55.0%	56.0 56.0	55.7 55.7	-0.3 -0.3	-0.5% -0.5%	53.8% 55.0%	50.6 50.6	50.5 50.4	-0.2 -0.2	-0.3% -0.3%	53.8% 55.0%	47.4 47.4	47.3 47.3	-0.1 -0.1	-0.1% -0.1%
56.3%	60.7	60.0	-0.7	-1.1%	56.3%	56.0	55.7	-0.3	-0.5%	56.3%	50.6	50.4	-0.2	-0.4%	56.3%	47.4	47.3	-0.1	-0.1%
57.5%	60.5	60.0	-0.5	-0.8%	57.5%	55.9	55.5	-0.4	-0.8%	57.5%	50.6	50.3	-0.3	-0.5%	57.5%	47.3	47.3	-0.1	-0.1%
58.8% 60.0%	60.2 60.2	60.0 59.9	-0.3 -0.3	-0.4% -0.4%	58.8% 60.0%	55.9 55.8	55.5 55.5	-0.4 -0.3	-0.7% -0.5%	58.8% 60.0%	50.5 50.4	50.3 50.2	-0.2 -0.2	-0.4% -0.4%	58.8% 60.0%	47.3 47.3	47.3 47.3	-0.1 0.0	-0.2% -0.1%
61.3%	60.1	59.9	-0.2	-0.4%	61.3%	55.7	55.4	-0.3	-0.6%	61.3%	50.4	50.1	-0.2	-0.7%	61.3%	47.3	47.2	0.0	-0.1%
62.5%	60.0	59.9	-0.2	-0.3%	62.5%	55.7	55.4	-0.4	-0.7%	62.5%	50.4	50.1	-0.3	-0.6%	62.5%	47.3	47.2	-0.1	-0.2%
63.8% 65.0%	60.0 60.0	59.8 59.8	-0.2 -0.3	-0.4% -0.4%	63.8% 65.0%	55.7 55.7	55.2 55.2	-0.5 -0.5	-0.9%	63.8% 65.0%	50.4 50.3	49.9 49.9	-0.4 -0.4	-0.9% -0.9%	63.8% 65.0%	47.2 47.2	47.2 47.1	-0.1 -0.1	-0.1% -0.2%
66.3%	60.0	59.7	-0.3	-0.4%	66.3%	55.7	55.1	-0.5	-1.1%	66.3%	50.3	49.9	-0.4	-0.9%	66.3%	47.2	47.1	-0.1	-0.2%
67.5%	60.0	59.7	-0.3	-0.5%	67.5%	55.6	55.0	-0.6	-1.1%	67.5%	50.3	49.8	-0.4	-0.9%	67.5%	46.9	46.9	0.0	0.0%
68.8%	60.0	59.7	-0.3	-0.5%	68.8%	55.6	55.0	-0.6	-1.1%	68.8%	50.3	49.8	-0.4	-0.9%	68.8%	46.9	46.9	0.0	0.1%
70.0% 71.3%	59.9 59.9	59.7 59.7	-0.2 -0.2	-0.4% -0.4%	70.0% 71.3%	55.6 55.6	55.0 55.0	-0.6 -0.6	-1.1% -1.1%	70.0% 71.3%	50.2 50.1	49.8 49.8	-0.4 -0.3	-0.7% -0.6%	70.0% 71.3%	46.9 46.8	46.8 46.7	0.0 -0.1	-0.1% -0.1%
72.5%	59.8	59.6	-0.2	-0.4%	72.5%	55.5	54.8	-0.7	-1.2%	72.5%	49.9	49.7	-0.2	-0.3%	72.5%	46.7	46.7	0.0	0.0%
73.8%	59.8	59.6	-0.2	-0.4%	73.8%	55.5	54.7	-0.8	-1.4%	73.8%	49.9	49.6	-0.2	-0.5%	73.8%	46.7	46.7	0.0	-0.1%
75.0% 76.3%	59.8 59.8	59.6 59.6	-0.2 -0.2	-0.3% -0.3%	75.0% 76.3%	55.5 55.3	54.7 54.7	-0.7 -0.5	-1.3% -1.0%	75.0%	49.8 49.8	49.4 49.4	-0.4 -0.4	-0.7% -0.7%	75.0% 76.3%	46.7 46.6	46.6 46.5	-0.1 -0.1	-0.2% -0.2%
77.5%	59.6 59.8	59.6	-0.2	-0.3%	77.5%	55.2	54.7 54.6	-0.5	-1.1%	76.3% 77.5%	49.8	49.4	-0.4	-0.7%	77.5%	46.6	46.5	-0.1	-0.2%
78.8%	59.7	59.5	-0.2	-0.4%	78.8%	55.1	54.6	-0.5	-1.0%	78.8%	49.8	49.3	-0.5	-1.1%	78.8%	46.6	46.5	-0.1	-0.2%
80.0%	59.7	59.4	-0.2	-0.4%	80.0%	55.1	54.6	-0.5	-0.9%	80.0%	49.8	49.1	-0.7	-1.4%	80.0%	46.5	46.4	-0.1	-0.3%
81.3% 82.5%	59.7 59.6	59.4 59.4	-0.2 -0.3	-0.4% -0.4%	81.3% 82.5%	55.1 55.0	54.5 54.5	-0.6 -0.5	-1.0% -0.8%	81.3% 82.5%	49.7 49.6	49.1 49.0	-0.6 -0.5	-1.3% -1.0%	81.3% 82.5%	46.4 46.2	46.4 46.4	0.0	-0.1% 0.4%
83.8%	59.6	59.3	-0.3	-0.5%	83.8%	54.9	54.5	-0.4	-0.7%	83.8%	49.5	48.9	-0.7	-1.3%	83.8%	46.2	46.3	0.1	0.3%
85.0%	59.6	59.3	-0.2	-0.4%	85.0%	54.8	54.5	-0.3	-0.5%	85.0%	49.4	48.8	-0.7	-1.4%	85.0%	46.2	46.3	0.1	0.3%
86.3%	59.3	59.3	0.0	0.0%	86.3%	54.8	54.5	-0.3	-0.6%	86.3%	49.0	48.6	-0.4	-0.8%	86.3%	46.2	46.1	0.0	0.0%
87.5% 88.8%	59.0 59.0	59.3 59.2	0.3	0.4%	87.5% 88.8%	54.8 54.6	54.5 54.3	-0.3 -0.3	-0.5% -0.5%	87.5% 88.8%	49.0 48.7	48.4 48.3	-0.6 -0.4	-1.1% -0.8%	87.5% 88.8%	46.1 46.1	46.1 46.1	0.0	0.0%
90.0%	59.0	59.2	0.2	0.1%	90.0%	54.5	54.3	-0.3	-0.3%	90.0%	48.6	48.3	-0.4	-0.5%	90.0%	46.0	45.8	-0.2	-0.5%
91.3%	58.9	58.9	0.0	0.0%	91.3%	54.3	54.2	-0.2	-0.3%	91.3%	48.5	48.3	-0.2	-0.4%	91.3%	45.9	45.7	-0.3	-0.6%
92.5%	58.8	58.8	0.1	0.1%	92.5%	54.3	54.0	-0.3	-0.5%	92.5%	48.4	47.7	-0.7	-1.5%	92.5%	45.8	45.5	-0.3	-0.6%
93.8% 95.0%	58.7 58.6	58.8 58.8	0.1 0.1	0.1%	93.8% 95.0%	54.1 54.1	53.9 53.9	-0.2 -0.2	-0.3% -0.3%	93.8% 95.0%	48.3 48.2	47.6 47.6	-0.7 -0.6	-1.4% -1.2%	93.8% 95.0%	45.5 45.4	45.4 45.2	-0.1 -0.2	-0.3% -0.4%
96.3%	58.6	58.3	-0.3	-0.5%	96.3%	53.9	53.6	-0.2	-0.5%	96.3%	48.1	47.4	-0.7	-1.5%	96.3%	45.3	45.1	-0.2	-0.4%
97.5%	58.5	57.8	-0.6	-1.1%	97.5%	53.7	53.5	-0.1	-0.2%	97.5%	48.0	47.3	-0.7	-1.4%	97.5%	45.2	45.0	-0.2	-0.5%
98.8%	58.0	57.8	-0.2	-0.3%	98.8%	53.6	53.3	-0.4	-0.7%	98.8%	47.1	46.4	-0.7	-1.5%	98.8%	45.0	45.0	0.0	0.0%
100.0%	58.0	57.1	-0.8	-1.4%	100.0%	53.5	52.5	-1.0	-1.9%	100.0%	45.9	46.0	0.1	0.2%	100.0%	44.8	44.3	-0.5	-1.1%

Table SQ-40-1b American River at Watt Avenue, Monthly Temperature Probability of Exceedance

The column The											of Exceedance									
	Percent					Percent					Percent					Percent				
The color The	xceedance _			Difference		Exceedance			Difference					Difference		Exceedance			Absolute Difference	Relative
Oct Oct				(DEG-F)	Difference (%)				(DEG-F)	Difference (%)				(DEG-F)	Difference (%)				(DEG-F)	Difference (%)
10	0.0%					0.0%	57.3	59.0			0.0%					0.0%	69.1	69.1	-0.1	-0.1%
1.00						1.3%		58.0 58.0			1.3%					1.3%	69.0 67.2		-0.3 0.1	-0.4% 0.2%
Section Column	3.8%	51.6	51.9	0.2	0.5%	3.8%	56.3	57.0	0.8	1.3%	3.8%	60.0	60.9	0.9	1.4%	3.8%	65.5	65.3	-0.2	-0.3%
The color	5.0%					5.0%													0.7 0.5	1.0%
100 101 103 103 105																			-0.3	-0.5%
1150																			0.1	0.2%
125																			0.0	0.0%
1500 101													59.3		0.9%				0.4	0.7%
15-10															0.6%				0.4	0.6%
175																			0.5 0.0	0.9%
2006 201 202 203 202 203 202 203 202 203 203 202 203	17.5%	50.6	51.0	0.4	0.8%	17.5%	54.5	54.9	0.4	0.8%	17.5%	58.4	58.7		0.6%	17.5%	61.9	61.9	0.0	0.0%
12 15 15 15 15 15 15 15																			0.0	0.0%
225 261 262																			0.0	0.1%
250	22.5%			0.5	1.1%	22.5%			0.3	0.6%	22.5%				0.9%	22.5%			0.0	0.0%
28.5 26.2 26.1 26.5 26.2 26.5 26.2 26.5 26.2 26.5 26.2 26.5																			0.0 0.1	0.0%
775. 60																			0.2	0.2%
2000 408				0.1										0.2					0.1	0.1%
315 468																			-0.3 -0.2	-0.4% -0.4%
3389. 467 468 0.1 0.25 3389. 516 528 538 0.3 0.59. 528 573 575 575 0.1 0.75 5289. 602 602 602 602 602 602 602 602 602 602																			0.1	0.2%
SSON 407 408 0.1 0.2% SSON SSO																			0.1	0.2%
Section Sect																			0.2 0.1	0.2% 0.2%
28.8 40.0 40.8 0.2 0.4 38.9 93.5 53.5 0.1 0.2 0.2 40.0 40.0 0.2 0.2 0.3 58.9 99.8 60.1 60.0 0.2 0.4 40.0 40.	36.3%	49.6	49.8	0.2	0.3%	36.3%	53.6	53.8	0.2	0.3%	36.3%	57.0	57.1	0.1	0.2%	36.3%	60.2	60.4	0.1	0.2%
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448 446	41.3%	49.5	49.7	0.2		41.3%	53.1	53.3			41.3%	56.5	56.6			41.3%	59.3	59.2	-0.1	-0.1%
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600% 447 448 0.1 0.3% 600% 519 523 0.4 0.7% 600% 55.3 55.5 0.2 0.3% 600% 57.0 57.2 62.5% 48.4 48.6 0.0 0.0% 61.3% 519 52.3 0.4 0.7% 61.3% 55.2 55.4 0.3 0.5% 61.3% 56.9 57.2 62.5% 48.4 48.5 0.1 0.2% 62.5% 51.8 52.2 0.4 0.8% 62.5% 55.2 55.3 0.1 0.2% 62.5% 56.8 57.1 65.0% 48.4 48.5 0.1 0.2% 62.5% 51.8 52.1 0.3 0.6% 63.8% 55.0 55.2 0.2 0.3% 65.0% 56.8 57.1 65.0% 48.4 48.3 0.1 0.2% 68.3% 51.8 52.1 0.3 0.6% 63.8% 55.0 55.0 0.3 0.1 0.2% 68.3% 56.8 57.1 65.0% 48.4 48.3 0.1 0.2% 68.3% 51.7 52.0 0.3 0.6% 65.0% 55.0 55.0 0.1 0.2 0.3% 65.0% 56.7 57.0 65.0% 48.4 48.3 0.1 0.2% 68.3% 51.4 63.7 0.2 0.4% 68.3% 54.8 55.0 0.1 0.2 0.3% 65.0% 56.7 57.0 65.0% 48.4 48.3 0.1 0.2% 68.3% 51.4 63.7 0.2 0.4% 68.3% 54.8 55.0 0.1 0.2% 68.3% 56.6 57.1 57.0 0.2 0.4% 68.3% 54.8 55.0 0.1 0.2% 68.3% 56.6 57.1 57.0 0.2 0.4% 68.3% 54.8 55.0 0.1 0.2% 68.3% 56.6 57.1 57.0 0.2 0.4% 68.3% 54.8 55.0 0.1 0.2% 68.3% 56.6 57.1 57.0 0.2 0.4% 68.3% 54.8 54.8 54.9 0.1 0.3% 68.8% 56.6 57.1 57.0 0.2 0.4% 68.3% 54.8 54.8 54.9 0.1 0.2% 68.8% 56.6 57.1 57.0 0.3 0.5% 68.8% 54.8 54.8 0.1 0.3% 68.8% 56.8 56.8 57.1 57.0 0.2 0.4% 57.0 0.3 0.5% 68.8% 54.8 54.9 0.1 0.3% 68.8% 56.8 56.7 57.0 0.0 55.4 51.6 0.2 0.4% 57.0 0.0 55.0 0.0 55.0 0.0 0.0 0.0 0.0 0.0																			0.1	0.2%
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63.8% 48.4 48.5 0.1 0.2% 63.8% 51.8 52.1 0.3 0.6% 63.8% 55.0 55.2 0.2 0.3% 65.0% 56.8 57.1 65.0% 56.0% 56.0% 55.0 55.1 0.2 0.3% 65.0% 56.7 57.0 66.3% 48.2 48.3 0.1 0.2% 66.3% 51.7 51.9 0.2 0.4% 66.3% 54.9 55.0 0.1 0.1% 66.3% 56.6 56.9 56.6 56.9 56.8 57.0 56.6 56.9 56.8 57.0 57.0 56.6 56.9 57.0 56.6 56.9 57.0 56.6 56.9 57.0 56.6 56.9 57.0 56.6 56.9 57.0 56.6 56.9 57.0 56.6 56.9 57.0 56.6 56.9 57.0 56.6 56.9 57.0 56.6 56.9 57.0 56.6 56.9 57.0 56.6 56.9 57.0 56.6 56.9 57.0 56.6 56.9 57.0 56.6 56.9 57.0 56.6 56.9 57.0 56.6 56.9 57.0 56.6 56.9 57.0 56.6 56.9 57.0 56.0 57.0 56.0 57.0 56.0 57.0 56.0 57.0 56.0 57.0 56.0 57.0 56.0 57.0 56.0 57.0 56.0 57.0 56.0 57.0 56.0 57.0 56.0 57.0 56.0 57.0 56.0 57.0 56.0 57.0 56.0 57.0 57.0 57.0 57.0 57.0 57.0 57.0 57																			0.3	0.4% 0.5%
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72.5% 48.0																			0.4	0.6%
73.8% 47.9 48.0 0.1 0.2% 73.8% 51.3 51.5 0.2 0.4% 73.8% 54.6 54.7 0.2 0.3% 73.8% 56.0 56.3 75.0% 47.8 47.9 0.1 0.3% 75.0% 51.2 51.5 0.2 0.4% 75.0% 54.6 54.6 0.1 0.1% 75.0% 56.0 56.2 76.3% 47.7 47.8 0.1 0.2% 76.3% 51.2 51.5 0.2 0.4% 76.3% 54.6 54.6 0.1 0.1% 76.3% 55.9 56.1 77.5% 47.6 47.7 0.1 0.3% 78.8% 51.2 51.5 0.2 0.4% 77.5% 54.4 54.4 0.0 0.0% 77.5% 55.8 56.0 78.8% 47.5 47.6 0.2 0.3% 78.8% 51.1 51.3 0.2 0.5% 78.8% 54.2 54.4 0.2 0.3% 78.8% 55.8 56.0 80.0% 47.5 47.5 0.0 0.1% 80.0% 51.0 51.2 0.2 0.4% 80.0% 54.1 54.2 0.0 0.1% 80.0% 55.8 55.8 56.0 80.0% 47.5 47.5 0.1 0.1% 81.3% 50.9 51.1 0.2 0.4% 80.0% 54.1 54.2 0.0 0.1% 80.0% 55.8 55.8 82.5% 47.4 47.5 0.1 0.1% 82.5% 50.9 51.1 0.2 0.4% 82.5% 53.8 53.8 0.0 0.0% 82.5% 55.6 55.8 82.5% 47.4 47.5 0.1 0.1% 82.5% 50.9 51.1 0.2 0.4% 82.5% 53.8 53.8 0.0 0.0% 82.5% 55.6 55.8 82.5% 47.4 47.5 0.1 0.1% 82.5% 50.9 51.1 0.2 0.4% 82.5% 53.8 53.8 0.0 0.0% 82.5% 55.6 55.8 82.5% 47.4 47.5 0.1 0.1% 82.5% 50.9 51.1 0.2 0.4% 82.5% 53.8 53.8 0.0 0.0% 82.5% 55.6 55.8 82.5% 47.4 47.5 0.1 0.1% 82.5% 50.9 51.1 0.2 0.4% 82.5% 53.8 53.8 0.0 0.0% 82.5% 55.6 55.8 82.5% 47.4 47.4 0.1 0.1% 82.5% 50.8 50.9 0.1 0.2% 83.8% 53.7 53.7 0.0 0.0% 82.5% 55.6 55.8 85.0% 47.3 47.4 0.1 0.1% 83.8% 50.8 50.9 0.1 0.2% 83.8% 53.5 53.3 0.0 0.0% 82.5% 55.5 55.4 85.3% 47.2 47.2 0.0 0.1% 82.5% 50.5 50.5 50.5 0.1 0.1% 82.5% 53.3 53.3 0.0 0.0 0.0% 82.5% 55.5 55.4 83.8 83.8 46.8 46.6 0.2 0.4% 88.8% 50.4 50.4 50.4 0.0 0.0% 82.5% 53.2 53.2 0.0 0.0% 87.5% 55.2 55.3 88.8% 46.8 46.6 0.2 0.4% 88.8% 50.4 50.4 50.4 0.0 0.0% 82.5% 53.2 53.2 0.0 0.0% 87.5% 52.2 55.3 89.5% 46.5 46.4 0.1 0.1% 91.3% 50.2 50.0 0.0 0.0% 82.5% 52.3 52.2 0.0 0.0% 90.0% 54.9 55.0 91.3% 46.5 46.4 0.1 0.1% 91.3% 50.4 50.4 0.0 0.0% 92.5% 52.8 52.9 0.0 0.0% 92.5% 54.4 54.4 91.4 91.0 0.0 0.0% 92.5% 52.8 52.9 0.0 0.0% 92.5% 54.4 54.4 91.0 0.0 0.0% 92.5% 52.8 52.9 0.0 0.0% 92.5% 54.4 54.4 91.0 0.0 0.0% 92.5% 52.8 52.9 0.0 0.0 0.0% 92.5% 54.4 54.4 91.0 0.0 0.0% 92.5% 52.8 52.9 0.0 0.0 0.0% 92.5% 54.4 54.4 91.0 0.0 0.0% 92.5% 52.5 52.5 0.1 0.2% 92.5% 54.2 54.1 9																			0.2	0.4%
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77.5% 47.6 47.7 0.1 0.3% 77.5% 51.2 51.4 0.3 0.5% 77.5% 54.4 54.4 0.0 0.0% 77.5% 55.8 56.0 80.0% 47.5 47.6 0.2 0.3% 78.8% 51.1 51.3 0.2 0.5% 78.8% 54.2 54.4 0.2 0.3% 78.8% 55.8 56.0 80.0% 47.5 47.5 0.0 0.1% 80.0% 51.0 51.2 0.2 0.4% 80.0% 54.1 54.2 0.0 0.1% 80.0% 55.8 55.8 56.0 80.0% 47.5 47.5 0.1 0.1% 81.3% 50.9 51.1 0.2 0.4% 80.0% 54.1 54.2 0.0 0.1% 80.0% 55.8 55.8 82.5% 47.4 47.5 0.1 0.1% 82.5% 50.9 51.1 0.2 0.4% 82.5% 53.8 53.8 0.0 0.0% 82.5% 55.6 55.8 82.5% 47.4 47.4 0.1 0.1% 82.5% 50.8 50.9 51.1 0.2 0.4% 82.5% 53.8 53.8 0.0 0.0% 82.5% 55.6 55.6 85.0% 47.3 47.4 0.1 0.2% 85.0% 50.8 50.9 0.1 0.2% 85.0% 55.5 55.8 85.0% 47.3 47.4 0.1 0.2% 85.0% 50.6 50.9 0.1 0.2% 85.0% 55.5 55.8 85.0% 47.2 47.2 0.0 0.1% 82.5% 50.6 50.5 50.5 -0.1 -0.1% 86.3% 53.3 53.3 0.0 -0.1% 86.3% 55.2 55.3 87.5% 47.2 47.2 0.0 0.1% 87.5% 50.4 50.4 50.4 0.0 0.1% 87.5% 53.2 53.2 0.0 0.0% 86.3% 55.2 55.3 88.0% 46.8 46.6 -0.2 -0.4% 88.8% 50.4 50.4 50.4 0.0 0.0% 88.8% 53.1 53.2 0.1 0.2% 88.8% 54.9 55.2 55.3 88.0% 46.6 46.5 -0.1 -0.1% 91.3% 50.2 50.0 -0.3 -0.5% 91.3% 50.0 0.0 0.0% 93.8% 54.4 54.4 54.8 93.8% 56.0 45.0 0.0 0.0% 92.5% 49.7 49.7 0.0 0.0% 92.5% 52.9 0.0 0.0% 93.8% 54.0 93.8% 54.0 93.8% 54.0 93.8% 54.0 93.8% 55.0 55.0 93.8% 46.3 46.3 0.0 0.0% 92.5% 49.7 49.7 0.0 0.0% 92.5% 52.5 52.5 0.1 0.2% 93.8% 54.0 9																			0.2	0.3%
78.8% 47.5 47.6 0.2 0.3% 78.8% 51.1 51.3 0.2 0.5% 78.8% 54.2 54.4 0.2 0.3% 78.8% 55.8 55.0 80.0% 47.5 47.5 0.0 0.1% 81.3% 50.9 51.1 0.2 0.2 0.4% 80.0% 54.1 54.2 0.0 0.1% 80.0% 55.8 55.8 55.8 82.5% 47.4 47.5 0.1 0.1% 81.3% 50.9 51.1 0.2 0.4% 81.3% 54.0 53.3 0.2 0.02 0.3% 81.3% 55.7 55.8 82.5% 47.4 47.5 0.1 0.1% 82.5% 50.9 51.1 0.2 0.4% 82.5% 53.8 53.8 0.0 0.0% 82.5% 55.6 55.6 55.8 82.5% 47.4 47.5 0.1 0.1% 83.8% 50.8 50.9 51.1 0.2 0.4% 82.5% 53.8 53.8 0.0 0.0% 82.5% 55.6 55.6 55.8 83.8% 47.4 47.4 0.1 0.1% 83.8% 50.8 50.9 0.1 0.2% 83.8% 53.7 53.7 0.0 0.0% 82.5% 55.6 55.6 85.0% 47.3 47.4 0.1 0.2% 85.0% 50.5 50.5 0.1 0.1% 86.3% 55.5 55.3 3.3 0.0 0.0% 88.8% 56.6 55.5 65.8 85.0% 47.2 47.2 0.0 0.1% 86.5% 50.5 50.5 0.1 0.1% 0.1% 86.3% 53.3 53.3 0.0 0.0 0.1% 86.3% 55.2 55.3 87.5% 47.2 47.2 0.0 0.1% 87.5% 50.4 50.4 50.4 0.0 0.1% 87.5% 53.2 53.2 0.0 0.0% 87.5% 55.2 55.3 88.8% 46.8 46.6 0.2 0.4% 88.8% 50.4 50.4 50.4 0.0 0.0% 88.8% 53.1 53.2 0.1 0.2% 88.8% 54.9 55.2 55.3 88.8% 46.6 46.5 0.1 0.3% 90.0% 50.3 50.2 0.0 0.0% 88.8% 53.1 53.2 0.1 0.2% 88.8% 54.9 55.0 91.3% 46.5 46.4 0.1 0.1% 91.3% 50.2 50.0 0.0 0.0% 92.5% 52.8 52.9 0.0 0.1% 91.3% 54.4 54.8 92.5% 46.3 46.3 0.0 0.0% 92.5% 49.7 49.7 0.0 0.0% 92.5% 52.8 52.9 0.0 0.1% 91.3% 54.4 54.8 92.5% 46.3 46.3 0.0 0.0% 93.8% 49.7 49.7 0.0 0.0% 92.5% 52.8 52.9 0.0 0.1% 91.3% 54.4 54.8 92.5% 46.0 46.0 0.1 0.2% 93.8% 49.7 49.7 0.0 0.0% 92.5% 52.5 52.5 0.1 0.2% 93.8% 54.0 53.9 53.7 53.7 96.3% 46.0 46.0 0.1 0.2% 93.8% 49.7 49.7 0.0 0.0% 92.5% 52.5 52.5 0.1 0.2% 93.8% 54.0 53.9 53.9 96.3% 53.7 53.7 53.7 53.7 53.7 53.7 54.7 44.7 44.0 0.1 0.2% 95.5% 44.7 44.7 44.7 44.8 0.1 0.2% 95.5% 52.5 52.5 0.1 0.2% 95.0% 53.9 53.7 53.7 53.7 53.7 53.7 53.7 53.7 53.7																			0.2	0.3%
81.3% 47.4 47.5 0.1 0.1% 81.3% 50.9 51.1 0.2 0.4% 81.3% 54.0 53.9 0.2 0.3% 81.3% 55.7 55.8 82.5% 47.4 47.5 0.1 0.1% 82.5% 50.9 51.1 0.2 0.4% 82.5% 53.8 53.8 0.0 0.0% 82.5% 55.6 55.8 83.8% 47.4 47.4 0.1 0.1% 83.8% 50.8 50.9 0.1 0.2% 83.8% 53.7 53.7 53.7 0.0 0.0% 83.8% 55.6 55.8 85.0% 47.3 47.4 0.1 0.2% 85.0% 50.7 50.8 0.2 0.4% 85.0% 53.5 53.3 0.2 0.0 0.0% 83.8% 55.6 55.6 85.6 85.0% 47.3 47.2 0.0 0.1% 85.0% 50.5 50.5 50.5 0.1 0.1% 86.3% 53.3 53.3 0.0 0.0% 88.8% 55.5 55.3 87.5% 47.2 47.2 0.0 0.1% 87.5% 50.4 50.4 50.4 0.0 0.1% 87.5% 53.2 53.2 0.0 0.0% 87.5% 55.2 55.3 87.5% 47.2 47.2 0.0 0.1% 87.5% 50.4 50.4 50.4 0.0 0.1% 87.5% 53.2 53.2 0.0 0.0% 87.5% 55.2 55.3 87.5% 46.6 46.5 0.1 0.3% 90.0% 50.3 50.2 0.0 0.0% 88.8% 53.1 53.2 0.1 0.2% 88.8% 54.9 55.2 90.0% 46.6 46.5 0.1 0.3% 90.0% 50.3 50.2 0.0 0.0% 88.8% 53.1 53.1 53.1 0.0 0.0% 90.0% 54.9 55.0 91.3% 46.5 46.4 0.1 0.3% 90.0% 50.3 50.2 50.0 0.3 0.5% 91.3% 53.0 53.0 0.0 0.1% 91.3% 54.4 54.8 92.5% 46.3 46.3 0.0 0.0% 92.5% 49.7 49.6 0.1 0.2% 93.8% 52.6 52.7 0.1 0.2% 95.0% 54.9 54.9 54.1 93.5% 46.0 46.1 0.1 0.2% 93.8% 49.7 49.6 0.1 0.2% 93.8% 52.6 52.7 0.1 0.2% 95.0% 93.8% 54.0 54.1 93.5% 46.0 46.1 0.1 0.2% 93.8% 49.7 49.6 0.1 0.2% 95.0% 52.5 52.5 0.1 0.2% 95.0% 53.9 53.7 95.7 96.5% 46.0 46.0 0.1 0.2% 93.8% 49.7 49.6 0.1 0.2% 95.0% 53.9 53.7 53.7 96.5% 46.0 46.0 0.1 0.2% 95.5% 48.7 49.6 0.1 0.2% 95.0% 52.5 52.5 0.1 0.2% 95.0% 53.9 53.9 96.5% 53.7 53.7 53.7	78.8%	47.5	47.6	0.2	0.3%	78.8%	51.1	51.3	0.2	0.5%	78.8%	54.2	54.4	0.2	0.3%	78.8%	55.8	56.0	0.2	0.4%
82.5% 47.4 47.5 0.1 0.1% 82.5% 50.9 51.1 0.2 0.4% 82.5% 53.8 53.8 0.0 0.0% 82.5% 55.6 55.6 55.8 83.8 47.4 47.4 0.1 0.1% 83.8% 50.8 50.9 0.1 0.2% 83.8% 53.7 53.7 0.0 0.0% 83.8% 55.6 55.6 85.0% 47.3 47.4 0.1 0.2% 85.0% 50.7 50.8 0.2 0.4% 85.0% 53.5 53.3 0.2 0.4% 85.0% 55.5 55.4 86.3% 47.2 47.2 0.0 0.1% 86.3% 50.5 50.5 50.5 0.1 0.1% 86.3% 53.3 53.3 0.0 0.1% 86.3% 55.2 55.3 87.5% 47.2 47.2 0.0 0.1% 87.5% 50.4 50.4 0.0 0.1% 87.5% 53.2 53.2 0.0 0.0% 87.5% 55.2 55.3 88.8% 46.8 46.6 0.2 0.4% 88.8% 50.4 50.4 50.4 0.0 0.1% 87.5% 53.2 53.2 0.0 0.0% 87.5% 55.2 55.3 88.8% 46.6 46.5 0.1 0.3% 50.5 50.5 50.5 0.1 0.0 0.0% 88.8% 53.1 53.2 0.1 0.2% 88.8% 54.9 55.2 55.3 88.8% 46.5 40.4 0.1 0.5% 50.4 50.4 50.4 50.4 50.4 50.4 50.4 50.4																			0.1	0.2%
83.8% 47.4 47.4 0.1 0.1% 83.8% 50.8 50.9 0.1 0.2% 83.8% 53.7 53.7 0.0 0.0% 83.8% 55.6 55.6 45.6 55.6 45.6 55.6 45.6 55.6 45.6 55.6 45.6 55.6 45.6 55.6 45.6 55.6 45.6 55.6 45.6 55.6 45.6 55.6 47.2 47.2 0.0 0.1% 86.3% 50.5 50.5 50.5 -0.1 -0.1% 86.3% 53.3 53.3 0.0 -0.1% 86.3% 55.2 55.3 87.5% 47.2 47.2 0.0 0.1% 87.5% 50.4 50.4 0.0 0.1% 87.5% 53.2 53.2 0.0 0.0% 87.5% 55.2 55.3 88.8% 46.8 46.6 0.2 -0.4% 88.8% 50.4 50.4 50.4 0.0 0.0% 88.8% 53.1 53.2 0.1 0.2% 88.8% 54.9 55.2 55.3 90.0% 46.6 46.5 -0.1 -0.3% 90.0% 50.3 50.2 0.0 -0.1% 90.0% 53.1 53.1 53.1 0.0 0.0% 99.0% 54.9 55.0 91.3% 46.5 46.4 0.1 0.1% 91.3% 50.2 50.0 0.3 -0.5% 91.3% 53.0 53.0 53.0 0.0 0.1% 91.3% 54.4 54.8 92.5% 46.3 46.3 0.0 0.0% 92.5% 49.7 49.7 0.0 0.0% 92.5% 52.8 52.9 0.0 0.1% 92.5% 54.2 54.1 93.8% 46.3 46.3 0.0 0.0% 93.8% 49.7 49.6 -0.1 -0.2% 93.8% 52.6 52.7 0.1 0.2% 93.8% 54.0 54.1 95.0% 46.0 46.0 0.1 0.2% 95.5% 48.7 49.0 -0.1 -0.2% 95.0% 52.5 52.5 52.5 -0.1 0.2% 95.0% 53.9 53.9 96.3% 46.0 46.0 0.1 0.2% 95.5% 48.7 49.0 -0.1 -0.2% 95.0% 52.3 52.2 0.2 -0.2 -0.3% 96.3% 53.7 53.7 95.7 95.5% 52.5 51.9 -0.3 -0.7% 97.5% 53.5 52.7	82.5%	47.4	47.5	0.1		82.5%	50.9	51.1	0.2	0.4%	82.5%	53.8	53.8			82.5%		55.8	0.1	0.2%
86.3% 47.2 47.2 0.0 0.1% 86.3% 50.5 50.5 50.5 -0.1 -0.1% 86.3% 53.3 53.3 0.0 -0.1% 86.3% 55.2 55.3 87.5% 47.2 47.2 0.0 0.1% 87.5% 50.4 50.4 0.0 0.1% 87.5% 53.2 53.2 0.0 0.0% 87.5% 55.2 55.3 88.6% 46.8 46.6 -0.2 -0.4% 88.8% 50.4 50.4 50.4 0.0 0.0% 88.8% 53.1 53.2 0.1 0.2% 88.8% 54.9 55.2 90.0% 46.6 46.5 -0.1 -0.3% 90.0% 50.3 50.2 0.0 -0.1% 90.0% 53.1 53.1 0.0 0.0% 90.0% 54.9 55.2 91.3% 46.5 46.4 -0.1 -0.1% 91.3% 50.2 50.0 -0.3 -0.5% 91.3% 53.0 53.0 53.0 0.0 0.1% 91.3% 54.4 54.8 92.5% 46.3 46.3 0.0 0.0% 92.5% 49.7 49.7 0.0 0.0% 92.5% 52.8 52.9 0.0 0.1% 92.5% 54.2 54.1 93.8% 46.3 46.3 0.0 0.0% 93.8% 49.7 49.6 -0.1 -0.2% 93.8% 52.6 52.7 0.1 0.2% 93.8% 54.0 54.1 95.0% 46.2 46.1 -0.1 -0.2% 95.0% 49.5 49.4 -0.1 -0.2% 95.0% 52.5 52.5 -0.1 0.2% 93.8% 54.0 54.1 95.0% 46.0 46.0 0.1 0.2% 95.3% 44.1 49.0 -0.1 -0.2% 95.0% 52.3 52.2 -0.2 -0.3% 96.3% 53.7 53.7 97.5% 54.7 48.7 48.8 0.1 0.2% 97.5% 52.2 51.9 -0.3 -0.7% 97.5% 53.5 52.7	83.8%			0.1	0.1%	83.8%	50.8	50.9	0.1	0.2%	83.8%	53.7		0.0	0.0%	83.8%		55.6	0.0	0.1%
87.5% 47.2 47.2 0.0 0.1% 87.5% 50.4 50.4 0.0 0.1% 87.5% 53.2 53.2 0.0 0.0% 87.5% 55.2 55.3 88.8% 46.8 46.6 0.2 0.4% 88.8% 50.4 50.4 0.0 0.0% 88.8% 53.1 53.2 0.1 0.2% 88.8% 54.9 55.2 50.0% 46.6 46.5 0.1 0.3% 90.0% 50.3 50.2 0.0 0.1% 90.0% 53.1 53.1 53.1 0.0 0.0% 90.0% 54.9 55.0 91.3% 46.5 46.4 0.1 0.1% 91.3% 50.2 50.0 0.3 0.5% 91.3% 53.0 53.0 0.0 0.1% 91.3% 54.4 54.8 92.5% 46.3 46.3 0.0 0.0% 92.5% 48.7 49.7 0.0 0.0% 92.5% 52.8 52.9 0.0 0.1% 92.5% 54.2 54.1 93.8% 46.3 46.3 0.0 0.0% 93.8% 49.7 49.6 0.1 0.2% 93.8% 52.6 52.7 0.1 0.2% 93.8% 54.0 54.1 96.3% 46.0 46.1 0.1 0.2% 95.5% 49.5 49.4 0.1 0.2% 95.0% 52.3 52.2 0.1 0.2% 95.0% 53.9 96.3% 53.7 53.7 96.3% 46.0 46.0 0.1 0.2% 95.3% 48.7 49.0 0.1 0.1% 96.3% 52.3 52.2 0.2 0.3 0.3% 96.3% 53.7 53.7																			-0.1 0.1	-0.2% 0.1%
88.8% 46.8 46.6 -0.2 -0.4% 88.8% 50.4 50.4 0.0 0.0% 88.8% 53.1 53.2 0.1 0.2% 88.8% 54.9 55.2 90.0% 46.6 46.5 -0.1 -0.3% 90.0% 50.3 50.2 0.0 -0.1% 90.0% 53.1 53.1 53.2 0.1 0.2% 88.8% 54.9 55.2 91.3% 46.5 46.4 -0.1 -0.1% 91.3% 50.2 50.0 -0.3 -0.5% 91.3% 53.0 53.0 53.0 0.0 0.1% 91.3% 54.4 54.8 92.5% 46.3 46.3 0.0 0.0% 92.5% 49.7 49.7 0.0 0.0% 92.5% 52.8 52.9 0.0 0.1% 92.5% 54.2 54.1 95.0% 46.2 46.1 -0.1 -0.2% 95.0% 49.5 49.4 -0.1 -0.2% 95.0% 52.5 52.5 -0.1 0.2% 95.0% 53.9 53.9 96.3% 46.0 46.1 0.0 0.1% 96.3% 49.1 49.0 -0.1 -0.1% 96.3% 52.3 52.2 -0.2 -0.3% 96.3% 53.7 53.7 97.5% 46.0 46.0 0.1 0.2% 97.5% 48.7 48.8 0.1 0.2% 97.5% 52.2 51.9 -0.3 -0.7% 97.5% 53.5 52.7	87.5%	47.2	47.2	0.0	0.1%	87.5%	50.4	50.4	0.0	0.1%	87.5%	53.2	53.2	0.0	0.0%	87.5%	55.2	55.3	0.1	0.2%
91.3% 46.5 46.4 -0.1 -0.1% 91.3% 50.2 50.0 -0.3 -0.5% 91.3% 53.0 53.0 0.0 0.1% 91.3% 54.4 54.8 92.5% 46.3 46.3 0.0 0.0% 92.5% 49.7 49.7 0.0 0.0% 92.5% 52.8 52.9 0.0 0.1% 92.5% 54.2 54.1 95.0% 46.3 46.3 0.0 0.0% 93.8% 49.7 49.6 -0.1 -0.2% 93.8% 52.6 52.7 0.1 0.2% 93.8% 54.0 54.1 95.0% 46.2 46.1 -0.1 -0.2% 95.0% 49.5 49.4 -0.1 -0.2% 95.0% 52.5 52.5 -0.1 -0.2% 95.0% 53.9 53.9 96.3% 46.0 46.1 0.0 0.1% 96.3% 49.1 49.0 -0.1 -0.1% 96.3% 52.3 52.2 -0.2 -0.3% 96.3% 53.7 53.7 97.5% 46.0 46.0 0.1 0.2% 97.5% 48.7 48.8 0.1 0.2% 97.5% 52.2 51.9 -0.3 -0.7% 97.5% 53.5 52.7				-0.2		88.8%						53.1			0.2%				0.2	0.4%
92.5% 46.3 46.3 0.0 0.0% 92.5% 49.7 49.7 0.0 0.0% 92.5% 52.8 52.9 0.0 0.1% 92.5% 542 54.1 95.0% 46.3 46.3 0.0 0.0% 93.8% 49.7 49.6 -0.1 -0.2% 93.8% 52.6 52.7 0.1 0.2% 93.8% 54.0 54.1 95.0% 46.2 46.1 -0.1 -0.2% 95.0% 49.5 49.4 -0.1 -0.2% 95.0% 52.5 52.5 -0.1 -0.2% 95.0% 53.9 96.3% 46.0 46.1 0.0 0.1% 96.3% 49.1 49.0 -0.1 -0.1% 96.3% 52.3 52.2 -0.2 -0.3% 96.3% 53.7 53.7 53.7 53.7 53.7 53.7 53.7 53.7																			0.1 0.4	0.2%
95.0% 46.2 46.1 -0.1 -0.2% 95.0% 49.5 49.4 -0.1 -0.2% 95.0% 52.5 52.5 -0.1 -0.2% 95.0% 53.9 53.9 96.3% 46.0 46.1 0.0 0.1% 96.3% 49.1 49.0 -0.1 -0.1% 96.3% 52.3 52.2 -0.2 -0.3% 96.3% 53.7 53.7 97.5% 46.0 46.0 0.1 0.2% 97.5% 48.7 48.8 0.1 0.2% 97.5% 52.2 51.9 -0.3 -0.7% 97.5% 53.5 52.7	92.5%	46.3	46.3	0.0	0.0%	92.5%	49.7	49.7	0.0	0.0%	92.5%	52.8	52.9	0.0	0.1%	92.5%	54.2	54.1	-0.1	-0.1%
96.3% 46.0 46.1 0.0 0.1% 96.3% 49.1 49.0 -0.1 -0.1% 96.3% 52.3 52.2 -0.2 -0.3% 96.3% 53.7 53.7 97.5% 46.0 46.0 0.1 0.2% 97.5% 48.7 48.8 0.1 0.2% 97.5% 52.2 51.9 -0.3 -0.7% 97.5% 53.5 52.7																			0.1	0.1%
97.5% 46.0 46.0 0.1 0.2% 97.5% 48.7 48.8 0.1 0.2% 97.5% 52.2 51.9 -0.3 -0.7% 97.5% 53.5 52.7																			0.0	0.0%
98.8% 45.9 46.0 0.1 0.2% 98.8% 48.3 48.6 0.4 0.8% 98.8% 52.2 51.8 -0.4 -0.8% 98.8% 52.7 52.6	97.5%	46.0	46.0	0.1	0.2%	97.5%	48.7	48.8	0.1	0.2%	97.5%	52.2	51.9	-0.3	-0.7%	97.5%	53.5	52.7	-0.8	-1.4%
100.0% 45.3 45.8 0.5 1.0% 100.0% 48.1 48.1 0.0 0.0% 100.0% 51.5 51.4 -0.1 -0.2% 100.0% 52.5 52.3																			-0.1 -0.2	-0.2% -0.4%
	. 50.070			5.5		100.078	-10.1		5.0	0.070	100.076	01.0	0	J. 1	U.2./U	100.076	52.5	02.0	J.2	3.470

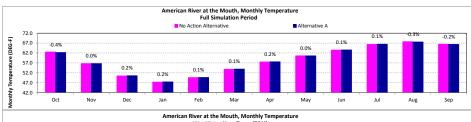
Table SQ-40-1b American River at Watt Avenue, Monthly Temperature Probability of Exceedance

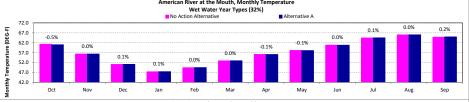
					-				Probability	of Exceedance					-				
Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative
Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)
0.0%	73.2	74.2	0.9	1.3%	0.0%	76.6	81.8	5.2	6.8%	0.0%	82.4	79.7	-2.7	-3.3%	0.0%	76.1	74.1	-2.0	-2.6%
1.3%	72.3	72.9	0.7	0.9%	1.3%	72.3	73.4	1.1	1.5%	1.3%	74.2	74.0	-0.2	-0.3%	1.3%	75.1	73.8	-1.4	-1.8%
2.5% 3.8%	71.8 71.1	72.7 70.9	0.8 -0.2	1.2% -0.3%	2.5% 3.8%	71.6 71.4	72.8 71.8	1.2 0.4	1.6% 0.6%	2.5% 3.8%	73.1 73.0	72.8 72.3	-0.3 -0.7	-0.4% -1.0%	2.5% 3.8%	73.8 71.0	70.3 70.0	-3.5 -1.0	-4.8% -1.4%
5.0%	68.8	67.9	-0.2	-1.3%	5.0%	70.7	68.9	-1.8	-2.5%	5.0%	71.8	69.7	-2.2	-3.0%	5.0%	69.5	70.0	0.5	0.8%
6.3%	65.4	65.7	0.3	0.5%	6.3%	70.7	68.8	-1.9	-2.6%	6.3%	71.2	69.2	-2.0	-2.8%	6.3%	68.9	68.6	-0.3	-0.4%
7.5%	65.4	65.4	0.1	0.1%	7.5%	69.9	68.7	-1.2	-1.8%	7.5%	70.3	69.1	-1.2	-1.7%	7.5%	68.7	68.3	-0.3	-0.5%
8.8% 10.0%	65.3 65.3	65.2 65.2	-0.1 -0.1	-0.2% -0.1%	8.8% 10.0%	68.3 67.5	68.6 68.6	0.3 1.1	0.4% 1.7%	8.8% 10.0%	69.4 69.4	69.0 68.8	-0.4 -0.6	-0.6% -0.9%	8.8% 10.0%	68.5 68.3	68.1 68.0	-0.5 -0.2	-0.7% -0.4%
11.3%	65.1	65.2	0.1	0.2%	11.3%	67.4	67.9	0.5	0.7%	11.3%	69.0	68.2	-0.9	-1.2%	11.3%	68.0	68.0	0.0	0.0%
12.5%	65.1	65.1	0.1	0.1%	12.5%	67.3	67.6	0.3	0.5%	12.5%	68.8	68.1	-0.7	-1.0%	12.5%	67.8	67.9	0.1	0.1%
13.8% 15.0%	65.0 65.0	65.0 65.0	0.0	0.0%	13.8% 15.0%	67.2 66.9	67.5 67.2	0.4	0.6%	13.8% 15.0%	68.1 68.0	68.1 68.0	0.0	-0.1% 0.0%	13.8% 15.0%	67.8 67.5	67.9 67.8	0.1	0.2%
16.3%	65.0	65.0	0.0	0.1%	16.3%	66.3	66.7	0.3	0.5%	16.3%	68.0	68.0	0.0	0.0%	16.3%	66.8	67.6	0.8	1.2%
17.5%	64.9	65.0	0.0	0.1%	17.5%	66.2	66.1	-0.1	-0.2%	17.5%	67.9	67.9	0.0	0.0%	17.5%	66.4	67.0	0.6	1.0%
18.8% 20.0%	64.6 64.4	64.9 64.8	0.3	0.5%	18.8% 20.0%	65.9 65.7	65.9 65.7	0.0 -0.1	0.0% -0.1%	18.8% 20.0%	67.4 67.0	67.9 67.8	0.5 0.8	0.8%	18.8% 20.0%	66.4	67.0 66.9	0.6 0.7	0.9% 1.1%
21.3%	64.3	64.4	0.4	0.2%	21.3%	65.7	64.9	-0.1	-1.2%	21.3%	66.6	66.1	-0.6	1.1% -0.8%	21.3%	66.1 66.0	65.7	-0.3	-0.5%
22.5%	64.2	64.3	0.1	0.1%	22.5%	65.1	64.9	-0.2	-0.3%	22.5%	66.5	66.1	-0.5	-0.7%	22.5%	66.0	65.6	-0.4	-0.6%
23.8%	64.1	64.3	0.2	0.3%	23.8%	65.1	64.9	-0.2	-0.3%	23.8%	66.2	66.1	-0.2	-0.3%	23.8%	65.8	65.1	-0.8	-1.2%
25.0% 26.3%	63.7 63.7	64.2 63.9	0.5	0.8%	25.0% 26.3%	64.7 64.5	64.8 64.7	0.2	0.3%	25.0% 26.3%	66.2 66.0	65.3 65.1	-0.9 -0.9	-1.3% -1.3%	25.0% 26.3%	65.7 65.4	65.0 64.9	-0.7 -0.5	-1.0% -0.8%
27.5%	63.6	63.8	0.3	0.4%	27.5%	64.4	64.7	0.2	0.3%	27.5%	66.0	65.1	-0.9	-1.3%	27.5%	65.0	64.8	-0.5	-0.8%
28.8%	63.5	63.6	0.2	0.3%	28.8%	64.4	64.5	0.1	0.1%	28.8%	66.0	65.1	-0.8	-1.3%	28.8%	64.9	64.8	-0.2	-0.2%
30.0%	63.3	63.4	0.1	0.1%	30.0%	64.3	64.5	0.2	0.3%	30.0%	65.8	65.1	-0.7	-1.1%	30.0%	64.9	64.8	-0.2	-0.3%
31.3% 32.5%	63.2 63.1	63.2 63.2	0.0	0.0%	31.3% 32.5%	64.2 64.2	64.5 64.4	0.2	0.3%	31.3% 32.5%	65.5 65.2	65.1 65.1	-0.4 -0.2	-0.6% -0.2%	31.3% 32.5%	64.8 64.8	64.7 64.7	-0.1 -0.2	-0.2% -0.2%
33.8%	62.4	63.0	0.6	0.9%	33.8%	64.2	64.4	0.2	0.3%	33.8%	65.2	65.0	-0.2	-0.2%	33.8%	64.8	64.6	-0.2	-0.2%
35.0%	62.3	62.6	0.3	0.5%	35.0%	64.0	64.4	0.4	0.6%	35.0%	65.2	65.0	-0.1	-0.2%	35.0%	64.7	64.5	-0.2	-0.2%
36.3%	62.2	62.5	0.3	0.5%	36.3%	64.0	64.3	0.4	0.6%	36.3%	65.1	65.0	-0.1	-0.2%	36.3%	64.7	64.5	-0.1	-0.2%
37.5% 38.8%	61.9 61.8	62.4 62.0	0.5 0.2	0.8%	37.5% 38.8%	63.9 63.9	64.3 64.2	0.4	0.6%	37.5% 38.8%	65.1 65.1	65.0 65.0	-0.1 -0.1	-0.2% -0.2%	37.5% 38.8%	64.6 64.6	64.5 64.5	-0.1 -0.1	-0.2% -0.2%
40.0%	61.7	62.0	0.2	0.5%	40.0%	63.8	64.2	0.3	0.5%	40.0%	65.1	65.0	-0.1	-0.1%	40.0%	64.6	64.5	-0.1	-0.2%
41.3%	61.6	61.9	0.3	0.5%	41.3%	63.8	64.2	0.3	0.5%	41.3%	65.1	65.0	-0.1	-0.1%	41.3%	64.5	64.5	0.0	-0.1%
42.5%	61.5	61.8	0.3	0.5%	42.5%	63.8	64.1	0.3	0.5%	42.5%	65.1	65.0	-0.1	-0.1%	42.5%	64.4	64.4	0.0	0.0%
43.8% 45.0%	61.5 61.4	61.7 61.5	0.3	0.4%	43.8% 45.0%	63.8 63.8	64.0 64.0	0.2	0.4%	43.8% 45.0%	65.0 65.0	64.9 64.9	-0.1 -0.1	-0.1% -0.1%	43.8% 45.0%	64.4 64.4	64.4 64.4	0.0	0.0%
46.3%	61.3	61.5	0.2	0.4%	46.3%	63.7	63.9	0.2	0.4%	46.3%	65.0	64.9	-0.1	-0.1%	46.3%	64.3	64.4	0.0	0.1%
47.5%	61.3	61.4	0.2	0.3%	47.5%	63.6	63.9	0.4	0.6%	47.5%	65.0	64.9	-0.1	-0.1%	47.5%	64.3	64.4	0.1	0.1%
48.8%	61.1	61.4	0.3	0.5%	48.8%	63.6	63.9	0.3	0.5%	48.8%	64.9	64.9	0.0	-0.1%	48.8%	64.3	64.3	0.1	0.1%
50.0% 51.3%	61.0 60.9	61.4 61.3	0.3	0.6%	50.0% 51.3%	63.5 63.5	63.8 63.8	0.3	0.5% 0.5%	50.0% 51.3%	64.9 64.9	64.9 64.9	-0.1 -0.1	-0.1% -0.1%	50.0% 51.3%	64.2 64.1	64.3 64.3	0.1	0.2%
52.5%	60.8	61.3	0.4	0.7%	52.5%	63.5	63.8	0.3	0.5%	52.5%	64.9	64.9	-0.1	-0.1%	52.5%	64.1	64.3	0.2	0.3%
53.8%	60.8	61.2	0.5	0.8%	53.8%	63.5	63.8	0.3	0.4%	53.8%	64.9	64.9	-0.1	-0.1%	53.8%	64.0	64.2	0.2	0.3%
55.0%	60.7	61.2	0.5	0.9%	55.0%	63.5	63.8	0.3	0.5%	55.0%	64.9	64.9 64.9	0.0	0.0%	55.0%	64.0	64.2	0.2	0.3%
56.3% 57.5%	60.5 60.4	61.2	0.7	1.2%	56.3% 57.5%	63.5 63.5	63.7 63.7	0.3	0.4%	56.3% 57.5%	64.9 64.8	64.8	0.0	0.0%	56.3% 57.5%	64.0 64.0	64.1 64.0	0.1	0.2%
58.8%	60.3	60.6	0.3	0.6%	58.8%	63.4	63.7	0.3	0.4%	58.8%	64.8	64.8	0.0	-0.1%	58.8%	64.0	64.0	0.0	0.0%
60.0%	60.0	60.6	0.6	1.0%	60.0%	63.3	63.7	0.3	0.5%	60.0%	64.8	64.7	-0.2	-0.2%	60.0%	63.9	63.9	0.0	-0.1%
61.3% 62.5%	59.9 59.9	60.5 60.4	0.6 0.5	0.9%	61.3% 62.5%	63.3 63.3	63.6 63.5	0.3 0.2	0.5%	61.3% 62.5%	64.8 64.7	64.6 64.3	-0.3 -0.5	-0.4% -0.7%	61.3% 62.5%	63.9 63.8	63.7 63.7	-0.2 -0.1	-0.3% -0.2%
63.8%	59.8	60.3	0.4	0.7%	63.8%	63.3	63.5	0.2	0.4%	63.8%	64.6	64.2	-0.3	-0.5%	63.8%	63.7	63.6	-0.1	-0.2%
65.0%	59.8	60.3	0.4	0.7%	65.0%	63.3	63.5	0.3	0.4%	65.0%	64.5	64.1	-0.4	-0.6%	65.0%	63.7	63.6	-0.1	-0.2%
66.3%	59.8 59.8	60.1	0.3	0.5%	66.3% 67.5%	63.2 63.2	63.5 63.4	0.3	0.4%	66.3% 67.5%	64.5	64.1	-0.4	-0.6%	66.3% 67.5%	63.7	63.5 63.5	-0.1	-0.2%
67.5% 68.8%	59.8 59.8	60.1 60.0	0.3	0.5%	67.5% 68.8%	63.2 63.2	63.4 63.4	0.3	0.4%	67.5% 68.8%	64.3 64.2	64.1 64.1	-0.3 -0.2	-0.4% -0.3%	67.5% 68.8%	63.6 63.6	63.5 63.4	-0.1 -0.2	-0.2% -0.2%
70.0%	59.6	59.9	0.3	0.5%	70.0%	63.2	63.4	0.2	0.3%	70.0%	64.2	64.1	-0.1	-0.2%	70.0%	63.5	63.4	-0.1	-0.2%
71.3%	59.5	59.7	0.3	0.4%	71.3%	63.1	63.4	0.3	0.4%	71.3%	64.2	64.0	-0.2	-0.3%	71.3%	63.5	63.3	-0.2	-0.2%
72.5%	59.4 59.4	59.6 59.5	0.2	0.4%	72.5%	63.0 63.0	63.3 63.2	0.4	0.6%	72.5% 73.8%	64.2 64.0	64.0 64.0	-0.1 0.0	-0.2%	72.5%	63.3 63.2	63.3 63.0	0.0 -0.2	0.0%
73.8% 75.0%	59.4 59.3	59.5 59.5	0.1	0.2%	73.8% 75.0%	63.0	63.2	0.3	0.4%	73.8% 75.0%	64.0	63.9	-0.1	0.0% -0.1%	73.8% 75.0%	63.2	63.0	-0.2	-0.4% -0.2%
76.3%	59.2	59.5	0.2	0.4%	76.3%	62.8	63.0	0.2	0.3%	76.3%	64.0	63.9	-0.1	-0.1%	76.3%	63.0	62.9	0.0	-0.1%
77.5%	59.0	59.2	0.2	0.3%	77.5%	62.8	63.0	0.2	0.3%	77.5%	64.0	63.9	-0.1	-0.2%	77.5%	62.9	62.9	0.0	-0.1%
78.8% 80.0%	58.9 58.8	59.0 59.0	0.2	0.3%	78.8% 80.0%	62.8 62.7	63.0 62.9	0.2	0.3%	78.8% 80.0%	63.9 63.9	63.8 63.2	-0.1 -0.7	-0.2% -1.1%	78.8% 80.0%	62.9 62.9	62.9 62.7	-0.1 -0.2	-0.1% -0.3%
81.3%	58.7	58.9	0.2	0.3%	81.3%	62.7	62.9	0.1	0.2%	81.3%	63.3	63.1	-0.7	-0.2%	81.3%	62.7	62.7	-0.2	-0.1%
82.5%	58.7	58.7	0.0	0.0%	82.5%	62.7	62.8	0.2	0.2%	82.5%	63.2	63.1	-0.1	-0.2%	82.5%	62.7	62.7	0.0	0.0%
83.8%	58.6	58.7	0.1	0.2%	83.8%	62.6	62.8	0.2	0.2%	83.8%	63.2	63.0	-0.1	-0.2%	83.8%	62.7	62.7	0.0	0.0%
85.0% 86.3%	58.5 58.4	58.6 58.5	0.1	0.2%	85.0% 86.3%	62.6 62.5	62.7 62.7	0.2	0.2%	85.0% 86.3%	63.1 63.1	63.0 63.0	0.0	-0.1% -0.1%	85.0% 86.3%	62.6 62.6	62.6 62.6	0.0	0.0%
87.5%	58.4	58.4	0.1	0.1%	87.5%	62.5	62.7	0.2	0.3%	87.5%	63.0	63.0	0.0	0.0%	87.5%	62.6	62.5	-0.1	-0.2%
88.8%	58.3	58.4	0.1	0.1%	88.8%	62.3	62.5	0.1	0.2%	88.8%	63.0	63.0	0.0	0.0%	88.8%	62.6	62.5	-0.1	-0.2%
90.0%	58.1	58.2	0.1	0.2%	90.0%	62.2	62.3	0.2	0.3%	90.0%	63.0	63.0	0.0	0.0%	90.0%	62.5	62.5	-0.1	-0.1%
91.3% 92.5%	57.9 57.9	58.2 58.0	0.3	0.6%	91.3% 92.5%	62.0 62.0	62.2 62.1	0.2	0.3%	91.3% 92.5%	63.0 63.0	63.0 63.0	0.0	0.0%	91.3% 92.5%	62.5 62.3	62.4 62.4	0.0	-0.1% 0.1%
93.8%	57.4	57.4	0.0	0.1%	93.8%	62.0	62.1	0.1	0.2%	93.8%	63.0	63.0	0.0	0.1%	93.8%	62.3	62.3	0.1	0.1%
95.0%	56.8	56.8	-0.1	-0.1%	95.0%	61.8	61.8	0.0	0.0%	95.0%	63.0	63.0	0.0	0.0%	95.0%	62.0	62.2	0.2	0.3%
96.3%	56.6	56.6	0.0	0.0%	96.3%	61.7	61.7	0.1	0.1%	96.3%	62.8	63.0	0.1	0.2%	96.3%	62.0	62.2	0.1	0.2%
97.5% 98.8%	56.4 55.5	56.4 55.7	0.0	0.0%	97.5% 98.8%	61.3 60.3	61.3 60.8	-0.1 0.4	-0.1% 0.7%	97.5% 98.8%	62.6 62.3	62.6 62.5	0.0	0.1%	97.5% 98.8%	61.9 61.9	62.1 62.1	0.2	0.2%
100.0%	54.6	54.3	-0.4	-0.6%	100.0%	59.8	60.1	0.4	0.5%	100.0%	62.1	62.2	0.1	0.1%	100.0%	61.8	62.0	0.2	0.3%

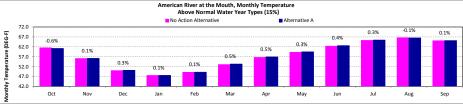
Table SQ-41-1a American River at the Mouth, Monthly Temperature

Long-term Average and Average by Water Year Type												
	Monthly Temperature (DEG-F)											
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	62.5	56.7	50.5	47.4	49.6	53.8	57.5	60.6	63.5	66.4	67.8	66.5
Alternative A	62.3	56.7	50.6	47.4	49.7	53.9	57.6	60.6	63.6	66.5	67.6	66.4
Difference	-0.3	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.1	-0.2	-0.1
Percent Difference ³	-0.4%	0.0%	0.2%	0.2%	0.1%	0.1%	0.2%	0.0%	0.1%	0.1%	-0.3%	-0.29
				Water Y	ear Types	2						
Wet (32%)												
No Action Alternative	61.3	56.3	51.1	47.4	49.5	52.9	56.1	58.2	60.8	64.4	66.1	64.9
Alternative A	61.0	56.3	51.1	47.5	49.5	52.9	56.1	58.1	60.8	64.5	66.0	65.0
Difference	-0.3	0.0	0.1	0.0	0.0	0.0	-0.1	-0.1	0.0	0.1	0.0	0.1
Percent Difference	-0.5%	0.0%	0.1%	0.1%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.1%	0.0%	0.2%
Above Normal (15%)												
No Action Alternative	61.5	56.1	50.0	47.6	49.2	53.0	56.7	59.3	62.4	65.2	66.6	65.1
Alternative A	61.2	56.2	50.2	47.6	49.2	53.3	56.9	59.5	62.6	65.4	66.5	65.2
Difference	-0.4	0.1	0.2	0.0	0.1	0.3	0.3	0.2	0.3	0.2	-0.1	0.1
Percent Difference	-0.6%	0.1%	0.3%	0.1%	0.1%	0.5%	0.5%	0.3%	0.4%	0.3%	-0.1%	0.1%
Below Normal (17%)												
No Action Alternative	62.1	56.8	50.7	47.2	49.0	53.8	57.5	60.2	63.2	65.6	66.9	65.5
Alternative A	61.9	56.7	50.7	47.2	49.0	53.9	57.5	60.3	63.4	65.7	66.8	65.4
Difference	-0.1	-0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.1	-0.1	-0.1
Percent Difference	-0.2%	-0.2%	0.1%	0.1%	0.0%	0.1%	0.0%	0.1%	0.3%	0.2%	-0.2%	-0.29
Dry (22%)												
No Action Alternative	63.5	57.0	50.5	47.4	50.1	54.4	58.4	62.2	64.9	66.9	68.2	67.2
Alternative A	63.0	57.0	50.6	47.5	50.0	54.3	58.5	62.3	64.9	66.7	68.1	66.8
Difference	-0.5	0.0	0.1	0.1	0.0	-0.1	0.1	0.1	0.1	-0.2	-0.1	-0.4
Percent Difference	-0.8%	-0.1%	0.2%	0.2%	-0.1%	-0.1%	0.3%	0.2%	0.1%	-0.2%	-0.2%	-0.69
Critical (15%)												
No Action Alternative	65.3	57.4	49.3	47.2	50.5	55.9	60.2	65.6	69.0	71.9	73.2	71.4
Alternative A	65.3	57.6	49.5	47.4	50.7	56.0	60.4	65.1	68.7	72.3	72.4	71.1
Difference	0.0	0.2	0.1	0.2	0.2	0.2	0.2	-0.5	-0.3	0.4	-0.8	-0.3
Percent Difference	0.0%	0.3%	0.3%	0.4%	0.4%	0.3%	0.3%	-0.7%	-0.4%	0.5%	-1.0%	-0.49

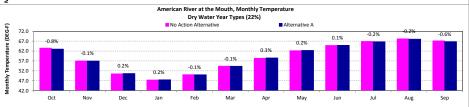
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)











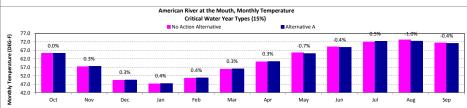


Figure SQ-41-1b

American River at the Mouth, Monthly Temperature

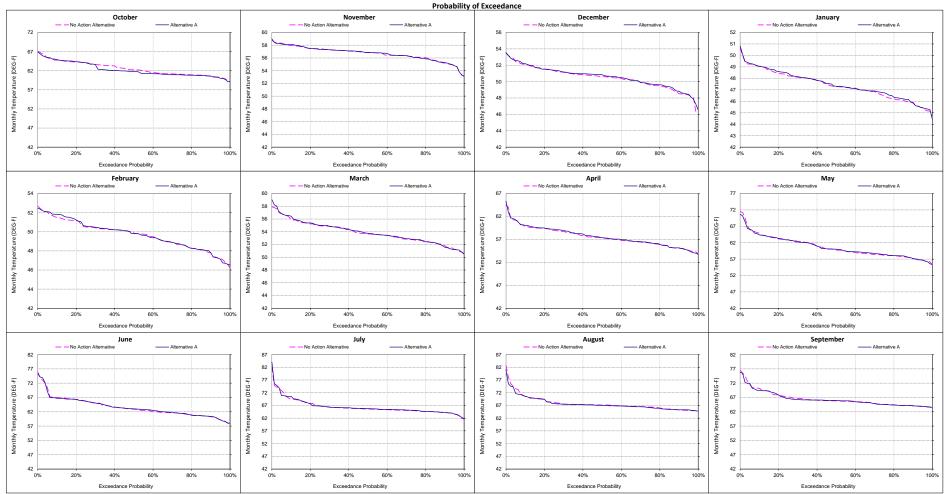


Table SQ-41-1b American River at the Mouth, Monthly Temperature Probability of Exceedance

									Probabilit	y of Exceedance									
Percent		October			Percent		November			Percent		December			Percent		January		
Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative
Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature		Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)
0.0%	(DEG-F) 67.1	(DEG-F) 66.9	-0.2	-0.2%	0.0%	(DEG-F) 58.8	(DEG-F) 59.0	0.2	0.3%	0.0%	(DEG-F) 53.5	(DEG-F) 53.5	0.0	0.1%	0.0%	(DEG-F) 50.6	(DEG-F) 50.8	0.2	0.4%
1.3%	66.7	66.4	-0.2	-0.5%	1.3%	58.5	58.5	0.0	-0.1%	1.3%	53.2	53.2	0.0	0.1%	1.3%	50.0	50.1	0.2	0.2%
2.5%	66.4	65.9	-0.5	-0.7%	2.5%	58.4	58.3	-0.1	-0.2%	2.5%	53.0	52.9	-0.1	-0.3%	2.5%	49.5	49.5	0.0	0.1%
3.8% 5.0%	65.9 65.4	65.6 65.4	-0.3 0.1	-0.5% 0.1%	3.8% 5.0%	58.3 58.3	58.2 58.2	-0.1 -0.1	-0.2% -0.2%	3.8% 5.0%	52.9 52.4	52.7 52.6	-0.2 0.1	-0.3% 0.3%	3.8% 5.0%	49.3 49.2	49.4 49.3	0.1	0.3%
6.3%	65.2	65.4	0.1	0.1%	6.3%	58.2	58.1	-0.1	-0.2%	6.3%	52.4	52.5	0.1	0.2%	6.3%	49.2	49.3	0.0	0.1%
7.5%	65.1	65.1	0.0	0.0%	7.5%	58.0	58.1	0.0	0.1%	7.5%	52.2	52.4	0.2	0.4%	7.5%	49.1	49.2	0.1	0.2%
8.8%	64.8	65.0	0.3	0.4%	8.8%	58.0	58.1	0.1	0.2%	8.8%	52.1	52.2	0.1	0.1%	8.8%	49.1	49.1	0.0	0.0%
10.0% 11.3%	64.8 64.7	64.9 64.8	0.2	0.2%	10.0% 11.3%	58.0 57.9	58.1 58.1	0.1 0.2	0.2%	10.0% 11.3%	52.1 52.0	52.2 52.1	0.1	0.1%	10.0% 11.3%	49.0 49.0	49.0 49.0	0.0	0.0% -0.1%
12.5%	64.7	64.7	0.0	0.0%	12.5%	57.9	58.0	0.1	0.2%	12.5%	51.9	52.0	0.1	0.1%	12.5%	49.0	49.0	0.0	-0.1%
13.8%	64.5	64.6	0.1	0.2%	13.8%	57.9	58.0	0.1	0.2%	13.8%	51.8	52.0	0.2	0.3%	13.8%	48.8	48.9	0.1	0.2%
15.0% 16.3%	64.4 64.4	64.6 64.5	0.2	0.2%	15.0% 16.3%	57.8 57.7	57.8 57.8	0.0	0.1%	15.0% 16.3%	51.8 51.7	51.7 51.7	0.0	0.0%	15.0% 16.3%	48.7 48.7	48.8 48.8	0.1	0.2%
17.5%	64.3	64.5	0.1	0.2%	17.5%	57.6	57.6	0.0	0.2%	17.5%	51.7	51.6	0.0	-0.1%	17.5%	48.5	48.8	0.1	0.5%
18.8%	64.3	64.4	0.1	0.2%	18.8%	57.5	57.5	0.0	0.0%	18.8%	51.5	51.5	0.0	0.0%	18.8%	48.5	48.6	0.1	0.3%
20.0%	64.3 64.3	64.3 64.3	0.0	0.0%	20.0%	57.5 57.5	57.5 57.5	0.0	0.0%	20.0%	51.5 51.5	51.5 51.5	0.0	0.0%	20.0%	48.5 48.4	48.6 48.5	0.1	0.3%
21.3% 22.5%	64.2	64.2	0.1 0.0	0.0%	21.3% 22.5%	57.5 57.5	57.4	0.0	0.0% -0.1%	21.3% 22.5%	51.5	51.5	0.0	0.1%	21.3% 22.5%	48.4	48.5	0.2	0.3%
23.8%	64.2	64.1	-0.1	-0.1%	23.8%	57.5	57.4	-0.1	-0.1%	23.8%	51.4	51.4	0.0	0.1%	23.8%	48.3	48.5	0.2	0.4%
25.0%	64.2	64.1	-0.1	-0.1%	25.0%	57.4	57.3	-0.1	-0.2%	25.0%	51.3	51.4	0.0	0.1%	25.0%	48.2	48.4	0.2	0.5%
26.3% 27.5%	64.0 63.7	63.9 63.8	-0.1 0.1	-0.2% 0.1%	26.3% 27.5%	57.4 57.3	57.3 57.3	-0.1 0.0	-0.2% -0.1%	26.3% 27.5%	51.2 51.2	51.4 51.3	0.1	0.3%	26.3% 27.5%	48.2 48.2	48.3 48.2	0.1	0.2% 0.1%
28.8%	63.7	63.7	0.1	0.1%	28.8%	57.3	57.3	0.0	-0.1%	28.8%	51.2	51.2	0.1	0.1%	28.8%	48.1	48.2	0.0	0.1%
30.0%	63.6	63.6	0.0	-0.1%	30.0%	57.3	57.3	0.0	-0.1%	30.0%	51.1	51.2	0.0	0.1%	30.0%	48.1	48.2	0.1	0.1%
31.3% 32.5%	63.6 63.5	62.4 62.3	-1.2	-1.8%	31.3%	57.3 57.2	57.3	0.0	0.0%	31.3% 32.5%	51.1	51.2 51.1	0.0	0.1%	31.3%	48.1 48.0	48.1 48.1	0.0	0.1%
32.5%	63.5	62.3	-1.2 -1.2	-1.9% -1.9%	32.5% 33.8%	57.2 57.2	57.2 57.2	0.0	0.0%	32.5%	51.0 51.0	51.1 51.0	0.1	0.1%	32.5% 33.8%	48.0	48.1 48.1	0.0	0.1% 0.1%
35.0%	63.4	62.2	-1.2	-1.8%	35.0%	57.2	57.2	0.0	0.0%	35.0%	50.9	51.0	0.1	0.2%	35.0%	48.0	48.0	0.0	0.0%
36.3%	63.3	62.2	-1.2	-1.8%	36.3%	57.2	57.2	0.0	0.0%	36.3%	50.9	51.0	0.1	0.3%	36.3%	48.0	48.0	0.0	0.1%
37.5% 38.8%	63.3 63.3	62.1 62.1	-1.2 -1.2	-1.9% -1.8%	37.5% 38.8%	57.2 57.2	57.2 57.1	0.0	0.0%	37.5% 38.8%	50.8 50.8	51.0 51.0	0.1	0.3%	37.5% 38.8%	47.9 47.9	47.9 47.9	0.0	0.0%
40.0%	63.3	62.1	-1.2	-1.8%	40.0%	57.1	57.1	0.0	0.1%	40.0%	50.8	51.0	0.1	0.2%	40.0%	47.8	47.8	0.0	0.0%
41.3%	62.8	62.0	-0.8	-1.3%	41.3%	57.1	57.1	0.0	0.1%	41.3%	50.8	51.0	0.1	0.3%	41.3%	47.8	47.8	0.0	0.0%
42.5%	62.8 62.7	62.0 62.0	-0.8	-1.3%	42.5%	57.0 57.0	57.1 57.1	0.1	0.1%	42.5%	50.8 50.8	50.9 50.9	0.1	0.3%	42.5%	47.7 47.5	47.8 47.7	0.0	0.0%
43.8% 45.0%	62.6	61.9	-0.7 -0.7	-1.1% -1.1%	43.8% 45.0%	57.0	57.0	0.0	0.1%	43.8% 45.0%	50.8	50.9	0.2	0.3%	43.8% 45.0%	47.5 47.5	47.7	0.1	0.2% 0.1%
46.3%	62.3	61.9	-0.4	-0.7%	46.3%	56.9	57.0	0.1	0.1%	46.3%	50.7	50.9	0.2	0.3%	46.3%	47.4	47.5	0.1	0.3%
47.5%	62.3	61.8	-0.4	-0.7%	47.5%	56.9	56.9	0.0	0.0%	47.5%	50.7	50.9	0.2	0.4%	47.5%	47.3	47.5	0.2	0.3%
48.8% 50.0%	62.3 62.2	61.8 61.8	-0.4 -0.4	-0.7% -0.6%	48.8% 50.0%	56.9 56.8	56.9 56.9	0.0	0.0%	48.8% 50.0%	50.6 50.6	50.8 50.8	0.2	0.4%	48.8% 50.0%	47.3 47.3	47.3 47.3	0.0	0.1%
51.3%	62.2	61.8	-0.4	-0.6%	51.3%	56.8	56.9	0.0	0.1%	51.3%	50.6	50.8	0.2	0.3%	51.3%	47.3	47.3	0.0	0.1%
52.5%	62.2	61.7	-0.5	-0.9%	52.5%	56.8	56.8	0.0	0.1%	52.5%	50.6	50.7	0.1	0.2%	52.5%	47.3	47.3	0.0	0.1%
53.8% 55.0%	62.1 62.0	61.3 61.3	-0.8 -0.7	-1.3% -1.1%	53.8% 55.0%	56.8 56.8	56.8 56.8	0.0	0.0%	53.8% 55.0%	50.6 50.5	50.7 50.6	0.1	0.2%	53.8% 55.0%	47.2 47.2	47.3 47.2	0.0	0.1%
56.3%	61.8	61.3	-0.7	-0.9%	56.3%	56.8	56.8	0.0	0.1%	56.3%	50.5	50.6	0.1	0.3%	56.3%	47.2	47.2	0.0	-0.1%
57.5%	61.8	61.3	-0.5	-0.7%	57.5%	56.7	56.8	0.0	0.0%	57.5%	50.5	50.6	0.1	0.2%	57.5%	47.2	47.2	0.0	0.0%
58.8%	61.6	61.3	-0.3	-0.5%	58.8%	56.5	56.8	0.3	0.5%	58.8%	50.4	50.5	0.1	0.2%	58.8%	47.2	47.1	0.0	-0.1%
60.0% 61.3%	61.5 61.5	61.2 61.2	-0.3 -0.3	-0.5% -0.5%	60.0% 61.3%	56.5 56.4	56.7 56.5	0.3	0.4%	60.0% 61.3%	50.4 50.3	50.5 50.4	0.1	0.3%	60.0% 61.3%	47.1 47.0	47.1 47.1	0.0	-0.1% 0.1%
62.5%	61.4	61.2	-0.2	-0.3%	62.5%	56.4	56.4	0.0	0.0%	62.5%	50.3	50.4	0.1	0.2%	62.5%	47.0	47.0	0.0	0.0%
63.8%	61.3	61.2	-0.2	-0.3%	63.8%	56.4	56.4	0.0	0.0%	63.8%	50.3	50.3	0.0	0.1%	63.8%	47.0	47.0	0.0	0.0%
65.0%	61.3	61.1 61.0	-0.2	-0.3%	65.0%	56.4	56.4	0.0	0.0%	65.0%	50.2	50.2 50.2	-0.1	-0.1%	65.0%	47.0 46.9	47.0 46.9	0.0	0.0%
66.3% 67.5%	61.2 61.2	61.0	-0.2 -0.2	-0.3% -0.3%	66.3% 67.5%	56.4 56.4	56.4 56.4	0.0	0.0%	66.3% 67.5%	50.2 50.2	50.2	0.0	-0.1% -0.1%	66.3% 67.5%	46.9	46.9	0.0	0.0% 0.1%
68.8%	61.2	61.0	-0.2	-0.3%	68.8%	56.4	56.4	0.0	0.0%	68.8%	50.1	50.1	0.0	0.1%	68.8%	46.8	46.9	0.1	0.1%
70.0%	61.2	61.0	-0.2	-0.3%	70.0%	56.3	56.4	0.1	0.1%	70.0%	49.9	49.9	0.0	-0.1%	70.0%	46.8	46.9	0.1	0.1%
71.3% 72.5%	61.1 61.1	61.0 60.9	-0.2 -0.2	-0.3% -0.2%	71.3% 72.5%	56.3 56.2	56.3 56.3	0.0	0.0%	71.3% 72.5%	49.8 49.8	49.9 49.8	0.1	0.1%	71.3% 72.5%	46.7 46.6	46.8 46.8	0.1	0.3%
73.8%	61.1	60.9	-0.2	-0.2%	73.8%	56.2	56.1	-0.1	-0.2%	73.8%	49.7	49.8	0.0	0.2%	73.8%	46.5	46.8	0.2	0.5%
75.0%	61.1	60.9	-0.2	-0.3%	75.0%	56.1	56.1	0.0	-0.1%	75.0%	49.6	49.7	0.1	0.2%	75.0%	46.5	46.7	0.2	0.5%
76.3%	61.0	60.8	-0.2	-0.3%	76.3%	56.1	56.0	-0.1	-0.1%	76.3%	49.6	49.7 49.7	0.1	0.2%	76.3%	46.3	46.7 46.5	0.3	0.6%
77.5% 78.8%	61.0 61.0	60.8 60.8	-0.2 -0.2	-0.3% -0.2%	77.5% 78.8%	56.1 56.1	56.0 56.0	-0.1 -0.1	-0.2% -0.2%	77.5% 78.8%	49.5 49.5	49.7	0.2 0.1	0.3%	77.5% 78.8%	46.3 46.2	46.5 46.5	0.2	0.5%
80.0%	60.9	60.8	-0.1	-0.2%	80.0%	56.0	55.8	-0.2	-0.4%	80.0%	49.5	49.6	0.1	0.2%	80.0%	46.2	46.3	0.1	0.3%
81.3%	60.9	60.8	-0.1	-0.1%	81.3%	55.9	55.8	-0.1	-0.2%	81.3%	49.4	49.6	0.2	0.4%	81.3%	46.1	46.3	0.2	0.4%
82.5% 83.8%	60.9 60.9	60.8 60.8	-0.1	-0.2%	82.5% 83.8%	55.7 55.7	55.7 55.6	0.0	0.0%	82.5% 83.8%	49.4 49.3	49.5 49.4	0.1	0.2%	82.5%	46.1 46.1	46.3 46.2	0.2	0.3%
85.0%	60.8	60.7	-0.1 -0.1	-0.2% -0.2%	85.0%	55.7 55.6	55.6	-0.1 0.0	-0.1% 0.0%	85.0%	49.3	49.4	0.1	0.3%	83.8% 85.0%	46.1	46.2	0.1	0.2%
86.3%	60.8	60.7	-0.1	-0.1%	86.3%	55.5	55.4	-0.1	-0.3%	86.3%	49.1	49.3	0.2	0.5%	86.3%	46.0	46.2	0.2	0.4%
87.5%	60.7	60.7	-0.1	-0.1%	87.5%	55.4	55.4	0.0	0.0%	87.5%	48.9	49.1	0.2	0.4%	87.5%	46.0	46.2	0.2	0.4%
88.8%	60.6 60.6	60.7	0.1	0.1%	88.8%	55.2 55.2	55.3 55.3	0.1	0.2%	88.8%	48.8 48.5	48.8 48.8	0.0	0.1%	88.8%	45.9 45.9	45.9 45.8	0.0	0.0%
90.0% 91.3%	60.6 60.5	60.6 60.4	0.0 -0.2	-0.3%	90.0% 91.3%	55.2 55.1	55.3 55.2	0.1 0.1	0.2% 0.2%	90.0% 91.3%	48.5 48.5	48.8 48.6	0.3	0.7%	90.0% 91.3%	45.9 45.6	45.8 45.6	-0.1 0.0	-0.1% 0.0%
92.5%	60.4	60.3	-0.1	-0.1%	92.5%	55.0	55.1	0.1	0.1%	92.5%	48.5	48.6	0.1	0.3%	92.5%	45.6	45.6	0.0	-0.1%
93.8%	60.4	60.3	-0.1	-0.1%	93.8%	54.9	55.0	0.0	0.0%	93.8%	48.4	48.5	0.1	0.1%	93.8%	45.5	45.5	0.0	0.0%
95.0% 96.3%	60.2 60.1	60.0 60.0	-0.2 -0.1	-0.4% -0.2%	95.0% 96.3%	54.9 54.6	54.8 54.7	-0.1 0.0	-0.2% 0.1%	95.0% 96.3%	48.4 48.2	48.5 48.1	0.1 -0.1	0.2% -0.1%	95.0% 96.3%	45.4 45.3	45.4 45.3	0.0	0.0%
97.5%	59.6	59.9	0.3	0.5%	97.5%	53.8	53.8	0.0	-0.1%	97.5%	48.0	47.9	-0.1	-0.1%	97.5%	45.3 45.2	45.3	0.1	0.2%
98.8%	59.5	59.2	-0.4	-0.6%	98.8%	53.3	53.3	0.0	0.0%	98.8%	46.3	47.2	0.9	2.0%	98.8%	45.1	45.3	0.1	0.3%
100.0%	59.2	59.1	-0.1	-0.1%	100.0%	53.2	53.1	0.0	-0.1%	100.0%	46.2	46.5	0.3	0.6%	100.0%	44.6	44.4	-0.2	-0.5%

Table SQ-41-1b American River at the Mouth, Monthly Temperature Probability of Exceedance

										of Exceedance									
Percent		February			Percent		March			Percent		April			Percent		May		
Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative
Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)
0.0%	52.7	52.5	-0.2	-0.4%	0.0%	57.9	59.0	1.1	1.9%	0.0%	64.4	65.3	0.9	1.5%	0.0%	71.5	70.7	-0.8	-1.1%
1.3%	52.4	52.4	-0.1	-0.1%	1.3%	57.8	58.2	0.4	0.8%	1.3%	64.0	62.9	-1.1	-1.7%	1.3%	71.3	70.2	-1.1	-1.5%
2.5% 3.8%	52.2 52.1	52.2 52.1	-0.1 0.0	-0.1% 0.0%	2.5% 3.8%	57.6 57.2	58.0 57.0	0.4 -0.1	0.7% -0.3%	2.5% 3.8%	61.4 61.3	61.7 61.6	0.3	0.5% 0.5%	2.5% 3.8%	69.7 67.2	68.4 66.3	-1.3 -0.8	-1.8% -1.2%
5.0%	52.1	52.1	0.0	0.0%	5.0%	56.9	56.8	0.0	-0.3%	5.0%	61.2	61.3	0.3	0.5%	5.0%	66.0	66.1	0.1	0.2%
6.3%	51.8	52.1	0.3	0.6%	6.3%	56.7	56.7	0.0	0.0%	6.3%	60.9	60.8	-0.1	-0.2%	6.3%	65.7	65.8	0.2	0.2%
7.5%	51.7	51.8	0.1	0.3%	7.5%	56.6	56.6	0.0	0.0%	7.5%	60.3	60.2	0.0	-0.1%	7.5%	65.4	64.9	-0.4	-0.7%
8.8% 10.0%	51.6 51.5	51.8 51.8	0.3	0.5%	8.8% 10.0%	56.4 55.9	56.5 56.5	0.2	0.3%	8.8% 10.0%	60.1 59.8	60.2	0.1	0.1%	8.8% 10.0%	65.1 64.9	64.7 64.4	-0.3 -0.5	-0.5% -0.8%
11.3%	51.5	51.8	0.3	0.7%	11.3%	55.8	56.0	0.1	0.3%	11.3%	59.8	60.0	0.2	0.4%	11.3%	64.3	64.3	-0.1	-0.1%
12.5%	51.4	51.8	0.4	0.7%	12.5%	55.8	55.9	0.1	0.1%	12.5%	59.6	59.9	0.3	0.5%	12.5%	64.3	64.2	-0.1	-0.1%
13.8% 15.0%	51.3 51.3	51.6 51.5	0.3	0.6%	13.8% 15.0%	55.6 55.4	55.8 55.7	0.2	0.3%	13.8% 15.0%	59.6 59.5	59.7 59.6	0.1 0.1	0.2%	13.8% 15.0%	64.0 63.8	64.0 63.8	0.0	0.1%
16.3%	51.2	51.5	0.3	0.6%	16.3%	55.4	55.5	0.3	0.1%	16.3%	59.5	59.6	0.1	0.2%	16.3%	63.6	63.8	0.0	0.3%
17.5%	51.2	51.5	0.2	0.5%	17.5%	55.4	55.4	0.0	0.1%	17.5%	59.5	59.5	0.1	0.1%	17.5%	63.5	63.7	0.2	0.2%
18.8%	51.2 51.2	51.4 51.2	0.2	0.4%	18.8%	55.3	55.4 55.4	0.1	0.2%	18.8%	59.5 59.4	59.5 59.5	0.1	0.1%	18.8%	63.5	63.5 63.3	0.0	0.1%
20.0%	51.2 51.1	51.2 51.1	0.1	-0.1%	20.0% 21.3%	55.2 55.2	55.4 55.3	0.1	0.3%	20.0% 21.3%	59.4 59.3	59.5 59.4	0.0	0.1%	20.0% 21.3%	63.2 63.0	63.3	0.1	0.2%
22.5%	50.8	51.0	0.3	0.6%	22.5%	55.1	55.2	0.1	0.1%	22.5%	59.3	59.3	0.0	0.1%	22.5%	63.0	63.0	0.0	0.0%
23.8%	50.6	50.6	0.1	0.2%	23.8%	55.0	55.1	0.0	0.1%	23.8%	59.0	59.2	0.3	0.4%	23.8%	62.9	62.8	-0.1	-0.1%
25.0% 26.3%	50.5 50.5	50.6 50.5	0.1 0.1	0.2%	25.0% 26.3%	54.9 54.9	55.0 55.0	0.1	0.1%	25.0% 26.3%	58.9 58.9	59.2 59.1	0.3 0.2	0.5%	25.0% 26.3%	62.9 62.7	62.8 62.7	-0.1 0.0	-0.1% 0.1%
27.5%	50.5	50.5	0.1	0.1%	27.5%	54.9	55.0	0.1	0.2%	27.5%	58.8	59.1	0.2	0.5%	27.5%	62.7	62.7	0.0	0.1%
28.8%	50.5	50.5	0.0	0.1%	28.8%	54.9	55.0	0.1	0.2%	28.8%	58.8	59.0	0.3	0.5%	28.8%	62.6	62.3	-0.3	-0.6%
30.0%	50.4	50.5	0.1	0.1%	30.0%	54.9	54.8	0.0	-0.1%	30.0%	58.8	58.9	0.2	0.3%	30.0%	62.4	62.2	-0.2	-0.3%
31.3% 32.5%	50.4 50.3	50.4 50.4	0.1	0.1%	31.3% 32.5%	54.8 54.8	54.8 54.8	0.0	-0.1% -0.1%	31.3% 32.5%	58.6 58.5	58.8 58.8	0.3	0.5%	31.3% 32.5%	62.4 62.4	62.2 62.1	-0.2 -0.3	-0.4% -0.5%
33.8%	50.3	50.4	0.1	0.1%	33.8%	54.8	54.7	-0.1	-0.1%	33.8%	58.4	58.5	0.1	0.1%	33.8%	62.1	62.0	0.0	-0.1%
35.0%	50.3	50.3	0.0	0.1%	35.0%	54.7	54.6	-0.1	-0.1%	35.0%	58.4	58.4	0.0	0.1%	35.0%	62.1	62.0	-0.1	-0.2%
36.3% 37.5%	50.3 50.2	50.3 50.2	0.1	0.1%	36.3% 37.5%	54.6 54.5	54.6 54.6	-0.1 0.0	-0.1% 0.0%	36.3% 37.5%	58.1 58.1	58.3 58.3	0.2	0.4%	36.3% 37.5%	61.8 61.8	61.8 61.5	0.0 -0.2	0.0% -0.4%
38.8%	50.2	50.2	0.0	0.0%	38.8%	54.5	54.4	-0.1	-0.2%	38.8%	57.9	58.2	0.2	0.5%	38.8%	61.4	61.3	-0.1	-0.4%
40.0%	50.2	50.2	0.0	0.0%	40.0%	54.5	54.4	-0.1	-0.2%	40.0%	57.8	58.2	0.4	0.6%	40.0%	60.9	61.0	0.1	0.1%
41.3%	50.2	50.2	0.0	0.0%	41.3%	54.3	54.3	0.0	0.0%	41.3%	57.8	57.9	0.1	0.2%	41.3%	60.7	60.7	0.0	0.0%
42.5% 43.8%	50.2 50.2	50.2 50.2	0.0	0.0%	42.5% 43.8%	54.1 53.9	54.2 54.1	0.1	0.1%	42.5% 43.8%	57.5 57.5	57.9 57.8	0.3	0.6%	42.5% 43.8%	60.6 60.3	60.2 60.2	-0.4 -0.2	-0.7% -0.3%
45.0%	50.1	50.1	0.0	0.0%	45.0%	53.8	54.1	0.3	0.5%	45.0%	57.5	57.7	0.2	0.3%	45.0%	60.1	60.1	0.0	0.0%
46.3%	50.1	50.1	0.0	0.0%	46.3%	53.8	54.0	0.3	0.5%	46.3%	57.5	57.6	0.2	0.3%	46.3%	60.1	60.1	0.0	0.0%
47.5%	50.0 50.0	50.0	0.0	0.0%	47.5%	53.7	53.9	0.2	0.3%	47.5%	57.4	57.6 57.5	0.2	0.3%	47.5%	60.1	60.1	0.0	0.0%
48.8% 50.0%	49.9	49.8 49.8	-0.2 0.0	-0.4% -0.1%	48.8% 50.0%	53.7 53.7	53.8 53.8	0.1	0.2%	48.8% 50.0%	57.4 57.3	57.4	0.1	0.1%	48.8% 50.0%	60.0 59.8	60.0 60.0	0.0 0.2	0.0%
51.3%	49.8	49.8	0.0	0.0%	51.3%	53.7	53.7	0.0	0.1%	51.3%	57.3	57.3	0.0	0.0%	51.3%	59.7	59.9	0.2	0.4%
52.5%	49.8	49.8	0.0	0.0%	52.5%	53.6	53.7	0.1	0.2%	52.5%	57.2	57.3	0.1	0.2%	52.5%	59.7	59.9	0.2	0.3%
53.8% 55.0%	49.8 49.8	49.7 49.6	-0.1 -0.1	-0.3% -0.2%	53.8% 55.0%	53.6 53.6	53.6 53.5	0.0	0.0%	53.8% 55.0%	57.1 57.1	57.2 57.1	0.1	0.2%	53.8% 55.0%	59.7 59.4	59.6 59.4	-0.1 0.0	-0.2% 0.1%
56.3%	49.7	49.6	-0.1	-0.2%	56.3%	53.5	53.5	0.0	0.0%	56.3%	57.0	57.1	0.1	0.1%	56.3%	59.2	59.3	0.1	0.1%
57.5%	49.6	49.5	-0.1	-0.2%	57.5%	53.5	53.5	0.0	0.0%	57.5%	57.0	57.1	0.1	0.2%	57.5%	59.2	59.3	0.1	0.2%
58.8% 60.0%	49.5 49.5	49.4 49.4	-0.1 -0.1	-0.2% -0.2%	58.8% 60.0%	53.5 53.5	53.5 53.4	0.0	-0.1% 0.0%	58.8% 60.0%	57.0 56.8	57.1 57.0	0.1	0.2%	58.8% 60.0%	59.1 59.0	59.3 59.2	0.2	0.3%
61.3%	49.5	49.4	0.0	0.0%	61.3%	53.4	53.4	0.0	0.0%	61.3%	56.7	56.9	0.2	0.3%	61.3%	58.9	59.2	0.2	0.6%
62.5%	49.3	49.3	0.0	0.0%	62.5%	53.2	53.3	0.1	0.1%	62.5%	56.7	56.9	0.2	0.3%	62.5%	58.8	59.1	0.3	0.5%
63.8%	49.2	49.1	0.0	-0.1%	63.8%	53.2	53.3	0.1	0.2%	63.8%	56.7	56.7	0.1	0.1%	63.8%	58.8	59.0	0.3	0.5%
65.0% 66.3%	49.1 49.0	49.0 49.0	0.0	0.0% 0.1%	65.0% 66.3%	53.1 53.1	53.3 53.1	0.1 0.1	0.2%	65.0% 66.3%	56.6 56.6	56.7 56.6	0.1 0.0	0.1% 0.1%	65.0% 66.3%	58.7 58.7	59.0 59.0	0.2 0.2	0.4%
67.5%	49.0	49.0	0.0	0.1%	67.5%	52.9	53.1	0.2	0.4%	67.5%	56.6	56.6	0.0	0.1%	67.5%	58.7	58.8	0.2	0.3%
68.8%	48.9	49.0	0.0	0.1%	68.8%	52.9	53.0	0.1	0.2%	68.8%	56.5	56.5	0.1	0.2%	68.8%	58.4	58.8	0.4	0.7%
70.0% 71.3%	48.9 48.8	48.9 48.8	0.0	0.0%	70.0% 71.3%	52.8 52.8	52.9 52.9	0.1 0.1	0.1% 0.2%	70.0% 71.3%	56.4 56.3	56.5 56.4	0.1 0.1	0.1%	70.0% 71.3%	58.4 58.3	58.7 58.6	0.3 0.3	0.5% 0.5%
72.5%	48.7	48.8	0.0	0.2%	72.5%	52.8	52.8	0.0	0.1%	72.5%	56.3	56.4	0.1	0.2%	72.5%	58.3	58.5	0.3	0.3%
73.8%	48.7	48.7	0.1	0.2%	73.8%	52.7	52.8	0.1	0.2%	73.8%	56.3	56.3	0.1	0.1%	73.8%	58.3	58.5	0.2	0.3%
75.0%	48.6 48.6	48.6 48.6	0.0	0.0%	75.0%	52.7	52.8	0.2	0.3%	75.0%	56.2	56.3	0.1	0.2%	75.0%	58.1 58.1	58.4 58.3	0.2	0.4%
76.3% 77.5%	48.6 48.5	48.6 48.5	0.0	0.0%	76.3% 77.5%	52.7 52.6	52.8 52.7	0.1	0.3% 0.2%	76.3% 77.5%	56.1 56.0	56.2 56.1	0.0	0.0%	76.3% 77.5%	58.1 58.1	58.3 58.1	0.2	0.4%
78.8%	48.3	48.3	0.1	0.1%	78.8%	52.6	52.5	-0.1	-0.2%	78.8%	56.0	56.1	0.2	0.3%	78.8%	58.1	58.1	0.0	0.0%
80.0%	48.3	48.3	0.0	0.0%	80.0%	52.6	52.4	-0.2	-0.3%	80.0%	55.9	56.0	0.1	0.1%	80.0%	58.1	58.1	0.0	0.0%
81.3% 82.5%	48.3 48.2	48.3 48.2	0.0	0.0%	81.3% 82.5%	52.4 52.4	52.4 52.4	0.0	-0.1% 0.0%	81.3% 82.5%	55.8 55.7	55.7 55.7	-0.1 -0.1	-0.2% -0.1%	81.3% 82.5%	58.0 57.9	58.0 58.0	0.1 0.2	0.1%
83.8%	48.2	48.2	0.0	0.0%	83.8%	52.3	52.3	0.0	0.1%	83.8%	55.7	55.7	0.0	0.0%	83.8%	57.8	58.0	0.2	0.3%
85.0%	48.1	48.2	0.1	0.1%	85.0%	52.2	52.3	0.0	0.1%	85.0%	55.5	55.2	-0.3	-0.5%	85.0%	57.8	58.0	0.2	0.3%
86.3%	48.1	48.1	0.0	0.0%	86.3%	52.1	52.2	0.0	0.1%	86.3%	55.2	55.2	0.0	0.0%	86.3%	57.6	57.8	0.2	0.3%
87.5% 88.8%	48.0 47.8	48.0 48.0	0.0	0.1%	87.5% 88.8%	52.1 51.9	52.0 51.8	-0.1 -0.1	-0.2% -0.2%	87.5% 88.8%	55.2 55.1	55.2 55.1	0.0	0.0%	87.5% 88.8%	57.6 57.2	57.6 57.5	0.0	0.0%
90.0%	47.8	47.8	0.2	0.0%	90.0%	51.8	51.6	-0.1	-0.5%	90.0%	55.1	55.1	0.0	0.1%	90.0%	57.1	57.1	0.2	0.4%
91.3%	47.4	47.4	0.0	0.0%	91.3%	51.5	51.5	0.0	-0.1%	91.3%	55.0	55.0	0.0	-0.1%	91.3%	57.0	57.1	0.1	0.1%
92.5%	47.4	47.3	-0.1	-0.1%	92.5%	51.5	51.4	-0.2	-0.3%	92.5%	55.0	54.9	-0.2	-0.3%	92.5%	57.0	56.8	-0.2	-0.4%
93.8% 95.0%	47.2 47.2	47.3 47.1	0.0 -0.1	0.1%	93.8% 95.0%	51.5 51.2	51.3 51.2	-0.2 -0.1	-0.4% -0.1%	93.8% 95.0%	54.7 54.6	54.8 54.6	0.1 -0.1	0.2%	93.8% 95.0%	56.7 56.7	56.7 56.7	0.0	0.0%
96.3%	47.1	46.7	-0.3	-0.7%	96.3%	51.2	51.2	0.0	0.0%	96.3%	54.4	54.3	-0.1	-0.2%	96.3%	56.4	56.3	-0.1	-0.1%
97.5%	46.8	46.7	-0.1	-0.2%	97.5%	50.9	51.1	0.2	0.5%	97.5%	54.4	54.1	-0.4	-0.7%	97.5%	56.3	56.2	-0.2	-0.3%
98.8% 100.0%	46.6 46.3	46.6 46.5	0.0	0.1%	98.8% 100.0%	50.8 50.5	50.8 50.5	0.0	0.0%	98.8% 100.0%	54.3 53.8	54.0 53.7	-0.3 -0.1	-0.6% -0.2%	98.8% 100.0%	56.2 55.4	55.6 55.3	-0.6 -0.1	-1.0% -0.2%
100.0%	40.3	40.0	0.3	0.0%	100.0%	50.5	50.5	0.0	0.0%	100.0%	U3.0	JJ.1	-U. I	*U.Z%	100.0%	JO.4	JJ.3	-U. I	-0.2%

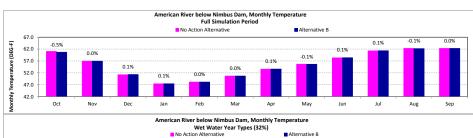
Table SQ-41-1b American River at the Mouth, Monthly Temperature Probability of Exceedance

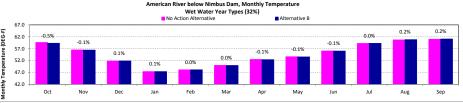
									Probabilit	y of Exceedance									
Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative A	Absolute Difference	Relative
Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
0.0%	(DEG-F) 76.0	(DEG-F) 75.3	-0.8	-1.0%		(DEG-F) 82.2	(DEG-F) 84.1	1.9	2.3%	(%) 0.0%	(DEG-F) 82.7	(DEG-F) 81.0	-1.8	-2.1%	0.0%	(DEG-F) 76.5	(DEG-F) 75.8	-0.7	-0.9%
1.3%	73.8	74.2	0.3	0.5%	1.3%	74.9	75.6	0.7	0.9%	1.3%	78.1	75.5	-2.6	-3.3%	1.3%	75.6	75.5	-0.1	-0.1%
2.5%	73.1	73.9	0.8	1.0%	2.5%	74.2	74.9	0.7	0.9%	2.5%	75.5	74.5	-1.0	-1.3%	2.5%	74.6	72.3	-2.2	-3.0%
3.8%	72.0	72.2	0.2	0.3%	3.8%	73.8	73.9	0.2	0.2%	3.8%	74.5	74.3	-0.2	-0.3%	3.8%	72.7	71.9	-0.8	-1.1%
5.0% 6.3%	70.5 67.3	69.1 66.9	-1.4 -0.3	-1.9% -0.5%	5.0% 6.3%	72.8 71.9	70.9 70.8	-2.0 -1.1	-2.7% -1.5%	5.0% 6.3%	73.6 73.2	71.7 71.4	-1.9 -1.8	-2.6% -2.5%	5.0% 6.3%	71.5 70.5	71.9 70.3	-0.3	0.6% -0.4%
7.5%	67.1	66.9	-0.3	-0.5%	7.5%	70.5	70.6	0.1	0.2%	7.5%	73.2	71.4	-0.3	-0.4%	7.5%	70.5	70.0	-0.3	-0.6%
8.8%	67.1	66.9	-0.2	-0.3%	8.8%	69.9	70.6	0.7	1.0%	8.8%	71.0	70.9	-0.1	-0.2%	8.8%	70.3	69.5	-0.7	-1.1%
10.0%	67.1	66.7	-0.3	-0.5%	10.0%	69.4	70.5	1.1	1.6%	10.0%	70.6	70.5	0.0	-0.1%	10.0%	70.3	69.5	-0.8	-1.1%
11.3%	66.9	66.7	-0.2	-0.3%	11.3%	69.4	69.6	0.2	0.3%	11.3%	70.4	70.3	-0.2	-0.2%	11.3%	69.6	69.4	-0.2	-0.3%
12.5% 13.8%	66.9 66.8	66.7 66.5	-0.2	-0.3% -0.4%	12.5% 13.8%	69.3 69.1	69.5 69.3	0.2	0.3%	12.5% 13.8%	70.1 69.9	69.9 69.9	-0.2 -0.1	-0.3% -0.1%	12.5% 13.8%	69.4 69.4	69.3 69.3	-0.1 0.0	-0.1% -0.1%
15.0%	66.7	66.5	-0.3 -0.2	-0.4%	15.0%	68.7	68.9	0.2	0.2%	15.0%	69.8	69.8	0.0	0.1%	15.0%	69.4	69.2	-0.1	-0.1%
16.3%	66.5	66.5	-0.1	-0.1%	16.3%	68.6	68.6	0.0	0.0%	16.3%	69.6	69.8	0.2	0.2%	16.3%	68.4	68.8	0.5	0.7%
17.5%	66.4	66.4	0.1	0.1%	17.5%	68.3	68.2	-0.2	-0.2%	17.5%	69.5	69.7	0.2	0.3%	17.5%	68.0	68.7	0.7	1.0%
18.8%	66.3	66.4	0.1	0.1%	18.8%	67.9	68.0	0.0	0.1%	18.8%	69.5	69.5	0.1	0.1%	18.8%	67.9	68.3	0.4	0.6%
20.0%	66.3 66.3	66.4 66.0	0.0 -0.2	0.0% -0.4%	20.0%	67.9 67.8	67.6 66.9	-0.3 -0.9	-0.4% -1.3%	20.0% 21.3%	68.9 68.5	69.4 68.4	0.5 -0.1	0.8% -0.1%	20.0% 21.3%	67.9 67.6	67.9 67.3	-0.1 -0.3	-0.1% -0.5%
22.5%	66.0	65.9	-0.2	-0.2%	22.5%	67.0	66.8	-0.2	-0.3%	22.5%	68.4	68.4	0.0	0.0%	22.5%	67.5	67.2	-0.3	-0.4%
23.8%	66.0	65.8	-0.2	-0.2%	23.8%	67.0	66.8	-0.2	-0.3%	23.8%	68.3	67.9	-0.4	-0.6%	23.8%	67.2	66.8	-0.4	-0.7%
25.0%	65.6	65.8	0.2	0.2%	25.0%	66.8	66.8	0.0	0.1%	25.0%	68.3	67.7	-0.5	-0.7%	25.0%	67.2	66.7	-0.5	-0.8%
26.3%	65.4	65.5	0.1	0.1%	26.3%	66.7	66.6	-0.1	-0.1%	26.3%	68.0	67.6	-0.4	-0.5%	26.3%	67.1	66.5	-0.6	-0.9%
27.5% 28.8%	65.4 65.2	65.4 65.1	0.0 -0.1	0.0% -0.1%	27.5% 28.8%	66.5 66.4	66.6 66.4	0.1	0.2% 0.1%	27.5% 28.8%	67.9 67.7	67.6 67.6	-0.3 -0.1	-0.4% -0.1%	27.5% 28.8%	66.8 66.8	66.4 66.3	-0.4 -0.4	-0.6% -0.6%
30.0%	65.2	65.1	-0.1	-0.1%	30.0%	66.3	66.4	0.1	0.1%	30.0%	67.6	67.4	-0.1	-0.1%	30.0%	66.6	66.3	-0.3	-0.4%
31.3%	65.1	64.8	-0.3	-0.5%	31.3%	66.3	66.2	-0.1	-0.1%	31.3%	67.5	67.4	-0.1	-0.2%	31.3%	66.6	66.2	-0.4	-0.6%
32.5%	64.9	64.8	-0.1	-0.1%	32.5%	66.2	66.2	0.0	0.0%	32.5%	67.5	67.4	-0.1	-0.1%	32.5%	66.6	66.2	-0.4	-0.6%
33.8% 35.0%	64.3 64.3	64.6 64.3	0.3	0.5%	33.8% 35.0%	66.2 66.1	66.2 66.2	0.0	0.0%	33.8% 35.0%	67.5 67.4	67.4 67.4	-0.1 0.0	-0.1% 0.0%	33.8% 35.0%	66.3 66.3	66.2 66.2	-0.1 -0.1	-0.1% -0.2%
36.3%	64.1	64.2	0.1	0.2%	36.3%	66.0	66.1	0.1	0.1%	36.3%	67.4	67.4	0.0	0.0%	36.3%	66.3	66.1	-0.1	-0.2%
37.5%	64.0	64.0	0.0	0.0%	37.5%	66.0	66.1	0.2	0.3%	37.5%	67.4	67.3	0.0	0.0%	37.5%	66.2	66.1	-0.1	-0.1%
38.8%	63.7	63.7	0.0	-0.1%	38.8%	65.9	66.1	0.2	0.3%	38.8%	67.3	67.3	0.0	0.0%	38.8%	66.2	66.1	0.0	-0.1%
40.0%	63.7	63.6	-0.1	-0.1%	40.0%	65.9	66.1	0.2	0.3%	40.0%	67.3	67.3	-0.1	-0.1%	40.0%	66.1	66.1	0.1	0.1%
41.3% 42.5%	63.5 63.4	63.6 63.4	0.0	0.1%	41.3% 42.5%	65.8 65.8	66.0 65.9	0.2 0.1	0.2%	41.3% 42.5%	67.3 67.3	67.3 67.3	-0.1 -0.1	-0.1% -0.1%	41.3% 42.5%	66.0 66.0	66.1 66.1	0.1	0.2%
43.8%	63.4	63.3	0.0	0.0%	43.8%	65.8	65.9	0.1	0.2%	43.8%	67.3	67.2	-0.1	-0.1%	43.8%	65.9	66.0	0.1	0.2%
45.0%	63.3	63.2	-0.1	-0.2%	45.0%	65.8	65.8	0.0	0.1%	45.0%	67.3	67.2	0.0	-0.1%	45.0%	65.9	66.0	0.1	0.2%
46.3%	63.1	63.2	0.1	0.2%	46.3%	65.7	65.8	0.1	0.1%	46.3%	67.3	67.1	-0.2	-0.2%	46.3%	65.9	66.0	0.1	0.2%
47.5%	63.0	63.1	0.1	0.1%	47.5%	65.7	65.8	0.2	0.3%	47.5%	67.2	67.1	-0.2	-0.2%	47.5%	65.9	66.0	0.1	0.2%
48.8% 50.0%	63.0 62.9	63.1 63.0	0.1	0.2%	48.8% 50.0%	65.6 65.6	65.8 65.8	0.2	0.3%	48.8% 50.0%	67.2 67.2	67.1 67.1	-0.1 -0.1	-0.2% -0.2%	48.8% 50.0%	65.8 65.8	66.0 65.9	0.2	0.2%
51.3%	62.8	63.0	0.1	0.3%	51.3%	65.5	65.7	0.2	0.3%	51.3%	67.2	67.0	-0.1	-0.2%	51.3%	65.7	65.9	0.1	0.3%
52.5%	62.7	62.9	0.3	0.4%	52.5%	65.5	65.7	0.2	0.3%	52.5%	67.1	67.0	-0.2	-0.3%	52.5%	65.7	65.8	0.1	0.2%
53.8%	62.5	62.9	0.3	0.5%	53.8%	65.4	65.7	0.2	0.4%	53.8%	67.1	66.9	-0.3	-0.4%	53.8%	65.7	65.8	0.2	0.2%
55.0%	62.5	62.8	0.3	0.6%	55.0%	65.4	65.6	0.2	0.3%	55.0%	67.1	66.9	-0.2	-0.3%	55.0%	65.7	65.8	0.2	0.2%
56.3% 57.5%	62.5 62.4	62.8 62.7	0.3	0.5%	56.3% 57.5%	65.4 65.4	65.5 65.5	0.1	0.2%	56.3% 57.5%	67.0 66.9	66.8 66.8	-0.1 -0.1	-0.2% -0.2%	56.3% 57.5%	65.6 65.6	65.8 65.8	0.2	0.3%
58.8%	62.3	62.7	0.4	0.6%	58.8%	65.4	65.5	0.1	0.2%	58.8%	66.9	66.8	-0.1	-0.1%	58.8%	65.5	65.7	0.1	0.4%
60.0%	62.0	62.4	0.4	0.7%	60.0%	65.3	65.4	0.1	0.2%	60.0%	66.8	66.8	0.0	0.0%	60.0%	65.5	65.5	0.0	0.0%
61.3%	62.0	62.4	0.4	0.6%	61.3%	65.3	65.4	0.1	0.2%	61.3%	66.7	66.7	0.0	0.0%	61.3%	65.5	65.4	0.0	0.0%
62.5%	62.0	62.3	0.3	0.5%	62.5%	65.2	65.4	0.3	0.4%	62.5%	66.7	66.7	0.0	0.0%	62.5%	65.5	65.3	-0.2	-0.3%
63.8% 65.0%	61.8 61.8	62.1 62.0	0.3	0.5%	63.8% 65.0%	65.2 65.2	65.4 65.3	0.2	0.3%	63.8% 65.0%	66.7 66.7	66.6 66.6	-0.1 -0.1	-0.1% -0.2%	63.8% 65.0%	65.4 65.4	65.3 65.2	-0.2 -0.2	-0.2% -0.3%
66.3%	61.7	62.0	0.2	0.4%	66.3%	65.1	65.3	0.2	0.3%	66.3%	66.6	66.6	0.0	-0.1%	66.3%	65.3	65.2	-0.1	-0.1%
67.5%	61.7	61.9	0.2	0.4%	67.5%	65.1	65.3	0.2	0.3%	67.5%	66.6	66.5	-0.1	-0.1%	67.5%	65.2	65.2	0.0	0.0%
68.8%	61.7	61.9	0.2	0.3%	68.8%	65.0	65.3	0.3	0.4%	68.8%	66.5	66.5	0.0	0.0%	68.8%	65.1	65.0	-0.1	-0.2%
70.0% 71.3%	61.7 61.6	61.9 61.6	0.2	0.3%	70.0% 71.3%	65.0 65.0	65.1 65.1	0.1	0.2%	70.0% 71.3%	66.5 66.5	66.5 66.5	0.0	-0.1% 0.0%	70.0% 71.3%	64.9 64.8	64.8 64.6	-0.1 -0.1	-0.1% -0.2%
71.5%	61.6	61.6	0.0	-0.1%	71.5%	65.0	65.1	0.1	0.2%	71.5%	66.4	66.4	0.0	0.0%	71.5%	64.7	64.6	-0.1	-0.2%
73.8%	61.5	61.5	0.0	0.0%	73.8%	65.0	65.1	0.1	0.2%	73.8%	66.4	66.2	-0.2	-0.3%	73.8%	64.7	64.6	-0.1	-0.1%
75.0%	61.5	61.5	0.0	0.0%	75.0%	64.9	65.1	0.2	0.3%	75.0%	66.4	66.1	-0.3	-0.4%	75.0%	64.6	64.6	0.0	-0.1%
76.3%	61.2	61.4	0.2	0.4%	76.3%	64.7	65.1	0.3	0.5%	76.3%	66.3	66.0	-0.3	-0.5%	76.3%	64.6	64.5	-0.1	-0.1%
77.5% 78.8%	61.1 60.9	61.2 61.0	0.1	0.2% 0.2%	77.5% 78.8%	64.7 64.6	64.7 64.7	0.0 0.1	0.0% 0.1%	77.5% 78.8%	66.3 66.2	65.9 65.9	-0.3 -0.3	-0.5% -0.5%	77.5% 78.8%	64.5 64.5	64.4 64.4	-0.1 -0.1	-0.2% -0.2%
80.0%	60.7	60.9	0.1 0.2	0.3%	80.0%	64.6	64.6	0.0	0.0%	80.0%	66.0	65.8	-0.3	-0.5%	80.0%	64.4	64.4	-0.1	-0.1%
81.3%	60.7	60.8	0.0	0.1%	81.3%	64.6	64.6	0.0	0.0%	81.3%	65.8	65.6	-0.2	-0.4%	81.3%	64.4	64.3	-0.1	-0.1%
82.5%	60.7	60.7	0.0	0.0%	82.5%	64.6	64.5	0.0	0.0%	82.5%	65.6	65.6	0.0	0.0%	82.5%	64.3	64.3	0.0	0.0%
83.8%	60.7	60.7	0.0	0.0%	83.8%	64.6	64.5	-0.1	-0.1%	83.8%	65.6	65.5	-0.1	-0.1%	83.8%	64.2	64.2	0.0	0.0%
85.0%	60.6	60.6	0.0	0.0%	85.0%	64.5	64.5	0.0	0.0%	85.0%	65.6	65.4	-0.2	-0.2%	85.0%	64.2	64.2	0.0	0.0%
86.3% 87.5%	60.6 60.5	60.6 60.5	0.0	0.0%	86.3% 87.5%	64.4 64.3	64.5 64.3	0.1	0.1%	86.3% 87.5%	65.5 65.4	65.4 65.4	-0.1 0.0	-0.1% -0.1%	86.3% 87.5%	64.2 64.2	64.2 64.2	0.0	0.0% -0.1%
88.8%	60.4	60.4	0.0	0.0%	88.8%	64.2	64.3	0.1	0.1%	88.8%	65.3	65.3	0.0	0.1%	88.8%	64.2	64.1	0.0	-0.1%
90.0%	60.3	60.4	0.2	0.3%	90.0%	64.2	64.2	0.1	0.1%	90.0%	65.3	65.3	0.0	0.1%	90.0%	64.2	64.1	-0.1	-0.2%
91.3%	60.2	60.3	0.1	0.2%	91.3%	64.1	64.2	0.1	0.1%	91.3%	65.1	65.3	0.2	0.3%	91.3%	64.1	64.0	0.0	-0.1%
92.5%	60.1	60.1	0.0	0.0%	92.5%	64.1	64.0	-0.1	-0.1%	92.5%	65.1	65.3	0.2	0.3%	92.5%	64.0	64.0	0.0	0.0%
93.8% 95.0%	59.5 59.2	59.5 59.2	0.0	0.1%	93.8% 95.0%	64.0 63.6	64.0 63.6	0.0	0.0%	93.8% 95.0%	65.1 65.0	65.3 65.3	0.3	0.4%	93.8% 95.0%	63.8 63.8	64.0 64.0	0.1	0.2%
96.3%	59.2 58.8	59.2 58.8	0.0	-0.1%	95.0%	63.4	63.4	0.0	-0.1% -0.1%	95.0%	64.9	65.1	0.3	0.4%	95.0%	63.8	63.9	0.1	0.2%
97.5%	58.7	58.6	-0.1	-0.1%	97.5%	63.0	62.9	-0.1	-0.2%	97.5%	64.9	65.0	0.1	0.1%	97.5%	63.8	63.7	-0.1	-0.2%
98.8%	58.1	58.0	0.0	0.0%	98.8%	61.9	62.3	0.4	0.7%	98.8%	64.9	64.9	0.0	0.0%	98.8%	63.8	63.7	-0.1	-0.1%
100.0%	57.8	58.0	0.2	0.4%	100.0%	61.7	61.8	0.1	0.2%	100.0%	64.7	64.7	0.1	0.1%	100.0%	63.5	63.3	-0.2	-0.2%

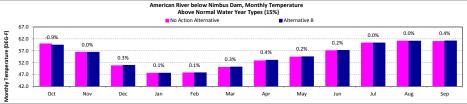
Table SQ-39-2a American River below Nimbus Dam, Monthly Temperature

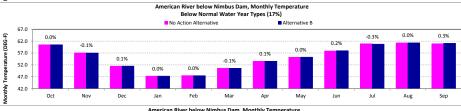
		Long-	term Aver	age and A	werage b	/ Water Ye	ar Type					
					Mon	thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	61.0	56.9	51.2	47.4	48.1	50.7	53.6	55.7	58.3	61.3	62.3	62.3
Alternative B	60.7	56.9	51.3	47.5	48.2	50.7	53.6	55.6	58.4	61.3	62.2	62.3
Difference	-0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	0.0
Percent Difference ³	-0.5%	0.0%	0.1%	0.1%	0.0%	0.0%	0.1%	-0.1%	0.1%	0.1%	-0.1%	0.0%
				Water Y	ear Types	2						
Wet (32%)												
No Action Alternative	59.6	56.5	51.8	47.4	48.1	50.0	52.5	53.6	56.1	59.2	60.7	61.0
Alternative B	59.3	56.4	51.9	47.4	48.2	50.0	52.4	53.6	56.0	59.3	60.8	61.1
Difference	-0.3	-0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.1	0.1
Percent Difference	-0.5%	-0.1%	0.1%	0.1%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	0.0%	0.2%	0.2%
Above Normal (15%)												
No Action Alternative	60.0	56.4	50.8	47.6	47.8	50.1	52.8	54.4	57.1	60.3	61.1	60.9
Alternative B	59.4	56.4	50.9	47.6	47.8	50.2	53.1	54.5	57.2	60.3	61.1	61.2
Difference	-0.5	0.0	0.1	0.0	0.0	0.2	0.2	0.1	0.1	0.0	0.0	0.2
Percent Difference	-0.9%	0.0%	0.3%	0.1%	0.1%	0.3%	0.4%	0.2%	0.2%	0.0%	0.0%	0.4%
Below Normal (17%)												
No Action Alternative	60.5	57.0	51.5	47.3	47.5	50.6	53.5	55.2	57.8	60.9	61.2	60.9
Alternative B	60.5	57.0	51.5	47.3	47.5	50.6	53.6	55.3	58.0	60.7	61.3	61.1
Difference	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.2	0.0	0.2
Percent Difference	0.0%	-0.1%	0.1%	0.0%	0.0%	-0.1%	0.1%	0.0%	0.2%	-0.3%	0.0%	0.3%
Dry (22%)												
No Action Alternative	62.1	57.3	51.3	47.5	48.5	51.0	54.2	56.9	59.4	61.8	62.7	62.7
Alternative B	61.5	57.3	51.4	47.6	48.4	51.0	54.3	57.0	59.6	61.6	62.6	62.5
Difference	-0.6	0.0	0.1	0.1	-0.1	0.0	0.1	0.2	0.1	-0.2	-0.1	-0.2
Percent Difference	-0.9%	0.0%	0.2%	0.1%	-0.2%	-0.1%	0.2%	0.3%	0.2%	-0.3%	-0.1%	-0.39
Critical (15%)												
No Action Alternative	64.0	57.8	50.1	47.3	48.8	52.3	55.8	60.0	63.4	66.3	67.5	67.3
Alternative B	63.9	57.9	50.2	47.4	48.9	52.4	55.8	59.5	63.5	67.1	66.9	67.0
Difference	-0.1	0.1	0.1	0.1	0.2	0.1	-0.1	-0.5	0.1	0.8	-0.6	-0.3
Percent Difference	-0.1%	0.2%	0.2%	0.1%	0.3%	0.2%	-0.1%	-0.9%	0.1%	1.2%	-0.9%	-0.49

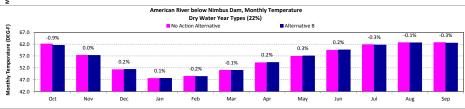
3 Relative difference of the monthly average











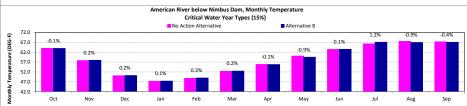


Figure SQ-39-2b

American River below Nimbus Dam, Monthly Temperature

Probability of Exceedance

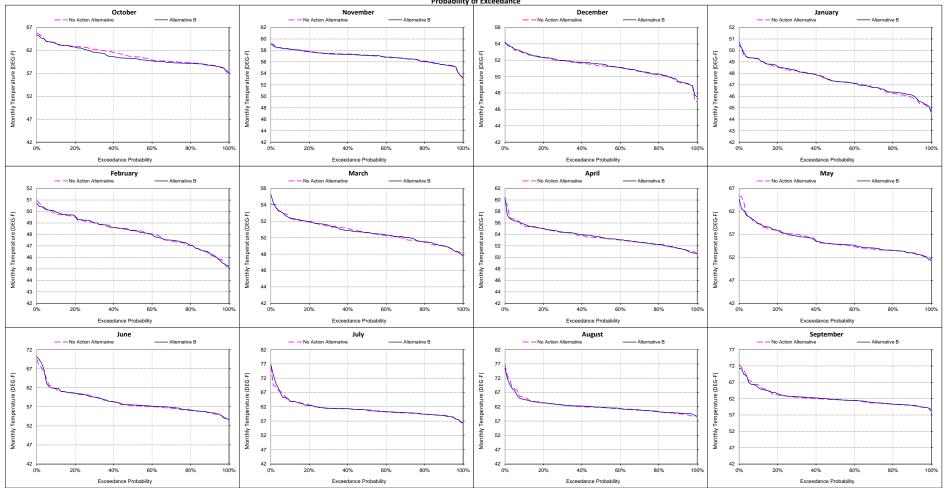


Table SQ-39-2b American River below Nimbus Dam, Monthly Temperature Probability of Exceedance

									Probabilit	y of Exceedance									
Percent		October			Percent		November			Percent		December			Percent		January		
Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative
Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)
0.0%	65.8	65.4	-0.4	-0.7%	0.0%	59.1	59.2	0.0	0.0%	0.0%	54.1	54.2	0.1	0.1%	0.0%	50.8	50.5	-0.3	-0.6%
1.3%	65.5	65.1	-0.4	-0.6%	1.3%	58.8	59.1	0.3	0.5%	1.3%	53.9	53.8	-0.1	-0.1%	1.3%	50.2	50.2	0.0	0.1%
2.5% 3.8%	65.2 64.5	64.6 64.6	-0.5 0.1	-0.8% 0.2%	2.5% 3.8%	58.6 58.5	58.6 58.5	0.0	0.0%	2.5% 3.8%	53.8 53.7	53.7 53.6	-0.1 -0.1	-0.1% -0.1%	2.5% 3.8%	49.5 49.5	49.8 49.5	0.3	0.6%
5.0%	64.0	63.9	0.0	0.0%	5.0%	58.4	58.5	0.1	0.1%	5.0%	53.2	53.3	0.1	0.2%	5.0%	49.4	49.4	0.0	0.0%
6.3%	64.0	63.9	-0.1	-0.1%	6.3%	58.4	58.4	0.0	0.0%	6.3%	53.1	53.3	0.1	0.2%	6.3%	49.3	49.3	0.0	0.0%
7.5% 8.8%	63.9 63.7	63.8 63.8	-0.1 0.0	-0.1% 0.0%	7.5% 8.8%	58.4 58.3	58.3 58.3	0.0 -0.1	-0.1% -0.1%	7.5% 8.8%	53.1 53.1	53.2 52.9	0.1 -0.2	-0.3%	7.5% 8.8%	49.3 49.3	49.3 49.3	0.0	0.0%
10.0%	63.4	63.6	0.0	0.3%	10.0%	58.2	58.2	0.0	0.0%	10.0%	52.8	52.9	0.1	0.2%	10.0%	49.3	49.3	0.0	0.0%
11.3%	63.3	63.2	-0.2	-0.3%	11.3%	58.1	58.2	0.1	0.1%	11.3%	52.8	52.9	0.1	0.3%	11.3%	49.1	49.1	0.0	0.0%
12.5%	63.2	63.2	0.0	0.0%	12.5%	58.1	58.1	0.1	0.1%	12.5%	52.7	52.6	-0.1	-0.2%	12.5%	49.0	49.0	0.0	0.0%
13.8% 15.0%	63.1 63.1	63.1 63.1	0.0	0.0%	13.8% 15.0%	58.0 58.0	58.1 58.1	0.0	0.1%	13.8% 15.0%	52.6 52.5	52.6 52.5	0.0	0.0%	13.8% 15.0%	48.9 48.8	48.8 48.8	0.0	-0.1% -0.1%
16.3%	63.1	63.1	0.0	0.0%	16.3%	58.0	58.0	-0.1	-0.1%	16.3%	52.5	52.5	0.0	0.0%	16.3%	48.7	48.8	0.1	0.1%
17.5%	63.0	62.8	-0.1	-0.2%	17.5%	57.9	57.8	-0.1	-0.2%	17.5%	52.4	52.5	0.1	0.2%	17.5%	48.7	48.8	0.1	0.3%
18.8% 20.0%	62.9 62.9	62.8 62.7	-0.2 -0.2	-0.2% -0.3%	18.8% 20.0%	57.9 57.8	57.8 57.8	-0.1 -0.1	-0.2% -0.1%	18.8% 20.0%	52.4 52.3	52.4 52.4	0.0	0.0%	18.8% 20.0%	48.6 48.5	48.7 48.6	0.2	0.3%
21.3%	62.8	62.5	-0.3	-0.4%	21.3%	57.8	57.7	-0.1	-0.1%	21.3%	52.3	52.3	0.0	0.1%	21.3%	48.5	48.5	0.0	0.0%
22.5%	62.8	62.5	-0.3	-0.4%	22.5%	57.7	57.7	0.0	-0.1%	22.5%	52.2	52.3	0.0	0.1%	22.5%	48.4	48.5	0.1	0.1%
23.8%	62.7 62.6	62.4 62.2	-0.3	-0.4%	23.8%	57.6 57.6	57.6 57.6	0.0	0.1%	23.8%	52.2 52.1	52.3 52.2	0.1	0.2%	23.8%	48.4 48.3	48.5 48.4	0.1	0.2%
25.0%	62.6	62.2	-0.4 -0.5	-0.7% -0.8%	25.0% 26.3%	57.5	57.6	0.0	0.0%	25.0% 26.3%	52.1 52.0	52.2 52.2	0.1	0.2%	25.0% 26.3%	48.3 48.3	48.4 48.4	0.1	0.3%
27.5%	62.4	61.9	-0.5	-0.8%	27.5%	57.5	57.5	0.0	-0.1%	27.5%	52.0	52.0	0.0	0.1%	27.5%	48.3	48.3	0.1	0.2%
28.8%	62.3	61.7	-0.6	-1.0%	28.8%	57.5	57.5	0.0	-0.1%	28.8%	52.0	52.0	0.0	0.1%	28.8%	48.2	48.3	0.1	0.1%
30.0%	62.3 62.3	61.6 61.5	-0.6	-1.0%	30.0%	57.5 57.5	57.4 57.4	-0.1 -0.1	-0.2%	30.0%	51.9 51.9	52.0 52.0	0.0	0.1%	30.0%	48.2 48.2	48.2 48.1	0.0	0.0%
31.3% 32.5%	62.3	61.4	-0.7 -0.7	-1.2% -1.0%	31.3% 32.5%	57.5 57.5	57.3	-0.1	-0.2% -0.2%	31.3% 32.5%	51.9	52.0	0.0	0.1%	31.3% 32.5%	48.1	48.1	0.0	-0.1% 0.0%
33.8%	62.0	61.4	-0.6	-1.0%	33.8%	57.5	57.3	-0.1	-0.2%	33.8%	51.9	51.9	0.0	0.0%	33.8%	48.1	48.1	0.0	0.1%
35.0%	61.9	61.3	-0.6	-0.9%	35.0%	57.4	57.3	-0.1	-0.1%	35.0%	51.7	51.8	0.1	0.1%	35.0%	48.1	48.0	0.0	-0.1%
36.3% 37.5%	61.8 61.8	61.0 60.7	-0.9 -1.1	-1.4% -1.8%	36.3% 37.5%	57.4 57.4	57.3 57.3	-0.1 -0.1	-0.1% -0.1%	36.3% 37.5%	51.7 51.7	51.8 51.8	0.0	0.1%	36.3% 37.5%	48.0 48.0	48.0 48.0	0.0	-0.1% 0.0%
38.8%	61.8	60.7	-1.1	-1.7%	38.8%	57.4	57.3	-0.1	-0.1%	38.8%	51.7	51.8	0.1	0.2%	38.8%	47.9	48.0	0.0	0.0%
40.0%	61.5	60.7	-0.9	-1.4%	40.0%	57.4	57.3	-0.1	-0.1%	40.0%	51.6	51.8	0.1	0.2%	40.0%	47.9	47.9	0.0	0.0%
41.3% 42.5%	61.5 61.4	60.5 60.4	-0.9 -1.0	-1.5% -1.5%	41.3% 42.5%	57.4 57.3	57.3 57.3	-0.1 0.0	-0.1% -0.1%	41.3% 42.5%	51.6 51.6	51.7 51.7	0.1	0.2%	41.3% 42.5%	47.8 47.8	47.8 47.8	0.0	0.0%
43.8%	61.2	60.4	-0.9	-1.4%	43.8%	57.3	57.2	-0.1	-0.1%	43.8%	51.5	51.7	0.1	0.3%	43.8%	47.6	47.7	0.0	0.3%
45.0%	61.2	60.3	-0.8	-1.4%	45.0%	57.3	57.2	-0.1	-0.1%	45.0%	51.5	51.6	0.1	0.3%	45.0%	47.5	47.5	0.0	0.0%
46.3%	61.0	60.3	-0.7	-1.1%	46.3%	57.2	57.2	0.0	-0.1%	46.3%	51.5	51.6	0.2	0.3%	46.3%	47.4	47.5	0.1	0.1%
47.5% 48.8%	60.8 60.7	60.3 60.2	-0.5 -0.5	-0.8% -0.8%	47.5% 48.8%	57.2 57.2	57.2 57.1	0.0	-0.1% -0.1%	47.5% 48.8%	51.4 51.3	51.6 51.5	0.2	0.4%	47.5% 48.8%	47.4 47.3	47.4 47.3	0.0	0.1%
50.0%	60.6	60.2	-0.4	-0.6%	50.0%	57.2	57.1	0.0	-0.1%	50.0%	51.3	51.5	0.2	0.5%	50.0%	47.3	47.3	0.0	0.0%
51.3%	60.6	60.2	-0.4	-0.6%	51.3%	57.1	57.1	0.0	0.0%	51.3%	51.3	51.5	0.2	0.4%	51.3%	47.3	47.3	0.0	0.0%
52.5% 53.8%	60.6 60.6	60.1 60.0	-0.5 -0.6	-0.8% -1.0%	52.5% 53.8%	57.1 57.0	57.1 57.1	0.0	0.1% 0.1%	52.5% 53.8%	51.3 51.2	51.5 51.3	0.2	0.4%	52.5% 53.8%	47.3 47.2	47.3 47.3	0.0	0.0%
55.0%	60.4	59.9	-0.5	-0.8%	55.0%	57.0	57.1	0.1	0.1%	55.0%	51.2	51.3	0.1	0.1%	55.0%	47.2	47.2	0.0	0.0%
56.3%	60.3	59.9	-0.4	-0.7%	56.3%	57.0	57.1	0.1	0.2%	56.3%	51.2	51.2	0.0	0.0%	56.3%	47.2	47.2	0.0	0.1%
57.5%	60.3	59.8	-0.5	-0.8%	57.5%	57.0	57.0	0.0	0.0%	57.5%	51.2	51.2	0.0	0.1%	57.5%	47.2	47.2	0.0	0.0%
58.8% 60.0%	60.0 59.9	59.7 59.7	-0.2 -0.2	-0.4% -0.4%	58.8% 60.0%	56.8 56.8	56.9 56.8	0.1 0.1	0.1%	58.8% 60.0%	51.1 51.1	51.1 51.1	0.0	0.0%	58.8% 60.0%	47.2 47.1	47.2 47.1	0.0	-0.1% 0.0%
61.3%	59.8	59.6	-0.2	-0.3%	61.3%	56.8	56.8	0.0	0.1%	61.3%	51.1	51.0	-0.1	-0.2%	61.3%	47.1	47.1	0.0	0.0%
62.5%	59.8	59.6	-0.1	-0.2%	62.5%	56.8	56.8	0.1	0.1%	62.5%	51.0	51.0	0.0	0.0%	62.5%	47.0	47.0	0.0	-0.1%
63.8% 65.0%	59.7 59.7	59.6 59.6	-0.1 -0.1	-0.2% -0.2%	63.8% 65.0%	56.7 56.7	56.8 56.7	0.0	0.0%	63.8% 65.0%	50.9 50.9	50.9 50.9	0.0	0.0%	63.8% 65.0%	47.0 47.0	47.0 47.0	-0.1 0.0	-0.1% -0.1%
66.3%	59.7	59.6	-0.1	-0.2%	66.3%	56.7	56.7	0.0	0.0%	66.3%	50.9	50.9	0.0	0.1%	66.3%	47.0	46.9	-0.1	-0.1%
67.5%	59.6	59.4	-0.2	-0.4%	67.5%	56.7	56.7	0.0	0.0%	67.5%	50.8	50.8	0.0	0.0%	67.5%	47.0	46.8	-0.2	-0.3%
68.8%	59.6	59.4	-0.2	-0.4%	68.8%	56.7	56.6	0.0	0.0%	68.8%	50.7	50.7	-0.1	-0.1%	68.8%	46.8	46.8	0.0	0.1%
70.0% 71.3%	59.6 59.6	59.3 59.3	-0.2 -0.3	-0.4% -0.5%	70.0% 71.3%	56.5 56.5	56.6 56.5	0.1	0.2%	70.0% 71.3%	50.7 50.6	50.7 50.6	0.0 -0.1	0.0%	70.0% 71.3%	46.8 46.8	46.8 46.8	0.0	0.0%
72.5%	59.6	59.3	-0.3	-0.5%	72.5%	56.5	56.5	0.0	0.0%	72.5%	50.6	50.6	0.0	0.0%	72.5%	46.7	46.7	0.0	0.0%
73.8%	59.5	59.3	-0.2	-0.3%	73.8%	56.5	56.5	0.0	0.0%	73.8%	50.5	50.5	0.1	0.2%	73.8%	46.6	46.6	0.1	0.1%
75.0%	59.4	59.3	-0.2	-0.3%	75.0%	56.5	56.5	0.0	0.0%	75.0%	50.3	50.5	0.2	0.3%	75.0%	46.6	46.6	0.0	0.1%
76.3% 77.5%	59.4 59.4	59.2 59.2	-0.2 -0.2	-0.3% -0.3%	76.3% 77.5%	56.4 56.3	56.4 56.2	0.0 -0.1	-0.1% -0.2%	76.3% 77.5%	50.3 50.3	50.3 50.3	0.0	0.1%	76.3% 77.5%	46.4 46.3	46.5 46.4	0.1	0.3%
78.8%	59.4	59.2	-0.2	-0.3%	78.8%	56.2	56.1	-0.1	-0.1%	78.8%	50.3	50.3	0.1	0.2%	78.8%	46.3	46.4	0.1	0.1%
80.0%	59.4	59.2	-0.2	-0.4%	80.0%	56.1	56.0	-0.1	-0.2%	80.0%	50.2	50.3	0.1	0.2%	80.0%	46.3	46.4	0.1	0.2%
81.3% 82.5%	59.4 59.2	59.1 59.1	-0.2 -0.1	-0.4% -0.1%	81.3% 82.5%	56.1 56.0	56.0 56.0	-0.1 0.0	-0.2% -0.1%	81.3% 82.5%	50.2 50.1	50.3 50.2	0.1	0.2%	81.3% 82.5%	46.2 46.2	46.4 46.3	0.2	0.3%
82.5% 83.8%	59.2 59.2	59.1 59.1	-0.1	-0.1% -0.1%	82.5% 83.8%	56.0 56.0	56.0 55.9	-0.1	-0.1% -0.2%	82.5% 83.8%	50.1 50.0	50.2 50.1	0.0	0.1%	82.5% 83.8%	46.2 46.1	46.3 46.3	0.1	0.2%
85.0%	59.1	59.1	0.0	0.0%	85.0%	55.8	55.8	0.0	-0.1%	85.0%	49.9	50.0	0.0	0.0%	85.0%	46.1	46.3	0.1	0.3%
86.3%	59.0	59.0	0.0	0.0%	86.3%	55.7	55.7	0.0	0.0%	86.3%	49.9	49.9	0.0	0.0%	86.3%	46.1	46.2	0.2	0.3%
87.5% 88.8%	59.0 58.9	58.9 58.8	-0.1 -0.1	-0.2% -0.2%	87.5% 88.8%	55.6 55.6	55.7 55.5	0.1 -0.1	0.1% -0.1%	87.5% 88.8%	49.8 49.4	49.8 49.8	0.1	0.1%	87.5% 88.8%	46.0 46.0	46.2 46.1	0.1 0.2	0.3%
90.0%	58.9 58.8	58.8	-0.1	-0.2%	90.0%	55.5	55.5 55.5	-0.1	-0.1%	90.0%	49.4 49.4	49.8	0.3	0.6%	90.0%	46.0 45.9	46.1 46.1	0.2	0.4%
91.3%	58.8	58.7	-0.1	-0.1%	91.3%	55.5	55.4	-0.1	-0.1%	91.3%	49.2	49.4	0.1	0.2%	91.3%	45.8	46.0	0.2	0.5%
92.5%	58.7	58.6	-0.1	-0.1%	92.5%	55.4	55.4	-0.1	-0.1%	92.5%	49.2	49.3	0.1	0.2%	92.5%	45.8	45.8	0.0	0.0%
93.8% 95.0%	58.5 58.4	58.5 58.5	0.0	-0.1% 0.1%	93.8% 95.0%	55.4 55.3	55.3 55.2	-0.1 -0.1	-0.2% -0.2%	93.8% 95.0%	49.2 49.2	49.2 49.1	0.0 -0.1	0.0%	93.8% 95.0%	45.4 45.4	45.5 45.5	0.2 0.1	0.4%
96.3%	58.3	58.2	-0.1	-0.2%	96.3%	55.0	55.1	0.1	0.3%	96.3%	49.2	49.0	0.0	0.0%	96.3%	45.3	45.4 45.4	0.1	0.3%
97.5%	58.1	58.1	0.0	0.0%	97.5%	54.1	54.1	0.0	0.1%	97.5%	49.0	48.9	0.0	-0.1%	97.5%	45.3	45.1	-0.1	-0.3%
98.8%	57.6	57.3	-0.3	-0.5%	98.8%	53.6	53.6	0.0	0.0%	98.8%	47.1	47.7	0.7	1.4%	98.8%	45.2	45.1	0.0	0.0%
100.0%	57.3	57.1	-0.3	-0.5%	100.0%	53.2	53.2	0.0	0.0%	100.0%	46.9	47.5	0.6	1.3%	100.0%	44.5	44.7	0.1	0.3%

Table SQ-39-2b American River below Nimbus Dam, Monthly Temperature Probability of Exceedance

April

May

March

February

Percent		February			Percent		March			Percent		Aprii			Percent		мау		
Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative
Probability	Monthly Temperature		Difference (DEG-F)	Difference (%)	Probability		Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)			(%)	(DEG-F)	(DEG-F)		
0.0%	51.0	50.7	-0.2	-0.4%	0.0%	54.1	55.3	1.2	2.1%	0.0%	59.8	60.5	0.7	1.1%	0.0%	65.4	64.7	-0.7	-1.1%
1.3%	50.8	50.4	-0.3	-0.7%	1.3%	54.1	54.3 53.7	0.2	0.4%	1.3%	59.1	57.3	-1.8	-3.0%	1.3%	65.2	62.5 62.2	-2.6 -1.7	-4.1%
2.5% 3.8%	50.4 50.4	50.4 50.3	0.0 -0.1	0.0% -0.2%	2.5% 3.8%	54.0 53.3	53.7	-0.3 0.1	-0.6% 0.2%	2.5% 3.8%	56.9 56.8	56.8 56.5	-0.1	-0.1% -0.4%	2.5% 3.8%	63.9 61.3	61.1	-1.7	-2.6% -0.3%
5.0%	50.4	50.3	0.0	-0.2%	5.0%	53.3	53.3	0.1	0.2%	5.0%	56.7	56.3	-0.3 -0.3	-0.4%	5.0%	60.8	60.9	0.1	0.1%
6.3%	50.2	50.1	0.0	-0.1%	6.3%	53.0	53.0	0.0	0.1%	6.3%	56.4	56.3	-0.1	-0.2%	6.3%	60.6	60.5	-0.1	-0.1%
7.5%	50.1	50.1	0.0	0.0%	7.5%	52.9	52.7	-0.2	-0.4%	7.5%	56.1	56.2	0.1	0.1%	7.5%	59.7	60.2	0.5	0.8%
8.8%	49.9	50.1	0.2	0.5%	8.8%	52.8	52.5	-0.2	-0.5%	8.8%	55.7	55.9	0.2	0.3%	8.8%	59.5	59.8	0.2	0.4%
10.0%	49.8	49.9	0.1	0.2%	10.0%	52.4	52.4	0.0	-0.1%	10.0%	55.5	55.8	0.3	0.6%	10.0%	59.4	59.3	-0.1	-0.1%
11.3%	49.7	49.9	0.2	0.3%	11.3%	52.3	52.3	-0.1	-0.1%	11.3%	55.3	55.6	0.3	0.5%	11.3%	59.3	59.2	-0.1	-0.2%
12.5%	49.7	49.8	0.1	0.2%	12.5%	52.3	52.2	-0.1	-0.2%	12.5%	55.3	55.4	0.1	0.2%	12.5%	58.6	58.8	0.3	0.4%
13.8%	49.7	49.8	0.0	0.1%	13.8%	52.3	52.2	-0.1	-0.2%	13.8%	55.3	55.4	0.1	0.1%	13.8%	58.5	58.7	0.2	0.3%
15.0%	49.7	49.7	0.1	0.2%	15.0%	52.2	52.1	-0.1	-0.1%	15.0%	55.3	55.4	0.1	0.2%	15.0%	58.3	58.7	0.4	0.7%
16.3%	49.6	49.7	0.1	0.2%	16.3%	52.1	52.1	0.0	-0.1%	16.3%	55.2	55.3	0.0	0.0%	16.3%	58.1	58.5	0.4	0.7%
17.5%	49.6	49.7	0.1	0.2%	17.5%	52.0	52.1	0.1	0.2%	17.5%	55.2	55.1	0.0	-0.1%	17.5%	58.1	58.1	0.0	0.0%
18.8%	49.6	49.7	0.1	0.2%	18.8%	51.9	52.0	0.1	0.1%	18.8%	55.1	55.1	0.0	0.0%	18.8%	57.9	58.0	0.1	0.1%
20.0%	49.5	49.6	0.1	0.2%	20.0%	51.9	52.0	0.0	0.1%	20.0%	55.0	55.1	0.1	0.1%	20.0%	57.8	57.9	0.1	0.1%
21.3%	49.2	49.3	0.1	0.2%	21.3%	51.8	51.9	0.1	0.3%	21.3%	54.9	54.9	0.0	0.0%	21.3%	57.8	57.6 57.3	-0.3	-0.5%
22.5% 23.8%	49.2 49.2	49.3 49.3	0.1	0.2%	22.5% 23.8%	51.8 51.7	51.8 51.7	0.0	0.1%	22.5% 23.8%	54.8 54.7	54.8 54.8	0.1	0.2%	22.5% 23.8%	57.4 57.3	57.3 57.2	-0.1 0.0	-0.2% -0.1%
25.0%	49.2	49.3	0.0	0.1%	25.0%	51.7	51.7	0.0	0.0%	25.0%	54.7 54.7	54.6	0.1	0.1%	25.0%	57.3 57.2	57.2 57.1	-0.2	-0.1%
26.3%	49.1	49.3	0.1	0.2%	26.3%	51.6	51.7	0.1	0.1%	26.3%	54.5	54.7	0.1	0.3%	26.3%	57.1	56.8	-0.3	-0.5%
27.5%	49.1	49.2	0.1	0.3%	27.5%	51.5	51.7	0.1	0.1%	27.5%	54.5	54.5	0.0	0.0%	27.5%	57.1	56.8	-0.3	-0.5%
28.8%	49.1	49.1	0.0	0.0%	28.8%	51.5	51.6	0.1	0.2%	28.8%	54.4	54.4	0.1	0.1%	28.8%	57.1	56.7	-0.3	-0.6%
30.0%	49.0	49.0	0.0	0.1%	30.0%	51.4	51.5	0.1	0.3%	30.0%	54.3	54.4	0.1	0.1%	30.0%	57.0	56.6	-0.4	-0.7%
31.3%	49.0	49.0	0.0	0.1%	31.3%	51.3	51.4	0.1	0.2%	31.3%	54.3	54.3	0.0	0.0%	31.3%	56.9	56.6	-0.3	-0.6%
32.5%	48.9	48.9	0.0	-0.1%	32.5%	51.3	51.4	0.1	0.2%	32.5%	54.3	54.3	0.0	0.0%	32.5%	56.8	56.5	-0.3	-0.6%
33.8%	48.9	48.8	0.0	-0.1%	33.8%	51.3	51.3	0.1	0.1%	33.8%	54.2	54.3	0.1	0.1%	33.8%	56.8	56.4	-0.3	-0.5%
35.0%	48.8	48.8	0.0	0.0%	35.0%	51.2	51.2	0.0	-0.1%	35.0%	54.2	54.3	0.0	0.1%	35.0%	56.6	56.4	-0.2	-0.3%
36.3%	48.7	48.8	0.1	0.2%	36.3%	51.2	51.0	-0.2	-0.4%	36.3%	54.2	54.2	0.0	-0.1%	36.3%	56.4	56.3	-0.1	-0.1%
37.5%	48.6	48.8	0.2	0.3%	37.5%	51.2	51.0	-0.2	-0.5%	37.5%	53.9	54.1	0.2	0.4%	37.5%	56.3	56.2	-0.2	-0.3%
38.8%	48.6	48.6	0.0	0.0%	38.8%	51.2	50.9	-0.3	-0.6%	38.8%	53.8	54.0	0.2	0.4%	38.8%	56.2	55.9	-0.3	-0.6%
40.0%	48.6	48.6	0.0	0.0%	40.0%	51.2	50.9	-0.3	-0.6%	40.0%	53.8	54.0	0.2	0.3%	40.0%	55.7	55.5	-0.2	-0.3%
41.3%	48.6	48.6	0.0	0.0%	41.3%	51.0	50.8	-0.2	-0.4%	41.3%	53.7	53.9	0.2	0.3%	41.3%	55.3	55.5	0.1	0.2%
42.5%	48.5	48.5	0.0	0.0%	42.5%	51.0	50.8	-0.2	-0.3%	42.5%	53.5	53.9	0.3	0.6%	42.5%	55.2	55.3	0.2	0.3%
43.8% 45.0%	48.5 48.5	48.5 48.5	0.0	0.1%	43.8% 45.0%	50.9 50.9	50.8 50.7	-0.1 -0.1	-0.2% -0.3%	43.8% 45.0%	53.5 53.5	53.9 53.8	0.3	0.6%	43.8% 45.0%	55.1 55.1	55.2 55.1	0.1	0.1%
46.3%	48.4	48.5	0.0	0.1%	46.3%	50.9	50.7	-0.1	-0.3%	46.3%	53.5	53.6	0.3	0.8%	46.3%	55.0	55.1	0.0	0.0%
47.5%	48.4	48.5	0.1	0.1%	47.5%	50.7	50.7	0.0	-0.1%	47.5%	53.5	53.6	0.1	0.3%	47.5%	55.0	55.0	0.0	0.0%
48.8%	48.4	48.3	-0.1	-0.1%	48.8%	50.6	50.7	0.0	0.0%	48.8%	53.4	53.6	0.2	0.3%	48.8%	54.9	54.9	0.1	0.1%
50.0%	48.4	48.3	0.0	-0.1%	50.0%	50.6	50.6	0.0	0.0%	50.0%	53.4	53.5	0.1	0.2%	50.0%	54.8	54.9	0.0	0.1%
51.3%	48.4	48.3	0.0	-0.1%	51.3%	50.6	50.6	0.0	0.0%	51.3%	53.4	53.4	0.0	0.1%	51.3%	54.8	54.9	0.0	0.1%
52.5%	48.3	48.3	0.0	-0.1%	52.5%	50.6	50.5	-0.1	-0.1%	52.5%	53.3	53.3	0.1	0.1%	52.5%	54.7	54.8	0.1	0.2%
53.8%	48.3	48.2	-0.1	-0.3%	53.8%	50.5	50.5	0.0	0.1%	53.8%	53.3	53.2	0.0	0.0%	53.8%	54.7	54.8	0.1	0.2%
55.0%	48.3	48.2	-0.1	-0.2%	55.0%	50.4	50.5	0.1	0.1%	55.0%	53.2	53.2	0.0	0.0%	55.0%	54.7	54.8	0.1	0.2%
56.3%	48.2	48.1	0.0	-0.1%	56.3%	50.4	50.5	0.1	0.2%	56.3%	53.2	53.2	0.0	0.0%	56.3%	54.6	54.7	0.1	0.2%
57.5%	48.1	48.1	0.0	0.1%	57.5%	50.3	50.4	0.1	0.2%	57.5%	53.1	53.2	0.1	0.2%	57.5%	54.5	54.7	0.2	0.3%
58.8%	48.0	48.0	0.0	0.0%	58.8%	50.3	50.4	0.1	0.2%	58.8%	53.1	53.1	0.1	0.1%	58.8%	54.4	54.7	0.3	0.5%
60.0%	48.0	48.0	-0.1	-0.2%	60.0%	50.3	50.3	0.1	0.2%	60.0%	53.0	53.1	0.1	0.1%	60.0%	54.4	54.6	0.2	0.4%
61.3% 62.5%	48.0 48.0	47.8 47.8	-0.2 -0.2	-0.4% -0.4%	61.3% 62.5%	50.2 50.2	50.3 50.3	0.1	0.2%	61.3% 62.5%	53.0 52.9	53.1 52.9	0.1	0.2%	61.3% 62.5%	54.2 54.1	54.5 54.4	0.2	0.4%
63.8%	47.9	47.7	-0.2	-0.4%	63.8%	50.2	50.3	0.0	0.1%	63.8%	52.8	52.9	0.0	0.1%	63.8%	54.1	54.4	0.3	0.5%
65.0%	47.7	47.7	0.0	-0.1%	65.0%	50.2	50.2	0.0	0.1%	65.0%	52.8	52.9	0.0	0.1%	65.0%	54.0	54.1	0.1	0.2%
66.3%	47.5	47.6	0.0	0.1%	66.3%	50.1	50.2	0.1	0.1%	66.3%	52.8	52.8	0.0	0.0%	66.3%	54.0	54.1	0.1	0.2%
67.5%	47.5	47.5	0.0	0.0%	67.5%	50.0	50.2	0.2	0.3%	67.5%	52.7	52.8	0.1	0.2%	67.5%	54.0	54.1	0.1	0.2%
68.8%	47.5	47.5	0.0	0.0%	68.8%	49.9	50.1	0.2	0.3%	68.8%	52.7	52.7	0.0	0.0%	68.8%	53.8	54.1	0.3	0.5%
70.0%	47.4	47.5	0.1	0.2%	70.0%	49.9	50.0	0.2	0.3%	70.0%	52.7	52.6	0.0	-0.1%	70.0%	53.8	54.0	0.2	0.4%
71.3%	47.4	47.5	0.1	0.2%	71.3%	49.7	50.0	0.3	0.6%	71.3%	52.6	52.6	0.1	0.1%	71.3%	53.7	54.0	0.3	0.5%
72.5%	47.3	47.5	0.1	0.2%	72.5%	49.7	50.0	0.3	0.6%	72.5%	52.5	52.6	0.1	0.1%	72.5%	53.7	54.0	0.3	0.6%
73.8%	47.3	47.4	0.1	0.2%	73.8%	49.7	49.9	0.2	0.4%	73.8%	52.5	52.5	0.0	0.0%	73.8%	53.6	53.7	0.1	0.1%
75.0%	47.3	47.3	0.0	0.1%	75.0%	49.7	49.8	0.1	0.3%	75.0%	52.5	52.4	0.0	-0.1%	75.0%	53.6	53.6	0.0	0.0%
76.3%	47.3	47.3	0.1	0.1%	76.3%	49.6	49.6	0.0	0.0%	76.3%	52.3	52.4	0.0	0.1%	76.3%	53.6	53.6	0.0	0.1%
77.5% 78.8%	47.1 47.1	47.3 47.2	0.2 0.1	0.4%	77.5% 78.8%	49.5 49.5	49.6 49.5	0.0	0.1% 0.0%	77.5% 78.8%	52.3 52.3	52.3 52.3	0.1	0.2%	77.5% 78.8%	53.5 53.5	53.6 53.6	0.0 0.1	0.1%
	47.1			0.2%		49.5 49.5	49.5 49.5					52.3	0.0	0.0%		53.5	53.6		0.1%
80.0% 81.3%	47.0	47.1 47.0	0.0	0.0%	80.0% 81.3%	49.5	49.4	-0.1 -0.1	-0.1% -0.1%	80.0% 81.3%	52.2 52.2	52.3	0.0	0.1%	80.0% 81.3%	53.5	53.5	0.1	0.1%
82.5%	46.8	46.8	0.0	0.0%	82.5%	49.4	49.4	0.0	0.1%	82.5%	52.2	52.3	-0.1	-0.2%	82.5%	53.4	53.4	0.0	0.0%
83.8%	46.8	46.8	0.0	0.0%	83.8%	49.2	49.4	0.2	0.5%	83.8%	52.1	52.0	-0.1	-0.2%	83.8%	53.4	53.4	0.0	-0.1%
85.0%	46.7	46.7	0.0	-0.1%	85.0%	49.1	49.2	0.1	0.2%	85.0%	52.0	51.9	-0.1	-0.1%	85.0%	53.3	53.4	0.1	0.2%
86.3%	46.7	46.6	-0.1	-0.2%	86.3%	49.1	49.2	0.1	0.2%	86.3%	51.8	51.9	0.1	0.3%	86.3%	53.2	53.3	0.0	0.1%
87.5%	46.5	46.5	0.0	0.0%	87.5%	49.1	49.1	0.0	0.0%	87.5%	51.8	51.8	0.0	0.1%	87.5%	53.0	53.0	0.0	-0.1%
88.8%	46.4	46.5	0.1	0.3%	88.8%	49.1	49.0	-0.1	-0.1%	88.8%	51.7	51.8	0.1	0.2%	88.8%	52.9	53.0	0.1	0.2%
90.0%	46.3	46.3	0.0	0.0%	90.0%	49.0	49.0	0.0	0.0%	90.0%	51.6	51.6	0.0	-0.1%	90.0%	52.8	53.0	0.2	0.3%
91.3%	46.3	46.1	-0.1	-0.3%	91.3%	48.8	49.0	0.1	0.2%	91.3%	51.5	51.5	0.0	0.1%	91.3%	52.8	53.0	0.2	0.4%
92.5%	46.1	46.1	0.0	-0.1%	92.5%	48.8	48.8	0.0	0.1%	92.5%	51.4	51.4	0.0	-0.1%	92.5%	52.7	52.6	-0.1	-0.2%
93.8%	46.0	46.0	-0.1	-0.2%	93.8%	48.7	48.7	0.0	-0.1%	93.8%	51.3	51.3	0.0	0.1%	93.8%	52.6	52.6	0.0	0.1%
95.0%	45.8	45.8	-0.1	-0.1%	95.0%	48.5	48.5	0.0	0.0%	95.0%	51.2	51.1	-0.1	-0.2%	95.0%	52.5	52.4	-0.1	-0.2%
96.3%	45.8	45.5	-0.3	-0.6%	96.3%	48.3	48.3	0.0	-0.1%	96.3%	51.2	50.9	-0.3	-0.5%	96.3%	52.3	52.2	-0.2	-0.3%
97.5% 98.8%	45.5 45.2	45.4 45.3	-0.1	-0.2%	97.5% 98.8%	48.3 48.2	48.2 48.0	-0.1 -0.2	-0.1%	97.5% 98.8%	51.0 50.9	50.8 50.7	-0.3	-0.5% -0.4%	97.5% 98.8%	52.2 52.1	52.1 51.5	-0.1 -0.6	-0.2%
100.0%	45.2 45.1	45.3 45.2	0.1	0.3%	98.8% 100.0%	48.2 48.0	48.0 47.7	-0.2	-0.3% -0.7%	98.8%	50.9 50.6	50.7	-0.2 0.1	-0.4% 0.1%	100.0%	52.1 51.4	51.5 51.3	-0.6	-1.2% -0.2%
100.0%	-1 0.1	¬ ∂.∠	0.1	0.370	100.0%	70.0	71.1	-0.3	-0.170	100.0%	50.0	50.1	0.1	0.170	100.0%	J1. 4	51.5	-0.1	-0.270

Table SQ-39-2b American River below Nimbus Dam, Monthly Temperature Probability of Exceedance

									Probability	of Exceedance									
Percent		June		-	Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative
Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)
0.0%	69.5	70.1	0.6	0.8%	0.0%	76.1	76.7	0.6	0.8%	0.0%	76.7	75.4	-1.3	-1.6%	0.0%	72.5	71.3	-1.2	-1.6%
1.3%	67.8 67.2	69.4 68.4	1.6	2.4%	1.3%	69.5 69.2	73.3 70.4	3.8	5.5% 1.8%	1.3%	72.8 71.4	71.9 69.7	-0.9 -1.7	-1.2% -2.4%	1.3%	71.5 70.8	71.0 69.3	-0.4 -1.5	-0.6% -2.2%
3.8%	66.0	66.8	0.7	1.1%	3.8%	67.8	68.7	1.0	1.4%	3.8%	68.7	68.4	-0.3	-0.4%	3.8%	68.7	69.2	0.5	0.7%
5.0% 6.3%	64.6 62.8	63.3 62.3	-1.3 -0.5	-2.0% -0.8%	5.0% 6.3%	67.5 66.7	66.8 65.3	-0.8 -1.4	-1.1% -2.1%	5.0% 6.3%	68.3 67.8	67.6 66.0	-0.7 -1.8	-1.0% -2.7%	5.0% 6.3%	67.5 67.4	66.9 66.4	-0.6 -1.0	-0.9% -1.5%
7.5%	62.4	62.0	-0.5	-0.8%	7.5%	65.5	65.2	-0.3	-2.1%	7.5%	65.7	65.0	-0.8	-2.7%	7.5%	66.4	66.3	-0.1	-0.2%
8.8%	62.0	61.9	-0.1	-0.2%	8.8%	64.2	65.1	0.8	1.3%	8.8%	65.5	64.7	-0.8	-1.2%	8.8%	66.3	66.0	-0.3	-0.4%
10.0% 11.3%	61.7 61.2	61.8 61.8	0.2	0.3% 1.0%	10.0% 11.3%	63.9 63.9	64.0 63.9	0.1 0.1	0.2% 0.1%	10.0% 11.3%	65.2 65.0	64.6 64.3	-0.6 -0.7	-0.9% -1.1%	10.0% 11.3%	66.2 65.5	65.3 64.9	-0.9 -0.6	-1.3% -0.9%
12.5%	61.0	61.0	0.0	0.0%	12.5%	63.8	63.8	0.1	0.1%	12.5%	64.2	64.3	0.1	0.2%	12.5%	65.0	64.8	-0.2	-0.2%
13.8%	61.0	61.0	0.0	-0.1%	13.8%	63.6	63.5	0.0	-0.1%	13.8%	64.0	63.8	-0.2	-0.3%	13.8%	64.9	64.6	-0.3	-0.5%
15.0% 16.3%	60.9 60.8	60.9 60.8	0.0	0.0%	15.0% 16.3%	63.3 63.1	63.4 63.3	0.2	0.3%	15.0% 16.3%	63.9 63.8	63.8 63.7	-0.1 0.0	-0.1% -0.1%	15.0% 16.3%	64.6 64.2	64.4 64.1	-0.2 -0.1	-0.3% -0.2%
17.5%	60.7	60.7	0.0	0.0%	17.5%	63.0	62.6	-0.4	-0.6%	17.5%	63.8	63.5	-0.3	-0.4%	17.5%	63.3	63.8	0.5	0.9%
18.8%	60.7	60.6	-0.1	-0.2%	18.8%	63.0	62.5	-0.5	-0.7%	18.8%	63.6	63.4	-0.3	-0.4%	18.8%	63.3	63.8	0.6	0.9%
20.0% 21.3%	60.6 60.6	60.6 60.4	0.0 -0.2	0.0% -0.2%	20.0%	62.7 62.4	62.4 62.4	-0.3 0.0	-0.4% 0.0%	20.0%	63.4 63.3	63.3 63.3	0.0	-0.1% -0.1%	20.0%	63.1 63.0	63.5 63.3	0.4	0.7%
22.5%	60.5	60.2	-0.2	-0.4%	22.5%	62.2	62.2	0.0	0.0%	22.5%	63.1	63.2	0.1	0.1%	22.5%	63.0	63.0	0.1	0.1%
23.8% 25.0%	60.3 60.3	60.2	-0.1	-0.2%	23.8% 25.0%	61.9 61.9	62.0 61.7	0.1 -0.1	0.2%	23.8% 25.0%	63.0 63.0	63.2 63.0	0.2	0.3%	23.8% 25.0%	62.8 62.8	62.9 62.8	0.0	0.1%
26.3%	60.2	60.2	-0.1 -0.2	-0.1% -0.3%	25.0%	61.7	61.7	-0.1	-0.2% 0.1%	25.0%	62.9	62.9	0.0	0.0%	26.3%	62.8	62.7	0.0	0.0%
27.5%	60.0	59.7	-0.3	-0.5%	27.5%	61.7	61.6	-0.1	-0.1%	27.5%	62.7	62.8	0.1	0.1%	27.5%	62.6	62.7	0.0	0.1%
28.8%	59.7	59.6	-0.1	-0.1%	28.8%	61.6	61.5	-0.1	-0.1%	28.8%	62.7	62.8	0.1	0.2%	28.8%	62.5	62.7	0.2	0.3%
30.0% 31.3%	59.6 59.4	59.5 59.5	0.0	0.0% 0.1%	30.0% 31.3%	61.5 61.5	61.5 61.5	0.0	0.0%	30.0% 31.3%	62.7 62.6	62.6 62.5	0.0 -0.2	0.0% -0.3%	30.0% 31.3%	62.4 62.3	62.5 62.5	0.1 0.2	0.2%
32.5%	59.4	59.2	-0.2	-0.3%	32.5%	61.4	61.5	0.0	0.0%	32.5%	62.4	62.4	0.0	0.0%	32.5%	62.3	62.5	0.2	0.3%
33.8%	59.0	59.2	0.1	0.2%	33.8%	61.4	61.4	0.0	0.1%	33.8%	62.4	62.4	0.0	0.0%	33.8%	62.2	62.5	0.2	0.4%
35.0% 36.3%	58.9 58.8	58.7 58.7	-0.2 0.0	-0.3% -0.1%	35.0% 36.3%	61.4 61.4	61.4 61.3	0.0	0.0%	35.0% 36.3%	62.3 62.3	62.3 62.3	0.0	0.0%	35.0% 36.3%	62.2 62.1	62.4 62.4	0.2	0.4%
37.5%	58.5	58.4	-0.1	-0.1%	37.5%	61.3	61.3	0.0	0.1%	37.5%	62.1	62.3	0.2	0.3%	37.5%	62.1	62.3	0.2	0.3%
38.8% 40.0%	58.5 58.3	58.4 58.3	-0.1 -0.1	-0.1% -0.1%	38.8% 40.0%	61.3 61.3	61.3 61.3	0.0	0.1%	38.8% 40.0%	62.1 62.0	62.3 62.3	0.2	0.3%	38.8% 40.0%	62.1 62.1	62.3 62.2	0.2	0.3%
41.3%	58.3	58.2	-0.1	-0.1%	41.3%	61.3	61.2	0.0	-0.1%	41.3%	62.0	62.3	0.3	0.5%	41.3%	61.9	62.2	0.1	0.4%
42.5%	58.2	58.2	0.0	0.0%	42.5%	61.2	61.1	0.0	-0.1%	42.5%	61.9	62.2	0.3	0.5%	42.5%	61.9	62.1	0.2	0.3%
43.8% 45.0%	57.9 57.6	57.7 57.6	-0.3 0.0	-0.4% -0.1%	43.8% 45.0%	61.2 61.1	61.1 61.0	0.0 -0.1	-0.1% -0.2%	43.8% 45.0%	61.9 61.9	62.2 62.1	0.3	0.4%	43.8% 45.0%	61.9 61.8	62.1 62.0	0.2	0.3%
46.3%	57.5	57.6	0.0	0.1%	46.3%	61.0	61.0	0.0	0.0%	46.3%	61.9	62.0	0.2	0.4%	46.3%	61.8	61.9	0.2	0.2%
47.5%	57.4	57.6	0.1	0.2%	47.5%	61.0	61.0	0.0	0.0%	47.5%	61.8	61.9	0.1	0.1%	47.5%	61.7	61.8	0.1	0.2%
48.8% 50.0%	57.3 57.3	57.5 57.5	0.2	0.3%	48.8% 50.0%	61.0 61.0	60.9 60.8	0.0 -0.1	0.0% -0.2%	48.8% 50.0%	61.8 61.8	61.9 61.8	0.1 0.1	0.2% 0.1%	48.8% 50.0%	61.7 61.7	61.8 61.8	0.1 0.1	0.1% 0.1%
51.3%	57.3 57.3	57.5 57.4	0.2	0.3%	51.3%	60.9	60.6	-0.1	-0.5%	51.3%	61.8	61.7	0.0	-0.1%	51.3%	61.7	61.7	0.1	0.1%
52.5%	57.3	57.4	0.2	0.3%	52.5%	60.8	60.6	-0.3	-0.4%	52.5%	61.8	61.6	-0.1	-0.2%	52.5%	61.6	61.7	0.1	0.2%
53.8% 55.0%	57.2 57.2	57.4 57.4	0.2	0.3%	53.8% 55.0%	60.6 60.5	60.5 60.5	-0.1 0.0	-0.1% -0.1%	53.8% 55.0%	61.5 61.5	61.6 61.6	0.1	0.1%	53.8% 55.0%	61.5 61.5	61.6 61.5	0.1	0.1%
56.3%	57.2	57.3	0.1	0.2%	56.3%	60.3	60.5	0.0	0.3%	56.3%	61.4	61.6	0.0	0.1%	56.3%	61.5	61.5	0.0	0.0%
57.5%	57.1	57.3	0.2	0.3%	57.5%	60.3	60.4	0.2	0.2%	57.5%	61.4	61.6	0.2	0.3%	57.5%	61.5	61.5	0.0	0.0%
58.8% 60.0%	57.1 57.0	57.2 57.2	0.2	0.3%	58.8% 60.0%	60.3 60.2	60.3 60.3	0.1 0.1	0.1%	58.8% 60.0%	61.3 61.3	61.5 61.3	0.2	0.3%	58.8% 60.0%	61.5 61.4	61.4 61.4	0.0	0.0%
61.3%	57.0	57.1	0.1	0.2%	61.3%	60.1	60.2	0.1	0.2%	61.3%	61.3	61.2	-0.1	-0.2%	61.3%	61.4	61.4	0.0	0.0%
62.5%	57.0	57.1	0.1	0.2%	62.5%	60.0	60.2	0.2	0.3%	62.5%	61.2	61.1	-0.1	-0.2%	62.5%	61.2	61.3	0.1	0.2%
63.8% 65.0%	56.8 56.8	57.1 57.0	0.3	0.4%	63.8% 65.0%	60.0 60.0	60.2 60.1	0.1 0.1	0.2%	63.8% 65.0%	61.2 61.2	61.1 61.1	-0.1 -0.1	-0.2% -0.2%	63.8% 65.0%	61.1 61.0	61.3 61.2	0.2	0.3%
66.3%	56.8	57.0	0.3	0.5%	66.3%	59.9	60.1	0.1	0.2%	66.3%	61.1	61.0	-0.1	-0.2%	66.3%	60.9	61.1	0.2	0.3%
67.5%	56.7	57.0	0.3	0.5%	67.5%	59.9	60.0	0.1	0.2%	67.5%	61.1	61.0	-0.2	-0.3%	67.5%	60.7	60.9	0.2	0.3%
68.8% 70.0%	56.7 56.6	56.9 56.9	0.3	0.5%	68.8% 70.0%	59.9 59.9	60.0 59.9	0.1 0.1	0.2%	68.8% 70.0%	61.1 60.9	60.8 60.8	-0.2 -0.1	-0.3% -0.1%	68.8% 70.0%	60.7 60.7	60.8 60.8	0.2	0.3% 0.1%
71.3%	56.6	56.8	0.3	0.5%	71.3%	59.8	59.9	0.0	0.1%	71.3%	60.8	60.7	-0.1	-0.1%	71.3%	60.6	60.7	0.1	0.1%
72.5%	56.5	56.7	0.2	0.3%	72.5%	59.8	59.9	0.1	0.2%	72.5%	60.7	60.7	0.0	0.0%	72.5%	60.6	60.7	0.1	0.1%
73.8% 75.0%	56.4 56.3	56.7 56.5	0.3	0.5%	73.8% 75.0%	59.7 59.7	59.8 59.8	0.1 0.1	0.2%	73.8% 75.0%	60.7 60.6	60.6 60.6	0.0	0.0%	73.8% 75.0%	60.6 60.6	60.7 60.5	0.0 -0.1	0.1% -0.1%
76.3%	56.2	56.3	0.0	0.1%	76.3%	59.7	59.8	0.1	0.1%	76.3%	60.6	60.6	0.0	0.0%	76.3%	60.6	60.5	-0.1	-0.2%
77.5%	56.1	56.3	0.1	0.2%	77.5%	59.6	59.7	0.1	0.2%	77.5%	60.6	60.4	-0.2	-0.4%	77.5%	60.5	60.4	-0.1	-0.2%
78.8% 80.0%	56.1 56.0	56.3 56.2	0.2	0.3%	78.8% 80.0%	59.4 59.3	59.5 59.5	0.1	0.2%	78.8% 80.0%	60.5 60.4	60.4 60.2	-0.1 -0.2	-0.2% -0.3%	78.8% 80.0%	60.3 60.3	60.3 60.3	0.0	0.0%
81.3%	55.9	56.1	0.1	0.2%	81.3%	59.3	59.4	0.0	0.1%	81.3%	60.2	60.2	-0.1	-0.1%	81.3%	60.3	60.3	0.0	0.0%
82.5% 83.8%	55.9 55.9	56.0 55.8	0.1	0.1% -0.1%	82.5% 83.8%	59.3 59.3	59.3 59.2	0.0	0.0% -0.1%	82.5% 83.8%	60.1 60.0	60.1 60.0	0.0	0.0%	82.5% 83.8%	60.2 60.2	60.3 60.3	0.0	0.1% 0.2%
85.0%	55.8	55.8	0.0	0.0%	85.0%	59.2	59.2	0.0	0.0%	85.0%	59.9	60.0	0.0	0.1%	85.0%	60.1	60.2	0.0	0.1%
86.3%	55.8	55.8	0.0	0.0%	86.3%	59.1	59.1	0.0	0.1%	86.3%	59.8	60.0	0.2	0.3%	86.3%	60.0	60.1	0.1	0.1%
87.5% 88.8%	55.7 55.6	55.7 55.5	0.0 -0.1	0.0%	87.5% 88.8%	59.1 59.0	59.1 59.0	0.0	0.0% -0.1%	87.5% 88.8%	59.8 59.6	60.0 59.8	0.2	0.3%	87.5% 88.8%	60.0 60.0	60.1 60.0	0.1	0.1%
90.0%	55.5	55.5 55.5	-0.1	-0.3%	90.0%	59.0 59.0	59.0 59.0	0.0	-0.1%	90.0%	59.6 59.5	59.8 59.8	0.3	0.4%	90.0%	60.0	60.0	0.0	0.0%
91.3%	55.5	55.4	-0.1	-0.2%	91.3%	59.0	58.7	-0.3	-0.5%	91.3%	59.5	59.8	0.3	0.4%	91.3%	59.7	60.0	0.3	0.4%
92.5% 93.8%	55.4 55.2	55.1 55.1	-0.2 0.0	-0.4% -0.1%	92.5% 93.8%	58.7 58.6	58.6 58.5	-0.1 -0.1	-0.2% -0.1%	92.5% 93.8%	59.5 59.4	59.7 59.7	0.2	0.4%	92.5% 93.8%	59.7 59.5	59.8 59.6	0.1 0.2	0.1% 0.3%
95.0%	55.1	55.1	0.0	0.1%	95.0%	58.4	58.4	0.0	-0.1%	95.0%	59.4	59.7	0.5	0.9%	95.0%	59.5	59.4	0.2	-0.1%
96.3%	54.6	54.6	0.0	-0.1%	96.3%	57.7	57.7	0.0	-0.1%	96.3%	58.9	59.7	0.8	1.3%	96.3%	59.4	59.3	-0.1	-0.1%
97.5% 98.8%	54.2 54.1	54.0 54.0	-0.2 -0.1	-0.4% -0.2%	97.5% 98.8%	57.5 56.8	57.5 56.6	0.0 -0.2	0.0%	97.5% 98.8%	58.8 58.8	59.4 59.0	0.6 0.2	1.0% 0.4%	97.5% 98.8%	59.4 58.9	59.3 59.1	0.0	0.0%
100.0%	53.6	53.6	0.0	-0.1%	100.0%	56.3	56.2	0.0	0.0%	100.0%	58.7	58.6	-0.1	-0.2%	100.0%	58.0	58.6	0.2	1.0%
. 20.070	50.0	23.0	3.0		100.070	20.0	-3.2	3.0	570	100.070	_0.,	23.0		/-	100.070	50.0	23.0	0	1.070

Table SQ-40-2a

American River at Watt Avenue, Monthly Temperature
Long-term Average and Average by Water Year Type

		Long-	term Aver	age and A	verage by	/ Water Ye	ar Type					
					Mon	thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lon	ıg-term							
Full Simulation Period ¹												
No Action Alternative	61.4	56.0	50.7	47.5	48.9	52.6	56.0	58.6	61.6	64.4	65.7	64.9
Alternative B	61.0	55.7	50.3	47.4	49.0	52.8	56.2	58.7	61.8	64.6	65.5	64.9
Difference	-0.5	-0.3	-0.3	-0.1	0.1	0.2	0.1	0.1	0.3	0.3	-0.2	0.0
Percent Difference ³	-0.8%	-0.5%	-0.6%	-0.2%	0.2%	0.4%	0.3%	0.1%	0.5%	0.4%	-0.3%	0.0%
				Water Ye	ear Types	2						
Wet (32%)												
No Action Alternative	60.1	56.1	51.4	47.8	48.6	51.4	54.4	55.8	58.6	62.6	63.7	63.1
Alternative B	59.8	56.0	51.2	47.8	48.6	51.5	54.3	55.7	58.7	62.7	63.7	63.3
Difference	-0.3	-0.1	-0.2	0.0	0.0	0.1	-0.1	0.0	0.1	0.1	0.0	0.2
Percent Difference	-0.6%	-0.2%	-0.4%	0.0%	0.1%	0.1%	-0.1%	-0.1%	0.1%	0.2%	0.0%	0.3%
Above Normal (15%)												
No Action Alternative	60.2	55.5	50.5	47.8	48.4	51.6	55.1	57.4	60.4	63.2	64.4	63.5
Alternative B	59.6	55.4	50.4	47.7	48.5	51.9	55.4	57.5	60.7	63.4	64.3	63.7
Difference	-0.6	-0.2	-0.1	-0.1	0.1	0.3	0.3	0.2	0.3	0.1	-0.1	0.2
Percent Difference	-1.1%	-0.3%	-0.3%	-0.1%	0.2%	0.5%	0.5%	0.3%	0.4%	0.2%	-0.1%	0.3%
Below Normal (17%)												
No Action Alternative	60.8	56.2	51.1	47.3	48.3	52.6	56.1	58.3	61.3	63.5	64.9	64.1
Alternative B	60.9	56.0	50.8	47.1	48.4	52.8	56.2	58.3	61.6	63.7	64.6	64.1
Difference	0.0	-0.2	-0.2	-0.2	0.1	0.2	0.1	0.0	0.3	0.2	-0.3	-0.1
Percent Difference	0.1%	-0.4%	-0.5%	-0.5%	0.2%	0.4%	0.2%	0.0%	0.5%	0.3%	-0.5%	-0.19
Dry (22%)												
No Action Alternative	62.6	55.9	50.4	47.4	49.5	53.4	57.1	60.5	63.0	64.9	66.2	65.6
Alternative B	61.7	55.6	50.2	47.3	49.5	53.5	57.4	60.8	63.4	65.0	66.0	65.5
Difference	-0.9	-0.3	-0.2	-0.2	0.1	0.1	0.3	0.3	0.4	0.2	-0.3	0.0
Percent Difference	-1.4%	-0.5%	-0.5%	-0.3%	0.1%	0.3%	0.5%	0.5%	0.6%	0.3%	-0.4%	-0.19
Critical (15%)												
No Action Alternative	64.6	56.0	49.0	47.2	49.9	54.9	58.9	63.7	67.2	69.7	71.4	70.0
Alternative B	64.0	55.0	48.1	47.1	50.4	55.5	59.3	63.5	67.8	70.7	70.9	69.7
Difference	-0.5	-0.9	-0.8	-0.1	0.5	0.6	0.3	-0.1	0.6	0.9	-0.5	-0.3
Percent Difference	-0.8%	-1.6%	-1.7%	-0.3%	1.0%	1.0%	0.6%	-0.2%	0.9%	1.3%	-0.6%	-0.49

1 Based on the 82-year simulation period

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

3 Relative difference of the monthly average



52.0 47.0 42.0

Oct

Nov

Dec

Jan

Feb

Mar

Apr

May

Figure SQ-40-2b

American River at Watt Avenue, Monthly Temperature
Probability of Exceedance

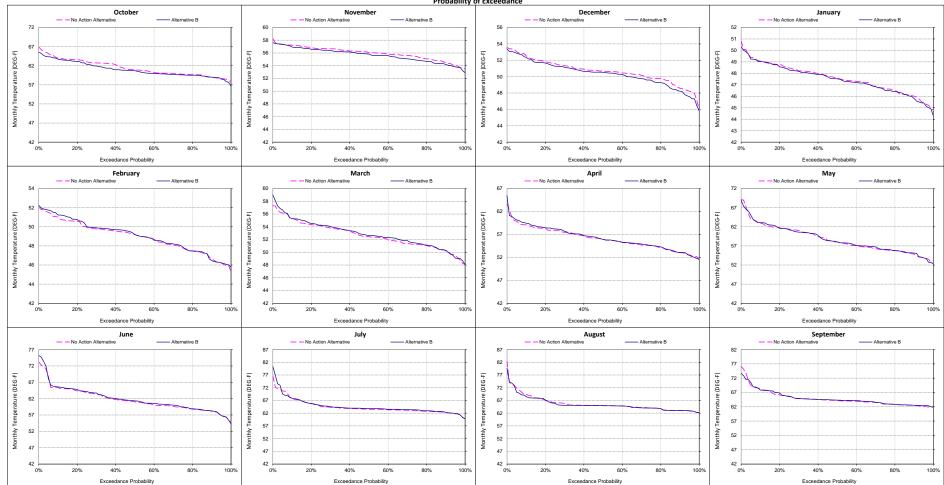


Table SQ-40-2b American River at Watt Avenue, Monthly Temperature Probability of Exceedance

		October					November		Probabilit	y of Exceedance		December							
Percent					Percent		HOTOIIIDGI			Percent		December			Percent		January		
Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative
Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)
0.0%	66.9	65.5	-1.3	-2.0%	0.0%	58.2	57.6	-0.6	-1.0%	0.0%	53.6	53.4	-0.2	-0.3%	0.0%	50.8	50.3	-0.5	-1.0%
1.3%	66.2	65.3	-1.0	-1.5%	1.3%	57.6	57.5	-0.1	-0.2%	1.3%	53.4	53.1	-0.3	-0.6%	1.3%	50.1	50.0	-0.1	-0.2%
2.5% 3.8%	65.7 65.5	64.7 64.4	-1.0 -1.1	-1.5% -1.8%	2.5% 3.8%	57.5 57.4	57.4 57.4	0.0	-0.1% 0.1%	2.5% 3.8%	53.4 53.3	53.1 53.0	-0.3 -0.3	-0.6% -0.6%	2.5% 3.8%	50.1 49.6	49.9 49.7	-0.2 0.1	-0.4% 0.1%
5.0%	65.2	64.3	-0.9	-1.3%	5.0%	57.3	57.4	0.0	0.1%	5.0%	53.1	52.9	-0.2	-0.4%	5.0%	49.4	49.3	-0.1	-0.3%
6.3%	64.8	64.3	-0.5	-0.8%	6.3%	57.3	57.3	0.0	0.0%	6.3%	52.9	52.8	-0.1	-0.2%	6.3%	49.4	49.2	-0.1	-0.2%
7.5% 8.8%	64.7 64.2	64.0 64.0	-0.6 -0.2	-1.0% -0.3%	7.5% 8.8%	57.3 57.2	57.2 57.1	0.0 -0.1	-0.1% -0.2%	7.5% 8.8%	52.8 52.8	52.7 52.5	-0.1 -0.4	-0.2% -0.7%	7.5% 8.8%	49.2 49.1	49.2 49.0	0.0 -0.1	0.0% -0.2%
10.0%	64.0	63.7	-0.2	-0.4%	10.0%	57.2	56.9	-0.1	-0.5%	10.0%	52.5	52.3	-0.4	-0.4%	10.0%	49.1	49.0	0.0	-0.1%
11.3%	63.9	63.6	-0.3	-0.5%	11.3%	57.2	56.9	-0.3	-0.5%	11.3%	52.3	52.2	-0.2	-0.4%	11.3%	49.0	49.0	0.0	-0.1%
12.5%	63.8	63.5	-0.3	-0.5%	12.5%	57.2	56.9	-0.3	-0.5%	12.5%	52.2	52.1	-0.1	-0.2%	12.5%	49.0	49.0	0.0	0.1%
13.8% 15.0%	63.7 63.7	63.5 63.4	-0.3 -0.2	-0.4% -0.3%	13.8% 15.0%	57.1 57.0	56.8 56.8	-0.3 -0.2	-0.5% -0.4%	13.8% 15.0%	52.1 52.1	51.8 51.7	-0.3 -0.3	-0.6% -0.7%	13.8% 15.0%	48.9 48.8	49.0 48.9	0.1	0.1%
16.3%	63.6	63.4	-0.3	-0.4%	16.3%	57.0	56.7	-0.3	-0.5%	16.3%	52.0	51.7	-0.3	-0.5%	16.3%	48.8	48.8	0.0	0.0%
17.5%	63.6	63.2	-0.4	-0.6%	17.5%	56.9	56.7	-0.2	-0.3%	17.5%	52.0	51.7	-0.3	-0.5%	17.5%	48.8	48.7	-0.1	-0.1%
18.8% 20.0%	63.5 63.5	63.2 63.2	-0.4 -0.4	-0.6% -0.6%	18.8% 20.0%	56.9 56.8	56.7 56.6	-0.2 -0.2	-0.4% -0.4%	18.8% 20.0%	51.9 51.8	51.7 51.7	-0.2 -0.1	-0.4% -0.3%	18.8% 20.0%	48.8 48.8	48.7 48.6	0.0 -0.2	-0.1% -0.4%
21.3%	63.5	63.0	-0.5	-0.8%	21.3%	56.8	56.6	-0.2	-0.4%	21.3%	51.8	51.6	-0.2	-0.4%	21.3%	48.7	48.5	-0.2	-0.4%
22.5%	63.4	62.8	-0.7	-1.0%	22.5%	56.7	56.5	-0.2	-0.3%	22.5%	51.7	51.5	-0.2	-0.4%	22.5%	48.6	48.5	-0.1	-0.2%
23.8%	63.1 63.0	62.7 62.3	-0.4 -0.7	-0.6%	23.8%	56.7 56.7	56.5 56.5	-0.2	-0.3%	23.8%	51.6	51.3	-0.3	-0.6%	23.8%	48.5 48.5	48.4 48.3	-0.1 -0.2	-0.2% -0.4%
25.0%	62.8	62.3	-0.7	-1.1% -0.9%	25.0% 26.3%	56.7	56.4	-0.2 -0.2	-0.4% -0.4%	25.0% 26.3%	51.6 51.5	51.3 51.3	-0.3 -0.2	-0.6% -0.4%	25.0% 26.3%	48.5 48.4	48.3 48.2	-0.2	-0.4%
27.5%	62.8	62.2	-0.6	-1.0%	27.5%	56.7	56.4	-0.2	-0.4%	27.5%	51.4	51.3	-0.2	-0.3%	27.5%	48.3	48.2	-0.2	-0.2%
28.8%	62.8	62.0	-0.8	-1.3%	28.8%	56.7	56.4	-0.2	-0.4%	28.8%	51.4	51.2	-0.2	-0.4%	28.8%	48.3	48.2	-0.1	-0.2%
30.0%	62.7 62.7	61.9	-0.8 -1.0	-1.3%	30.0%	56.7 56.6	56.4 56.3	-0.3 -0.3	-0.5% -0.6%	30.0%	51.3	51.1 51.1	-0.2 -0.2	-0.4%	30.0%	48.2 48.2	48.2 48.1	0.0	-0.1%
31.3% 32.5%	62.7	61.7 61.7	-1.0	-1.5% -1.6%	31.3% 32.5%	56.6	56.3	-0.3	-0.6%	31.3% 32.5%	51.3 51.2	51.1	-0.2	-0.4% -0.3%	31.3% 32.5%	48.2	48.1	-0.1 -0.1	-0.2% -0.3%
33.8%	62.7	61.5	-1.1	-1.8%	33.8%	56.6	56.3	-0.4	-0.6%	33.8%	51.2	51.0	-0.2	-0.4%	33.8%	48.2	48.1	-0.1	-0.2%
35.0%	62.6	61.4	-1.3	-2.0%	35.0%	56.5	56.2	-0.2	-0.4%	35.0%	51.0	50.9	-0.1	-0.2%	35.0%	48.2	48.0	-0.1	-0.3%
36.3% 37.5%	62.6 62.5	61.4 61.3	-1.2 -1.2	-1.9% -1.9%	36.3% 37.5%	56.4 56.4	56.2 56.2	-0.3 -0.2	-0.4% -0.4%	36.3% 37.5%	51.0 51.0	50.8 50.8	-0.1 -0.2	-0.3% -0.3%	36.3% 37.5%	48.1 48.1	48.0 48.0	-0.1 -0.1	-0.2% -0.3%
38.8%	62.5	61.0	-1.4	-2.3%	38.8%	56.4	56.2	-0.2	-0.4%	38.8%	51.0	50.7	-0.3	-0.5%	38.8%	48.0	47.9	-0.1	-0.2%
40.0%	62.3	60.9	-1.4	-2.2%	40.0%	56.3	56.2	-0.2	-0.3%	40.0%	50.9	50.7	-0.3	-0.5%	40.0%	48.0	47.9	-0.1	-0.2%
41.3% 42.5%	61.8 61.6	60.9 60.9	-0.9 -0.8	-1.4% -1.2%	41.3% 42.5%	56.3 56.3	56.1 56.1	-0.2 -0.2	-0.4% -0.4%	41.3% 42.5%	50.8 50.8	50.6 50.6	-0.2 -0.2	-0.3% -0.3%	41.3% 42.5%	48.0 47.9	47.9 47.9	-0.1 0.0	-0.1% 0.0%
43.8%	61.5	60.8	-0.6	-1.0%	43.8%	56.3	55.9	-0.4	-0.6%	43.8%	50.8	50.6	-0.2	-0.4%	43.8%	47.8	47.8	-0.1	-0.1%
45.0%	61.2	60.8	-0.4	-0.6%	45.0%	56.2	55.9	-0.3	-0.6%	45.0%	50.8	50.5	-0.2	-0.4%	45.0%	47.8	47.7	-0.1	-0.3%
46.3%	61.1	60.8	-0.3	-0.4%	46.3%	56.2	55.9	-0.3	-0.5%	46.3%	50.8	50.5	-0.2	-0.4%	46.3%	47.7	47.6	-0.1	-0.3%
47.5% 48.8%	61.0 61.0	60.8 60.7	-0.2 -0.3	-0.4% -0.4%	47.5% 48.8%	56.2 56.2	55.9 55.8	-0.3 -0.3	-0.6% -0.6%	47.5% 48.8%	50.7 50.7	50.5 50.5	-0.2 -0.1	-0.3% -0.3%	47.5% 48.8%	47.7 47.6	47.5 47.5	-0.2 -0.1	-0.3% -0.1%
50.0%	60.9	60.7	-0.3	-0.4%	50.0%	56.0	55.8	-0.2	-0.4%	50.0%	50.7	50.5	-0.1	-0.3%	50.0%	47.6	47.5	-0.1	-0.2%
51.3%	60.9	60.5	-0.4	-0.6%	51.3%	56.0	55.6	-0.4	-0.7%	51.3%	50.6	50.5	-0.2	-0.3%	51.3%	47.5	47.5	0.0	0.0%
52.5% 53.8%	60.8 60.8	60.4 60.2	-0.4 -0.5	-0.7% -0.9%	52.5% 53.8%	56.0 56.0	55.6 55.6	-0.4 -0.4	-0.7% -0.7%	52.5% 53.8%	50.6 50.6	50.4 50.4	-0.2 -0.2	-0.4% -0.4%	52.5% 53.8%	47.5 47.4	47.4 47.3	-0.1 -0.1	-0.2% -0.2%
55.0%	60.7	60.2	-0.5	-0.9%	55.0%	56.0	55.6	-0.4	-0.6%	55.0%	50.6	50.4	-0.2	-0.4%	55.0%	47.4	47.3	-0.1	-0.2%
56.3%	60.7	60.1	-0.6	-1.0%	56.3%	56.0	55.6	-0.4	-0.7%	56.3%	50.6	50.4	-0.2	-0.4%	56.3%	47.4	47.3	-0.1	-0.2%
57.5%	60.5	60.0	-0.5	-0.8%	57.5%	55.9	55.6	-0.4	-0.6%	57.5%	50.6	50.3	-0.3	-0.5%	57.5%	47.3	47.2 47.2	-0.1	-0.2%
58.8% 60.0%	60.2 60.2	60.0 60.0	-0.3 -0.2	-0.4% -0.4%	58.8% 60.0%	55.9 55.8	55.6 55.6	-0.3 -0.2	-0.6% -0.3%	58.8% 60.0%	50.5 50.4	50.3 50.3	-0.2 -0.2	-0.4% -0.4%	58.8% 60.0%	47.3 47.3	47.2 47.2	-0.1 -0.1	-0.2% -0.2%
61.3%	60.1	59.9	-0.2	-0.4%	61.3%	55.7	55.4	-0.3	-0.5%	61.3%	50.4	50.2	-0.3	-0.6%	61.3%	47.3	47.2	-0.1	-0.2%
62.5%	60.0	59.9	-0.1	-0.2%	62.5%	55.7	55.4	-0.3	-0.6%	62.5%	50.4	50.0	-0.4	-0.8%	62.5%	47.3	47.2	-0.1	-0.2%
63.8% 65.0%	60.0 60.0	59.9 59.8	-0.2 -0.2	-0.3% -0.3%	63.8% 65.0%	55.7 55.7	55.4 55.2	-0.4 -0.5	-0.6% -0.9%	63.8% 65.0%	50.4 50.3	50.0 50.0	-0.4 -0.4	-0.8% -0.7%	63.8% 65.0%	47.2 47.2	47.2 47.1	-0.1 -0.1	-0.1% -0.3%
66.3%	60.0	59.8	-0.2	-0.3%	66.3%	55.7	55.2	-0.5	-0.9%	66.3%	50.3	49.9	-0.4	-0.7%	66.3%	47.2	47.0	-0.1	-0.3%
67.5%	60.0	59.8	-0.3	-0.4%	67.5%	55.6	55.2	-0.5	-0.8%	67.5%	50.3	49.8	-0.4	-0.8%	67.5%	46.9	47.0	0.1	0.1%
68.8% 70.0%	60.0 59.9	59.7 59.7	-0.2 -0.2	-0.4% -0.3%	68.8% 70.0%	55.6 55.6	55.1 55.1	-0.5 -0.5	-0.9% -1.0%	68.8% 70.0%	50.3 50.2	49.8 49.7	-0.5 -0.4	-1.0% -0.8%	68.8% 70.0%	46.9 46.9	46.9 46.8	0.0	0.0% -0.1%
71.3%	59.9	59.7	-0.2	-0.3%	71.3%	55.6	55.0	-0.5	-1.0%	71.3%	50.2	49.7	-0.4	-0.8%	71.3%	46.8	46.7	-0.1	-0.1%
72.5%	59.8	59.6	-0.2	-0.4%	72.5%	55.5	55.0	-0.5	-1.0%	72.5%	49.9	49.6	-0.3	-0.6%	72.5%	46.7	46.7	0.0	0.0%
73.8%	59.8	59.6	-0.2	-0.4%	73.8%	55.5	54.9	-0.6	-1.0%	73.8%	49.9	49.6	-0.3	-0.6%	73.8%	46.7	46.6	-0.1	-0.2%
75.0% 76.3%	59.8 59.8	59.6 59.6	-0.2 -0.2	-0.3% -0.3%	75.0% 76.3%	55.5 55.3	54.9 54.8	-0.6 -0.4	-1.0% -0.8%	75.0% 76.3%	49.8 49.8	49.6 49.4	-0.2 -0.4	-0.5% -0.8%	75.0% 76.3%	46.7 46.6	46.5 46.5	-0.2 -0.2	-0.4% -0.3%
77.5%	59.8	59.5	-0.2	-0.4%	77.5%	55.2	54.8	-0.4	-0.8%	77.5%	49.8	49.3	-0.4	-1.0%	77.5%	46.6	46.5	-0.2	-0.3%
78.8%	59.7	59.5	-0.2	-0.3%	78.8%	55.1	54.8	-0.4	-0.7%	78.8%	49.8	49.3	-0.5	-1.0%	78.8%	46.6	46.4	-0.1	-0.3%
80.0%	59.7	59.5	-0.1	-0.2%	80.0%	55.1	54.7	-0.4	-0.7%	80.0%	49.8	49.3	-0.5	-1.0%	80.0%	46.5	46.4	-0.1	-0.3%
81.3% 82.5%	59.7 59.6	59.5 59.5	-0.2 -0.2	-0.3% -0.3%	81.3% 82.5%	55.1 55.0	54.7 54.6	-0.4 -0.3	-0.7% -0.6%	81.3% 82.5%	49.7 49.6	49.2 49.1	-0.5 -0.5	-1.0% -1.0%	81.3% 82.5%	46.4 46.2	46.4 46.3	0.0	-0.1% 0.3%
83.8%	59.6	59.5	-0.2	-0.3%	83.8%	54.9	54.4	-0.5	-0.9%	83.8%	49.5	48.8	-0.7	-1.4%	83.8%	46.2	46.3	0.1	0.2%
85.0%	59.6	59.3	-0.3	-0.5%	85.0%	54.8	54.4	-0.4	-0.7%	85.0%	49.4	48.6	-0.9	-1.8%	85.0%	46.2	46.2	0.0	0.0%
86.3%	59.3	59.3	-0.1	-0.1%	86.3%	54.8	54.3	-0.5	-0.8%	86.3%	49.0	48.5	-0.5	-1.1%	86.3%	46.2	46.1	0.0	-0.1%
87.5% 88.8%	59.0 59.0	59.2 59.1	0.1	0.3%	87.5% 88.8%	54.8 54.6	54.3 54.3	-0.4 -0.3	-0.8% -0.5%	87.5% 88.8%	49.0 48.7	48.5 48.3	-0.5 -0.4	-1.1% -0.9%	87.5% 88.8%	46.1 46.1	46.0 46.0	-0.1 -0.1	-0.2% -0.2%
90.0%	59.0	59.0	0.0	0.1%	90.0%	54.5	54.2	-0.3	-0.5%	90.0%	48.6	48.2	-0.4	-0.7%	90.0%	46.0	45.8	-0.1	-0.5%
91.3%	58.9	58.9	0.0	-0.1%	91.3%	54.3	54.1	-0.3	-0.5%	91.3%	48.5	48.2	-0.4	-0.7%	91.3%	45.9	45.6	-0.3	-0.8%
92.5%	58.8	58.9	0.1	0.2%	92.5%	54.3	54.0	-0.3	-0.5%	92.5%	48.4	47.8	-0.6	-1.3%	92.5%	45.8	45.5	-0.3	-0.6%
93.8% 95.0%	58.7 58.6	58.9 58.5	0.2 -0.2	0.3% -0.3%	93.8% 95.0%	54.1 54.1	53.9 53.8	-0.2 -0.3	-0.4% -0.5%	93.8% 95.0%	48.3 48.2	47.7 47.5	-0.7 -0.7	-1.4% -1.4%	93.8% 95.0%	45.5 45.4	45.4 45.4	-0.1 0.0	-0.2% 0.0%
96.3%	58.6	58.4	-0.2	-0.3%	96.3%	53.9	53.7	-0.2	-0.4%	96.3%	48.1	47.3	-0.8	-1.7%	96.3%	45.3	45.1	-0.2	-0.4%
97.5%	58.5	57.8	-0.6	-1.1%	97.5%	53.7	53.7	0.1	0.1%	97.5%	48.0	47.3	-0.7	-1.5%	97.5%	45.2	45.0	-0.2	-0.5%
98.8%	58.0 58.0	57.7 56.7	-0.3	-0.5%	98.8%	53.6	53.2	-0.4	-0.8%	98.8%	47.1	46.4	-0.7	-1.4%	98.8%	45.0	44.9	-0.1	-0.2%
100.0%	30.0	56.7	-1.3	-2.3%	100.0%	53.5	52.9	-0.6	-1.2%	100.0%	45.9	45.8	-0.1	-0.3%	100.0%	44.8	44.3	-0.5	-1.1%

Table SQ-40-2b American River at Watt Avenue, Monthly Temperature Probability of Exceedance

									Probability o	of Exceedance									
Percent	No Action Alternative	February	Absolute		Percent	N- A-si Altti	March	Absolute		Percent	No Action Alternative	April	Absolute		Percent	No Action Alternative	May	Absolute	
Exceedance		Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance		Alternative B	Absolute Difference	Relative	Exceedance		Alternative B	Difference	Relative
Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%
0.0%	52.1	52.3	0.2	0.4%	0.0%	57.3	59.0	1.7	3.0%	0.0%	63.6	65.5	1.9	3.0%	0.0%	69.1	69.0	-0.2	-0.2%
1.3%	51.8	52.0	0.2	0.3%	1.3%	57.3	58.1	0.8	1.5%	1.3%	62.4	61.1	-1.3	-2.1%	1.3%	69.0	67.4	-1.6	-2.3%
2.5% 3.8%	51.8 51.6	51.9 51.8	0.1	0.2% 0.4%	2.5% 3.8%	56.6 56.3	57.3 56.9	0.7 0.6	1.2% 1.0%	2.5% 3.8%	60.8 60.0	60.9 60.5	0.2	0.3%	2.5% 3.8%	67.2 65.5	66.6 66.1	-0.6 0.7	-1.0% 1.0%
5.0%	51.5	51.8	0.2	0.5%	5.0%	56.2	56.7	0.5	0.9%	5.0%	59.9	60.2	0.3	0.5%	5.0%	63.9	65.0	1.2	1.8%
6.3%	51.4	51.7	0.3	0.6%	6.3%	56.1	56.2	0.1	0.2%	6.3%	59.4	60.0	0.6	1.0%	6.3%	63.8	63.9	0.1	0.1%
7.5% 8.8%	51.1 51.1	51.5 51.5	0.4	0.8%	7.5% 8.8%	56.0 55.4	56.1 55.4	0.1	0.1%	7.5% 8.8%	59.2 59.1	59.7 59.6	0.5 0.5	0.9%	7.5% 8.8%	63.6 63.0	63.4 63.2	-0.2 0.2	-0.3% 0.3%
10.0%	51.0	51.2	0.4	0.4%	10.0%	55.3	55.3	0.0	0.0%	10.0%	59.1	59.4	0.5	0.6%	10.0%	62.9	63.1	0.2	0.3%
11.3%	50.8	51.2	0.4	0.9%	11.3%	55.2	55.3	0.1	0.1%	11.3%	58.9	59.4	0.5	0.8%	11.3%	62.8	63.1	0.2	0.4%
12.5%	50.7	51.2	0.5	0.9%	12.5%	55.0	55.2	0.2	0.4%	12.5%	58.8	59.0	0.3	0.5%	12.5%	62.3	63.0	0.6	1.0%
13.8% 15.0%	50.7 50.6	51.1 51.0	0.4	0.9%	13.8% 15.0%	54.7 54.6	55.1 55.0	0.5 0.4	0.9%	13.8% 15.0%	58.6 58.6	59.0 58.8	0.4	0.6%	13.8% 15.0%	62.3 62.1	62.6 62.5	0.3	0.5% 0.6%
16.3%	50.6	51.0	0.4	0.7%	16.3%	54.6	55.0	0.4	0.8%	16.3%	58.4	58.7	0.3	0.4%	16.3%	62.0	62.4	0.5	0.8%
17.5%	50.6	50.8	0.2	0.4%	17.5%	54.5	54.8	0.3	0.6%	17.5%	58.4	58.7	0.3	0.5%	17.5%	61.9	62.3	0.4	0.7%
18.8% 20.0%	50.6 50.6	50.8 50.8	0.2	0.4%	18.8% 20.0%	54.4 54.3	54.6 54.5	0.2	0.4%	18.8% 20.0%	58.4 58.4	58.5 58.4	0.2	0.3%	18.8% 20.0%	61.9 61.8	62.0 61.6	0.1 -0.2	0.1% -0.3%
21.3%	50.5	50.6	0.0	0.1%	21.3%	54.3	54.5	0.2	0.4%	21.3%	57.9	58.4	0.5	0.8%	21.3%	61.6	61.6	0.0	0.0%
22.5%	50.1	50.6	0.5	1.0%	22.5%	54.3	54.4	0.1	0.2%	22.5%	57.9	58.4	0.5	0.8%	22.5%	61.5	61.5	0.0	0.0%
23.8%	50.0	50.4	0.3	0.7%	23.8%	54.2	54.3	0.1	0.1%	23.8%	57.9	58.2 58.2	0.3	0.6%	23.8%	61.5	61.5	0.0	0.0%
25.0% 26.3%	50.0 49.9	50.0 50.0	0.0	0.1%	25.0% 26.3%	54.2 54.0	54.3 54.2	0.1 0.2	0.1%	25.0% 26.3%	57.9 57.9	58.2 58.1	0.3	0.5%	25.0% 26.3%	61.4 61.3	61.2 61.1	-0.2 -0.2	-0.4% -0.3%
27.5%	49.9	49.9	0.1	0.2%	27.5%	54.0	54.2	0.2	0.4%	27.5%	57.9 57.9	58.1	0.2	0.4%	27.5%	61.2	60.8	-0.2	-0.6%
28.8%	49.8	49.9	0.1	0.2%	28.8%	53.9	54.1	0.2	0.4%	28.8%	57.5	58.0	0.4	0.8%	28.8%	61.1	60.7	-0.5	-0.7%
30.0%	49.8	49.9	0.1	0.3%	30.0%	53.8	54.1	0.3	0.5%	30.0%	57.5	57.7	0.2	0.4%	30.0%	61.0	60.6	-0.4	-0.7%
31.3% 32.5%	49.8 49.8	49.8 49.8	0.1 0.1	0.2%	31.3% 32.5%	53.7 53.7	53.9 53.8	0.2	0.4%	31.3% 32.5%	57.3 57.3	57.5 57.2	0.2 -0.2	-0.3%	31.3% 32.5%	60.6 60.6	60.6 60.5	0.0 -0.1	-0.1% -0.2%
33.8%	49.7	49.8	0.1	0.2%	33.8%	53.6	53.8	0.1	0.3%	33.8%	57.3	57.2	-0.2	-0.3%	33.8%	60.5	60.4	-0.1	-0.1%
35.0%	49.7	49.8	0.1	0.2%	35.0%	53.6	53.7	0.1	0.2%	35.0%	57.0	57.1	0.1	0.2%	35.0%	60.4	60.4	0.0	0.0%
36.3% 37.5%	49.6 49.6	49.8 49.7	0.1	0.3%	36.3% 37.5%	53.6 53.5	53.6 53.5	0.0	0.0%	36.3% 37.5%	57.0 56.9	57.1 57.1	0.1 0.2	0.3%	36.3% 37.5%	60.2 60.2	60.3 60.2	0.0	0.0%
38.8%	49.6	49.7	0.1	0.2%	38.8%	53.5	53.5	0.0	0.1%	38.8%	56.8	57.0	0.2	0.4%	38.8%	59.6	60.2	0.6	1.0%
40.0%	49.6	49.7	0.1	0.2%	40.0%	53.4	53.4	0.0	-0.1%	40.0%	56.7	56.7	0.0	0.1%	40.0%	59.4	59.8	0.3	0.6%
41.3%	49.5	49.7	0.2	0.3%	41.3%	53.1	53.3	0.2	0.4%	41.3%	56.5	56.7	0.2	0.4%	41.3%	59.3	59.2	-0.1	-0.2%
42.5% 43.8%	49.5 49.5	49.7 49.7	0.2	0.4%	42.5% 43.8%	53.0 52.8	53.3 53.1	0.2	0.5%	42.5% 43.8%	56.3 56.3	56.6 56.5	0.3	0.6%	42.5% 43.8%	59.2 59.0	58.8 58.5	-0.4 -0.5	-0.7% -0.8%
45.0%	49.5	49.6	0.1	0.4%	45.0%	52.7	52.9	0.4	0.4%	45.0%	56.2	56.5	0.3	0.4%	45.0%	58.4	58.3	-0.5	-0.6%
46.3%	49.4	49.6	0.2	0.4%	46.3%	52.5	52.8	0.3	0.5%	46.3%	56.2	56.4	0.2	0.4%	46.3%	58.4	58.3	0.0	0.0%
47.5%	49.3	49.5	0.2	0.3%	47.5%	52.5	52.8	0.3	0.5%	47.5%	56.2	56.2	0.0	0.1%	47.5%	58.3	58.3	-0.1	-0.1%
48.8% 50.0%	49.3 49.2	49.4 49.2	0.1	0.2%	48.8% 50.0%	52.5 52.5	52.7 52.6	0.2	0.4%	48.8% 50.0%	56.1 56.0	56.0 55.9	-0.1 -0.1	-0.1% -0.2%	48.8% 50.0%	58.0 58.0	58.2 58.0	0.1 0.0	0.3%
51.3%	49.1	49.1	0.0	0.0%	51.3%	52.4	52.6	0.2	0.5%	51.3%	55.8	55.8	0.0	0.0%	51.3%	57.8	57.8	0.0	-0.1%
52.5%	49.0	49.0	0.0	0.0%	52.5%	52.4	52.6	0.2	0.4%	52.5%	55.7	55.8	0.0	0.1%	52.5%	57.8	57.8	0.0	0.1%
53.8%	49.0 48.9	49.0 49.0	0.0	0.0%	53.8%	52.4	52.6	0.2	0.4%	53.8%	55.7	55.8	0.1	0.2%	53.8%	57.6 57.5	57.8 57.7	0.1	0.2%
55.0% 56.3%	48.9	48.9	0.0	0.0%	55.0% 56.3%	52.3 52.3	52.5 52.5	0.2	0.3%	55.0% 56.3%	55.7 55.6	55.7 55.6	0.0	-0.1%	55.0% 56.3%	57.3	57.7	0.2	0.4%
57.5%	48.8	48.8	0.0	0.0%	57.5%	52.2	52.4	0.2	0.3%	57.5%	55.5	55.5	0.0	-0.1%	57.5%	57.2	57.5	0.4	0.6%
58.8%	48.8	48.8	0.0	0.0%	58.8%	52.2	52.3	0.1	0.2%	58.8%	55.3	55.5	0.1	0.2%	58.8%	57.1	57.3	0.2	0.3%
60.0%	48.7 48.6	48.6 48.6	-0.1	-0.2%	60.0%	51.9	52.3	0.4	0.7%	60.0%	55.3	55.3 55.3	-0.1	-0.1%	60.0%	57.0 56.9	57.2	0.1	0.2%
61.3% 62.5%	48.4	48.5	0.0 0.1	0.0%	61.3% 62.5%	51.9 51.8	52.3 52.3	0.4	0.7%	61.3% 62.5%	55.2 55.2	55.2	0.1	0.1% 0.1%	61.3% 62.5%	56.8	57.1 57.0	0.2 0.2	0.3% 0.4%
63.8%	48.4	48.5	0.1	0.3%	63.8%	51.8	52.2	0.4	0.8%	63.8%	55.0	55.1	0.1	0.2%	63.8%	56.8	57.0	0.3	0.4%
65.0%	48.4	48.4	0.0	0.1%	65.0%	51.7	52.1	0.4	0.7%	65.0%	55.0	55.1	0.2	0.3%	65.0%	56.7	57.0	0.2	0.4%
66.3% 67.5%	48.2 48.2	48.3 48.3	0.1	0.1%	66.3% 67.5%	51.7 51.4	52.0 51.8	0.3	0.6%	66.3% 67.5%	54.9 54.9	55.1 55.0	0.2	0.3%	66.3% 67.5%	56.6 56.6	56.9 56.8	0.2	0.4%
68.8%	48.2	48.3	0.1	0.2%	68.8%	51.4	51.8	0.4	0.9%	68.8%	54.8	55.0	0.1	0.4%	68.8%	56.3	56.8	0.5	0.4%
70.0%	48.1	48.2	0.1	0.2%	70.0%	51.4	51.8	0.5	0.9%	70.0%	54.7	54.9	0.2	0.4%	70.0%	56.3	56.8	0.5	0.8%
71.3%	48.0	48.2	0.1	0.3%	71.3%	51.3	51.6	0.3	0.6%	71.3%	54.6	54.8	0.2	0.3%	71.3%	56.2	56.4	0.2	0.4%
72.5% 73.8%	48.0 47.9	48.1 48.0	0.1	0.2%	72.5% 73.8%	51.3 51.3	51.5 51.5	0.3 0.2	0.5%	72.5% 73.8%	54.6 54.6	54.8 54.7	0.2 0.1	0.3%	72.5% 73.8%	56.1 56.0	56.2 56.1	0.1 0.1	0.2% 0.2%
75.0%	47.8	47.9	0.1	0.2%	75.0%	51.2	51.4	0.2	0.4%	75.0%	54.6	54.5	0.0	-0.1%	75.0%	56.0	56.1	0.1	0.2%
76.3%	47.7	47.7	-0.1	-0.1%	76.3%	51.2	51.3	0.1	0.2%	76.3%	54.6	54.5	-0.1	-0.2%	76.3%	55.9	56.1	0.2	0.3%
77.5%	47.6	47.5	-0.1	-0.1%	77.5%	51.2	51.3	0.1	0.3%	77.5%	54.4	54.5	0.0	0.0%	77.5%	55.8	56.0	0.2	0.3%
78.8% 80.0%	47.5 47.5	47.5 47.5	0.0	0.0%	78.8% 80.0%	51.1 51.0	51.2 51.1	0.1	0.2%	78.8% 80.0%	54.2 54.1	54.4 54.3	0.2	0.3%	78.8% 80.0%	55.8 55.8	55.8 55.8	0.1	0.1%
81.3%	47.4	47.5	0.1	0.1%	81.3%	50.9	51.1	0.2	0.3%	81.3%	54.0	54.1	0.1	0.2%	81.3%	55.7	55.7	0.1	0.1%
82.5%	47.4	47.4	0.1	0.1%	82.5%	50.9	51.1	0.2	0.3%	82.5%	53.8	53.7	-0.1	-0.3%	82.5%	55.6	55.7	0.0	0.0%
83.8%	47.4 47.3	47.4 47.4	0.0	0.0%	83.8%	50.8 50.7	50.9 50.8	0.0	0.1%	83.8%	53.7 53.5	53.7 53.6	-0.1	-0.2%	83.8%	55.6 55.5	55.5 55.3	-0.1	-0.2%
85.0% 86.3%	47.3 47.2	47.4 47.3	0.1	0.2% 0.1%	85.0% 86.3%	50.7 50.5	50.8 50.4	0.1 -0.1	0.2% -0.2%	85.0% 86.3%	53.5 53.3	53.6 53.5	0.1 0.2	0.2%	85.0% 86.3%	55.5 55.2	55.3 55.2	-0.2 0.0	-0.4% -0.1%
87.5%	47.2	47.2	0.0	0.1%	87.5%	50.4	50.4	0.1	0.1%	87.5%	53.2	53.3	0.1	0.1%	87.5%	55.2	55.2	0.0	0.1%
88.8%	46.8	46.6	-0.2	-0.4%	88.8%	50.4	50.4	0.1	0.1%	88.8%	53.1	53.1	0.0	0.1%	88.8%	54.9	55.2	0.3	0.5%
90.0%	46.6	46.5	-0.1	-0.3%	90.0%	50.3	50.3	0.0	0.0%	90.0%	53.1	53.1	0.0	0.1%	90.0%	54.9	55.1	0.3	0.5%
91.3% 92.5%	46.5 46.3	46.4 46.3	-0.1 0.0	-0.3% 0.0%	91.3% 92.5%	50.2 49.7	50.0 49.7	-0.2 0.0	-0.5% -0.1%	91.3% 92.5%	53.0 52.8	53.1 53.0	0.1	0.2%	91.3% 92.5%	54.4 54.2	55.1 54.1	0.7 -0.1	1.3% -0.2%
93.8%	46.3	46.3	0.0	0.0%	93.8%	49.7	49.5	-0.1	-0.3%	93.8%	52.6	52.7	0.2	0.3%	93.8%	54.0	54.1	0.1	0.1%
95.0%	46.2	46.2	0.0	0.0%	95.0%	49.5	49.1	-0.4	-0.9%	95.0%	52.5	52.4	-0.2	-0.3%	95.0%	53.9	53.9	0.0	-0.1%
96.3%	46.0 46.0	46.2	0.1	0.2%	96.3% 97.5%	49.1 48.7	49.0 49.0	-0.1	-0.2%	96.3% 97.5%	52.3 52.2	52.2 52.0	-0.1	-0.2%	96.3% 97.5%	53.7 53.5	53.7 52.7	0.0	-0.1%
97.5%		46.1	0.1	0.3%				0.3	0.6%				-0.2	-0.4%				-0.8	-1.4%
98.8%	45.9	46.0	0.1	0.2%	98.8%	48.3	48.7	0.4	0.8%	98.8%	52.2	51.8	-0.4	-0.8%	98.8%	52.7	52.6	-0.1	-0.2%

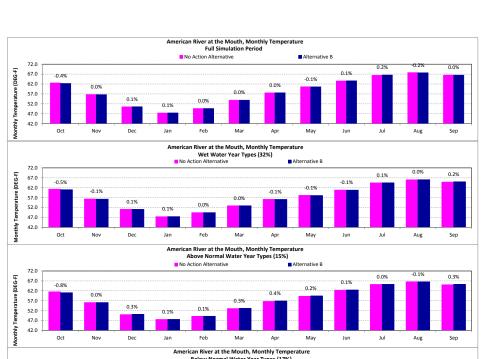
Table SQ-40-2b American River at Watt Avenue, Monthly Temperature Probability of Exceedance

									Probability	of Exceedance									
Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative
Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)
0.0%	73.2	75.2	1.9	2.6%	0.0%	76.6	80.3	3.7	4.8%	0.0%	82.4	79.6	-2.8	-3.4%	0.0%	76.1	73.7	-2.4	-3.2%
1.3%	72.3	74.7	2.4	3.4%	1.3%	72.3	76.9	4.6	6.4%	1.3%	74.2	74.2	0.0	0.0%	1.3%	75.1	72.8	-2.3	-3.0%
2.5% 3.8%	71.8 71.1	73.4 71.9	1.6 0.8	2.2% 1.1%	2.5% 3.8%	71.6 71.4	73.6 72.9	2.0 1.5	2.7%	2.5% 3.8%	73.1 73.0	73.9 73.0	0.8	1.0% 0.0%	2.5% 3.8%	73.8 71.0	71.5 71.5	-2.3 0.4	-3.1% 0.6%
5.0%	68.8	68.1	-0.8	-1.1%	5.0%	70.7	69.6	-1.2	-1.7%	5.0%	71.8	70.2	-1.7	-2.3%	5.0%	69.5	70.5	1.0	1.4%
6.3%	65.4	66.1	0.7	1.1%	6.3%	70.7	69.0	-1.6	-2.3%	6.3%	71.2	69.9	-1.3	-1.8%	6.3%	68.9	68.9	0.1	0.1%
7.5%	65.4	65.8	0.4	0.6%	7.5%	69.9	69.0	-0.9	-1.3%	7.5%	70.3	69.2	-1.1	-1.6%	7.5%	68.7	68.9	0.2	0.3%
8.8% 10.0%	65.3 65.3	65.6 65.6	0.3	0.4%	8.8% 10.0%	68.3 67.5	68.2 67.8	-0.1 0.3	-0.2% 0.5%	8.8% 10.0%	69.4 69.4	69.1 68.5	-0.3 -0.9	-0.4% -1.2%	8.8% 10.0%	68.5 68.3	68.6 67.8	0.1 -0.5	0.1% -0.7%
11.3%	65.1	65.5	0.3	0.5%	11.3%	67.4	67.7	0.2	0.4%	11.3%	69.0	68.0	-1.0	-1.4%	11.3%	68.0	67.8	-0.2	-0.2%
12.5%	65.1	65.4	0.3	0.5%	12.5%	67.3	67.5	0.3	0.4%	12.5%	68.8	68.0	-0.8	-1.1%	12.5%	67.8	67.7	-0.1	-0.2%
13.8% 15.0%	65.0 65.0	65.2 65.1	0.2	0.3%	13.8% 15.0%	67.2 66.9	67.3 66.8	0.2 -0.1	0.2%	13.8% 15.0%	68.1 68.0	67.9 67.9	-0.1 -0.1	-0.2% -0.1%	13.8% 15.0%	67.8 67.5	67.7 67.6	-0.1 0.0	-0.1% 0.1%
16.3%	65.0	65.1	0.1	0.2%	16.3%	66.3	66.5	0.2	0.2%	16.3%	68.0	67.9	-0.1	-0.1%	16.3%	66.8	67.6	0.8	1.2%
17.5%	64.9	65.0	0.0	0.0%	17.5%	66.2	66.2	0.0	0.0%	17.5%	67.9	67.8	-0.1	-0.1%	17.5%	66.4	67.1	0.7	1.1%
18.8% 20.0%	64.6 64.4	64.9 64.8	0.3	0.5%	18.8% 20.0%	65.9 65.7	65.9 65.8	0.0	0.0%	18.8% 20.0%	67.4 67.0	67.8 67.1	0.5 0.1	0.7%	18.8% 20.0%	66.4	66.9 66.9	0.6 0.7	0.8%
20.0%	64.3	64.4	0.4	0.7%	21.3%	65.7	65.5	-0.2	0.1%	20.0%	66.6	66.8	0.1	0.1%	20.0%	66.1 66.0	66.0	-0.1	-0.1%
22.5%	64.2	64.3	0.1	0.2%	22.5%	65.1	65.4	0.3	0.5%	22.5%	66.5	66.1	-0.4	-0.7%	22.5%	66.0	65.9	0.0	-0.1%
23.8%	64.1	64.2	0.1	0.2%	23.8%	65.1	65.2	0.2	0.3%	23.8%	66.2	65.9	-0.3	-0.4%	23.8%	65.8	65.7	-0.1	-0.2%
25.0%	63.7	64.2 63.9	0.5	0.7%	25.0%	64.7 64.5	64.9	0.3	0.4%	25.0%	66.2	65.9 65.3	-0.3	-0.4%	25.0%	65.7 65.4	65.5 65.5	-0.2	-0.3%
26.3% 27.5%	63.7 63.6	63.9	0.3	0.4%	26.3% 27.5%	64.5 64.4	64.8 64.8	0.3	0.5% 0.5%	26.3% 27.5%	66.0 66.0	65.3 65.2	-0.8 -0.8	-1.1% -1.3%	26.3% 27.5%	65.4 65.0	65.5 65.1	0.0 0.1	0.1% 0.1%
28.8%	63.5	63.7	0.3	0.4%	28.8%	64.4	64.7	0.3	0.4%	28.8%	66.0	65.1	-0.8	-1.3%	28.8%	64.9	64.9	-0.1	-0.1%
30.0%	63.3	63.7	0.4	0.6%	30.0%	64.3	64.5	0.3	0.4%	30.0%	65.8	65.1	-0.7	-1.1%	30.0%	64.9	64.8	-0.1	-0.1%
31.3% 32.5%	63.2 63.1	63.3 63.1	0.0	0.1% 0.1%	31.3% 32.5%	64.2 64.2	64.4 64.3	0.2	0.3%	31.3% 32.5%	65.5 65.2	65.1 65.1	-0.4 -0.1	-0.5% -0.2%	31.3% 32.5%	64.8 64.8	64.8 64.8	0.0 -0.1	0.0% -0.1%
33.8%	62.4	62.9	0.5	0.8%	33.8%	64.2	64.3	0.1	0.2%	33.8%	65.2	65.1	-0.1	-0.1%	33.8%	64.8	64.8	0.0	-0.1%
35.0%	62.3	62.6	0.3	0.5%	35.0%	64.0	64.3	0.3	0.4%	35.0%	65.2	65.1	-0.1	-0.1%	35.0%	64.7	64.8	0.1	0.1%
36.3%	62.2	62.2	0.0	0.0%	36.3%	64.0	64.2	0.2	0.3%	36.3%	65.1	65.1	-0.1	-0.1%	36.3%	64.7	64.7	0.0	0.0%
37.5% 38.8%	61.9 61.8	62.2 62.1	0.3	0.5%	37.5% 38.8%	63.9 63.9	64.1 64.0	0.2 0.1	0.3%	37.5% 38.8%	65.1 65.1	65.0 65.0	-0.1 -0.1	-0.2% -0.1%	37.5% 38.8%	64.6 64.6	64.7 64.6	0.0	0.0%
40.0%	61.7	62.1	0.3	0.6%	40.0%	63.8	64.0	0.1	0.2%	40.0%	65.1	65.0	0.0	-0.1%	40.0%	64.6	64.6	0.0	0.0%
41.3%	61.6	61.9	0.3	0.4%	41.3%	63.8	64.0	0.1	0.2%	41.3%	65.1	65.0	0.0	0.0%	41.3%	64.5	64.5	0.0	0.0%
42.5%	61.5	61.8	0.3	0.5%	42.5%	63.8	64.0	0.2	0.3%	42.5%	65.1	65.0	0.0	0.0%	42.5%	64.4	64.5	0.1	0.1%
43.8% 45.0%	61.5 61.4	61.7 61.6	0.3	0.5%	43.8% 45.0%	63.8 63.8	64.0 63.9	0.2	0.3%	43.8% 45.0%	65.0 65.0	65.0 65.0	0.0	0.0%	43.8% 45.0%	64.4 64.4	64.5 64.5	0.1	0.1%
46.3%	61.3	61.5	0.2	0.4%	46.3%	63.7	63.9	0.3	0.4%	46.3%	65.0	65.0	0.0	0.0%	46.3%	64.3	64.4	0.1	0.2%
47.5%	61.3	61.4	0.2	0.3%	47.5%	63.6	63.9	0.3	0.5%	47.5%	65.0	64.9	0.0	-0.1%	47.5%	64.3	64.4	0.1	0.1%
48.8% 50.0%	61.1 61.0	61.4 61.3	0.3	0.6%	48.8% 50.0%	63.6 63.5	63.9 63.8	0.3	0.5%	48.8% 50.0%	64.9 64.9	64.9 64.9	0.0	0.0%	48.8% 50.0%	64.3 64.2	64.4 64.3	0.1 0.1	0.1%
51.3%	60.9	61.3	0.3	0.4%	51.3%	63.5	63.8	0.3	0.5%	51.3%	64.9	64.9	0.0	0.0%	51.3%	64.1	64.3	0.1	0.4%
52.5%	60.8	61.1	0.3	0.4%	52.5%	63.5	63.8	0.3	0.5%	52.5%	64.9	64.9	0.0	0.0%	52.5%	64.1	64.3	0.2	0.3%
53.8%	60.8	61.0	0.2	0.3%	53.8%	63.5	63.8	0.3	0.5%	53.8%	64.9	64.9	0.0	0.0%	53.8%	64.0	64.3	0.2	0.4%
55.0% 56.3%	60.7 60.5	60.7 60.6	0.0	0.0%	55.0% 56.3%	63.5 63.5	63.8 63.7	0.3	0.5%	55.0% 56.3%	64.9 64.9	64.9 64.9	0.0	0.0%	55.0% 56.3%	64.0 64.0	64.3 64.3	0.2	0.4%
57.5%	60.4	60.6	0.2	0.3%	57.5%	63.5	63.7	0.2	0.4%	57.5%	64.8	64.9	0.0	0.0%	57.5%	64.0	64.2	0.2	0.4%
58.8%	60.3	60.6	0.3	0.5%	58.8%	63.4	63.6	0.2	0.3%	58.8%	64.8	64.8	0.0	0.0%	58.8%	64.0	64.2	0.2	0.4%
60.0% 61.3%	60.0 59.9	60.6 60.5	0.6 0.5	1.0%	60.0% 61.3%	63.3 63.3	63.5 63.5	0.2	0.3%	60.0% 61.3%	64.8 64.8	64.8 64.8	0.0 -0.1	0.0% -0.1%	60.0% 61.3%	63.9 63.9	64.2 64.1	0.3	0.5% 0.4%
62.5%	59.9	60.3	0.5	0.9%	62.5%	63.3	63.5	0.2	0.4%	62.5%	64.7	64.7	0.0	0.1%	62.5%	63.8	64.0	0.3	0.4%
63.8%	59.8	60.3	0.4	0.7%	63.8%	63.3	63.5	0.3	0.4%	63.8%	64.6	64.7	0.1	0.2%	63.8%	63.7	63.9	0.2	0.3%
65.0%	59.8	60.2	0.4	0.7%	65.0%	63.3	63.5	0.3	0.4%	65.0%	64.5	64.2	-0.3	-0.4%	65.0%	63.7	63.9	0.2	0.3%
66.3% 67.5%	59.8 59.8	60.2	0.3	0.6%	66.3% 67.5%	63.2 63.2	63.5 63.5	0.3	0.4%	66.3% 67.5%	64.5 64.3	64.2 64.2	-0.2 -0.1	-0.4% -0.2%	66.3% 67.5%	63.7 63.6	63.8 63.8	0.2	0.3%
68.8%	59.8	60.0	0.3	0.5%	68.8%	63.2	63.4	0.2	0.3%	68.8%	64.2	64.1	-0.2	-0.2%	68.8%	63.6	63.8	0.2	0.3%
70.0%	59.6	60.0	0.4	0.6%	70.0%	63.2	63.4	0.2	0.4%	70.0%	64.2	64.1	-0.1	-0.2%	70.0%	63.5	63.6	0.0	0.0%
71.3% 72.5%	59.5 59.4	59.9 59.8	0.5	0.8%	71.3% 72.5%	63.1 63.0	63.4 63.3	0.3	0.4%	71.3% 72.5%	64.2 64.2	64.1 64.1	-0.1 -0.1	-0.2% -0.2%	71.3% 72.5%	63.5 63.3	63.5 63.5	0.0	0.0%
73.8%	59.4	59.5	0.4	0.1%	73.8%	63.0	63.3	0.3	0.6%	73.8%	64.0	64.0	0.0	0.0%	73.8%	63.2	63.0	-0.2	-0.4%
75.0%	59.3	59.5	0.1	0.2%	75.0%	63.0	63.3	0.3	0.5%	75.0%	64.0	64.0	0.0	0.0%	75.0%	63.1	63.0	-0.1	-0.1%
76.3%	59.2 59.0	59.3	0.1	0.2%	76.3%	62.8 62.8	63.2	0.4	0.6%	76.3%	64.0	64.0 64.0	0.0	0.0%	76.3%	63.0	63.0	0.0	0.0%
77.5% 78.8%	59.0 58.9	59.2 58.9	0.2	0.3%	77.5% 78.8%	62.8 62.8	63.0 62.9	0.2	0.3%	77.5% 78.8%	64.0 63.9	64.0 63.9	0.0	0.0%	77.5% 78.8%	62.9 62.9	62.9 62.9	0.0	0.0% -0.1%
80.0%	58.8	58.9	0.1	0.1%	80.0%	62.7	62.9	0.2	0.3%	80.0%	63.9	63.8	-0.2	-0.3%	80.0%	62.9	62.9	0.0	0.0%
81.3%	58.7	58.8	0.1	0.2%	81.3%	62.7	62.9	0.2	0.3%	81.3%	63.3	63.2	0.0	-0.1%	81.3%	62.7	62.8	0.1	0.1%
82.5%	58.7 58.6	58.8 58.7	0.1	0.1%	82.5%	62.7 62.6	62.9 62.8	0.2	0.3%	82.5%	63.2 63.2	63.1 63.1	-0.1	-0.2%	82.5%	62.7 62.7	62.7 62.7	0.0	0.0%
83.8% 85.0%	58.5 58.5	58.7	0.1	0.2%	83.8% 85.0%	62.6	62.8	0.2	0.3%	83.8% 85.0%	63.2	63.1	-0.1 0.0	-0.1% 0.0%	83.8% 85.0%	62.6	62.7	0.0 0.1	0.0%
86.3%	58.4	58.5	0.0	0.0%	86.3%	62.5	62.7	0.2	0.3%	86.3%	63.1	63.1	0.0	0.0%	86.3%	62.6	62.6	0.0	0.1%
87.5%	58.4	58.3	0.0	0.0%	87.5%	62.5	62.6	0.1	0.2%	87.5%	63.0	63.0	0.0	0.0%	87.5%	62.6	62.6	0.0	0.0%
88.8%	58.3	58.3 58.2	0.0	0.0%	88.8%	62.3	62.5	0.2	0.3%	88.8%	63.0	63.0	0.0	0.0%	88.8%	62.6 62.5	62.6	0.0	0.0%
90.0% 91.3%	58.1 57.9	58.2 58.2	0.1	0.2%	90.0% 91.3%	62.2 62.0	62.3 62.1	0.2	0.3%	90.0% 91.3%	63.0 63.0	63.0 63.0	0.0	0.0%	90.0% 91.3%	62.5 62.5	62.5 62.5	0.0	0.0% 0.1%
92.5%	57.9	58.0	0.1	0.2%	92.5%	62.0	62.0	0.0	0.0%	92.5%	63.0	63.0	0.0	0.1%	92.5%	62.3	62.5	0.2	0.3%
93.8%	57.4	57.4	0.0	0.1%	93.8%	62.0	62.0	0.0	0.0%	93.8%	63.0	63.0	0.1	0.1%	93.8%	62.3	62.5	0.2	0.3%
95.0%	56.8 56.6	56.8 56.5	-0.1	-0.1%	95.0%	61.8 61.7	61.8 61.7	0.0	0.0%	95.0% 96.3%	63.0 62.8	62.9 62.8	-0.1 0.0	-0.1% 0.0%	95.0% 96.3%	62.0 62.0	62.5 62.4	0.4	0.7%
96.3% 97.5%	56.4	56.4	0.0	-0.1% 0.0%	96.3% 97.5%	61.3	61.2	-0.1	0.1% -0.2%	97.5%	62.6	62.6	0.0	0.1%	97.5%	61.9	62.4	0.4	0.6% 0.7%
98.8%	55.5	55.5	0.0	0.0%	98.8%	60.3	60.3	0.0	0.0%	98.8%	62.3	62.3	-0.1	-0.1%	98.8%	61.9		0.1	0.2%
100.0%	54.6	54.3	-0.3	-0.6%	100.0%	59.8	59.7	-0.1	-0.1%	100.0%	62.1	62.2	0.1	0.1%	100.0%	61.8	62.0 61.9	0.1	0.1%

Table SQ-41-2a American River at the Mouth, Monthly Temperature

		Long-	term Aver	age and A	verage by	/ Water Ye	ar Type					
					Mon	thly Temp	erature (DI	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	62.5	56.7	50.5	47.4	49.6	53.8	57.5	60.6	63.5	66.4	67.8	66.5
Alternative B	62.3	56.7	50.5	47.4	49.6	53.9	57.6	60.6	63.6	66.5	67.7	66.5
Difference	-0.3	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	0.1	0.1	-0.1	0.0
Percent Difference ³	-0.4%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	-0.1%	0.1%	0.2%	-0.2%	0.09
				Water Y	ear Types	2						
Wet (32%)												
No Action Alternative	61.3	56.3	51.1	47.4	49.5	52.9	56.1	58.2	60.8	64.4	66.1	64.9
Alternative B	61.0	56.3	51.1	47.4	49.5	52.9	56.1	58.1	60.8	64.5	66.1	65.0
Difference	-0.3	-0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.1	0.0	0.2
Percent Difference	-0.5%	-0.1%	0.1%	0.1%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	0.1%	0.0%	0.29
Above Normal (15%)												
No Action Alternative	61.5	56.1	50.0	47.6	49.2	53.0	56.7	59.3	62.4	65.2	66.6	65.1
Alternative B	61.0	56.1	50.2	47.6	49.2	53.2	56.9	59.4	62.4	65.3	66.6	65.3
Difference	-0.5	0.0	0.1	0.0	0.0	0.2	0.2	0.1	0.1	0.0	0.0	0.2
Percent Difference	-0.8%	0.0%	0.3%	0.1%	0.1%	0.3%	0.4%	0.2%	0.1%	0.0%	-0.1%	0.3%
Below Normal (17%)												
No Action Alternative	62.1	56.8	50.7	47.2	49.0	53.8	57.5	60.2	63.2	65.6	66.9	65.5
Alternative B	62.1	56.7	50.7	47.2	49.0	53.8	57.5	60.2	63.3	65.6	66.8	65.5
Difference	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	0.0
Percent Difference	0.0%	-0.1%	0.1%	0.0%	0.0%	-0.1%	0.1%	0.0%	0.2%	0.1%	-0.2%	0.09
Dry (22%)												
No Action Alternative	63.5	57.0	50.5	47.4	50.1	54.4	58.4	62.2	64.9	66.9	68.2	67.2
Alternative B	63.0	57.0	50.6	47.5	50.0	54.3	58.5	62.3	65.0	66.9	68.1	67.0
Difference	-0.5	0.0	0.1	0.1	-0.1	0.0	0.1	0.1	0.1	0.0	-0.1	-0.2
Percent Difference	-0.8%	0.0%	0.2%	0.1%	-0.2%	-0.1%	0.2%	0.2%	0.2%	0.0%	-0.1%	-0.39
Critical (15%)												
No Action Alternative	65.3	57.4	49.3	47.2	50.5	55.9	60.2	65.6	69.0	71.9	73.2	71.4
Alternative B	65.2	57.5	49.4	47.3	50.7	56.0	60.1	65.0	69.2	72.6	72.6	71.2
Difference	0.0	0.1	0.1	0.1	0.2	0.1	-0.1	-0.6	0.2	0.7	-0.6	-0.1
Percent Difference	-0.1%	0.2%	0.2%	0.1%	0.3%	0.2%	-0.2%	-0.9%	0.3%	0.9%	-0.8%	-0.29

3 Relative difference of the monthly average





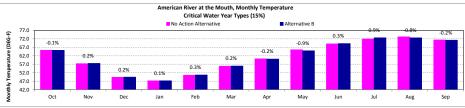


Figure SQ-41-2b

American River at the Mouth, Monthly Temperature

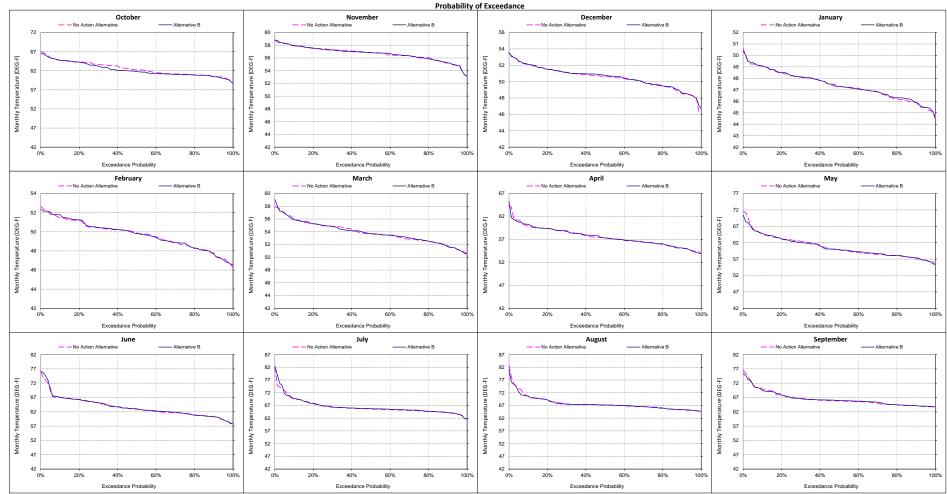


Table SQ-41-2b American River at the Mouth, Monthly Temperature Probability of Exceedance

									Probabilit	y of Exceedance									
Percent		October			Percent		November			Percent		December			Percent		January		
Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative
Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature (DEG-F)	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)
0.0%	(DEG-F) 67.1	(DEG-F)	-0.5	-0.7%	0.0%	(DEG-F) 58.8	(DEG-F) 58.8	0.0	0.0%	(%) 0.0%	(DEG-F) 53.5	(DEG-F) 53.6	0.1	0.1%	0.0%	(DEG-F) 50.6	(DEG-F) 50.4	-0.3	-0.5%
1.3%	66.7	66.4	-0.4	-0.5%	1.3%	58.5	58.8	0.3	0.4%	1.3%	53.2	53.1	-0.1	-0.1%	1.3%	50.0	50.0	0.0	0.1%
2.5%	66.4	66.0	-0.4	-0.6%	2.5%	58.4	58.4	0.1	0.1%	2.5%	53.0	52.9	-0.1	-0.1%	2.5%	49.5	49.5	0.0	0.1%
3.8% 5.0%	65.9 65.4	65.6 65.4	-0.3 0.0	-0.4% 0.0%	3.8% 5.0%	58.3 58.3	58.4 58.3	0.1 -0.1	0.1% -0.1%	3.8% 5.0%	52.9 52.4	52.8 52.5	0.0	-0.1% 0.2%	3.8% 5.0%	49.3 49.2	49.4 49.4	0.1	0.3%
6.3%	65.2	65.2	0.0	0.0%	6.3%	58.2	58.3	0.0	0.0%	6.3%	52.4	52.4	0.0	0.0%	6.3%	49.2	49.3	0.0	0.1%
7.5%	65.1	65.1	0.0	0.0%	7.5%	58.0	58.2	0.1	0.2%	7.5%	52.2	52.2	0.0	0.0%	7.5%	49.1	49.1	0.0	0.0%
8.8% 10.0%	64.8 64.8	64.9 64.7	0.1	0.2% -0.1%	8.8% 10.0%	58.0 58.0	58.0 57.9	0.0	0.0%	8.8% 10.0%	52.1 52.1	52.2 52.1	0.1	0.2%	8.8% 10.0%	49.1 49.0	49.1 49.1	0.0	0.0%
11.3%	64.7	64.7	0.0	0.0%	11.3%	57.9	57.9	0.0	-0.1%	11.3%	52.0	52.1	0.0	0.0%	11.3%	49.0	49.0	0.0	-0.1%
12.5%	64.7	64.7	0.0	0.0%	12.5%	57.9	57.9	0.0	0.0%	12.5%	51.9	52.0	0.1	0.2%	12.5%	49.0	49.0	0.0	-0.1%
13.8%	64.5	64.6	0.1	0.2%	13.8%	57.9	57.8	0.0	-0.1%	13.8%	51.8	52.0	0.1	0.2%	13.8%	48.8	48.8	0.0	0.0%
15.0% 16.3%	64.4 64.4	64.6 64.4	0.1	0.2%	15.0% 16.3%	57.8 57.7	57.7 57.7	0.0	-0.1% 0.0%	15.0% 16.3%	51.8 51.7	51.7 51.7	0.0	-0.1% 0.0%	15.0% 16.3%	48.7 48.7	48.8 48.8	0.1	0.2% 0.2%
17.5%	64.3	64.3	-0.1	-0.1%	17.5%	57.6	57.6	0.0	0.0%	17.5%	51.7	51.7	0.0	0.0%	17.5%	48.5	48.6	0.1	0.1%
18.8%	64.3	64.3	0.0	-0.1%	18.8%	57.5	57.6	0.1	0.1%	18.8%	51.5	51.6	0.0	0.0%	18.8%	48.5	48.5	0.0	0.0%
20.0%	64.3 64.3	64.3 64.1	-0.1 -0.2	-0.1% -0.3%	20.0%	57.5 57.5	57.5 57.5	0.1	0.1%	20.0% 21.3%	51.5 51.5	51.5 51.5	0.0	0.0%	20.0%	48.5 48.4	48.5 48.5	0.1	0.1%
22.5%	64.2	64.0	-0.2	-0.3%	22.5%	57.5	57.4	0.0	-0.1%	22.5%	51.5	51.5	0.0	0.0%	22.5%	48.4	48.5	0.1	0.2%
23.8%	64.2	63.9	-0.3	-0.4%	23.8%	57.5	57.4	0.0	-0.1%	23.8%	51.4	51.3	-0.1	-0.1%	23.8%	48.3	48.3	0.0	0.0%
25.0% 26.3%	64.2 64.0	63.5 63.5	-0.6	-1.0% -0.9%	25.0% 26.3%	57.4 57.4	57.3 57.3	-0.1 -0.1	-0.2% -0.3%	25.0% 26.3%	51.3 51.2	51.3 51.3	0.0	-0.1% 0.1%	25.0% 26.3%	48.2 48.2	48.2 48.2	0.0	0.0%
27.5%	63.7	63.5	-0.6 -0.2	-0.4%	27.5%	57.3	57.3	0.0	-0.3%	27.5%	51.2	51.3	0.0	0.1%	27.5%	48.2	48.2	0.0	0.1%
28.8%	63.7	63.4	-0.3	-0.5%	28.8%	57.3	57.3	-0.1	-0.1%	28.8%	51.2	51.1	0.0	-0.1%	28.8%	48.1	48.1	0.0	0.0%
30.0%	63.6	63.1 62.9	-0.5	-0.8%	30.0%	57.3	57.3	-0.1	-0.1%	30.0%	51.1	51.1 51.0	0.0	-0.1%	30.0%	48.1 48.1	48.1 48.1	0.0	0.1%
31.3% 32.5%	63.6 63.5	62.9	-0.6 -0.6	-1.0% -0.9%	31.3% 32.5%	57.3 57.2	57.2 57.1	0.0 -0.1	-0.1% -0.2%	31.3% 32.5%	51.1 51.0	51.0 51.0	-0.1 0.0	-0.1% 0.0%	31.3% 32.5%	48.1 48.0	48.1 48.1	0.0	0.1% 0.0%
33.8%	63.5	62.9	-0.6	-1.0%	33.8%	57.2	57.1	-0.1	-0.2%	33.8%	51.0	51.0	0.0	0.0%	33.8%	48.0	48.1	0.0	0.1%
35.0%	63.4	62.8	-0.6	-1.0%	35.0%	57.2	57.1	-0.1	-0.2%	35.0%	50.9	51.0	0.1	0.1%	35.0%	48.0	48.0	0.0	0.1%
36.3% 37.5%	63.3 63.3	62.4 62.3	-0.9 -1.1	-1.5% -1.7%	36.3% 37.5%	57.2 57.2	57.0 57.0	-0.2 -0.1	-0.3% -0.3%	36.3% 37.5%	50.9 50.8	51.0 51.0	0.1	0.2%	36.3% 37.5%	48.0 47.9	48.0 47.9	0.0	0.1%
38.8%	63.3	62.2	-1.0	-1.6%	38.8%	57.2	57.0	-0.1	-0.2%	38.8%	50.8	51.0	0.1	0.2%	38.8%	47.9	47.9	0.0	0.0%
40.0%	63.3	62.1	-1.1	-1.8%	40.0%	57.1	57.0	-0.1	-0.2%	40.0%	50.8	51.0	0.1	0.2%	40.0%	47.8	47.8	0.0	0.0%
41.3%	62.8	62.1	-0.7	-1.1%	41.3%	57.1	57.0	-0.1	-0.2%	41.3%	50.8	50.9	0.1	0.3%	41.3%	47.8	47.8	0.0	0.0%
42.5% 43.8%	62.8 62.7	62.1 62.1	-0.7 -0.6	-1.1% -1.0%	42.5% 43.8%	57.0 57.0	57.0 57.0	-0.1 -0.1	-0.1% -0.1%	42.5% 43.8%	50.8 50.8	50.9 50.9	0.1	0.3%	42.5% 43.8%	47.7 47.5	47.7 47.5	0.0	-0.1% 0.0%
45.0%	62.6	62.0	-0.7	-1.1%	45.0%	57.0	56.9	-0.1	-0.2%	45.0%	50.8	50.9	0.2	0.3%	45.0%	47.5	47.5	0.0	0.0%
46.3%	62.3	61.9	-0.4	-0.6%	46.3%	56.9	56.9	0.0	-0.1%	46.3%	50.7	50.9	0.2	0.3%	46.3%	47.4	47.5	0.1	0.2%
47.5% 48.8%	62.3 62.3	61.9 61.9	-0.4 -0.4	-0.6% -0.6%	47.5% 48.8%	56.9 56.9	56.9 56.9	-0.1 0.0	-0.1% 0.0%	47.5% 48.8%	50.7 50.6	50.8 50.8	0.2	0.3%	47.5% 48.8%	47.3 47.3	47.5 47.3	0.1	0.3%
50.0%	62.2	61.8	-0.4	-0.7%	50.0%	56.8	56.8	0.0	0.0%	50.0%	50.6	50.7	0.1	0.2%	50.0%	47.3	47.3	0.0	0.0%
51.3%	62.2	61.7	-0.5	-0.8%	51.3%	56.8	56.8	0.0	0.0%	51.3%	50.6	50.7	0.1	0.2%	51.3%	47.3	47.3	0.0	0.0%
52.5% 53.8%	62.2 62.1	61.7 61.6	-0.5 -0.5	-0.9% -0.9%	52.5% 53.8%	56.8 56.8	56.8 56.8	0.0	0.0% -0.1%	52.5% 53.8%	50.6 50.6	50.7 50.7	0.1	0.2%	52.5% 53.8%	47.3 47.2	47.3 47.2	0.0	0.0%
55.0%	62.0	61.6	-0.4	-0.7%	55.0%	56.8	56.8	0.0	0.0%	55.0%	50.5	50.7	0.1	0.2%	55.0%	47.2	47.2	0.0	-0.1%
56.3%	61.8	61.3	-0.5	-0.9%	56.3%	56.8	56.8	0.0	0.0%	56.3%	50.5	50.6	0.2	0.3%	56.3%	47.2	47.2	-0.1	-0.1%
57.5%	61.8	61.3	-0.5	-0.7%	57.5%	56.7	56.8	0.0	0.0%	57.5%	50.5	50.6	0.1	0.3%	57.5%	47.2	47.1	-0.1	-0.1%
58.8% 60.0%	61.6 61.5	61.3 61.3	-0.3 -0.2	-0.5% -0.4%	58.8% 60.0%	56.5 56.5	56.8 56.7	0.3	0.5%	58.8% 60.0%	50.4 50.4	50.5 50.4	0.1	0.3%	58.8% 60.0%	47.2 47.1	47.1 47.1	-0.1 -0.1	-0.1% -0.1%
61.3%	61.5	61.2	-0.3	-0.4%	61.3%	56.4	56.6	0.1	0.2%	61.3%	50.3	50.4	0.1	0.2%	61.3%	47.0	47.1	0.1	0.1%
62.5%	61.4	61.2	-0.2	-0.3%	62.5%	56.4	56.5	0.1	0.2%	62.5%	50.3	50.3	0.0	-0.1%	62.5%	47.0	47.0	0.0	0.0%
63.8% 65.0%	61.3 61.3	61.2 61.2	-0.1 -0.1	-0.2% -0.2%	63.8% 65.0%	56.4 56.4	56.5 56.5	0.1	0.1%	63.8% 65.0%	50.3 50.2	50.3 50.2	0.0	0.0%	63.8% 65.0%	47.0 47.0	47.0 47.0	0.0	0.0%
66.3%	61.2	61.2	0.0	-0.1%	66.3%	56.4	56.4	0.0	0.1%	66.3%	50.2	50.1	-0.1	-0.2%	66.3%	46.9	46.9	0.0	0.0%
67.5%	61.2	61.1	-0.1	-0.2%	67.5%	56.4	56.4	0.0	0.0%	67.5%	50.2	50.1	-0.1	-0.1%	67.5%	46.9	46.9	0.0	0.0%
68.8% 70.0%	61.2 61.2	61.0 61.0	-0.1	-0.2% -0.2%	68.8% 70.0%	56.4 56.3	56.4 56.3	0.0	0.0%	68.8% 70.0%	50.1 49.9	50.1 49.9	0.0	0.0%	68.8% 70.0%	46.8 46.8	46.9 46.8	0.0	0.0% -0.1%
71.3%	61.1	61.0	-0.2 -0.1	-0.2%	71.3%	56.3	56.3	0.0	0.0%	71.3%	49.8	49.8	0.0	0.0%	71.3%	46.7	46.8	0.0	0.1%
72.5%	61.1	61.0	-0.1	-0.2%	72.5%	56.2	56.2	0.1	0.1%	72.5%	49.8	49.8	0.0	0.0%	72.5%	46.6	46.6	0.0	0.0%
73.8%	61.1	61.0	-0.1	-0.2%	73.8%	56.2	56.1	0.0	-0.1%	73.8%	49.7	49.8	0.1	0.2%	73.8%	46.5	46.6	0.1	0.2%
75.0% 76.3%	61.1 61.0	61.0 60.9	-0.1 -0.1	-0.2% -0.2%	75.0% 76.3%	56.1 56.1	56.0 56.0	-0.1 -0.1	-0.2% -0.2%	75.0% 76.3%	49.6 49.6	49.6 49.6	0.0	0.1%	75.0% 76.3%	46.5 46.3	46.6 46.4	0.1 0.0	0.2% 0.1%
77.5%	61.0	60.9	-0.1	-0.1%	77.5%	56.1	56.0	-0.1	-0.2%	77.5%	49.5	49.6	0.1	0.1%	77.5%	46.3	46.4	0.1	0.2%
78.8%	61.0	60.9	-0.1	-0.1%	78.8%	56.1	55.9	-0.1	-0.2%	78.8%	49.5	49.6	0.1	0.1%	78.8%	46.2	46.3	0.1	0.2%
80.0%	60.9	60.9	-0.1	-0.1%	80.0%	56.0	55.9	-0.2	-0.3%	80.0%	49.5	49.5	0.0	0.0%	80.0%	46.2	46.3	0.1	0.2%
81.3% 82.5%	60.9 60.9	60.8 60.8	-0.1 0.0	-0.1% -0.1%	81.3% 82.5%	55.9 55.7	55.8 55.7	-0.1 0.0	-0.2% 0.0%	81.3% 82.5%	49.4 49.4	49.4 49.4	0.0	0.1%	81.3% 82.5%	46.1 46.1	46.3 46.3	0.2	0.4%
83.8%	60.9	60.8	0.0	-0.1%	83.8%	55.7	55.6	-0.1	-0.1%	83.8%	49.3	49.4	0.1	0.1%	83.8%	46.1	46.3	0.1	0.3%
85.0%	60.8	60.8	0.0	-0.1%	85.0%	55.6	55.6	0.0	0.0%	85.0%	49.2	49.4	0.2	0.3%	85.0%	46.1	46.2	0.1	0.3%
86.3%	60.8	60.8	0.0	0.0%	86.3%	55.5	55.4	-0.1	-0.2%	86.3%	49.1	49.1	0.1	0.2%	86.3%	46.0	46.2	0.2	0.5%
87.5% 88.8%	60.7 60.6	60.8 60.6	0.0	0.0%	87.5% 88.8%	55.4 55.2	55.4 55.3	0.0 0.1	0.1% 0.2%	87.5% 88.8%	48.9 48.8	49.1 48.9	0.2 0.1	0.4%	87.5% 88.8%	46.0 45.9	46.2 46.0	0.2	0.5% 0.1%
90.0%	60.6	60.4	-0.2	-0.2%	90.0%	55.2	55.2	0.0	0.1%	90.0%	48.5	48.6	0.1	0.2%	90.0%	45.9 45.9	45.9	0.0	0.1%
91.3%	60.5	60.4	-0.2	-0.3%	91.3%	55.1	55.2	0.1	0.2%	91.3%	48.5	48.6	0.1	0.1%	91.3%	45.6	45.8	0.2	0.4%
92.5%	60.4	60.3	-0.1	-0.1%	92.5%	55.0	55.0	0.0	-0.1%	92.5%	48.5	48.5	0.1	0.2%	92.5%	45.6	45.5	-0.1	-0.3%
93.8% 95.0%	60.4 60.2	60.1 60.0	-0.2 -0.2	-0.4% -0.4%	93.8% 95.0%	54.9 54.9	54.9 54.8	-0.1 0.0	-0.1% -0.1%	93.8% 95.0%	48.4 48.4	48.4 48.3	0.0	0.0%	93.8% 95.0%	45.5 45.4	45.5 45.4	0.0	0.0%
96.3%	60.1	59.8	-0.3	-0.4%	96.3%	54.6	54.8	0.0	0.3%	96.3%	48.2	48.2	0.0	-0.1%	96.3%	45.3	45.4	0.0	0.4%
97.5%	59.6	59.7	0.1	0.2%	97.5%	53.8	53.9	0.0	0.1%	97.5%	48.0	47.9	-0.1	-0.2%	97.5%	45.2	45.4	0.2	0.4%
98.8% 100.0%	59.5 59.2	59.2 58.7	-0.4 -0.5	-0.6% -0.8%	98.8% 100.0%	53.3 53.2	53.3 53.1	0.0	0.0%	98.8% 100.0%	46.3 46.2	47.1 46.7	0.8	1.7% 0.9%	98.8% 100.0%	45.1 44.6	45.0 44.5	-0.1 -0.2	-0.2% -0.3%
100.0%	33.2	30.1	*0.5	*0.076	100.0%	55.2	JJ. I	0.0	0.076	100.0%	40.2	40.7	0.4	0.5%	100.0%	44.0	44.0	*0.2	-0.376

Table SQ-41-2b American River at the Mouth, Monthly Temperature Probability of Exceedance

									Probability of	of Exceedance									
Percent		February			Percent		March			Percent		April			Percent		May		
Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative
Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)
0.0%	52.7	52.4	-0.3	-0.6%	0.0%	57.9	59.0	1.1	1.9%	0.0%	64.4	65.3	0.9	1.4%	0.0%	71.5	70.5	-0.9	-1.3%
1.3%	52.4	52.2	-0.3	-0.5%	1.3%	57.8	58.1	0.3	0.6%	1.3%	64.0	61.7	-2.3	-3.5%	1.3%	71.3	68.5	-2.8	-3.9%
2.5% 3.8%	52.2 52.1	52.2 52.1	-0.1 0.0	-0.2% 0.0%	2.5% 3.8%	57.6 57.2	57.2 57.2	-0.4 0.1	-0.6% 0.1%	2.5% 3.8%	61.4 61.3	61.4 61.0	0.0 -0.3	0.0% -0.4%	2.5% 3.8%	69.7 67.2	68.0 67.2	-1.6 0.1	-2.4% 0.1%
5.0%	52.1	51.8	-0.2	-0.4%	5.0%	56.9	57.2	0.1	0.1%	5.0%	61.2	60.8	-0.3	-0.4%	5.0%	66.0	66.3	0.1	0.1%
6.3%	51.8	51.8	0.1	0.1%	6.3%	56.7	56.6	-0.1	-0.1%	6.3%	60.9	60.7	-0.2	-0.3%	6.3%	65.7	65.6	-0.1	-0.1%
7.5%	51.7	51.8	0.1	0.2%	7.5%	56.6	56.4	-0.2	-0.4%	7.5%	60.3	60.4	0.1	0.2%	7.5%	65.4	65.5	0.2	0.3%
8.8% 10.0%	51.6 51.5	51.8 51.8	0.2	0.4%	8.8% 10.0%	56.4 55.9	56.0 55.9	-0.4 0.0	-0.6% 0.0%	8.8% 10.0%	60.1 59.8	60.3 60.3	0.3	0.4%	8.8% 10.0%	65.1 64.9	64.9 64.8	-0.2 -0.1	-0.3% -0.1%
11.3%	51.5	51.5	0.1	0.1%	11.3%	55.8	55.8	0.0	-0.1%	11.3%	59.8	60.1	0.3	0.5%	11.3%	64.3	64.5	0.2	0.2%
12.5%	51.4	51.5	0.1	0.2%	12.5%	55.8	55.8	-0.1	-0.1%	12.5%	59.6	59.7	0.1	0.2%	12.5%	64.3	64.3	0.1	0.1%
13.8% 15.0%	51.3 51.3	51.4 51.4	0.1 0.1	0.3%	13.8% 15.0%	55.6 55.4	55.6 55.6	0.0 0.1	-0.1% 0.3%	13.8% 15.0%	59.6 59.5	59.7 59.5	0.1	0.2%	13.8% 15.0%	64.0 63.8	64.2 64.1	0.2	0.4% 0.5%
16.3%	51.2	51.3	0.1	0.2%	16.3%	55.4	55.6	0.1	0.3%	16.3%	59.5	59.5	0.0	0.0%	16.3%	63.6	63.9	0.3	0.4%
17.5%	51.2	51.3	0.1	0.2%	17.5%	55.4	55.5	0.1	0.3%	17.5%	59.5	59.4	0.0	0.0%	17.5%	63.5	63.6	0.1	0.1%
18.8%	51.2 51.2	51.3 51.3	0.1	0.1%	18.8%	55.3	55.3	0.0	0.0%	18.8%	59.5 59.4	59.4 59.3	0.0	-0.1%	18.8%	63.5	63.5	0.0	0.1%
20.0% 21.3%	51.2 51.1	51.3 51.2	0.1	0.2%	20.0%	55.2 55.2	55.3 55.3	0.0	0.1%	20.0% 21.3%	59.4 59.3	59.3 59.3	-0.1 0.0	-0.2% 0.0%	20.0%	63.2 63.0	63.2 62.9	0.0 -0.1	0.0% -0.2%
22.5%	50.8	51.0	0.2	0.4%	22.5%	55.1	55.2	0.1	0.2%	22.5%	59.3	59.3	0.0	0.0%	22.5%	63.0	62.9	-0.2	-0.2%
23.8%	50.6	50.7	0.1	0.2%	23.8%	55.0	55.1	0.1	0.1%	23.8%	59.0	59.1	0.1	0.2%	23.8%	62.9	62.8	-0.2	-0.3%
25.0%	50.5	50.6	0.1	0.1%	25.0%	54.9	55.0	0.1	0.1%	25.0%	58.9	59.0	0.1	0.1%	25.0%	62.9	62.4	-0.5	-0.8%
26.3% 27.5%	50.5 50.5	50.5 50.5	0.0	0.1%	26.3% 27.5%	54.9 54.9	55.0 54.9	0.0	0.1%	26.3% 27.5%	58.9 58.8	59.0 58.9	0.1	0.1%	26.3% 27.5%	62.7 62.7	62.4 62.3	-0.3 -0.3	-0.4% -0.6%
28.8%	50.5	50.5	0.0	0.1%	28.8%	54.9	54.9	0.0	0.0%	28.8%	58.8	58.9	0.1	0.3%	28.8%	62.6	62.0	-0.6	-0.0%
30.0%	50.4	50.4	0.0	0.0%	30.0%	54.9	54.8	0.0	-0.1%	30.0%	58.8	58.9	0.1	0.2%	30.0%	62.4	62.0	-0.4	-0.6%
31.3% 32.5%	50.4 50.3	50.4 50.4	0.0	0.1%	31.3%	54.8 54.8	54.8 54.7	0.0 -0.1	-0.1%	31.3% 32.5%	58.6 58.5	58.5 58.4	0.0	-0.1%	31.3%	62.4 62.4	62.0 61.9	-0.4 -0.5	-0.6%
32.5%	50.3	50.4	0.1	0.2%	32.5% 33.8%	54.8 54.8	54.7 54.4	-0.1	-0.2% -0.7%	32.5%	58.5 58.4	58.4 58.3	-0.2	-0.3% -0.2%	32.5% 33.8%	62.1	61.8	-0.5	-0.8% -0.5%
35.0%	50.3	50.4	0.1	0.2%	35.0%	54.7	54.4	-0.3	-0.6%	35.0%	58.4	58.3	0.0	-0.1%	35.0%	62.1	61.6	-0.4	-0.7%
36.3%	50.3	50.3	0.1	0.1%	36.3%	54.6	54.3	-0.3	-0.6%	36.3%	58.1	58.3	0.1	0.2%	36.3%	61.8	61.6	-0.2	-0.3%
37.5%	50.2 50.2	50.3 50.3	0.0	0.1%	37.5%	54.5 54.5	54.2 54.2	-0.3	-0.6% -0.5%	37.5% 38.8%	58.1 57.9	58.3 58.1	0.2	0.3%	37.5% 38.8%	61.8 61.4	61.6 61.6	-0.2	-0.2%
38.8% 40.0%	50.2	50.2	0.0	0.1%	38.8% 40.0%	54.5	54.2	-0.3 -0.3	-0.6%	40.0%	57.8	58.0	0.1	0.2%	40.0%	60.9	61.1	0.2	0.3%
41.3%	50.2	50.2	0.0	0.0%	41.3%	54.3	54.1	-0.1	-0.3%	41.3%	57.8	57.9	0.2	0.3%	41.3%	60.7	60.7	-0.1	-0.1%
42.5%	50.2	50.2	0.0	0.0%	42.5%	54.1	54.1	0.0	0.1%	42.5%	57.5	57.9	0.4	0.6%	42.5%	60.6	60.2	-0.4	-0.7%
43.8% 45.0%	50.2 50.1	50.2 50.1	0.0	0.1%	43.8% 45.0%	53.9 53.8	54.1 54.0	0.3	0.5%	43.8% 45.0%	57.5 57.5	57.8 57.8	0.3	0.6%	43.8% 45.0%	60.3 60.1	60.1 60.1	-0.3	-0.4% -0.1%
46.3%	50.1	50.0	-0.1	-0.1%	46.3%	53.8	53.9	0.2	0.3%	46.3%	57.5	57.8	0.3	0.6%	46.3%	60.1	60.0	0.0	-0.1%
47.5%	50.0	49.9	-0.1	-0.2%	47.5%	53.7	53.8	0.1	0.2%	47.5%	57.4	57.5	0.0	0.1%	47.5%	60.1	60.0	-0.1	-0.1%
48.8%	50.0	49.8	-0.2	-0.3%	48.8%	53.7	53.7	0.0	0.1%	48.8%	57.4	57.3	-0.1	-0.1%	48.8%	60.0	60.0	-0.1	-0.1%
50.0% 51.3%	49.9 49.8	49.8 49.8	-0.1 0.0	-0.1% 0.0%	50.0% 51.3%	53.7 53.7	53.7 53.7	0.0	0.1% 0.1%	50.0% 51.3%	57.3 57.3	57.3 57.3	0.0	-0.1% 0.0%	50.0% 51.3%	59.8 59.7	59.9 59.8	0.1	0.3% 0.1%
52.5%	49.8	49.7	-0.1	-0.2%	52.5%	53.6	53.7	0.1	0.1%	52.5%	57.2	57.2	0.1	0.1%	52.5%	59.7	59.7	0.1	0.1%
53.8%	49.8	49.7	-0.1	-0.2%	53.8%	53.6	53.6	0.0	0.1%	53.8%	57.1	57.2	0.1	0.1%	53.8%	59.7	59.7	0.1	0.1%
55.0% 56.3%	49.8 49.7	49.7 49.6	-0.1 -0.1	-0.2% -0.2%	55.0% 56.3%	53.6 53.5	53.6 53.5	0.0	0.0%	55.0% 56.3%	57.1 57.0	57.1 57.1	0.0	0.0%	55.0% 56.3%	59.4 59.2	59.6 59.4	0.2	0.4%
57.5%	49.7	49.6	-0.1	-0.2%	57.5%	53.5	53.5	0.0	0.0%	57.5%	57.0	57.1	0.1	0.1%	57.5%	59.2	59.4	0.2	0.3%
58.8%	49.5	49.5	0.0	0.0%	58.8%	53.5	53.5	0.0	0.0%	58.8%	57.0	57.0	0.0	0.1%	58.8%	59.1	59.3	0.1	0.3%
60.0%	49.5	49.4	-0.1	-0.2%	60.0%	53.5	53.5	0.0	0.1%	60.0%	56.8	56.9	0.1	0.2%	60.0%	59.0	59.3	0.3	0.5%
61.3% 62.5%	49.4 49.3	49.3 49.1	-0.1 -0.1	-0.2% -0.3%	61.3% 62.5%	53.4 53.2	53.5 53.4	0.1 0.2	0.2%	61.3% 62.5%	56.7 56.7	56.8 56.7	0.1	0.1%	61.3% 62.5%	58.9 58.8	59.2 59.1	0.4	0.6% 0.5%
63.8%	49.2	49.1	-0.1	-0.1%	63.8%	53.2	53.3	0.2	0.2%	63.8%	56.7	56.7	0.0	0.1%	63.8%	58.8	58.9	0.3	0.3%
65.0%	49.1	49.1	0.0	0.0%	65.0%	53.1	53.3	0.2	0.3%	65.0%	56.6	56.7	0.1	0.1%	65.0%	58.7	58.9	0.2	0.3%
66.3%	49.0	49.0	0.0	0.1%	66.3%	53.1	53.3	0.2	0.4%	66.3%	56.6	56.6	0.0	0.1%	66.3%	58.7	58.8	0.1	0.2%
67.5% 68.8%	49.0 48.9	49.0 48.9	0.1	0.1% -0.1%	67.5% 68.8%	52.9 52.9	53.2 53.1	0.3	0.5%	67.5% 68.8%	56.6 56.5	56.6 56.5	0.0	0.1%	67.5% 68.8%	58.7 58.4	58.8 58.8	0.1	0.2%
70.0%	48.9	48.9	0.0	0.0%	70.0%	52.8	53.0	0.2	0.3%	70.0%	56.4	56.4	0.0	0.0%	70.0%	58.4	58.7	0.3	0.5%
71.3%	48.8	48.8	0.0	0.1%	71.3%	52.8	53.0	0.2	0.3%	71.3%	56.3	56.4	0.0	0.1%	71.3%	58.3	58.6	0.3	0.4%
72.5%	48.7 48.7	48.8 48.8	0.2	0.4%	72.5%	52.8	52.9 52.8	0.2	0.3%	72.5%	56.3	56.3 56.3	0.0	0.1%	72.5%	58.3	58.6 58.3	0.2	0.4%
73.8% 75.0%	48.6	48.8	0.2	0.3%	73.8% 75.0%	52.7 52.7	52.8	0.1 0.1	0.2%	73.8% 75.0%	56.3 56.2	56.3	0.0	0.1%	73.8% 75.0%	58.3 58.1	58.1	0.1	0.1% 0.0%
76.3%	48.6	48.6	0.0	0.0%	76.3%	52.7	52.8	0.1	0.2%	76.3%	56.1	56.1	0.0	-0.1%	76.3%	58.1	58.1	0.0	0.0%
77.5%	48.5	48.5	0.0	0.0%	77.5%	52.6	52.6	0.0	0.0%	77.5%	56.0	56.1	0.0	0.1%	77.5%	58.1	58.1	0.0	0.0%
78.8% 80.0%	48.3 48.3	48.3 48.3	0.1	0.1%	78.8% 80.0%	52.6 52.6	52.6 52.5	0.0 -0.1	0.0% -0.2%	78.8% 80.0%	56.0 55.9	56.0 56.0	0.1	0.1%	78.8% 80.0%	58.1 58.1	58.1 58.1	0.0	0.1%
80.0%	48.3 48.3	48.3 48.3	0.0	0.0%	81.3%	52.b 52.4	52.5 52.4	-0.1	-0.2%	80.0%	55.9 55.8	55.9	0.2	0.3%	81.3%	58.0	58.1 58.1	0.0	0.0%
82.5%	48.2	48.2	-0.1	-0.1%	82.5%	52.4	52.4	0.0	0.1%	82.5%	55.7	55.7	-0.1	-0.1%	82.5%	57.9	58.0	0.1	0.3%
83.8%	48.2	48.1	-0.1	-0.1%	83.8%	52.3	52.3	0.0	-0.1%	83.8%	55.7	55.5	-0.1	-0.2%	83.8%	57.8	57.8	0.0	0.0%
85.0% 86.3%	48.1 48.1	48.1 48.0	0.0 -0.1	-0.1% -0.1%	85.0% 86.3%	52.2 52.1	52.2 52.2	0.0 0.1	0.0% 0.2%	85.0% 86.3%	55.5 55.2	55.5 55.4	0.0	0.0%	85.0% 86.3%	57.8 57.6	57.7 57.6	0.0	-0.1% 0.0%
87.5%	48.0	48.0	0.0	0.0%	87.5%	52.1	52.2	-0.1	-0.2%	87.5%	55.2 55.2	55.2	0.2	0.4%	87.5%	57.6	57.5	0.0	-0.1%
88.8%	47.8	47.8	0.0	0.0%	88.8%	51.9	51.9	0.0	-0.1%	88.8%	55.1	55.2	0.0	0.0%	88.8%	57.2	57.4	0.2	0.4%
90.0%	47.8	47.7	-0.1	-0.3%	90.0%	51.8	51.6	-0.2	-0.3%	90.0%	55.1	55.1	0.1	0.1%	90.0%	57.1	57.4	0.3	0.5%
91.3% 92.5%	47.4 47.4	47.4 47.3	0.0 -0.1	0.0%	91.3% 92.5%	51.5 51.5	51.5 51.5	0.0	0.0%	91.3% 92.5%	55.0 55.0	55.1 55.0	0.0	-0.1%	91.3% 92.5%	57.0 57.0	57.3 56.8	0.3 -0.2	0.6% -0.3%
93.8%	47.4	47.3 47.2	0.0	0.0%	93.8%	51.5	51.5	0.0	0.0%	93.8%	54.7	54.8	0.1	0.2%	93.8%	56.7	56.7	0.0	0.0%
95.0%	47.2	47.1	-0.1	-0.3%	95.0%	51.2	51.2	0.0	-0.1%	95.0%	54.6	54.5	-0.1	-0.3%	95.0%	56.7	56.6	-0.1	-0.1%
96.3% 97.5%	47.1	46.8	-0.3	-0.5%	96.3%	51.2	51.1	-0.1	-0.1%	96.3%	54.4	54.3	-0.1	-0.2%	96.3%	56.4	56.3	-0.1	-0.2%
97.5%	46.8 46.6	46.8 46.6	0.0	0.0%	97.5% 98.8%	50.9 50.8	50.9 50.6	0.0 -0.3	-0.1% -0.5%	97.5% 98.8%	54.4 54.3	54.1 54.0	-0.3 -0.3	-0.5% -0.6%	97.5% 98.8%	56.3 56.2	56.1 55.6	-0.2 -0.6	-0.4% -1.0%
98.8%																			

Table SQ-41-2b American River at the Mouth, Monthly Temperature Probability of Exceedance

									Probabilit	y of Exceedance									
Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative	Exceedance	No Action Alternative	Alternative B	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative B	Absolute	Relative
Probability	Monthly Temperature		(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)
(%) 0.0%	(DEG-F) 76.0	(DEG-F) 76.2	0.2	0.3%		(DEG-F) 82.2	(DEG-F) 82.5	0.3	0.4%	(%) 0.0%	(DEG-F) 82.7	(DEG-F) 80.9	-1.9	-2.3%	0.0%	(DEG-F) 76.5	(DEG-F) 75.4	-1.1	-1.4%
1.3%	73.8	75.7	1.9	2.5%	1.3%	74.9	79.1	4.2	5.6%	1.3%	78.1	76.2	-1.9	-2.4%	1.3%	75.6	74.7	-0.8	-1.1%
2.5%	73.1	74.5	1.4	1.9%	2.5%	74.2	75.8	1.5	2.1%	2.5%	75.5	75.4	-0.1	-0.1%	2.5%	74.6	73.2	-1.3	-1.8%
3.8%	72.0	73.0	1.0	1.4%	3.8%	73.8	74.8	1.0	1.3%	3.8%	74.5	74.4	0.0	0.0%	3.8%	72.7	73.1	0.4	0.6%
5.0% 6.3%	70.5 67.3	69.3 67.5	-1.2 0.2	-1.7% 0.3%	5.0% 6.3%	72.8 71.9	71.6 70.9	-1.2 -1.0	-1.7% -1.5%	5.0% 6.3%	73.6 73.2	72.3 71.2	-1.3 -2.0	-1.7% -2.8%	5.0% 6.3%	71.5 70.5	71.7 70.5	0.2	0.2%
7.5%	67.1	67.5	0.2	0.5%	7.5%	70.5	70.9	0.3	0.5%	7.5%	73.2	70.9	-2.0	-1.0%	7.5%	70.5	70.5	0.0	0.0%
8.8%	67.1	67.3	0.2	0.3%	8.8%	69.9	70.2	0.3	0.5%	8.8%	71.0	70.7	-0.3	-0.4%	8.8%	70.3	70.2	-0.1	-0.1%
10.0%	67.1	67.1	0.1	0.1%	10.0%	69.4	69.6	0.2	0.2%	10.0%	70.6	70.7	0.1	0.2%	10.0%	70.3	69.4	-0.9	-1.2%
11.3%	66.9	66.9	0.0	0.0%	11.3%	69.4	69.6	0.2	0.2%	11.3%	70.4	70.0	-0.5	-0.7%	11.3%	69.6	69.2	-0.4	-0.5%
12.5% 13.8%	66.9 66.8	66.8 66.7	-0.1	-0.1% -0.2%	12.5% 13.8%	69.3 69.1	69.3 69.2	0.0	0.0%	12.5% 13.8%	70.1 69.9	70.0 69.8	-0.1 -0.1	-0.2% -0.2%	12.5% 13.8%	69.4 69.4	69.1 69.1	-0.3 -0.3	-0.4% -0.5%
15.0%	66.7	66.6	-0.1 -0.1	-0.2%	15.0%	68.7	68.6	0.0	0.1%	15.0%	69.8	69.7	-0.1	-0.2%	15.0%	69.4	69.0	-0.3	-0.5%
16.3%	66.5	66.4	-0.1	-0.1%	16.3%	68.6	68.5	-0.1	-0.1%	16.3%	69.6	69.6	0.0	0.0%	16.3%	68.4	68.9	0.5	0.7%
17.5%	66.4	66.4	0.0	0.0%	17.5%	68.3	68.0	-0.3	-0.5%	17.5%	69.5	69.5	0.1	0.1%	17.5%	68.0	68.4	0.4	0.7%
18.8%	66.3	66.4	0.0	0.0%	18.8%	67.9	67.8	-0.1	-0.1%	18.8%	69.5	69.5	0.0	0.0%	18.8%	67.9	68.4	0.4	0.7%
20.0% 21.3%	66.3 66.3	66.3 66.0	0.0 -0.3	0.0% -0.4%	20.0%	67.9 67.8	67.8 67.4	0.0 -0.4	-0.1% -0.6%	20.0% 21.3%	68.9 68.5	69.2 68.8	0.3	0.4%	20.0% 21.3%	67.9 67.6	67.8 67.7	-0.1 0.0	-0.1% 0.0%
22.5%	66.0	65.9	-0.1	-0.1%	22.5%	67.0	67.4	0.3	0.5%	22.5%	68.4	68.4	0.1	0.1%	22.5%	67.5	67.2	-0.2	-0.3%
23.8%	66.0	65.8	-0.2	-0.4%	23.8%	67.0	67.0	0.0	0.0%	23.8%	68.3	68.2	-0.1	-0.1%	23.8%	67.2	67.2	0.0	0.0%
25.0%	65.6	65.6	-0.1	-0.1%	25.0%	66.8	66.9	0.1	0.2%	25.0%	68.3	67.7	-0.6	-0.8%	25.0%	67.2	66.9	-0.3	-0.4%
26.3%	65.4	65.5	0.1	0.2%	26.3%	66.7	66.7	0.0	0.0%	26.3%	68.0	67.7	-0.3	-0.5%	26.3%	67.1	66.8	-0.3	-0.5%
27.5% 28.8%	65.4 65.2	65.5 65.2	0.0	0.1%	27.5% 28.8%	66.5 66.4	66.7 66.6	0.2 0.2	0.3%	27.5% 28.8%	67.9 67.7	67.6 67.6	-0.3 -0.1	-0.5% -0.1%	27.5% 28.8%	66.8 66.8	66.7 66.7	-0.1 -0.1	-0.1% -0.1%
30.0%	65.2	65.2	0.0	0.0%	30.0%	66.3	66.3	0.1	0.1%	30.0%	67.6	67.5	-0.1	-0.1%	30.0%	66.6	66.5	-0.1	-0.1%
31.3%	65.1	64.8	-0.4	-0.6%	31.3%	66.3	66.3	0.0	0.0%	31.3%	67.5	67.4	-0.1	-0.1%	31.3%	66.6	66.4	-0.2	-0.3%
32.5%	64.9	64.7	-0.1	-0.2%	32.5%	66.2	66.2	0.0	0.1%	32.5%	67.5	67.4	-0.1	-0.1%	32.5%	66.6	66.4	-0.2	-0.2%
33.8% 35.0%	64.3 64.3	64.7 64.3	0.4	0.6%	33.8% 35.0%	66.2 66.1	66.2 66.2	0.1	0.1%	33.8% 35.0%	67.5 67.4	67.4 67.4	-0.1 0.0	-0.1% 0.0%	33.8% 35.0%	66.3 66.3	66.3 66.3	0.1	0.1%
36.3%	64.1	63.8	-0.3	-0.4%	36.3%	66.0	66.2	0.1	0.2%	36.3%	67.4	67.4	0.0	0.0%	36.3%	66.3	66.3	0.0	0.1%
37.5%	64.0	63.8	-0.2	-0.3%	37.5%	66.0	66.1	0.1	0.2%	37.5%	67.4	67.4	0.0	0.0%	37.5%	66.2	66.3	0.1	0.1%
38.8%	63.7	63.8	0.1	0.1%	38.8%	65.9	66.0	0.1	0.1%	38.8%	67.3	67.3	0.0	0.0%	38.8%	66.2	66.2	0.0	0.0%
40.0%	63.7	63.8 63.7	0.1	0.1%	40.0%	65.9	66.0	0.0	0.1%	40.0%	67.3	67.3	0.0	0.0%	40.0%	66.1	66.2	0.1	0.2%
41.3% 42.5%	63.5 63.4	63.3	0.1 -0.1	0.2% -0.1%	41.3% 42.5%	65.8 65.8	66.0 65.9	0.1	0.2%	41.3% 42.5%	67.3 67.3	67.3 67.3	0.0	0.0%	41.3% 42.5%	66.0 66.0	66.2 66.1	0.2	0.3%
43.8%	63.4	63.3	0.0	-0.1%	43.8%	65.8	65.8	0.1	0.1%	43.8%	67.3	67.3	0.0	0.0%	43.8%	65.9	66.1	0.2	0.3%
45.0%	63.3	63.2	-0.1	-0.2%	45.0%	65.8	65.8	0.0	0.1%	45.0%	67.3	67.3	0.0	0.0%	45.0%	65.9	66.1	0.2	0.3%
46.3%	63.1	63.2	0.2	0.2%	46.3%	65.7	65.8	0.1	0.1%	46.3%	67.3	67.2	0.0	-0.1%	46.3%	65.9	66.1	0.2	0.3%
47.5%	63.0	63.1	0.1	0.2%	47.5%	65.7	65.8	0.1	0.2%	47.5%	67.2	67.2	0.0	-0.1%	47.5%	65.9	66.1	0.2	0.3%
48.8% 50.0%	63.0 62.9	63.1 63.0	0.2	0.3%	48.8% 50.0%	65.6 65.6	65.8 65.7	0.2	0.2%	48.8% 50.0%	67.2 67.2	67.2 67.2	0.0	0.0%	48.8% 50.0%	65.8 65.8	66.0 65.9	0.2	0.3%
51.3%	62.8	62.9	0.1	0.1%	51.3%	65.5	65.7	0.2	0.2%	51.3%	67.2	67.2	0.0	0.0%	51.3%	65.7	65.9	0.2	0.3%
52.5%	62.7	62.7	0.1	0.1%	52.5%	65.5	65.7	0.2	0.2%	52.5%	67.1	67.1	0.0	0.0%	52.5%	65.7	65.9	0.2	0.2%
53.8%	62.5	62.6	0.1	0.1%	53.8%	65.4	65.6	0.2	0.3%	53.8%	67.1	67.1	0.0	0.0%	53.8%	65.7	65.9	0.2	0.3%
55.0% 56.3%	62.5 62.5	62.6 62.5	0.1	0.2%	55.0% 56.3%	65.4 65.4	65.6 65.6	0.2	0.3%	55.0% 56.3%	67.1 67.0	67.1 67.1	0.0	0.0%	55.0% 56.3%	65.7 65.6	65.8 65.8	0.2	0.3%
57.5%	62.4	62.4	0.0	0.0%	57.5%	65.4	65.6	0.2	0.3%	57.5%	66.9	67.0	0.0	0.1%	57.5%	65.6	65.8	0.2	0.3%
58.8%	62.3	62.4	0.0	0.3%	58.8%	65.4	65.6	0.2	0.3%	58.8%	66.9	67.0	0.1	0.1%	58.8%	65.5	65.7	0.2	0.4%
60.0%	62.0	62.3	0.3	0.5%	60.0%	65.3	65.5	0.2	0.2%	60.0%	66.8	67.0	0.1	0.2%	60.0%	65.5	65.7	0.2	0.3%
61.3%	62.0	62.2	0.2	0.3%	61.3%	65.3	65.5	0.2	0.3%	61.3%	66.7	66.9	0.2	0.3%	61.3%	65.5	65.7	0.2	0.3%
62.5%	62.0 61.8	62.2	0.2 0.3	0.4%	62.5%	65.2	65.4 65.4	0.3 0.3	0.4%	62.5% 63.8%	66.7	66.8 66.8	0.2	0.2%	62.5% 63.8%	65.5 65.4	65.6 65.6	0.1 0.1	0.2%
63.8% 65.0%	61.8	62.1 62.1	0.3	0.5%	63.8% 65.0%	65.2 65.2	65.3	0.3	0.4%	65.0%	66.7 66.7	66.7	0.0	0.2%	65.0%	65.4	65.5	0.1	0.2% 0.2%
66.3%	61.7	62.0	0.3	0.5%	66.3%	65.1	65.3	0.2	0.3%	66.3%	66.6	66.6	0.0	0.0%	66.3%	65.3	65.5	0.2	0.3%
67.5%	61.7	62.0	0.3	0.4%	67.5%	65.1	65.3	0.2	0.3%	67.5%	66.6	66.6	0.0	0.0%	67.5%	65.2	65.4	0.2	0.4%
68.8%	61.7	61.9	0.2	0.3%	68.8%	65.0	65.2	0.2	0.3%	68.8% 70.0%	66.5	66.5	0.0	0.0%	68.8%	65.1	65.4	0.3	0.5%
70.0% 71.3%	61.7 61.6	61.8 61.8	0.2	0.3%	70.0% 71.3%	65.0 65.0	65.2 65.2	0.1	0.2%	70.0%	66.5 66.5	66.5 66.5	0.0	-0.1% 0.0%	70.0% 71.3%	64.9 64.8	65.3 65.2	0.4	0.7% 0.7%
72.5%	61.6	61.7	0.0	0.0%	72.5%	65.0	65.2	0.2	0.2%	72.5%	66.4	66.4	0.0	0.0%	72.5%	64.7	64.9	0.2	0.3%
73.8%	61.5	61.5	0.0	0.1%	73.8%	65.0	65.1	0.2	0.2%	73.8%	66.4	66.3	-0.1	-0.1%	73.8%	64.7	64.7	0.0	0.0%
75.0%	61.5	61.5	0.0	0.0%	75.0%	64.9	65.1	0.2	0.3%	75.0%	66.4	66.2	-0.2	-0.3%	75.0%	64.6	64.7	0.0	0.1%
76.3% 77.5%	61.2 61.1	61.3 61.2	0.1	0.2%	76.3% 77.5%	64.7 64.7	65.0 64.8	0.2	0.3%	76.3% 77.5%	66.3 66.3	66.1 66.1	-0.2	-0.3% -0.3%	76.3%	64.6 64.5	64.5 64.5	-0.1	-0.1%
77.5%	60.9	60.9	0.1 0.0	0.2%	77.5%	64.6	64.8	0.1	0.2%	77.5%	66.2	65.9	-0.2 -0.3	-0.3%	77.5% 78.8%	64.5	64.5	0.0	0.0%
80.0%	60.7	60.9	0.2	0.2%	80.0%	64.6	64.7	0.1	0.1%	80.0%	66.0	65.9	-0.1	-0.1%	80.0%	64.4	64.4	0.0	0.0%
81.3%	60.7	60.8	0.1	0.2%	81.3%	64.6	64.6	0.0	0.1%	81.3%	65.8	65.8	0.0	0.0%	81.3%	64.4	64.4	0.0	0.0%
82.5%	60.7	60.8	0.0	0.1%	82.5%	64.6	64.6	0.0	0.0%	82.5%	65.6	65.6	0.0	0.0%	82.5%	64.3	64.4	0.1	0.1%
83.8% 85.0%	60.7 60.6	60.7	0.0 -0.1	0.0%	83.8% 85.0%	64.6 64.5	64.5 64.5	0.0	-0.1% 0.0%	83.8% 85.0%	65.6 65.6	65.6 65.5	0.0 -0.1	0.0%	83.8% 85.0%	64.2 64.2	64.3 64.2	0.1	0.1%
85.0%	60.6	60.5 60.5	-0.1	-0.1% -0.2%	86.3%	64.4	64.4	0.0	0.0%	86.3%	65.5	65.4	-0.1	-0.1% -0.1%	85.0%	64.2	64.2	0.0	0.0%
87.5%	60.5	60.4	0.0	0.0%	87.5%	64.3	64.4	0.0	0.0%	87.5%	65.4	65.4	0.0	0.0%	87.5%	64.2	64.2	0.0	0.0%
88.8%	60.4	60.4	0.0	0.0%	88.8%	64.2	64.3	0.1	0.2%	88.8%	65.3	65.4	0.1	0.2%	88.8%	64.2	64.2	0.0	0.0%
90.0%	60.3	60.3	0.0	0.0%	90.0%	64.2	64.1	0.0	0.0%	90.0%	65.3	65.4	0.1	0.2%	90.0%	64.2	64.1	0.0	-0.1%
91.3%	60.2	60.2	0.0	0.0%	91.3%	64.1	64.0	-0.1	-0.1%	91.3%	65.1	65.3	0.2	0.3%	91.3%	64.1	64.1	0.0	0.0%
92.5% 93.8%	60.1 59.5	60.1 59.5	0.0	0.0% 0.1%	92.5% 93.8%	64.1 64.0	64.0 63.9	-0.1 -0.1	-0.2% -0.1%	92.5% 93.8%	65.1 65.1	65.3 65.2	0.2 0.1	0.3% 0.2%	92.5% 93.8%	64.0 63.8	64.0 64.0	0.0 0.1	0.0%
95.0%	59.5 59.2	59.5 59.2	0.0	-0.1%	95.0%	63.6	63.6	0.0	-0.1%	95.0%	65.0	65.1	0.1	0.2%	95.0%	63.8	64.0	0.1	0.2%
96.3%	58.8	58.8	0.0	-0.1%	96.3%	63.4	63.4	0.0	-0.1%	96.3%	64.9	65.0	0.1	0.1%	96.3%	63.8	63.9	0.1	0.2%
97.5%	58.7	58.6	-0.1	-0.1%	97.5%	63.0	62.9	-0.1	-0.2%	97.5%	64.9	64.9	0.0	0.0%	97.5%	63.8	63.9	0.1	0.2%
98.8%	58.1 57.8	57.8 57.8	-0.3	-0.4%	98.8%	61.9	61.9	0.0	0.0%	98.8%	64.9 64.7	64.8	-0.1	-0.2%	98.8%	63.8	63.8 63.7	0.1	0.1%
100.0%	57.0	57.6	0.0	0.0%	100.0%	61.7	61.5	-0.1	-0.2%	100.0%	04.7	64.7	0.0	0.0%	100.0%	63.5	03.7	0.3	0.4%

Table SQ-39-3a American River below Nimbus Dam, Monthly Temperature

		Long-	term Aver	age and A	werage b	/ Water Ye	ear Type					
					Mon	thly Temp	erature (D	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	61.0	56.9	51.2	47.4	48.1	50.7	53.6	55.7	58.3	61.3	62.3	62.3
Alternative C	60.7	56.9	51.3	47.5	48.2	50.7	53.7	55.7	58.4	61.1	62.0	62.2
Difference	-0.3	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.0	-0.1	-0.2	-0.1
Percent Difference ³	-0.5%	0.0%	0.2%	0.2%	0.1%	0.1%	0.2%	0.1%	0.1%	-0.2%	-0.4%	-0.2%
				Water Y	ear Types	2						
Wet (32%)												
No Action Alternative	59.6	56.5	51.8	47.4	48.1	50.0	52.5	53.6	56.1	59.2	60.7	61.0
Alternative C	59.3	56.4	51.9	47.4	48.2	50.0	52.5	53.6	56.1	59.2	60.8	61.1
Difference	-0.4	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Percent Difference	-0.7%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.1%
Above Normal (15%)												
No Action Alternative	60.0	56.4	50.8	47.6	47.8	50.1	52.8	54.4	57.1	60.3	61.1	60.9
Alternative C	59.7	56.5	50.9	47.7	47.8	50.2	53.1	54.5	57.2	60.2	61.0	61.0
Difference	-0.3	0.1	0.1	0.1	0.0	0.1	0.2	0.1	0.1	-0.1	-0.2	0.0
Percent Difference	-0.5%	0.1%	0.2%	0.1%	0.1%	0.3%	0.4%	0.2%	0.2%	-0.2%	-0.3%	0.0%
Below Normal (17%)												
No Action Alternative	60.5	57.0	51.5	47.3	47.5	50.6	53.5	55.2	57.8	60.9	61.2	60.9
Alternative C	60.3	57.0	51.5	47.3	47.5	50.7	53.5	55.2	57.9	60.6	60.9	61.0
Difference	-0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.1	-0.3	-0.4	0.1
Percent Difference	-0.2%	0.0%	0.2%	0.0%	0.0%	0.2%	0.0%	0.0%	0.1%	-0.4%	-0.6%	0.1%
Dry (22%)												
No Action Alternative	62.1	57.3	51.3	47.5	48.5	51.0	54.2	56.9	59.4	61.8	62.7	62.7
Alternative C	61.6	57.3	51.4	47.7	48.5	51.1	54.4	57.3	59.9	61.4	62.5	62.6
Difference	-0.5	0.0	0.1	0.1	0.0	0.1	0.2	0.4	0.5	-0.4	-0.1	-0.1
Percent Difference	-0.8%	-0.1%	0.2%	0.2%	0.0%	0.2%	0.4%	0.7%	0.8%	-0.6%	-0.2%	-0.2%
Critical (15%)												
No Action Alternative	64.0	57.8	50.1	47.3	48.8	52.3	55.8	60.0	63.4	66.3	67.5	67.3
Alternative C	63.9	57.9	50.3	47.5	48.9	52.4	56.1	59.6	62.8	66.3	66.4	66.4
Difference	-0.1	0.1	0.2	0.2	0.1	0.1	0.2	-0.5	-0.6	0.1	-1.1	-0.8
Percent Difference	-0.1%	0.2%	0.4%	0.4%	0.3%	0.1%	0.4%	-0.8%	-1.0%	0.1%	-1.6%	-1.2%

3 Relative difference of the monthly average



Figure SQ-39-3b American River below Nimbus Dam, Monthly Temperature Probability of Exceedance

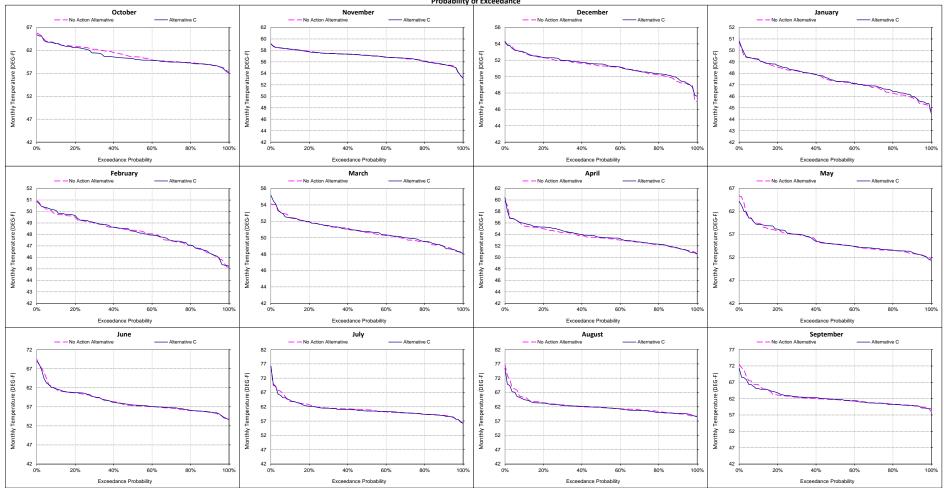


Table SQ-39-3b American River below Nimbus Dam, Monthly Temperature Probability of Exceedance

									Probabilit	y of Exceedance									
Percent		October			Percent		November			Percent		December			Percent		January		
Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	(DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)
0.0%	(DEG-F) 65.8	(DEG-F) 65.4	-0.3	-0.5%		(DEG-F) 59.1	(DEG-F) 59.2	0.0	0.1%	(%) 0.0%	(DEG-F) 54.1	(DEG-F) 54.3	0.2	0.3%	0.0%	(DEG-F) 50.8	(DEG-F) 50.8	0.1	0.1%
1.3%	65.5	65.2	-0.3	-0.5%	1.3%	58.8	58.7	-0.1	-0.1%	1.3%	53.9	53.8	-0.1	-0.2%	1.3%	50.2	50.8	0.1	0.1%
2.5%	65.2	65.1	0.0	0.0%	2.5%	58.6	58.5	-0.1	-0.1%	2.5%	53.8	53.8	0.0	0.1%	2.5%	49.5	49.8	0.3	0.7%
3.8%	64.5	64.1	-0.4	-0.6%	3.8%	58.5	58.5	0.0	0.0%	3.8%	53.7	53.4	-0.2	-0.4%	3.8%	49.5	49.4	-0.1	-0.1%
5.0% 6.3%	64.0 64.0	63.8 63.8	-0.1	-0.2%	5.0% 6.3%	58.4 58.4	58.5 58.4	0.0	0.1% 0.1%	5.0% 6.3%	53.2 53.1	53.3 53.2	0.1 0.1	0.1%	5.0%	49.4 49.3	49.4 49.3	0.0	0.0%
7.5%	63.9	63.8	-0.2 -0.1	-0.3% -0.2%	7.5%	58.4	58.3	0.0	-0.1%	7.5%	53.1	53.1	0.0	0.1%	6.3% 7.5%	49.3	49.3	0.0	0.0% -0.1%
8.8%	63.7	63.6	-0.1	-0.2%	8.8%	58.3	58.3	-0.1	-0.1%	8.8%	53.1	53.1	0.0	-0.1%	8.8%	49.3	49.3	0.0	-0.1%
10.0%	63.4	63.5	0.2	0.3%	10.0%	58.2	58.2	0.0	0.0%	10.0%	52.8	53.0	0.1	0.2%	10.0%	49.3	49.2	-0.1	-0.1%
11.3% 12.5%	63.3 63.2	63.5 63.2	0.2	0.2%	11.3% 12.5%	58.1 58.1	58.2 58.2	0.1	0.2%	11.3% 12.5%	52.8 52.7	52.9 52.6	0.1	-0.2%	11.3% 12.5%	49.1 49.0	49.0	0.0	-0.1%
12.5%	63.1	63.0	0.0	-0.1%	12.5%	58.0	58.2 58.1	0.1	0.2% 0.1%	13.8%	52.7 52.6	52.6 52.6	-0.1 0.0	-0.2%	13.8%	49.0 48.9	49.0	0.0	0.1%
15.0%	63.1	62.9	-0.2	-0.1%	15.0%	58.0	58.1	0.0	0.1%	15.0%	52.5	52.5	0.0	-0.1%	15.0%	48.8	48.8	0.0	0.0%
16.3%	63.1	62.9	-0.2	-0.3%	16.3%	58.0	58.0	-0.1	-0.1%	16.3%	52.5	52.5	0.0	0.0%	16.3%	48.7	48.8	0.1	0.2%
17.5%	63.0	62.8	-0.1	-0.2%	17.5%	57.9	57.9	0.0	-0.1%	17.5%	52.4	52.5	0.1	0.2%	17.5%	48.7	48.8	0.2	0.3%
18.8% 20.0%	62.9 62.9	62.6 62.6	-0.3 -0.3	-0.4% -0.5%	18.8% 20.0%	57.9 57.8	57.8 57.7	-0.1 -0.1	-0.1% -0.2%	18.8% 20.0%	52.4 52.3	52.4 52.3	0.0	0.1%	18.8% 20.0%	48.6 48.5	48.8 48.7	0.2 0.1	0.5%
21.3%	62.8	62.6	-0.2	-0.3%	21.3%	57.8	57.7	-0.2	-0.2%	21.3%	52.3	52.3	0.0	0.1%	21.3%	48.5	48.6	0.1	0.3%
22.5%	62.8	62.5	-0.3	-0.4%	22.5%	57.7	57.7	-0.1	-0.1%	22.5%	52.2	52.3	0.1	0.1%	22.5%	48.4	48.5	0.1	0.3%
23.8%	62.7	62.4	-0.2	-0.4%	23.8%	57.6	57.6	0.0	0.1%	23.8%	52.2	52.3	0.1	0.2%	23.8%	48.4	48.5	0.1	0.2%
25.0% 26.3%	62.6	62.3	-0.3	-0.4%	25.0% 26.3%	57.6 57.5	57.6 57.5	0.0	0.1%	25.0% 26.3%	52.1 52.0	52.3 52.3	0.2	0.4%	25.0%	48.3	48.5 48.3	0.2	0.4%
27.5%	62.6 62.4	62.2 62.0	-0.4 -0.4	-0.7% -0.7%	20.3%	57.5 57.5	57.5	0.0	0.0%	27.5%	52.0	52.3	0.3	0.6%	26.3% 27.5%	48.3 48.3	48.3	0.1	0.1%
28.8%	62.3	61.5	-0.8	-1.3%	28.8%	57.5	57.5	0.0	0.0%	28.8%	52.0	52.0	0.1	0.2%	28.8%	48.2	48.3	0.0	0.1%
30.0%	62.3	61.4	-0.8	-1.3%	30.0%	57.5	57.5	0.0	-0.1%	30.0%	51.9	52.0	0.0	0.1%	30.0%	48.2	48.2	0.0	0.0%
31.3%	62.3	61.4	-0.9	-1.4%	31.3%	57.5	57.5	0.0	-0.1%	31.3%	51.9	52.0	0.0	0.1%	31.3%	48.2	48.2	0.0	0.1%
32.5%	62.1 62.0	61.4 61.2	-0.7 -0.8	-1.1% -1.3%	32.5% 33.8%	57.5 57.5	57.4 57.4	-0.1 -0.1	-0.1% -0.1%	32.5% 33.8%	51.9 51.9	52.0 51.9	0.1	0.1%	32.5% 33.8%	48.1 48.1	48.2 48.1	0.1	0.1%
35.0%	61.9	60.7	-1.2	-2.0%	35.0%	57.4	57.4	0.0	0.0%	35.0%	51.7	51.9	0.0	0.2%	35.0%	48.1	48.0	0.0	0.0%
36.3%	61.8	60.7	-1.1	-1.8%	36.3%	57.4	57.4	0.0	0.0%	36.3%	51.7	51.8	0.1	0.2%	36.3%	48.0	48.0	0.0	0.0%
37.5%	61.8	60.7	-1.2	-1.9%	37.5%	57.4	57.4	0.0	-0.1%	37.5%	51.7	51.8	0.1	0.2%	37.5%	48.0	48.0	0.0	0.0%
38.8% 40.0%	61.8 61.5	60.6 60.6	-1.1 -0.9	-1.8% -1.5%	38.8% 40.0%	57.4 57.4	57.3 57.3	0.0	-0.1% -0.1%	38.8% 40.0%	51.7 51.6	51.8 51.7	0.1	0.3%	38.8% 40.0%	47.9 47.9	48.0 47.9	0.0	0.0%
41.3%	61.5	60.5	-1.0	-1.5%	41.3%	57.4	57.3	0.0	-0.1%	41.3%	51.6	51.7	0.1	0.2%	41.3%	47.8	47.8	0.0	0.0%
42.5%	61.4	60.4	-1.0	-1.5%	42.5%	57.3	57.3	0.0	-0.1%	42.5%	51.6	51.7	0.1	0.2%	42.5%	47.8	47.8	0.0	0.1%
43.8%	61.2	60.4	-0.8	-1.3%	43.8%	57.3	57.3	-0.1	-0.1%	43.8%	51.5	51.6	0.1	0.1%	43.8%	47.6	47.8	0.2	0.4%
45.0% 46.3%	61.2 61.0	60.4 60.3	-0.8	-1.3%	45.0% 46.3%	57.3 57.2	57.2 57.2	0.0	-0.1%	45.0% 46.3%	51.5 51.5	51.6 51.6	0.1	0.2%	45.0% 46.3%	47.5 47.4	47.6 47.6	0.1	0.1%
47.5%	60.8	60.3	-0.6 -0.5	-1.0% -0.8%	47.5%	57.2	57.2	0.0	0.0% -0.1%	47.5%	51.4	51.6	0.1	0.2%	47.5%	47.4	47.5	0.2	0.3%
48.8%	60.7	60.2	-0.5	-0.8%	48.8%	57.2	57.2	0.0	-0.1%	48.8%	51.3	51.5	0.2	0.5%	48.8%	47.3	47.4	0.1	0.2%
50.0%	60.6	60.2	-0.4	-0.7%	50.0%	57.2	57.1	0.0	-0.1%	50.0%	51.3	51.5	0.2	0.5%	50.0%	47.3	47.3	0.0	0.0%
51.3% 52.5%	60.6 60.6	60.0	-0.6 -0.6	-1.0% -1.0%	51.3% 52.5%	57.1 57.1	57.1 57.0	0.0	0.0%	51.3% 52.5%	51.3	51.5 51.4	0.2	0.4%	51.3% 52.5%	47.3 47.3	47.3 47.3	0.0	0.0%
52.5%	60.6	60.0 60.0	-0.6	-1.0%	52.5%	57.1 57.0	57.0 57.0	0.0	-0.1% 0.0%	53.8%	51.3 51.2	51.4 51.3	0.2	0.3%	52.5%	47.3 47.2	47.3 47.3	0.0	0.0%
55.0%	60.4	59.9	-0.5	-0.9%	55.0%	57.0	57.0	0.0	0.0%	55.0%	51.2	51.3	0.1	0.1%	55.0%	47.2	47.3	0.0	0.1%
56.3%	60.3	59.9	-0.4	-0.7%	56.3%	57.0	57.0	0.0	0.0%	56.3%	51.2	51.3	0.1	0.1%	56.3%	47.2	47.3	0.1	0.1%
57.5%	60.3	59.9	-0.4	-0.7%	57.5%	57.0	56.9	-0.1	-0.1%	57.5%	51.2	51.3	0.1	0.1%	57.5%	47.2	47.2	0.0	0.1%
58.8% 60.0%	60.0 59.9	59.9 59.8	-0.1 -0.1	-0.2% -0.2%	58.8% 60.0%	56.8 56.8	56.9 56.8	0.1	0.1%	58.8% 60.0%	51.1 51.1	51.2 51.2	0.1	0.1%	58.8% 60.0%	47.2 47.1	47.1 47.1	-0.1 0.0	-0.2% -0.1%
61.3%	59.8	59.8	0.0	0.0%	61.3%	56.8	56.8	0.0	0.0%	61.3%	51.1	51.0	-0.1	-0.2%	61.3%	47.1	47.1	0.0	0.0%
62.5%	59.8	59.8	0.0	0.1%	62.5%	56.8	56.8	0.0	0.0%	62.5%	51.0	50.9	-0.1	-0.1%	62.5%	47.0	47.0	0.0	0.0%
63.8%	59.7	59.7	0.0	-0.1%	63.8%	56.7	56.8	0.0	0.1%	63.8%	50.9	50.9	0.0	0.0%	63.8%	47.0	47.0	0.0	0.0%
65.0% 66.3%	59.7 59.7	59.6 59.5	-0.1 -0.2	-0.2% -0.3%	65.0% 66.3%	56.7 56.7	56.7 56.7	0.0	0.0%	65.0% 66.3%	50.9 50.9	50.9 50.8	0.0 -0.1	0.0% -0.1%	65.0% 66.3%	47.0 47.0	46.9 46.9	-0.1 -0.1	-0.1% -0.1%
67.5%	59.6	59.5	-0.2	-0.3%	67.5%	56.7	56.7	0.0	0.0%	67.5%	50.8	50.7	-0.1	-0.1%	67.5%	47.0	46.9	-0.1	-0.1%
68.8%	59.6	59.5	-0.1	-0.2%	68.8%	56.7	56.7	0.0	0.0%	68.8%	50.7	50.7	0.0	-0.1%	68.8%	46.8	46.9	0.1	0.3%
70.0%	59.6	59.5	-0.1	-0.2%	70.0%	56.5	56.6	0.1	0.2%	70.0%	50.7	50.6	0.0	-0.1%	70.0%	46.8	46.9	0.1	0.3%
71.3% 72.5%	59.6 59.6	59.5 59.5	-0.1 -0.1	-0.2% -0.2%	71.3% 72.5%	56.5 56.5	56.6 56.6	0.1	0.2%	71.3% 72.5%	50.6 50.6	50.6 50.6	-0.1 0.0	-0.1% 0.0%	71.3% 72.5%	46.8 46.7	46.9 46.8	0.1 0.1	0.3%
73.8%	59.5	59.5	0.0	0.0%	73.8%	56.5	56.5	0.0	0.1%	73.8%	50.5	50.6	0.0	0.0%	73.8%	46.6	46.8	0.1	0.1%
75.0%	59.4	59.4	0.0	0.0%	75.0%	56.5	56.4	0.0	0.0%	75.0%	50.3	50.5	0.2	0.3%	75.0%	46.6	46.6	0.1	0.1%
76.3%	59.4	59.3	0.0	-0.1%	76.3%	56.4	56.4	0.0	-0.1%	76.3%	50.3	50.5	0.1	0.3%	76.3%	46.4	46.6	0.3	0.5%
77.5%	59.4	59.3	0.0	-0.1%	77.5%	56.3	56.4	0.1	0.2%	77.5%	50.3	50.4	0.1	0.2%	77.5%	46.3	46.6	0.3	0.5%
78.8% 80.0%	59.4 59.4	59.3 59.3	-0.1 -0.1	-0.1% -0.1%	78.8% 80.0%	56.2 56.1	56.1 56.1	0.0	-0.1% -0.1%	78.8% 80.0%	50.3 50.2	50.4 50.3	0.2	0.3%	78.8% 80.0%	46.3 46.3	46.5 46.4	0.2	0.5%
81.3%	59.4	59.2	-0.2	-0.3%	81.3%	56.1	56.0	-0.1	-0.2%	81.3%	50.2	50.3	0.2	0.3%	81.3%	46.2	46.4	0.2	0.4%
82.5%	59.2	59.1	-0.1	-0.2%	82.5%	56.0	55.9	-0.1	-0.2%	82.5%	50.1	50.3	0.2	0.3%	82.5%	46.2	46.4	0.2	0.4%
83.8%	59.2	59.1	-0.1	-0.2%	83.8%	56.0	55.9	-0.1	-0.2%	83.8%	50.0	50.3	0.2	0.4%	83.8%	46.1	46.3	0.2	0.4%
85.0% 86.3%	59.1 59.0	59.1 59.1	0.0	0.0%	85.0% 86.3%	55.8 55.7	55.8 55.8	0.0	-0.1% 0.1%	85.0% 86.3%	49.9 49.9	50.2 50.1	0.2	0.4%	85.0% 86.3%	46.1 46.1	46.3 46.3	0.2	0.4%
87.5%	59.0	59.0	0.0	0.1%	87.5%	55.6	55.7	0.1	0.1%	87.5%	49.8	50.0	0.2	0.4%	87.5%	46.0	46.2	0.2	0.3%
88.8%	58.9	59.0	0.0	0.1%	88.8%	55.6	55.6	0.1	0.1%	88.8%	49.4	50.0	0.5	1.0%	88.8%	46.0	46.2	0.2	0.5%
90.0%	58.8	58.9	0.1	0.2%	90.0%	55.5	55.5	0.0	0.1%	90.0%	49.4	49.8	0.4	0.7%	90.0%	45.9	46.0	0.1	0.1%
91.3% 92.5%	58.8 58.7	58.8 58.7	0.0	0.0%	91.3% 92.5%	55.5 55.4	55.5 55.3	-0.1	-0.1% -0.1%	91.3% 92.5%	49.2 49.2	49.5 49.4	0.3	0.5%	91.3% 92.5%	45.8 45.8	46.0 45.8	0.2	0.4%
92.5%	58.7 58.5	58.7 58.7	0.0	0.0%	92.5%	55.4 55.4	55.3 55.3	-0.1	-0.1%	93.8%	49.2 49.2	49.4 49.4	0.2	0.3%	92.5%	45.8 45.4	45.8 45.6	0.0	0.0%
95.0%	58.4	58.5	0.0	0.1%	95.0%	55.3	55.1	-0.2	-0.3%	95.0%	49.2	49.1	-0.1	-0.2%	95.0%	45.4	45.5	0.2	0.4%
96.3%	58.3	58.3	0.0	-0.1%	96.3%	55.0	55.0	0.1	0.1%	96.3%	49.0	49.0	0.0	0.0%	96.3%	45.3	45.5	0.2	0.4%
97.5% 98.8%	58.1 57.6	57.8	-0.3 -0.3	-0.5%	97.5% 98.8%	54.1 53.6	54.2	0.1	0.3%	97.5% 98.8%	49.0	48.7 47.7	-0.3 0.6	-0.5%	97.5% 98.8%	45.3	45.4	0.1	0.2%
98.8% 100.0%	57.6 57.3	57.3 57.1	-0.3	-0.5% -0.5%	98.8% 100.0%	53.6 53.2	53.6 53.2	0.0	0.0%	98.8% 100.0%	47.1 46.9	47.7 47.6	0.6	1.4% 1.5%	98.8% 100.0%	45.2 44.5	45.3 44.5	0.2	0.4%
100.070	01.0	····	0.0	0.070	100.070		00.L	0.0	0.070	100.070	10.0	-11.0	0	1.070	100.070			0.0	0.070

Table SQ-39-3b American River below Nimbus Dam, Monthly Temperature Probability of Exceedance

		February					March					April					May		
Percent Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Percent Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Percent Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Percent Exceedance	No Action Alternative	Alternative C	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)	Billerende (70)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Billion (14)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Dilleteriot (14)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (10)
0.0%	51.0	50.9	-0.1	-0.1%	0.0%	54.1	55.2	1.1	2.0%	0.0%	59.8	60.4	0.6	1.0%	0.0%	65.4	64.2	-1.2	-1.9%
1.3%	50.8	50.7	-0.1	-0.2%	1.3%	54.1	54.5	0.5	0.9%	1.3%	59.1	58.1	-0.9	-1.6%	1.3%	65.2	63.3	-1.8	-2.8%
2.5%	50.4	50.4	0.0	0.0%	2.5%	54.0	54.1	0.1	0.1%	2.5%	56.9	56.8	-0.1	-0.2%	2.5%	63.9	62.1	-1.8	-2.8%
3.8%	50.4	50.4	0.0	0.0%	3.8%	53.3	53.4	0.1	0.2%	3.8%	56.8	56.8	0.0	0.0%	3.8%	61.3	61.9	0.6	0.9%
5.0% 6.3%	50.2 50.2	50.3 50.3	0.1	0.3%	5.0% 6.3%	53.2 53.0	53.1 53.0	-0.1 0.0	-0.2% 0.0%	5.0% 6.3%	56.7 56.4	56.7 56.4	0.0 -0.1	0.0% -0.1%	5.0% 6.3%	60.8 60.6	60.6 60.5	-0.2 -0.1	-0.4% -0.1%
7.5%	50.2	50.3	0.1	0.2%	7.5%	53.0	53.0	-0.4	-0.7%	7.5%	56.1	56.1	0.0	0.0%	7.5%	59.7	59.8	0.0	0.1%
8.8%	49.9	50.2	0.3	0.6%	8.8%	52.8	52.5	-0.4	-0.7%	8.8%	55.7	56.0	0.3	0.6%	8.8%	59.5	59.2	-0.3	-0.5%
10.0%	49.8	50.1	0.3	0.5%	10.0%	52.4	52.5	0.0	0.1%	10.0%	55.5	55.9	0.5	0.8%	10.0%	59.4	59.1	-0.2	-0.4%
11.3%	49.7	49.8	0.1	0.2%	11.3%	52.3	52.4	0.1	0.1%	11.3%	55.3	55.8	0.5	0.8%	11.3%	59.3	59.1	-0.2	-0.3%
12.5%	49.7	49.8	0.1	0.2%	12.5%	52.3	52.4	0.1	0.1%	12.5%	55.3	55.7	0.4	0.7%	12.5%	58.6	59.1	0.5	0.9%
13.8%	49.7	49.8	0.1	0.2%	13.8%	52.3	52.3	0.0	-0.1%	13.8%	55.3	55.6	0.3	0.5%	13.8%	58.5	58.9	0.4	0.7%
15.0%	49.7	49.8	0.1	0.2%	15.0%	52.2	52.1	-0.1	-0.1%	15.0%	55.3	55.4	0.1	0.2%	15.0%	58.3	58.9	0.6	1.1%
16.3%	49.6	49.8	0.1	0.3%	16.3%	52.1	52.1	0.0	0.0%	16.3%	55.2	55.4	0.1	0.3%	16.3%	58.1	58.8	0.7	1.2%
17.5%	49.6 49.6	49.7 49.7	0.1	0.2%	17.5%	52.0	52.0 52.0	0.1	0.2%	17.5%	55.2	55.3 55.3	0.2	0.3%	17.5%	58.1 57.9	58.8 58.2	0.8	1.3%
18.8% 20.0%	49.5	49.7	0.1	0.3%	18.8% 20.0%	51.9 51.9	52.0	0.1	0.1%	18.8% 20.0%	55.1 55.0	55.3	0.2	0.4%	18.8% 20.0%	57.9 57.8	58.2	0.3	0.5% 0.6%
21.3%	49.2	49.4	0.2	0.3%	21.3%	51.8	51.8	0.0	-0.1%	21.3%	54.9	55.3	0.4	0.7%	21.3%	57.8	58.0	0.1	0.2%
22.5%	49.2	49.3	0.0	0.1%	22.5%	51.8	51.8	0.0	0.0%	22.5%	54.8	55.2	0.5	0.9%	22.5%	57.4	58.0	0.6	1.0%
23.8%	49.2	49.2	0.0	0.1%	23.8%	51.7	51.7	0.0	0.0%	23.8%	54.7	55.2	0.5	0.9%	23.8%	57.3	57.9	0.6	1.0%
25.0%	49.2	49.2	0.1	0.2%	25.0%	51.6	51.7	0.0	0.0%	25.0%	54.7	55.0	0.4	0.7%	25.0%	57.2	57.3	0.1	0.1%
26.3%	49.1	49.2	0.1	0.1%	26.3%	51.6	51.6	0.0	0.0%	26.3%	54.5	55.0	0.5	0.9%	26.3%	57.1	57.3	0.1	0.2%
27.5%	49.1	49.1	0.0	0.0%	27.5%	51.5	51.5	0.0	0.0%	27.5%	54.5	54.9	0.4	0.7%	27.5%	57.1	57.1	0.0	0.0%
28.8%	49.1	49.1	0.0	0.0%	28.8%	51.5	51.5	0.0	0.1%	28.8%	54.4	54.8	0.4	0.8%	28.8%	57.1	57.1	0.0	0.0%
30.0%	49.0	49.0	0.1	0.1%	30.0%	51.4	51.5	0.1	0.2%	30.0%	54.3	54.6	0.3	0.5%	30.0%	57.0	57.0	0.0	0.1%
31.3% 32.5%	49.0 48.9	49.0 48.9	0.0	0.1%	31.3% 32.5%	51.3 51.3	51.4 51.3	0.1	0.2%	31.3% 32.5%	54.3 54.3	54.5 54.4	0.2	0.3%	31.3% 32.5%	56.9 56.8	57.0 57.0	0.1	0.2%
32.5%	48.9 48.9	48.9 48.9	0.0	0.0%	32.5%	51.3 51.3	51.3 51.3	0.0	0.0%	32.5%	54.3 54.2	54.4 54.3	0.1	0.2%	32.5%	56.8	57.0	0.2	0.3%
35.0%	48.8	48.9	0.0	0.1%	35.0%	51.2	51.3	0.1	0.1%	35.0%	54.2	54.3	0.1	0.2%	35.0%	56.6	56.6	0.0	0.1%
36.3%	48.7	48.8	0.1	0.2%	36.3%	51.2	51.2	0.0	0.0%	36.3%	54.2	54.2	0.0	-0.1%	36.3%	56.4	56.5	0.1	0.2%
37.5%	48.6	48.8	0.1	0.3%	37.5%	51.2	51.1	-0.1	-0.2%	37.5%	53.9	54.1	0.3	0.5%	37.5%	56.3	56.2	-0.1	-0.2%
38.8%	48.6	48.7	0.0	0.0%	38.8%	51.2	51.1	-0.1	-0.3%	38.8%	53.8	54.0	0.2	0.3%	38.8%	56.2	55.8	-0.4	-0.8%
40.0%	48.6	48.6	0.0	0.0%	40.0%	51.2	51.1	-0.1	-0.3%	40.0%	53.8	54.0	0.2	0.4%	40.0%	55.7	55.5	-0.2	-0.4%
41.3%	48.6	48.6	0.0	0.1%	41.3%	51.0	51.0	-0.1	-0.2%	41.3%	53.7	53.9	0.1	0.2%	41.3%	55.3	55.4	0.1	0.1%
42.5%	48.5	48.5	0.0	0.0%	42.5%	51.0	50.9	0.0	0.0%	42.5%	53.5	53.9	0.3	0.6%	42.5%	55.2	55.3	0.1	0.3%
43.8%	48.5	48.5	0.0	0.1%	43.8%	50.9	50.9	0.0	0.1%	43.8%	53.5	53.8	0.3	0.6%	43.8%	55.1	55.2	0.1	0.2%
45.0% 46.3%	48.5 48.4	48.5 48.5	0.0	0.1% 0.1%	45.0% 46.3%	50.9 50.8	50.9 50.8	0.0	0.1% 0.1%	45.0% 46.3%	53.5 53.5	53.8 53.8	0.3	0.6%	45.0% 46.3%	55.1 55.0	55.1 55.0	0.0	0.1%
47.5%	48.4	46.5 48.5	0.1	0.1%	47.5%	50.6	50.8	0.0	0.1%	47.5%	53.5	53.6	0.3	0.8%	47.5%	55.0	55.0	0.0	-0.1%
48.8%	48.4	48.3	-0.1	-0.2%	48.8%	50.6	50.8	0.1	0.2%	48.8%	53.4	53.5	0.1	0.1%	48.8%	54.9	55.0	0.1	0.1%
50.0%	48.4	48.3	-0.1	-0.1%	50.0%	50.6	50.7	0.1	0.2%	50.0%	53.4	53.5	0.1	0.2%	50.0%	54.8	54.9	0.0	0.0%
51.3%	48.4	48.3	-0.1	-0.2%	51.3%	50.6	50.7	0.1	0.3%	51.3%	53.4	53.5	0.1	0.1%	51.3%	54.8	54.9	0.0	0.1%
52.5%	48.3	48.2	-0.1	-0.3%	52.5%	50.6	50.7	0.1	0.2%	52.5%	53.3	53.4	0.2	0.3%	52.5%	54.7	54.8	0.1	0.2%
53.8%	48.3	48.1	-0.2	-0.4%	53.8%	50.5	50.7	0.2	0.4%	53.8%	53.3	53.4	0.2	0.3%	53.8%	54.7	54.7	0.0	0.0%
55.0%	48.3	48.1	-0.2	-0.3%	55.0%	50.4	50.6	0.2	0.4%	55.0%	53.2	53.4	0.2	0.3%	55.0%	54.7	54.6	-0.1	-0.1%
56.3%	48.2	48.0	-0.1	-0.2%	56.3%	50.4	50.6	0.2	0.4%	56.3%	53.2	53.4	0.2	0.3%	56.3%	54.6	54.6	0.0	0.0%
57.5%	48.1	48.0 48.0	-0.1	-0.2%	57.5%	50.3	50.4	0.1	0.1%	57.5%	53.1	53.4	0.3	0.5%	57.5%	54.5	54.6	0.0	0.0%
58.8% 60.0%	48.0 48.0	46.0	-0.1 -0.1	-0.2% -0.2%	58.8% 60.0%	50.3 50.3	50.4 50.3	0.0	0.1%	58.8% 60.0%	53.1 53.0	53.3 53.2	0.3	0.5%	58.8% 60.0%	54.4 54.4	54.5 54.4	0.0	0.0%
61.3%	48.0	47.9	-0.1	-0.1%	61.3%	50.2	50.3	0.1	0.2%	61.3%	53.0	53.1	0.2	0.4%	61.3%	54.2	54.3	0.1	0.2%
62.5%	48.0	47.9	0.0	-0.1%	62.5%	50.2	50.3	0.0	0.1%	62.5%	52.9	53.0	0.0	0.1%	62.5%	54.1	54.2	0.1	0.2%
63.8%	47.9	47.8	-0.1	-0.1%	63.8%	50.2	50.2	0.0	0.0%	63.8%	52.8	52.9	0.1	0.2%	63.8%	54.1	54.2	0.1	0.2%
65.0%	47.7	47.8	0.1	0.2%	65.0%	50.1	50.2	0.1	0.1%	65.0%	52.8	52.9	0.1	0.2%	65.0%	54.0	54.1	0.1	0.2%
66.3%	47.5	47.7	0.2	0.4%	66.3%	50.1	50.1	0.1	0.1%	66.3%	52.8	52.8	0.0	0.1%	66.3%	54.0	54.1	0.1	0.2%
67.5%	47.5	47.7	0.2	0.4%	67.5%	50.0	50.1	0.2	0.3%	67.5%	52.7	52.8	0.1	0.2%	67.5%	54.0	54.1	0.1	0.1%
68.8% 70.0%	47.5 47.4	47.5 47.5	0.0	0.0%	68.8%	49.9 49.9	50.0 50.0	0.1	0.1%	68.8% 70.0%	52.7 52.7	52.7 52.7	0.0	0.0%	68.8%	53.8 53.8	54.0 54.0	0.2	0.4%
				0.1%	70.0%				0.2%					0.0%	70.0%				0.3%
71.3% 72.5%	47.4 47.3	47.4 47.4	0.0	0.0%	71.3% 72.5%	49.7 49.7	50.0 49.9	0.3	0.6%	71.3% 72.5%	52.6 52.5	52.7 52.5	0.1	0.2%	71.3% 72.5%	53.7 53.7	54.0 53.9	0.2	0.4%
73.8%	47.3	47.4	0.1	0.1%	73.8%	49.7	49.9	0.2	0.4%	73.8%	52.5 52.5	52.5	0.0	0.0%	73.8%	53.6	53.8	0.3	0.3%
75.0%	47.3	47.4	0.1	0.2%	75.0%	49.7	49.9	0.2	0.4%	75.0%	52.5	52.4	0.0	0.0%	75.0%	53.6	53.7	0.1	0.3%
76.3%	47.3	47.3	0.1	0.1%	76.3%	49.6	49.8	0.2	0.4%	76.3%	52.3	52.4	0.0	0.1%	76.3%	53.6	53.7	0.2	0.3%
77.5%	47.1	47.3	0.2	0.4%	77.5%	49.5	49.7	0.1	0.2%	77.5%	52.3	52.4	0.1	0.2%	77.5%	53.5	53.6	0.1	0.2%
78.8%	47.1	47.1	0.0	0.0%	78.8%	49.5	49.6	0.1	0.1%	78.8%	52.3	52.3	0.1	0.1%	78.8%	53.5	53.6	0.1	0.2%
80.0%	47.0	47.1	0.0	0.1%	80.0%	49.5	49.5	0.0	0.1%	80.0%	52.2	52.3	0.1	0.1%	80.0%	53.5	53.6	0.1	0.2%
81.3%	47.0	47.0	0.0	0.0%	81.3%	49.5	49.5	0.0	0.1%	81.3%	52.2	52.2	0.0	0.1%	81.3%	53.5	53.5	0.0	0.0%
82.5%	46.8	46.8	0.0	0.0%	82.5%	49.4	49.5	0.1	0.2%	82.5%	52.2	52.2	0.0	0.0%	82.5%	53.4	53.4	0.0	0.0%
83.8%	46.8	46.8	0.0	0.1%	83.8%	49.2	49.3	0.2	0.4%	83.8%	52.1	52.1	0.1	0.1%	83.8%	53.4	53.4	0.0	0.0%
85.0% 86.3%	46.7 46.7	46.8 46.7	0.1	0.2%	85.0% 86.3%	49.1 49.1	49.3 49.2	0.1	0.3%	85.0% 86.3%	52.0 51.8	51.9 51.9	-0.1 0.1	-0.1% 0.2%	85.0% 86.3%	53.3 53.2	53.4 53.4	0.2	0.3%
86.3%	46.7 46.5	46.7 46.6	0.0	0.0%	86.3% 87.5%	49.1 49.1	49.2 49.2	0.1	0.2%	86.3% 87.5%	51.8	51.9 51.8	0.1	0.2%	86.3% 87.5%	53.2	53.4	0.2	0.6%
87.5% 88.8%	46.5 46.4	46.5	0.0	0.1%	87.5%	49.1 49.1	49.2 49.0	0.1	0.2%	87.5% 88.8%	51.8 51.7	51.8 51.8	0.1	0.1%	87.5% 88.8%	52.9	53.4	0.3	0.6%
90.0%	46.4	46.3	0.0	0.3%	90.0%	49.1	49.0	0.0	-0.1%	90.0%	51.7	51.6	0.0	0.2%	90.0%	52.9	53.3	0.5	0.9%
91.3%	46.3	46.3	0.0	0.0%	91.3%	48.8	48.7	-0.2	-0.1%	91.3%	51.5	51.5	0.0	0.0%	91.3%	52.8	52.8	0.1	0.2%
92.5%	46.1	46.2	0.0	0.1%	92.5%	48.8	48.7	-0.1	-0.3%	92.5%	51.4	51.4	0.0	0.0%	92.5%	52.7	52.7	0.0	0.0%
93.8%	46.0	46.1	0.1	0.2%	93.8%	48.7	48.6	-0.1	-0.2%	93.8%	51.3	51.4	0.1	0.1%	93.8%	52.6	52.6	0.1	0.1%
95.0%	45.8	45.9	0.1	0.2%	95.0%	48.5	48.6	0.1	0.2%	95.0%	51.2	51.1	-0.1	-0.1%	95.0%	52.5	52.5	-0.1	-0.2%
96.3%	45.8	45.4	-0.4	-0.9%	96.3%	48.3	48.5	0.1	0.2%	96.3%	51.2	50.9	-0.3	-0.5%	96.3%	52.3	52.3	-0.1	-0.2%
97.5%	45.5	45.3	-0.2	-0.4%	97.5%	48.3	48.3	0.0	0.0%	97.5%	51.0	50.8	-0.2	-0.3%	97.5%	52.2	52.1	-0.1	-0.2%
98.8%	45.2	45.3	0.1	0.3%	98.8%	48.2	48.3	0.1	0.1%	98.8%	50.9	50.8	-0.2	-0.3%	98.8%	52.1	51.5	-0.6	-1.1%
100.0%	45.1	45.2	0.1	0.3%	100.0%	48.0	48.0	0.0	0.0%	100.0%	50.6	50.6	0.0	-0.1%	100.0%	51.4	51.4	-0.1	-0.1%

Table SQ-39-3b American River below Nimbus Dam, Monthly Temperature Probability of Exceedance

									Probabilit	y of Exceedance									
Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative
Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)
0.0%	69.5	69.0	-0.5	-0.8%	0.0%	76.1	76.2	0.1	0.2%	0.0%	76.7	75.4	-1.3	-1.6%	0.0%	72.5	71.3	-1.2	-1.6%
1.3%	67.8	68.2	0.4	0.5%	1.3%	69.5	69.9	0.5	0.7%	1.3%	72.8	69.9	-2.9	-4.0%	1.3%	71.5	68.6	-2.9	-4.1%
2.5% 3.8%	67.2 66.0	66.7 64.4	-0.5 -1.6	-0.8% -2.4%	2.5% 3.8%	69.2 67.8	69.1 66.4	-0.1 -1.3	-0.1% -2.0%	2.5% 3.8%	71.4 68.7	69.4 67.3	-2.0 -1.4	-2.8% -2.1%	2.5% 3.8%	70.8 68.7	68.4 67.8	-2.5 -0.9	-3.5% -1.4%
5.0%	64.6	63.3	-1.3	-2.4%	5.0%	67.5	66.1	-1.5	-2.2%	5.0%	68.3	67.1	-1.1	-1.6%	5.0%	67.5	66.3	-1.2	-1.8%
6.3%	62.8	62.8	0.0	0.0%	6.3%	66.7	65.2	-1.5	-2.2%	6.3%	67.8	65.5	-2.3	-3.4%	6.3%	67.4	66.3	-1.1	-1.7%
7.5%	62.4 62.0	62.1 62.1	-0.3	-0.5%	7.5%	65.5	65.2	-0.4	-0.5%	7.5%	65.7	65.3 64.9	-0.4	-0.6%	7.5%	66.4	65.8	-0.7	-1.0%
8.8% 10.0%	62.0	62.1	0.1 0.1	0.2% 0.1%	8.8% 10.0%	64.2 63.9	64.7 64.3	0.5 0.4	0.7%	8.8% 10.0%	65.5 65.2	64.5	-0.6 -0.7	-0.9% -1.1%	8.8% 10.0%	66.3 66.2	65.1 65.1	-1.2 -1.2	-1.9% -1.8%
11.3%	61.2	61.6	0.4	0.6%	11.3%	63.9	63.8	0.0	0.0%	11.3%	65.0	64.3	-0.7	-1.1%	11.3%	65.5	64.9	-0.6	-0.9%
12.5%	61.0	61.3	0.3	0.5%	12.5%	63.8	63.8	0.0	0.0%	12.5%	64.2	64.1	-0.1	-0.1%	12.5%	65.0	64.9	-0.1	-0.2%
13.8% 15.0%	61.0 60.9	61.1 61.0	0.1 0.1	0.1%	13.8% 15.0%	63.6 63.3	63.4 63.2	-0.1 0.0	-0.2% 0.0%	13.8% 15.0%	64.0 63.9	63.7 63.5	-0.3 -0.4	-0.5% -0.6%	13.8% 15.0%	64.9 64.6	64.9 64.7	0.0	-0.1% 0.2%
16.3%	60.8	60.8	0.1	0.1%	16.3%	63.1	62.8	-0.3	-0.4%	16.3%	63.8	63.3	-0.4	-0.7%	16.3%	64.2	64.4	0.1	0.2%
17.5%	60.7	60.8	0.1	0.2%	17.5%	63.0	62.4	-0.6	-0.9%	17.5%	63.8	63.3	-0.4	-0.7%	17.5%	63.3	64.2	0.9	1.4%
18.8% 20.0%	60.7 60.6	60.8 60.7	0.1	0.1%	18.8% 20.0%	63.0 62.7	62.3 62.1	-0.6 -0.6	-1.0% -0.9%	18.8% 20.0%	63.6 63.4	63.3 63.3	-0.3 -0.1	-0.5% -0.2%	18.8% 20.0%	63.3 63.1	64.0 63.8	0.8 0.7	1.2%
21.3%	60.6	60.7	0.1	0.2%	21.3%	62.4	62.1	-0.8	-0.5%	21.3%	63.3	63.3	-0.1	-0.2%	21.3%	63.0	63.4	0.7	0.6%
22.5%	60.5	60.7	0.2	0.3%	22.5%	62.2	62.0	-0.1	-0.2%	22.5%	63.1	63.0	-0.1	-0.1%	22.5%	63.0	63.2	0.2	0.4%
23.8%	60.3	60.6	0.3	0.5%	23.8%	61.9	61.9	0.0	0.0%	23.8%	63.0	62.9	-0.1	-0.2%	23.8%	62.8	63.0	0.1	0.2%
25.0% 26.3%	60.3 60.2	60.5 60.3	0.3	0.5%	25.0% 26.3%	61.9 61.7	61.7 61.6	-0.2 -0.1	-0.3% -0.1%	25.0% 26.3%	63.0 62.9	62.8 62.8	-0.2 -0.1	-0.3% -0.2%	25.0% 26.3%	62.8 62.7	63.0 62.9	0.2	0.3%
27.5%	60.0	60.2	0.1	0.2%	27.5%	61.7	61.5	-0.1	-0.1%	27.5%	62.7	62.8	0.0	0.1%	27.5%	62.6	62.7	0.2	0.2%
28.8%	59.7	59.8	0.1	0.2%	28.8%	61.6	61.5	-0.1	-0.1%	28.8%	62.7	62.6	-0.1	-0.1%	28.8%	62.5	62.7	0.2	0.3%
30.0%	59.6	59.6	0.0	0.0%	30.0%	61.5	61.5	0.0	0.0%	30.0%	62.7	62.4	-0.3	-0.4%	30.0%	62.4	62.6	0.2	0.3%
31.3% 32.5%	59.4 59.4	59.5 59.5	0.1	0.1% 0.1%	31.3% 32.5%	61.5 61.4	61.4 61.4	0.0	0.0%	31.3% 32.5%	62.6 62.4	62.4 62.3	-0.3 -0.1	-0.4% -0.1%	31.3% 32.5%	62.3 62.3	62.5 62.5	0.1	0.2%
33.8%	59.0	59.1	0.0	0.1%	33.8%	61.4	61.3	-0.1	-0.1%	33.8%	62.4	62.3	0.0	0.0%	33.8%	62.2	62.4	0.2	0.3%
35.0%	58.9	58.7	-0.2	-0.4%	35.0%	61.4	61.1	-0.3	-0.5%	35.0%	62.3	62.3	0.0	0.0%	35.0%	62.2	62.4	0.2	0.4%
36.3% 37.5%	58.8 58.5	58.7 58.7	-0.1 0.2	-0.1% 0.3%	36.3% 37.5%	61.4 61.3	61.1 61.0	-0.3 -0.2	-0.5% -0.4%	36.3% 37.5%	62.3 62.1	62.2 62.2	-0.1 0.1	-0.1% 0.2%	36.3% 37.5%	62.1 62.1	62.4 62.4	0.3	0.4%
38.8%	58.5	58.3	-0.1	-0.2%	38.8%	61.3	61.0	-0.3	-0.4%	38.8%	62.1	62.2	0.1	0.2%	38.8%	62.1	62.3	0.3	0.4%
40.0%	58.3	58.1	-0.2	-0.3%	40.0%	61.3	61.0	-0.3	-0.5%	40.0%	62.0	62.2	0.2	0.3%	40.0%	62.1	62.3	0.3	0.4%
41.3% 42.5%	58.3 58.2	58.1 58.0	-0.2 -0.2	-0.3% -0.3%	41.3% 42.5%	61.3 61.2	61.0 61.0	-0.3 -0.2	-0.4%	41.3% 42.5%	62.0	62.1 62.1	0.2	0.3%	41.3% 42.5%	61.9 61.9	62.2 62.1	0.3	0.5%
42.5%	58.2 57.9	58.0 57.9	0.0	-0.3%	42.5%	61.2	61.0	-0.2	-0.3%	42.5%	61.9	62.0	0.2	0.3%	42.5% 43.8%	61.9	62.0	0.2	0.3%
45.0%	57.6	57.9	0.3	0.5%	45.0%	61.1	60.8	-0.3	-0.5%	45.0%	61.9	61.9	0.0	0.1%	45.0%	61.8	62.0	0.2	0.2%
46.3%	57.5	57.7	0.3	0.5%	46.3%	61.0	60.7	-0.3	-0.5%	46.3%	61.9	61.9	0.0	0.1%	46.3%	61.8	61.9	0.2	0.2%
47.5% 48.8%	57.4 57.3	57.6 57.5	0.2	0.3%	47.5% 48.8%	61.0 61.0	60.7 60.5	-0.3 -0.4	-0.5% -0.7%	47.5% 48.8%	61.8 61.8	61.9 61.9	0.1 0.1	0.1% 0.1%	47.5% 48.8%	61.7 61.7	61.9 61.8	0.2	0.3% 0.2%
50.0%	57.3	57.5	0.2	0.3%	50.0%	61.0	60.5	-0.4	-0.7%	50.0%	61.8	61.8	0.1	0.1%	50.0%	61.7	61.8	0.1	0.1%
51.3%	57.3	57.4	0.2	0.3%	51.3%	60.9	60.5	-0.4	-0.6%	51.3%	61.8	61.6	-0.1	-0.2%	51.3%	61.7	61.7	0.1	0.1%
52.5%	57.3	57.4 57.3	0.1	0.2%	52.5% 53.8%	60.8	60.5	-0.3	-0.6%	52.5% 53.8%	61.8	61.6	-0.1	-0.2%	52.5% 53.8%	61.6 61.5	61.7 61.7	0.1	0.2%
53.8% 55.0%	57.2 57.2	57.3	0.1	0.2%	55.0%	60.6 60.5	60.5 60.5	-0.1 -0.1	-0.2% -0.1%	55.0%	61.5 61.5	61.6 61.5	0.0	0.1%	55.0%	61.5	61.4	0.2 -0.1	0.3%
56.3%	57.2	57.3	0.1	0.2%	56.3%	60.3	60.4	0.1	0.2%	56.3%	61.4	61.5	0.1	0.2%	56.3%	61.5	61.4	0.0	-0.1%
57.5%	57.1	57.2	0.1	0.2%	57.5%	60.3	60.4	0.2	0.2%	57.5%	61.4	61.4	0.0	0.0%	57.5%	61.5	61.3	-0.1	-0.2%
58.8% 60.0%	57.1 57.0	57.1 57.1	0.0	0.1% 0.1%	58.8% 60.0%	60.3 60.2	60.4 60.3	0.1 0.1	0.2%	58.8% 60.0%	61.3 61.3	61.3 61.3	0.0	0.0%	58.8% 60.0%	61.5 61.4	61.3 61.3	-0.2 -0.1	-0.3% -0.2%
61.3%	57.0	57.0	0.0	0.0%	61.3%	60.1	60.3	0.2	0.4%	61.3%	61.3	61.1	-0.2	-0.3%	61.3%	61.4	61.1	-0.3	-0.4%
62.5%	57.0	57.0	0.0	0.0%	62.5%	60.0	60.3	0.2	0.4%	62.5%	61.2	61.0	-0.3	-0.4%	62.5%	61.2	61.0	-0.2	-0.3%
63.8% 65.0%	56.8 56.8	57.0 56.9	0.1 0.1	0.3%	63.8% 65.0%	60.0 60.0	60.2 60.2	0.2	0.3%	63.8% 65.0%	61.2 61.2	60.9 60.8	-0.3 -0.4	-0.4% -0.6%	63.8% 65.0%	61.1 61.0	60.9 60.9	-0.2 -0.1	-0.3% -0.2%
66.3%	56.8	56.9	0.1	0.2%	66.3%	59.9	60.1	0.1	0.2%	66.3%	61.1	60.8	-0.3	-0.6%	66.3%	60.9	60.8	-0.1	-0.2%
67.5%	56.7	56.9	0.2	0.3%	67.5%	59.9	60.0	0.1	0.2%	67.5%	61.1	60.7	-0.4	-0.6%	67.5%	60.7	60.7	0.0	0.0%
68.8% 70.0%	56.7 56.6	56.8 56.8	0.2 0.1	0.3%	68.8% 70.0%	59.9 59.9	60.0 59.8	0.1	0.2%	68.8% 70.0%	61.1 60.9	60.7 60.7	-0.4 -0.3	-0.6% -0.4%	68.8% 70.0%	60.7 60.7	60.7 60.7	0.0	0.0%
70.0%	56.6 56.6	56.8 56.7	0.1	0.2%	70.0% 71.3%	59.9 59.8	59.8 59.8	0.0	0.0%	70.0% 71.3%	60.9	60.7	-0.3 -0.2	-0.4%	70.0%	60.7	60.7	0.0	0.0%
72.5%	56.5	56.7	0.2	0.3%	72.5%	59.8	59.8	0.0	0.0%	72.5%	60.7	60.6	0.0	-0.1%	72.5%	60.6	60.6	0.0	0.0%
73.8%	56.4	56.5	0.2	0.3%	73.8%	59.7	59.8	0.0	0.1%	73.8%	60.7	60.6	0.0	-0.1%	73.8%	60.6	60.6	0.0	0.0%
75.0% 76.3%	56.3 56.2	56.5 56.4	0.3	0.5%	75.0% 76.3%	59.7 59.7	59.7 59.7	0.1	0.1% -0.1%	75.0% 76.3%	60.6 60.6	60.5 60.4	-0.2 -0.2	-0.3% -0.4%	75.0% 76.3%	60.6 60.6	60.5 60.5	-0.1 -0.1	-0.1% -0.2%
77.5%	56.1	56.3	0.2	0.4%	77.5%	59.6	59.7	0.0	0.2%	77.5%	60.6	60.2	-0.2	-0.4%	77.5%	60.5	60.3	-0.1	-0.4%
78.8%	56.1	56.2	0.2	0.3%	78.8%	59.4	59.5	0.1	0.2%	78.8%	60.5	60.0	-0.4	-0.7%	78.8%	60.3	60.3	-0.1	-0.1%
80.0%	56.0	56.0	0.1	0.1%	80.0%	59.3	59.4	0.0	0.1%	80.0%	60.4	60.0	-0.4	-0.6%	80.0%	60.3	60.2	-0.1	-0.2%
81.3% 82.5%	55.9 55.9	56.0 56.0	0.0	0.1% 0.1%	81.3% 82.5%	59.3 59.3	59.4 59.3	0.0 -0.1	0.0% -0.1%	81.3% 82.5%	60.2 60.1	60.0 59.9	-0.2 -0.2	-0.4% -0.4%	81.3% 82.5%	60.3 60.2	60.2 60.2	-0.1 -0.1	-0.2% -0.1%
83.8%	55.9	55.9	0.0	0.0%	83.8%	59.3	59.3	0.0	0.0%	83.8%	60.0	59.8	-0.1	-0.2%	83.8%	60.2	60.1	-0.1	-0.1%
85.0%	55.8	55.9	0.0	0.0%	85.0%	59.2	59.3	0.1	0.2%	85.0%	59.9	59.8	0.0	0.0%	85.0%	60.1	60.0	-0.1	-0.2%
86.3% 87.5%	55.8 55.7	55.8 55.8	0.1	0.1% 0.1%	86.3% 87.5%	59.1 59.1	59.2 59.1	0.1	0.1%	86.3% 87.5%	59.8 59.8	59.8 59.7	0.0 -0.1	0.0% -0.2%	86.3% 87.5%	60.0 60.0	60.0 59.9	0.0 -0.1	-0.1% -0.2%
88.8%	55.7 55.6	55.8 55.7	0.0	0.1%	87.5%	59.1 59.0	59.1 59.0	-0.1	-0.1%	87.5%	59.8 59.6	59.7 59.7	-0.1	-0.2%	88.8%	60.0	59.9 59.9	-0.1	-0.2%
90.0%	55.5	55.6	0.1	0.3%	90.0%	59.0	58.9	-0.1	-0.2%	90.0%	59.5	59.7	0.1	0.2%	90.0%	60.0	59.8	-0.1	-0.3%
91.3%	55.5	55.5	0.1	0.2%	91.3%	59.0	58.6	-0.3	-0.5%	91.3%	59.5	59.7	0.2	0.3%	91.3%	59.7	59.8	0.1	0.2%
92.5% 93.8%	55.4 55.2	55.4 55.4	0.0	0.1%	92.5% 93.8%	58.7 58.6	58.6 58.5	-0.2 -0.1	-0.3% -0.1%	92.5% 93.8%	59.5 59.4	59.6 59.6	0.1	0.2%	92.5% 93.8%	59.7 59.5	59.8 59.7	0.1	0.2%
95.0%	55.2 55.1	55.4 55.1	0.3	0.5%	93.8%	58.6	58.5 58.3	-0.1	-0.1%	93.8%	59.4 59.2	59.5 59.5	0.2	0.4%	93.8%	59.5 59.4	59.7 59.1	-0.3	-0.5%
96.3%	54.6	54.6	0.0	-0.1%	96.3%	57.7	57.7	0.0	0.0%	96.3%	58.9	59.4	0.5	0.8%	96.3%	59.4	59.1	-0.3	-0.5%
97.5%	54.2	54.0	-0.2	-0.3%	97.5%	57.5	57.5	0.0	0.0%	97.5%	58.8	59.0	0.2	0.3%	97.5%	59.4	59.0	-0.4	-0.6%
98.8% 100.0%	54.1 53.6	54.0 53.6	-0.1 0.0	-0.2% -0.1%	98.8% 100.0%	56.8 56.3	56.6 56.2	-0.2 0.0	-0.3% -0.1%	98.8% 100.0%	58.8 58.7	58.7 58.5	0.0 -0.2	-0.1% -0.3%	98.8% 100.0%	58.9 58.0	58.9 58.9	0.0	0.0% 1.6%
100.076	33.0	33.0	0.0	-0.170	100.076	30.3	30.2	0.0	-0.170	100.076	30.1	30.3	-0.2	-0.576	100.076	30.0	50.5	0.0	1.070

Table SQ-40-3a American River at Watt Avenue, Monthly Temperature

		Long-	term Aver	age and A	verage by	y Water Ye	ar Type					
					Mon	thly Temp	erature (D	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	61.4	56.0	50.7	47.5	48.9	52.6	56.0	58.6	61.6	64.4	65.7	64.9
Alternative C	61.0	55.7	50.4	47.5	49.0	52.9	56.3	58.8	61.8	64.5	65.4	64.8
Difference	-0.5	-0.3	-0.3	-0.1	0.1	0.3	0.3	0.1	0.3	0.1	-0.3	-0.1
Percent Difference ³	-0.8%	-0.5%	-0.6%	-0.2%	0.3%	0.5%	0.4%	0.2%	0.4%	0.2%	-0.4%	-0.2%
				Water Y	ear Types	2						
Wet (32%)												
No Action Alternative	60.1	56.1	51.4	47.8	48.6	51.4	54.4	55.8	58.6	62.6	63.7	63.1
Alternative C	59.7	56.1	51.2	47.8	48.6	51.5	54.4	55.8	58.7	62.8	63.7	63.3
Difference	-0.4	-0.1	-0.2	0.0	0.0	0.1	0.0	0.0	0.1	0.2	0.0	0.2
Percent Difference	-0.7%	-0.1%	-0.4%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	0.3%	0.0%	0.2%
Above Normal (15%)												
No Action Alternative	60.2	55.5	50.5	47.8	48.4	51.6	55.1	57.4	60.4	63.2	64.4	63.5
Alternative C	59.9	55.5	50.4	47.8	48.5	51.9	55.4	57.5	60.7	63.3	64.2	63.6
Difference	-0.4	0.0	-0.2	0.0	0.1	0.2	0.3	0.2	0.3	0.1	-0.2	0.1
Percent Difference	-0.6%	0.0%	-0.3%	-0.1%	0.2%	0.5%	0.5%	0.3%	0.5%	0.1%	-0.3%	0.1%
Below Normal (17%)												
No Action Alternative	60.8	56.2	51.1	47.3	48.3	52.6	56.1	58.3	61.3	63.5	64.9	64.1
Alternative C	60.7	56.0	50.9	47.1	48.4	52.9	56.1	58.3	61.6	63.7	64.5	63.8
Difference	-0.1	-0.1	-0.2	-0.2	0.1	0.3	0.0	0.0	0.3	0.2	-0.5	-0.3
Percent Difference	-0.1%	-0.3%	-0.4%	-0.4%	0.2%	0.6%	0.1%	0.0%	0.5%	0.3%	-0.7%	-0.5%
Dry (22%)												
No Action Alternative	62.6	55.9	50.4	47.4	49.5	53.4	57.1	60.5	63.0	64.9	66.2	65.6
Alternative C	61.8	55.5	50.2	47.3	49.6	53.7	57.6	61.0	63.7	64.7	66.1	65.6
Difference	-0.8	-0.4	-0.3	-0.1	0.2	0.3	0.4	0.5	0.7	-0.1	-0.2	0.0
Percent Difference	-1.2%	-0.7%	-0.5%	-0.2%	0.3%	0.6%	0.7%	0.9%	1.1%	-0.2%	-0.2%	0.1%
Critical (15%)												
No Action Alternative	64.6	56.0	49.0	47.2	49.9	54.9	58.9	63.7	67.2	69.7	71.4	70.0
Alternative C	63.7	55.0	48.2	47.2	50.4	55.4	59.7	63.6	67.1	69.9	70.3	69.1
Difference	-0.8	-0.9	-0.7	0.0	0.5	0.5	0.7	0.0	-0.2	0.2	-1.0	-0.9
Percent Difference	-1.3%	-1.7%	-1.5%	-0.1%	0.9%	1.0%	1.2%	-0.1%	-0.3%	0.3%	-1.4%	-1.39

3 Relative difference of the monthly average

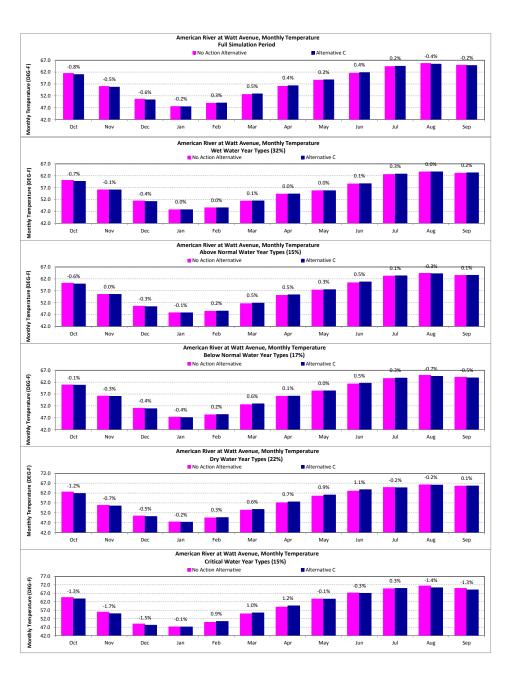


Figure SQ-40-3b

American River at Watt Avenue, Monthly Temperature
Probability of Exceedance

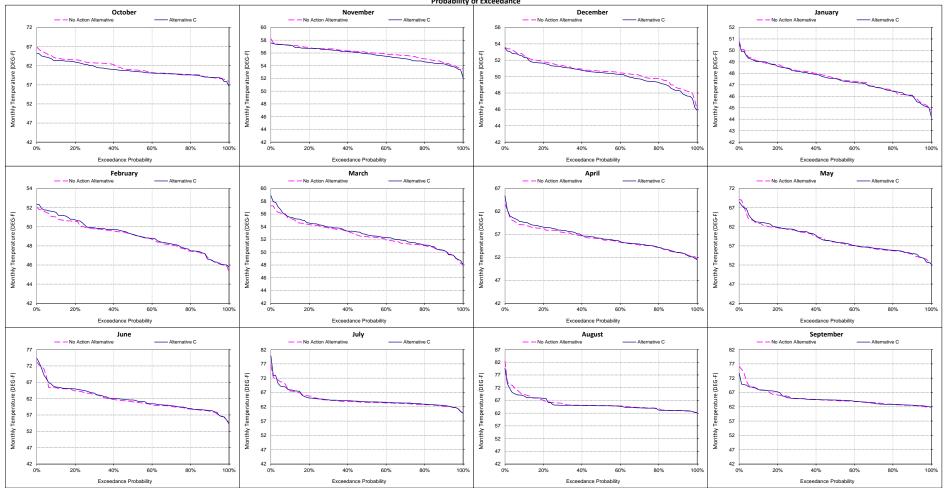


Table SQ-40-3b American River at Watt Avenue, Monthly Temperature Probability of Exceedance

December

November

October

January Percent Percent Percent Percent No Action Alternative Absolute No Action Alternative No Action Alternative Alternative C No Action Alternative Alternative C Alternative C Alternative C Absolute Absolute Absolute Exceedance Relative Exceedance Relative Exceedance Relative Exceedance Relative Difference Difference Difference Probability Monthly Temperature Difference (%) Probability Monthly Temperature Monthly Temperature Difference (%) Probability Monthly Temperature Monthly Temperature Difference (%) Probability Monthly Temperature onthly Temperature Difference (%) (DEG-F) (DEG-F) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F (%) (DEG-F) (DEG-F) (%) (DEG-F) (DEG-F) -0.6 -0.1 -2.3% 66.9 65.3 50.8 50.6 1.3% 66.2 65.1 -1.7% 1.3% 57.6 57.5 -0.1 -0.2% 1.3% 53.4 53.1 -0.5% 1.3% 49.9 -0.4% -1.1 -0.3 50.1 -0.2 2.5% 65.7 64.6 -1.2 -1.8% 2.5% 57.5 57.4 -0.1 -0.2% 2.5% 53.4 53.1 -0.3-0.6% 2.5% 50.1 49.9 -0.2 -0.3% 3.8% -1.7% 3.8% 57.4 -0.1% 3.8% 3.8% -0.2% -0.9% 49.5 5.0% 65.2 64.3 -0.9 -1.4% 5.0% 57.3 57.3 0.0 0.0% 5.0% 53.1 52.8 -0.3 -0.5% 5.0% 49.4 49.3 -0.1 -0.2% 6.3% 64.8 64.1 -0.7 -1.1% 6.3% 57.3 57.3 0.0 0.0% 6.3% 52.9 52.8 -0.1 -0.2% 6.3% 49.4 49.3 -0.1 -0.2% -1.3% 57.3 0.0% 7.5% 52.8 -0.4% 49.2 49.1 -0.2% 8.8% -0.8 -1.3% 8.8% 57.3 8.8% 8.8% 64.2 63.4 57.2 0.0 0.0% 52.8 52.5 -0.3 -0.5% 49.1 49.0 -0.1 -0.2% 10.0% 10.0% -0.1% -0.4% -0.1% 11.3% 11.3% 63.9 63.3 -0.6 -0.9% 57.2 57.2 0.0 0.0% 52.3 52.3 0.0 0.0% 49.0 49.0 0.0 -0.1% 12.5% 12.5% 12.5% 12.5% 63.8 -0.5 56.9 -0.5% 52.2 -0.3 -0.5% 49.0 -0.7%-0.30.1 0.1% 13.8% 13.8% 13.8% 63.7 63.3 -0.4 -0.7% 13.8% 57.1 56.9 -0.3 -0.5% 52.1 51.8 -0.3 -0.6% 48.9 49.0 0.1 0.2% 15.0% 63.7 63.2 -0.4 -0.7% 15.0% 57.0 56.8 -0.2 -0.3% 15.0% 52.1 51.7 -0.4 -0.7% 15.0% 48.8 48.9 0.1 0.2% 16.3% 63.6 63.2 -0.5 -0.7% 16.3% 57.0 56.8 -0.3 -0.4% 16.3% 52.0 51.7 -0.3 -0.5% 16.3% 48.8 48.8 0.0 0.0% 17.5% 63.6 63.2 -0.5 -0.7% 17.5% 56.9 56.8 -0.2 -0.3% 17.5% 52.0 51.7 -0.3 -0.6% 17.5% 48.8 48.8 0.0 -0.1% 18.8% -0.7% 18.8% -0.3% 18.8% -0.5% 18.8% -0.1% 63.5 56.7 51.9 -0.3 20.0% 63.5 63.0 -0.6 -0.9% 20.0% 56.8 56.7 -0.1 -0.2% 20.0% 51.8 51.6 -0.1 -0.3% 20.0% 48.8 48.6 -0.2 -0.3% 21.3% 21.3% 21.3% 63.5 62.8 -0.7 -1.1% 21.3% 56.8 56.7 0.0 -0.1% 51.8 51.5 -0.2 -0.4% 48.7 48.6 -0.2 -0.3% 22.5% 22.5% 22.5% 23.8% 22.5% 23.8% -0.7 -1.1% 56.7 56.7 0.0 0.0% 51.7 51.5 -0.2 -0.3% 48.6 48.5 -0.1% -0.6 63.1 62.5 -1.0% 56.7 56.7 0.0 0.0% 51.6 51.3 -0.3 -0.6% 48.5 48.5 0.0 -0.1% 25.0% 26.3% 62.8 62.3 -0.6 -0.9% 26.3% 56.7 56.6 -0.1 -0.2% 26.3% 51.5 51.3 -0.2 -0.4% 26.3% 48.4 48.4 0.0 -0.1% 27.5% 62.8 62.1 -0.7 -1.1% 27.5% 56.7 56.5 -0.1 -0.2% 27.5% 51.4 51.3 -0.1-0.3% 27.5% 48.3 48.2 -0.1 -0.2% 28.8% 62.8 62.0 -0.7 -1.1% 28.8% 56.7 56.5 -0.1 -0.2% 28.8% 51.4 51.2 -0.2 -0.3% 28.8% 48.3 48.2 -0.1 -0.2% 30.0% 62.7 61.8 -0.9 -1.5% 30.0% 56.7 56.5 -0.1 -0.2% 30.0% 51.3 -0.2-0.4% 30.0% 48.2 48.2 0.0 -0.1% 31.3% 62.7 -1.1 -1.8% 31.3% 56.5 -0.3% 31.3% 51.3 51.1 -0.2 -0.3% 31.3% 48.2 -0.1% 48.2 32.5% 62.7 61.5 -2.0% 32.5% 56.6 56.4 -0.2 -0.4% 32.5% 51.2 -0.1 -0.3% 32.5% 48.2 48.1 -0.1 -0.2% 33.8% 62.7 -1.3 -2.0% 33.8% 56.6 56.4 -0.2 -0.3% 33.8% 51.2 -0.2 -0.3% 33.8% 48.2 48.1 -0.1 -0.2% 35.0% 36.3% 35.0% 36.3% 35.0% 62.6 -2.0% 56.4 -0.1% 35.0% 51.0 0.0 0.0% 48.2 48.1 -0.1% 36.3% -1.4 -2.2% -0.2 36.3% -0.1% 62.6 61.2 56.4 56.3 -0.3% 51.0 50.9 0.0 48.1 48.0 -0.2 -0.3% 37.5% -2.2% -0.3% 37.5% 48.0 -0.3% 38.8% -1.4 38.8% -0.3% 38.8% 38.8% 47.9 62.5 61.1 -2.2% 56.4 56.2 -0.2 51.0 50.8 -0.1 -0.2% 48.0 -0.1 -0.2% -0.3% -0.2% 41.3% 41.3% 41.3% 41.3% 61.8 61.0 -0.8 -1.3% 56.3 56.2 -0.1 -0.2% 50.8 50.7 -0.1 -0.2% 48.0 47.9 -0.1 -0.1% 42.5% 61.6 60.8 -0.8 -1.3% 42.5% 56.3 56.2 -0.1 -0.2% 42.5% 50.8 50.7 -0.1 -0.2% 42.5% 47.9 47.8 -0.1 -0.3% 43.8% 61.5 60.8 -0.7 -1.1% 43.8% 56.3 56.1 -0.2 -0.3% 43.8% 50.8 50.6 -0.1 -0.3% 43.8% 47.8 47.7 -0.1 -0.3% 45.0% 61.2 60.7 -0.4 -0.7% 45.0% 56.2 56.1 -0.2 -0.3% 45.0% 50.8 50.6 -0.2 -0.4% 45.0% 47.8 47.7 -0.2 -0.4% 46.3% -0.6% 46.3% 46.3% -0.4% 46.3% 47.6 -0.3% 50.8 -0.2 47.7 -0.3% 47 5% 61.0 60.7 -0.3 -0.5% 47 5% 56.2 56.0 -0.2 -0.4% 47 5% 50.7 50.5 -n 2 -0.4% 47 5% 47.7 47.6 -O 1 -0.3% 48.8% -0.4 48.8% 48.8% 48.8% 61.0 60.6 -0.6% 56.2 55.9 -0.2 -0.4% 50.7 50.5 -0.2 -0.3% 47.6 47.5 -0.1 -0.2% 50.0% 60.9 60.6 -0.4 -0.6% 50.0% 56.0 55.9 -0.2 -0.3% 50.0% 50.7 50.5 -0.2 -0.4% 50.0% 47.6 47.5 -0.2% 51.3% -0.4 51.3% 51.3% 51.3% 47.5 47.5 0.0 60.9 60.5 -0.6% 56.0 55.8 -0.2 -0.4% 50.6 50.5 -0.2 -0.3% 0.0% 52.5% 53.8% -0.7% 52.5% -0.4% 52.5% -0.4% 52.5% 47.4 -0.1% 60.8 60.4 -0.4 -0.6% 53.8% 56.0 55.7 -0.3 -0.5% 53.8% 50.6 50.4 -0.2 -0.4% 53.8% 47.4 47.3 -0.1 -0.2% 55.0% 55.0% -0.6% 56.3% 60.7 60.2 -0.5 -0.8% 56.3% 56.0 55.6 -0.3 -0.6% 56.3% 50.6 50.4 -0.2 -0.4% 56.3% 47 4 47.3 -0.1 -0.1% 57.5% 60.5 60.1 -0.3-0.6% 57.5% 55.9 55.6 -0.4-0.6% 57.5% 50.6 50.3 -0.3-0.5% 57.5% 47.3 47.3 -0.1-0.2%58.8% -0.2% 58.8% -0.7% 58.8% -0.2 -0.4% 58.8% 47.3 47.2 -0.2% 60.0% 60.2 -0.1 -0.1% 60.0% 55.8 55.5 -0.3 -0.5% 60.0% 50.4 50.3 -0.2 -0.3% 60.0% 47.3 47.2 -0.1 -0.1% 61.3% 60.1 60.0 -0.1 -0.1% 61.3% 55.7 55.5 -0.3 -0.5% 61.3% 50.4 50.3 -0.2 -0.3% 61.3% 47.3 47.2 -0.2% 62.5% 0.0% 62.5% 55.7 55.4 -0.6% 62.5% 50.4 -0.2 -0.5% 62.5% 47.3 47.2 -0.3% 63.8% 63.8% 63.8% 63.8% 47.2 47.2 60.0 60.0 0.0 0.0% 55.7 55.3 -0.4 -0.8% 50.4 50.0 -0.3 -0.6% -0.1 -0.1% 65.0% -0.1% 65.0% -0.8% 65.0% -0.8% 65.0% 47.2 47.1 -0.2% 66.3% -0.1 66.3% 55.7 66.3% 66.3% 47.1 60.0 59.9 -0.2% 55.2 -0.4 -0.8% 50.3 49.9 -0.4 -0.8% 47.2 -0.1 -0.3% 68.8% 68.8% 60.0 59.9 -0.1 -0.1% 68.8% 55.6 55.2 -0.5 -0.8% 68.8% 50.3 49.7 -0.5 -1.0% 46.9 46.9 0.0 0.0% -0.5 -0.9% -0.4 -0.8% -0.1% 70.0% -0.1% 70.0% 70.0% 50.2 70.0% 46.9 46.8 71.3% 71.3% 59.9 59.8 0.0 -0.1% 71.3% 55.6 55.0 -0.6 -1.0% 71.3% 50.1 49.7 -0.4 -0.8% 46.8 46.8 0.0 -0.1% 72.5% 59.8 59.8 0.0 0.0% 72.5% 55.5 55.0 -0.5 -1.0% 72.5% 49.9 49.5 -0.4 -0.7% 72.5% 46.7 46.8 0.0 0.0% 73.8% -0.1 -0.2% 73.8% -1.3% 73.8% -0.8% 73.8% 46.7 0.0% 75.0% 59.8 59.7 -O 1 -0.2% 75.0% 55.5 54.8 -0.7 -1 2% 75.0% 49.8 49 4 -0.4 -0.7% 75.0% 46.7 46.7 0.0 -0.1% 76.3% 59.8 59.6 -0.1 -0.2% 76.3% 55.3 54.8 -0.5 -0.9% 76.3% 49.8 49.4 -0.4 -0.8% 76.3% 46.6 46.6 -0.1 -0.1% 77.5% 78.8% 77.5% 78.8% 59.8 59.6 -0.1 -0.2% 77.5% 55.2 54.8 -0.5 -0.8% 77.5% 49.8 49 4 -0.4 -0.8% 46.6 46.5 -0.1 -0.2% -0.1 78.8% 54.7 -0.4 78.8% -0.4 59.7 59.6 -0.2% 55.1 -0.8% 49.8 49.3 -0.9% 46.6 46.5 -0.1 -0.1% 81.3% 59.7 59.6 -0.1 -0.2% 81.3% 55.1 54.6 -0.5 -0.9% 81.3% 49.7 49.1 -0.6 -1.2% 81.3% 46.4 46.4 0.0 0.0% 82.5% -0.2% 82.5% 82.5% -0.9% 82.5% 0.4% -0.8% 83.8% 83.8% 59.6 59.5 -0.1 -0.3% 83.8% 549 54.5 -0.4 83.8% 49 5 49 0 -0.5 -1.1% 46.2 46.3 0.1 0.3% 85.0% -0.4% 85.0% -0.6 46.2 85.0% -0.7% -1.1% 85.0% 46.3 0.3% 86.3% 59.3 59.2 -0.2 -0.3% 86.3% 54.8 54.4 -0.4 -0.7% 86.3% 49.0 48.6 -0.4 -0.9% 86.3% 46.2 46.1 0.0 0.0% 87.5% 0.1% 87.5% 54.8 54.3 -0.4 -0.8% 87.5% 49.0 48.4 -0.5 -1.1% 87.5% 46.1 46.1 0.0 0.0% 88.8% 0.1% 88.8% -0.5% 88.8% -0.4 -0.8% 88.8% 0.1% 90.0% 90.0% 59.0 0.0 -0.1% 90.0% 54.5 -0.2 -0.3% 90.0% 48.6 48.3 -0.3 -0.5% 46.0 46.1 0.1 0.2% 91.3% 0.0 91.3% 54.3 54.2 -0.2 91.3% -0.3 -0.5% -0.3% 58.9 59.0 0.0% -0.3% 48.5 48.3 45.9 45.8 -0.1 -0.5% 92.5% 45.5 -0.6% 93.8% 0.1 0.2% 93.8% 54.1 53.9 -0.3% 93.8% 47.7 -1.2% 93.8% 58.7 58.9 -0.2 48.3 -0.6 45.5 45.5 -0.1 -0.2% -0.4% 95.0% 95.0% 96.3% 96.3% 96.3% 96.3% 58.6 58.7 0.1 0.1% 53.9 53.7 -0.2 -0.4% 48.1 47.6 -0.5 -1.1% 45.3 45.2 -0.2 -0.3% -0.4% 97.5% -0.3% 97.5% 97.5% 53.4 97.5% 45.2 45.1 98.8% 98.8% 58.0 57.8 -0.2 -0.3% 98.8% 53.6 53.4 -0.3 -0.5% 47.1 46.2 -0.9 -1.8% 98.8% 45.0 45.0 0.0 0.0% -2.3% -2.7% -0.1% 100.0% 58.0 100.0% 53.5 52.1 100.0% 45.9 45.9 100.0% 44.8 44.2 -1.2%

Table SQ-40-3b American River at Watt Avenue, Monthly Temperature Probability of Exceedance

		February					March					April					May		
Percent	No Action Alternative	Alternative C	Absolute	5.0	Percent	No Action Alternative	Alternative C	Absolute	5	Percent	No Action Alternative	Alternative C	Absolute		Percent	No Action Alternative	Alternative C	Absolute	5.10
Exceedance Probability	Monthly Temperature		Difference	Relative Difference (%)	Exceedance Probability	Monthly Temperature	Monthly Temperature	Difference	Relative Difference (%)	Exceedance Probability	Monthly Temperature		Difference	Relative Difference (%)	Exceedance Probability	Monthly Temperature	Monthly Temperature	Difference	Relative Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)	Dillerence (%)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Dillerence (76)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (76)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (%)
0.0%	52.1	52.3	0.3	0.5%	0.0%	57.3	58.9	1.6	2.8%	0.0%	63.6	65.4	1.8	2.9%	0.0%	69.1	68.5	-0.6	-0.9%
1.3%	51.8	52.3	0.5	1.0%	1.3%	57.3	57.9	0.7	1.2%	1.3%	62.4	62.3	-0.1	-0.1%	1.3%	69.0	67.6	-1.3	-1.9%
2.5%	51.8	51.9	0.2	0.3%	2.5%	56.6	57.8	1.2	2.2%	2.5%	60.8	61.0	0.3	0.5%	2.5%	67.2	66.9	-0.3	-0.4%
3.8%	51.6	51.8	0.2	0.3%	3.8%	56.3	57.1	0.8	1.5%	3.8%	60.0	60.8	0.7	1.2%	3.8%	65.5	66.8	1.3	2.0%
5.0%	51.5	51.8	0.2	0.5%	5.0%	56.2	56.7	0.6	1.0%	5.0%	59.9	60.5	0.6	1.0%	5.0%	63.9	65.1	1.2	1.9%
6.3% 7.5%	51.4 51.1	51.7 51.6	0.3 0.5	0.5%	6.3% 7.5%	56.1 56.0	56.1 55.9	0.0 -0.2	0.1%	6.3% 7.5%	59.4 59.2	60.2 59.8	0.9	1.4%	6.3% 7.5%	63.8 63.6	64.2 63.7	0.4	0.6%
7.5% 8.8%	51.1 51.1	51.6	0.5	1.1%	7.5% 8.8%	55.4	55.9 55.6	-0.2	-0.3%	7.5% 8.8%	59.2 59.1	59.8 59.8	0.7	1.1%	7.5% 8.8%	63.0	63.3	0.0	0.0%
10.0%	51.0	51.5	0.5	1.0%	10.0%	55.3	55.5	0.2	0.4%	10.0%	59.1	59.6	0.5	0.9%	10.0%	62.9	63.2	0.3	0.5%
11.3%	50.8	51.2	0.4	0.8%	11.3%	55.2	55.5	0.3	0.5%	11.3%	58.9	59.6	0.7	1.2%	11.3%	62.8	63.1	0.3	0.5%
12.5%	50.7	51.2	0.5	0.9%	12.5%	55.0	55.3	0.2	0.4%	12.5%	58.8	59.3	0.6	1.0%	12.5%	62.3	63.1	0.7	1.2%
13.8%	50.7	51.2	0.5	1.0%	13.8%	54.7	55.2	0.6	1.0%	13.8%	58.6	59.1	0.5	0.9%	13.8%	62.3	63.0	0.7	1.2%
15.0%	50.6	51.1	0.5	1.0%	15.0%	54.6	55.2	0.6	1.1%	15.0%	58.6	59.0	0.4	0.7%	15.0%	62.1	62.8	0.7	1.2%
16.3%	50.6	51.0	0.4	0.8%	16.3%	54.6	55.0	0.5	0.9%	16.3%	58.4	59.0	0.6	1.0%	16.3%	62.0	62.7	0.7	1.2%
17.5%	50.6	50.8	0.2	0.4%	17.5%	54.5	55.0	0.5	1.0%	17.5%	58.4	58.8	0.5	0.8%	17.5%	61.9	62.1	0.2	0.4%
18.8%	50.6	50.8	0.2	0.5%	18.8%	54.4	54.6	0.2	0.4%	18.8%	58.4	58.7	0.4	0.6%	18.8%	61.9	62.0	0.1	0.2%
20.0% 21.3%	50.6 50.5	50.7 50.6	0.2	0.3%	20.0% 21.3%	54.3 54.3	54.6 54.5	0.2	0.4%	20.0% 21.3%	58.4 57.9	58.6 58.5	0.2	0.4%	20.0%	61.8 61.6	61.8 61.8	0.1 0.2	0.1%
22.5%	50.5	50.6	0.1	1.1%	21.5%	54.3	54.5 54.5	0.2	0.4%	22.5%	57.9 57.9	58.5	0.5	1.0% 0.9%	22.5%	61.5	61.6	0.2	0.3%
23.8%	50.0	50.4	0.4	0.7%	23.8%	54.2	54.5	0.2	0.4%	23.8%	57.9	58.4	0.5	0.9%	23.8%	61.5	61.5	0.0	0.0%
25.0%	50.0	50.2	0.2	0.5%	25.0%	54.2	54.3	0.1	0.2%	25.0%	57.9	58.3	0.3	0.6%	25.0%	61.4	61.4	0.0	0.1%
26.3%	49.9	50.0	0.1	0.2%	26.3%	54.0	54.3	0.2	0.4%	26.3%	57.9	58.2	0.3	0.5%	26.3%	61.3	61.4	0.1	0.2%
27.5%	49.9	49.9	0.1	0.1%	27.5%	54.0	54.2	0.2	0.4%	27.5%	57.9	58.0	0.1	0.1%	27.5%	61.2	61.4	0.2	0.3%
28.8%	49.8	49.9	0.1	0.2%	28.8%	53.9	54.0	0.1	0.3%	28.8%	57.5	57.9	0.4	0.7%	28.8%	61.1	61.3	0.2	0.3%
30.0%	49.8	49.9	0.1	0.3%	30.0%	53.8	54.0	0.2	0.3%	30.0%	57.5	57.8	0.4	0.7%	30.0%	61.0	60.9	-0.1	-0.2%
31.3%	49.8	49.8	0.1	0.2%	31.3%	53.7	54.0	0.3	0.5%	31.3%	57.3	57.8	0.5	0.9%	31.3%	60.6	60.8	0.2	0.3%
32.5%	49.8	49.8	0.1	0.1%	32.5%	53.7	53.9	0.2	0.3%	32.5%	57.3	57.7	0.4	0.6%	32.5%	60.6	60.8	0.2	0.3%
33.8% 35.0%	49.7 49.7	49.8 49.8	0.1 0.1	0.2%	33.8% 35.0%	53.6 53.6	53.8 53.8	0.2	0.3%	33.8% 35.0%	57.3 57.0	57.6 57.6	0.3 0.5	0.5%	33.8% 35.0%	60.5 60.4	60.8 60.8	0.3	0.5%
36.3%	49.6	49.7	0.1	0.2%	36.3%	53.6	53.8	0.2	0.3%	36.3%	57.0	57.4	0.4	0.8%	36.3%	60.2	60.4	0.3	0.2%
37.5%	49.6	49.7	0.1	0.2%	37.5%	53.5	53.6	0.2	0.3%	37.5%	56.9	57.2	0.3	0.5%	37.5%	60.2	60.3	0.1	0.2%
38.8%	49.6	49.7	0.1	0.3%	38.8%	53.5	53.4	-0.1	-0.2%	38.8%	56.8	57.1	0.3	0.6%	38.8%	59.6	60.1	0.5	0.9%
40.0%	49.6	49.7	0.1	0.3%	40.0%	53.4	53.3	-0.1	-0.2%	40.0%	56.7	56.7	0.0	0.0%	40.0%	59.4	59.7	0.3	0.5%
41.3%	49.5	49.7	0.2	0.4%	41.3%	53.1	53.3	0.2	0.4%	41.3%	56.5	56.6	0.2	0.3%	41.3%	59.3	59.1	-0.2	-0.3%
42.5%	49.5	49.7	0.2	0.4%	42.5%	53.0	53.3	0.3	0.5%	42.5%	56.3	56.6	0.3	0.6%	42.5%	59.2	58.8	-0.4	-0.6%
43.8%	49.5	49.6	0.1	0.2%	43.8%	52.8	53.3	0.5	0.9%	43.8%	56.3	56.6	0.3	0.6%	43.8%	59.0	58.5	-0.5	-0.8%
45.0% 46.3%	49.5 49.4	49.5 49.5	0.1	0.1%	45.0%	52.7 52.5	53.2 53.2	0.5	0.9%	45.0%	56.2 56.2	56.5 56.4	0.3	0.5%	45.0%	58.4 58.4	58.5 58.5	0.0	0.1%
46.3% 47.5%	49.4	49.5 49.4	0.1	0.2%	46.3% 47.5%	52.5 52.5	53.2 52.9	0.6	1.1%	46.3% 47.5%	56.2 56.2	56.4 56.2	0.3	0.4%	46.3% 47.5%	58.4 58.3	58.5 58.3	0.1 -0.1	0.1% -0.1%
48.8%	49.3	49.3	0.0	0.0%	48.8%	52.5	52.9	0.4	0.7%	48.8%	56.1	56.2	0.1	0.2%	48.8%	58.0	58.2	0.1	0.3%
50.0%	49.2	49.2	0.0	0.0%	50.0%	52.5	52.7	0.3	0.5%	50.0%	56.0	56.2	0.1	0.2%	50.0%	58.0	58.0	0.0	0.0%
51.3%	49.1	49.1	0.0	0.1%	51.3%	52.4	52.6	0.3	0.5%	51.3%	55.8	56.0	0.2	0.4%	51.3%	57.8	57.9	0.0	0.1%
52.5%	49.0	49.0	0.0	0.0%	52.5%	52.4	52.6	0.2	0.4%	52.5%	55.7	56.0	0.2	0.4%	52.5%	57.8	57.8	0.1	0.2%
53.8%	49.0	49.0	0.0	0.0%	53.8%	52.4	52.6	0.2	0.4%	53.8%	55.7	55.9	0.3	0.5%	53.8%	57.6	57.8	0.2	0.3%
55.0%	48.9	48.9	0.0	-0.1%	55.0%	52.3	52.5	0.2	0.4%	55.0%	55.7	55.9	0.3	0.4%	55.0%	57.5	57.7	0.2	0.3%
56.3%	48.9	48.8	-0.1	-0.1%	56.3%	52.3	52.5	0.2	0.4%	56.3%	55.6	55.8	0.1	0.2%	56.3%	57.3	57.6	0.3	0.6%
57.5%	48.8 48.8	48.8 48.8	0.0	0.0%	57.5%	52.2	52.4	0.2	0.3%	57.5%	55.5	55.7	0.2	0.3%	57.5%	57.2	57.5	0.3	0.5%
58.8% 60.0%	46.6	46.6	0.0	0.0%	58.8% 60.0%	52.2 51.9	52.3 52.3	0.2	0.3%	58.8% 60.0%	55.3 55.3	55.7 55.4	0.3	0.6%	58.8% 60.0%	57.1 57.0	57.2 57.1	0.1	0.2%
61.3%	48.6	48.8	0.1	0.4%	61.3%	51.9	52.3	0.4	0.7%	61.3%	55.2	55.2	0.0	0.1%	61.3%	56.9	57.0	0.0	0.1%
62.5%	48.4	48.6	0.2	0.4%	62.5%	51.8	52.2	0.4	0.8%	62.5%	55.2	55.2	0.0	0.0%	62.5%	56.8	56.9	0.1	0.2%
63.8%	48.4	48.5	0.1	0.1%	63.8%	51.8	52.1	0.3	0.6%	63.8%	55.0	55.1	0.1	0.2%	63.8%	56.8	56.8	0.0	0.0%
65.0%	48.4	48.4	0.0	0.0%	65.0%	51.7	52.0	0.3	0.6%	65.0%	55.0	55.1	0.1	0.2%	65.0%	56.7	56.7	0.0	-0.1%
66.3%	48.2	48.4	0.2	0.4%	66.3%	51.7	52.0	0.3	0.7%	66.3%	54.9	55.0	0.1	0.1%	66.3%	56.6	56.7	0.0	0.1%
67.5%	48.2	48.3	0.1	0.2%	67.5%	51.4	51.9	0.5	1.0%	67.5%	54.9	55.0	0.1	0.2%	67.5%	56.6	56.7	0.1	0.2%
68.8% 70.0%	48.2 48.1	48.3 48.2	0.1	0.2%	68.8% 70.0%	51.4 51.4	51.9 51.8	0.5	0.9%	68.8% 70.0%	54.8 54.7	54.9 54.9	0.2	0.3%	68.8% 70.0%	56.3 56.3	56.5 56.4	0.2	0.4%
70.0%	48.1 48.0	48.2 48.1	0.1	0.2%	70.0%	51.4 51.3	51.8 51.6	0.5	0.9%	70.0%	54.7 54.6	54.9 54.8	0.2	0.4%	70.0%	56.2	56.4	0.1	0.2%
72.5%	48.0	48.1	0.1	0.2%	72.5%	51.3	51.6	0.3	0.6%	72.5%	54.6	54.8	0.2	0.3%	72.5%	56.1	56.4	0.2	0.5%
73.8%	47.9	48.0	0.1	0.3%	73.8%	51.3	51.5	0.3	0.5%	73.8%	54.6	54.7	0.1	0.1%	73.8%	56.0	56.2	0.3	0.3%
75.0%	47.8	47.9	0.1	0.2%	75.0%	51.2	51.5	0.3	0.5%	75.0%	54.6	54.6	0.0	0.0%	75.0%	56.0	56.2	0.2	0.3%
76.3%	47.7	47.8	0.1	0.1%	76.3%	51.2	51.3	0.1	0.2%	76.3%	54.6	54.5	-0.1	-0.1%	76.3%	55.9	56.1	0.2	0.3%
77.5%	47.6	47.7	0.1	0.2%	77.5%	51.2	51.3	0.2	0.4%	77.5%	54.4	54.5	0.0	0.0%	77.5%	55.8	55.9	0.1	0.2%
78.8%	47.5	47.7	0.2	0.4%	78.8%	51.1	51.2	0.1	0.3%	78.8%	54.2	54.4	0.2	0.3%	78.8%	55.8	55.9	0.2	0.3%
80.0%	47.5	47.5	0.0	0.0%	80.0%	51.0	51.1	0.1	0.2%	80.0%	54.1	54.1	0.0	0.0%	80.0%	55.8	55.9	0.1	0.2%
81.3%	47.4	47.5	0.1	0.1%	81.3%	50.9	51.1	0.2	0.3%	81.3%	54.0	54.1	0.1	0.1%	81.3%	55.7	55.8	0.2	0.3%
82.5% 83.8%	47.4 47.4	47.5 47.4	0.1 0.1	0.2%	82.5% 83.8%	50.9 50.8	51.1 50.9	0.2	0.3% 0.1%	82.5% 83.8%	53.8 53.7	53.8 53.7	-0.1 0.0	-0.1% 0.0%	82.5% 83.8%	55.6 55.6	55.8 55.7	0.1 0.1	0.2% 0.1%
85.0%	47.4	47.4	0.1	0.1%	85.0%	50.8	50.9	0.0	0.1%	85.0%	53.5	53.7	0.0	0.0%	85.0%	55.5	55.6	0.1	0.1%
86.3%	47.2	47.3	0.1	0.1%	86.3%	50.5	50.5	-0.1	-0.1%	86.3%	53.3	53.5	0.2	0.3%	86.3%	55.2	55.3	0.1	0.2%
87.5%	47.2	47.2	0.0	0.1%	87.5%	50.4	50.5	0.1	0.2%	87.5%	53.2	53.4	0.2	0.3%	87.5%	55.2	55.3	0.1	0.2%
88.8%	46.8	46.6	-0.2	-0.4%	88.8%	50.4	50.4	0.0	0.0%	88.8%	53.1	53.1	0.0	0.1%	88.8%	54.9	55.2	0.2	0.4%
90.0%	46.6	46.6	0.0	-0.1%	90.0%	50.3	50.3	0.0	0.0%	90.0%	53.1	53.1	0.0	0.0%	90.0%	54.9	55.0	0.1	0.1%
91.3%	46.5	46.5	0.0	0.0%	91.3%	50.2	50.1	-0.1	-0.2%	91.3%	53.0	53.0	0.0	0.1%	91.3%	54.4	54.9	0.5	1.0%
92.5%	46.3	46.3	0.0	0.0%	92.5%	49.7	49.6	-0.1	-0.2%	92.5%	52.8	52.9	0.1	0.2%	92.5%	54.2	54.8	0.6	1.1%
93.8%	46.3	46.3	0.0	0.0%	93.8%	49.7	49.6	-0.1	-0.2%	93.8%	52.6	52.7	0.2	0.3%	93.8%	54.0	54.1	0.1	0.2%
95.0%	46.2	46.1	-0.1	-0.2%	95.0%	49.5	49.5	0.0	0.1%	95.0%	52.5	52.4	-0.1	-0.3%	95.0%	53.9	54.0	0.0	0.1%
96.3% 97.5%	46.0 46.0	46.1 46.0	0.0	0.1%	96.3% 97.5%	49.1 48.7	49.0 48.9	-0.1 0.2	-0.1% 0.3%	96.3% 97.5%	52.3 52.2	52.2 52.1	-0.1 -0.1	-0.3% -0.2%	96.3% 97.5%	53.7 53.5	53.7 52.7	0.0 -0.8	-0.1% -1.4%
98.8%	46.0 45.9	46.0 46.0	0.1	0.2%	97.5%	48.7	48.9 48.7	0.2	0.3%	97.5%	52.2 52.2	52.1 51.8	-0.1	-0.2%	97.5%	53.5 52.7	52.7 52.7	-0.8	-1.4%
100.0%	45.3	45.8	0.1	1.1%	100.0%	48.1	48.1	0.4	0.0%	100.0%	51.5	51.5	0.0	-0.1%	100.0%	52.7	52.7	-0.1	-0.4%
						-													

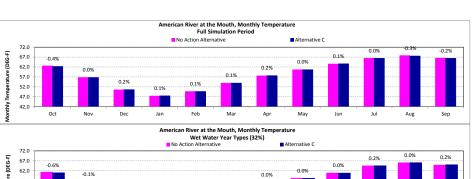
Table SQ-40-3b American River at Watt Avenue, Monthly Temperature Probability of Exceedance

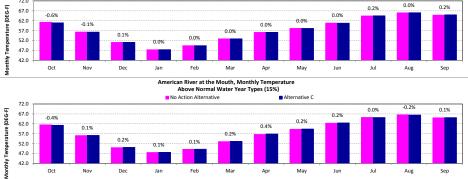
									Probabilit	y of Exceedance									
Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative
Probability	Monthly Temperature		Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature		Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)		4.50/	(%)	(DEG-F)	(DEG-F)	, ,	1.00/	(%)	(DEG-F)	(DEG-F)	. ,	0.40/	(%)	(DEG-F)	(DEG-F)	. ,	0.00/
0.0% 1.3%	73.2 72.3	74.3 73.0	1.1 0.7	1.5% 1.0%	0.0% 1.3%	76.6 72.3	79.8 73.0	3.3 0.7	4.3% 1.0%	0.0% 1.3%	82.4 74.2	79.6 73.7	-2.8 -0.5	-3.4% -0.7%	0.0% 1.3%	76.1 75.1	73.7 69.9	-2.4 -5.2	-3.2% -6.9%
2.5%	71.8	71.2	-0.6	-0.8%	2.5%	71.6	72.9	1.3	1.9%	2.5%	73.1	71.7	-1.4	-1.9%	2.5%	73.8	69.7	-4.1	-5.5%
3.8%	71.1	69.2	-2.0	-2.8%	3.8%	71.4	70.1	-1.3	-1.8%	3.8%	73.0	70.1	-2.9	-3.9%	3.8%	71.0	69.6	-1.5	-2.1%
5.0%	68.8	68.1	-0.8	-1.1%	5.0%	70.7	69.3	-1.5	-2.1%	5.0%	71.8	69.6	-2.2	-3.1%	5.0%	69.5	69.0	-0.5	-0.7%
6.3% 7.5%	65.4 65.4	66.9 66.4	1.5 1.1	2.3%	6.3% 7.5%	70.7 69.9	69.0 68.9	-1.6 -0.9	-2.3% -1.3%	6.3% 7.5%	71.2 70.3	69.2 69.1	-2.0 -1.2	-2.8% -1.7%	6.3% 7.5%	68.9 68.7	68.9 68.9	0.0 0.2	0.0%
8.8%	65.3	65.8	0.4	0.7%	8.8%	68.3	68.1	-0.2	-0.4%	8.8%	69.4	69.1	-0.4	-0.5%	8.8%	68.5	68.5	0.0	0.0%
10.0%	65.3	65.5	0.2	0.3%	10.0%	67.5	67.9	0.4	0.6%	10.0%	69.4	68.7	-0.7	-1.0%	10.0%	68.3	68.0	-0.3	-0.5%
11.3%	65.1	65.5	0.4	0.6%	11.3%	67.4	67.9	0.4	0.6%	11.3%	69.0	68.1	-0.9	-1.4%	11.3%	68.0	67.8	-0.1	-0.2%
12.5% 13.8%	65.1 65.0	65.3 65.1	0.3	0.4%	12.5% 13.8%	67.3 67.2	67.6 67.5	0.3	0.4%	12.5% 13.8%	68.8 68.1	68.1 68.1	-0.7 0.0	-1.0% -0.1%	12.5% 13.8%	67.8 67.8	67.8 67.8	0.0	0.0%
15.0%	65.0	65.1	0.1	0.1%	15.0%	66.9	67.4	0.5	0.8%	15.0%	68.0	68.0	0.0	0.0%	15.0%	67.5	67.6	0.1	0.1%
16.3%	65.0	65.1	0.1	0.2%	16.3%	66.3	66.0	-0.4	-0.5%	16.3%	68.0	68.0	0.0	0.0%	16.3%	66.8	67.6	0.8	1.2%
17.5%	64.9	65.1	0.1	0.2%	17.5%	66.2	65.6	-0.6	-0.9%	17.5%	67.9	68.0	0.0	0.1%	17.5%	66.4	67.6	1.2	1.8%
18.8% 20.0%	64.6 64.4	65.0 65.0	0.4	0.7% 1.0%	18.8% 20.0%	65.9 65.7	65.3 65.1	-0.6 -0.7	-1.0% -1.0%	18.8% 20.0%	67.4 67.0	67.9 67.8	0.6	0.8%	18.8% 20.0%	66.4 66.1	67.3 67.3	0.9	1.4%
21.3%	64.3	64.8	0.5	0.8%	21.3%	65.7	65.0	-0.7	-1.0%	21.3%	66.6	67.8	1.2	1.7%	21.3%	66.0	66.9	0.9	1.3%
22.5%	64.2	64.7	0.5	0.7%	22.5%	65.1	64.9	-0.3	-0.4%	22.5%	66.5	66.1	-0.4	-0.6%	22.5%	66.0	65.8	-0.2	-0.4%
23.8%	64.1	64.6	0.5	0.8%	23.8%	65.1	64.8	-0.2	-0.4%	23.8%	66.2	66.1	-0.2	-0.2%	23.8%	65.8	65.7	-0.2	-0.2%
25.0% 26.3%	63.7 63.7	64.4 64.3	0.7	1.2% 0.9%	25.0% 26.3%	64.7 64.5	64.8 64.7	0.1 0.2	0.2%	25.0% 26.3%	66.2 66.0	65.3 65.2	-0.9 -0.8	-1.3% -1.3%	25.0% 26.3%	65.7 65.4	65.1 65.1	-0.6 -0.4	-0.9% -0.6%
27.5%	63.6	64.0	0.4	0.5%	27.5%	64.4	64.7	0.2	0.4%	27.5%	66.0	65.1	-0.9	-1.3%	27.5%	65.0	64.9	-0.4	-0.1%
28.8%	63.5	63.8	0.3	0.6%	28.8%	64.4	64.5	0.1	0.1%	28.8%	66.0	65.1	-0.8	-1.3%	28.8%	64.9	64.9	0.0	0.0%
30.0%	63.3	63.7	0.4	0.6%	30.0%	64.3	64.4	0.1	0.2%	30.0%	65.8	65.1	-0.7	-1.1%	30.0%	64.9	64.8	-0.1	-0.1%
31.3% 32.5%	63.2 63.1	63.1 63.0	-0.1 0.0	-0.2% 0.0%	31.3% 32.5%	64.2 64.2	64.3 64.3	0.1	0.1%	31.3% 32.5%	65.5 65.2	65.1 65.1	-0.4 -0.1	-0.5% -0.2%	31.3% 32.5%	64.8 64.8	64.8 64.8	0.0	-0.1% 0.0%
33.8%	62.4	63.0	0.6	0.9%	33.8%	64.2	64.3	0.1	0.1%	33.8%	65.2	65.1	-0.1	-0.2%	33.8%	64.8	64.8	0.0	0.0%
35.0%	62.3	62.6	0.3	0.5%	35.0%	64.0	64.3	0.3	0.5%	35.0%	65.2	65.1	-0.1	-0.1%	35.0%	64.7	64.7	0.0	0.0%
36.3%	62.2	62.5	0.4	0.6%	36.3%	64.0	64.3	0.3	0.5%	36.3%	65.1	65.1	-0.1	-0.1%	36.3%	64.7	64.6	-0.1	-0.1%
37.5% 38.8%	61.9 61.8	62.2 62.1	0.2	0.4%	37.5% 38.8%	63.9 63.9	64.2 64.2	0.4 0.4	0.5%	37.5% 38.8%	65.1 65.1	65.1 65.1	-0.1 -0.1	-0.1% -0.1%	37.5% 38.8%	64.6 64.6	64.6 64.5	-0.1 -0.1	-0.1% -0.1%
40.0%	61.7	62.0	0.3	0.5%	40.0%	63.8	64.2	0.4	0.5%	40.0%	65.1	65.0	-0.1	-0.1%	40.0%	64.6	64.5	-0.1	-0.1%
41.3%	61.6	62.0	0.4	0.6%	41.3%	63.8	64.1	0.3	0.4%	41.3%	65.1	65.0	0.0	-0.1%	41.3%	64.5	64.5	0.0	0.0%
42.5%	61.5	62.0	0.5	0.7%	42.5%	63.8	64.0	0.2	0.4%	42.5%	65.1	65.0	-0.1	-0.1%	42.5%	64.4	64.5	0.1	0.1%
43.8% 45.0%	61.5 61.4	61.8 61.8	0.4	0.7%	43.8% 45.0%	63.8 63.8	64.0 64.0	0.2	0.3%	43.8% 45.0%	65.0 65.0	65.0 65.0	0.0	-0.1% -0.1%	43.8% 45.0%	64.4 64.4	64.4 64.4	0.1	0.1%
45.0%	61.3	61.7	0.5	0.6%	46.3%	63.7	63.9	0.2	0.4%	46.3%	65.0	64.9	0.0	0.0%	46.3%	64.3	64.4	0.1	0.1%
47.5%	61.3	61.7	0.4	0.6%	47.5%	63.6	63.8	0.2	0.3%	47.5%	65.0	64.9	-0.1	-0.1%	47.5%	64.3	64.4	0.1	0.2%
48.8%	61.1	61.6	0.5	0.8%	48.8%	63.6	63.8	0.2	0.3%	48.8%	64.9	64.9	0.0	0.0%	48.8%	64.3	64.4	0.1	0.2%
50.0% 51.3%	61.0 60.9	61.6 61.5	0.5 0.6	0.9% 1.0%	50.0% 51.3%	63.5 63.5	63.8 63.7	0.2 0.2	0.3%	50.0% 51.3%	64.9 64.9	64.9 64.9	0.0	-0.1% -0.1%	50.0% 51.3%	64.2 64.1	64.4 64.3	0.2	0.2%
52.5%	60.8	61.2	0.4	0.6%	52.5%	63.5	63.7	0.2	0.3%	52.5%	64.9	64.9	-0.1	-0.1%	52.5%	64.1	64.3	0.3	0.4%
53.8%	60.8	61.1	0.4	0.6%	53.8%	63.5	63.7	0.2	0.3%	53.8%	64.9	64.9	-0.1	-0.1%	53.8%	64.0	64.3	0.2	0.4%
55.0%	60.7	61.1	0.5	0.8%	55.0%	63.5	63.7	0.2	0.3%	55.0%	64.9	64.9	0.0	0.0%	55.0%	64.0	64.3	0.2	0.4%
56.3% 57.5%	60.5 60.4	61.0	0.6	1.0%	56.3% 57.5%	63.5 63.5	63.7 63.6	0.2	0.3%	56.3% 57.5%	64.9 64.8	64.9 64.8	0.0	0.0%	56.3% 57.5%	64.0 64.0	64.2 64.2	0.2	0.3%
58.8%	60.3	60.4	0.1	0.2%	58.8%	63.4	63.6	0.1	0.2%	58.8%	64.8	64.8	0.0	-0.1%	58.8%	64.0	64.1	0.2	0.2%
60.0%	60.0	60.4	0.4	0.7%	60.0%	63.3	63.6	0.3	0.4%	60.0%	64.8	64.7	-0.2	-0.2%	60.0%	63.9	63.9	0.0	0.0%
61.3%	59.9	60.4	0.4	0.7%	61.3%	63.3	63.5	0.2	0.4%	61.3%	64.8	64.6	-0.3	-0.4%	61.3%	63.9	63.8	0.0	-0.1%
62.5% 63.8%	59.9 59.8	60.2 60.1	0.3	0.6%	62.5% 63.8%	63.3 63.3	63.5 63.4	0.2 0.2	0.3%	62.5% 63.8%	64.7 64.6	64.3 64.3	-0.4 -0.3	-0.7% -0.4%	62.5% 63.8%	63.8 63.7	63.8 63.7	0.0	0.0%
65.0%	59.8	60.1	0.3	0.5%	65.0%	63.3	63.4	0.1	0.2%	65.0%	64.5	64.3	-0.2	-0.3%	65.0%	63.7	63.6	-0.1	-0.1%
66.3%	59.8	60.0	0.2	0.3%	66.3%	63.2	63.4	0.2	0.3%	66.3%	64.5	64.2	-0.3	-0.4%	66.3%	63.7	63.5	-0.2	-0.3%
67.5%	59.8	60.0	0.2	0.3%	67.5%	63.2	63.4	0.2	0.3%	67.5%	64.3	64.2	-0.2	-0.2%	67.5%	63.6	63.5	-0.1	-0.2%
68.8% 70.0%	59.8 59.6	60.0 59.8	0.2	0.3%	68.8% 70.0%	63.2 63.2	63.3 63.3	0.2	0.2%	68.8% 70.0%	64.2 64.2	64.1 64.1	-0.2 -0.1	-0.2% -0.2%	68.8% 70.0%	63.6 63.5	63.3 63.3	-0.3 -0.3	-0.4% -0.4%
71.3%	59.5	59.8	0.3	0.5%	71.3%	63.1	63.3	0.2	0.3%	71.3%	64.2	64.1	-0.1	-0.2%	71.3%	63.5	63.0	-0.4	-0.7%
72.5%	59.4	59.6	0.2	0.3%	72.5%	63.0	63.3	0.3	0.5%	72.5%	64.2	64.0	-0.1	-0.2%	72.5%	63.3	63.0	-0.3	-0.5%
73.8%	59.4	59.5	0.0	0.1%	73.8%	63.0	63.2	0.2	0.4%	73.8%	64.0	64.0	0.0	0.0%	73.8%	63.2	62.9	-0.3	-0.5%
75.0% 76.3%	59.3 59.2	59.4 59.4	0.1	0.1%	75.0% 76.3%	63.0 62.8	63.2 63.2	0.2	0.4%	75.0% 76.3%	64.0 64.0	64.0 64.0	0.0	0.0%	75.0% 76.3%	63.1 63.0	62.9 62.9	-0.2 -0.1	-0.3% -0.1%
77.5%	59.0	59.2	0.2	0.3%	77.5%	62.8	63.2	0.3	0.6%	77.5%	64.0	64.0	0.0	-0.1%	77.5%	62.9	62.9	-0.1	-0.1%
78.8%	58.9	59.0	0.1	0.2%	78.8%	62.8	62.9	0.2	0.3%	78.8%	63.9	63.8	-0.2	-0.3%	78.8%	62.9	62.8	-0.1	-0.1%
80.0%	58.8	59.0	0.2	0.3%	80.0%	62.7	62.9	0.2	0.3%	80.0%	63.9	63.2	-0.7	-1.1%	80.0%	62.9	62.8	-0.1	-0.1%
81.3% 82.5%	58.7 58.7	58.8 58.7	0.1	0.1%	81.3% 82.5%	62.7 62.7	62.9 62.7	0.2	0.3%	81.3% 82.5%	63.3 63.2	63.1 63.1	-0.2 -0.2	-0.2% -0.3%	81.3% 82.5%	62.7 62.7	62.8 62.8	0.1 0.1	0.1%
83.8%	58.6	58.7	0.1	0.2%	83.8%	62.6	62.7	0.1	0.2%	83.8%	63.2	63.1	-0.1	-0.2%	83.8%	62.7	62.8	0.1	0.2%
85.0%	58.5	58.6	0.2	0.3%	85.0%	62.6	62.7	0.2	0.2%	85.0%	63.1	63.0	0.0	-0.1%	85.0%	62.6	62.7	0.1	0.1%
86.3%	58.4	58.6	0.2	0.3%	86.3%	62.5	62.7	0.2	0.3%	86.3%	63.1	63.0	0.0	-0.1%	86.3%	62.6	62.6	0.0	0.0%
87.5% 88.8%	58.4 58.3	58.5 58.4	0.1	0.2%	87.5% 88.8%	62.5 62.3	62.6 62.5	0.1	0.2%	87.5% 88.8%	63.0 63.0	63.0 63.0	0.0	0.0%	87.5% 88.8%	62.6 62.6	62.6 62.6	0.0	0.0%
90.0%	58.1	58.3	0.1	0.4%	90.0%	62.2	62.5	0.4	0.6%	90.0%	63.0	63.0	0.0	0.0%	90.0%	62.5	62.6	0.0	0.0%
91.3%	57.9	58.3	0.4	0.7%	91.3%	62.0	62.4	0.3	0.5%	91.3%	63.0	63.0	0.0	0.0%	91.3%	62.5	62.5	0.0	0.0%
92.5%	57.9	58.0	0.1	0.1%	92.5%	62.0	62.2	0.2	0.3%	92.5%	63.0	63.0	0.0	0.0%	92.5%	62.3	62.4	0.1	0.1%
93.8% 95.0%	57.4 56.8	57.8 56.8	0.5 -0.1	0.8% -0.1%	93.8% 95.0%	62.0 61.8	62.0 61.8	0.0	0.0%	93.8% 95.0%	63.0 63.0	62.9 62.8	0.0 -0.1	-0.1% -0.2%	93.8% 95.0%	62.3 62.0	62.4 62.4	0.1	0.2%
96.3%	56.6	56.5	0.0	-0.1%	96.3%	61.7	61.8	0.0	0.1%	96.3%	62.8	62.8	0.0	0.0%	96.3%	62.0	62.3	0.3	0.4%
97.5%	56.4	56.4	0.0	0.1%	97.5%	61.3	61.2	-0.1	-0.2%	97.5%	62.6	62.6	0.0	0.1%	97.5%	61.9	62.1	0.2	0.3%
98.8%	55.5	55.4	0.0	0.0%	98.8%	60.3	60.3	0.0	0.0%	98.8%	62.3	62.3	-0.1	-0.1%	98.8%	61.9	62.0	0.1	0.2%
100.0%	54.6	54.3	-0.3	-0.6%	100.0%	59.8	59.7	-0.1	-0.1%	100.0%	62.1	62.2	0.1	0.1%	100.0%	61.8	61.9	0.1	0.1%

Table SQ-41-3a American River at the Mouth, Monthly Temperature

		Long-	term Aver	age and A	verage b	/ Water Ye	ear Type					
					Mon	thly Temp	erature (D	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	62.5	56.7	50.5	47.4	49.6	53.8	57.5	60.6	63.5	66.4	67.8	66.5
Alternative C	62.3	56.7	50.6	47.4	49.7	53.9	57.7	60.7	63.6	66.4	67.6	66.4
Difference	-0.3	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.1	0.0	-0.2	-0.1
Percent Difference ³	-0.4%	0.0%	0.2%	0.1%	0.1%	0.1%	0.2%	0.0%	0.1%	0.0%	-0.3%	-0.29
				Water Y	ear Types	2						
Wet (32%)												
No Action Alternative	61.3	56.3	51.1	47.4	49.5	52.9	56.1	58.2	60.8	64.4	66.1	64.9
Alternative C	60.9	56.3	51.1	47.4	49.5	52.9	56.2	58.1	60.8	64.5	66.1	65.0
Difference	-0.3	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
Percent Difference	-0.6%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.29
Above Normal (15%)												
No Action Alternative	61.5	56.1	50.0	47.6	49.2	53.0	56.7	59.3	62.4	65.2	66.6	65.1
Alternative C	61.3	56.2	50.1	47.6	49.2	53.2	56.9	59.4	62.5	65.2	66.4	65.2
Difference	-0.3	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.0	-0.1	0.1
Percent Difference	-0.4%	0.1%	0.2%	0.1%	0.1%	0.2%	0.4%	0.2%	0.2%	0.0%	-0.2%	0.1%
Below Normal (17%)												
No Action Alternative	62.1	56.8	50.7	47.2	49.0	53.8	57.5	60.2	63.2	65.6	66.9	65.5
Alternative C	61.9	56.8	50.7	47.2	49.0	53.9	57.5	60.2	63.3	65.6	66.6	65.3
Difference	-0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.0	-0.3	-0.2
Percent Difference	-0.2%	0.0%	0.1%	0.0%	0.0%	0.2%	0.0%	0.0%	0.1%	0.1%	-0.5%	-0.39
Dry (22%)												
No Action Alternative	63.5	57.0	50.5	47.4	50.1	54.4	58.4	62.2	64.9	66.9	68.2	67.2
Alternative C	63.1	57.0	50.6	47.5	50.1	54.5	58.6	62.6	65.3	66.6	68.1	67.1
Difference	-0.5	0.0	0.1	0.1	0.0	0.1	0.2	0.4	0.5	-0.2	0.0	-0.1
Percent Difference	-0.7%	-0.1%	0.2%	0.2%	0.0%	0.2%	0.4%	0.6%	0.7%	-0.4%	-0.1%	-0.29
Critical (15%)												
No Action Alternative	65.3	57.4	49.3	47.2	50.5	55.9	60.2	65.6	69.0	71.9	73.2	71.4
Alternative C	65.2	57.5	49.5	47.4	50.7	55.9	60.4	65.1	68.5	71.9	72.1	70.6
Difference	0.0	0.1	0.2	0.2	0.1	0.1	0.2	-0.5	-0.6	-0.1	-1.1	-0.7
Percent Difference	-0.1%	0.2%	0.4%	0.4%	0.3%	0.1%	0.4%	-0.8%	-0.8%	-0.1%	-1.5%	-1.09

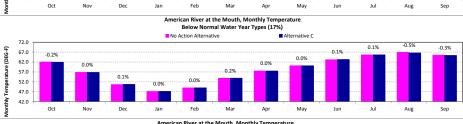
3 Relative difference of the monthly average



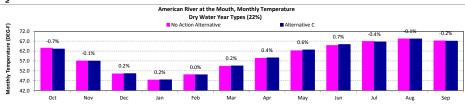


57.0

52.0 47.0 42.0



.....0.1%.....



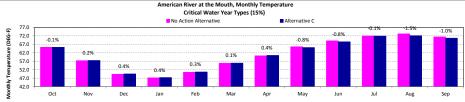


Figure SQ-41-3b

American River at the Mouth, Monthly Temperature

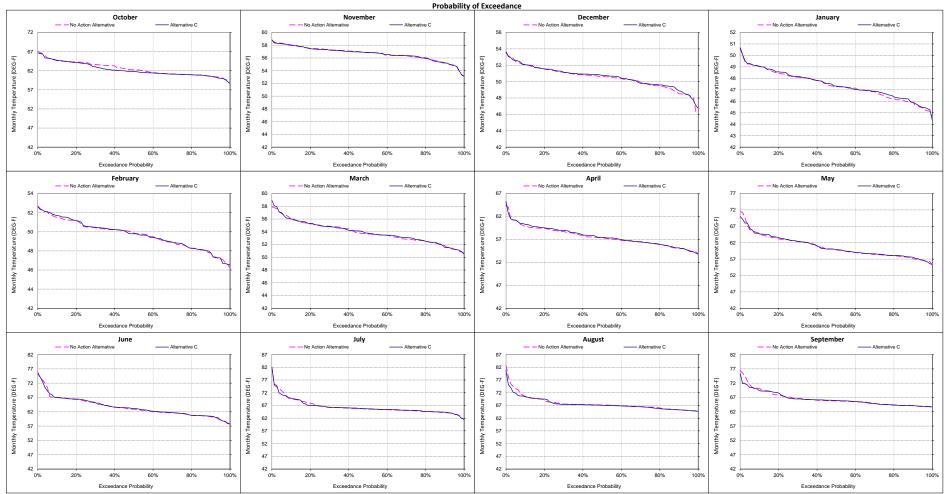


Table SQ-41-3b American River at the Mouth, Monthly Temperature Probability of Exceedance

									Probabilit	y of Exceedance									
Percent		October			Percent		November			Percent		December			Percent		January		
Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative	Exceedance	No Action Alternative	Alternative C	Absolute	Relative
Probability	Monthly Temperature		Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature		Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)
0.0%	(DEG-F) 67.1	(DEG-F) 66.7	-0.4	-0.6%	0.0%	(DEG-F) 58.8	(DEG-F) 58.8	0.0	0.1%	(%) 0.0%	(DEG-F) 53.5	(DEG-F) 53.7	0.2	0.3%	0.0%	(DEG-F) 50.6	(DEG-F) 50.7	0.0	0.1%
1.3%	66.7	66.5	-0.4	-0.4%	1.3%	58.5	58.4	-0.1	-0.2%	1.3%	53.2	53.1	-0.1	-0.2%	1.3%	50.0	50.1	0.0	0.1%
2.5%	66.4	66.4	0.0	0.0%	2.5%	58.4	58.3	-0.1	-0.1%	2.5%	53.0	52.9	-0.1	-0.2%	2.5%	49.5	49.5	0.1	0.2%
3.8% 5.0%	65.9 65.4	65.3 65.3	-0.6 -0.1	-0.9% -0.1%	3.8% 5.0%	58.3 58.3	58.3 58.2	-0.1 -0.1	-0.2% -0.2%	3.8% 5.0%	52.9 52.4	52.6 52.6	-0.2 0.2	-0.4% 0.3%	3.8% 5.0%	49.3 49.2	49.3 49.3	0.0	0.1%
6.3%	65.2	65.2	0.1	0.1%	6.3%	58.2	58.2	0.0	-0.1%	6.3%	52.4	52.5	0.2	0.2%	6.3%	49.2	49.2	0.0	-0.1%
7.5%	65.1	65.0	0.0	-0.1%	7.5%	58.0	58.2	0.1	0.2%	7.5%	52.2	52.4	0.2	0.3%	7.5%	49.1	49.1	0.0	0.0%
8.8%	64.8	65.0	0.2	0.3%	8.8%	58.0	58.1	0.1	0.2%	8.8%	52.1	52.1	-0.1	-0.1%	8.8%	49.1	49.1	0.0	0.0%
10.0% 11.3%	64.8 64.7	64.6 64.6	-0.1 -0.1	-0.2% -0.1%	10.0% 11.3%	58.0 57.9	58.0 58.0	0.1	0.1% 0.1%	10.0% 11.3%	52.1 52.0	52.1 52.0	-0.1 0.0	-0.1% -0.1%	10.0% 11.3%	49.0 49.0	49.0 49.0	0.0	0.0%
12.5%	64.7	64.5	-0.1	-0.2%	12.5%	57.9	58.0	0.1	0.2%	12.5%	51.9	52.0	0.1	0.2%	12.5%	49.0	49.0	0.0	0.0%
13.8%	64.5	64.4	-0.1	-0.1%	13.8%	57.9	57.8	0.0	0.0%	13.8%	51.8	52.0	0.1	0.3%	13.8%	48.8	48.8	0.0	0.0%
15.0% 16.3%	64.4 64.4	64.4 64.3	0.0 -0.1	-0.1% -0.2%	15.0% 16.3%	57.8 57.7	57.8 57.8	0.0	0.0%	15.0% 16.3%	51.8 51.7	51.7 51.7	-0.1 0.0	-0.1% 0.0%	15.0% 16.3%	48.7 48.7	48.8 48.8	0.1	0.2%
17.5%	64.3	64.2	-0.1	-0.1%	17.5%	57.6	57.6	0.0	0.0%	17.5%	51.7	51.6	0.0	-0.1%	17.5%	48.5	48.7	0.1	0.2%
18.8%	64.3	64.2	-0.1	-0.2%	18.8%	57.5	57.6	0.1	0.1%	18.8%	51.5	51.6	0.0	0.1%	18.8%	48.5	48.6	0.1	0.1%
20.0%	64.3 64.3	64.1 64.1	-0.2	-0.4%	20.0%	57.5 57.5	57.5 57.4	0.0 -0.1	0.0%	20.0% 21.3%	51.5 51.5	51.5 51.5	0.0	0.0%	20.0%	48.5 48.4	48.6 48.5	0.1 0.2	0.2%
21.3% 22.5%	64.2	64.0	-0.2 -0.2	-0.3% -0.4%	21.3% 22.5%	57.5 57.5	57.4	-0.1	-0.1%	22.5%	51.5	51.5	0.0	0.1%	21.3% 22.5%	48.4	48.5	0.2	0.3%
23.8%	64.2	63.9	-0.3	-0.5%	23.8%	57.5	57.3	-0.1	-0.2%	23.8%	51.4	51.5	0.1	0.2%	23.8%	48.3	48.5	0.2	0.4%
25.0%	64.2	63.8	-0.3	-0.5%	25.0%	57.4	57.3	-0.1	-0.2%	25.0%	51.3	51.4	0.0	0.0%	25.0%	48.2	48.3	0.1	0.2%
26.3% 27.5%	64.0 63.7	63.8 63.5	-0.3 -0.2	-0.4% -0.4%	26.3% 27.5%	57.4 57.3	57.3 57.3	-0.1 0.0	-0.2% -0.1%	26.3% 27.5%	51.2 51.2	51.3 51.3	0.1	0.2%	26.3% 27.5%	48.2 48.2	48.2 48.2	0.0	0.1% 0.1%
28.8%	63.7	63.0	-0.6	-1.0%	28.8%	57.3	57.3	0.0	-0.1%	28.8%	51.2	51.3	0.1	0.2%	28.8%	48.1	48.2	0.0	0.1%
30.0%	63.6	63.0	-0.6	-0.9%	30.0%	57.3	57.2	-0.1	-0.2%	30.0%	51.1	51.1	0.0	0.0%	30.0%	48.1	48.1	0.0	0.1%
31.3% 32.5%	63.6 63.5	62.8 62.8	-0.8 -0.8	-1.2% -1.2%	31.3% 32.5%	57.3 57.2	57.2 57.2	0.0 -0.1	-0.1% -0.1%	31.3% 32.5%	51.1 51.0	51.1 51.1	0.0 0.1	0.0%	31.3% 32.5%	48.1 48.0	48.1 48.1	0.1	0.1% 0.1%
33.8%	63.5	62.5	-0.9	-1.5%	33.8%	57.2	57.2	0.0	-0.1%	33.8%	51.0	51.0	0.0	0.1%	33.8%	48.0	48.1	0.0	0.1%
35.0%	63.4	62.4	-1.0	-1.5%	35.0%	57.2	57.1	-0.1	-0.1%	35.0%	50.9	51.0	0.1	0.2%	35.0%	48.0	48.0	0.0	0.0%
36.3% 37.5%	63.3 63.3	62.3 62.3	-1.0	-1.6%	36.3%	57.2	57.1 57.1	-0.1	-0.1%	36.3%	50.9 50.8	51.0 50.9	0.1	0.3%	36.3% 37.5%	48.0 47.9	48.0 47.9	0.0	0.1%
37.5%	63.3	62.3	-1.0 -1.1	-1.6% -1.8%	37.5% 38.8%	57.2 57.2	57.1 57.0	-0.1 -0.1	-0.2% -0.2%	37.5% 38.8%	50.8	50.9	0.1	0.2%	37.5%	47.9 47.9	47.9 47.8	0.0	-0.1% 0.0%
40.0%	63.3	62.1	-1.1	-1.8%	40.0%	57.1	57.0	0.0	-0.1%	40.0%	50.8	50.9	0.1	0.1%	40.0%	47.8	47.8	0.0	0.0%
41.3%	62.8	62.1	-0.7	-1.2%	41.3%	57.1	57.0	0.0	-0.1%	41.3%	50.8	50.9	0.1	0.2%	41.3%	47.8	47.8	0.0	0.0%
42.5% 43.8%	62.8 62.7	62.0 62.0	-0.8 -0.7	-1.3% -1.1%	42.5% 43.8%	57.0 57.0	57.0 57.0	-0.1 -0.1	-0.1% -0.1%	42.5% 43.8%	50.8 50.8	50.9 50.9	0.1 0.1	0.2%	42.5% 43.8%	47.7 47.5	47.8 47.6	0.0 0.1	0.0%
45.0%	62.6	62.0	-0.7	-1.1%	45.0%	57.0	57.0	0.0	-0.1%	45.0%	50.8	50.9	0.1	0.2%	45.0%	47.5	47.6	0.1	0.1%
46.3%	62.3	61.8	-0.5	-0.8%	46.3%	56.9	56.9	0.0	0.0%	46.3%	50.7	50.8	0.1	0.2%	46.3%	47.4	47.5	0.1	0.3%
47.5% 48.8%	62.3 62.3	61.8 61.8	-0.4 -0.4	-0.7% -0.7%	47.5% 48.8%	56.9 56.9	56.9 56.9	0.0	0.0%	47.5% 48.8%	50.7 50.6	50.8 50.8	0.2	0.3%	47.5% 48.8%	47.3 47.3	47.5 47.3	0.2	0.4%
50.0%	62.3	61.8	-0.4	-0.7%	50.0%	56.8	56.9	0.0	0.0%	50.0%	50.6	50.8	0.2	0.4%	50.0%	47.3	47.3	0.0	0.1%
51.3%	62.2	61.7	-0.5	-0.7%	51.3%	56.8	56.9	0.0	0.1%	51.3%	50.6	50.7	0.1	0.3%	51.3%	47.3	47.3	0.0	0.0%
52.5%	62.2 62.1	61.7	-0.5	-0.9%	52.5%	56.8	56.8	0.0	0.1%	52.5%	50.6	50.7	0.1	0.3%	52.5%	47.3	47.3 47.3	0.0	0.1%
53.8% 55.0%	62.0	61.5 61.5	-0.6 -0.5	-0.9% -0.8%	53.8% 55.0%	56.8 56.8	56.8 56.8	0.0	0.1%	53.8% 55.0%	50.6 50.5	50.7 50.7	0.1	0.3%	53.8% 55.0%	47.2 47.2	47.3	0.0	0.0%
56.3%	61.8	61.5	-0.4	-0.6%	56.3%	56.8	56.7	0.0	-0.1%	56.3%	50.5	50.7	0.2	0.4%	56.3%	47.2	47.2	-0.1	-0.1%
57.5%	61.8	61.5	-0.3	-0.5%	57.5%	56.7	56.7	-0.1	-0.1%	57.5%	50.5	50.6	0.2	0.3%	57.5%	47.2	47.2	0.0	0.0%
58.8% 60.0%	61.6 61.5	61.5 61.4	-0.1 -0.1	-0.2% -0.2%	58.8% 60.0%	56.5 56.5	56.5 56.5	0.1 0.1	0.1%	58.8% 60.0%	50.4 50.4	50.6 50.4	0.2	0.4%	58.8% 60.0%	47.2 47.1	47.1 47.0	-0.1 -0.1	-0.2% -0.2%
61.3%	61.5	61.3	-0.1	-0.2%	61.3%	56.4	56.5	0.1	0.1%	61.3%	50.3	50.4	0.1	0.2%	61.3%	47.0	47.0	0.0	0.0%
62.5%	61.4	61.3	0.0	0.0%	62.5%	56.4	56.4	0.0	0.0%	62.5%	50.3	50.4	0.1	0.2%	62.5%	47.0	47.0	0.0	-0.1%
63.8% 65.0%	61.3 61.3	61.3 61.3	0.0	0.0%	63.8% 65.0%	56.4 56.4	56.4 56.4	0.0	0.0%	63.8% 65.0%	50.3 50.2	50.3 50.2	0.0	0.0%	63.8% 65.0%	47.0 47.0	47.0 46.9	0.0	0.0%
66.3%	61.2	61.2	0.0	0.0%	66.3%	56.4	56.4	0.0	0.0%	66.3%	50.2	50.2	-0.1	-0.2%	66.3%	47.0	46.9	0.0	0.1%
67.5%	61.2	61.2	0.0	0.0%	67.5%	56.4	56.4	0.0	0.0%	67.5%	50.2	50.1	0.0	-0.1%	67.5%	46.9	46.9	0.1	0.1%
68.8%	61.2	61.1	0.0	-0.1%	68.8%	56.4	56.4	0.0	0.0%	68.8%	50.1	49.9	-0.2	-0.3%	68.8%	46.8	46.9	0.0	0.1%
70.0% 71.3%	61.2 61.1	61.1 61.1	0.0	-0.1% -0.1%	70.0% 71.3%	56.3 56.3	56.4 56.4	0.1	0.1% 0.1%	70.0% 71.3%	49.9 49.8	49.8 49.8	-0.1 0.0	-0.3% -0.1%	70.0% 71.3%	46.8 46.7	46.9 46.9	0.0	0.1%
72.5%	61.1	61.1	0.0	0.0%	72.5%	56.2	56.3	0.1	0.2%	72.5%	49.8	49.8	0.0	-0.1%	72.5%	46.6	46.8	0.2	0.3%
73.8%	61.1	61.1	0.0	0.0%	73.8%	56.2	56.3	0.1	0.2%	73.8%	49.7	49.7	0.1	0.1%	73.8%	46.5	46.8	0.2	0.4%
75.0%	61.1	61.0	0.0	0.0%	75.0%	56.1	56.3	0.2	0.3%	75.0%	49.6	49.7 49.7	0.1	0.2%	75.0%	46.5	46.7 46.6	0.2	0.3%
76.3% 77.5%	61.0 61.0	61.0	0.0	0.0%	76.3% 77.5%	56.1 56.1	56.2 56.0	0.1 -0.1	0.2% -0.1%	76.3% 77.5%	49.6 49.5	49.7	0.1 0.1	0.2%	76.3% 77.5%	46.3 46.3	46.5	0.3	0.6%
78.8%	61.0	60.9	0.0	0.0%	78.8%	56.1	56.0	-0.1	-0.1%	78.8%	49.5	49.6	0.1	0.2%	78.8%	46.2	46.5	0.3	0.6%
80.0%	60.9	60.9	0.0	0.0%	80.0%	56.0	55.9	-0.1	-0.2%	80.0%	49.5	49.6	0.1	0.2%	80.0%	46.2	46.4	0.2	0.3%
81.3% 82.5%	60.9	60.9	0.0	0.0%	81.3% 82.5%	55.9 55.7	55.9 55.8	-0.1 0.1	-0.1% 0.1%	81.3% 82.5%	49.4 49.4	49.6 49.5	0.2	0.4%	81.3% 82.5%	46.1 46.1	46.3 46.3	0.2	0.4%
83.8%	60.9	60.8	0.0	0.0%	83.8%	55.7	55.6	-0.1	-0.2%	83.8%	49.3	49.5	0.2	0.4%	83.8%	46.1	46.3	0.1	0.3%
85.0%	60.8	60.8	0.0	0.0%	85.0%	55.6	55.4	-0.1	-0.3%	85.0%	49.2	49.4	0.2	0.5%	85.0%	46.1	46.3	0.2	0.3%
86.3%	60.8	60.8	0.0	0.0%	86.3%	55.5	55.4	-0.1	-0.2%	86.3%	49.1	49.4	0.3	0.7%	86.3%	46.0	46.2	0.3	0.5%
87.5% 88.8%	60.7 60.6	60.7 60.6	-0.1 0.0	-0.1% 0.0%	87.5% 88.8%	55.4 55.2	55.3 55.3	0.0	-0.1% 0.2%	87.5% 88.8%	48.9 48.8	49.3 49.1	0.5 0.3	1.0% 0.6%	87.5% 88.8%	46.0 45.9	46.2 45.9	0.2	0.5%
90.0%	60.6	60.5	0.0	0.0%	90.0%	55.2	55.2	0.0	0.1%	90.0%	48.5	48.9	0.3	0.7%	90.0%	45.9	45.9	0.0	0.0%
91.3%	60.5	60.4	-0.1	-0.2%	91.3%	55.1	55.2	0.1	0.2%	91.3%	48.5	48.8	0.3	0.7%	91.3%	45.6	45.8	0.2	0.4%
92.5% 93.8%	60.4 60.4	60.3 60.1	-0.1 -0.2	-0.1% -0.4%	92.5% 93.8%	55.0 54.9	55.0 54.9	0.0 -0.1	-0.1% -0.1%	92.5% 93.8%	48.5 48.4	48.6 48.5	0.1 0.0	0.2%	92.5% 93.8%	45.6 45.5	45.7 45.5	0.1	0.2% 0.1%
93.8%	60.4	60.0	-0.2	-0.4%	93.8%	54.9 54.9	54.9 54.8	-0.1	-0.1%	93.8%	48.4 48.4	48.5 48.4	0.0	0.0%	93.8%	45.5 45.4	45.5 45.5	0.0	0.1%
96.3%	60.1	60.0	-0.1	-0.2%	96.3%	54.6	54.7	0.0	0.1%	96.3%	48.2	48.0	-0.1	-0.3%	96.3%	45.3	45.4	0.2	0.4%
97.5%	59.6	59.7	0.1	0.2%	97.5%	53.8	54.0	0.1	0.3%	97.5%	48.0	47.7	-0.3	-0.6%	97.5%	45.2	45.4	0.2	0.4%
98.8% 100.0%	59.5 59.2	59.2 58.7	-0.4 -0.5	-0.6% -0.9%	98.8% 100.0%	53.3 53.2	53.3 53.1	0.0	0.0%	98.8% 100.0%	46.3 46.2	47.1 46.7	0.8	1.6% 1.1%	98.8% 100.0%	45.1 44.6	45.3 44.3	0.1 -0.3	0.2% -0.6%
100.076	33.2	30.7	-0.5	-0.370	100.076	33.2	33.1	0.0	0.070	100.076	40.2	40.7	0.0	1.170	100.076	44.0	44.5	-0.5	-0.070

Table SQ-41-3b American River at the Mouth, Monthly Temperature Probability of Exceedance

April

May

March

February

Mart	Percent		February			Percent		Marcn			Percent		April			Percent		мау		
No.		No Action Alternative	Alternative C	Absolute	Relative		No Action Alternative	Alternative C	Absolute	Relative		No Action Alternative	Alternative C	Absolute	Relative		No Action Alternative	Alternative C	Absolute	Relative
Mary					Difference (%)															
150				, ,		(%)								. ,					. ,	
10																				-2.1%
1.00																				
10																2.5%		68.0		-2.4%
Section Sect																				
14																				
Section 18																				
Section Sect																				
1.15																				
	11.3%	51.5	51.7	0.2	0.4%		55.8	56.0	0.1	0.2%	11.3%	59.8	60.3	0.5	0.8%	11.3%	64.3	64.6	0.3	0.5%
150														0.5						
15	13.8%	51.3	51.5	0.2	0.5%		55.6	55.7		0.1%		59.6	59.8		0.4%		64.0	64.5		
Total Tota																				
March 1912 1912 1912 1913 1914 1915	16.3%	51.2	51.4	0.2	0.4%	16.3%	55.4	55.6	0.2	0.3%	16.3%	59.5	59.8	0.3	0.5%	16.3%	63.6	63.9	0.3	0.4%
10 10 10 10 10 10 10 10																				
1. 1. 1. 1. 1. 1. 1. 1.																				
2.00																				
25.00																				
250 250																				
19																				
270,																				
Section Column																				
200.																				
31.00																				
20% 503																				
2.5 2.5		50.4					54.0													
Section Sect																				
1967 1962 1963 11						35.0%														
275.00 10.0 10.15 10.0																				
386K 592 593 593 593 593 594													58.3							
400h 50.2 50.2 50.0 50.0 50.5 50.2 50.3 50.2 50.2 50.5 50.0																				
429% 902 902 903 906 906 905 941 942% 951 941 942 91 101% 928% 975 976 0.4 08% 942% 903 902 904 97% 943% 903 902 904 943% 903 902 904 943% 903 902 904 943% 903 902 904 943% 903 902 904 943% 903 903 903 903 903 903 903 903 903 903																				0.3%
438% 902 902 903 006 006 439% 933 941 03 05% 439% 975 975 076 03 06% 439% 903 006 0076 0076 0076 0076 0076 0076 007	41.3%	50.2	50.2	0.0	0.0%	41.3%	54.3	54.2	-0.1	-0.2%	41.3%	57.8	57.9	0.2	0.3%	41.3%	60.7	60.6	-0.1	-0.2%
40.0% 50.1 50.1 50.0 0.0% 40.0% 53.8 54.1 0.3 0.7% 40.0% 57.5 0.3 0.5% 40.0% 50.1 50.1 50.0 0.0% 40.0% 50.0 0.0% 40.0% 50.0 0.0% 40.0% 50.0 0.0% 40.0% 50.0 0.0% 40.0% 50.0 0.0% 40.0% 50.0 0.0% 40.0% 50.0 0.0% 40.0% 50.0 0.0% 40.0% 50.0 0.0% 40.0% 50.0 0.0% 40.0% 50.0 0.0% 40.0% 50.0 0.0% 40.0% 50.0 0.0% 50.0 0.0% 40.0 0.0 0.0% 50.0 0.0 0.0% 50.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	42.5%	50.2	50.2	0.0	0.0%	42.5%	54.1	54.2	0.1	0.1%		57.5	57.9	0.4	0.6%	42.5%	60.6	60.2	-0.4	-0.7%
427% 50.1 50.0 -0.1 50.0 -0.7 50.0 50.1 50.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0				0.0	0.0%										0.6%					
427% 500 498 02 0.0 498 02 0.0 498 02 0.0 498 02 0.0 498 02 0.0 498 02 0.0 0.0 0.0 488 0.0 0.0 0.0 488 0.0 0.0 0.0 0.0 488 0.0 0.0 0.0 0.0 488 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0																				
48% 500 498 -02 -04% 588% 537 538 01 02% 500% 573 574 01 01% 500% 500 500 00 00 00 00 00 00 00 00 00 00 0																				
500% 493 498 498 401 402% 500% 53.7 53.8 53.7 60.1 62% 500% 57.3 57.4 61.1 62% 50.7 59.8 61.1 62% 53.8% 59.7 59.8 61.1 62% 53.8% 59.7 59.8 61.1 62% 53.8% 59.7 59.8 61.1 62% 53.8% 59.7 59.8 61.1 62% 53.8% 59.7 59.8 61.1 62% 53.8% 59.7 59.8 61.1 62% 53.8% 59.7 69.8 61.1 62% 53.8% 59.7 69.8 61.1 62% 53.8% 69.7 62.8% 63.8% 69.7 62.8% 63.8% 69.7 62.8% 63.8% 69.7 62.8% 63.8% 69.7 62.8% 63.8% 69.7 62.8% 63.8% 69.7 63.8% 69.7 62.8% 63.8% 69.7 62.8% 63.8% 69.7 62.8% 63.8% 69.7 62.8% 63.8% 69.7 62.8% 63.8% 69.7 63.8%																				
913% 498 498 400 00% 513% 537 537 00 01% 513% 573 574 01 02% 513% 597 598 01 02% 525% 572 573 02 03% 597 598 01 01% 525% 575 573 02 03% 597 598 01 01% 550% 550% 598 597 598 01 01% 550% 550% 598 598 597 598 01 01% 550% 550% 598 598 598 598 598 598 598 598 598 598																				
\$2.9% 49.8 49.7 -0.1 -0.2% \$2.9% \$16. \$3.7 0.1 0.2% \$2.9% \$7.2 97.3 0.2 0.3% \$2.2% \$9.7 99.8 0.1 0.7% \$2.9% \$9.7 0.1 0.2% \$2.9% \$9.7 0.1 0.2% \$2.9% \$9.7 0.1 0.2% \$2.9% \$9.7 0.1 0.2% \$2.9% \$9.7 0.1 0.2% \$2.9% \$9.7 0.1 0.2% \$2.9% \$9.7 0.1 0.2% \$2.9% \$9.7 0.1 0.2% \$2.9% \$9.7 0.2% \$9.9% \$9.7 0.2% \$9.9% \$9.7 0.2% \$9.9% \$9.7 0.2% \$9.9% \$9.7 0.2% \$9.9% \$9.7 0.2% \$9.9% \$9.7 0.2% \$9.9% \$9.9% \$9.7 0.2% \$9.9%								53.8												
\$3.8% 49.8 49.7 -0.1 -0.3% \$3.8% \$3.6 33.6 0.0 0.0% \$3.8% \$7.1 \$7.3 0.2 0.4% \$3.8% \$9.7 \$9.8 -0.1 0.2% \$5.0% \$9.7 \$9.8 -0.2% \$5.0% \$9.7 \$9.8 -0.1 0.2% \$5.0% \$9.7 \$9.8 -0.1 0.2% \$5.0% \$9.7 \$9.8 -0.1 0.2% \$5.0% \$9.7 \$9.8 -0.1 0.2% \$5.0% \$9.7 \$9.8 \$9.8 \$9.7 \$9.8 \$9.7 \$9.8 \$9.8 \$9.7 \$9.8 \$9.8 \$9.7 \$9.8 \$9.8 \$9.7 \$9.8 \$9.8 \$9.7 \$9.8 \$9.8 \$9.7 \$9.8 \$9.8 \$9.7 \$9.8 \$9.8 \$9.7 \$9.8 \$9.8 \$9.7 \$9.8 \$9.8 \$9.7 \$9.8 \$9.8 \$9.7 \$9.8 \$9.8 \$9.7 \$9.8 \$9.8 \$9.8 \$9.7 \$9.8 \$9.8 \$9.8 \$9.8 \$9.8 \$9.8 \$9.8 \$9.8																				
550% 498 497 0-1 0-2½ 550% 53.6 53.5 0.0 0-1% 55.0% 57.1 57.3 0.3 0.4% 55.0% 59.4 59.4 0.0 0.0% 59.3% 49.7 48.6 0-1 1 0-2½ 55.5% 49.6 0-1 1 0-2½ 55.5% 49.6 0-1 1 0-2½ 55.5% 49.6 0-1 1 0-2½ 55.5% 49.6 0-1 1 0-2½ 55.5% 49.6 0-1 0-2½ 55.5% 59.6 0-1																52.5%				
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95.0% 47.2 47.3 0.1 0.1% 95.0% 51.2 51.3 0.0 0.1% 95.0% 54.6 54.5 -0.1 -0.2% 95.0% 56.7 56.7 0.0 0.0% 96.3% 47.1 46.7 -0.4 -0.8% 96.3% 51.2 51.2 0.0 0.0% 96.3% 54.4 54.3 -0.1 -0.2% 95.0% 56.4 56.4 0.0 0.0% 97.5% 46.8 46.6 -0.0 0.1% 98.8% 50.8 50.9 51.1 0.2 0.4% 97.5% 54.4 54.3 -0.1 -0.3% 97.5% 56.3 56.1 -0.2 -0.4% 98.8% 46.6 46.6 0.0 0.1% 98.8% 50.8 50.9 0.0 0.1% 98.8% 54.3 54.0 -0.3 -0.6% 98.8% 56.2 55.6 -0.6 -1.0%																				
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	100.0%	46.3	46.5	0.3	0.6%	100.0%	50.5	50.5	0.0	0.0%	100.0%	53.8	53.8	0.0	-0.1%	100.0%	55.4	55.3	-0.1	-0.1%

Table SQ-41-3b American River at the Mouth, Monthly Temperature Probability of Exceedance

		June						Probabilit	y of Exceedance				September						
Percent		00.10			Percent		July			Percent		August			Percent				
Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative C	Absolute Difference	Relative
Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)
0.0%	76.0	75.3	-0.7	-1.0%	0.0%	82.2	82.0	-0.2	-0.2%	0.0%	82.7	80.8	-1.9	-2.3%	0.0%	76.5	75.4	-1.1	-1.4%
1.3% 2.5%	73.8 73.1	74.2 72.5	0.4 -0.6	0.5% -0.9%	1.3% 2.5%	74.9 74.2	75.1 75.0	0.2	0.3% 1.0%	1.3% 2.5%	78.1 75.5	75.2 74.0	-2.9 -1.5	-3.8% -2.0%	1.3% 2.5%	75.6 74.6	71.9 71.8	-3.7 -2.7	-4.9% -3.7%
3.8%	72.0	70.5	-1.5	-2.1%	3.8%	73.8	71.9	-1.8	-2.5%	3.8%	74.5	74.0	-1.5	-3.1%	3.8%	72.7	71.6	-1.3	-3.7%
5.0%	70.5	69.3	-1.2	-1.7%	5.0%	72.8	71.3	-1.5	-2.1%	5.0%	73.6	71.8	-1.8	-2.4%	5.0%	71.5	70.5	-1.0	-1.4%
6.3%	67.3	68.4 67.8	1.1	1.6%	6.3%	71.9 70.5	70.9	-1.1	-1.5% 0.4%	6.3%	73.2	70.9	-2.3	-3.2%	6.3% 7.5%	70.5 70.4	70.5	0.0	-0.1%
7.5% 8.8%	67.1 67.1	67.0	0.7 -0.1	-0.1%	7.5% 8.8%	69.9	70.8 70.0	0.3 0.1	0.4%	7.5% 8.8%	71.6 71.0	70.7 70.7	-0.9 -0.3	-1.3% -0.4%	8.8%	70.4	70.1 70.0	-0.3 -0.2	-0.5% -0.3%
10.0%	67.1	67.0	-0.1	-0.1%	10.0%	69.4	69.8	0.4	0.6%	10.0%	70.6	70.3	-0.2	-0.3%	10.0%	70.3	69.3	-0.9	-1.3%
11.3%	66.9	67.0	0.1	0.2%	11.3%	69.4 69.3	69.6	0.2	0.3%	11.3% 12.5%	70.4	70.3	-0.2	-0.2%	11.3%	69.6	69.3	-0.3	-0.5%
12.5% 13.8%	66.9 66.8	66.8 66.8	-0.1 0.0	-0.1% -0.1%	12.5% 13.8%	69.3	69.4 69.3	0.1	0.2%	12.5%	70.1 69.9	70.0 69.8	-0.2 -0.1	-0.2% -0.2%	12.5% 13.8%	69.4 69.4	69.2 69.2	-0.2 -0.2	-0.2% -0.3%
15.0%	66.7	66.7	0.0	0.0%	15.0%	68.7	69.1	0.4	0.6%	15.0%	69.8	69.7	-0.1	-0.1%	15.0%	69.3	69.2	-0.1	-0.1%
16.3%	66.5	66.5	0.0	0.0%	16.3%	68.6	67.9	-0.7	-1.0%	16.3%	69.6	69.7	0.1	0.1%	16.3%	68.4	69.0	0.6	0.9%
17.5% 18.8%	66.4 66.3	66.5 66.5	0.1	0.2%	17.5% 18.8%	68.3 67.9	67.5 67.1	-0.8 -0.9	-1.2% -1.3%	17.5% 18.8%	69.5 69.5	69.7 69.5	0.2	0.2%	17.5% 18.8%	68.0 67.9	68.8 68.8	0.9	1.3% 1.2%
20.0%	66.3	66.4	0.1	0.1%	20.0%	67.9	67.0	-0.8	-1.3%	20.0%	68.9	69.5	0.6	0.9%	20.0%	67.9	68.6	0.7	1.0%
21.3%	66.3	66.4	0.2	0.2%	21.3%	67.8	67.0	-0.8	-1.2%	21.3%	68.5	69.4	0.9	1.3%	21.3%	67.6	67.9	0.3	0.4%
22.5%	66.0 66.0	66.3 66.2	0.3	0.5%	22.5% 23.8%	67.0 67.0	66.9 66.8	-0.2 -0.2	-0.3% -0.3%	22.5% 23.8%	68.4 68.3	68.4 68.1	0.0	0.0% -0.2%	22.5% 23.8%	67.5 67.2	67.5 67.2	0.0	0.0% -0.1%
25.0%	65.6	66.0	0.2	0.5%	25.0%	66.8	66.7	-0.2	-0.3%	25.0%	68.3	67.7	-0.2 -0.5	-0.2%	25.0%	67.2	66.8	-0.4	-0.6%
26.3%	65.4	65.8	0.4	0.6%	26.3%	66.7	66.7	0.0	0.0%	26.3%	68.0	67.6	-0.4	-0.6%	26.3%	67.1	66.7	-0.4	-0.6%
27.5%	65.4	65.5	0.1	0.1%	27.5%	66.5	66.7	0.2	0.2%	27.5%	67.9	67.6	-0.3	-0.5%	27.5%	66.8	66.6	-0.2	-0.3%
28.8% 30.0%	65.2 65.2	65.5 65.2	0.3	0.4%	28.8% 30.0%	66.4 66.3	66.3 66.2	-0.1 -0.1	-0.2% -0.1%	28.8% 30.0%	67.7 67.6	67.4 67.4	-0.2 -0.1	-0.3% -0.2%	28.8% 30.0%	66.8 66.6	66.5 66.5	-0.3 -0.1	-0.4% -0.2%
31.3%	65.1	64.7	-0.4	-0.7%	31.3%	66.3	66.2	-0.1	-0.2%	31.3%	67.5	67.4	-0.1	-0.2%	31.3%	66.6	66.5	-0.1	-0.2%
32.5%	64.9	64.7	-0.2	-0.3%	32.5%	66.2	66.2	0.0	0.0%	32.5%	67.5	67.4	-0.1	-0.1%	32.5%	66.6	66.4	-0.2	-0.3%
33.8% 35.0%	64.3 64.3	64.6 64.2	0.3	0.5%	33.8% 35.0%	66.2 66.1	66.2 66.1	0.0	0.0%	33.8% 35.0%	67.5 67.4	67.4 67.4	-0.1 0.0	-0.1% 0.0%	33.8% 35.0%	66.3 66.3	66.3 66.3	0.1	0.1%
36.3%	64.1	64.2	0.1	0.2%	36.3%	66.0	66.1	0.0	0.2%	36.3%	67.4	67.4	0.0	0.0%	36.3%	66.3	66.3	0.0	0.0%
37.5%	64.0	63.8	-0.2	-0.2%	37.5%	66.0	66.1	0.1	0.2%	37.5%	67.4	67.4	0.0	0.0%	37.5%	66.2	66.2	0.0	0.1%
38.8% 40.0%	63.7	63.8	0.0	0.1%	38.8%	65.9	66.1	0.1	0.2%	38.8%	67.3	67.3	0.0	0.0%	38.8%	66.2	66.2	0.1	0.1%
41.3%	63.7 63.5	63.6 63.6	-0.1 0.0	-0.1% 0.1%	40.0% 41.3%	65.9 65.8	66.1 66.0	0.1 0.2	0.2%	40.0% 41.3%	67.3 67.3	67.3 67.2	0.0 -0.1	-0.1% -0.1%	40.0% 41.3%	66.1 66.0	66.2 66.1	0.1	0.2%
42.5%	63.4	63.5	0.1	0.2%	42.5%	65.8	66.0	0.2	0.3%	42.5%	67.3	67.2	-0.1	-0.1%	42.5%	66.0	66.1	0.2	0.3%
43.8%	63.4	63.5	0.1	0.2%	43.8%	65.8	66.0	0.2	0.3%	43.8%	67.3	67.2	-0.1	-0.1%	43.8%	65.9	66.1	0.2	0.3%
45.0% 46.3%	63.3 63.1	63.5 63.4	0.1	0.2%	45.0% 46.3%	65.8 65.7	65.8 65.8	0.0	0.1% 0.1%	45.0% 46.3%	67.3 67.3	67.2 67.2	-0.1 -0.1	-0.1% -0.1%	45.0% 46.3%	65.9 65.9	66.1 66.1	0.2	0.2%
47.5%	63.0	63.3	0.3	0.5%	47.5%	65.7	65.8	0.1	0.1%	47.5%	67.2	67.2	-0.1	-0.1%	47.5%	65.9	66.1	0.2	0.3%
48.8%	63.0	63.2	0.2	0.4%	48.8%	65.6	65.7	0.1	0.2%	48.8%	67.2	67.1	-0.1	-0.1%	48.8%	65.8	66.0	0.2	0.2%
50.0%	62.9 62.8	63.1	0.3	0.4%	50.0%	65.6 65.5	65.7 65.6	0.1	0.2%	50.0%	67.2 67.2	67.1 67.0	-0.1	-0.1%	50.0%	65.8 65.7	65.9 65.9	0.1	0.2%
51.3% 52.5%	62.7	63.1 63.0	0.3	0.4%	51.3% 52.5%	65.5	65.6	0.1	0.2%	51.3% 52.5%	67.2	67.0	-0.1 -0.1	-0.2% -0.2%	51.3% 52.5%	65.7	65.8	0.2	0.3%
53.8%	62.5	62.8	0.2	0.4%	53.8%	65.4	65.6	0.1	0.2%	53.8%	67.1	67.0	-0.2	-0.2%	53.8%	65.7	65.8	0.2	0.2%
55.0%	62.5	62.7	0.2	0.4%	55.0%	65.4	65.5	0.1	0.2%	55.0%	67.1	66.9	-0.2	-0.3%	55.0%	65.7	65.8	0.1	0.2%
56.3% 57.5%	62.5 62.4	62.6 62.4	0.2	0.3% -0.1%	56.3% 57.5%	65.4 65.4	65.5 65.5	0.1	0.1%	56.3% 57.5%	67.0 66.9	66.9 66.8	-0.1 -0.1	-0.1% -0.1%	56.3% 57.5%	65.6 65.6	65.8 65.7	0.1	0.2%
58.8%	62.3	62.2	0.0	0.0%	58.8%	65.4	65.5	0.1	0.1%	58.8%	66.9	66.8	-0.1	-0.1%	58.8%	65.5	65.6	0.1	0.1%
60.0%	62.0	62.2	0.2	0.3%	60.0%	65.3	65.4	0.1	0.1%	60.0%	66.8	66.8	0.0	0.0%	60.0%	65.5	65.6	0.1	0.1%
61.3% 62.5%	62.0 62.0	62.2 62.1	0.2	0.2%	61.3% 62.5%	65.3 65.2	65.4 65.4	0.1	0.2%	61.3% 62.5%	66.7 66.7	66.8 66.8	0.1 0.1	0.1%	61.3% 62.5%	65.5 65.5	65.5 65.4	0.0	0.0%
63.8%	61.8	62.0	0.1	0.2%	63.8%	65.2	65.3	0.2	0.3%	63.8%	66.7	66.8	0.1	0.1%	63.8%	65.4	65.4	0.0	-0.1%
65.0%	61.8	61.9	0.1	0.2%	65.0%	65.2	65.3	0.2	0.2%	65.0%	66.7	66.6	-0.1	-0.1%	65.0%	65.4	65.3	-0.2	-0.2%
66.3%	61.7	61.9 61.8	0.2	0.3%	66.3%	65.1 65.1	65.2	0.1	0.2%	66.3%	66.6	66.6	0.0	-0.1%	66.3%	65.3	65.1	-0.2	-0.3%
67.5% 68.8%	61.7 61.7	61.8	0.1 0.1	0.2%	67.5% 68.8%	65.0	65.2 65.1	0.1 0.1	0.1%	67.5% 68.8%	66.6 66.5	66.5 66.5	-0.1 -0.1	-0.1% -0.1%	67.5% 68.8%	65.2 65.1	65.0 64.9	-0.2 -0.2	-0.4% -0.3%
70.0%	61.7	61.7	0.0	0.0%	70.0%	65.0	65.1	0.1	0.2%	70.0%	66.5	66.5	-0.1	-0.1%	70.0%	64.9	64.9	0.0	0.0%
71.3%	61.6	61.6	0.0	0.0%	71.3%	65.0	65.1	0.1	0.2%	71.3%	66.5	66.4	0.0	0.0%	71.3%	64.8	64.8	0.0	0.0%
72.5% 73.8%	61.6 61.5	61.5 61.5	-0.1 0.0	-0.1% 0.0%	72.5% 73.8%	65.0 65.0	65.1 65.1	0.1	0.1%	72.5% 73.8%	66.4 66.4	66.4 66.3	-0.1 -0.1	-0.1% -0.1%	72.5% 73.8%	64.7 64.7	64.6 64.6	-0.1 -0.1	-0.2% -0.1%
75.0%	61.5	61.5	0.0	0.0%	75.0%	64.9	65.1	0.1	0.2%	75.0%	66.4	66.2	-0.1	-0.1%	75.0%	64.6	64.6	-0.1	-0.1%
76.3%	61.2	61.4	0.2	0.3%	76.3%	64.7	65.1	0.3	0.5%	76.3%	66.3	66.0	-0.3	-0.5%	76.3%	64.6	64.5	-0.1	-0.1%
77.5%	61.1 60.9	61.3 60.9	0.1	0.2%	77.5%	64.7 64.6	64.9 64.6	0.2	0.3%	77.5%	66.3 66.2	65.9 65.8	-0.3	-0.5%	77.5%	64.5 64.5	64.5 64.4	-0.1 -0.2	-0.1%
78.8% 80.0%	60.7	60.8	0.0 0.1	0.0%	78.8% 80.0%	64.6	64.6	0.0	0.0%	78.8% 80.0%	66.0	65.8	-0.4 -0.2	-0.6% -0.3%	78.8% 80.0%	64.4	64.3	-0.2	-0.2% -0.1%
81.3%	60.7	60.7	0.0	0.0%	81.3%	64.6	64.5	-0.1	-0.1%	81.3%	65.8	65.6	-0.3	-0.4%	81.3%	64.4	64.3	-0.1	-0.1%
82.5%	60.7	60.7	0.0	0.0%	82.5%	64.6	64.5	-0.1	-0.1%	82.5%	65.6	65.6	0.0	0.0%	82.5%	64.3	64.3	0.0	0.0%
83.8% 85.0%	60.7 60.6	60.7 60.6	0.0	0.0%	83.8% 85.0%	64.6 64.5	64.5 64.5	-0.1 0.0	-0.1% 0.0%	83.8% 85.0%	65.6 65.6	65.5 65.4	-0.1 -0.1	-0.1% -0.2%	83.8% 85.0%	64.2 64.2	64.2 64.2	0.0	0.0%
86.3%	60.6	60.6	0.0	0.1%	86.3%	64.4	64.4	0.0	0.0%	86.3%	65.5	65.4	-0.1	-0.2%	86.3%	64.2	64.2	0.0	0.0%
87.5%	60.5	60.6	0.1	0.2%	87.5%	64.3	64.4	0.1	0.2%	87.5%	65.4	65.4	-0.1	-0.1%	87.5%	64.2	64.2	0.0	0.0%
88.8%	60.4	60.5	0.1	0.1%	88.8%	64.2	64.4	0.2	0.3%	88.8%	65.3	65.3	0.1	0.1%	88.8%	64.2	64.1	-0.1	-0.1%
90.0% 91.3%	60.3 60.2	60.5 60.4	0.2	0.3%	90.0% 91.3%	64.2 64.1	64.3 64.3	0.2	0.3%	90.0% 91.3%	65.3 65.1	65.3 65.2	0.0	0.1%	90.0% 91.3%	64.2 64.1	64.1 64.1	0.0	-0.1% 0.0%
92.5%	60.1	60.0	0.2	-0.1%	92.5%	64.1	64.1	0.2	-0.1%	92.5%	65.1	65.2	0.1	0.1%	92.5%	64.0	64.0	0.0	0.0%
93.8%	59.5	60.0	0.5	0.8%	93.8%	64.0	64.0	0.0	0.0%	93.8%	65.1	65.1	0.1	0.1%	93.8%	63.8	64.0	0.1	0.2%
95.0%	59.2	59.2	0.0	-0.1%	95.0%	63.6	63.5	-0.1	-0.1%	95.0%	65.0	65.1	0.0	0.0%	95.0%	63.8	64.0	0.1	0.2%
96.3% 97.5%	58.8 58.7	58.8 58.6	0.0	0.0% -0.1%	96.3% 97.5%	63.4 63.0	63.4 62.9	0.0 -0.1	0.0% -0.2%	96.3% 97.5%	64.9 64.9	64.9 64.8	0.0 -0.1	0.0% -0.1%	96.3% 97.5%	63.8 63.8	64.0 63.8	0.2	0.3%
98.8%	58.1	57.8	-0.3	-0.4%	98.8%	61.9	61.9	0.0	0.0%	98.8%	64.9	64.8	-0.1	-0.2%	98.8%	63.8	63.8	0.0	0.1%
100.0%	57.8	57.8	0.0	0.0%	100.0%	61.7	61.5	-0.2	-0.3%	100.0%	64.7	64.7	0.0	0.0%	100.0%	63.5	63.7	0.2	0.3%

Table SQ-39-4a American River below Nimbus Dam, Monthly Temperature Long-term Average and Average by Water Year Type

					Mon	thly Temp	erature (DE	G-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	61.0	56.9	51.2	47.4	48.1	50.7	53.6	55.7	58.3	61.3	62.3	62.3
Alternative D	60.7	56.9	51.4	47.5	48.2	50.7	53.7	55.7	58.5	61.1	62.0	62.1
Difference	-0.3	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.1	-0.1	-0.3	-0.2
Percent Difference ³	-0.5%	0.0%	0.2%	0.1%	0.1%	0.1%	0.2%	0.1%	0.2%	-0.2%	-0.5%	-0.39
				Water Y	ear Types	2						
Vet (32%)												
lo Action Alternative	59.6	56.5	51.8	47.4	48.1	50.0	52.5	53.6	56.1	59.2	60.7	61.0
Alternative D	59.3	56.5	51.9	47.4	48.1	50.0	52.5	53.6	56.1	59.2	60.7	60.9
Difference	-0.4	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Percent Difference	-0.6%	-0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	-0.19
Above Normal (15%)												
lo Action Alternative	60.0	56.4	50.8	47.6	47.8	50.1	52.8	54.4	57.1	60.3	61.1	60.9
Alternative D	59.7	56.5	51.0	47.7	47.8	50.2	53.0	54.5	57.2	60.1	60.8	60.8
Difference	-0.3	0.1	0.2	0.1	0.0	0.1	0.1	0.1	0.1	-0.2	-0.3	-0.1
Percent Difference	-0.5%	0.1%	0.4%	0.1%	0.1%	0.2%	0.2%	0.1%	0.2%	-0.4%	-0.6%	-0.29
Below Normal (17%)												
No Action Alternative	60.5	57.0	51.5	47.3	47.5	50.6	53.5	55.2	57.8	60.9	61.2	60.9
Alternative D	60.3	56.9	51.5	47.3	47.5	50.6	53.5	55.2	57.9	60.6	61.1	60.9
Difference	-0.1	-0.1	0.1	0.0	0.0	0.0	-0.1	0.0	0.0	-0.3	-0.2	0.0
Percent Difference	-0.2%	-0.1%	0.2%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.1%	-0.6%	-0.3%	0.1%
Ory (22%)												
No Action Alternative	62.1	57.3	51.3	47.5	48.5	51.0	54.2	56.9	59.4	61.8	62.7	62.7
Alternative D	61.7	57.3	51.4	47.7	48.5	51.2	54.5	57.4	60.0	61.5	62.3	62.3
Difference	-0.3	0.0	0.1	0.1	0.0	0.1	0.3	0.5	0.5	-0.3	-0.3	-0.3
Percent Difference	-0.6%	-0.1%	0.2%	0.3%	0.0%	0.3%	0.5%	1.0%	0.9%	-0.5%	-0.5%	-0.69
Critical (15%)												
lo Action Alternative	64.0	57.8	50.1	47.3	48.8	52.3	55.8	60.0	63.4	66.3	67.5	67.3
Alternative D	63.7	57.8	50.2	47.4	48.9	52.3	56.0	59.6	63.4	66.4	66.7	66.7
Difference	-0.3	0.1	0.1	0.1	0.1	0.0	0.2	-0.4	0.0	0.2	-0.8	-0.6
Percent Difference	-0.4%	0.1%	0.2%	0.3%	0.2%	-0.1%	0.3%	-0.7%	0.0%	0.2%	-1.1%	-0.99

3 Relative difference of the monthly average



Figure SQ-39-4b American River below Nimbus Dam, Monthly Temperature Probability of Exceedance

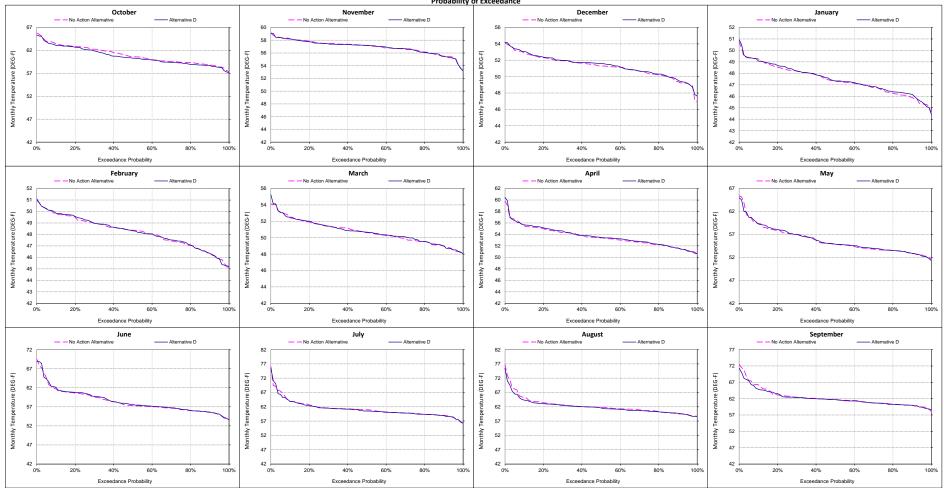


Table SQ-39-4b American River below Nimbus Dam, Monthly Temperature Probability of Exceedance

				Probability of Exceedance December										lanuary						
Percent		October			Percent		HOTOIIIDGI			Percent		Decomber			Percent		January			
Exceedance	No Action Alternative		Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	
Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	
0.0%	(DEG-F) 65.8	(DEG-F) 65.4	-0.4	-0.6%	0.0%	59.1	(DEG-F) 59.1	0.0	0.0%	0.0%	(DEG-F) 54.1	(DEG-F) 54.2	0.0	0.1%	0.0%	50.8	50.9	0.2	0.4%	
1.3%	65.5	65.2	-0.4	-0.5%	1.3%	58.8	59.1	0.3	0.5%	1.3%	53.9	54.2	0.2	0.4%	1.3%	50.2	50.5	0.3	0.7%	
2.5%	65.2	65.1 64.2	-0.1	-0.1%	2.5%	58.6	58.5	-0.1	-0.2%	2.5%	53.8	53.8	0.0	0.1%	2.5%	49.5	49.6 49.4	0.1	0.3%	
3.8% 5.0%	64.5 64.0	63.9	-0.3 -0.1	-0.5% -0.2%	3.8% 5.0%	58.5 58.4	58.4 58.4	-0.1 0.0	-0.1% 0.0%	3.8% 5.0%	53.7 53.2	53.6 53.4	-0.1 0.2	-0.2% 0.3%	3.8% 5.0%	49.5 49.4	49.4	0.0	-0.1% -0.1%	
6.3%	64.0	63.5	-0.4	-0.7%	6.3%	58.4	58.3	0.0	-0.1%	6.3%	53.1	53.3	0.2	0.4%	6.3%	49.3	49.3	0.0	0.0%	
7.5%	63.9	63.5	-0.4	-0.7%	7.5%	58.4	58.2	-0.1	-0.2%	7.5%	53.1	53.3	0.2	0.3%	7.5%	49.3	49.3	0.0	0.0%	
8.8%	63.7 63.4	63.3 63.1	-0.4 -0.3	-0.6% -0.5%	8.8% 10.0%	58.3 58.2	58.2 58.2	-0.1 0.0	-0.2% 0.0%	8.8% 10.0%	53.1 52.8	53.1 53.1	0.0	0.0%	8.8% 10.0%	49.3 49.3	49.3 49.1	0.0 -0.2	0.0%	
11.3%	63.3	63.0	-0.3	-0.5%	11.3%	58.1	58.1	0.0	0.0%	11.3%	52.8	53.0	0.2	0.4%	11.3%	49.1	49.1	0.0	0.0%	
12.5%	63.2	63.0	-0.1	-0.2%	12.5%	58.1	58.1	0.0	0.0%	12.5%	52.7	52.8	0.1	0.2%	12.5%	49.0	49.0	0.0	0.0%	
13.8% 15.0%	63.1 63.1	63.0 62.9	-0.1 -0.1	-0.2% -0.2%	13.8% 15.0%	58.0 58.0	58.0 57.9	-0.1 -0.1	-0.1% -0.2%	13.8% 15.0%	52.6 52.5	52.7 52.6	0.1	0.2%	13.8% 15.0%	48.9 48.8	49.0 48.9	0.1	0.2%	
16.3%	63.1	62.9	-0.1	-0.2%	16.3%	58.0	57.9	-0.1	-0.2%	16.3%	52.5	52.5	0.0	0.1%	16.3%	48.7	48.9	0.1	0.1%	
17.5%	63.0	62.8	-0.2	-0.3%	17.5%	57.9	57.8	-0.1	-0.2%	17.5%	52.4	52.5	0.1	0.2%	17.5%	48.7	48.8	0.2	0.3%	
18.8%	62.9	62.8	-0.1	-0.2%	18.8%	57.9	57.8	-0.1	-0.2%	18.8%	52.4	52.4	0.1	0.1%	18.8%	48.6	48.8	0.2	0.4%	
20.0% 21.3%	62.9 62.8	62.7 62.7	-0.2 -0.1	-0.3% -0.2%	20.0% 21.3%	57.8 57.8	57.8 57.7	-0.1 -0.1	-0.2% -0.2%	20.0% 21.3%	52.3 52.3	52.4 52.3	0.0	0.1%	20.0% 21.3%	48.5 48.5	48.7 48.6	0.1	0.3%	
22.5%	62.8	62.6	-0.2	-0.4%	22.5%	57.7	57.6	-0.1	-0.2%	22.5%	52.2	52.3	0.1	0.1%	22.5%	48.4	48.6	0.2	0.4%	
23.8%	62.7	62.3	-0.3	-0.6%	23.8%	57.6	57.6	0.0	-0.1%	23.8%	52.2	52.3	0.1	0.2%	23.8%	48.4	48.6	0.2	0.5%	
25.0%	62.6 62.6	62.2 62.2	-0.4	-0.7%	25.0% 26.3%	57.6 57.5	57.5 57.5	0.0	-0.1%	25.0% 26.3%	52.1 52.0	52.3 52.0	0.2	0.3%	25.0%	48.3 48.3	48.5 48.4	0.2	0.3%	
26.3% 27.5%	62.4	62.2	-0.5 -0.3	-0.7% -0.5%	27.5%	57.5 57.5	57.5	0.0	0.0%	27.5%	52.0	52.0	0.1	0.1%	26.3% 27.5%	48.3	46.4	0.2	0.3%	
28.8%	62.3	62.1	-0.2	-0.3%	28.8%	57.5	57.5	0.0	0.0%	28.8%	52.0	52.0	0.1	0.1%	28.8%	48.2	48.3	0.0	0.0%	
30.0%	62.3	61.9	-0.4	-0.6%	30.0%	57.5	57.4	-0.1	-0.1%	30.0%	51.9	52.0	0.0	0.1%	30.0%	48.2	48.2	0.0	-0.1%	
31.3% 32.5%	62.3 62.1	61.8 61.6	-0.5 -0.5	-0.7% -0.8%	31.3% 32.5%	57.5 57.5	57.4 57.4	-0.1 -0.1	-0.2% -0.2%	31.3% 32.5%	51.9 51.9	52.0 52.0	0.0	0.1%	31.3% 32.5%	48.2 48.1	48.2 48.1	0.0	0.0%	
33.8%	62.0	61.5	-0.5	-0.9%	33.8%	57.5	57.4	-0.1	-0.2%	33.8%	51.9	51.8	-0.1	-0.1%	33.8%	48.1	48.1	0.0	0.0%	
35.0%	61.9	61.4	-0.5	-0.9%	35.0%	57.4	57.3	-0.1	-0.1%	35.0%	51.7	51.8	0.0	0.1%	35.0%	48.1	48.1	0.0	0.0%	
36.3% 37.5%	61.8 61.8	61.1 61.1	-0.7	-1.1%	36.3%	57.4 57.4	57.3 57.3	-0.1	-0.1%	36.3%	51.7 51.7	51.7 51.7	0.0	0.0%	36.3%	48.0 48.0	48.0 48.0	0.0	0.0%	
37.5%	61.8	60.8	-0.7 -0.9	-1.2% -1.5%	37.5% 38.8%	57.4 57.4	57.3 57.3	-0.1 -0.1	-0.1% -0.1%	37.5% 38.8%	51.7	51.7 51.7	0.0	0.1%	37.5% 38.8%	48.0 47.9	48.0	0.0	0.0%	
40.0%	61.5	60.8	-0.8	-1.3%	40.0%	57.4	57.3	0.0	-0.1%	40.0%	51.6	51.7	0.1	0.2%	40.0%	47.9	47.9	0.0	-0.1%	
41.3%	61.5	60.7	-0.7	-1.2%	41.3%	57.4	57.3	-0.1	-0.1%	41.3%	51.6	51.7	0.1	0.2%	41.3%	47.8	47.8	0.0	0.0%	
42.5%	61.4	60.7	-0.6	-1.1%	42.5%	57.3	57.3 57.3	-0.1	-0.1%	42.5%	51.6	51.7	0.1	0.3%	42.5%	47.8 47.6	47.8 47.7	0.0	0.0%	
43.8% 45.0%	61.2 61.2	60.6 60.5	-0.6 -0.6	-1.0% -1.0%	43.8% 45.0%	57.3 57.3	57.3	-0.1 0.0	-0.1% -0.1%	43.8% 45.0%	51.5 51.5	51.7 51.7	0.1	0.3%	43.8% 45.0%	47.5	47.7	0.1	0.3%	
46.3%	61.0	60.4	-0.5	-0.9%	46.3%	57.2	57.2	0.0	0.0%	46.3%	51.5	51.7	0.2	0.3%	46.3%	47.4	47.6	0.2	0.3%	
47.5%	60.8	60.4	-0.4	-0.6%	47.5%	57.2	57.2	0.0	0.0%	47.5%	51.4	51.6	0.3	0.5%	47.5%	47.4	47.5	0.1	0.1%	
48.8% 50.0%	60.7 60.6	60.4 60.3	-0.3 -0.3	-0.5% -0.5%	48.8% 50.0%	57.2 57.2	57.2 57.2	0.0	0.1%	48.8% 50.0%	51.3 51.3	51.6 51.6	0.3	0.6%	48.8% 50.0%	47.3 47.3	47.4 47.3	0.0	0.1%	
51.3%	60.6	60.3	-0.3	-0.5%	51.3%	57.1	57.2	0.1	0.1%	51.3%	51.3	51.6	0.3	0.6%	51.3%	47.3	47.3	0.0	0.1%	
52.5%	60.6	60.2	-0.3	-0.6%	52.5%	57.1	57.1	0.1	0.1%	52.5%	51.3	51.5	0.2	0.5%	52.5%	47.3	47.3	0.1	0.1%	
53.8%	60.6	60.2	-0.4	-0.6%	53.8%	57.0	57.1	0.1	0.2%	53.8%	51.2	51.5	0.3	0.5%	53.8%	47.2	47.3	0.1	0.2%	
55.0% 56.3%	60.4 60.3	60.0 60.0	-0.4 -0.3	-0.6% -0.5%	55.0% 56.3%	57.0 57.0	57.1 57.0	0.0	0.1% 0.1%	55.0% 56.3%	51.2 51.2	51.5 51.4	0.3 0.2	0.5%	55.0% 56.3%	47.2 47.2	47.3 47.3	0.1 0.1	0.1% 0.1%	
57.5%	60.3	60.0	-0.3	-0.5%	57.5%	57.0	57.0	0.0	0.1%	57.5%	51.2	51.3	0.1	0.2%	57.5%	47.2	47.3	0.0	0.1%	
58.8%	60.0	60.0	0.0	0.0%	58.8%	56.8	57.0	0.2	0.3%	58.8%	51.1	51.3	0.2	0.3%	58.8%	47.2	47.2	0.0	0.1%	
60.0% 61.3%	59.9 59.8	59.9 59.9	0.0	0.0%	60.0% 61.3%	56.8 56.8	56.9 56.8	0.2 0.1	0.3%	60.0% 61.3%	51.1	51.2 51.1	0.1 -0.1	0.1%	60.0%	47.1 47.1	47.2 47.1	0.1	0.2%	
62.5%	59.8	59.9	0.1 0.1	0.1% 0.2%	62.5%	56.8	56.8	0.1	0.1%	62.5%	51.1 51.0	50.9	-0.1	-0.1% -0.1%	61.3% 62.5%	47.1	47.1	0.0	0.0%	
63.8%	59.7	59.7	0.0	0.0%	63.8%	56.7	56.7	0.0	0.0%	63.8%	50.9	50.9	0.0	0.0%	63.8%	47.0	47.0	0.0	0.1%	
65.0%	59.7	59.5	-0.2	-0.4%	65.0%	56.7	56.7	0.0	0.0%	65.0%	50.9	50.8	0.0	-0.1%	65.0%	47.0	47.0	0.0	-0.1%	
66.3% 67.5%	59.7 59.6	59.5 59.5	-0.3 -0.2	-0.4% -0.3%	66.3% 67.5%	56.7 56.7	56.7 56.7	0.0	0.0%	66.3% 67.5%	50.9 50.8	50.8 50.8	0.0	-0.1% -0.1%	66.3% 67.5%	47.0 47.0	47.0 46.9	0.0 -0.1	-0.1% -0.3%	
68.8%	59.6	59.4	-0.2	-0.3%	68.8%	56.7	56.7	0.0	0.1%	68.8%	50.8	50.7	0.0	0.0%	68.8%	46.8	46.9	0.1	0.1%	
70.0%	59.6	59.4	-0.2	-0.3%	70.0%	56.5	56.7	0.1	0.2%	70.0%	50.7	50.7	0.0	0.0%	70.0%	46.8	46.8	0.1	0.2%	
71.3%	59.6	59.4	-0.2	-0.3%	71.3%	56.5	56.6	0.1	0.2%	71.3%	50.6	50.6	0.0	0.0%	71.3%	46.8	46.8	0.1	0.1%	
72.5% 73.8%	59.6 59.5	59.4 59.3	-0.2 -0.2	-0.3% -0.3%	72.5% 73.8%	56.5 56.5	56.6 56.5	0.1	0.2%	72.5% 73.8%	50.6 50.5	50.6 50.6	0.0 0.1	0.1%	72.5% 73.8%	46.7 46.6	46.7 46.7	0.0	-0.1% 0.3%	
75.0%	59.4	59.3	-0.2	-0.2%	75.0%	56.5	56.4	0.0	-0.1%	75.0%	50.3	50.6	0.1	0.5%	75.0%	46.6	46.6	0.0	0.1%	
76.3%	59.4	59.2	-0.2	-0.3%	76.3%	56.4	56.3	-0.1	-0.2%	76.3%	50.3	50.5	0.2	0.4%	76.3%	46.4	46.5	0.2	0.4%	
77.5%	59.4 59.4	59.2 59.0	-0.2	-0.3% -0.5%	77.5% 78.8%	56.3 56.2	56.2 56.1	-0.1 -0.1	-0.2% -0.1%	77.5% 78.8%	50.3 50.3	50.4 50.3	0.0	0.1%	77.5% 78.8%	46.3 46.3	46.5 46.4	0.1	0.2%	
78.8% 80.0%	59.4 59.4	59.0 59.0	-0.3 -0.4	-0.5%	78.8% 80.0%	56.2 56.1	56.1 56.0	-0.1	-0.1%	78.8% 80.0%	50.3	50.3	0.1	0.2%	78.8% 80.0%	46.3 46.3	46.4 46.4	0.1	0.3%	
81.3%	59.4	58.9	-0.4	-0.7%	81.3%	56.1	56.0	-0.1	-0.2%	81.3%	50.2	50.3	0.1	0.3%	81.3%	46.2	46.4	0.2	0.4%	
82.5%	59.2	58.9	-0.3	-0.5%	82.5%	56.0	56.0	0.0	-0.1%	82.5%	50.1	50.2	0.1	0.2%	82.5%	46.2	46.4	0.2	0.4%	
83.8% 85.0%	59.2 59.1	58.8 58.8	-0.3 -0.3	-0.6% -0.4%	83.8% 85.0%	56.0 55.8	55.9 55.9	-0.1 0.0	-0.1% 0.1%	83.8% 85.0%	50.0 49.9	50.1 50.0	0.1	0.2%	83.8% 85.0%	46.1 46.1	46.3 46.3	0.2	0.5%	
85.0% 86.3%	59.1 59.0	58.8	-0.3	-0.4%	85.0% 86.3%	55.8	55.9 55.9	0.0	0.1%	85.0%	49.9	50.0 49.9	0.0	0.0%	85.0%	46.1 46.1	46.3 46.3	0.2	0.4%	
87.5%	59.0	58.8	-0.2	-0.4%	87.5%	55.6	55.8	0.2	0.4%	87.5%	49.8	49.9	0.1	0.2%	87.5%	46.0	46.2	0.2	0.4%	
88.8%	58.9	58.7	-0.2	-0.3%	88.8%	55.6	55.5	-0.1	-0.1%	88.8%	49.4	49.8	0.3	0.6%	88.8%	46.0	46.2	0.2	0.5%	
90.0% 91.3%	58.8 58.8	58.7 58.5	-0.1 -0.3	-0.2% -0.4%	90.0% 91.3%	55.5 55.5	55.5 55.4	0.0 -0.1	-0.1% -0.2%	90.0% 91.3%	49.4 49.2	49.5 49.4	0.2	0.3%	90.0% 91.3%	45.9 45.8	46.2 46.0	0.3	0.6%	
91.3%	58.8 58.7	58.5 58.5	-0.3	-0.4%	91.3%	55.5 55.4	55.4 55.3	-0.1	-0.2%	91.3%	49.2 49.2	49.4	0.1	0.3%	91.3%	45.8 45.8	46.0 45.8	0.2	0.5%	
93.8%	58.5	58.4	-0.2	-0.3%	93.8%	55.4	55.3	-0.2	-0.3%	93.8%	49.2	49.3	0.1	0.2%	93.8%	45.4	45.6	0.3	0.6%	
95.0%	58.4	58.3	-0.1	-0.2%	95.0%	55.3	55.1	-0.2	-0.3%	95.0%	49.2	49.2	0.0	-0.1%	95.0%	45.4	45.5	0.1	0.3%	
96.3% 97.5%	58.3 58.1	58.3 57.6	-0.1 -0.6	-0.2% -1.0%	96.3% 97.5%	55.0 54.1	55.1 54.2	0.1	0.2%	96.3% 97.5%	49.0 49.0	49.0 48.7	0.0 -0.3	0.0% -0.6%	96.3% 97.5%	45.3 45.3	45.4 45.1	0.0 -0.2	0.1% -0.4%	
98.8%	57.6	57.3	-0.8	-0.5%	98.8%	53.6	53.6	0.0	0.2%	98.8%	49.0 47.1	47.8	0.8	1.6%	98.8%	45.3 45.2	45.0	-0.2	-0.4%	
100.0%	57.3	57.1	-0.3	-0.5%	100.0%	53.2	53.2	0.0	0.0%	100.0%	46.9	47.6	0.7	1.5%	100.0%	44.5	44.4	-0.1	-0.2%	

Table SQ-39-4b American River below Nimbus Dam, Monthly Temperature Probability of Exceedance

					-				Probability	of Exceedance	perature								
Percent	No Action Alternative	February	Absolute		Percent	N- A-si Altti	March	Absolute		Percent	No Action Alternative	April	Absolute		Percent	No Action Alternative	May	Absolute	
Exceedance		Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Difference	Relative	Exceedance		Alternative D	Absolute Difference	Relative	Exceedance		Alternative D	Difference	Relative
Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%
0.0%	51.0	51.1	0.1	0.3%	0.0%	54.1	55.3	1.1	2.1%	0.0%	59.8	60.5	0.7	1.1%	0.0%	65.4	65.0	-0.4	-0.6%
1.3%	50.8	50.8	0.0	-0.1%	1.3%	54.1	54.1	0.1	0.1%	1.3%	59.1	59.9	0.9	1.5%	1.3%	65.2	64.5	-0.7	-1.0%
2.5% 3.8%	50.4 50.4	50.5 50.3	0.0	0.0% -0.1%	2.5% 3.8%	54.0 53.3	54.1 53.3	0.1 0.1	0.1% 0.1%	2.5% 3.8%	56.9 56.8	57.2 56.6	0.3 -0.2	0.5% -0.3%	2.5% 3.8%	63.9 61.3	62.0 61.9	-1.9 0.6	-2.9% 0.9%
5.0%	50.2	50.3	0.0	0.1%	5.0%	53.2	53.1	-0.1	-0.2%	5.0%	56.7	56.4	-0.2	-0.4%	5.0%	60.8	60.8	0.0	-0.1%
6.3%	50.2	50.1	-0.1	-0.1%	6.3%	53.0	53.0	0.1	0.2%	6.3%	56.4	56.1	-0.3	-0.6%	6.3%	60.6	60.7	0.1	0.2%
7.5% 8.8%	50.1 49.9	50.1 50.0	0.0	0.0%	7.5% 8.8%	52.9 52.8	52.7 52.5	-0.3 -0.3	-0.5% -0.5%	7.5% 8.8%	56.1 55.7	56.0 55.8	-0.1 0.1	-0.1% 0.2%	7.5% 8.8%	59.7 59.5	60.2 59.8	0.5 0.2	0.8%
10.0%	49.8	49.8	0.0	0.0%	10.0%	52.4	52.5	0.1	0.2%	10.0%	55.5	55.6	0.1	0.3%	10.0%	59.4	59.3	-0.1	-0.2%
11.3%	49.7	49.8	0.1	0.2%	11.3%	52.3	52.5	0.1	0.3%	11.3%	55.3	55.6	0.3	0.5%	11.3%	59.3	59.1	-0.2	-0.3%
12.5%	49.7	49.8	0.1	0.2%	12.5%	52.3	52.3	0.0	-0.1%	12.5%	55.3	55.6	0.2	0.4%	12.5%	58.6	59.1	0.5	0.9%
13.8% 15.0%	49.7 49.7	49.8 49.7	0.0	0.1%	13.8% 15.0%	52.3 52.2	52.2 52.2	-0.1 0.0	-0.2% 0.0%	13.8% 15.0%	55.3 55.3	55.5 55.4	0.2	0.4%	13.8% 15.0%	58.5 58.3	59.0 58.6	0.5 0.3	0.8%
16.3%	49.6	49.7	0.1	0.2%	16.3%	52.1	52.1	0.0	0.1%	16.3%	55.2	55.3	0.1	0.2%	16.3%	58.1	58.5	0.3	0.6%
17.5%	49.6	49.7	0.1	0.2%	17.5%	52.0	52.1	0.2	0.3%	17.5%	55.2	55.3	0.2	0.3%	17.5%	58.1	58.2	0.1	0.3%
18.8% 20.0%	49.6 49.5	49.7 49.6	0.1 0.1	0.2%	18.8% 20.0%	51.9 51.9	52.0 52.0	0.1	0.2%	18.8% 20.0%	55.1 55.0	55.3 55.1	0.2	0.3%	18.8% 20.0%	57.9 57.8	58.2 58.1	0.3	0.4%
21.3%	49.2	49.5	0.1	0.5%	21.3%	51.8	51.9	0.1	0.3%	21.3%	54.9	55.0	0.1	0.3%	21.3%	57.8	58.0	0.1	0.4%
22.5%	49.2	49.4	0.2	0.4%	22.5%	51.8	51.7	0.0	0.0%	22.5%	54.8	55.0	0.2	0.4%	22.5%	57.4	57.9	0.5	0.9%
23.8%	49.2	49.4 49.3	0.2	0.3%	23.8%	51.7	51.7	-0.1	-0.1%	23.8%	54.7	54.9 54.8	0.2	0.4%	23.8%	57.3	57.8	0.6	1.0%
25.0% 26.3%	49.2 49.1	49.3 49.3	0.1 0.1	0.2%	25.0% 26.3%	51.6 51.6	51.7 51.6	0.0	0.0%	25.0% 26.3%	54.7 54.5	54.8 54.7	0.1 0.2	0.2%	25.0% 26.3%	57.2 57.1	57.5 57.2	0.3	0.5% 0.2%
27.5%	49.1	49.2	0.1	0.2%	27.5%	51.5	51.5	-0.1	-0.1%	27.5%	54.5	54.7	0.2	0.4%	27.5%	57.1	57.2	0.0	0.2%
28.8%	49.1	49.0	-0.1	-0.1%	28.8%	51.5	51.4	-0.1	-0.1%	28.8%	54.4	54.6	0.3	0.5%	28.8%	57.1	57.0	0.0	-0.1%
30.0%	49.0	49.0	0.0	0.0%	30.0%	51.4	51.4	0.0	0.0%	30.0%	54.3	54.6	0.3	0.5%	30.0%	57.0	57.0	0.0	0.0%
31.3% 32.5%	49.0 48.9	48.9 48.9	0.0	0.0%	31.3% 32.5%	51.3 51.3	51.4 51.3	0.1	0.1%	31.3% 32.5%	54.3 54.3	54.4 54.3	0.1	0.1%	31.3% 32.5%	56.9 56.8	56.8 56.7	-0.1 -0.1	-0.2% -0.3%
33.8%	48.9	48.9	0.0	0.0%	33.8%	51.3	51.2	0.0	0.0%	33.8%	54.2	54.3	0.1	0.2%	33.8%	56.8	56.5	-0.2	-0.4%
35.0%	48.8	48.9	0.1	0.1%	35.0%	51.2	51.1	-0.1	-0.2%	35.0%	54.2	54.1	-0.1	-0.2%	35.0%	56.6	56.5	-0.1	-0.2%
36.3% 37.5%	48.7 48.6	48.8 48.8	0.1	0.2%	36.3% 37.5%	51.2 51.2	51.1 51.0	-0.1 -0.2	-0.3% -0.4%	36.3% 37.5%	54.2 53.9	54.0 54.0	-0.2 0.1	-0.3% 0.3%	36.3% 37.5%	56.4 56.3	56.3 56.3	0.0 -0.1	-0.1% -0.1%
38.8%	48.6	48.7	0.2	0.0%	38.8%	51.2	50.9	-0.2	-0.6%	38.8%	53.8	53.9	0.0	0.3%	38.8%	56.2	56.0	-0.1	-0.1%
40.0%	48.6	48.6	0.0	0.0%	40.0%	51.2	50.9	-0.3	-0.6%	40.0%	53.8	53.8	0.0	0.1%	40.0%	55.7	55.8	0.1	0.2%
41.3%	48.6	48.6	0.0	0.0%	41.3%	51.0	50.8	-0.2	-0.4%	41.3%	53.7	53.8	0.1	0.1%	41.3%	55.3	55.6	0.3	0.5%
42.5% 43.8%	48.5 48.5	48.5 48.5	0.0	0.0%	42.5% 43.8%	51.0 50.9	50.8 50.8	-0.1 -0.1	-0.2% -0.1%	42.5% 43.8%	53.5 53.5	53.8 53.7	0.2	0.4%	42.5% 43.8%	55.2 55.1	55.3 55.3	0.2	0.3%
45.0%	48.5	48.5	0.0	0.1%	45.0%	50.9	50.8	-0.1	-0.1%	45.0%	53.5	53.7	0.2	0.4%	45.0%	55.1	55.1	0.2	0.1%
46.3%	48.4	48.4	0.0	0.0%	46.3%	50.8	50.8	0.0	-0.1%	46.3%	53.5	53.6	0.1	0.2%	46.3%	55.0	55.1	0.0	0.1%
47.5%	48.4	48.4	0.0	0.0%	47.5%	50.7	50.7	0.0	0.0%	47.5%	53.5	53.6	0.1	0.2%	47.5%	55.0	55.0	0.0	0.1%
48.8% 50.0%	48.4 48.4	48.4 48.3	0.0	0.0% -0.1%	48.8% 50.0%	50.6 50.6	50.7 50.7	0.0	0.1%	48.8% 50.0%	53.4 53.4	53.5 53.5	0.1 0.1	0.2%	48.8% 50.0%	54.9 54.8	55.0 54.9	0.1	0.2%
51.3%	48.4	48.3	-0.1	-0.1%	51.3%	50.6	50.6	0.0	0.1%	51.3%	53.4	53.4	0.0	0.1%	51.3%	54.8	54.8	0.0	0.0%
52.5%	48.3	48.2	-0.1	-0.3%	52.5%	50.6	50.6	0.0	0.1%	52.5%	53.3	53.4	0.1	0.2%	52.5%	54.7	54.8	0.1	0.2%
53.8% 55.0%	48.3 48.3	48.2 48.1	-0.1	-0.2% -0.3%	53.8%	50.5 50.4	50.5 50.5	0.1 0.1	0.1%	53.8% 55.0%	53.3 53.2	53.4 53.4	0.1	0.3%	53.8%	54.7 54.7	54.8 54.7	0.1	0.2%
56.3%	48.2	48.1	-0.2 -0.1	-0.2%	55.0% 56.3%	50.4	50.5	0.1	0.2%	56.3%	53.2	53.4	0.2	0.2%	55.0% 56.3%	54.6	54.7	0.0	0.0%
57.5%	48.1	48.0	0.0	-0.1%	57.5%	50.3	50.4	0.0	0.1%	57.5%	53.1	53.3	0.2	0.4%	57.5%	54.5	54.7	0.1	0.2%
58.8%	48.0	48.0	0.0	0.0%	58.8%	50.3	50.4	0.0	0.1%	58.8%	53.1	53.2	0.2	0.3%	58.8%	54.4	54.6	0.2	0.3%
60.0% 61.3%	48.0 48.0	48.0 47.9	0.0 -0.1	0.0% -0.1%	60.0% 61.3%	50.3 50.2	50.3 50.3	0.1 0.1	0.2%	60.0% 61.3%	53.0 53.0	53.2 53.2	0.2	0.4%	60.0% 61.3%	54.4 54.2	54.5 54.5	0.2	0.3% 0.6%
62.5%	48.0	47.8	-0.1	-0.1%	62.5%	50.2	50.3	0.1	0.1%	62.5%	52.9	53.1	0.3	0.3%	62.5%	54.1	54.3	0.3	0.3%
63.8%	47.9	47.8	0.0	-0.1%	63.8%	50.2	50.2	0.0	0.0%	63.8%	52.8	53.1	0.2	0.4%	63.8%	54.1	54.2	0.2	0.3%
65.0%	47.7	47.8	0.1	0.1%	65.0%	50.1	50.2	0.1	0.1%	65.0%	52.8	52.9	0.1	0.2%	65.0%	54.0	54.1	0.1	0.2%
66.3% 67.5%	47.5 47.5	47.7 47.7	0.1	0.3%	66.3% 67.5%	50.1 50.0	50.2 50.2	0.1 0.2	0.2%	66.3% 67.5%	52.8 52.7	52.9 52.8	0.1 0.1	0.2%	66.3% 67.5%	54.0 54.0	54.1 54.1	0.1	0.2% 0.1%
68.8%	47.5	47.5	0.0	0.1%	68.8%	49.9	50.2	0.2	0.4%	68.8%	52.7	52.8	0.2	0.3%	68.8%	53.8	54.0	0.2	0.3%
70.0%	47.4	47.5	0.1	0.2%	70.0%	49.9	50.1	0.2	0.4%	70.0%	52.7	52.8	0.1	0.2%	70.0%	53.8	54.0	0.2	0.3%
71.3% 72.5%	47.4 47.3	47.5 47.5	0.1	0.2%	71.3% 72.5%	49.7 49.7	50.0 50.0	0.3	0.6%	71.3% 72.5%	52.6 52.5	52.8 52.7	0.2	0.3%	71.3% 72.5%	53.7 53.7	54.0 53.8	0.2	0.4% 0.4%
72.5%	47.3 47.3	47.5 47.4	0.1	0.2%	72.5% 73.8%	49.7 49.7	50.0 50.0	0.3	0.6%	72.5% 73.8%	52.5 52.5	52.7 52.7	0.2	0.3%	72.5% 73.8%	53.7 53.6	53.8 53.8	0.2	0.4%
75.0%	47.3	47.4	0.1	0.2%	75.0%	49.7	49.8	0.1	0.2%	75.0%	52.5	52.5	0.1	0.2%	75.0%	53.6	53.6	0.0	0.1%
76.3%	47.3	47.3	0.1	0.2%	76.3%	49.6	49.8	0.2	0.3%	76.3%	52.3	52.5	0.1	0.2%	76.3%	53.6	53.6	0.0	0.1%
77.5% 78.8%	47.1 47.1	47.3 47.1	0.2 0.1	0.4%	77.5% 78.8%	49.5 49.5	49.6 49.5	0.0	0.0%	77.5% 78.8%	52.3 52.3	52.4 52.3	0.1 0.1	0.2%	77.5% 78.8%	53.5 53.5	53.6 53.6	0.0 0.1	0.1% 0.1%
80.0%	47.1	47.1	0.0	0.1%	80.0%	49.5	49.5	0.0	0.1%	80.0%	52.3	52.3	0.0	0.1%	80.0%	53.5	53.5	0.0	0.1%
81.3%	47.0	47.0	0.0	-0.1%	81.3%	49.5	49.5	0.0	0.0%	81.3%	52.2	52.2	0.0	0.1%	81.3%	53.5	53.5	0.0	0.0%
82.5%	46.8	46.8	0.0	0.0%	82.5%	49.4	49.4	0.0	0.0%	82.5%	52.2	52.1	-0.1	-0.2%	82.5%	53.4	53.4	0.0	0.0%
83.8% 85.0%	46.8 46.7	46.8 46.7	0.0	0.1%	83.8% 85.0%	49.2 49.1	49.2 49.2	0.1 0.1	0.2%	83.8% 85.0%	52.1 52.0	52.1 51.9	0.0 -0.1	-0.2%	83.8% 85.0%	53.4 53.3	53.3 53.3	-0.1 0.0	-0.1% 0.1%
86.3%	46.7	46.6	-0.1	-0.2%	86.3%	49.1	49.2	0.1	0.1%	86.3%	51.8	51.8	0.0	0.0%	86.3%	53.2	53.3	0.0	0.1%
87.5%	46.5	46.5	0.0	0.0%	87.5%	49.1	49.2	0.1	0.2%	87.5%	51.8	51.8	0.0	0.0%	87.5%	53.0	53.1	0.0	0.0%
88.8%	46.4	46.4	0.0	0.0%	88.8%	49.1	49.1	0.0	0.1%	88.8%	51.7	51.6	0.0	-0.1%	88.8%	52.9	53.0	0.1	0.2%
90.0% 91.3%	46.3 46.3	46.3 46.2	0.0 -0.1	0.0% -0.1%	90.0% 91.3%	49.0 48.8	49.0 48.7	0.0 -0.1	0.0% -0.2%	90.0% 91.3%	51.6 51.5	51.6 51.4	0.0 -0.1	0.0% -0.1%	90.0% 91.3%	52.8 52.8	52.9 52.8	0.1	0.2%
92.5%	46.1	46.1	0.0	0.0%	92.5%	48.8	48.7	-0.1	-0.2%	92.5%	51.4	51.4	0.0	-0.1%	92.5%	52.7	52.6	-0.1	-0.2%
93.8%	46.0	45.9	-0.1	-0.2%	93.8%	48.7	48.6	-0.1	-0.1%	93.8%	51.3	51.4	0.1	0.1%	93.8%	52.6	52.6	0.0	0.0%
95.0%	45.8	45.9	0.1	0.2%	95.0%	48.5	48.5	0.1	0.1%	95.0%	51.2	51.1	-0.1	-0.3%	95.0%	52.5	52.3	-0.3	-0.5%
96.3% 97.5%	45.8 45.5	45.4 45.3	-0.4 -0.2	-0.9% -0.4%	96.3% 97.5%	48.3 48.3	48.5 48.3	0.2	0.3%	96.3% 97.5%	51.2 51.0	51.1 50.9	-0.1 -0.1	-0.2% -0.2%	96.3% 97.5%	52.3 52.2	52.2 52.1	-0.1 -0.1	-0.2% -0.2%
98.8%	45.2	45.3	0.1	0.1%	98.8%	48.2	48.3	0.1	0.2%	98.8%	50.9	50.7	-0.2	-0.4%	98.8%	52.1	51.7	-0.4	-0.7%
100.0%	45.1	45.2	0.1	0.3%	100.0%	48.0	48.0	0.0	0.0%	100.0%	50.6	50.6	0.0	0.0%	100.0%	51.4	51.3	-0.1	-0.3%

Table SQ-39-4b American River below Nimbus Dam, Monthly Temperature Probability of Exceedance

									Probability	of Exceedance									
Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative
Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)
0.0%	69.5	68.8	-0.7	-1.0%	0.0%	76.1	75.5	-0.6	-0.7%	0.0%	76.7	75.4	-1.3	-1.6%	0.0%	72.5	71.3	-1.2	-1.6%
1.3%	67.8	68.8	1.0	1.5%	1.3%	69.5	71.2	1.7	2.5%	1.3%	72.8	71.1	-1.8	-2.4%	1.3%	71.5	70.0	-1.5	-2.0%
2.5% 3.8%	67.2 66.0	68.3 64.7	1.1 -1.3	1.7%	2.5% 3.8%	69.2 67.8	70.1 66.6	0.9 -1.2	1.3% -1.8%	2.5% 3.8%	71.4 68.7	69.6 67.5	-1.8 -1.2	-2.5% -1.8%	2.5% 3.8%	70.8 68.7	68.2 67.8	-2.7 -0.9	-3.7% -1.3%
5.0%	64.6	64.4	-0.2	-0.3%	5.0%	67.5	66.3	-1.2	-1.7%	5.0%	68.3	66.4	-1.2	-2.7%	5.0%	67.5	67.4	-0.9	-0.1%
6.3%	62.8	63.5	0.8	1.2%	6.3%	66.7	65.2	-1.4	-2.2%	6.3%	67.8	66.4	-1.4	-2.1%	6.3%	67.4	66.3	-1.1	-1.7%
7.5%	62.4	62.3	-0.1	-0.2%	7.5%	65.5	65.1	-0.4	-0.6%	7.5%	65.7	65.1	-0.6	-0.9%	7.5%	66.4	66.0	-0.4	-0.6%
8.8% 10.0%	62.0 61.7	62.3 62.1	0.3 0.4	0.5%	8.8% 10.0%	64.2 63.9	64.6 63.9	0.3	0.5%	8.8% 10.0%	65.5 65.2	64.6 64.3	-0.8 -0.9	-1.3% -1.4%	8.8% 10.0%	66.3 66.2	65.2 64.8	-1.2 -1.4	-1.8% -2.1%
11.3%	61.2	61.3	0.1	0.2%	11.3%	63.9	63.8	0.0	-0.1%	11.3%	65.0	64.2	-0.8	-1.3%	11.3%	65.5	64.7	-0.8	-1.3%
12.5%	61.0	61.2	0.2	0.3%	12.5%	63.8	63.6	-0.1	-0.2%	12.5%	64.2	63.9	-0.2	-0.4%	12.5%	65.0	64.6	-0.4	-0.6%
13.8% 15.0%	61.0 60.9	61.1 61.0	0.1 0.1	0.1%	13.8% 15.0%	63.6 63.3	63.3 63.1	-0.2 -0.1	-0.4% -0.2%	13.8% 15.0%	64.0 63.9	63.6 63.4	-0.4 -0.5	-0.6% -0.8%	13.8% 15.0%	64.9 64.6	64.4 64.2	-0.5 -0.4	-0.7% -0.6%
16.3%	60.8	60.9	0.1	0.3%	16.3%	63.1	63.0	-0.1	-0.2%	16.3%	63.8	63.3	-0.5	-0.7%	16.3%	64.2	64.0	-0.2	-0.3%
17.5%	60.7	60.9	0.2	0.3%	17.5%	63.0	62.6	-0.4	-0.6%	17.5%	63.8	63.2	-0.6	-0.9%	17.5%	63.3	64.0	0.7	1.1%
18.8% 20.0%	60.7 60.6	60.8 60.8	0.1	0.2%	18.8% 20.0%	63.0 62.7	62.5 62.3	-0.5 -0.4	-0.7% -0.6%	18.8% 20.0%	63.6 63.4	63.2 63.1	-0.5 -0.2	-0.7% -0.4%	18.8% 20.0%	63.3 63.1	63.6 63.5	0.3 0.5	0.5% 0.7%
21.3%	60.6	60.8	0.2	0.3%	21.3%	62.4	62.3	-0.4	-0.2%	21.3%	63.3	63.0	-0.2	-0.4%	21.3%	63.0	63.2	0.5	0.7%
22.5%	60.5	60.8	0.3	0.5%	22.5%	62.2	62.1	-0.1	-0.2%	22.5%	63.1	63.0	-0.2	-0.3%	22.5%	63.0	62.6	-0.4	-0.6%
23.8%	60.3	60.7	0.3	0.5%	23.8%	61.9	62.0	0.1	0.2%	23.8%	63.0	62.9	-0.1	-0.1%	23.8%	62.8	62.5	-0.3	-0.5%
25.0% 26.3%	60.3 60.2	60.5 60.4	0.3	0.5%	25.0% 26.3%	61.9 61.7	61.6 61.6	-0.2 0.0	-0.4% 0.0%	25.0% 26.3%	63.0 62.9	62.8 62.8	-0.2 -0.2	-0.2% -0.3%	25.0% 26.3%	62.8 62.7	62.5 62.5	-0.3 -0.3	-0.5% -0.4%
27.5%	60.0	60.3	0.2	0.4%	27.5%	61.7	61.6	-0.1	-0.1%	27.5%	62.7	62.8	0.0	0.1%	27.5%	62.6	62.5	-0.3	-0.4%
28.8%	59.7	59.8	0.2	0.3%	28.8%	61.6	61.6	0.0	0.0%	28.8%	62.7	62.6	-0.1	-0.2%	28.8%	62.5	62.4	-0.1	-0.1%
30.0%	59.6	59.7	0.2	0.3%	30.0%	61.5	61.5	0.0	0.0%	30.0%	62.7	62.5	-0.2	-0.3%	30.0%	62.4	62.3	-0.1	-0.2%
31.3% 32.5%	59.4 59.4	59.7 59.6	0.3	0.4%	31.3% 32.5%	61.5 61.4	61.5 61.4	0.0	0.0%	31.3% 32.5%	62.6 62.4	62.4 62.3	-0.3 -0.1	-0.4% -0.1%	31.3% 32.5%	62.3 62.3	62.3 62.3	0.0	0.0%
33.8%	59.0	59.5	0.5	0.8%	33.8%	61.4	61.3	-0.1	-0.1%	33.8%	62.4	62.3	0.0	-0.1%	33.8%	62.2	62.2	0.0	0.0%
35.0%	58.9	59.5	0.5	0.9%	35.0%	61.4	61.3	-0.1	-0.1%	35.0%	62.3	62.2	-0.1	-0.2%	35.0%	62.2	62.1	-0.1	-0.1%
36.3%	58.8	59.1	0.3	0.6%	36.3%	61.4	61.3	-0.1	-0.1%	36.3%	62.3	62.2	-0.1	-0.2%	36.3%	62.1	62.0	-0.1	-0.2%
37.5% 38.8%	58.5 58.5	58.7 58.4	0.2	0.4%	37.5% 38.8%	61.3 61.3	61.2 61.2	-0.1 -0.1	-0.1% -0.2%	37.5% 38.8%	62.1 62.1	62.2 62.0	0.1 -0.1	0.1% -0.1%	37.5% 38.8%	62.1 62.1	62.0 62.0	-0.1 -0.1	-0.1% -0.2%
40.0%	58.3	58.3	0.0	0.0%	40.0%	61.3	61.2	-0.1	-0.2%	40.0%	62.0	62.0	0.0	0.0%	40.0%	62.1	62.0	-0.1	-0.2%
41.3%	58.3	58.3	0.0	0.1%	41.3%	61.3	61.1	-0.2	-0.3%	41.3%	62.0	62.0	0.0	0.1%	41.3%	61.9	61.9	0.0	0.0%
42.5%	58.2	58.0	-0.1	-0.2%	42.5%	61.2	61.0	-0.1	-0.2%	42.5%	61.9	62.0	0.1	0.1%	42.5%	61.9	61.9	0.0	0.0%
43.8% 45.0%	57.9 57.6	58.0 57.9	0.0	0.1%	43.8% 45.0%	61.2 61.1	61.0 61.0	-0.1 -0.1	-0.2% -0.2%	43.8% 45.0%	61.9 61.9	62.0 61.9	0.1	0.1%	43.8% 45.0%	61.9 61.8	61.9 61.8	0.0	0.0%
46.3%	57.5	57.9	0.4	0.7%	46.3%	61.0	60.7	-0.4	-0.6%	46.3%	61.9	61.9	0.0	0.1%	46.3%	61.8	61.8	0.0	0.0%
47.5%	57.4	57.8	0.3	0.6%	47.5%	61.0	60.6	-0.4	-0.6%	47.5%	61.8	61.8	0.0	0.0%	47.5%	61.7	61.8	0.0	0.1%
48.8% 50.0%	57.3 57.3	57.6 57.5	0.3	0.5%	48.8% 50.0%	61.0 61.0	60.5 60.5	-0.4 -0.4	-0.7% -0.7%	48.8% 50.0%	61.8 61.8	61.7 61.6	-0.1 -0.2	-0.1% -0.3%	48.8% 50.0%	61.7 61.7	61.8 61.7	0.0	0.1%
51.3%	57.3 57.3	57.5 57.4	0.2	0.4%	51.3%	60.9	60.5	-0.4	-0.7%	51.3%	61.8	61.3	-0.2	-0.7%	51.3%	61.7	61.6	-0.1	-0.2%
52.5%	57.3	57.4	0.2	0.3%	52.5%	60.8	60.5	-0.4	-0.6%	52.5%	61.8	61.3	-0.4	-0.7%	52.5%	61.6	61.5	-0.1	-0.1%
53.8%	57.2	57.4	0.2	0.3%	53.8%	60.6	60.3	-0.3	-0.5%	53.8%	61.5	61.3	-0.3	-0.4%	53.8%	61.5	61.4	-0.1	-0.1%
55.0% 56.3%	57.2 57.2	57.3 57.3	0.1	0.2%	55.0% 56.3%	60.5 60.3	60.3 60.3	-0.3 0.0	-0.4% 0.0%	55.0% 56.3%	61.5 61.4	61.3 61.2	-0.3 -0.2	-0.4% -0.3%	55.0% 56.3%	61.5 61.5	61.3 61.3	-0.2 -0.2	-0.3% -0.3%
57.5%	57.1	57.2	0.1	0.2%	57.5%	60.3	60.3	0.0	0.0%	57.5%	61.4	61.2	-0.2	-0.3%	57.5%	61.5	61.3	-0.2	-0.3%
58.8%	57.1	57.2	0.2	0.3%	58.8%	60.3	60.1	-0.2	-0.3%	58.8%	61.3	61.2	-0.2	-0.2%	58.8%	61.5	61.3	-0.2	-0.3%
60.0%	57.0	57.2 57.1	0.1	0.2%	60.0%	60.2 60.1	60.1 60.0	-0.2	-0.3%	60.0%	61.3	61.1 61.0	-0.2 -0.2	-0.4%	60.0%	61.4 61.4	61.3 61.2	-0.2	-0.3%
61.3% 62.5%	57.0 57.0	57.1 57.1	0.1	0.1% 0.1%	61.3% 62.5%	60.0	60.0	-0.1 0.0	-0.1% -0.1%	61.3% 62.5%	61.3 61.2	61.0	-0.2	-0.4% -0.4%	61.3% 62.5%	61.4	61.2	-0.2 0.0	-0.3% 0.0%
63.8%	56.8	57.0	0.2	0.4%	63.8%	60.0	60.0	-0.1	-0.1%	63.8%	61.2	60.8	-0.4	-0.6%	63.8%	61.1	61.0	-0.1	-0.2%
65.0%	56.8	57.0	0.2	0.3%	65.0%	60.0	59.9	-0.1	-0.1%	65.0%	61.2	60.8	-0.4	-0.7%	65.0%	61.0	61.0	-0.1	-0.1%
66.3% 67.5%	56.8 56.7	56.9 56.9	0.2	0.3%	66.3% 67.5%	59.9 59.9	59.9 59.9	0.0	-0.1% -0.1%	66.3% 67.5%	61.1 61.1	60.8 60.8	-0.4 -0.4	-0.6% -0.6%	66.3% 67.5%	60.9 60.7	60.9 60.8	0.0	0.0%
68.8%	56.7	56.8	0.2	0.3%	68.8%	59.9	59.8	0.0	-0.1%	68.8%	61.1	60.7	-0.4	-0.5%	68.8%	60.7	60.7	0.1	0.1%
70.0%	56.6	56.7	0.1	0.2%	70.0%	59.9	59.8	-0.1	-0.1%	70.0%	60.9	60.6	-0.3	-0.5%	70.0%	60.7	60.7	0.0	0.0%
71.3%	56.6	56.7	0.2	0.3%	71.3%	59.8	59.8	-0.1	-0.1%	71.3%	60.8	60.6	-0.2	-0.3%	71.3%	60.6	60.7	0.0	0.1%
72.5% 73.8%	56.5 56.4	56.6 56.5	0.0	0.1%	72.5% 73.8%	59.8 59.7	59.8 59.8	0.0	0.0%	72.5% 73.8%	60.7 60.7	60.6 60.6	-0.1 -0.1	-0.2% -0.2%	72.5% 73.8%	60.6 60.6	60.6 60.5	0.0 -0.1	0.0% -0.1%
75.0%	56.3	56.4	0.1	0.2%	75.0%	59.7	59.5	-0.2	-0.3%	75.0%	60.6	60.4	-0.1	-0.4%	75.0%	60.6	60.5	-0.1	-0.1%
76.3%	56.2	56.3	0.0	0.1%	76.3%	59.7	59.5	-0.2	-0.4%	76.3%	60.6	60.3	-0.3	-0.4%	76.3%	60.6	60.5	-0.1	-0.2%
77.5%	56.1 56.1	56.3	0.1	0.2%	77.5%	59.6	59.4	-0.2	-0.3%	77.5%	60.6	60.3	-0.3	-0.5%	77.5%	60.5	60.3	-0.3	-0.4%
78.8% 80.0%	56.1 56.0	56.2 56.1	0.1	0.2%	78.8% 80.0%	59.4 59.3	59.4 59.4	0.0	0.0%	78.8% 80.0%	60.5 60.4	60.3 60.2	-0.2 -0.2	-0.3% -0.3%	78.8% 80.0%	60.3 60.3	60.3	-0.1 -0.1	-0.1% -0.1%
81.3%	55.9	55.9	0.0	0.0%	81.3%	59.3	59.3	-0.1	-0.1%	81.3%	60.2	60.1	-0.1	-0.2%	81.3%	60.3	60.2	0.0	-0.1%
82.5%	55.9	55.9	0.0	0.1%	82.5%	59.3	59.3	-0.1	-0.1%	82.5%	60.1	60.1	0.0	0.0%	82.5%	60.2	60.2	0.0	-0.1%
83.8%	55.9	55.9	0.0	0.0%	83.8%	59.3	59.2	0.0	-0.1%	83.8%	60.0	60.0	0.0	0.0%	83.8%	60.2	60.1	-0.1	-0.1%
85.0% 86.3%	55.8 55.8	55.9 55.8	0.0	0.0%	85.0% 86.3%	59.2 59.1	59.2 59.2	0.0 0.1	0.1%	85.0% 86.3%	59.9 59.8	60.0 59.9	0.1 0.1	0.2%	85.0% 86.3%	60.1 60.0	60.1 60.0	0.0	-0.1% 0.0%
87.5%	55.7	55.7	0.0	0.0%	87.5%	59.1	59.0	-0.1	-0.2%	87.5%	59.8	59.8	0.0	0.1%	87.5%	60.0	60.0	0.0	0.0%
88.8%	55.6	55.6	0.0	0.0%	88.8%	59.0	58.9	-0.1	-0.2%	88.8%	59.6	59.8	0.2	0.4%	88.8%	60.0	60.0	0.0	0.0%
90.0%	55.5 EE E	55.6 EE 4	0.1	0.2%	90.0%	59.0	58.9	-0.1	-0.1%	90.0%	59.5	59.7	0.2	0.3%	90.0%	60.0	60.0	0.0	-0.1%
91.3% 92.5%	55.5 55.4	55.4 55.4	0.0	-0.1% 0.0%	91.3% 92.5%	59.0 58.7	58.6 58.6	-0.3 -0.1	-0.5% -0.2%	91.3% 92.5%	59.5 59.5	59.6 59.5	0.1	0.2%	91.3% 92.5%	59.7 59.7	59.8 59.8	0.1	0.2%
93.8%	55.2	55.1	0.0	-0.1%	93.8%	58.6	58.5	-0.1	-0.1%	93.8%	59.4	59.4	0.0	0.0%	93.8%	59.5	59.4	0.0	0.0%
95.0%	55.1	55.1	0.0	0.1%	95.0%	58.4	58.3	-0.1	-0.1%	95.0%	59.2	59.3	0.1	0.2%	95.0%	59.4	59.4	0.0	0.0%
96.3% 97.5%	54.6 54.2	54.5 54.0	-0.1 -0.2	-0.2%	96.3% 97.5%	57.7 57.5	57.7 57.5	-0.1	-0.1% -0.1%	96.3% 97.5%	58.9 58.8	59.0 58.7	0.1 -0.1	0.2% -0.2%	96.3% 97.5%	59.4 59.4	59.1 58.9	-0.3 -0.4	-0.5%
97.5%	54.2 54.1	54.0 54.0	-0.2	-0.3% -0.2%	97.5%	57.5 56.8	57.5 56.7	-0.1 -0.1	-0.1%	97.5%	58.8 58.8	58.7 58.7	-0.1	-0.2%	97.5%	59.4 58.9	58.9	-0.4	-0.7% -0.2%
100.0%	53.6	53.6	0.0	-0.1%	100.0%	56.3	56.2	0.0	0.0%	100.0%	58.7	58.6	-0.1	-0.1%	100.0%	58.0	58.7	0.7	1.3%

Table SQ-40-4a American River at Watt Avenue, Monthly Temperature

		Long-	term Aver	age and A	verage by	y Water Ye	ar Type					
					Mon	thly Temp	erature (D	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	61.4	56.0	50.7	47.5	48.9	52.6	56.0	58.6	61.6	64.4	65.7	64.9
Alternative D	61.1	56.0	50.8	47.6	48.9	52.6	56.1	58.7	61.7	64.4	65.4	64.8
Difference	-0.3	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.2	0.0	-0.3	-0.1
Percent Difference ³	-0.5%	0.1%	0.3%	0.1%	0.0%	0.0%	0.2%	0.0%	0.3%	0.0%	-0.4%	-0.2%
				Water Y	ear Types	2						
Wet (32%)												
No Action Alternative	60.1	56.1	51.4	47.8	48.6	51.4	54.4	55.8	58.6	62.6	63.7	63.1
Alternative D	59.8	56.2	51.5	47.8	48.6	51.4	54.4	55.7	58.6	62.6	63.6	63.3
Difference	-0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1
Percent Difference	-0.5%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	-0.2%	0.2%
Above Normal (15%)												
No Action Alternative	60.2	55.5	50.5	47.8	48.4	51.6	55.1	57.4	60.4	63.2	64.4	63.5
Alternative D	59.9	55.7	50.7	47.9	48.4	51.7	55.2	57.4	60.5	63.2	64.1	63.5
Difference	-0.3	0.2	0.2	0.1	0.0	0.1	0.1	0.1	0.1	-0.1	-0.2	0.0
Percent Difference	-0.6%	0.3%	0.4%	0.1%	0.1%	0.2%	0.2%	0.1%	0.2%	-0.1%	-0.4%	0.0%
Below Normal (17%)												
No Action Alternative	60.8	56.2	51.1	47.3	48.3	52.6	56.1	58.3	61.3	63.5	64.9	64.1
Alternative D	60.7	56.1	51.2	47.4	48.3	52.6	56.0	58.2	61.3	63.5	64.6	64.0
Difference	-0.1	0.0	0.1	0.0	0.0	0.0	-0.1	-0.1	0.1	0.0	-0.3	-0.1
Percent Difference	-0.2%	-0.1%	0.2%	0.1%	0.0%	0.0%	-0.2%	-0.2%	0.1%	0.0%	-0.5%	-0.2%
Dry (22%)												
No Action Alternative	62.6	55.9	50.4	47.4	49.5	53.4	57.1	60.5	63.0	64.9	66.2	65.6
Alternative D	62.1	55.9	50.6	47.5	49.5	53.5	57.4	61.0	63.6	64.8	65.9	65.4
Difference	-0.4	0.1	0.2	0.1	0.0	0.1	0.2	0.4	0.6	-0.1	-0.3	-0.2
Percent Difference	-0.7%	0.2%	0.4%	0.2%	0.0%	0.2%	0.4%	0.7%	1.0%	-0.1%	-0.5%	-0.3%
Critical (15%)												
No Action Alternative	64.6	56.0	49.0	47.2	49.9	54.9	58.9	63.7	67.2	69.7	71.4	70.0
Alternative D	64.3	56.0	49.1	47.3	50.0	54.8	59.2	63.3	67.3	69.8	70.9	69.3
Difference	-0.2	0.1	0.1	0.1	0.1	-0.1	0.2	-0.4	0.0	0.0	-0.5	-0.7
Percent Difference	-0.4%	0.1%	0.2%	0.2%	0.2%	-0.1%	0.4%	-0.6%	0.1%	0.0%	-0.6%	-1.09

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

3 Relative difference of the monthly average



Oct

Nov

Dec

Jan

Feb

Mar

Apr

May

Figure SQ-40-4b

American River at Watt Avenue, Monthly Temperature
Probability of Exceedance

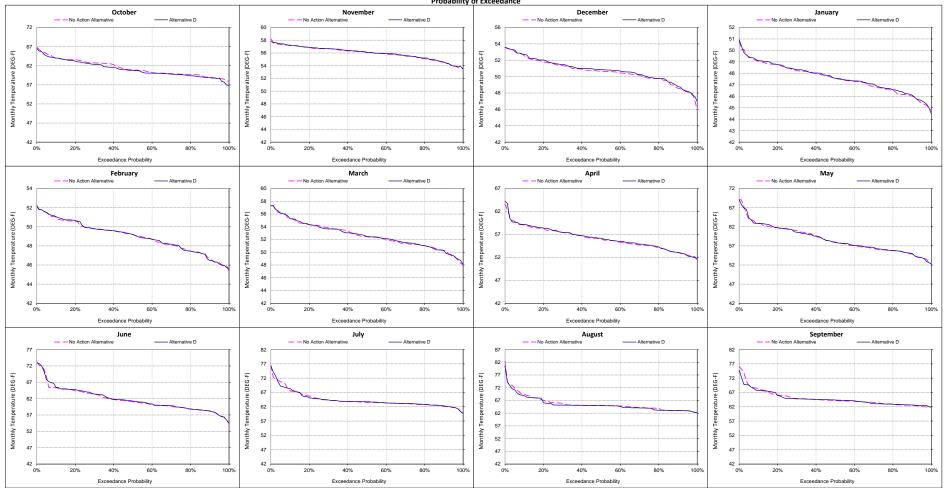


Table SQ-40-4b American River at Watt Avenue, Monthly Temperature Probability of Exceedance

Percent Exceedance Probability (%) Monthly Temperature (DEG-F)	me Monthly Temperature (DEG-F)	Absolute Difference (DEG-F) -0.3 -0.4 -0.6 -0.6 -0.4 -0.4 -0.1 -0.0 0.0 0.0 -0.2 -0.3 -0.2	0.5% -0.5% -0.5% -0.7% -0.7% -0.7% -0.9% -0.9% -0.1% -0.1% -0.1% -0.1% -0.1% -0.1% -0.0% -0.0% -0.0% -0.0% -0.4% -0.4%	Percent Exceedance Probability (%) 0.0% 1.3% 2.5% 5.0% 6.3% 7.5% 10.0% 13.8% 10.0% 13.8% 10.0% 13.8% 10.0% 13.8% 10.0% 13.8% 10.0% 13.8% 10.0% 13.8% 10.0% 13.8% 10.0% 13.8% 10.0% 13.8% 10.0% 13.8% 10.0% 13.8% 10.0% 1	No Action Alternative Monthly Temperature (DEG-F) 58.2 57.6 57.5 57.4 57.3 57.3 57.3 57.2 57.2 57.2 57.2 57.2 57.2	November Alternative D Monthly Temperature (DEG-F) 57.8 57.7 57.6 57.5 57.4 57.4 57.3 57.2 57.2 57.2 57.2	Absolute Difference (DEG-F) -0.4 0.1 0.2 0.1 0.1 0.1 0.1	Relative Difference (%) -0.8% 0.1% 0.3% 0.2% 0.2% 0.2%	Percent Exceedance Probability (%) 0.0% 1.3% 2.5% 3.8% 5.0%	No Action Alternative Monthly Temperature (DEG-F) 53.6 53.4 53.4 53.3	Alternative D Monthly Temperature (DEG-F) 53.6 53.5 53.3	Absolute Difference (DEG-F) 0.0 0.1 0.0	Relative Difference (%) 0.0% 0.2%	Percent Exceedance Probability (%) 0.0% 1.3%	No Action Alternative Monthly Temperature (DEG-F) 50.8 50.1	Alternative D Monthly Temperature (DEG-F) 50.9 50.3	Absolute Difference (DEG-F) 0.1 0.2	Relative Difference (%)
Exceedance Probability (%) (DEG-F) (DE	me Monthly Temperature (DEG-F)	Difference (DEG-F) -0.3 -0.4 -0.6 -0.6 -0.4 -0.1 -0.1 -0.0 -0.1 -0.0 -0.2 -0.3 -0.2	Difference (%) -0.5% -0.7% -0.7% -0.9% -0.9% -0.9% -0.9% -0.1% -0.1% -0.1% -0.1% -0.1% -0.0%	Exceedance Probability (%) 0.0% 1.3% 2.5% 3.8% 5.0% 6.3% 7.5% 8.8% 10.0% 11.3% 12.5% 13.8%	Monthly Temperature (DEG-F) 5.2. 57.6 57.5 57.4 57.3 57.3 57.2 57.2 57.2 57.2	Monthly Temperature (DEG-F) 57.8 57.7 57.6 57.5 57.4 57.4 57.3 57.2 57.2	Difference (DEG-F) -0.4 0.1 0.2 0.1 0.1 0.1 0.1 0.1	-0.8% 0.1% 0.3% 0.2% 0.2% 0.2%	Probability (%) 0.0% 1.3% 2.5% 3.8%	Monthly Temperature (DEG-F) 53.6 53.4 53.4	Monthly Temperature (DEG-F) 53.6 53.5	Difference (DEG-F) 0.0 0.1	Difference (%)	Exceedance Probability (%) 0.0%	Monthly Temperature (DEG-F) 50.8	Monthly Temperature (DEG-F) 50.9	Difference (DEG-F)	Difference (%)
(%) (DEG-F) 0.0% 66.9 1.3% 66.2 2.5% 65.7 3.8% 65.5 5.0% 65.2 6.3% 64.8 7.5% 64.7 8.8% 64.2 10.0% 64.0 11.3% 63.9 12.5% 63.8 13.8% 63.7 15.0% 63.7 16.3% 63.6 17.5% 63.6 18.8% 63.6 21.3% 63.6 3.5 21.3% 63.6	(DEG-F) 66.5 65.8 65.7 65.0 64.6 64.3 64.3 64.1 64.0 63.8 63.7 63.6 63.4 63.4 63.3 63.2 63.0	(DEG-F) -0.3 -0.4 -0.0 -0.6 -0.6 -0.4 -0.1 -0.0 0.1 -0.0 -0.2 -0.3	0.5% -0.5% -0.5% -0.7% -0.7% -0.7% -0.9% -0.9% -0.1% -0.1% -0.1% -0.1% -0.1% -0.1% -0.0% -0.0% -0.0% -0.0% -0.4% -0.4%	(%) 0.0% 1.3% 2.5% 3.8% 5.0% 6.3% 7.5% 8.8% 10.0% 11.3% 12.5% 13.8%	(DEG-F) 58.2 57.6 57.5 57.4 57.3 57.3 57.3 57.2 57.2 57.2 57.2	(DEG-F) 57.8 57.7 57.6 57.5 57.4 57.4 57.3 57.2 57.2	(DEG-F) -0.4 0.1 0.2 0.1 0.1 0.1 0.1 0.1 0.0	-0.8% 0.1% 0.3% 0.2% 0.2%	(%) 0.0% 1.3% 2.5% 3.8%	(DEG-F) 53.6 53.4 53.4	(DEG-F) 53.6 53.5	0.0 0.1	0.0%	0.0%	(DEG-F) 50.8	(DEG-F) 50.9	(DEG-F) 0.1	0.2%
0.0% 66.9 1.3% 66.2 2.5% 66.7 3.8% 65.5 5.0% 65.2 6.3% 64.8 7.5% 64.7 8.8% 64.2 10.0% 64.0 11.3% 63.9 12.5% 63.8 13.8% 63.7 15.0% 63.7 16.3% 63.6 18.8% 63.5 21.3% 63.6 3.7 3.8% 63.6 3.7 3.8% 63.6 3.7 3.8% 63.6 3.7 3.8% 63.6 3.7 3.8% 63.6 3.7 3.8% 63.6 3.7 3.8% 63.6 3.7 3.8% 63.6 3.7 3.8% 63.6 3.7 3.8% 63.6 3.7 3.8% 63.6 3.7 3.8% 63.6 3.8% 63.6 3.8% 63.6 3.8% 63.6 3.6% 63.6	66.5 65.8 65.7 65.0 64.6 64.3 64.3 64.1 64.0 63.8 63.7 63.6 63.4 63.4 63.3 63.4 63.3 63.4 63.3 63.4 63.3 63.4 63.3 63.4 63.3 63.3	-0.4 0.0 -0.6 -0.6 -0.4 -0.4 -0.1 0.0 0.1 0.0 0.0 0.0 -0.2 -0.3 -0.2	-0.7% 0.0% -0.9% -0.9% -0.9% -0.7% -0.6% -0.1% -0.1% -0.1% -0.0% -0.0% -0.0% -0.3% -0.4%	0.0% 1.3% 2.5% 3.8% 5.0% 6.3% 7.5% 8.8% 10.0% 11.3% 12.5% 13.8% 15.0%	58.2 57.6 57.5 57.4 57.3 57.3 57.3 57.2 57.2 57.2 57.2	57.8 57.7 57.6 57.5 57.4 57.4 57.3 57.2	0.1 0.2 0.1 0.1 0.1 0.1 0.0	0.1% 0.3% 0.2% 0.2% 0.2%	0.0% 1.3% 2.5% 3.8%	53.6 53.4 53.4	53.6 53.5	0.1		0.0%	50.8	50.9		
2.5% 65.7 65.5 65.5 6.0% 65.2 63.3% 64.8 7.5% 64.7 8.8% 64.2 10.0% 63.9 12.5% 63.8 13.8% 63.7 15.0% 63.7 16.3% 63.6 3.7 16.3% 63.6 3.7 12.5% 63.6 3.7 12.5% 63.6 3.7 12.5% 63.6 3.7 12.5% 63.6 3.6 3.7 12.5% 63.6 3.6 3.7 12.5% 63.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.	65.7 65.0 64.6 64.3 64.3 64.1 64.0 63.8 63.7 63.6 63.4 63.4 63.3 63.2 63.2 63.0	0.0 -0.6 -0.6 -0.4 -0.1 0.0 0.1 0.0 0.0 0.0 -0.2 -0.3 -0.2	0.0% -0.9% -0.9% -0.7% -0.6% -0.1% -0.1% -0.1% -0.0% -0.0% -0.0% -0.0% -0.3% -0.4%	2.5% 3.8% 5.0% 6.3% 7.5% 8.8% 10.0% 11.3% 12.5% 13.8% 15.0%	57.5 57.4 57.3 57.3 57.3 57.2 57.2 57.2 57.2	57.6 57.5 57.4 57.4 57.3 57.2 57.2	0.2 0.1 0.1 0.1 0.1 0.0	0.3% 0.2% 0.2% 0.2%	2.5% 3.8%	53.4			0.2%	1 3%	FO 4	50.3	0.2	
3.8% 65.5 5.0% 65.2 6.3% 64.8 7.5% 64.7 8.8% 64.2 10.0% 64.0 11.3% 63.9 12.5% 63.8 13.8% 63.7 15.0% 63.6 17.5% 63.6 18.8% 63.5 18.8% 63.5 20.0% 63.5 21.3% 63.5	65.0 64.6 64.3 64.3 64.1 64.0 63.8 63.7 63.6 63.4 63.4 63.3 63.2 63.0	-0.6 -0.6 -0.4 -0.4 -0.1 0.0 0.1 0.0 0.0 -0.2 -0.3 -0.2	-0.9% -0.9% -0.7% -0.6% -0.1% 0.1% 0.0% 0.0% 0.0% -0.9% -0.3% -0.4%	3.8% 5.0% 6.3% 7.5% 8.8% 10.0% 11.3% 12.5% 13.8% 15.0%	57.4 57.3 57.3 57.3 57.2 57.2 57.2 57.2	57.5 57.4 57.4 57.3 57.2 57.2	0.1 0.1 0.1 0.1 0.0	0.2% 0.2% 0.2%	3.8%		53.3							0.5%
5.0% 65.2 6.3% 64.8 7.5% 64.7 8.8% 64.2 10.0% 64.0 11.3% 63.9 12.5% 63.8 13.8% 63.7 15.0% 63.7 16.3% 63.6 18.8% 63.5 20.0% 63.5 21.3% 63.5	64.6 64.3 64.3 64.1 64.0 64.0 63.8 63.7 63.6 63.4 63.4 63.3 63.2 63.0	-0.6 -0.4 -0.4 -0.1 0.0 0.1 0.0 0.0 0.0 -0.2 -0.3 -0.2	-0.9% -0.7% -0.6% -0.1% -0.1% -0.1% -0.0% -0.0% -0.0% -0.3% -0.4%	5.0% 6.3% 7.5% 8.8% 10.0% 11.3% 12.5% 13.8% 15.0%	57.3 57.3 57.3 57.2 57.2 57.2 57.2 57.2	57.4 57.4 57.3 57.2 57.2	0.1 0.1 0.1 0.0	0.2% 0.2%			53.3	0.0	-0.1% 0.0%	2.5% 3.8%	50.1 49.6	49.8 49.6	-0.3 0.0	-0.6% -0.1%
7.5% 64.7 8.8% 64.2 10.0% 64.0 11.3% 63.9 12.5% 63.8 13.8% 63.7 15.0% 63.7 16.3% 63.6 17.5% 63.6 18.8% 63.5 20.0% 63.5 21.3% 63.5 22.5% 63.4	64.3 64.1 64.0 63.8 63.7 63.6 63.4 63.4 63.3 63.2 63.0	-0.4 -0.1 0.0 0.1 0.0 0.0 0.0 -0.2 -0.3 -0.2	-0.6% -0.1% 0.1% 0.1% 0.0% 0.0% -0.3% -0.4%	7.5% 8.8% 10.0% 11.3% 12.5% 13.8% 15.0%	57.3 57.2 57.2 57.2 57.2	57.3 57.2 57.2	0.1 0.0			53.1	53.3	0.0	0.4%	5.0%	49.4	49.4	0.0	0.1%
8.8% 64.2 10.0% 64.0 11.3% 63.9 12.5% 63.8 13.8% 63.7 15.0% 63.7 16.3% 63.6 17.5% 63.6 18.8% 63.5 20.0% 63.5 21.3% 63.5	64.1 64.0 64.0 63.8 63.7 63.6 63.4 63.3 63.2 63.0 63.0	-0.1 0.0 0.1 0.0 0.0 0.0 -0.2 -0.3 -0.2	-0.1% 0.1% 0.1% 0.0% 0.0% 0.0% -0.3% -0.4%	8.8% 10.0% 11.3% 12.5% 13.8% 15.0%	57.2 57.2 57.2 57.2	57.2 57.2	0.0		6.3%	52.9	52.9	0.0	0.0%	6.3%	49.4	49.4	0.0	0.0%
10.0% 64.0 11.3% 63.9 12.5% 63.8 13.8% 63.7 15.0% 63.7 16.3% 63.6 17.5% 63.6 18.8% 63.5 20.0% 63.5 21.3% 63.5	64.0 63.8 63.7 63.6 63.4 63.4 63.3 63.2 63.0 63.0	0.0 0.1 0.0 0.0 0.0 -0.2 -0.3 -0.2	0.1% 0.1% 0.0% 0.0% 0.0% -0.3% -0.4%	10.0% 11.3% 12.5% 13.8% 15.0%	57.2 57.2 57.2	57.2		0.2%	7.5% 8.8%	52.8 52.8	52.9 52.8	0.0 -0.1	0.1% -0.1%	7.5% 8.8%	49.2 49.1	49.3 49.2	0.1 0.1	0.2%
12.5% 63.8 13.8% 63.7 15.0% 63.7 16.3% 63.6 17.5% 63.6 18.8% 63.5 20.0% 63.5 21.3% 63.5 22.5% 63.4	63.8 63.7 63.6 63.4 63.3 63.2 63.0 63.0	0.0 0.0 0.0 -0.2 -0.3 -0.2	0.0% 0.0% 0.0% -0.3% -0.4%	12.5% 13.8% 15.0%	57.2	57.1	-0.1	-0.1%	10.0%	52.5	52.7	0.1	0.3%	10.0%	49.1	49.1	0.0	0.1%
13.8% 63.7 15.0% 63.7 16.3% 63.6 17.5% 63.6 18.8% 63.5 20.0% 63.5 21.3% 63.5 22.5% 63.4	63.7 63.6 63.4 63.3 63.2 63.0 63.0	0.0 0.0 -0.2 -0.3 -0.2	0.0% 0.0% -0.3% -0.4%	13.8% 15.0%			0.0	-0.1%	11.3%	52.3	52.7	0.3	0.6%	11.3%	49.0	49.1	0.0	0.1%
15.0% 63.7 16.3% 63.6 17.5% 63.6 18.8% 63.5 20.0% 63.5 21.3% 63.5 22.5% 63.4	63.6 63.4 63.4 63.3 63.2 63.0 63.0	0.0 -0.2 -0.3 -0.2	0.0% -0.3% -0.4%	15.0%		57.1	0.0	0.0%	12.5%	52.2	52.3	0.1	0.1%	12.5%	49.0	49.1	0.1	0.2%
16.3% 63.6 17.5% 63.6 18.8% 63.5 20.0% 63.5 21.3% 63.5 22.5% 63.4	63.4 63.4 63.3 63.2 63.0 63.0	-0.2 -0.3 -0.2	-0.3% -0.4%		57.1 57.0	57.1 57.1	-0.1 0.1	-0.1% 0.1%	13.8% 15.0%	52.1 52.1	52.2 52.2	0.1	0.2%	13.8% 15.0%	48.9 48.8	49.0 49.0	0.1	0.3%
18.8% 63.5 20.0% 63.5 21.3% 63.5 22.5% 63.4	63.3 63.2 63.0 63.0	-0.2		16.3%	57.0	57.0	0.0	0.0%	16.3%	52.0	52.2	0.2	0.3%	16.3%	48.8	49.0	0.2	0.3%
20.0% 63.5 21.3% 63.5 22.5% 63.4	63.2 63.0 63.0			17.5%	56.9	56.9	0.0	0.0%	17.5%	52.0	52.0	0.1	0.1%	17.5%	48.8	48.8	0.0	0.0%
21.3% 63.5 22.5% 63.4	63.0 63.0		-0.3% -0.5%	18.8% 20.0%	56.9 56.8	56.9 56.9	0.0	0.0%	18.8% 20.0%	51.9 51.8	52.0 52.0	0.1	0.3%	18.8% 20.0%	48.8 48.8	48.8 48.8	0.0	0.1%
22.5% 63.4	63.0	-0.5	-0.8%	21.3%	56.8	56.9	0.1	0.1%	21.3%	51.8	51.9	0.3	0.3%	21.3%	48.7	48.7	0.0	0.0%
23.8% 63.1		-0.4	-0.6%	22.5%	56.7	56.8	0.1	0.2%	22.5%	51.7	51.8	0.1	0.2%	22.5%	48.6	48.7	0.1	0.3%
25.0% 63.0	62.8 62.7	-0.4 -0.3	-0.6%	23.8%	56.7 56.7	56.8 56.7	0.1	0.2%	23.8%	51.6	51.7	0.0	0.1%	23.8%	48.5 48.5	48.6 48.5	0.0	0.1%
26.3% 62.8	62.7	-0.3	-0.5% -0.4%	25.0% 26.3%	56.7	56.7	0.0	0.1%	25.0% 26.3%	51.6 51.5	51.6 51.6	0.0	0.1%	25.0% 26.3%	48.5 48.4	48.5 48.5	0.0	0.0%
27.5% 62.8	62.5	-0.3	-0.4%	27.5%	56.7	56.7	0.0	0.1%	27.5%	51.4	51.5	0.1	0.3%	27.5%	48.3	48.4	0.0	0.2%
28.8% 62.8	62.4	-0.3	-0.5%	28.8%	56.7	56.7	0.0	0.1%	28.8%	51.4	51.5	0.1	0.2%	28.8%	48.3	48.4	0.0	0.1%
30.0% 62.7 31.3% 62.7	62.4 62.3	-0.4	-0.6%	30.0%	56.7 56.6	56.7 56.7	0.0	0.1%	30.0%	51.3	51.5 51.5	0.1 0.2	0.3%	30.0%	48.2 48.2	48.3 48.3	0.1	0.2%
31.3% 62.7 32.5% 62.7	62.3 62.3	-0.4 -0.4	-0.7% -0.7%	31.3% 32.5%	56.6 56.6	56.7 56.6	0.0	0.0%	31.3% 32.5%	51.3 51.2	51.5 51.3	0.2	0.3%	31.3% 32.5%	48.2 48.2	48.3 48.3	0.1	0.2% 0.2%
33.8% 62.7	62.2	-0.5	-0.7%	33.8%	56.6	56.6	0.0	0.0%	33.8%	51.2	51.3	0.0	0.1%	33.8%	48.2	48.3	0.1	0.2%
35.0% 62.6	61.7	-0.9	-1.4%	35.0%	56.5	56.6	0.1	0.2%	35.0%	51.0	51.2	0.2	0.4%	35.0%	48.2	48.2	0.1	0.1%
36.3% 62.6 37.5% 62.5	61.7 61.6	-0.9 -0.9	-1.4% -1.5%	36.3% 37.5%	56.4 56.4	56.5 56.5	0.1	0.2%	36.3% 37.5%	51.0 51.0	51.1 51.0	0.1 0.1	0.3%	36.3% 37.5%	48.1 48.1	48.1 48.0	0.0 -0.1	0.0% -0.1%
38.8% 62.5	61.6	-0.9	-1.4%	38.8%	56.4	56.4	0.1	0.1%	38.8%	51.0	51.0	0.1	0.1%	38.8%	48.0	48.0	0.0	0.0%
40.0% 62.3	61.5	-0.8	-1.3%	40.0%	56.3	56.4	0.1	0.2%	40.0%	50.9	51.0	0.1	0.2%	40.0%	48.0	48.0	0.0	0.1%
41.3% 61.8	61.5	-0.3	-0.5%	41.3%	56.3	56.4	0.1	0.1%	41.3%	50.8	51.0	0.2	0.4%	41.3%	48.0	48.0	0.1	0.1%
42.5% 61.6	61.1	-0.5	-0.8%	42.5%	56.3	56.3	0.0	0.1%	42.5%	50.8	51.0	0.2	0.4%	42.5%	47.9 47.8	48.0 47.9	0.1	0.2%
43.8% 61.5 45.0% 61.2	61.0 61.0	-0.4 -0.2	-0.7% -0.3%	43.8% 45.0%	56.3 56.2	56.3 56.3	0.0 0.1	0.1%	43.8% 45.0%	50.8 50.8	51.0 51.0	0.2	0.4%	43.8% 45.0%	47.8	47.9	0.0	0.0%
46.3% 61.1	60.9	-0.1	-0.2%	46.3%	56.2	56.2	0.0	0.0%	46.3%	50.8	50.9	0.1	0.3%	46.3%	47.7	47.8	0.1	0.2%
47.5% 61.0	60.8	-0.2	-0.3%	47.5%	56.2	56.2	0.0	0.1%	47.5%	50.7	50.9	0.2	0.4%	47.5%	47.7	47.8	0.1	0.2%
48.8% 61.0 50.0% 60.9	60.8 60.7	-0.2 -0.2	-0.3% -0.3%	48.8% 50.0%	56.2 56.0	56.2 56.1	0.0	0.1%	48.8% 50.0%	50.7 50.7	50.9 50.9	0.2	0.4%	48.8% 50.0%	47.6 47.6	47.6 47.6	0.0	0.0% -0.1%
51.3% 60.9	60.7	-0.2	-0.3%	51.3%	56.0	56.1	0.0	0.1%	51.3%	50.6	50.8	0.2	0.4%	51.3%	47.5	47.5	0.0	0.1%
52.5% 60.8	60.7	-0.2	-0.3%	52.5%	56.0	56.1	0.0	0.1%	52.5%	50.6	50.8	0.2	0.4%	52.5%	47.5	47.5	0.0	0.1%
53.8% 60.8 55.0% 60.7	60.6 60.2	-0.1 -0.5	-0.2% -0.8%	53.8% 55.0%	56.0 56.0	56.0 56.0	0.0	-0.1% 0.0%	53.8% 55.0%	50.6 50.6	50.8 50.8	0.2	0.4%	53.8% 55.0%	47.4 47.4	47.5 47.4	0.1	0.1% 0.1%
56.3% 60.7	60.2	-0.5	-0.8%	56.3%	56.0	56.0	0.0	0.0%	56.3%	50.6	50.8	0.2	0.4%	56.3%	47.4 47.4	47.4 47.4	0.0	0.1%
57.5% 60.5	60.1	-0.4	-0.7%	57.5%	55.9	55.9	0.0	0.0%	57.5%	50.6	50.7	0.2	0.3%	57.5%	47.3	47.4	0.1	0.1%
58.8% 60.2	60.1	-0.2	-0.3%	58.8%	55.9	55.9	0.0	0.1%	58.8%	50.5	50.7	0.2	0.5%	58.8%	47.3	47.3	0.0	0.0%
60.0% 60.2 61.3% 60.1	60.0 60.0	-0.1 -0.1	-0.2% -0.1%	60.0% 61.3%	55.8 55.7	55.9 55.9	0.2	0.3%	60.0% 61.3%	50.4 50.4	50.7 50.6	0.2	0.5%	60.0% 61.3%	47.3 47.3	47.3 47.3	0.0	0.1%
62.5% 60.0	60.0	0.0	0.0%	62.5%	55.7	55.9	0.2	0.3%	62.5%	50.4	50.6	0.2	0.4%	62.5%	47.3	47.3	0.0	0.1%
63.8% 60.0	60.0	0.0	-0.1%	63.8%	55.7	55.9	0.1	0.2%	63.8%	50.4	50.6	0.2	0.4%	63.8%	47.2	47.3	0.1	0.2%
65.0% 60.0	60.0	-0.1	-0.1%	65.0%	55.7	55.8	0.1	0.2%	65.0%	50.3	50.6	0.2	0.5%	65.0%	47.2	47.2	0.0	-0.1%
66.3% 60.0 67.5% 60.0	60.0 59.9	-0.1 -0.1	-0.1% -0.2%	66.3% 67.5%	55.7 55.6	55.7 55.7	0.0	0.1%	66.3% 67.5%	50.3 50.3	50.5 50.5	0.2	0.5%	66.3% 67.5%	47.2 46.9	47.1 47.1	0.0 0.2	-0.1% 0.3%
68.8% 60.0	59.8	-0.1	-0.2%	68.8%	55.6	55.7	0.0	0.1%	68.8%	50.3	50.3	0.0	0.1%	68.8%	46.9	47.1	0.2	0.4%
70.0% 59.9	59.8	-0.1	-0.2%	70.0%	55.6	55.5	-0.1	-0.1%	70.0%	50.2	50.3	0.1	0.2%	70.0%	46.9	47.1	0.2	0.4%
71.3% 59.9 72.5% 59.8	59.7 59.7	-0.2	-0.3%	71.3%	55.6 55.5	55.5 55.5	-0.1	-0.1%	71.3%	50.1 49.9	50.2 50.1	0.2	0.3%	71.3%	46.8 46.7	46.9 46.8	0.1	0.3%
72.5% 59.8 73.8% 59.8	59.7 59.7	-0.2 -0.1	-0.3% -0.2%	72.5% 73.8%	55.5 55.5	55.5 55.5	0.0	-0.1% 0.0%	72.5% 73.8%	49.9 49.9	50.1 50.0	0.2	0.4%	72.5% 73.8%	46.7 46.7	46.8 46.8	0.1	0.2%
75.0% 59.8	59.6	-0.1	-0.2%	75.0%	55.5	55.5	0.0	0.0%	75.0%	49.8	49.9	0.1	0.2%	75.0%	46.7	46.7	0.0	0.1%
76.3% 59.8	59.6	-0.2	-0.3%	76.3%	55.3	55.3	0.1	0.1%	76.3%	49.8	49.9	0.1	0.2%	76.3%	46.6	46.7	0.1	0.2%
77.5% 59.8 78.8% 59.7	59.5 59.4	-0.2 -0.3	-0.3% -0.5%	77.5% 78.8%	55.2 55.1	55.3 55.2	0.1	0.1%	77.5% 78.8%	49.8 49.8	49.8 49.8	0.1	0.1%	77.5% 78.8%	46.6 46.6	46.7 46.7	0.1	0.1%
78.8% 59.7 80.0% 59.7	59.4 59.4	-0.3	-0.5%	78.8% 80.0%	55.1 55.1	55.2 55.2	0.1	0.2%	78.8% 80.0%	49.8 49.8	49.8	0.0	0.0%	78.8% 80.0%	46.5	46.7	0.1	0.2%
81.3% 59.7	59.3	-0.3	-0.5%	81.3%	55.1	55.2	0.1	0.3%	81.3%	49.7	49.8	0.1	0.1%	81.3%	46.4	46.5	0.1	0.3%
82.5% 59.6	59.3	-0.4	-0.6%	82.5%	55.0	55.0	0.1	0.1%	82.5%	49.6	49.8	0.2	0.4%	82.5%	46.2	46.5	0.3	0.6%
83.8% 59.6 85.0% 59.6	59.2 59.1	-0.4 -0.5	-0.7% -0.9%	83.8% 85.0%	54.9 54.8	55.0 55.0	0.1	0.1%	83.8% 85.0%	49.5 49.4	49.6 49.3	0.1 -0.1	0.1%	83.8% 85.0%	46.2 46.2	46.4 46.4	0.2	0.5%
86.3% 59.3	59.0	-0.3	-0.5%	86.3%	54.8	54.8	0.1	0.1%	86.3%	49.0	49.3	0.3	0.6%	86.3%	46.2	46.2	0.2	0.2%
87.5% 59.0	58.9	-0.1	-0.2%	87.5%	54.8	54.7	-0.1	-0.1%	87.5%	49.0	49.1	0.2	0.3%	87.5%	46.1	46.2	0.1	0.2%
88.8% 59.0	58.9	-0.1	-0.2%	88.8%	54.6	54.7	0.0	0.1%	88.8%	48.7	49.0	0.3	0.5%	88.8%	46.1	46.2	0.1	0.3%
90.0% 59.0 91.3% 58.9	58.8 58.8	-0.1 -0.2	-0.3% -0.3%	90.0% 91.3%	54.5 54.3	54.6 54.4	0.1	0.2%	90.0% 91.3%	48.6 48.5	48.8 48.7	0.2	0.4%	90.0% 91.3%	46.0 45.9	46.1 45.9	0.1	0.2%
92.5% 58.8	58.8	0.0	0.0%	92.5%	54.3	54.3	0.0	0.1%	92.5%	48.4	48.4	0.2	-0.1%	92.5%	45.8	45.7	0.0	-0.1%
93.8% 58.7	58.7	0.0	-0.1%	93.8%	54.1	54.1	0.0	0.0%	93.8%	48.3	48.2	-0.1	-0.2%	93.8%	45.5	45.7	0.1	0.3%
95.0% 58.6	58.7	0.0	0.1%	95.0%	54.1	54.0	-0.1	-0.2%	95.0%	48.2	48.1 48.1	-0.1	-0.2%	95.0%	45.4	45.6	0.2	0.4%
96.3% 58.6 97.5% 58.5	57.9 57.7	-0.7 -0.7	-1.1% -1.3%	96.3% 97.5%	53.9 53.7	53.9 53.9	0.0	0.0%	96.3% 97.5%	48.1 48.0	48.1 47.7	0.0 -0.2	-0.1% -0.5%	96.3% 97.5%	45.3 45.2	45.5 45.3	0.2	0.4%
98.8% 58.0	56.9	-1.1	-1.8%	98.8%	53.6	53.9	0.3	0.5%	98.8%	47.1	47.6	0.5	1.0%	98.8%	45.0	45.0	0.0	0.0%
100.0% 58.0	56.9	-1.1	-1.9%	100.0%	53.5	53.5	0.0	-0.1%	100.0%	45.9	46.9	1.0	2.3%	100.0%	44.8	44.5	-0.3	-0.6%

Table SQ-40-4b American River at Watt Avenue, Monthly Temperature Probability of Exceedance

								Aille		of Exceedance	nature								
Percent		February			Percent		March			Percent		April			Percent		May		
Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative	Exceedance	No Action Alternative	Alternative D	Absolute Difference	Relative
Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)	Probability (%)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	(DEG-F)	Difference (%)
0.0%	52.1	52.3	0.2	0.4%	0.0%	57.3	57.3	0.0	0.1%	0.0%	63.6	64.2	0.7	1.0%	0.0%	69.1	69.1	0.0	-0.1%
1.3% 2.5%	51.8 51.8	51.8 51.8	0.0	0.0%	1.3% 2.5%	57.3 56.6	57.3 56.7	0.0	0.1% 0.2%	1.3% 2.5%	62.4 60.8	63.8 60.5	1.4 -0.2	2.3% -0.4%	1.3% 2.5%	69.0 67.2	67.7 66.8	-1.3 -0.4	-1.9% -0.6%
3.8%	51.6	51.6	0.0	0.1%	3.8%	56.3	56.5	0.1	0.4%	3.8%	60.0	59.7	-0.2	-0.5%	3.8%	65.5	66.6	1.1	1.7%
5.0%	51.5	51.5	0.0	-0.1%	5.0%	56.2	56.1	0.0	-0.1%	5.0%	59.9	59.6	-0.2	-0.4%	5.0%	63.9	64.3	0.5	0.8%
6.3% 7.5%	51.4 51.1	51.3 51.2	-0.1 0.1	-0.2% 0.3%	6.3% 7.5%	56.1 56.0	56.1 55.9	0.0 -0.1	-0.1% -0.2%	6.3% 7.5%	59.4 59.2	59.6 59.3	0.2	0.4%	6.3% 7.5%	63.8 63.6	63.8 63.0	0.0 -0.6	0.0%
7.5% 8.8%	51.1 51.1	51.2 51.2	0.1	0.2%	7.5% 8.8%	55.4	55.9 55.7	-0.1	-0.2% 0.5%	7.5% 8.8%	59.2 59.1	59.3 59.2	0.1	0.2%	7.5% 8.8%	63.0	62.9	-0.6	-1.0%
10.0%	51.0	51.1	0.0	0.1%	10.0%	55.3	55.3	-0.1	-0.1%	10.0%	59.1	59.2	0.1	0.2%	10.0%	62.9	62.8	0.0	0.0%
11.3%	50.8	50.9	0.2	0.3%	11.3%	55.2	55.3	0.1	0.1%	11.3%	58.9	59.1	0.2	0.3%	11.3%	62.8	62.8	0.0	0.0%
12.5% 13.8%	50.7 50.7	50.9 50.8	0.2	0.4%	12.5% 13.8%	55.0 54.7	55.2 54.9	0.2	0.3%	12.5% 13.8%	58.8 58.6	58.9 58.8	0.2	0.3%	12.5% 13.8%	62.3 62.3	62.8 62.7	0.5 0.4	0.8%
15.0%	50.6	50.7	0.1	0.2%	15.0%	54.6	54.9	0.3	0.5%	15.0%	58.6	58.7	0.2	0.3%	15.0%	62.1	62.6	0.5	0.8%
16.3%	50.6	50.7	0.1	0.2%	16.3%	54.6	54.6	0.1	0.1%	16.3%	58.4	58.6	0.2	0.4%	16.3%	62.0	62.4	0.4	0.7%
17.5% 18.8%	50.6 50.6	50.7 50.7	0.1 0.1	0.2%	17.5% 18.8%	54.5 54.4	54.5 54.5	0.1 0.1	0.1%	17.5% 18.8%	58.4 58.4	58.5 58.5	0.2	0.3%	17.5% 18.8%	61.9 61.9	62.1 61.8	0.2	0.3% -0.1%
20.0%	50.6	50.7	0.1	0.2%	20.0%	54.4	54.3	0.0	-0.1%	20.0%	58.4	58.4	0.0	0.2%	20.0%	61.8	61.7	-0.1	-0.1%
21.3%	50.5	50.5	0.0	0.0%	21.3%	54.3	54.3	0.0	0.0%	21.3%	57.9	58.3	0.4	0.7%	21.3%	61.6	61.6	0.1	0.1%
22.5%	50.1	50.5	0.5	0.9%	22.5%	54.3	54.2	0.0	-0.1%	22.5%	57.9	58.3	0.4	0.6%	22.5%	61.5	61.6	0.0	0.1%
23.8% 25.0%	50.0 50.0	50.1 50.0	0.1	0.1%	23.8% 25.0%	54.2 54.2	54.2 54.0	0.0 -0.2	0.0% -0.4%	23.8% 25.0%	57.9 57.9	58.1 57.8	0.2 -0.1	0.3% -0.1%	23.8% 25.0%	61.5 61.4	61.6 61.5	0.1 0.1	0.1% 0.1%
26.3%	49.9	49.9	0.1	0.1%	26.3%	54.0	53.9	-0.2	-0.3%	26.3%	57.9	57.8	-0.1	-0.2%	26.3%	61.3	61.4	0.1	0.1%
27.5%	49.9	49.9	0.0	0.1%	27.5%	54.0	53.7	-0.3	-0.5%	27.5%	57.9	57.6	-0.3	-0.5%	27.5%	61.2	61.2	0.0	0.1%
28.8% 30.0%	49.8 49.8	49.8 49.8	0.0 0.1	0.0%	28.8% 30.0%	53.9 53.8	53.7 53.7	-0.2 -0.1	-0.4% -0.3%	28.8% 30.0%	57.5 57.5	57.5 57.5	0.0	0.0%	28.8% 30.0%	61.1 61.0	60.7 60.5	-0.4 -0.5	-0.6% -0.8%
31.3%	49.8	49.8	0.0	0.0%	31.3%	53.7	53.7	0.0	-0.1%	31.3%	57.3	57.4	0.0	0.2%	31.3%	60.6	60.5	-0.1	-0.2%
32.5%	49.8	49.7	0.0	-0.1%	32.5%	53.7	53.7	0.0	-0.1%	32.5%	57.3	57.4	0.1	0.1%	32.5%	60.6	60.3	-0.3	-0.5%
33.8% 35.0%	49.7 49.7	49.7 49.7	0.0	0.0%	33.8% 35.0%	53.6 53.6	53.6 53.6	0.0	0.0%	33.8% 35.0%	57.3 57.0	57.3 57.0	0.0	0.1%	33.8% 35.0%	60.5 60.4	60.3	-0.2	-0.4% -0.5%
36.3%	49.7	49.6	0.0	0.0%	36.3%	53.6	53.4	-0.2	-0.3%	36.3%	57.0	57.0	0.0	0.0%	36.3%	60.2	60.0	-0.3	-0.5%
37.5%	49.6	49.6	0.0	0.0%	37.5%	53.5	53.2	-0.3	-0.5%	37.5%	56.9	56.8	0.0	-0.1%	37.5%	60.2	60.0	-0.2	-0.3%
38.8%	49.6	49.6	0.0	0.0%	38.8%	53.5	53.1	-0.4	-0.7%	38.8%	56.8	56.8	0.0	0.0%	38.8%	59.6	59.6	0.0	0.0%
40.0% 41.3%	49.6 49.5	49.6 49.6	0.0 0.1	0.0%	40.0% 41.3%	53.4 53.1	53.0 53.0	-0.4 -0.1	-0.7% -0.2%	40.0% 41.3%	56.7 56.5	56.7 56.7	0.0	0.0%	40.0% 41.3%	59.4 59.3	59.6 59.5	0.2 0.2	0.3% 0.4%
42.5%	49.5	49.5	0.0	0.0%	42.5%	53.0	52.9	-0.1	-0.1%	42.5%	56.3	56.5	0.2	0.4%	42.5%	59.2	59.2	0.0	-0.1%
43.8%	49.5	49.5	0.0	0.0%	43.8%	52.8	52.9	0.1	0.3%	43.8%	56.3	56.4	0.2	0.3%	43.8%	59.0	58.8	-0.2	-0.4%
45.0% 46.3%	49.5 49.4	49.4 49.3	-0.1	-0.1% -0.1%	45.0% 46.3%	52.7 52.5	52.9 52.8	0.2	0.3%	45.0% 46.3%	56.2 56.2	56.4 56.3	0.2	0.3%	45.0% 46.3%	58.4 58.4	58.5 58.3	0.1	0.1% -0.1%
47.5%	49.4	49.3	-0.1 0.0	-0.1%	47.5%	52.5 52.5	52.8	0.3	0.5%	47.5%	56.2	56.3	0.1	0.2%	46.3%	58.3	58.3	0.0	-0.1%
48.8%	49.3	49.3	0.0	-0.1%	48.8%	52.5	52.6	0.1	0.2%	48.8%	56.1	56.2	0.1	0.2%	48.8%	58.0	58.0	0.0	0.0%
50.0%	49.2	49.2	0.0	0.0%	50.0%	52.5	52.5	0.0	0.0%	50.0%	56.0	56.2	0.1	0.2%	50.0%	58.0	57.9	-0.2	-0.3%
51.3% 52.5%	49.1 49.0	49.1 49.0	0.0 -0.1	-0.1% -0.1%	51.3% 52.5%	52.4 52.4	52.5 52.4	0.1	0.2%	51.3% 52.5%	55.8 55.7	56.0 55.9	0.2	0.4%	51.3% 52.5%	57.8 57.8	57.8 57.7	-0.1 0.0	-0.1% -0.1%
53.8%	49.0	48.9	-0.1	-0.2%	53.8%	52.4	52.4	0.0	0.1%	53.8%	55.7	55.9	0.2	0.4%	53.8%	57.6	57.7	0.0	0.0%
55.0%	48.9	48.8	-0.1	-0.2%	55.0%	52.3	52.4	0.0	0.1%	55.0%	55.7	55.7	0.0	0.1%	55.0%	57.5	57.7	0.1	0.2%
56.3% 57.5%	48.9 48.8	48.8 48.8	-0.1 0.0	-0.2% -0.1%	56.3% 57.5%	52.3 52.2	52.3 52.2	0.0	0.1%	56.3% 57.5%	55.6 55.5	55.7 55.6	0.0	0.1%	56.3% 57.5%	57.3 57.2	57.6 57.3	0.4	0.6%
58.8%	48.8	48.8	0.0	-0.1%	58.8%	52.2	52.1	0.0	-0.1%	58.8%	55.3	55.5	0.0	0.3%	58.8%	57.1	57.2	0.1	0.2%
60.0%	48.7	48.7	0.0	0.0%	60.0%	51.9	52.1	0.2	0.4%	60.0%	55.3	55.5	0.2	0.4%	60.0%	57.0	57.1	0.1	0.1%
61.3%	48.6 48.4	48.6 48.6	0.0	0.1%	61.3%	51.9	52.1 52.0	0.2	0.4%	61.3%	55.2	55.5 55.3	0.3	0.5%	61.3%	56.9	57.1 57.0	0.2	0.3%
62.5% 63.8%	48.4 48.4	48.6 48.6	0.2 0.2	0.4%	62.5% 63.8%	51.8 51.8	52.0 52.0	0.2 0.2	0.4%	62.5% 63.8%	55.2 55.0	55.3 55.2	0.2	0.3%	62.5% 63.8%	56.8 56.8	57.0 57.0	0.2	0.4% 0.5%
65.0%	48.4	48.3	-0.1	-0.1%	65.0%	51.7	51.8	0.1	0.2%	65.0%	55.0	55.2	0.2	0.4%	65.0%	56.7	56.8	0.1	0.1%
66.3%	48.2	48.3	0.1	0.1%	66.3%	51.7	51.8	0.1	0.2%	66.3%	54.9	55.2	0.2	0.4%	66.3%	56.6	56.7	0.1	0.1%
67.5% 68.8%	48.2 48.2	48.2 48.2	0.1	0.1%	67.5% 68.8%	51.4 51.4	51.7 51.6	0.2	0.4%	67.5% 68.8%	54.9 54.8	55.1 54.9	0.3	0.5%	67.5% 68.8%	56.6 56.3	56.7 56.7	0.1	0.2%
70.0%	48.1	48.2	0.0	0.2%	70.0%	51.4	51.5	0.2	0.4%	70.0%	54.7	54.9	0.2	0.4%	70.0%	56.3	56.6	0.3	0.6%
71.3%	48.0	48.1	0.1	0.2%	71.3%	51.3	51.5	0.2	0.3%	71.3%	54.6	54.9	0.2	0.4%	71.3%	56.2	56.3	0.1	0.3%
72.5%	48.0	48.1	0.1	0.1%	72.5%	51.3	51.4	0.2	0.3%	72.5%	54.6	54.8	0.2	0.4%	72.5%	56.1	56.2	0.1	0.2%
73.8% 75.0%	47.9 47.8	48.0 47.8	0.1	0.3%	73.8% 75.0%	51.3 51.2	51.4 51.3	0.2 0.1	0.3%	73.8% 75.0%	54.6 54.6	54.7 54.7	0.1 0.1	0.3%	73.8% 75.0%	56.0 56.0	56.2 56.0	0.2 0.1	0.3%
76.3%	47.7	47.6	-0.2	-0.3%	76.3%	51.2	51.3	0.0	0.1%	76.3%	54.6	54.7	0.1	0.1%	76.3%	55.9	56.0	0.1	0.3%
77.5%	47.6	47.5	-0.1	-0.3%	77.5%	51.2	51.2	0.0	0.0%	77.5%	54.4	54.5	0.0	0.0%	77.5%	55.8	55.9	0.1	0.1%
78.8% 80.0%	47.5 47.5	47.5 47.5	0.0	0.0%	78.8% 80.0%	51.1 51.0	51.0 51.0	0.0	-0.1% 0.0%	78.8% 80.0%	54.2 54.1	54.4 54.3	0.2	0.4%	78.8% 80.0%	55.8 55.8	55.8 55.8	0.1	0.1% 0.1%
81.3%	47.4	47.4	0.0	0.0%	81.3%	50.9	50.9	0.0	0.0%	81.3%	54.0	53.9	-0.1	-0.1%	81.3%	55.7	55.8	0.1	0.1%
82.5%	47.4	47.3	0.0	-0.1%	82.5%	50.9	50.8	-0.1	-0.1%	82.5%	53.8	53.8	0.0	0.0%	82.5%	55.6	55.7	0.1	0.1%
83.8% 85.0%	47.4 47.3	47.3 47.3	-0.1 0.0	-0.1% 0.0%	83.8% 85.0%	50.8 50.7	50.7 50.5	-0.1 -0.1	-0.2% -0.3%	83.8% 85.0%	53.7 53.5	53.7 53.4	0.0 -0.1	0.0% -0.2%	83.8% 85.0%	55.6 55.5	55.6 55.4	0.0 -0.1	0.0% -0.1%
85.0%	47.3 47.2	47.3 47.2	0.0	0.0%	85.0%	50.7	50.5	-0.1	-0.3%	85.0%	53.5	53.4	-0.1	-0.2%	85.0% 86.3%	55.5 55.2	55.4 55.2	-0.1	-0.1%
87.5%	47.2	47.1	0.0	-0.1%	87.5%	50.4	50.4	0.0	0.0%	87.5%	53.2	53.2	0.0	0.0%	87.5%	55.2	55.2	0.0	0.1%
88.8%	46.8	46.6	-0.2	-0.4%	88.8%	50.4	50.4	0.0	0.0%	88.8%	53.1	53.1	0.0	0.1%	88.8%	54.9	55.1	0.2	0.3%
90.0% 91.3%	46.6 46.5	46.5 46.5	-0.1 0.0	-0.3% 0.0%	90.0% 91.3%	50.3 50.2	50.3 49.8	0.0 -0.4	0.0%	90.0% 91.3%	53.1 53.0	53.1 52.9	0.0 -0.1	0.0% -0.2%	90.0% 91.3%	54.9 54.4	55.0 54.4	0.1 0.0	0.3% 0.1%
91.5%	46.3	46.3	0.0	0.0%	92.5%	49.7	49.8	0.0	0.0%	92.5%	52.8	52.8	0.0	0.0%	92.5%	54.2	54.4	-0.2	-0.3%
93.8%	46.3	46.3	0.0	0.0%	93.8%	49.7	49.5	-0.1	-0.2%	93.8%	52.6	52.7	0.2	0.3%	93.8%	54.0	54.0	-0.1	-0.1%
		46.1	-0.1	-0.2%	95.0%	49.5	49.5	0.0	-0.1%	95.0%	52.5	52.3	-0.2	-0.5%	95.0%	53.9	53.9	0.0	0.0%
95.0%	46.2							0.0	0.00/	00.007	FO 0	FO 0		0.007			FO 7	0.0	0.40/
96.3%	46.0	46.0	-0.1	-0.2%	96.3%	49.1	49.1	0.0	0.0%	96.3% 97.5%	52.3 52.2	52.2 52.1	-0.1 -0.1	-0.2% -0.2%	96.3% 97.5%	53.7 53.5	53.7 52.9	0.0	-0.1% -1.0%
								0.0 0.2 0.5	0.0% 0.4% 0.9%	96.3% 97.5% 98.8%	52.3 52.2 52.2	52.2 52.1 52.0	-0.1 -0.1 -0.2	-0.2% -0.2% -0.4%	96.3% 97.5% 98.8%	53.7 53.5 52.7	53.7 52.9 52.6	0.0 -0.6 -0.1	-0.1% -1.0% -0.2%

Table SQ-40-4b American River at Watt Avenue, Monthly Temperature Probability of Exceedance

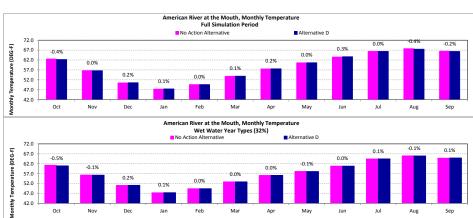
		June					July					August					September		
Percent Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Percent Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Percent Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Percent Exceedance	No Action Alternative	Alternative D	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)	
0.0%	73.2	72.9	-0.3	-0.4%	0.0%	76.6	76.3	-0.3	-0.4%	0.0%	82.4	80.5	-1.9	-2.3%	0.0%	76.1	74.8	-1.3	-1.7%
1.3%	72.3	72.7	0.5	0.6%	1.3%	72.3	74.2	1.9	2.6%	1.3%	74.2	74.2	0.0	0.0%	1.3%	75.1	72.2	-3.0	-3.9%
2.5%	71.8 71.1	72.0 70.4	0.2 -0.7	0.3% -1.0%	2.5% 3.8%	71.6 71.4	72.7 70.8	1.1 -0.7	1.6% -0.9%	2.5% 3.8%	73.1 73.0	72.9 71.6	-0.2 -1.4	-0.3% -1.9%	2.5% 3.8%	73.8 71.0	69.8 69.7	-4.1 -1.3	-5.5% -1.8%
5.0%	68.8	67.8	-1.0	-1.4%	5.0%	70.7	69.2	-1.5	-2.1%	5.0%	71.8	71.2	-0.7	-1.0%	5.0%	69.5	69.6	0.2	0.2%
6.3%	65.4	67.3	1.9	2.9%	6.3%	70.7	69.0	-1.7	-2.4%	6.3%	71.2	69.9	-1.3	-1.8%	6.3%	68.9	68.8	-0.1	-0.1%
7.5%	65.4	66.9	1.5	2.3%	7.5%	69.9	68.8	-1.1	-1.6%	7.5%	70.3	69.3	-1.0	-1.5%	7.5%	68.7	68.4	-0.3	-0.4%
8.8% 10.0%	65.3 65.3	66.7 65.4	1.4	2.1%	8.8% 10.0%	68.3 67.5	68.5 68.4	0.2	0.3%	8.8% 10.0%	69.4 69.4	69.0 68.8	-0.4 -0.6	-0.6%	8.8% 10.0%	68.5 68.3	67.8 67.7	-0.7 -0.5	-1.1% -0.8%
11.3%	65.1	65.4	0.1	0.4%	11.3%	67.4	67.7	0.9	0.3%	11.3%	69.0	68.3	-0.6	-1.0%	11.3%	68.0	67.7	-0.5	-0.4%
12.5%	65.1	65.0	-0.1	-0.1%	12.5%	67.3	67.5	0.2	0.4%	12.5%	68.8	68.2	-0.6	-0.9%	12.5%	67.8	67.6	-0.3	-0.4%
13.8%	65.0	64.9	-0.1	-0.2%	13.8%	67.2	67.2	0.0	0.1%	13.8%	68.1	68.1	0.0	0.0%	13.8%	67.8	67.5	-0.3	-0.4%
15.0%	65.0	64.9	-0.1	-0.2%	15.0%	66.9	67.1	0.2	0.3%	15.0%	68.0	68.1	0.0	0.1%	15.0%	67.5	67.4	-0.1	-0.1%
16.3%	65.0	64.9	-0.1	-0.2%	16.3%	66.3	65.9	-0.5	-0.7%	16.3%	68.0	68.0	0.0	0.0%	16.3%	66.8	67.3	0.6	0.9%
17.5% 18.8%	64.9 64.6	64.8 64.8	-0.1 0.2	-0.2% 0.3%	17.5% 18.8%	66.2 65.9	65.6 65.5	-0.6 -0.4	-0.9% -0.6%	17.5% 18.8%	67.9 67.4	67.9 67.9	0.0	0.0%	17.5% 18.8%	66.4 66.4	67.1 67.1	0.8 0.7	1.1% 1.0%
20.0%	64.4	64.8	0.4	0.6%	20.0%	65.7	65.1	-0.4	-1.0%	20.0%	67.0	66.1	-1.0	-1.4%	20.0%	66.1	65.9	-0.3	-0.4%
21.3%	64.3	64.6	0.3	0.5%	21.3%	65.7	65.0	-0.7	-1.0%	21.3%	66.6	65.9	-0.7	-1.1%	21.3%	66.0	65.8	-0.3	-0.4%
22.5%	64.2	64.4	0.2	0.2%	22.5%	65.1	64.8	-0.3	-0.4%	22.5%	66.5	65.8	-0.7	-1.1%	22.5%	66.0	65.4	-0.6	-0.9%
23.8%	64.1	64.3	0.3	0.5%	23.8%	65.1	64.8	-0.2	-0.4%	23.8%	66.2	65.8	-0.4	-0.6%	23.8%	65.8	65.0	-0.9	-1.3%
25.0% 26.3%	63.7 63.7	64.1 64.0	0.4	0.6%	25.0% 26.3%	64.7 64.5	64.8 64.7	0.2	0.2%	25.0% 26.3%	66.2 66.0	65.2 65.2	-0.9 -0.8	-1.4% -1.3%	25.0% 26.3%	65.7 65.4	64.9 64.9	-0.8 -0.5	-1.2% -0.8%
27.5%	63.6	64.0	0.4	0.6%	27.5%	64.4	64.6	0.1	0.2%	27.5%	66.0	65.2	-0.8	-1.3%	27.5%	65.0	64.8	-0.5	-0.8%
28.8%	63.5	63.6	0.1	0.2%	28.8%	64.4	64.5	0.1	0.1%	28.8%	66.0	65.2	-0.8	-1.2%	28.8%	64.9	64.8	-0.1	-0.2%
30.0%	63.3	63.4	0.0	0.1%	30.0%	64.3	64.4	0.1	0.2%	30.0%	65.8	65.1	-0.7	-1.0%	30.0%	64.9	64.7	-0.2	-0.3%
31.3%	63.2	63.3	0.1	0.2%	31.3%	64.2	64.3	0.0	0.1%	31.3%	65.5	65.1	-0.3	-0.5%	31.3%	64.8	64.7	-0.1	-0.2%
32.5% 33.8%	63.1 62.4	63.3 63.2	0.2	0.3% 1.3%	32.5% 33.8%	64.2 64.2	64.3 64.2	0.0	0.1%	32.5% 33.8%	65.2 65.2	65.1 65.1	-0.1 -0.1	-0.1% -0.1%	32.5% 33.8%	64.8 64.8	64.7 64.7	-0.1 -0.1	-0.1% -0.1%
35.0%	62.3	62.9	0.8	1.3%	35.0%	64.0	64.0	0.0	0.1%	35.0%	65.2	65.1	0.0	-0.1%	35.0%	64.7	64.7	0.0	0.1%
36.3%	62.2	62.4	0.2	0.3%	36.3%	64.0	64.0	0.0	0.0%	36.3%	65.1	65.1	0.0	0.0%	36.3%	64.7	64.7	0.0	0.0%
37.5%	61.9	62.2	0.3	0.4%	37.5%	63.9	63.9	0.0	0.1%	37.5%	65.1	65.1	0.0	0.0%	37.5%	64.6	64.7	0.0	0.0%
38.8%	61.8	62.0	0.2	0.4%	38.8%	63.9	63.9	0.0	0.0%	38.8%	65.1	65.1	0.0	0.0%	38.8%	64.6	64.6	0.0	0.1%
40.0% 41.3%	61.7 61.6	61.8 61.8	0.1	0.1%	40.0% 41.3%	63.8 63.8	63.9 63.8	0.0	0.0%	40.0% 41.3%	65.1 65.1	65.1 65.1	0.0	0.0%	40.0% 41.3%	64.6 64.5	64.6 64.5	0.0	0.0%
41.5%	61.5	61.8	0.2	0.4%	42.5%	63.8	63.8	0.0	0.0%	42.5%	65.1	65.1	0.0	0.0%	42.5%	64.4	64.5	0.0	0.0%
43.8%	61.5	61.8	0.3	0.5%	43.8%	63.8	63.8	0.1	0.1%	43.8%	65.0	65.1	0.0	0.0%	43.8%	64.4	64.5	0.1	0.2%
45.0%	61.4	61.6	0.3	0.4%	45.0%	63.8	63.8	0.1	0.1%	45.0%	65.0	65.0	0.0	0.0%	45.0%	64.4	64.5	0.1	0.2%
46.3%	61.3	61.5	0.2	0.4%	46.3%	63.7	63.8	0.1	0.2%	46.3%	65.0	65.0	0.0	0.0%	46.3%	64.3	64.5	0.2	0.2%
47.5%	61.3	61.4	0.2	0.2%	47.5%	63.6	63.8	0.2	0.4%	47.5% 48.8%	65.0	65.0	0.0	0.0%	47.5%	64.3	64.4	0.2	0.2%
48.8% 50.0%	61.1 61.0	61.4 61.2	0.3	0.5%	48.8% 50.0%	63.6 63.5	63.8 63.8	0.2	0.4%	48.8% 50.0%	64.9 64.9	65.0 65.0	0.0	0.1%	48.8% 50.0%	64.3 64.2	64.4 64.3	0.1	0.2%
51.3%	60.9	61.2	0.3	0.5%	51.3%	63.5	63.8	0.3	0.4%	51.3%	64.9	65.0	0.0	0.0%	51.3%	64.1	64.3	0.2	0.3%
52.5%	60.8	61.1	0.2	0.3%	52.5%	63.5	63.6	0.1	0.2%	52.5%	64.9	64.9	0.0	0.0%	52.5%	64.1	64.3	0.2	0.4%
53.8%	60.8	61.0	0.2	0.3%	53.8%	63.5	63.6	0.1	0.2%	53.8%	64.9	64.9	0.0	0.0%	53.8%	64.0	64.3	0.3	0.4%
55.0%	60.7	60.9	0.3	0.5%	55.0%	63.5	63.6 63.5	0.1	0.1%	55.0%	64.9	64.9	0.0	0.0%	55.0%	64.0	64.3 64.3	0.3	0.4%
56.3% 57.5%	60.5 60.4	60.8 60.6	0.4	0.6%	56.3% 57.5%	63.5 63.5	63.5	0.0	0.1%	56.3% 57.5%	64.9 64.8	64.9 64.9	0.0	0.0%	56.3% 57.5%	64.0 64.0	64.2	0.3 0.2	0.4%
58.8%	60.3	60.4	0.2	0.2%	58.8%	63.4	63.4	0.0	0.0%	58.8%	64.8	64.8	0.0	0.0%	58.8%	64.0	64.2	0.2	0.3%
60.0%	60.0	60.4	0.4	0.6%	60.0%	63.3	63.4	0.0	0.1%	60.0%	64.8	64.6	-0.3	-0.4%	60.0%	63.9	64.1	0.2	0.3%
61.3%	59.9	60.0	0.1	0.1%	61.3%	63.3	63.3	0.0	0.0%	61.3%	64.8	64.3	-0.6	-0.8%	61.3%	63.9	63.9	0.1	0.1%
62.5%	59.9	60.0	0.1	0.2%	62.5%	63.3	63.3	0.0	0.0%	62.5%	64.7	64.2	-0.5	-0.8%	62.5%	63.8	63.9	0.1	0.1%
63.8% 65.0%	59.8 59.8	60.0 59.9	0.1 0.1	0.2%	63.8% 65.0%	63.3 63.3	63.2 63.2	0.0	0.0%	63.8% 65.0%	64.6 64.5	64.2 64.2	-0.3 -0.3	-0.5% -0.5%	63.8% 65.0%	63.7 63.7	63.8 63.7	0.1 0.0	0.1% 0.1%
66.3%	59.8	59.9	0.1	0.1%	66.3%	63.2	63.2	0.0	0.0%	66.3%	64.5	64.1	-0.4	-0.6%	66.3%	63.7	63.6	-0.1	-0.2%
67.5%	59.8	59.9	0.1	0.2%	67.5%	63.2	63.2	0.0	0.0%	67.5%	64.3	64.1	-0.3	-0.4%	67.5%	63.6	63.5	-0.1	-0.2%
68.8%	59.8	59.9	0.1	0.3%	68.8%	63.2	63.2	0.0	0.1%	68.8%	64.2	64.1	-0.2	-0.3%	68.8%	63.6	63.2	-0.4	-0.6%
70.0%	59.6	59.8	0.2	0.3%	70.0%	63.2	63.2	0.0	0.1%	70.0%	64.2	64.0	-0.2	-0.2%	70.0%	63.5	63.1	-0.5	-0.7%
71.3% 72.5%	59.5 59.4	59.8 59.4	0.3	0.5%	71.3% 72.5%	63.1 63.0	63.1 63.1	0.0	0.0%	71.3% 72.5%	64.2 64.2	64.0 64.0	-0.2 -0.1	-0.3% -0.2%	71.3% 72.5%	63.5 63.3	63.0 63.0	-0.4 -0.3	-0.7% -0.4%
73.8%	59.4	59.4	0.0	0.0%	73.8%	63.0	63.1	0.1	0.2%	73.8%	64.0	64.0	0.0	-0.1%	73.8%	63.2	63.0	-0.2	-0.4%
75.0%	59.3	59.3	0.0	0.0%	75.0%	63.0	63.0	0.1	0.1%	75.0%	64.0	64.0	0.0	-0.1%	75.0%	63.1	63.0	-0.1	-0.1%
76.3%	59.2	59.2	0.0	0.0%	76.3%	62.8	63.0	0.1	0.2%	76.3%	64.0	63.9	-0.1	-0.1%	76.3%	63.0	63.0	0.0	0.1%
77.5%	59.0	59.1	0.1	0.2%	77.5%	62.8	62.9	0.1	0.2%	77.5%	64.0	63.3	-0.7	-1.1%	77.5%	62.9	63.0	0.0	0.0%
78.8% 80.0%	58.9 58.8	58.9 58.8	0.0	0.0%	78.8% 80.0%	62.8 62.7	62.9 62.8	0.2	0.2%	78.8% 80.0%	63.9 63.9	63.2 63.2	-0.7 -0.8	-1.1% -1.2%	78.8% 80.0%	62.9 62.9	63.0 62.9	0.0	0.0%
81.3%	58.7	58.7	0.0	0.0%	81.3%	62.7	62.8	0.1	0.1%	81.3%	63.3	63.1	-0.1	-0.2%	81.3%	62.7	62.8	0.0	0.2%
82.5%	58.7	58.7	0.0	0.0%	82.5%	62.7	62.6	0.0	-0.1%	82.5%	63.2	63.1	-0.2	-0.2%	82.5%	62.7	62.8	0.1	0.2%
83.8%	58.6	58.6	0.0	0.1%	83.8%	62.6	62.6	0.0	0.0%	83.8%	63.2	63.1	-0.1	-0.2%	83.8%	62.7	62.8	0.2	0.3%
85.0%	58.5	58.5	0.1	0.2%	85.0%	62.6	62.6	0.0	0.0%	85.0%	63.1	63.1	0.0	-0.1%	85.0%	62.6	62.7	0.1	0.2%
86.3%	58.4	58.5	0.0	0.1%	86.3%	62.5	62.6	0.1	0.1%	86.3%	63.1	63.0	-0.1	-0.1%	86.3%	62.6	62.7	0.1	0.2%
87.5% 88.8%	58.4 58.3	58.4 58.3	0.0	0.0%	87.5% 88.8%	62.5 62.3	62.5 62.4	0.0	0.0%	87.5% 88.8%	63.0 63.0	63.0 63.0	0.0	0.0%	87.5% 88.8%	62.6 62.6	62.7 62.7	0.1	0.2%
90.0%	58.1	58.3	0.0	0.0%	90.0%	62.2	62.3	0.1	0.1%	90.0%	63.0	63.0	0.0	0.0%	90.0%	62.5	62.7	0.1	0.1%
91.3%	57.9	58.0	0.0	0.1%	91.3%	62.0	62.1	0.1	0.2%	91.3%	63.0	63.0	0.0	0.0%	91.3%	62.5	62.6	0.1	0.2%
92.5%	57.9	57.9	0.0	0.0%	92.5%	62.0	62.1	0.1	0.1%	92.5%	63.0	63.0	0.0	0.0%	92.5%	62.3	62.5	0.2	0.3%
93.8%	57.4	57.4	0.0	0.1%	93.8%	62.0	61.9	-0.1	-0.1%	93.8%	63.0	63.0	0.0	0.0%	93.8%	62.3	62.4	0.2	0.3%
95.0% 96.3%	56.8 56.6	56.8 56.5	0.0 -0.1	-0.1% -0.2%	95.0% 96.3%	61.8 61.7	61.7 61.6	0.0	-0.1% -0.1%	95.0% 96.3%	63.0 62.8	62.9 62.9	0.0	0.0%	95.0% 96.3%	62.0 62.0	62.4 62.4	0.4 0.4	0.6%
97.5%	56.4	56.3	-0.1	-0.2%	97.5%	61.3	61.2	-0.2	-0.1%	97.5%	62.6	62.6	0.0	0.0%	96.5%	62.0	62.4	0.4	0.6%
98.8%	55.5	55.4	0.0	0.0%	98.8%	60.3	60.3	0.0	0.0%	98.8%	62.3	62.2	-0.1	-0.1%	98.8%	61.9	62.0	0.1	0.2%
100.0%	54.6	54.4	-0.2	-0.4%	100.0%	59.8	59.7	-0.1	-0.2%	100.0%	62.1	62.1	0.0	0.0%	100.0%	61.8	61.9	0.1	0.1%

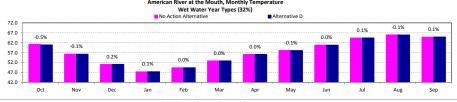
Table SQ-41-4a American River at the Mouth, Monthly Temperature

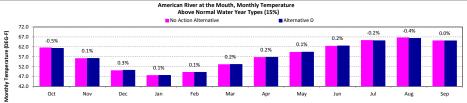
		Long-	term Aver	age and A	verage b	/ Water Ye	ear Type					
					Mon	thly Temp	erature (D	EG-F)				
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
				Lor	ng-term							
Full Simulation Period ¹												
No Action Alternative	62.5	56.7	50.5	47.4	49.6	53.8	57.5	60.6	63.5	66.4	67.8	66.5
Alternative D	62.3	56.7	50.6	47.4	49.6	53.9	57.6	60.7	63.7	66.4	67.5	66.3
Difference	-0.3	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.2	0.0	-0.3	-0.1
Percent Difference ³	-0.4%	0.0%	0.2%	0.1%	0.0%	0.1%	0.2%	0.0%	0.3%	0.0%	-0.4%	-0.29
				Water Y	ear Types	2						
Wet (32%)												
No Action Alternative	61.3	56.3	51.1	47.4	49.5	52.9	56.1	58.2	60.8	64.4	66.1	64.9
Alternative D	61.0	56.3	51.2	47.4	49.5	52.9	56.2	58.1	60.8	64.5	66.0	64.9
Difference	-0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1
Percent Difference	-0.5%	-0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	-0.1%	0.1%
Above Normal (15%)												
No Action Alternative	61.5	56.1	50.0	47.6	49.2	53.0	56.7	59.3	62.4	65.2	66.6	65.1
Alternative D	61.3	56.2	50.2	47.6	49.2	53.1	56.8	59.3	62.5	65.1	66.3	65.1
Difference	-0.3	0.1	0.2	0.1	0.0	0.1	0.1	0.1	0.1	-0.1	-0.3	0.0
Percent Difference	-0.5%	0.1%	0.3%	0.1%	0.1%	0.2%	0.2%	0.1%	0.2%	-0.2%	-0.4%	0.0%
Below Normal (17%)												
No Action Alternative	62.1	56.8	50.7	47.2	49.0	53.8	57.5	60.2	63.2	65.6	66.9	65.5
Alternative D	61.9	56.7	50.7	47.2	49.0	53.8	57.4	60.1	63.2	65.5	66.7	65.4
Difference	-0.1	-0.1	0.1	0.0	0.0	0.0	-0.1	-0.1	0.0	-0.1	-0.2	-0.1
Percent Difference	-0.2%	-0.1%	0.2%	0.1%	0.0%	0.0%	-0.1%	-0.1%	0.0%	-0.1%	-0.3%	-0.19
Dry (22%)												
No Action Alternative	63.5	57.0	50.5	47.4	50.1	54.4	58.4	62.2	64.9	66.9	68.2	67.2
Alternative D	63.2	57.0	50.6	47.5	50.1	54.5	58.6	62.7	65.4	66.7	67.9	66.9
Difference	-0.3	0.0	0.1	0.1	0.0	0.1	0.3	0.5	0.6	-0.2	-0.3	-0.3
Percent Difference	-0.5%	-0.1%	0.2%	0.2%	0.0%	0.3%	0.5%	0.8%	0.9%	-0.2%	-0.4%	-0.49
Critical (15%)												
No Action Alternative	65.3	57.4	49.3	47.2	50.5	55.9	60.2	65.6	69.0	71.9	73.2	71.4
Alternative D	65.0	57.4	49.4	47.3	50.6	55.8	60.4	65.1	69.2	72.1	72.5	70.8
Difference	-0.2	0.1	0.1	0.1	0.1	-0.1	0.2	-0.5	0.2	0.1	-0.7	-0.6
Percent Difference	-0.4%	0.1%	0.2%	0.2%	0.2%	-0.1%	0.3%	-0.8%	0.2%	0.2%	-0.9%	-0.89

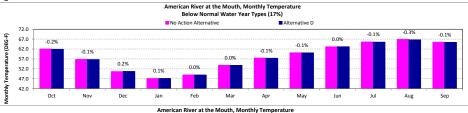
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

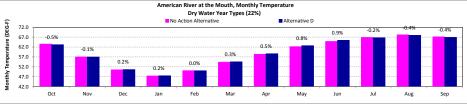
3 Relative difference of the monthly average











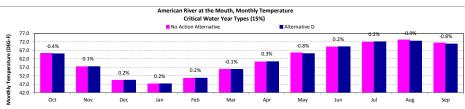


Figure SQ-41-4b
American River at the Mouth, Monthly Temperature

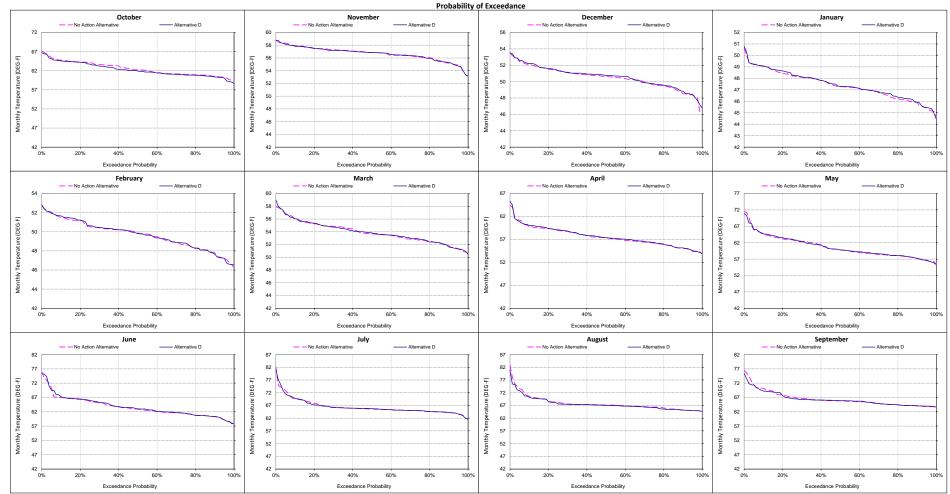


Table SQ-41-4b American River at the Mouth, Monthly Temperature Probability of Exceedance

									Probabilit	y of Exceedance									
Percent		October			Percent		November			Percent		December			Percent		January		
Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative
Probability	Monthly Temperature		Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature		Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature		Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)
0.0%	(DEG-F) 67.1	(DEG-F) 66.7	-0.4	-0.6%	0.0%	(DEG-F) 58.8	(DEG-F) 58.8	0.0	0.0%	0.0%	(DEG-F) 53.5	(DEG-F) 53.5	0.0	0.0%	0.0%	(DEG-F) 50.6	(DEG-F) 50.8	0.2	0.3%
1.3%	66.7	66.4	-0.4	-0.5%	1.3%	58.5	58.7	0.0	0.4%	1.3%	53.2	53.4	0.0	0.4%	1.3%	50.0	50.3	0.2	0.6%
2.5%	66.4	66.3	-0.1	-0.1%	2.5%	58.4	58.4	0.0	0.1%	2.5%	53.0	52.9	-0.1	-0.2%	2.5%	49.5	49.3	-0.1	-0.2%
3.8%	65.9	65.4	-0.5	-0.8%	3.8%	58.3	58.3 58.2	-0.1	-0.1%	3.8%	52.9	52.9 52.6	0.0	0.1%	3.8%	49.3	49.3	0.1	0.1%
5.0% 6.3%	65.4 65.2	65.1 64.8	-0.3 -0.4	-0.5% -0.5%	5.0% 6.3%	58.3 58.2	58.2 58.1	-0.2 -0.1	-0.3% -0.3%	5.0% 6.3%	52.4 52.4	52.6 52.6	0.2	0.3%	5.0% 6.3%	49.2 49.2	49.2 49.2	0.0	-0.1% -0.1%
7.5%	65.1	64.7	-0.3	-0.5%	7.5%	58.0	58.0	-0.1	-0.1%	7.5%	52.2	52.4	0.2	0.3%	7.5%	49.1	49.1	0.0	0.0%
8.8%	64.8	64.7	-0.1	-0.2%	8.8%	58.0	58.0	0.0	-0.1%	8.8%	52.1	52.3	0.1	0.2%	8.8%	49.1	49.1	0.0	0.0%
10.0% 11.3%	64.8 64.7	64.6 64.5	-0.2 -0.2	-0.3% -0.3%	10.0% 11.3%	58.0 57.9	57.8 57.8	-0.1 -0.1	-0.2% -0.2%	10.0% 11.3%	52.1 52.0	52.2 52.2	0.1 0.2	0.2%	10.0% 11.3%	49.0 49.0	49.1 49.0	0.0	0.1% -0.1%
12.5%	64.7	64.4	-0.2	-0.4%	12.5%	57.9	57.8	-0.1	-0.2%	12.5%	51.9	52.2	0.2	0.4%	12.5%	49.0	49.0	0.0	-0.1%
13.8%	64.5	64.4	-0.1	-0.1%	13.8%	57.9	57.8	-0.1	-0.1%	13.8%	51.8	52.0	0.2	0.3%	13.8%	48.8	48.8	0.0	0.0%
15.0%	64.4 64.4	64.4 64.3	0.0	-0.1%	15.0%	57.8	57.7	-0.1	-0.1%	15.0%	51.8	51.8 51.7	0.0	0.0%	15.0%	48.7 48.7	48.8 48.8	0.1	0.2%
16.3% 17.5%	64.3	64.3	-0.1 -0.1	-0.1% -0.1%	16.3% 17.5%	57.7 57.6	57.7 57.7	0.0	0.0%	16.3% 17.5%	51.7 51.7	51.7	0.0	0.0%	16.3% 17.5%	48.5	48.7	0.1	0.2%
18.8%	64.3	64.3	-0.1	-0.1%	18.8%	57.5	57.6	0.1	0.2%	18.8%	51.5	51.7	0.1	0.2%	18.8%	48.5	48.7	0.2	0.4%
20.0%	64.3	64.2	-0.1	-0.2%	20.0%	57.5	57.5	0.0	0.0%	20.0%	51.5	51.6	0.1	0.1%	20.0%	48.5	48.7	0.2	0.4%
21.3% 22.5%	64.3 64.2	64.2 64.1	-0.1 -0.1	-0.2% -0.2%	21.3% 22.5%	57.5 57.5	57.5 57.4	0.0	0.0% -0.1%	21.3% 22.5%	51.5 51.5	51.6 51.5	0.1	0.2%	21.3% 22.5%	48.4 48.4	48.6 48.5	0.2	0.4%
23.8%	64.2	63.8	-0.4	-0.6%	23.8%	57.5	57.4	0.0	-0.1%	23.8%	51.4	51.5	0.1	0.2%	23.8%	48.3	48.5	0.2	0.4%
25.0%	64.2	63.7	-0.4	-0.6%	25.0%	57.4	57.4	-0.1	-0.1%	25.0%	51.3	51.3	0.0	0.0%	25.0%	48.2	48.3	0.1	0.1%
26.3% 27.5%	64.0 63.7	63.5 63.5	-0.5 -0.2	-0.8% -0.3%	26.3% 27.5%	57.4 57.3	57.3 57.2	-0.2 -0.1	-0.3% -0.2%	26.3% 27.5%	51.2 51.2	51.3 51.2	0.1	0.1%	26.3% 27.5%	48.2 48.2	48.3 48.3	0.1 0.1	0.2%
27.5%	63.7	63.4	-0.2	-0.5%	27.5%	57.3 57.3	57.2 57.2	-0.1	-0.2%	27.5%	51.2 51.2	51.2 51.1	0.1	-0.1%	27.5%	48.2 48.1	48.3 48.2	0.1	0.2%
30.0%	63.6	63.2	-0.4	-0.7%	30.0%	57.3	57.2	-0.1	-0.2%	30.0%	51.1	51.1	0.0	-0.1%	30.0%	48.1	48.1	0.0	0.1%
31.3%	63.6	63.2	-0.4	-0.6%	31.3%	57.3	57.2	-0.1	-0.1%	31.3%	51.1	51.0	-0.1	-0.1%	31.3%	48.1	48.1	0.0	0.0%
32.5% 33.8%	63.5 63.5	63.1 63.0	-0.4 -0.5	-0.6% -0.7%	32.5% 33.8%	57.2 57.2	57.2 57.2	-0.1 -0.1	-0.1% -0.1%	32.5% 33.8%	51.0 51.0	51.0 51.0	0.0	0.0%	32.5% 33.8%	48.0 48.0	48.1 48.1	0.0	0.0%
35.0%	63.4	62.9	-0.5	-0.8%	35.0%	57.2	57.2	0.0	-0.1%	35.0%	50.9	51.0	0.1	0.1%	35.0%	48.0	48.1	0.0	0.1%
36.3%	63.3	62.9	-0.4	-0.7%	36.3%	57.2	57.1	-0.1	-0.1%	36.3%	50.9	51.0	0.2	0.3%	36.3%	48.0	48.0	0.0	0.0%
37.5% 38.8%	63.3 63.3	62.7 62.4	-0.6 -0.8	-0.9% -1.3%	37.5% 38.8%	57.2 57.2	57.1 57.1	-0.1 -0.1	-0.1% -0.2%	37.5% 38.8%	50.8 50.8	51.0 51.0	0.2	0.3%	37.5% 38.8%	47.9 47.9	47.9 47.9	0.0	0.0%
40.0%	63.3	62.3	-0.8	-1.5%	40.0%	57.1	57.0	0.0	0.0%	40.0%	50.8	50.9	0.1	0.3%	40.0%	47.8	47.8	0.0	0.0%
41.3%	62.8	62.3	-0.5	-0.8%	41.3%	57.1	57.0	-0.1	-0.1%	41.3%	50.8	50.9	0.1	0.2%	41.3%	47.8	47.8	0.0	0.0%
42.5%	62.8	62.3	-0.5	-0.9%	42.5%	57.0	57.0	-0.1	-0.1%	42.5%	50.8	50.9	0.1	0.2%	42.5%	47.7	47.7	0.0	0.0%
43.8% 45.0%	62.7 62.6	62.2 62.1	-0.4 -0.5	-0.7% -0.8%	43.8% 45.0%	57.0 57.0	57.0 56.9	-0.1 -0.1	-0.1% -0.1%	43.8% 45.0%	50.8 50.8	50.9 50.9	0.1	0.2%	43.8% 45.0%	47.5 47.5	47.6 47.6	0.1	0.1%
46.3%	62.3	62.1	-0.3	-0.4%	46.3%	56.9	56.9	0.0	-0.1%	46.3%	50.7	50.9	0.1	0.2%	46.3%	47.4	47.5	0.1	0.1%
47.5%	62.3	62.0	-0.3	-0.4%	47.5%	56.9	56.9	0.0	-0.1%	47.5%	50.7	50.8	0.2	0.3%	47.5%	47.3	47.5	0.2	0.3%
48.8% 50.0%	62.3 62.2	62.0 61.9	-0.3	-0.4% -0.5%	48.8% 50.0%	56.9 56.8	56.8 56.8	0.0	0.0%	48.8% 50.0%	50.6 50.6	50.8 50.8	0.2	0.3%	48.8% 50.0%	47.3 47.3	47.3 47.3	0.0	0.1%
51.3%	62.2	61.8	-0.3 -0.4	-0.6%	51.3%	56.8	56.8	0.0	0.0%	51.3%	50.6	50.8	0.2	0.3%	51.3%	47.3	47.3	0.0	0.0%
52.5%	62.2	61.8	-0.4	-0.6%	52.5%	56.8	56.8	0.0	0.0%	52.5%	50.6	50.8	0.2	0.4%	52.5%	47.3	47.3	0.0	0.1%
53.8%	62.1	61.7	-0.5	-0.7%	53.8%	56.8	56.8	0.0	0.0%	53.8%	50.6	50.7	0.1	0.3%	53.8%	47.2	47.3	0.0	0.1%
55.0% 56.3%	62.0 61.8	61.7 61.6	-0.3 -0.2	-0.6% -0.3%	55.0% 56.3%	56.8 56.8	56.8 56.8	0.0	0.0%	55.0% 56.3%	50.5 50.5	50.7 50.7	0.2	0.4%	55.0% 56.3%	47.2 47.2	47.3 47.3	0.0	0.1% 0.1%
57.5%	61.8	61.6	-0.2	-0.3%	57.5%	56.7	56.8	0.0	0.0%	57.5%	50.5	50.7	0.2	0.4%	57.5%	47.2	47.2	0.1	0.1%
58.8%	61.6	61.5	-0.1	-0.1%	58.8%	56.5	56.7	0.2	0.3%	58.8%	50.4	50.6	0.2	0.5%	58.8%	47.2	47.2	0.0	0.0%
60.0%	61.5	61.4	-0.1	-0.1%	60.0%	56.5	56.5	0.1	0.1%	60.0%	50.4	50.6	0.3	0.5%	60.0%	47.1 47.0	47.1 47.0	0.0	0.0%
61.3% 62.5%	61.5 61.4	61.4 61.3	-0.1 -0.1	-0.1% -0.1%	61.3% 62.5%	56.4 56.4	56.5 56.5	0.1	0.1%	61.3% 62.5%	50.3 50.3	50.6 50.4	0.3	0.7%	61.3% 62.5%	47.0	47.0	0.0	0.1%
63.8%	61.3	61.2	-0.1	-0.2%	63.8%	56.4	56.5	0.1	0.1%	63.8%	50.3	50.4	0.1	0.2%	63.8%	47.0	47.0	0.0	0.0%
65.0%	61.3	61.1	-0.1	-0.2%	65.0%	56.4	56.5	0.0	0.1%	65.0%	50.2	50.2	0.0	-0.1%	65.0%	47.0	47.0	0.0	0.0%
66.3% 67.5%	61.2 61.2	61.1 61.1	-0.1 -0.1	-0.1% -0.2%	66.3% 67.5%	56.4 56.4	56.5 56.5	0.1 0.1	0.1%	66.3% 67.5%	50.2 50.2	50.1 50.1	-0.1 -0.1	-0.1% -0.1%	66.3% 67.5%	46.9 46.9	46.9 46.9	0.0	0.1% 0.1%
68.8%	61.2	61.0	-0.1	-0.2%	68.8%	56.4	56.4	0.0	0.1%	68.8%	50.1	49.9	-0.2	-0.3%	68.8%	46.8	46.9	0.0	0.1%
70.0%	61.2	61.0	-0.1	-0.2%	70.0%	56.3	56.4	0.0	0.1%	70.0%	49.9	49.9	-0.1	-0.1%	70.0%	46.8	46.8	-0.1	-0.2%
71.3%	61.1 61.1	61.0 61.0	-0.2 -0.1	-0.3%	71.3%	56.3 56.2	56.3 56.3	0.1	0.1%	71.3%	49.8 49.8	49.8 49.8	0.0	0.1%	71.3%	46.7 46.6	46.7 46.7	0.0	0.1%
72.5% 73.8%	61.1	61.0	-0.1	-0.2% -0.2%	72.5% 73.8%	56.2	56.3	0.1	0.2%	72.5% 73.8%	49.8	49.8	0.0	0.0%	72.5% 73.8%	46.5	46.7 46.7	0.1	0.2%
75.0%	61.1	60.9	-0.2	-0.3%	75.0%	56.1	56.2	0.1	0.2%	75.0%	49.6	49.7	0.1	0.3%	75.0%	46.5	46.7	0.2	0.4%
76.3%	61.0	60.9	-0.2	-0.3%	76.3%	56.1	56.2	0.1	0.2%	76.3%	49.6	49.6	0.1	0.1%	76.3%	46.3	46.7	0.3	0.6%
77.5% 78.8%	61.0 61.0	60.8 60.8	-0.2 -0.1	-0.3% -0.2%	77.5% 78.8%	56.1 56.1	56.0 56.0	-0.1 -0.1	-0.1% -0.2%	77.5% 78.8%	49.5 49.5	49.6 49.6	0.1 0.1	0.2%	77.5% 78.8%	46.3 46.2	46.5 46.5	0.2	0.4% 0.5%
80.0%	60.9	60.8	-0.1	-0.2%	80.0%	56.0	55.9	-0.1	-0.2%	80.0%	49.5	49.6	0.1	0.2%	80.0%	46.2	46.3	0.1	0.3%
81.3%	60.9	60.8	-0.1	-0.2%	81.3%	55.9	55.9	0.0	-0.1%	81.3%	49.4	49.5	0.1	0.2%	81.3%	46.1	46.3	0.2	0.4%
82.5%	60.9	60.7	-0.1	-0.2%	82.5%	55.7	55.6	-0.1	-0.1%	82.5%	49.4	49.5	0.1	0.2%	82.5%	46.1	46.3	0.2	0.3%
83.8% 85.0%	60.9 60.8	60.7 60.6	-0.2 -0.2	-0.3% -0.3%	83.8% 85.0%	55.7 55.6	55.6 55.4	-0.1 -0.1	-0.2% -0.3%	83.8% 85.0%	49.3 49.2	49.5 49.3	0.2	0.3%	83.8% 85.0%	46.1 46.1	46.2 46.2	0.1	0.2%
86.3%	60.8	60.5	-0.2	-0.4%	86.3%	55.5	55.4	-0.1	-0.2%	86.3%	49.1	49.2	0.2	0.3%	86.3%	46.0	46.2	0.2	0.5%
87.5%	60.7	60.5	-0.2	-0.3%	87.5%	55.4	55.4	0.0	0.0%	87.5%	48.9	49.1	0.2	0.4%	87.5%	46.0	46.2	0.2	0.4%
88.8%	60.6 60.6	60.5 60.4	-0.1	-0.2%	88.8%	55.2 55.2	55.4 55.3	0.1	0.2%	88.8%	48.8 48.5	48.9 48.8	0.1	0.2%	88.8%	45.9 45.9	46.0 45.9	0.0	0.0%
90.0% 91.3%	60.6 60.5	60.4	-0.2 -0.2	-0.3% -0.4%	90.0% 91.3%	55.2 55.1	55.3 55.2	0.1 0.1	0.2%	90.0% 91.3%	48.5 48.5	48.8 48.6	0.3	0.6%	90.0% 91.3%	45.9 45.6	45.9 45.9	0.0	0.0%
92.5%	60.4	60.2	-0.1	-0.2%	92.5%	55.0	55.0	0.0	-0.1%	92.5%	48.5	48.5	0.1	0.2%	92.5%	45.6	45.6	0.0	-0.1%
93.8%	60.4	60.2	-0.1	-0.2%	93.8%	54.9	54.8	-0.1	-0.2%	93.8%	48.4	48.5	0.0	0.1%	93.8%	45.5	45.5	0.0	0.0%
95.0% 96.3%	60.2 60.1	60.1 59.3	-0.2 -0.8	-0.3%	95.0% 96.3%	54.9 54.6	54.7 54.6	-0.2 0.0	-0.3% 0.0%	95.0% 96.3%	48.4 48.2	48.4 48.0	0.0 -0.1	0.1% -0.3%	95.0% 96.3%	45.4 45.3	45.5 45.4	0.0	0.0%
96.3%	59.6	59.3 59.2	-0.8	-1.3% -0.8%	96.3%	54.6	54.6 53.9	0.0	0.0%	96.3% 97.5%	48.2 48.0	48.0 47.7	-0.1	-0.3%	96.3% 97.5%	45.3 45.2	45.4 45.4	0.2	0.4%
98.8%	59.5	59.0	-0.5	-0.9%	98.8%	53.3	53.3	0.0	0.0%	98.8%	46.3	47.2	0.8	1.8%	98.8%	45.1	45.0	-0.2	-0.4%
100.0%	59.2	58.7	-0.5	-0.8%	100.0%	53.2	53.1	0.0	0.0%	100.0%	46.2	46.8	0.5	1.1%	100.0%	44.6	44.4	-0.2	-0.4%

Table SQ-41-4b American River at the Mouth, Monthly Temperature Probability of Exceedance

April

May

March

February

Percent		rebruary			Percent		March			Percent		Aprii			Percent		мау		
Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative	Exceedance	No Action Alternative	Alternative D	Absolute	Relative
Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)	Probability	Monthly Temperature	Monthly Temperature	Difference (DEG-F)	Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	(DEG-F)		(%)	(DEG-F)	(DEG-F)	. ,		(%)	(DEG-F)	(DEG-F)	. ,	
0.0%	52.7	52.8	0.1	0.3%	0.0%	57.9	59.0	1.1	1.8%	0.0%	64.4	65.3	0.9	1.4%	0.0%	71.5	70.8	-0.6	-0.9%
1.3%	52.4	52.4	0.0	-0.1%	1.3%	57.8	57.9	0.1	0.3%	1.3%	64.0	64.5	0.5	0.8%	1.3%	71.3	70.3	-1.0	-1.3%
2.5%	52.2	52.2	-0.1	-0.2%	2.5%	57.6	57.7	0.1	0.1%	2.5%	61.4	61.6	0.2	0.3%	2.5%	69.7	68.0	-1.7	-2.4%
3.8%	52.1 52.1	52.1	0.0	-0.1%	3.8%	57.2	57.3 56.7	0.2	0.3%	3.8%	61.3	61.2	-0.1	-0.2%	3.8%	67.2	67.9	0.8	1.2%
5.0% 6.3%	52.1 51.8	51.9 51.8	-0.1 0.1	-0.3% 0.1%	5.0% 6.3%	56.9 56.7	56.7	-0.2 0.0	-0.3% 0.0%	5.0% 6.3%	61.2 60.9	60.9 60.5	-0.3 -0.4	-0.5% -0.7%	5.0% 6.3%	66.0 65.7	66.0 66.0	0.1	0.1%
7.5%	51.6	51.6	0.1	0.1%	7.5%	56.6	56.3	-0.3	-0.5%	7.5%	60.3	60.3	0.0	0.7%	7.5%	65.4	65.5	0.4	0.6%
8.8%	51.6	51.7	0.0	0.2%	8.8%	56.4	56.2	-0.1	-0.2%	8.8%	60.1	60.3	0.0	0.3%	8.8%	65.1	64.9	-0.2	-0.3%
10.0%	51.5	51.7	0.1	0.2%	10.0%	55.9	56.0	0.1	0.2%	10.0%	59.8	60.0	0.2	0.4%	10.0%	64.9	64.7	-0.2	-0.4%
11.3%	51.5	51.5	0.1	0.1%	11.3%	55.8	56.0	0.1	0.3%	11.3%	59.8	60.0	0.3	0.5%	11.3%	64.3	64.6	0.3	0.5%
12.5%	51.4	51.5	0.1	0.3%	12.5%	55.8	55.6	-0.2	-0.4%	12.5%	59.6	60.0	0.4	0.6%	12.5%	64.3	64.6	0.3	0.5%
13.8%	51.3	51.5	0.2	0.4%	13.8%	55.6	55.6	0.0	0.0%	13.8%	59.6	59.9	0.3	0.5%	13.8%	64.0	64.3	0.3	0.4%
15.0%	51.3	51.4	0.2	0.4%	15.0%	55.4	55.6	0.2	0.3%	15.0%	59.5	59.9	0.4	0.6%	15.0%	63.8	64.1	0.3	0.5%
16.3%	51.2	51.4	0.2	0.4%	16.3%	55.4	55.6	0.2	0.3%	16.3%	59.5	59.7	0.2	0.4%	16.3%	63.6	64.0	0.4	0.7%
17.5%	51.2	51.4	0.2	0.3%	17.5%	55.4	55.4	0.0	0.1%	17.5%	59.5	59.7	0.2	0.4%	17.5%	63.5	63.8	0.3	0.4%
18.8%	51.2	51.2	0.0	0.1%	18.8%	55.3	55.4	0.1	0.2%	18.8%	59.5	59.6	0.1	0.2%	18.8%	63.5	63.6	0.1	0.2%
20.0%	51.2	51.2	0.1	0.1%	20.0%	55.2	55.3	0.1	0.2%	20.0%	59.4	59.3	-0.1	-0.2%	20.0%	63.2	63.6	0.4	0.6%
21.3%	51.1	51.2	0.0	0.0%	21.3%	55.2	55.3	0.1	0.1%	21.3%	59.3	59.3	0.0	0.0%	21.3%	63.0	63.3	0.3	0.4%
22.5%	50.8	51.1	0.3	0.7%	22.5%	55.1	55.2	0.1	0.1%	22.5%	59.3	59.2	0.0	0.0%	22.5%	63.0	63.2	0.2	0.3%
23.8% 25.0%	50.6 50.5	50.7 50.6	0.1	0.2%	23.8% 25.0%	55.0 54.9	55.0 54.9	0.0	0.0% -0.1%	23.8% 25.0%	59.0 58.9	59.1 59.1	0.1	0.3%	23.8% 25.0%	62.9 62.9	63.1 63.1	0.2	0.3%
26.3%	50.5	50.6	0.1	0.2%	26.3%	54.9	54.9	0.0	0.0%	26.3%	58.9	59.0	0.2	0.2%	26.3%	62.7	62.8	0.2	0.3%
27.5%	50.5	50.5	0.0	0.2%	27.5%	54.9	54.8	0.0	-0.1%	27.5%	58.8	58.9	0.1	0.2%	27.5%	62.7	62.8	0.2	0.2%
28.8%	50.5	50.5	0.0	0.0%	28.8%	54.9	54.8	-0.1	-0.1%	28.8%	58.8	58.9	0.1	0.3%	28.8%	62.6	62.3	-0.3	-0.4%
30.0%	50.4	50.4	0.0	0.0%	30.0%	54.9	54.7	-0.1	-0.2%	30.0%	58.8	58.8	0.1	0.1%	30.0%	62.4	62.3	-0.1	-0.2%
31.3%	50.4	50.4	0.0	0.1%	31.3%	54.8	54.7	-0.1	-0.2%	31.3%	58.6	58.6	0.1	0.1%	31.3%	62.4	62.3	-0.1	-0.2%
32.5%	50.3	50.4	0.1	0.1%	32.5%	54.8	54.7	-0.1	-0.2%	32.5%	58.5	58.5	0.0	0.0%	32.5%	62.4	61.8	-0.5	-0.8%
33.8%	50.3	50.4	0.1	0.1%	33.8%	54.8	54.5	-0.2	-0.4%	33.8%	58.4	58.5	0.1	0.2%	33.8%	62.1	61.7	-0.3	-0.6%
35.0%	50.3	50.4	0.1	0.1%	35.0%	54.7	54.5	-0.2	-0.4%	35.0%	58.4	58.3	0.0	-0.1%	35.0%	62.1	61.7	-0.4	-0.7%
36.3%	50.3	50.3	0.1	0.1%	36.3%	54.6	54.4	-0.2	-0.3%	36.3%	58.1	58.0	-0.1	-0.1%	36.3%	61.8	61.6	-0.3	-0.4%
37.5%	50.2	50.3	0.0	0.1%	37.5%	54.5	54.4	-0.2	-0.3%	37.5%	58.1	58.0	-0.1	-0.2%	37.5%	61.8	61.5	-0.3	-0.4%
38.8%	50.2	50.2	0.0	0.0%	38.8%	54.5	54.2	-0.3	-0.6%	38.8%	57.9	58.0	0.1	0.1%	38.8%	61.4	61.4	0.0	0.0%
40.0%	50.2 50.2	50.2 50.2	0.0	0.0%	40.0%	54.5 54.3	54.2 54.1	-0.3	-0.6% -0.4%	40.0%	57.8 57.8	57.9 57.8	0.0	0.1% 0.1%	40.0%	60.9 60.7	61.4 60.8	0.5 0.1	0.9%
41.3%			0.0		41.3%			-0.2		41.3%			0.1		41.3%				0.1%
42.5% 43.8%	50.2 50.2	50.2 50.2	0.0	0.0%	42.5% 43.8%	54.1 53.9	54.1 54.0	0.0	-0.1% 0.3%	42.5% 43.8%	57.5 57.5	57.8 57.8	0.3	0.5%	42.5% 43.8%	60.6 60.3	60.8 60.2	0.2 -0.2	0.4%
45.0%	50.2	50.2	0.0	0.0% -0.1%	45.0%	53.8	54.0	0.1	0.3%	45.0%	57.5 57.5	57.7	0.2	0.4%	45.0%	60.1	60.2	0.1	-0.3% 0.1%
46.3%	50.1	50.0	-0.1	-0.1%	46.3%	53.8	54.0	0.2	0.4%	46.3%	57.5	57.6	0.1	0.3%	46.3%	60.1	60.1	0.0	0.0%
47.5%	50.0	49.9	-0.1	-0.2%	47.5%	53.7	53.9	0.2	0.3%	47.5%	57.4	57.5	0.1	0.1%	47.5%	60.1	60.0	0.0	-0.1%
48.8%	50.0	49.9	-0.1	-0.2%	48.8%	53.7	53.9	0.2	0.3%	48.8%	57.4	57.5	0.0	0.1%	48.8%	60.0	60.0	0.0	-0.1%
50.0%	49.9	49.8	0.0	-0.1%	50.0%	53.7	53.8	0.2	0.3%	50.0%	57.3	57.4	0.1	0.1%	50.0%	59.8	59.8	0.0	0.0%
51.3%	49.8	49.8	0.0	0.0%	51.3%	53.7	53.7	0.1	0.1%	51.3%	57.3	57.3	0.0	0.0%	51.3%	59.7	59.8	0.1	0.1%
52.5%	49.8	49.8	0.0	-0.1%	52.5%	53.6	53.7	0.1	0.2%	52.5%	57.2	57.3	0.1	0.2%	52.5%	59.7	59.7	0.0	0.0%
53.8%	49.8	49.7	-0.1	-0.2%	53.8%	53.6	53.6	0.0	0.0%	53.8%	57.1	57.3	0.2	0.3%	53.8%	59.7	59.6	0.0	-0.1%
55.0%	49.8	49.7	-0.1	-0.2%	55.0%	53.6	53.6	0.0	0.0%	55.0%	57.1	57.2	0.2	0.3%	55.0%	59.4	59.5	0.1	0.2%
56.3%	49.7	49.6	-0.1	-0.2%	56.3%	53.5	53.5	0.0	0.1%	56.3%	57.0	57.1	0.1	0.2%	56.3%	59.2	59.4	0.2	0.3%
57.5%	49.6	49.6	-0.1	-0.1%	57.5%	53.5	53.5	0.0	0.0%	57.5%	57.0	57.1	0.1	0.3%	57.5%	59.2	59.3	0.1	0.1%
58.8% 60.0%	49.5 49.5	49.4 49.4	-0.1 -0.1	-0.2% -0.3%	58.8% 60.0%	53.5 53.5	53.5 53.5	0.0	0.0%	58.8% 60.0%	57.0 56.8	57.1 57.1	0.1	0.2%	58.8% 60.0%	59.1 59.0	59.3 59.2	0.1 0.2	0.3%
61.3%	49.5	49.3	0.0	-0.1%	61.3%	53.4	53.5	0.0	0.0%	61.3%	56.7	57.1	0.3	0.4%	61.3%	58.9	59.2	0.2	0.5%
62.5%	49.3	49.3	0.0	0.0%	62.5%	53.2	53.4	0.1	0.1%	62.5%	56.7	57.0	0.2	0.4%	62.5%	58.8	59.0	0.3	0.3%
63.8%	49.2	49.3	0.1	0.2%	63.8%	53.2	53.3	0.1	0.2%	63.8%	56.7	56.9	0.2	0.4%	63.8%	58.8	58.9	0.2	0.3%
65.0%	49.1	49.2	0.1	0.2%	65.0%	53.1	53.3	0.1	0.3%	65.0%	56.6	56.7	0.1	0.2%	65.0%	58.7	58.9	0.2	0.3%
66.3%	49.0	49.1	0.1	0.3%	66.3%	53.1	53.3	0.2	0.3%	66.3%	56.6	56.7	0.2	0.3%	66.3%	58.7	58.8	0.1	0.1%
67.5%	49.0	49.0	0.0	0.0%	67.5%	52.9	53.1	0.3	0.5%	67.5%	56.6	56.7	0.1	0.2%	67.5%	58.7	58.7	0.0	0.0%
68.8%	48.9	48.9	0.0	0.0%	68.8%	52.9	53.1	0.3	0.5%	68.8%	56.5	56.7	0.2	0.4%	68.8%	58.4	58.7	0.2	0.4%
70.0%	48.9	48.9	0.0	0.0%	70.0%	52.8	53.0	0.1	0.3%	70.0%	56.4	56.6	0.1	0.2%	70.0%	58.4	58.6	0.2	0.4%
71.3%	48.8	48.9	0.0	0.1%	71.3%	52.8	53.0	0.1	0.3%	71.3%	56.3	56.5	0.1	0.2%	71.3%	58.3	58.5	0.2	0.3%
72.5%	48.7	48.8	0.2	0.4%	72.5%	52.8	53.0	0.2	0.3%	72.5%	56.3	56.4	0.1	0.2%	72.5%	58.3	58.5	0.2	0.3%
73.8% 75.0%	48.7 48.6	48.8 48.8	0.2	0.3%	73.8% 75.0%	52.7 52.7	52.9 52.8	0.2 0.1	0.4%	73.8% 75.0%	56.3 56.2	56.4 56.4	0.1 0.2	0.2%	73.8% 75.0%	58.3 58.1	58.4 58.3	0.1 0.2	0.1%
76.3%	48.6	48.7	0.2	0.4%	76.3%	52.7	52.8	0.1	0.2%	76.3%	56.1	56.2	0.2	0.1%	76.3%	58.1	58.1	0.2	0.3%
77.5%	48.5	48.5	0.0	0.0%	77.5%	52.6	52.7	0.1	0.2%	77.5%	56.0	56.2	0.0	0.1%	77.5%	58.1	58.1	0.0	0.0%
78.8%	48.3	48.3	0.1	0.1%	78.8%	52.6	52.5	-0.1	-0.3%	78.8%	56.0	56.0	0.1	0.1%	78.8%	58.1	58.1	0.0	0.1%
80.0%	48.3	48.3	0.0	0.1%	80.0%	52.6	52.4	-0.2	-0.4%	80.0%	55.9	56.0	0.1	0.2%	80.0%	58.1	58.1	0.0	0.0%
81.3%	48.3	48.3	0.0	0.1%	81.3%	52.4	52.4	0.0	-0.1%	81.3%	55.8	55.7	-0.1	-0.2%	81.3%	58.0	58.1	0.1	0.1%
82.5%	48.2	48.1	-0.1	-0.2%	82.5%	52.4	52.4	0.0	0.0%	82.5%	55.7	55.7	0.0	0.0%	82.5%	57.9	58.0	0.1	0.3%
83.8%	48.2	48.1	-0.1	-0.1%	83.8%	52.3	52.3	0.1	0.1%	83.8%	55.7	55.7	0.0	0.0%	83.8%	57.8	57.9	0.1	0.1%
85.0%	48.1	48.1	0.0	0.0%	85.0%	52.2	52.3	0.1	0.2%	85.0%	55.5	55.4	-0.1	-0.2%	85.0%	57.8	57.8	0.0	0.0%
86.3%	48.1	48.0	0.0	-0.1%	86.3%	52.1	52.2	0.0	0.1%	86.3%	55.2	55.2	0.0	0.0%	86.3%	57.6	57.6	0.0	0.1%
87.5%	48.0	47.8	-0.2	-0.3%	87.5%	52.1	52.0	-0.1	-0.2%	87.5%	55.2	55.2	0.0	0.0%	87.5%	57.6	57.5	0.0	-0.1%
88.8%	47.8	47.8	0.0	-0.1%	88.8%	51.9	52.0	0.0	0.1%	88.8%	55.1	55.2	0.0	0.0%	88.8%	57.2	57.4	0.2	0.3%
90.0%	47.8	47.7	-0.1	-0.3%	90.0%	51.8	51.6	-0.2	-0.4%	90.0%	55.1	55.1	0.1	0.1%	90.0%	57.1	57.3	0.2	0.3%
91.3% 92.5%	47.4 47.4	47.4 47.3	0.0 -0.1	0.0% -0.2%	91.3% 92.5%	51.5 51.5	51.5 51.4	0.0 -0.1	0.0% -0.2%	91.3% 92.5%	55.0 55.0	55.0 54.9	-0.1 -0.1	-0.1% -0.2%	91.3% 92.5%	57.0 57.0	57.0 56.8	0.0 -0.2	0.1% -0.3%
92.5%	47.4 47.2	47.3 47.3	-0.1	-0.2%	92.5%	51.5 51.5	51.4 51.4	-0.1	-0.2%	92.5%	55.0 54.7	54.9 54.8	-0.1	-0.2%	92.5%	57.0 56.7	56.8	0.0	-0.3%
95.0%	47.2	47.2	0.0	0.1%	95.0%	51.2	51.3	0.1	0.2%	95.0%	54.6	54.4	-0.2	-0.4%	95.0%	56.7	56.5	-0.2	-0.1%
96.3%	47.1	46.7	-0.4	-0.8%	96.3%	51.2	51.2	0.1	0.1%	96.3%	54.4	54.3	-0.2	-0.4%	96.3%	56.4	56.3	-0.1	-0.1%
97.5%	46.8	46.6	-0.2	-0.4%	97.5%	50.9	51.1	0.1	0.5%	97.5%	54.4	54.3	-0.1	-0.2%	97.5%	56.3	56.1	-0.2	-0.4%
98.8%	46.6	46.5	0.0	-0.1%	98.8%	50.8	50.9	0.0	0.1%	98.8%	54.3	54.1	-0.2	-0.3%	98.8%	56.2	55.8	-0.4	-0.6%
100.0%	46.3	46.5	0.3	0.6%	100.0%	50.5	50.5	0.0	0.0%	100.0%	53.8	53.9	0.0	0.0%	100.0%	55.4	55.3	-0.1	-0.3%

Table SQ-41-4b American River at the Mouth, Monthly Temperature Probability of Exceedance

									Probability	of Exceedance									
Percent		June			Percent		July			Percent		August			Percent		September		
Exceedance Probability	No Action Alternative Monthly Temperature	Alternative D Monthly Temperature	Absolute Difference	Relative Difference (%)	Exceedance Probability	No Action Alternative Monthly Temperature	Alternative D Monthly Temperature	Absolute Difference	Relative Difference (%)	Exceedance Probability	No Action Alternative Monthly Temperature	Alternative D Monthly Temperature	Absolute Difference	Relative Difference (%)	Exceedance Probability	No Action Alternative Monthly Temperature	Alternative D Monthly Temperature	Absolute Difference	Relative Difference (%)
(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (%)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (%)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (%)	(%)	(DEG-F)	(DEG-F)	(DEG-F)	Difference (%)
0.0%	76.0	75.3	-0.7	-0.9%	0.0%	82.2	81.2	-1.0	-1.2%	0.0%	82.7	80.9	-1.9	-2.3%	0.0%	76.5	75.4	-1.1	-1.4%
1.3%	73.8 73.1	75.2 74.3	1.3	1.8%	1.3%	74.9 74.2	77.0 75.2	2.1	2.9%	1.3%	78.1 75.5	75.4 75.3	-2.7 -0.2	-3.4% -0.3%	1.3%	75.6 74.6	73.5 71.8	-2.0 -2.7	-2.7% -3.7%
3.8%	72.0	71.1	-0.9	-1.3%	3.8%	73.8	72.9	-0.9	-1.2%	3.8%	74.5	73.1	-1.4	-1.9%	3.8%	72.7	71.4	-1.3	-1.8%
5.0%	70.5	69.5	-1.0	-1.4%	5.0%	72.8	71.5	-1.3	-1.8%	5.0%	73.6	72.8	-0.8	-1.1%	5.0%	71.5	71.4	-0.1	-0.1%
6.3% 7.5%	67.3 67.1	69.5 68.0	2.2 0.9	3.2% 1.3%	6.3% 7.5%	71.9 70.5	70.9 70.7	-1.0 0.2	-1.4% 0.3%	6.3% 7.5%	73.2 71.6	72.1 70.7	-1.1 -1.0	-1.5% -1.3%	6.3% 7.5%	70.5 70.4	70.5 70.1	0.0 -0.3	-0.1% -0.4%
8.8%	67.1	67.9	0.8	1.3%	8.8%	69.9	70.3	0.4	0.5%	8.8%	71.0	70.7	-0.3	-0.5%	8.8%	70.3	69.6	-0.7	-1.0%
10.0% 11.3%	67.1 66.9	67.3 66.9	0.2	0.3% 0.1%	10.0% 11.3%	69.4 69.4	69.8 69.6	0.4 0.1	0.5% 0.2%	10.0% 11.3%	70.6 70.4	70.2 69.9	-0.4 -0.6	-0.6% -0.8%	10.0% 11.3%	70.3 69.6	69.2 69.2	-1.0 -0.4	-1.5% -0.5%
12.5%	66.9	66.9	0.0	0.0%	12.5%	69.3	69.5	0.2	0.3%	12.5%	70.1	69.8	-0.3	-0.5%	12.5%	69.4	69.0	-0.4	-0.5%
13.8% 15.0%	66.8 66.7	66.7	-0.2 -0.1	-0.2%	13.8% 15.0%	69.1 68.7	69.2 69.0	0.1	0.1%	13.8% 15.0%	69.9	69.7	-0.3	-0.4%	13.8% 15.0%	69.4	69.0	-0.4 -0.4	-0.5% -0.5%
16.3%	66.5	66.6 66.6	0.1	-0.1% 0.1%	16.3%	68.6	67.9	0.3 -0.6	0.5% -0.9%	16.3%	69.8 69.6	69.6 69.6	-0.2 -0.1	-0.2% -0.1%	16.3%	69.3 68.4	68.9 68.8	0.4	0.5%
17.5%	66.4	66.6	0.2	0.3%	17.5%	68.3	67.9	-0.5	-0.7%	17.5%	69.5	69.5	0.1	0.1%	17.5%	68.0	68.7	0.7	1.1%
18.8% 20.0%	66.3 66.3	66.5 66.4	0.2	0.3%	18.8% 20.0%	67.9 67.9	67.4 67.2	-0.5 -0.7	-0.7% -1.0%	18.8% 20.0%	69.5 68.9	69.5 68.4	0.0 -0.4	0.0%	18.8% 20.0%	67.9 67.9	68.7 67.7	0.7 -0.2	1.1% -0.4%
21.3%	66.3	66.4	0.1	0.2%	21.3%	67.8	67.2	-0.6	-0.9%	21.3%	68.5	68.2	-0.2	-0.4%	21.3%	67.6	67.1	-0.6	-0.9%
22.5%	66.0	66.3	0.3	0.4%	22.5%	67.0	67.0	0.0	0.0%	22.5%	68.4	68.2	-0.2	-0.3%	22.5%	67.5	66.9	-0.5	-0.8%
23.8%	66.0 65.6	66.2 66.0	0.2	0.2%	23.8% 25.0%	67.0 66.8	66.8 66.8	-0.2	-0.3%	23.8% 25.0%	68.3 68.3	68.2 67.6	-0.1 -0.7	-0.2% -1.0%	23.8% 25.0%	67.2 67.2	66.8 66.7	-0.4 -0.5	-0.7% -0.8%
26.3%	65.4	65.8	0.4	0.6%	26.3%	66.7	66.7	0.0	0.0%	26.3%	68.0	67.6	-0.4	-0.6%	26.3%	67.1	66.5	-0.6	-0.9%
27.5%	65.4	65.7	0.3	0.4%	27.5%	66.5	66.6	0.1	0.2%	27.5%	67.9	67.5	-0.4	-0.6%	27.5%	66.8	66.5	-0.3	-0.5%
28.8% 30.0%	65.2 65.2	65.5 65.2	0.3	0.5%	28.8% 30.0%	66.4 66.3	66.2 66.2	-0.2 -0.1	-0.3% -0.2%	28.8% 30.0%	67.7 67.6	67.5 67.4	-0.2 -0.2	-0.3% -0.2%	28.8% 30.0%	66.8 66.6	66.3 66.3	-0.4 -0.3	-0.7% -0.4%
31.3%	65.1	65.2	0.1	0.1%	31.3%	66.3	66.2	-0.1	-0.2%	31.3%	67.5	67.4	-0.1	-0.2%	31.3%	66.6	66.3	-0.3	-0.5%
32.5%	64.9	65.1	0.2	0.4%	32.5%	66.2	66.1	-0.1	-0.2%	32.5%	67.5	67.4	-0.1	-0.1%	32.5%	66.6	66.3	-0.3	-0.5%
33.8% 35.0%	64.3 64.3	65.1 64.7	0.8	1.2%	33.8% 35.0%	66.2 66.1	66.1 66.0	-0.1 -0.1	-0.2% -0.1%	33.8% 35.0%	67.5 67.4	67.4 67.4	-0.1 -0.1	-0.1% -0.1%	33.8% 35.0%	66.3 66.3	66.3 66.2	0.0 -0.1	0.0% -0.2%
36.3%	64.1	64.3	0.2	0.3%	36.3%	66.0	65.9	-0.1	-0.1%	36.3%	67.4	67.4	0.0	0.0%	36.3%	66.3	66.1	-0.1	-0.2%
37.5% 38.8%	64.0 63.7	64.0 63.9	0.0	0.0%	37.5% 38.8%	66.0 65.9	65.9 65.9	0.0	0.0%	37.5% 38.8%	67.4 67.3	67.3 67.3	0.0	0.0%	37.5% 38.8%	66.2 66.2	66.1 66.1	-0.1 -0.1	-0.1% -0.1%
40.0%	63.7	63.8	0.1	0.2%	40.0%	65.9	65.9	0.0	0.0%	40.0%	67.3	67.3	0.0	-0.1%	40.0%	66.1	66.1	0.0	0.0%
41.3%	63.5	63.6	0.1	0.1%	41.3%	65.8	65.9	0.1	0.2%	41.3%	67.3	67.3	0.0	0.0%	41.3%	66.0	66.1	0.1	0.2%
42.5% 43.8%	63.4 63.4	63.6 63.5	0.2	0.3%	42.5% 43.8%	65.8 65.8	65.9 65.9	0.1	0.2%	42.5% 43.8%	67.3 67.3	67.2 67.2	-0.1 -0.1	-0.1% -0.2%	42.5% 43.8%	66.0 65.9	66.1 66.1	0.1 0.2	0.2%
45.0%	63.3	63.5	0.2	0.3%	45.0%	65.8	65.9	0.1	0.1%	45.0%	67.3	67.1	-0.1	-0.2%	45.0%	65.9	66.1	0.2	0.2%
46.3% 47.5%	63.1 63.0	63.5 63.4	0.4	0.7%	46.3% 47.5%	65.7 65.7	65.8 65.8	0.1	0.1%	46.3% 47.5%	67.3	67.1	-0.1 -0.1	-0.2%	46.3% 47.5%	65.9	66.0	0.1	0.2%
47.5%	63.0	63.1	0.4	0.6%	47.5% 48.8%	65.6	65.8	0.2	0.3%	47.5% 48.8%	67.2 67.2	67.1 67.1	-0.1	-0.2% -0.2%	47.5% 48.8%	65.9 65.8	65.9 65.9	0.1	0.1% 0.1%
50.0%	62.9	63.0	0.1	0.2%	50.0%	65.6	65.8	0.2	0.3%	50.0%	67.2	67.0	-0.1	-0.2%	50.0%	65.8	65.9	0.1	0.1%
51.3% 52.5%	62.8 62.7	63.0 63.0	0.2	0.3%	51.3% 52.5%	65.5 65.5	65.7 65.6	0.2 0.1	0.3%	51.3% 52.5%	67.2 67.1	67.0 67.0	-0.2 -0.2	-0.2% -0.3%	51.3% 52.5%	65.7 65.7	65.9 65.9	0.1 0.2	0.2% 0.2%
53.8%	62.5	63.0	0.5	0.7%	53.8%	65.4	65.6	0.1	0.2%	53.8%	67.1	66.9	-0.2	-0.3%	53.8%	65.7	65.8	0.2	0.2%
55.0%	62.5	62.7	0.3	0.4%	55.0%	65.4	65.5	0.1	0.1%	55.0%	67.1	66.9	-0.1	-0.2%	55.0%	65.7	65.8	0.2	0.3%
56.3% 57.5%	62.5 62.4	62.6 62.6	0.2	0.3%	56.3% 57.5%	65.4 65.4	65.4 65.4	0.0	0.1%	56.3% 57.5%	67.0 66.9	66.9 66.8	-0.1 -0.1	-0.1% -0.2%	56.3% 57.5%	65.6 65.6	65.8 65.7	0.1	0.2%
58.8%	62.3	62.4	0.1	0.2%	58.8%	65.4	65.4	0.0	0.0%	58.8%	66.9	66.7	-0.2	-0.3%	58.8%	65.5	65.7	0.2	0.4%
60.0%	62.0	62.1 62.1	0.1	0.2%	60.0%	65.3 65.3	65.3	0.0 -0.2	0.0%	60.0%	66.8 66.7	66.7 66.7	-0.1 0.0	-0.2% 0.0%	60.0%	65.5 65.5	65.7 65.7	0.2	0.4%
61.3% 62.5%	62.0 62.0	62.1	0.1	0.1%	61.3% 62.5%	65.2	65.2 65.1	-0.2	-0.2% -0.1%	61.3% 62.5%	66.7	66.7	0.0	-0.1%	61.3% 62.5%	65.5	65.6	0.3 0.1	0.4%
63.8%	61.8	62.0	0.1	0.2%	63.8%	65.2	65.1	-0.1	-0.1%	63.8%	66.7	66.6	-0.1	-0.1%	63.8%	65.4	65.4	0.0	-0.1%
65.0% 66.3%	61.8 61.7	62.0 61.9	0.2	0.3%	65.0% 66.3%	65.2 65.1	65.1 65.1	0.0	0.0%	65.0% 66.3%	66.7 66.6	66.6 66.6	-0.1 0.0	-0.2% -0.1%	65.0% 66.3%	65.4 65.3	65.3 65.2	-0.1 -0.1	-0.1% -0.1%
67.5%	61.7	61.9	0.2	0.3%	67.5%	65.1	65.1	0.0	0.0%	67.5%	66.6	66.5	-0.1	-0.1%	67.5%	65.2	65.0	-0.2	-0.3%
68.8%	61.7	61.9	0.2	0.3%	68.8%	65.0	65.0	0.0	0.0%	68.8%	66.5	66.5	-0.1	-0.1%	68.8%	65.1	65.0	-0.2	-0.2%
70.0% 71.3%	61.7 61.6	61.8 61.8	0.1 0.1	0.1% 0.2%	70.0% 71.3%	65.0 65.0	65.0 65.0	0.0	0.0%	70.0% 71.3%	66.5 66.5	66.4 66.3	-0.2 -0.2	-0.2% -0.2%	70.0% 71.3%	64.9 64.8	64.9 64.8	0.0	0.0%
72.5%	61.6	61.6	0.0	0.0%	72.5%	65.0	65.0	0.0	0.0%	72.5%	66.4	66.3	-0.1	-0.2%	72.5%	64.7	64.8	0.0	0.1%
73.8%	61.5	61.5	0.0	0.0%	73.8%	65.0	64.9	0.0	0.0%	73.8%	66.4	66.2	-0.2	-0.3%	73.8%	64.7	64.7	0.0	0.0%
75.0% 76.3%	61.5 61.2	61.5 61.3	0.0	0.0%	75.0% 76.3%	64.9 64.7	64.9 64.9	0.1	0.1%	75.0% 76.3%	66.4 66.3	66.1 66.1	-0.3 -0.3	-0.4% -0.4%	75.0% 76.3%	64.6 64.6	64.6 64.5	-0.1 -0.1	-0.1% -0.1%
77.5%	61.1	61.2	0.1	0.1%	77.5%	64.7	64.9	0.2	0.2%	77.5%	66.3	65.8	-0.5	-0.7%	77.5%	64.5	64.5	0.0	0.0%
78.8% 80.0%	60.9 60.7	60.9 60.8	0.0	0.0%	78.8% 80.0%	64.6 64.6	64.6 64.5	0.0 -0.1	-0.1% -0.2%	78.8% 80.0%	66.2 66.0	65.6 65.6	-0.6 -0.4	-0.9% -0.7%	78.8% 80.0%	64.5 64.4	64.5 64.4	-0.1 0.0	-0.1% 0.0%
81.3%	60.7	60.8	0.1	0.1%	81.3%	64.6	64.5	-0.1	-0.1%	81.3%	65.8	65.5	-0.3	-0.5%	81.3%	64.4	64.3	-0.1	-0.1%
82.5%	60.7	60.7	0.0	0.0%	82.5%	64.6	64.5	-0.1	-0.1%	82.5%	65.6	65.5	-0.1	-0.1%	82.5%	64.3	64.3	0.0	0.0%
83.8% 85.0%	60.7 60.6	60.7 60.6	0.0	0.0%	83.8% 85.0%	64.6 64.5	64.5 64.5	-0.1 0.0	-0.1% 0.0%	83.8% 85.0%	65.6 65.6	65.4 65.4	-0.2 -0.2	-0.2% -0.3%	83.8% 85.0%	64.2 64.2	64.2 64.2	0.0	0.0%
86.3%	60.6	60.6	0.0	0.0%	86.3%	64.4	64.5	0.0	0.1%	86.3%	65.5	65.4	-0.1	-0.2%	86.3%	64.2	64.2	0.0	0.0%
87.5%	60.5	60.5	0.0	0.0%	87.5%	64.3	64.4	0.1	0.2%	87.5%	65.4	65.3	-0.1	-0.1%	87.5%	64.2	64.2	0.0	0.0%
88.8% 90.0%	60.4 60.3	60.4 60.4	0.0	0.0%	88.8% 90.0%	64.2 64.2	64.3 64.3	0.1	0.2%	88.8% 90.0%	65.3 65.3	65.2 65.2	-0.1 -0.1	-0.1% -0.1%	88.8% 90.0%	64.2 64.2	64.1 64.0	-0.1 -0.1	-0.1% -0.2%
91.3%	60.2	60.2	0.1	0.1%	91.3%	64.1	64.2	0.1	0.1%	91.3%	65.1	65.1	0.0	0.0%	91.3%	64.1	64.0	-0.1	-0.1%
92.5%	60.1	60.0 59.5	0.0	0.0%	92.5%	64.1	64.0	-0.1	-0.1%	92.5%	65.1	65.1	0.0	0.0%	92.5%	64.0	64.0	0.0	0.0%
93.8% 95.0%	59.5 59.2	59.5 59.2	0.0	0.1%	93.8% 95.0%	64.0 63.6	64.0 63.6	0.0	0.0% -0.1%	93.8% 95.0%	65.1 65.0	65.1 65.0	0.0 -0.1	0.0% -0.1%	93.8% 95.0%	63.8 63.8	64.0 64.0	0.2	0.2%
96.3%	58.8	58.7	-0.1	-0.1%	96.3%	63.4	63.4	-0.1	-0.1%	96.3%	64.9	64.9	0.0	0.0%	96.3%	63.8	64.0	0.2	0.3%
97.5% 98.8%	58.7 58.1	58.6 57.9	-0.1 -0.2	-0.2% -0.3%	97.5% 98.8%	63.0 61.9	62.9 61.9	-0.1 0.0	-0.2% 0.0%	97.5% 98.8%	64.9 64.9	64.9 64.8	0.0 -0.1	0.0% -0.1%	97.5% 98.8%	63.8 63.8	63.9 63.8	0.1 0.1	0.1%
100.0%	58.1 57.8	57.9 57.8	-0.2	-0.3%	100.0%	61.7	61.6	-0.1	-0.2%	100.0%	64.7	64.7	-0.1	-0.1% 0.0%	100.0%	63.5	63.7	0.1	0.1%