

## **Appendix 6C**

## **River Temperature Modeling Results**

**Appendix 6C – River Temperature Modeling  
(HEC5Q and Reclamation Temperature Model)**

The following results of the HEC5Q and Reclamation Temperature Model are included for temperature results at key project locations for the following alternatives:

- No Action Alternative 011221
- Alternative 1A 011221
- Alternative 1B 011221
- Alternative 2 011221
- Alternative 3 020121

<b>Section</b>	<b>Output Parameters</b>	<b>Table Numbers</b>	<b>Figure Numbers</b>
Trinity	Trinity River below Lewiston Dam	6C-1-1a to 6C-1-4c	6C-1-1 to 6C-1-18
Trinity	Clear Creek below Whiskeytown	6C-2-1a to 6C-2-4c	6C-2-1 to 6C-2-18
Trinity	Clear Creek at Igo	6C-3-1a to 6C-3-4c	6C-3-1 to 6C-3-18
Trinity	Clear Creek at Mouth	6C-4-1a to 6C-4-4c	6C-4-1 to 6C-4-18
Sacramento	Sacramento River below Keswick	6C-5-1a to 6C-5-4c	6C-5-1 to 6C-5-18
Sacramento	Sacramento River at Clear Creek	6C-6-1a to 6C-6-4c	6C-6-1 to 6C-6-18
Sacramento	Sacramento River at Balls Ferry	6C-7-1a to 6C-7-4c	6C-7-1 to 6C-7-18
Sacramento	Sacramento River at Jellys Ferry	6C-8-1a to 6C-8-4c	6C-8-1 to 6C-8-18
Sacramento	Sacramento River at Bend Bridge	6C-9-1a to 6C-9-4c	6C-9-1 to 6C-9-18
Sacramento	Sacramento River at Red Bluff	6C-10-1a to 6C-10-4c	6C-10-1 to 6C-10-18
Sacramento	Sacramento River below Hamilton City	6C-11-1a to 6C-11-4c	6C-11-1 to 6C-11-18
Sacramento	Sacramento River at Butte City	6C-12-1a to 6C-12-4c	6C-12-1 to 6C-12-18
American	American River below Nimbus Dam	6C-13-1a to 6C-13-4c	6C-13-1 to 6C-13-18
American	American River at Watt Avenue	6C-14-1a to 6C-14-4c	6C-14-1 to 6C-14-18
American	American River at the Mouth	6C-15-1a to 6C-15-4c	6C-15-1 to 6C-15-18
Feather	Feather River Low Flow Channel	6C-16-1a to 6C-16-4c	6C-16-1 to 6C-16-18
Feather	Feather River at Robinson Riffle	6C-17-1a to 6C-17-4c	6C-17-1 to 6C-17-18
Feather	Feather River at Gridley Bridge	6C-18-1a to 6C-18-4c	6C-18-1 to 6C-18-18
Feather	Feather River at Mouth	6C-19-1a to 6C-19-4c	6C-19-1 to 6C-19-18

#### Report formats

- Monthly tables comparing an alternative against the No Action alternative (exceedance values, long-term average, and average by water year type)
- Monthly pattern charts (long-term average and average by water year type) including all alternatives
- Monthly exceedance charts (all months) including all alternatives

Table 6C-1-1a. Trinity River below Lewiston Dam, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	51.0	49.4	47.0	46.2	46.6	48.8	49.5	47.7	50.8	50.8	50.3	50.6
20%	50.3	48.6	46.7	45.7	46.3	48.3	48.7	46.9	49.8	49.9	49.6	50.0
30%	49.7	48.2	46.3	45.2	46.0	48.0	48.4	46.6	48.9	49.4	49.0	49.1
40%	49.3	47.6	45.9	44.7	45.7	47.7	48.2	46.2	48.3	49.1	48.7	48.7
50%	48.5	47.3	45.6	44.6	45.4	47.3	47.9	45.8	47.9	48.6	48.5	48.4
60%	48.1	46.9	45.4	44.5	45.1	46.7	47.7	45.3	47.4	48.2	48.2	47.7
70%	47.6	46.6	45.2	44.2	44.7	46.1	47.2	45.0	46.9	47.9	48.0	47.3
80%	47.2	46.4	44.7	43.9	44.4	45.4	46.9	44.7	46.3	47.5	47.6	46.9
90%	46.5	45.8	44.3	43.5	43.8	44.6	46.0	44.3	45.4	47.0	47.1	46.5
Long Term												
Full Simulation Period <sup>a</sup>	48.8	47.5	45.7	44.7	45.4	46.9	47.8	45.9	48.0	48.7	48.6	48.4
Water Year Types <sup>b,c</sup>												
Wet (32%)	47.1	46.7	45.3	44.3	44.7	45.8	47.0	44.9	46.3	48.0	48.1	47.2
Above Normal (15%)	48.3	46.5	45.3	44.7	45.1	46.6	47.8	45.3	47.4	48.3	47.7	47.6
Below Normal (17%)	49.2	47.5	45.4	44.5	45.0	46.5	47.6	45.7	48.3	48.9	48.5	48.5
Dry (22%)	49.3	47.8	45.9	44.9	45.8	48.0	48.4	46.4	48.8	48.8	48.8	49.0
Critical (15%)	51.5	49.3	46.9	45.9	46.8	48.5	48.5	48.1	51.0	50.6	50.4	50.9

Table 6C-1-1b. Trinity River below Lewiston Dam, Alternative 1A 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	51.0	49.4	47.0	46.2	46.6	48.8	49.5	47.7	50.8	50.8	50.3	50.6
20%	50.3	48.6	46.7	45.7	46.3	48.3	48.7	46.9	49.8	49.9	49.6	50.0
30%	49.7	48.2	46.3	45.2	46.0	48.0	48.4	46.6	48.9	49.5	49.0	49.1
40%	49.3	47.6	45.9	44.7	45.7	47.7	48.2	46.2	48.3	49.1	48.7	48.7
50%	48.5	47.3	45.6	44.6	45.4	47.3	47.9	45.8	47.9	48.6	48.5	48.4
60%	48.1	46.9	45.4	44.5	45.1	46.7	47.7	45.3	47.4	48.2	48.2	47.7
70%	47.6	46.6	45.2	44.2	44.7	46.1	47.2	45.0	46.9	47.9	48.0	47.3
80%	47.2	46.4	44.7	43.9	44.4	45.4	46.9	44.7	46.3	47.5	47.6	46.9
90%	46.5	45.8	44.3	43.5	43.8	44.6	46.0	44.3	45.4	47.0	47.1	46.5
Long Term												
Full Simulation Period <sup>a</sup>	48.8	47.5	45.7	44.7	45.4	46.9	47.8	45.9	48.1	48.7	48.6	48.4
Water Year Types <sup>b,c</sup>												
Wet (32%)	47.1	46.7	45.3	44.3	44.7	45.8	47.0	44.9	46.3	48.0	48.1	47.2
Above Normal (15%)	48.3	46.5	45.3	44.6	45.1	46.6	47.8	45.3	47.4	48.3	47.7	47.6
Below Normal (17%)	49.2	47.5	45.4	44.5	45.0	46.5	47.6	45.7	48.3	48.9	48.5	48.5
Dry (22%)	49.3	47.8	45.9	44.9	45.8	48.0	48.4	46.4	48.8	48.8	48.8	49.0
Critical (15%)	51.5	49.3	46.9	45.9	46.8	48.5	48.5	48.1	51.0	50.6	50.4	50.9

Table 6C-1-1c. Trinity River below Lewiston Dam, Alternative 1A 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Critical (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-1-2a. Trinity River below Lewiston Dam, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	51.0	49.4	47.0	46.2	46.6	48.8	49.5	47.7	50.8	50.8	50.3	50.6
20%	50.3	48.6	46.7	45.7	46.3	48.3	48.7	46.9	49.8	49.9	49.6	50.0
30%	49.7	48.2	46.3	45.2	46.0	48.0	48.4	46.6	48.9	49.4	49.0	49.1
40%	49.3	47.6	45.9	44.7	45.7	47.7	48.2	46.2	48.3	49.1	48.7	48.7
50%	48.5	47.3	45.6	44.6	45.4	47.3	47.9	45.8	47.9	48.6	48.5	48.4
60%	48.1	46.9	45.4	44.5	45.1	46.7	47.7	45.3	47.4	48.2	48.2	47.7
70%	47.6	46.6	45.2	44.2	44.7	46.1	47.2	45.0	46.9	47.9	48.0	47.3
80%	47.2	46.4	44.7	43.9	44.4	45.4	46.9	44.7	46.3	47.5	47.6	46.9
90%	46.5	45.8	44.3	43.5	43.8	44.6	46.0	44.3	45.4	47.0	47.1	46.5
Long Term												
Full Simulation Period <sup>a</sup>	48.8	47.5	45.7	44.7	45.4	46.9	47.8	45.9	48.0	48.7	48.6	48.4
Water Year Types <sup>b,c</sup>												
Wet (32%)	47.1	46.7	45.3	44.3	44.7	45.8	47.0	44.9	46.3	48.0	48.1	47.2
Above Normal (15%)	48.3	46.5	45.3	44.7	45.1	46.6	47.8	45.3	47.4	48.3	47.7	47.6
Below Normal (17%)	49.2	47.5	45.4	44.5	45.0	46.5	47.6	45.7	48.3	48.9	48.5	48.5
Dry (22%)	49.3	47.8	45.9	44.9	45.8	48.0	48.4	46.4	48.8	48.8	48.8	49.0
Critical (15%)	51.5	49.3	46.9	45.9	46.8	48.5	48.5	48.1	51.0	50.6	50.4	50.9

Table 6C-1-2b. Trinity River below Lewiston Dam, Alternative 1B 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	51.0	49.4	47.0	46.2	46.6	48.8	49.5	47.7	50.8	50.8	50.3	50.6
20%	50.3	48.6	46.7	45.7	46.3	48.3	48.7	46.9	49.8	49.9	49.6	50.0
30%	49.7	48.2	46.3	45.2	46.0	48.0	48.4	46.6	48.9	49.5	49.0	49.1
40%	49.3	47.6	45.9	44.7	45.7	47.7	48.2	46.2	48.3	49.1	48.7	48.7
50%	48.5	47.3	45.6	44.6	45.4	47.3	47.9	45.8	47.9	48.6	48.5	48.4
60%	48.1	46.9	45.4	44.5	45.1	46.7	47.7	45.3	47.4	48.2	48.2	47.7
70%	47.6	46.6	45.2	44.2	44.7	46.1	47.2	45.0	46.9	47.9	48.0	47.3
80%	47.2	46.4	44.7	43.9	44.4	45.4	46.9	44.7	46.3	47.5	47.6	46.9
90%	46.5	45.8	44.3	43.5	43.8	44.6	46.0	44.3	45.4	47.0	47.1	46.5
Long Term												
Full Simulation Period <sup>a</sup>	48.8	47.5	45.7	44.7	45.4	46.9	47.8	45.9	48.1	48.7	48.6	48.4
Water Year Types <sup>b,c</sup>												
Wet (32%)	47.1	46.7	45.3	44.3	44.7	45.8	47.0	44.9	46.3	48.0	48.1	47.2
Above Normal (15%)	48.3	46.5	45.3	44.6	45.1	46.6	47.8	45.3	47.4	48.3	47.7	47.6
Below Normal (17%)	49.2	47.5	45.4	44.5	45.0	46.5	47.6	45.7	48.3	48.9	48.5	48.5
Dry (22%)	49.3	47.8	45.9	44.9	45.8	48.0	48.4	46.4	48.8	48.8	48.8	49.0
Critical (15%)	51.5	49.3	46.9	45.9	46.8	48.5	48.5	48.1	51.0	50.6	50.4	50.9

Table 6C-1-2c. Trinity River below Lewiston Dam, Alternative 1B 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Critical (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-1-3a. Trinity River below Lewiston Dam, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	51.0	49.4	47.0	46.2	46.6	48.8	49.5	47.7	50.8	50.8	50.3	50.6
20%	50.3	48.6	46.7	45.7	46.3	48.3	48.7	46.9	49.8	49.9	49.6	50.0
30%	49.7	48.2	46.3	45.2	46.0	48.0	48.4	46.6	48.9	49.4	49.0	49.1
40%	49.3	47.6	45.9	44.7	45.7	47.7	48.2	46.2	48.3	49.1	48.7	48.7
50%	48.5	47.3	45.6	44.6	45.4	47.3	47.9	45.8	47.9	48.6	48.5	48.4
60%	48.1	46.9	45.4	44.5	45.1	46.7	47.7	45.3	47.4	48.2	48.2	47.7
70%	47.6	46.6	45.2	44.2	44.7	46.1	47.2	45.0	46.9	47.9	48.0	47.3
80%	47.2	46.4	44.7	43.9	44.4	45.4	46.9	44.7	46.3	47.5	47.6	46.9
90%	46.5	45.8	44.3	43.5	43.8	44.6	46.0	44.3	45.4	47.0	47.1	46.5
Long Term												
Full Simulation Period <sup>a</sup>	48.8	47.5	45.7	44.7	45.4	46.9	47.8	45.9	48.0	48.7	48.6	48.4
Water Year Types <sup>b,c</sup>												
Wet (32%)	47.1	46.7	45.3	44.3	44.7	45.8	47.0	44.9	46.3	48.0	48.1	47.2
Above Normal (15%)	48.3	46.5	45.3	44.7	45.1	46.6	47.8	45.3	47.4	48.3	47.7	47.6
Below Normal (17%)	49.2	47.5	45.4	44.5	45.0	46.5	47.6	45.7	48.3	48.9	48.5	48.5
Dry (22%)	49.3	47.8	45.9	44.9	45.8	48.0	48.4	46.4	48.8	48.8	48.8	49.0
Critical (15%)	51.5	49.3	46.9	45.9	46.8	48.5	48.5	48.1	51.0	50.6	50.4	50.9

Table 6C-1-3b. Trinity River below Lewiston Dam, Alternative 2 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	51.0	49.4	47.0	46.2	46.6	48.8	49.5	47.7	50.8	50.8	50.3	50.6
20%	50.3	48.6	46.7	45.7	46.3	48.3	48.7	46.9	49.8	49.9	49.6	50.0
30%	49.7	48.2	46.3	45.2	46.0	48.0	48.4	46.6	48.9	49.5	49.0	49.1
40%	49.3	47.6	45.9	44.7	45.7	47.7	48.2	46.2	48.3	49.1	48.7	48.7
50%	48.5	47.3	45.6	44.6	45.4	47.3	47.9	45.8	47.9	48.6	48.5	48.4
60%	48.1	46.9	45.4	44.5	45.1	46.7	47.7	45.3	47.4	48.2	48.2	47.7
70%	47.6	46.6	45.2	44.2	44.7	46.1	47.2	45.0	46.9	47.9	48.0	47.3
80%	47.2	46.4	44.7	43.9	44.4	45.4	46.9	44.7	46.3	47.5	47.6	46.9
90%	46.5	45.8	44.3	43.5	43.8	44.6	46.0	44.3	45.4	47.0	47.1	46.5
Long Term												
Full Simulation Period <sup>a</sup>	48.8	47.5	45.7	44.7	45.4	46.9	47.8	45.9	48.1	48.7	48.6	48.4
Water Year Types <sup>b,c</sup>												
Wet (32%)	47.1	46.7	45.3	44.3	44.7	45.8	47.0	44.9	46.3	48.0	48.1	47.2
Above Normal (15%)	48.3	46.5	45.3	44.6	45.1	46.6	47.8	45.3	47.4	48.3	47.7	47.6
Below Normal (17%)	49.2	47.5	45.4	44.5	45.0	46.5	47.6	45.7	48.3	48.9	48.5	48.5
Dry (22%)	49.3	47.8	45.9	44.9	45.8	48.0	48.4	46.4	48.8	48.8	48.8	49.0
Critical (15%)	51.5	49.3	46.9	45.9	46.8	48.5	48.5	48.1	51.0	50.6	50.4	50.9

Table 6C-1-3c. Trinity River below Lewiston Dam, Alternative 2 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Critical (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-1-4a. Trinity River below Lewiston Dam, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	51.0	49.4	47.0	46.2	46.6	48.8	49.5	47.7	50.8	50.8	50.3	50.6
20%	50.3	48.6	46.7	45.7	46.3	48.3	48.7	46.9	49.8	49.9	49.6	50.0
30%	49.7	48.2	46.3	45.2	46.0	48.0	48.4	46.6	48.9	49.4	49.0	49.1
40%	49.3	47.6	45.9	44.7	45.7	47.7	48.2	46.2	48.3	49.1	48.7	48.7
50%	48.5	47.3	45.6	44.6	45.4	47.3	47.9	45.8	47.9	48.6	48.5	48.4
60%	48.1	46.9	45.4	44.5	45.1	46.7	47.7	45.3	47.4	48.2	48.2	47.7
70%	47.6	46.6	45.2	44.2	44.7	46.1	47.2	45.0	46.9	47.9	48.0	47.3
80%	47.2	46.4	44.7	43.9	44.4	45.4	46.9	44.7	46.3	47.5	47.6	46.9
90%	46.5	45.8	44.3	43.5	43.8	44.6	46.0	44.3	45.4	47.0	47.1	46.5
Long Term												
Full Simulation Period <sup>a</sup>	48.8	47.5	45.7	44.7	45.4	46.9	47.8	45.9	48.0	48.7	48.6	48.4
Water Year Types <sup>b,c</sup>												
Wet (32%)	47.1	46.7	45.3	44.3	44.7	45.8	47.0	44.9	46.3	48.0	48.1	47.2
Above Normal (15%)	48.3	46.5	45.3	44.7	45.1	46.6	47.8	45.3	47.4	48.3	47.7	47.6
Below Normal (17%)	49.2	47.5	45.4	44.5	45.0	46.5	47.6	45.7	48.3	48.9	48.5	48.5
Dry (22%)	49.3	47.8	45.9	44.9	45.8	48.0	48.4	46.4	48.8	48.8	48.8	49.0
Critical (15%)	51.5	49.3	46.9	45.9	46.8	48.5	48.5	48.1	51.0	50.6	50.4	50.9

Table 6C-1-4b. Trinity River below Lewiston Dam, Alternative 3 020121, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	51.0	49.4	47.0	46.2	46.6	48.8	49.5	47.7	50.8	50.8	50.3	50.6
20%	50.3	48.6	46.7	45.7	46.3	48.3	48.7	46.9	49.8	49.9	49.6	50.0
30%	49.7	48.2	46.3	45.2	46.0	48.0	48.4	46.6	48.9	49.5	49.0	49.1
40%	49.3	47.6	45.9	44.7	45.7	47.7	48.2	46.2	48.3	49.1	48.7	48.7
50%	48.5	47.3	45.6	44.6	45.4	47.3	47.9	45.8	47.9	48.6	48.5	48.4
60%	48.1	46.9	45.4	44.5	45.1	46.7	47.7	45.3	47.4	48.2	48.2	47.7
70%	47.6	46.6	45.2	44.2	44.7	46.1	47.2	45.0	46.9	47.9	48.0	47.3
80%	47.2	46.4	44.7	43.9	44.4	45.4	46.9	44.7	46.3	47.5	47.6	46.9
90%	46.5	45.8	44.3	43.5	43.8	44.6	46.0	44.3	45.4	47.0	47.1	46.5
Long Term												
Full Simulation Period <sup>a</sup>	48.8	47.5	45.7	44.7	45.4	46.9	47.8	45.9	48.1	48.7	48.6	48.4
Water Year Types <sup>b,c</sup>												
Wet (32%)	47.1	46.7	45.3	44.3	44.7	45.8	47.0	44.9	46.3	48.0	48.1	47.2
Above Normal (15%)	48.3	46.5	45.3	44.6	45.1	46.6	47.8	45.3	47.4	48.3	47.7	47.6
Below Normal (17%)	49.2	47.5	45.4	44.5	45.0	46.5	47.6	45.7	48.3	48.9	48.5	48.5
Dry (22%)	49.3	47.8	45.9	44.9	45.8	48.0	48.4	46.4	48.8	48.8	48.8	49.0
Critical (15%)	51.5	49.3	46.9	45.9	46.8	48.5	48.5	48.1	51.0	50.6	50.4	50.9

Table 6C-1-4c. Trinity River below Lewiston Dam, Alternative 3 020121 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Critical (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

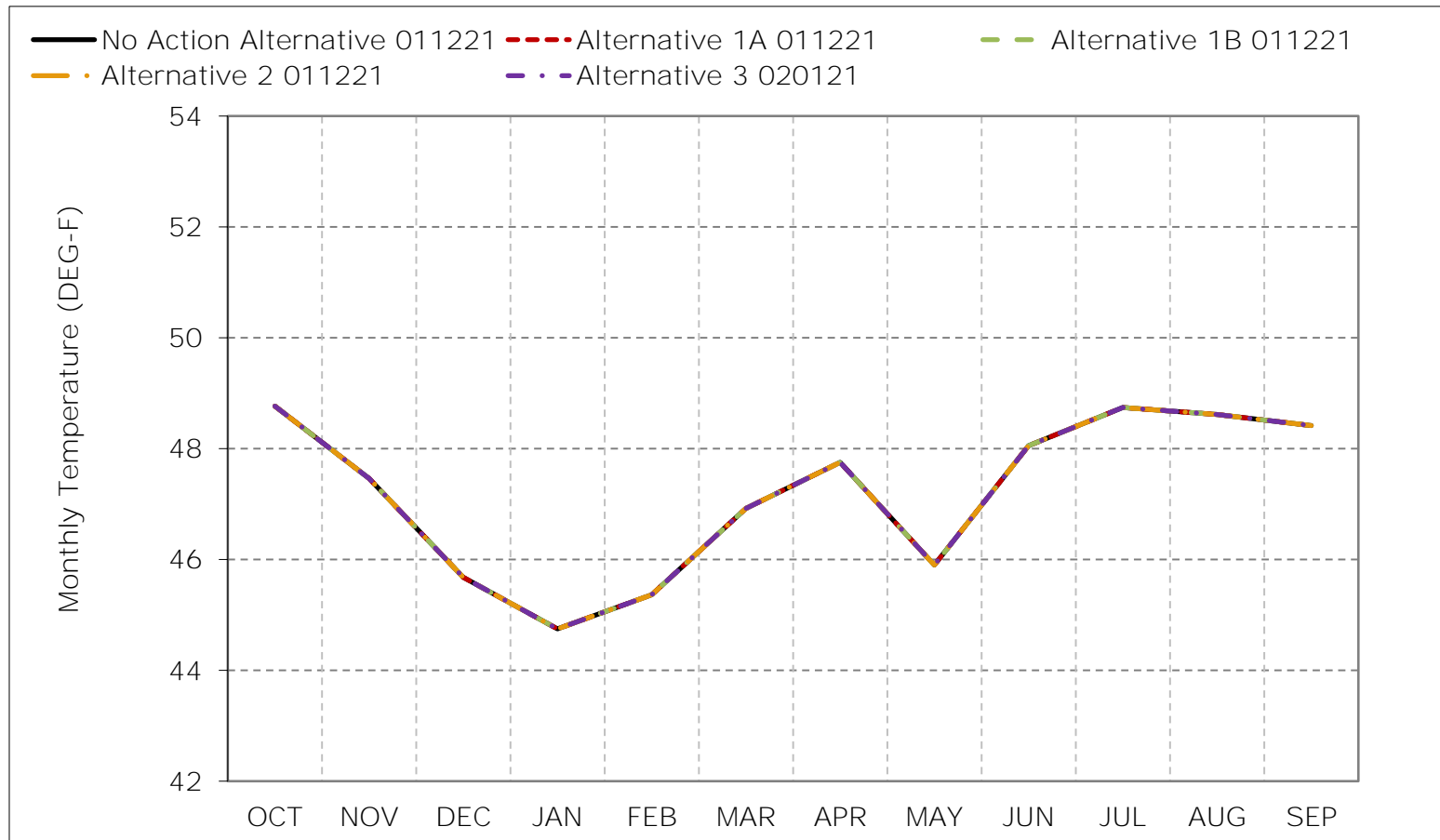
a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-1-1. Trinity River below Lewiston Dam, Long-Term Average Temperature



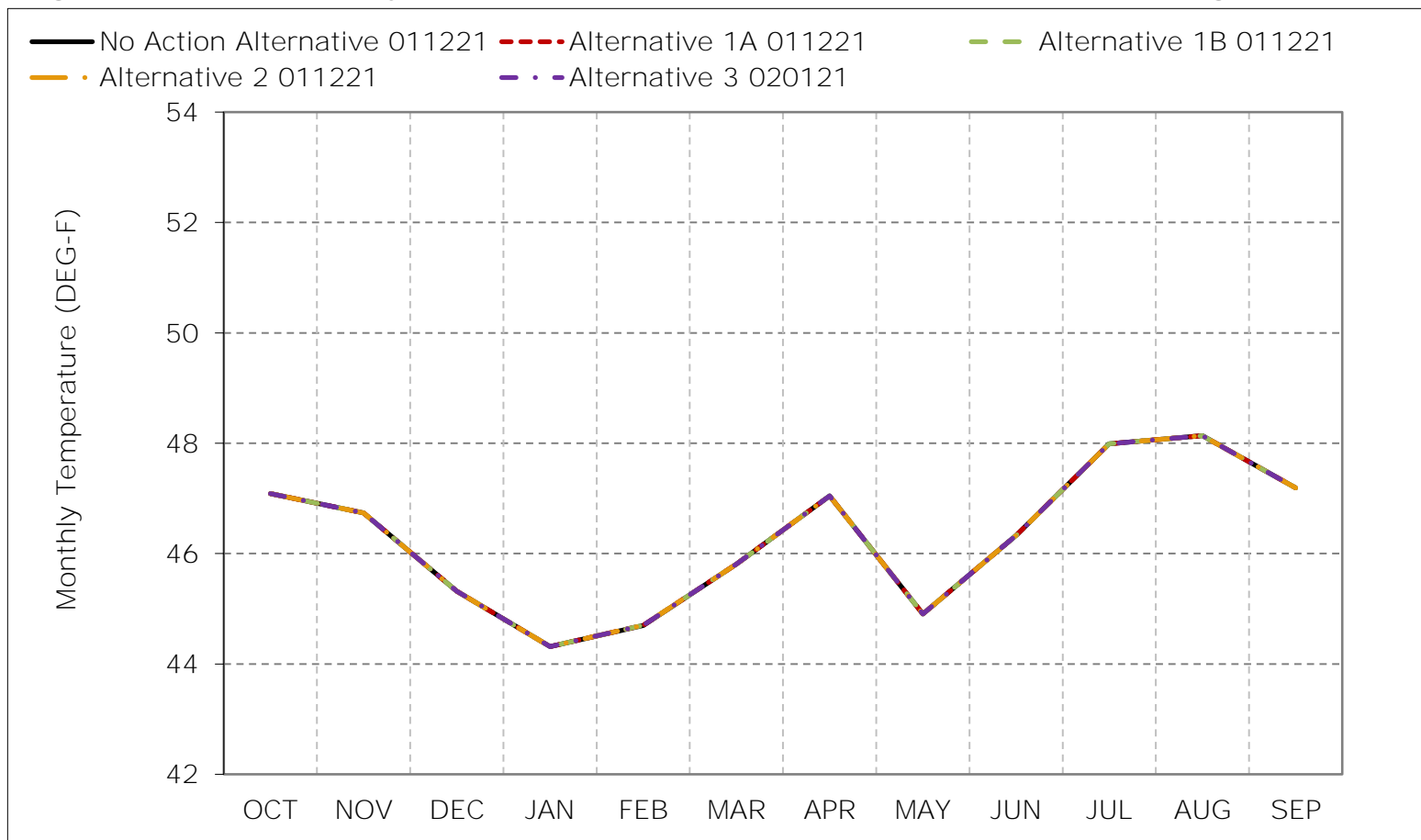
\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.



Figure 6C-1-2. Trinity River below Lewiston Dam, Wet Year Average Temperature

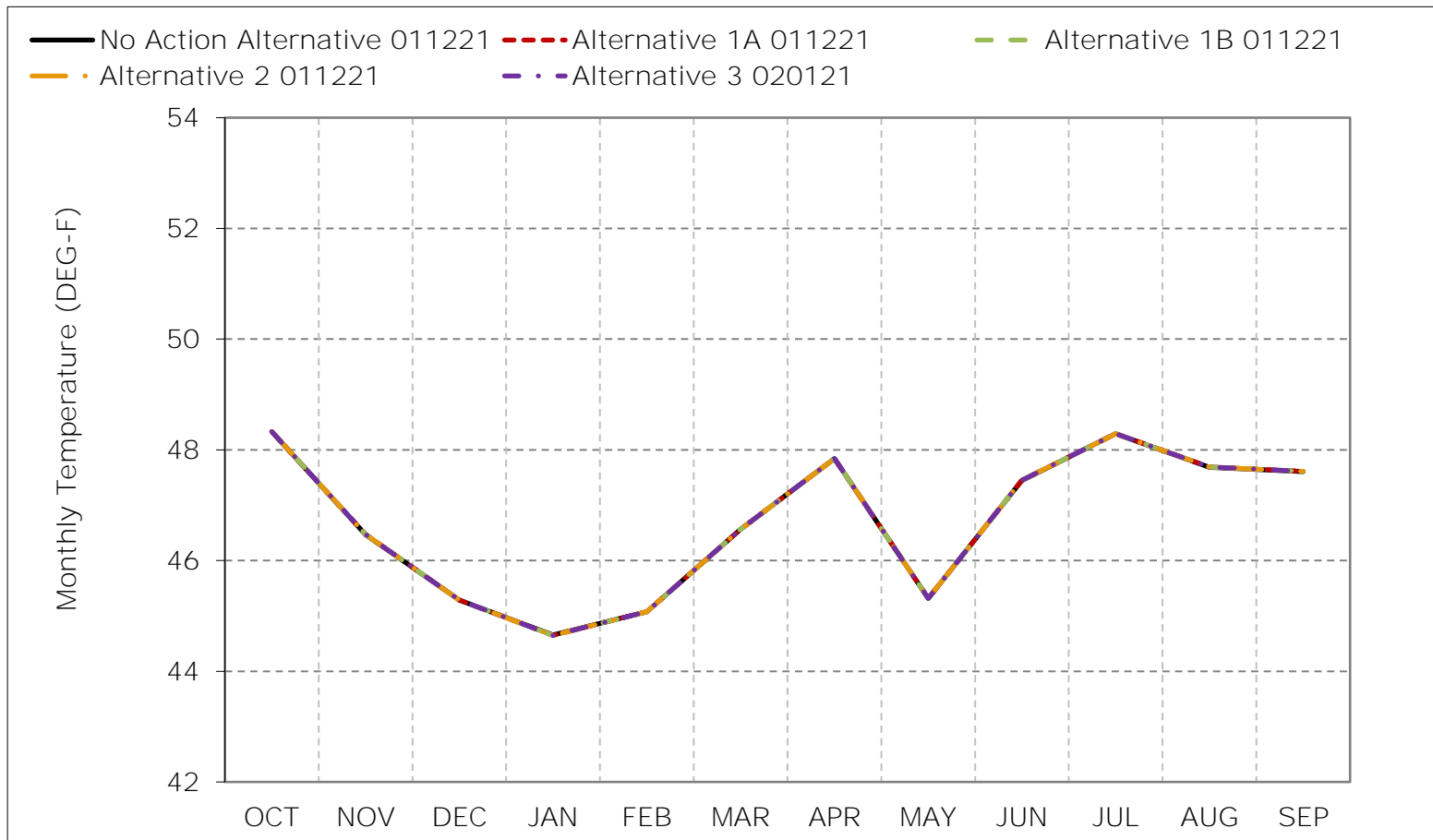


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-1-3. Trinity River below Lewiston Dam, Above Normal Year Average Temperat

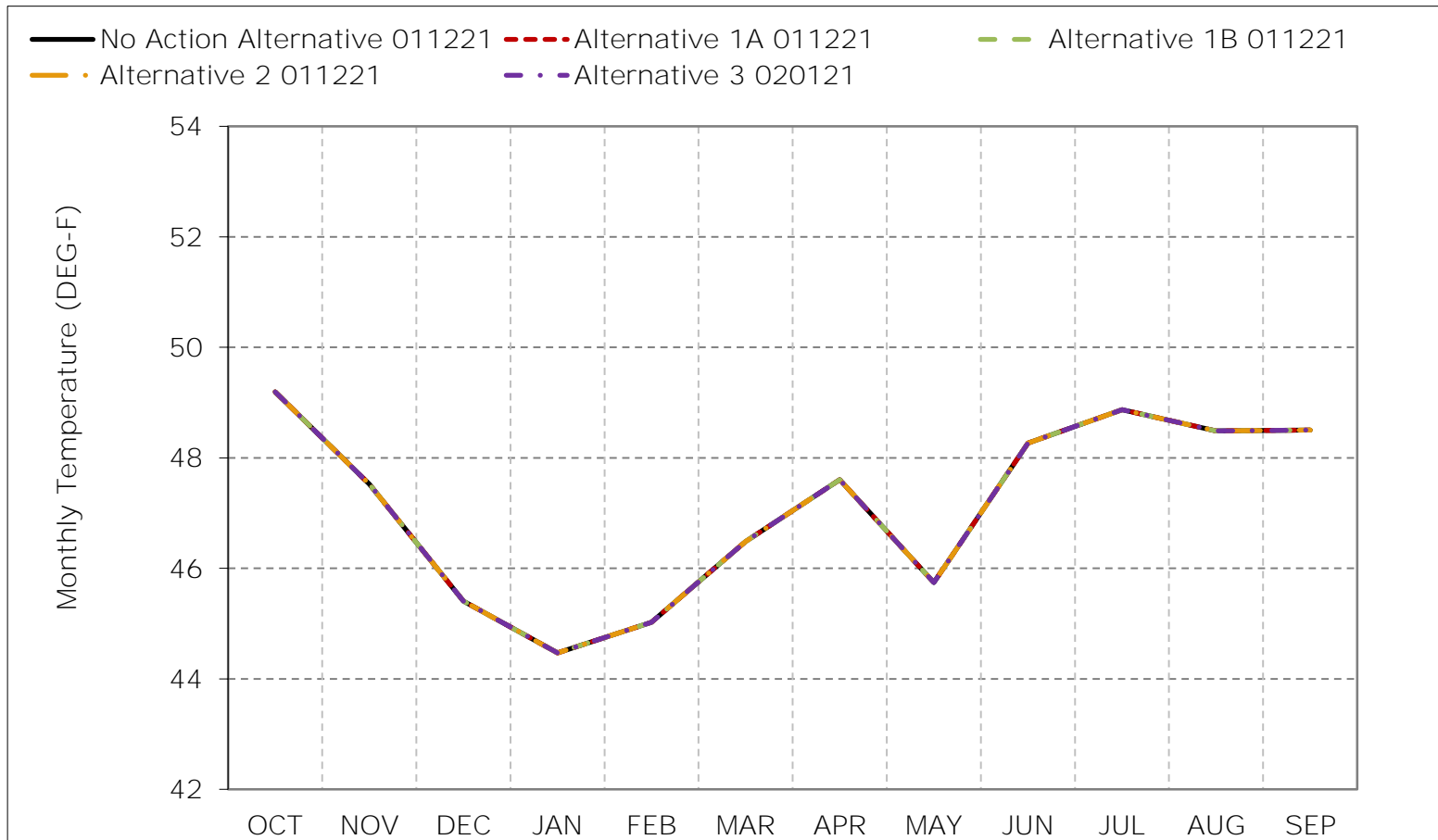


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-1-4. Trinity River below Lewiston Dam, Below Normal Year Average Temperat

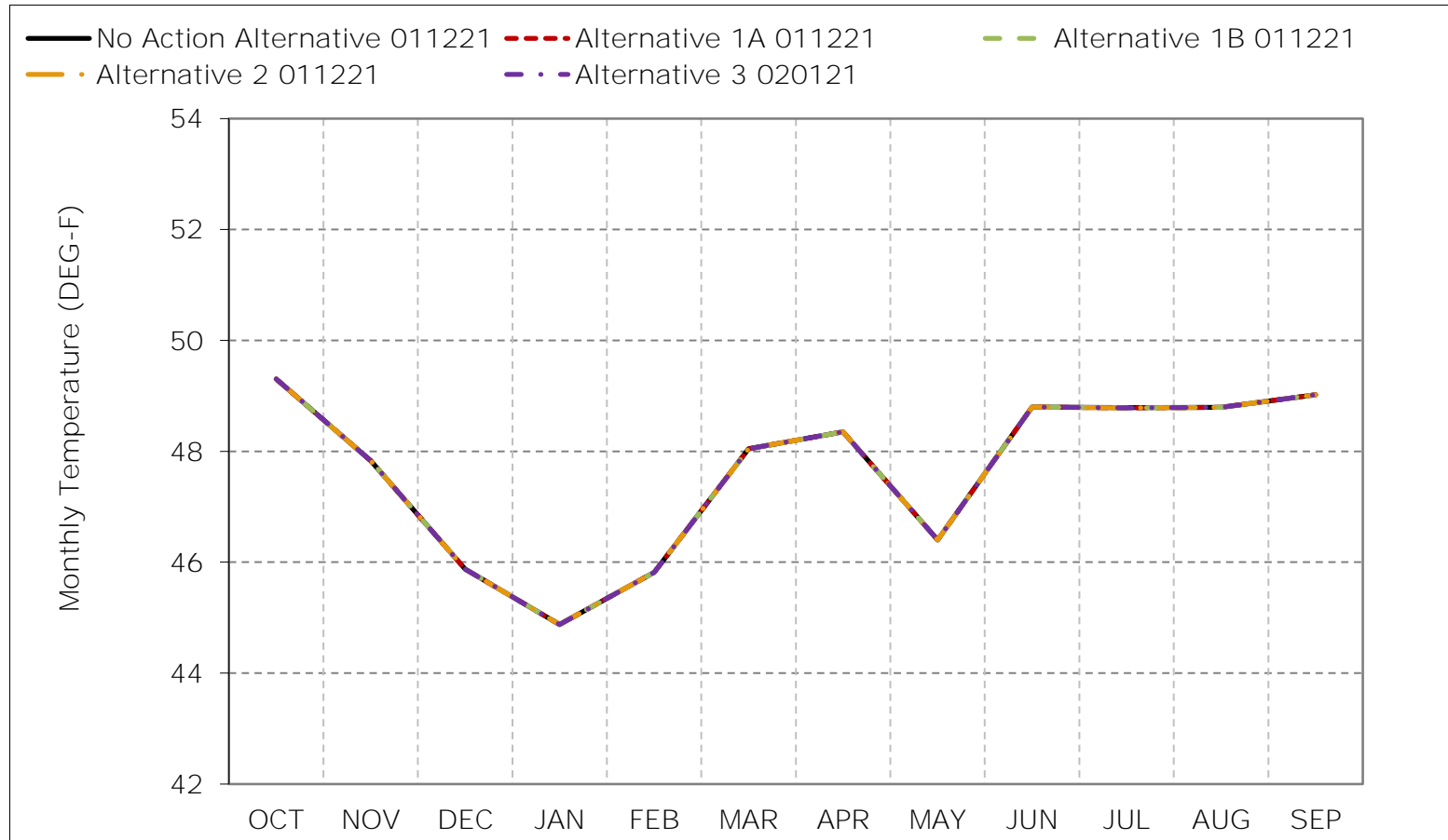


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-1-5. Trinity River below Lewiston Dam, Dry Year Average Temperature

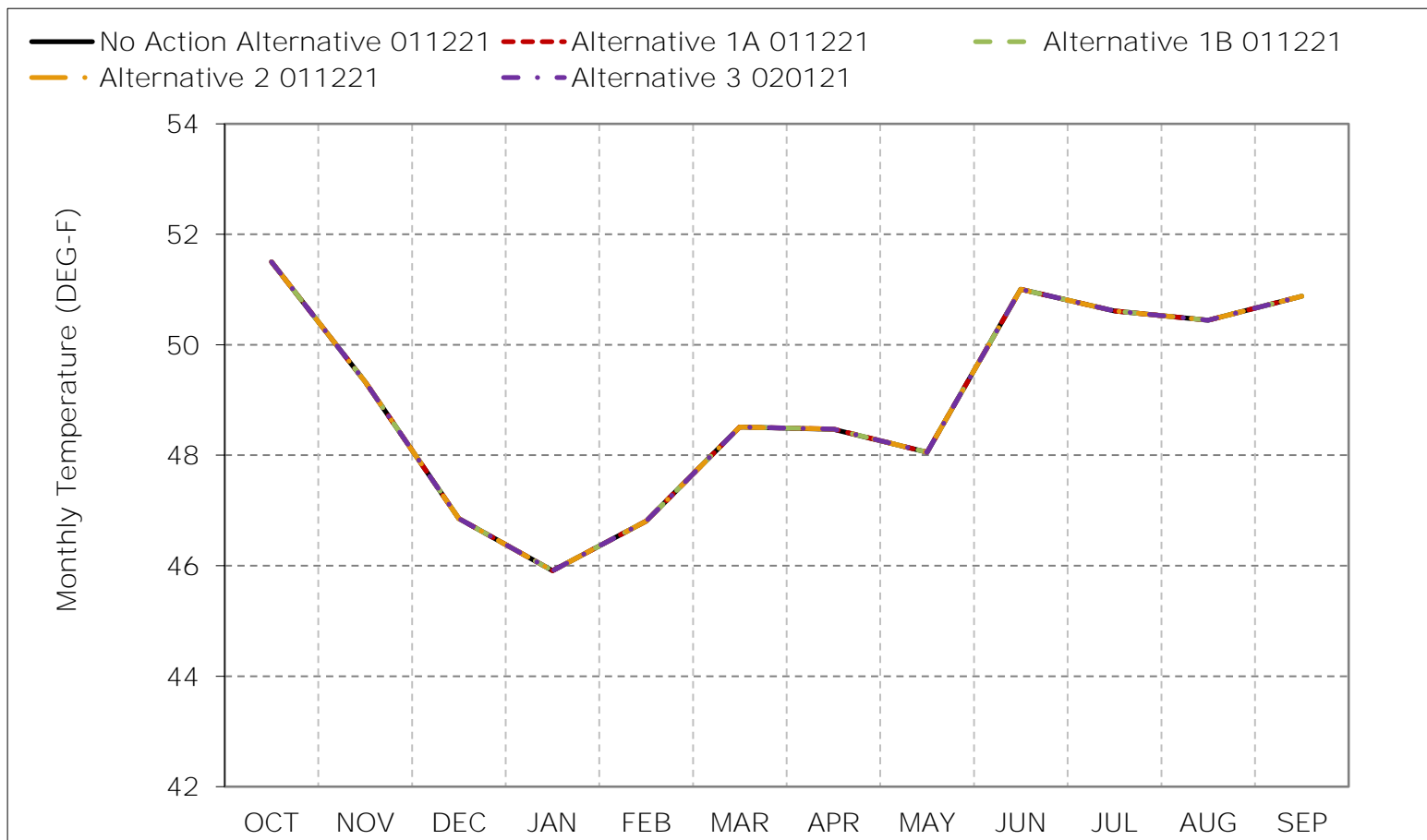


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-1-6. Trinity River below Lewiston Dam, Critical Year Average Temperature

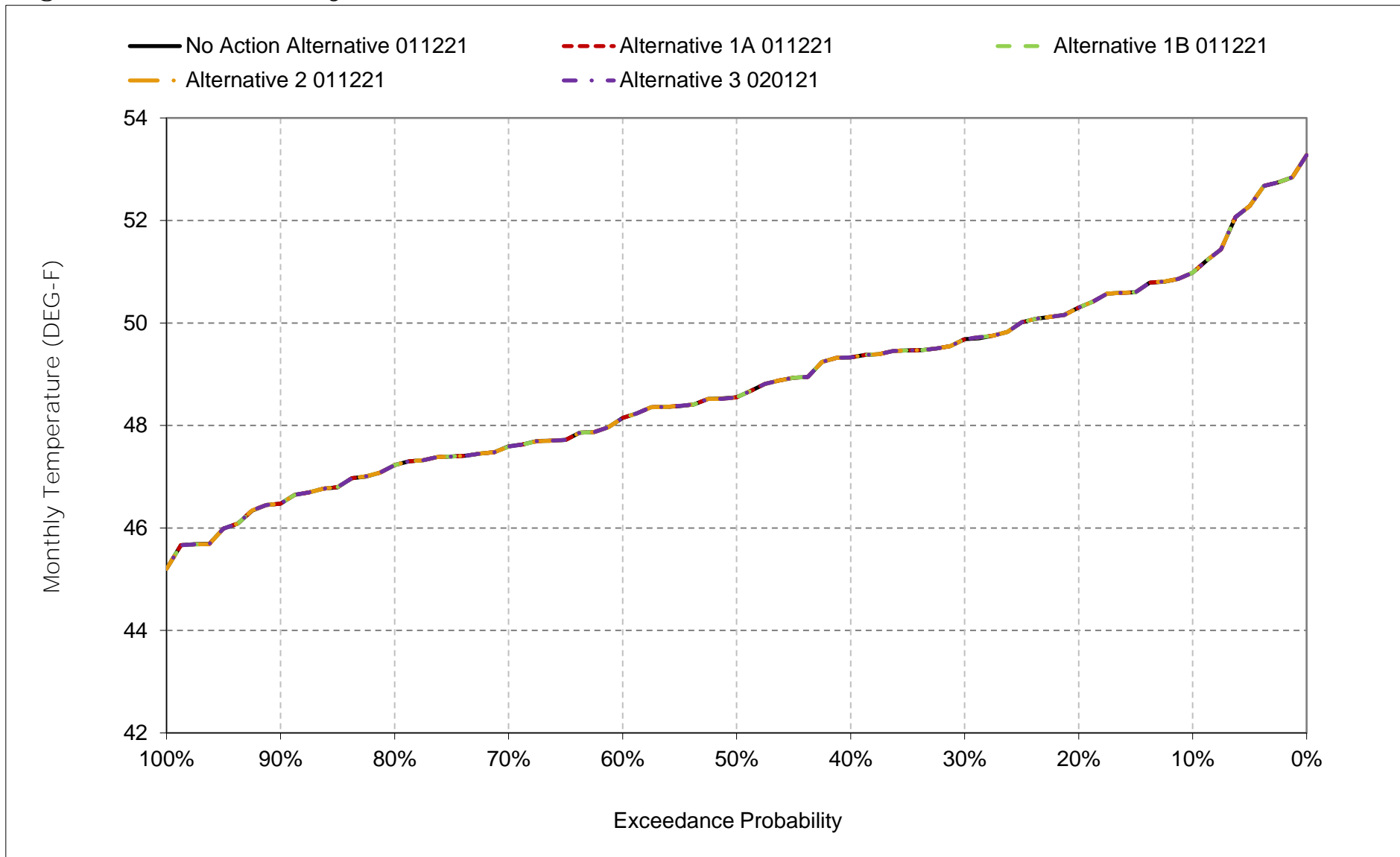


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

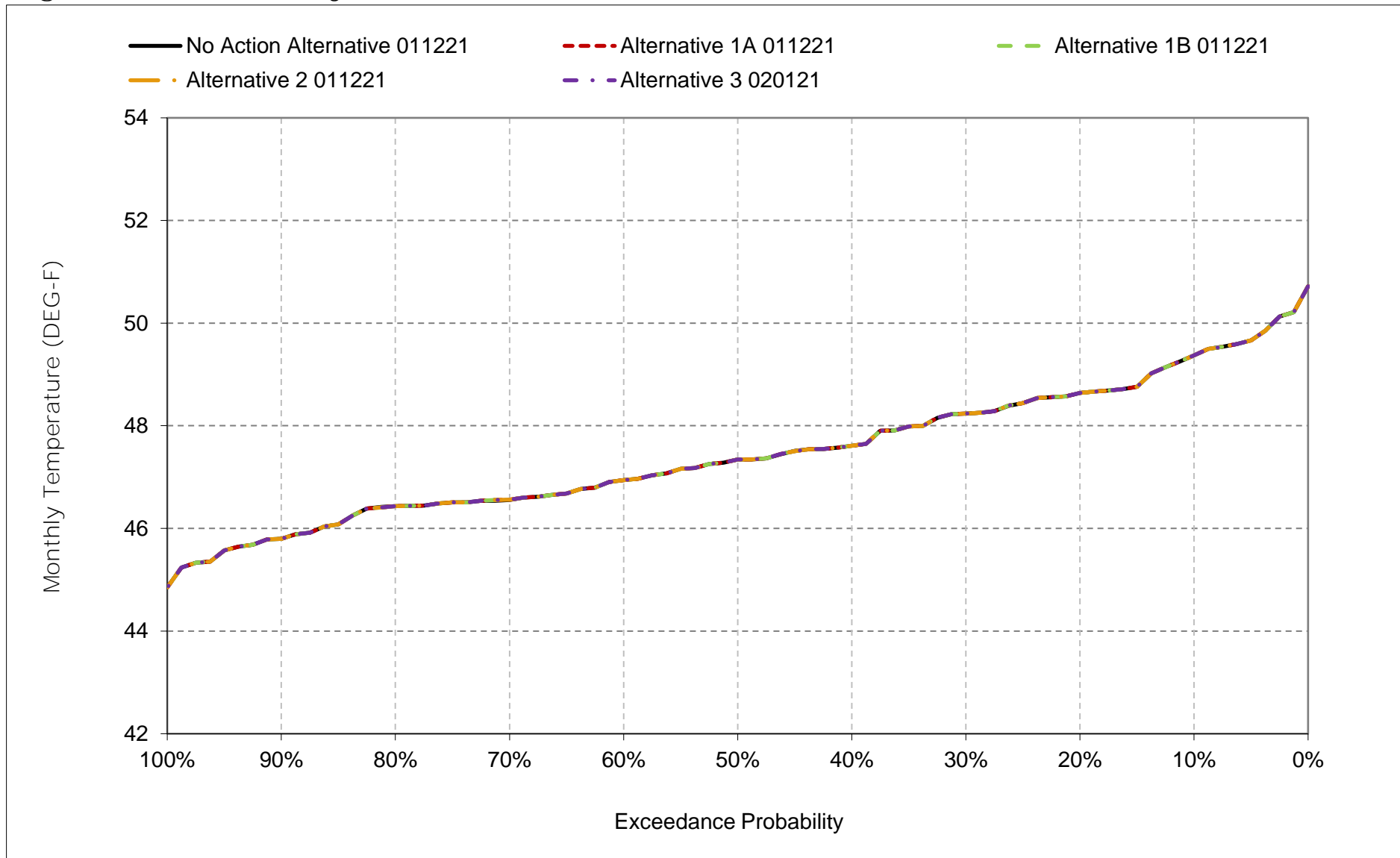
\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-1-7. Trinity River below Lewiston Dam, October



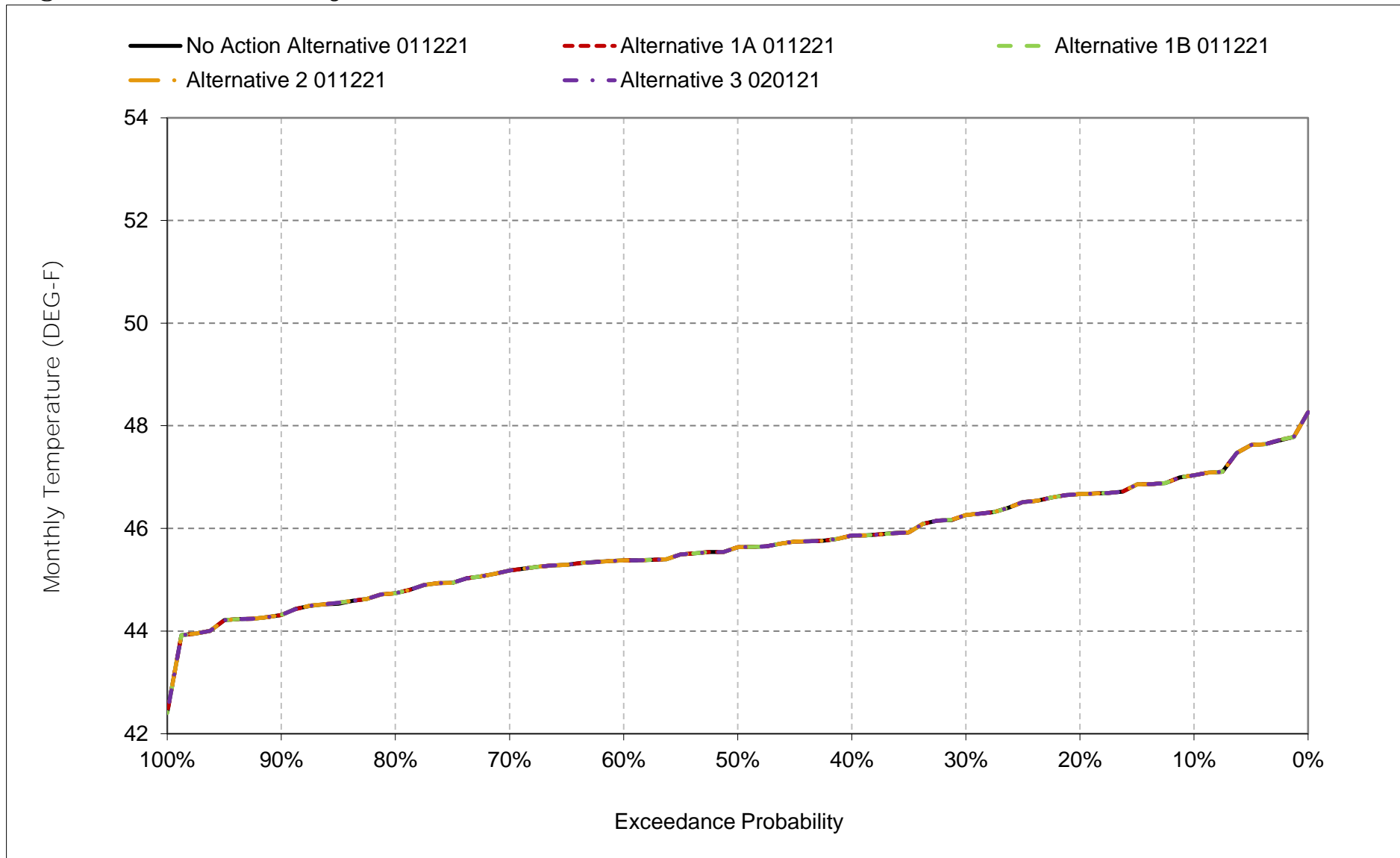
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-1-8. Trinity River below Lewiston Dam, November



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

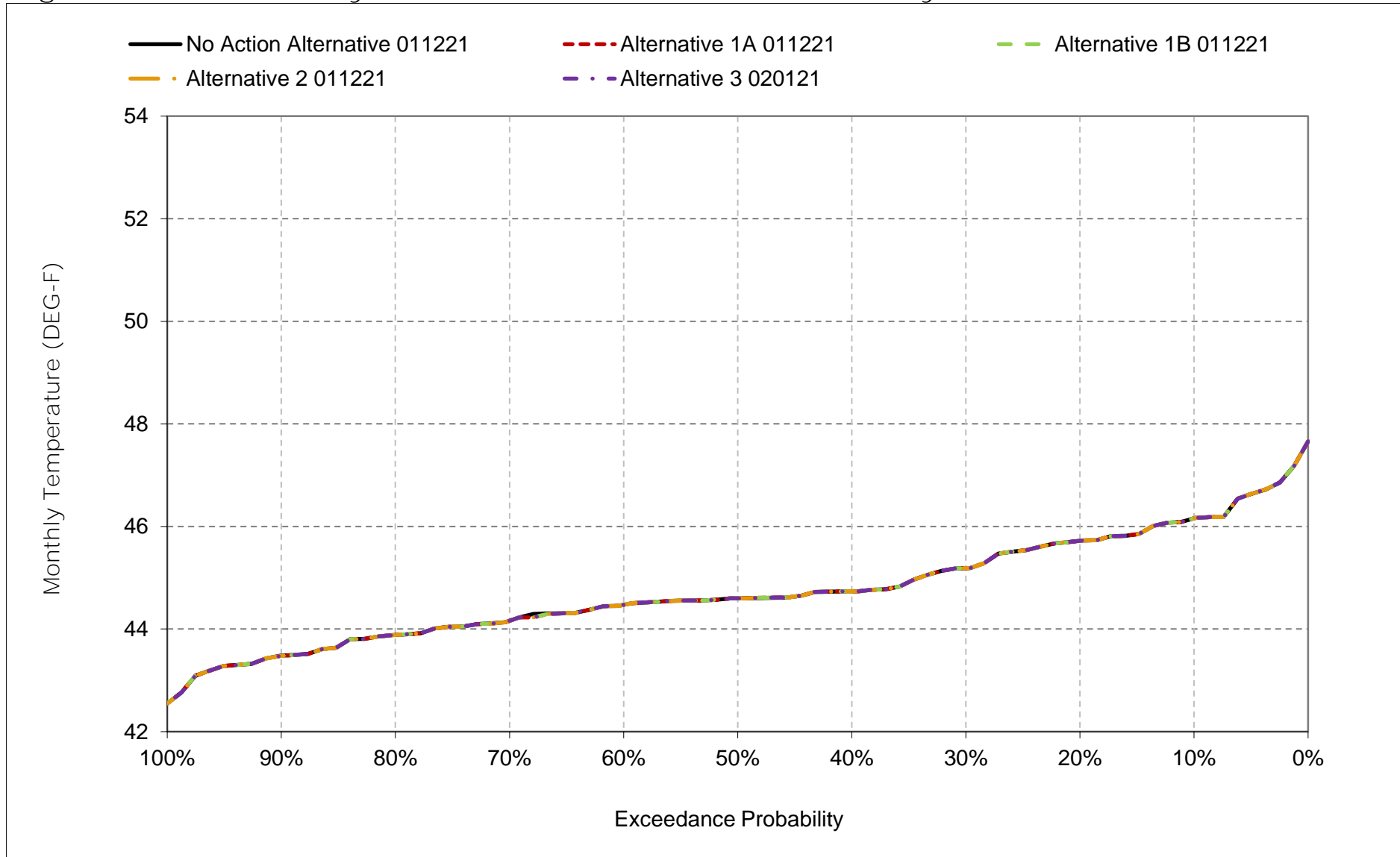
Figure 6C-1-9. Trinity River below Lewiston Dam, December



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

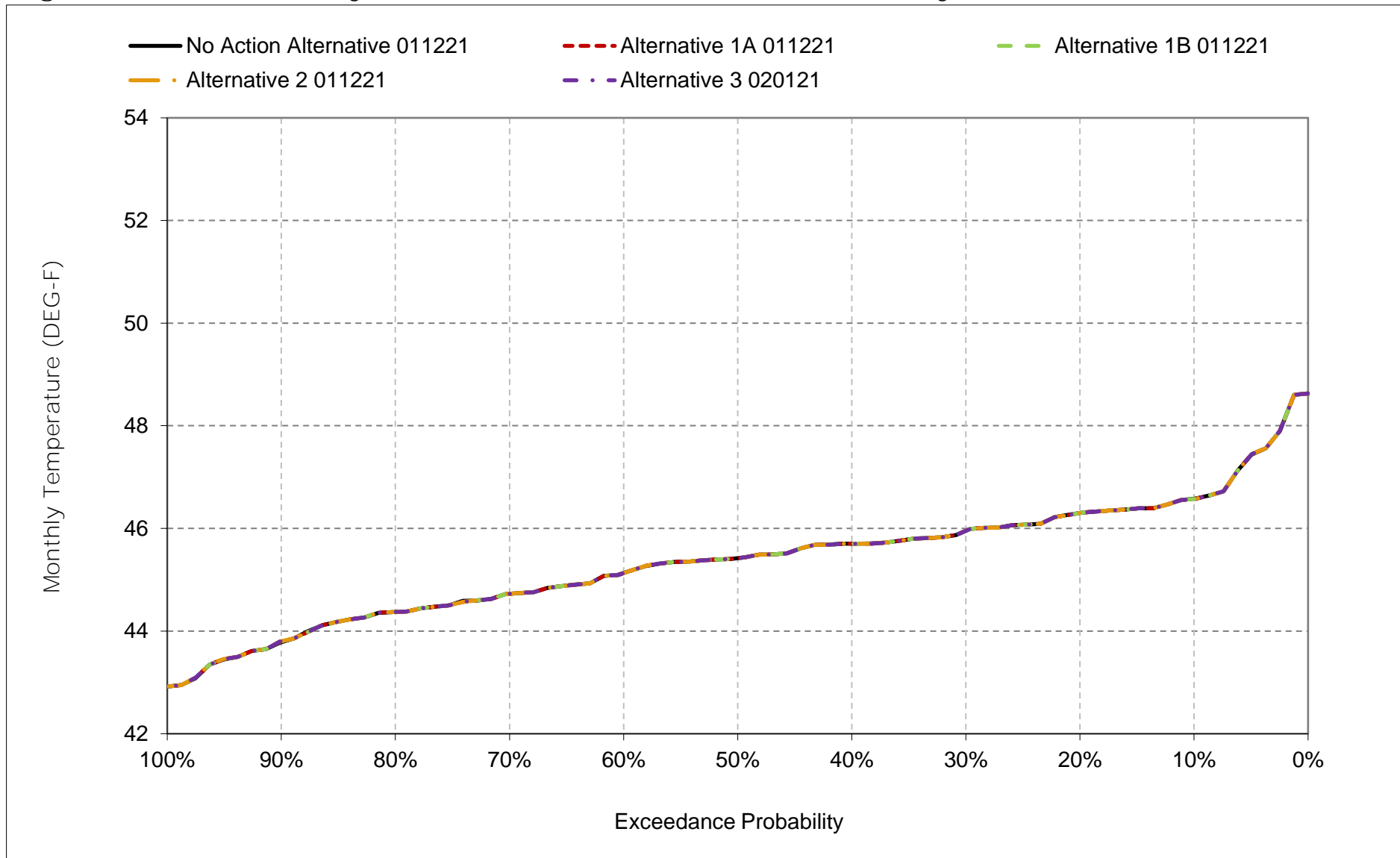


Figure 6C-1-10. Trinity River below Lewiston Dam, January



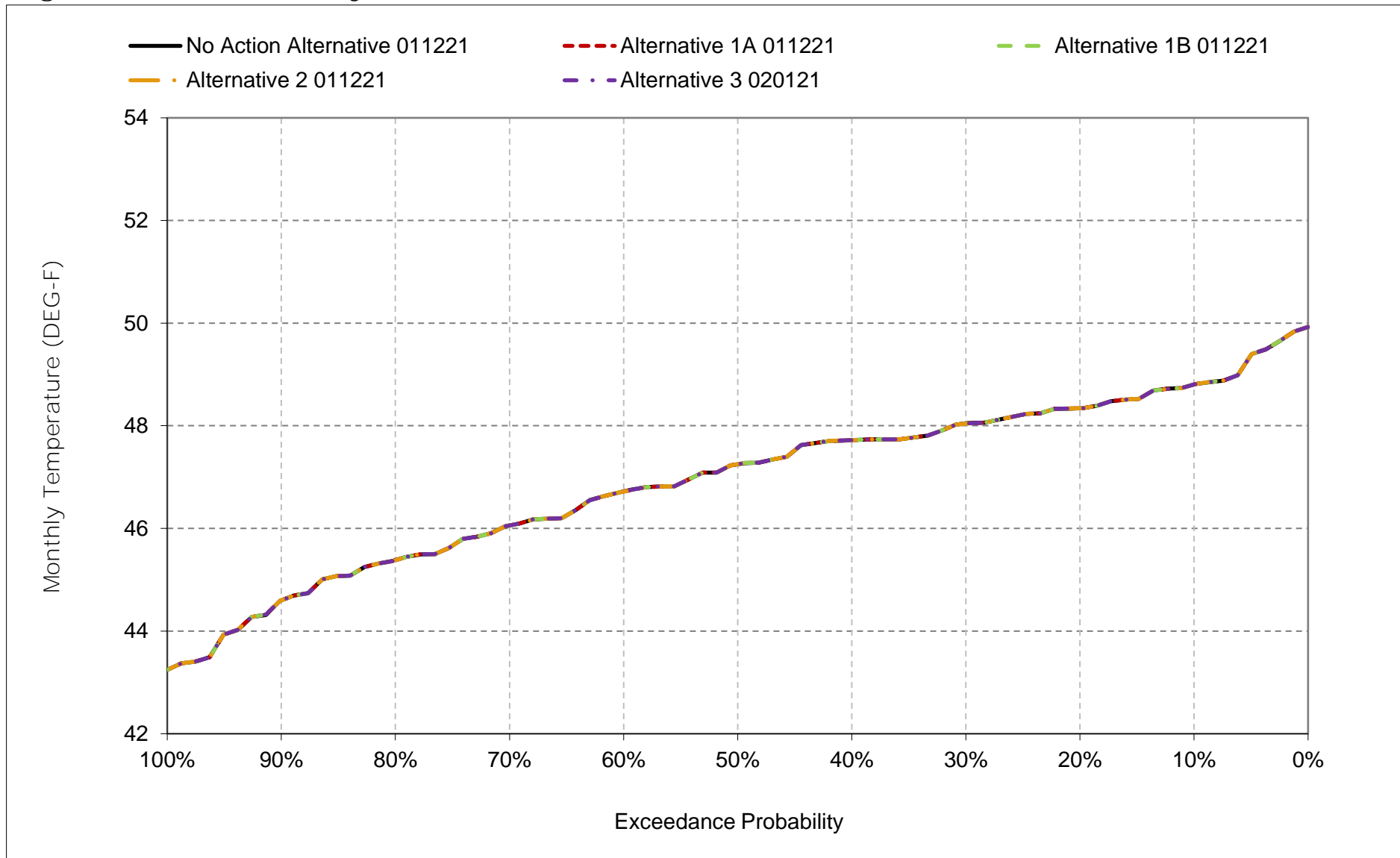
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-1-11. Trinity River below Lewiston Dam, February



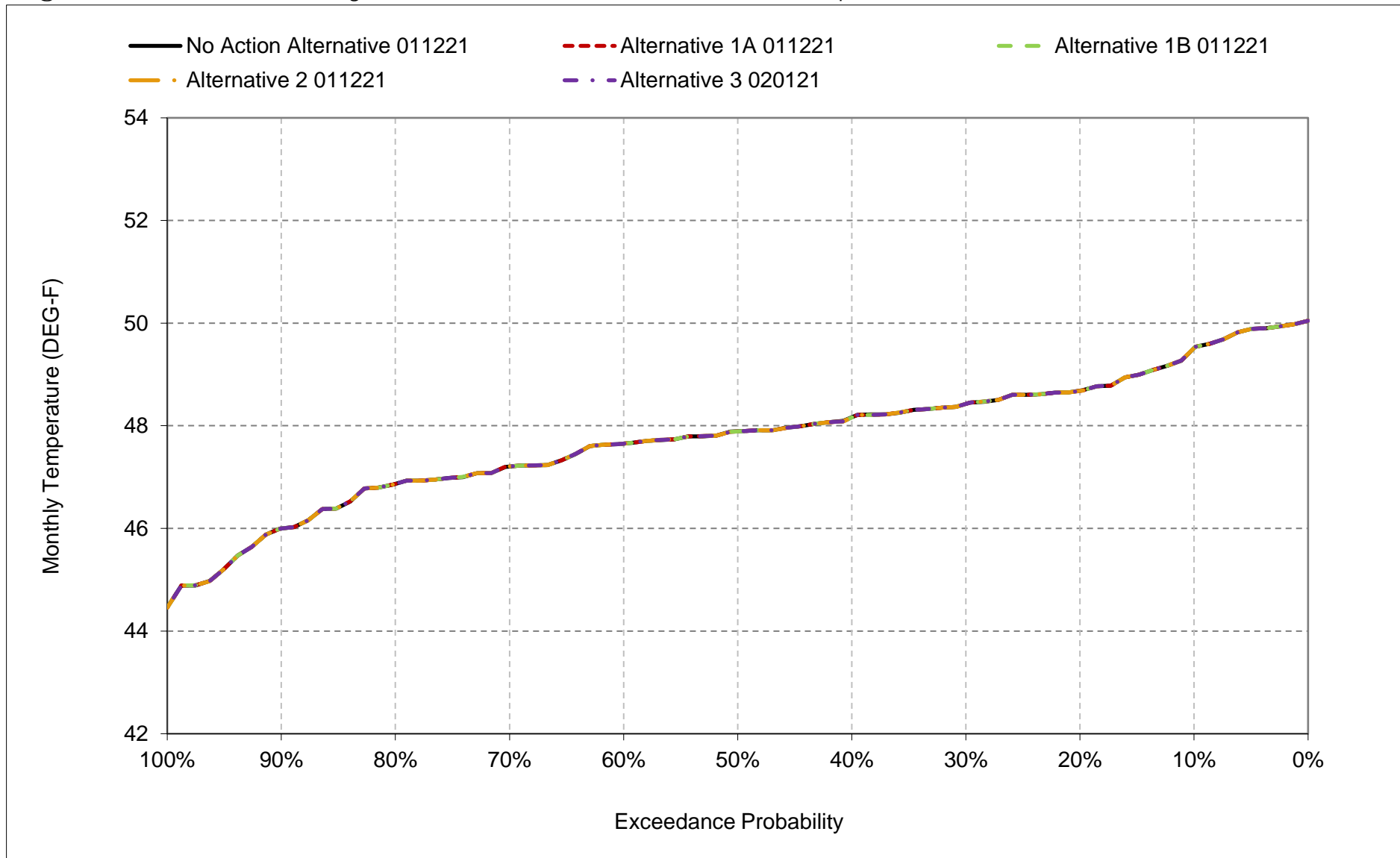
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-1-12. Trinity River below Lewiston Dam, March



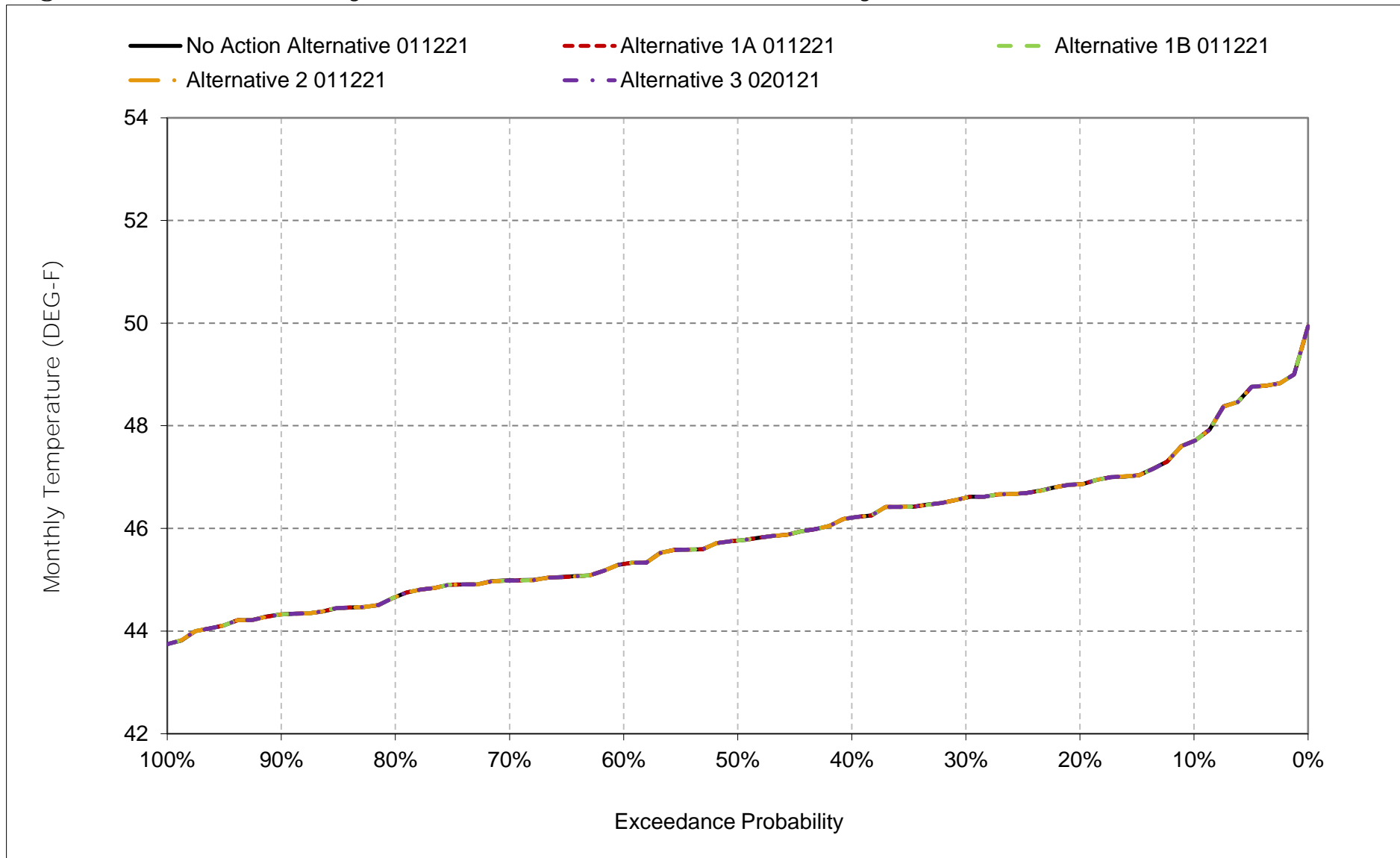
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-1-13. Trinity River below Lewiston Dam, April



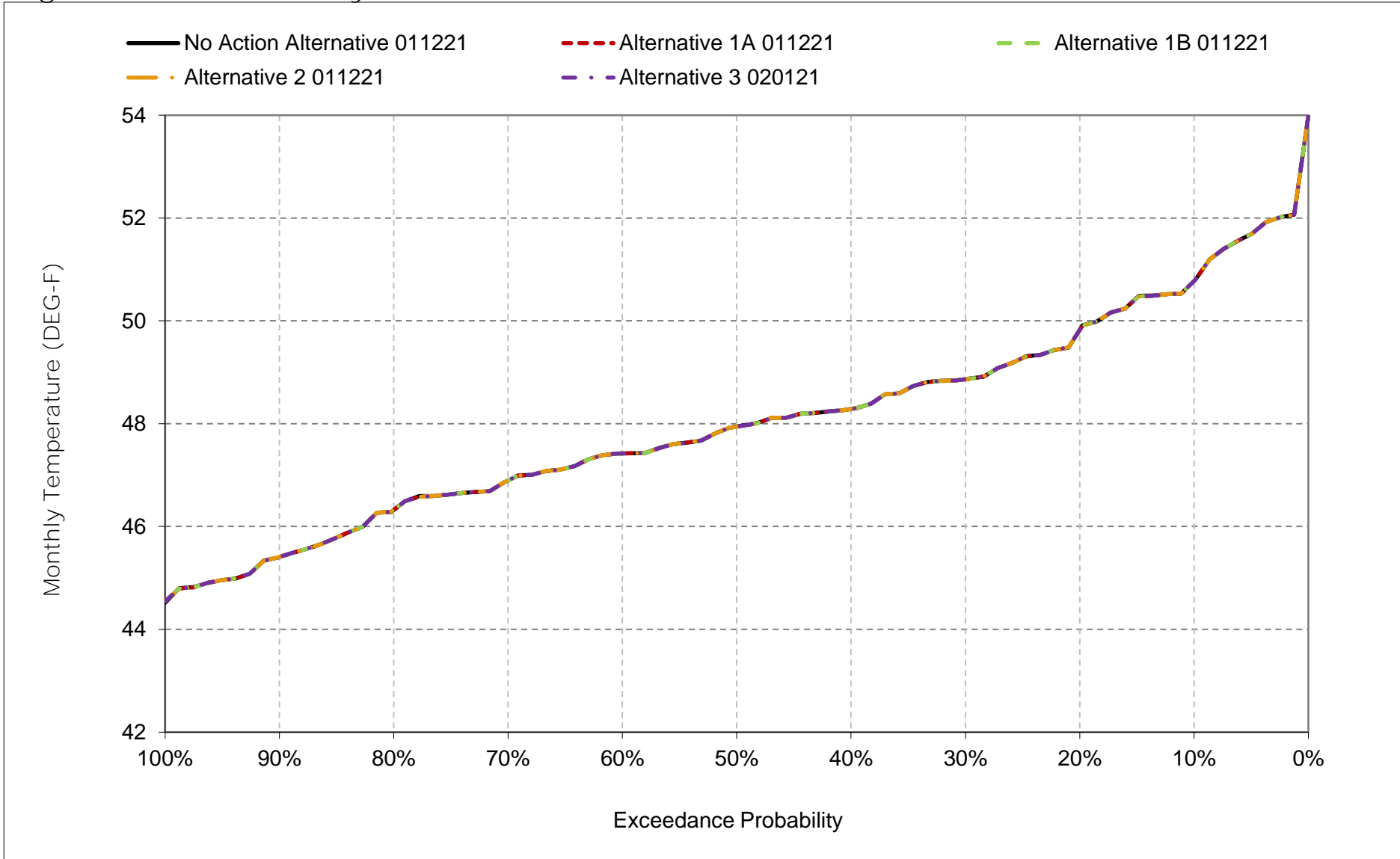
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-1-14. Trinity River below Lewiston Dam, May



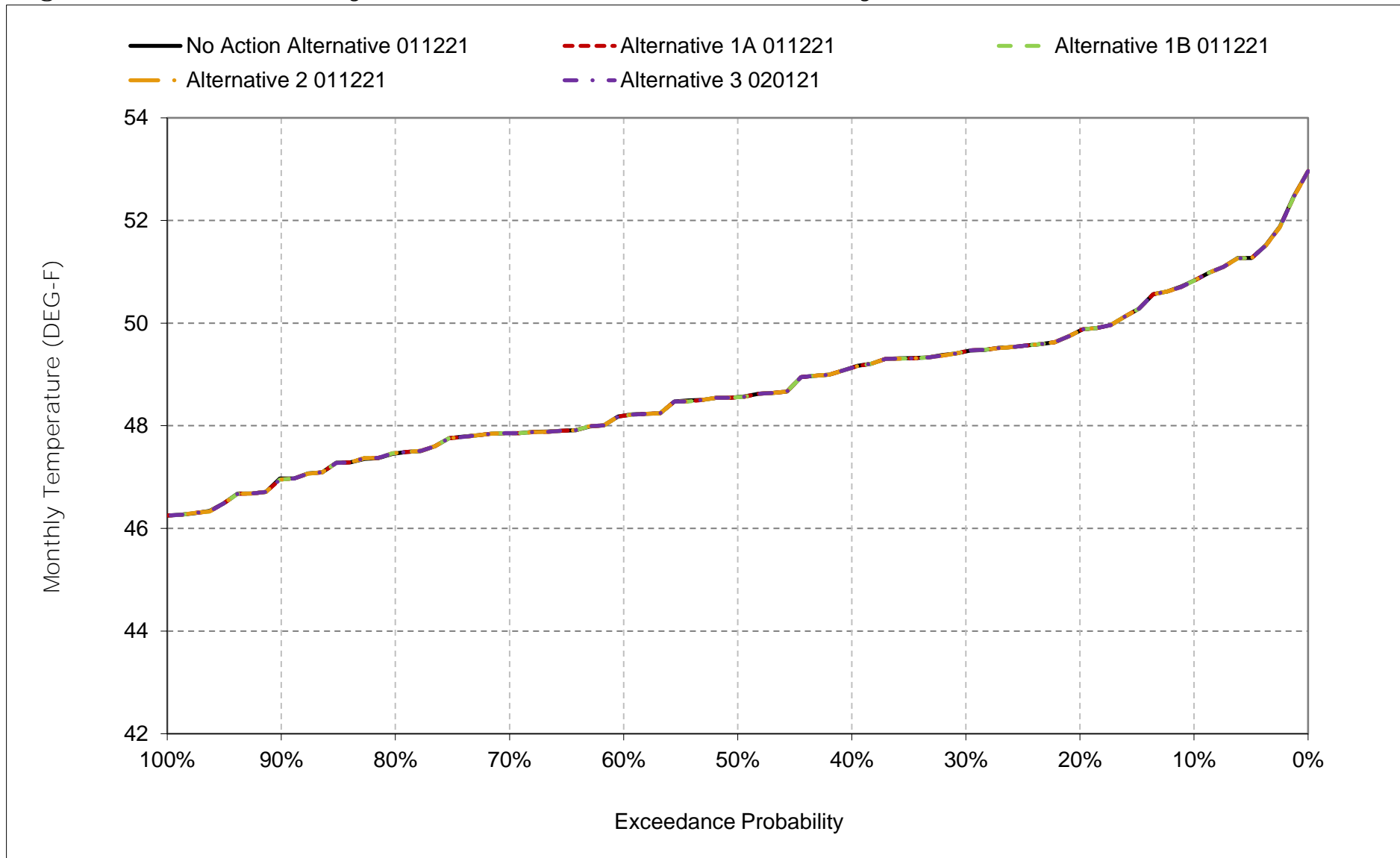
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-1-15. Trinity River below Lewiston Dam, June



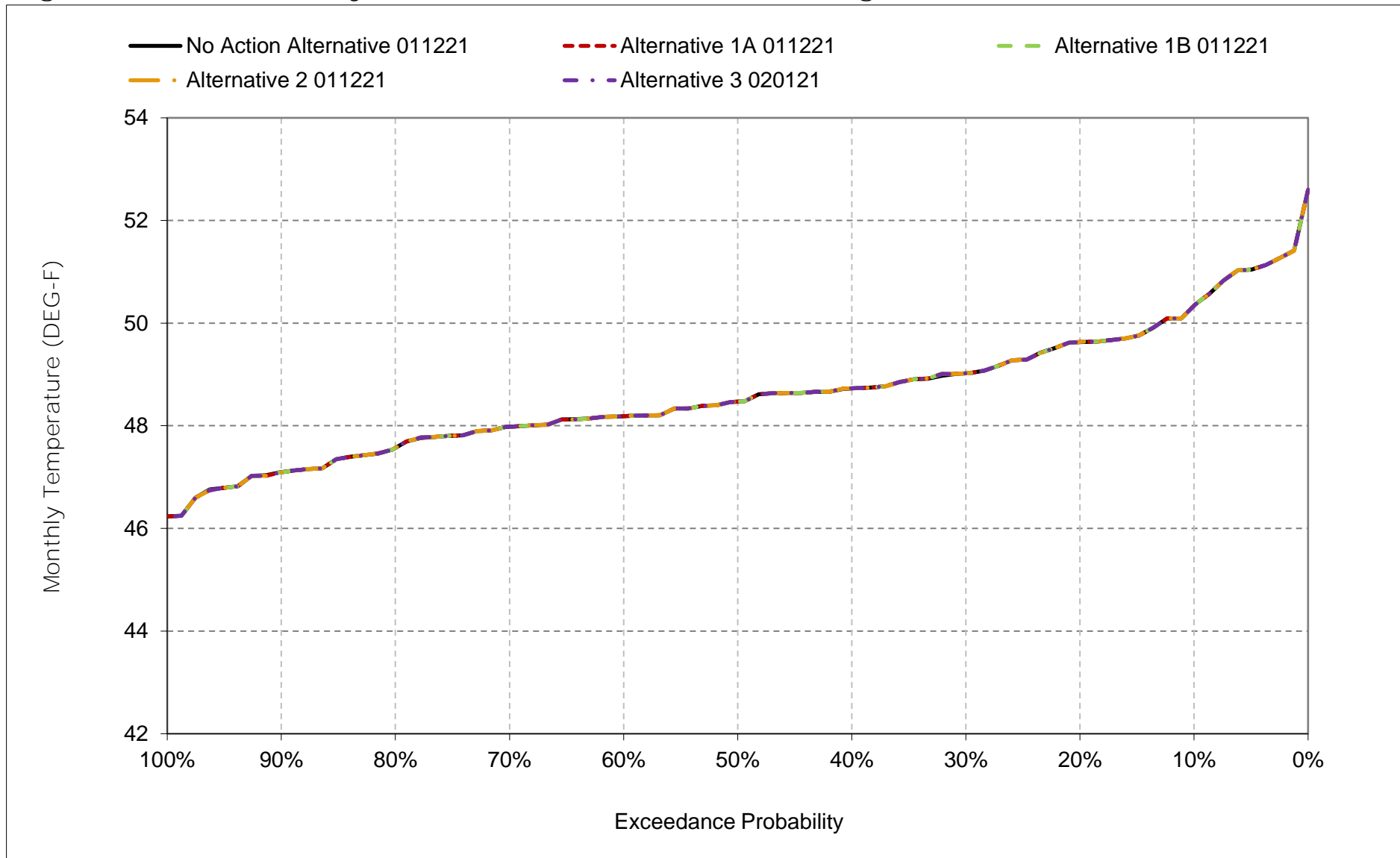
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-1-16. Trinity River below Lewiston Dam, July



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

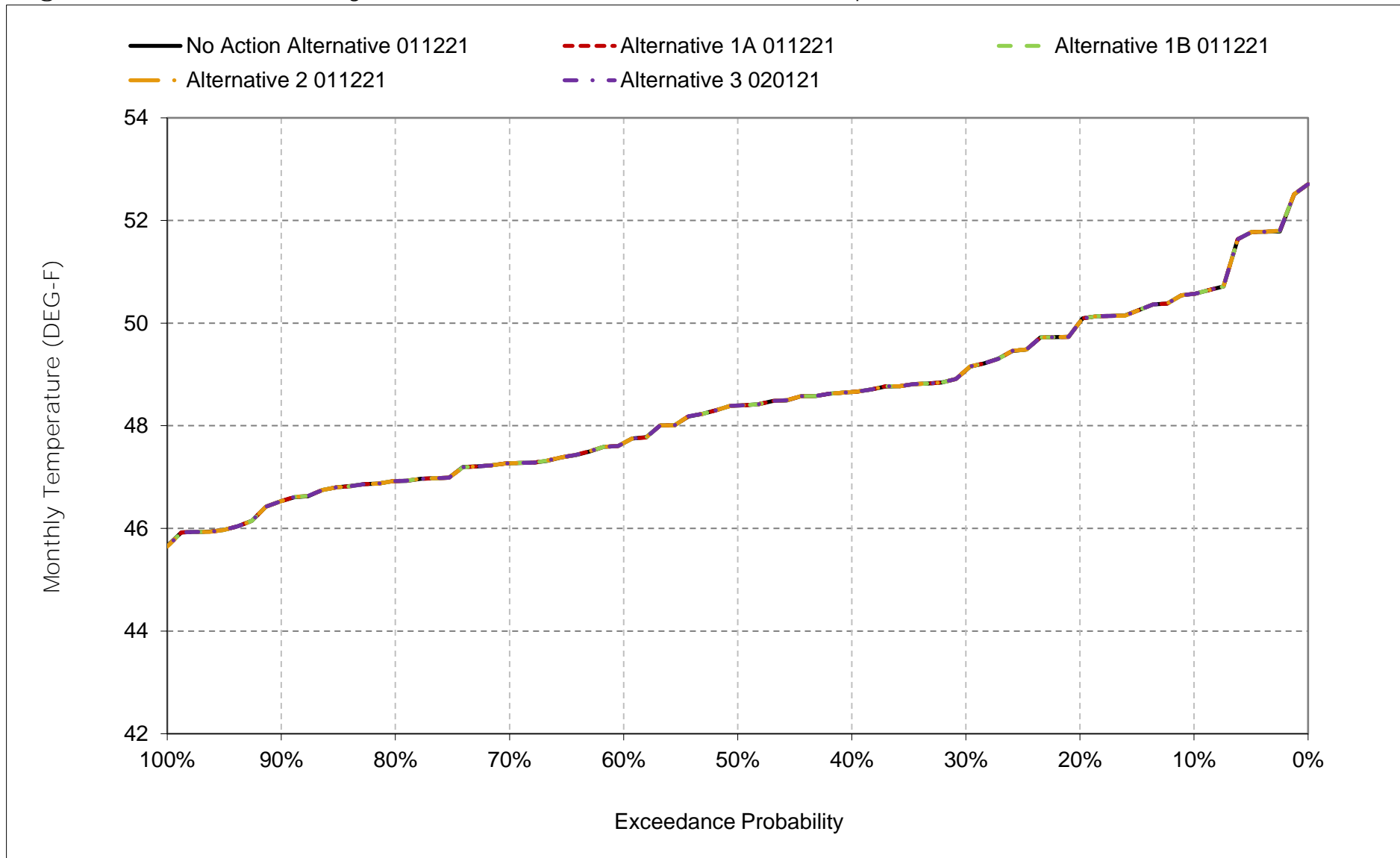
Figure 6C-1-17. Trinity River below Lewiston Dam, August



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.



Figure 6C-1-18. Trinity River below Lewiston Dam, September



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-2-1a. Clear Creek below Whiskeytown, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	51.3	50.0	46.8	44.9	44.8	45.8	47.0	48.0	48.8	50.4	51.0	51.3
20%	50.6	49.4	46.3	44.1	44.2	45.2	46.6	47.7	48.5	50.0	50.7	50.7
30%	50.0	49.2	45.8	44.0	43.8	44.9	46.2	47.5	48.4	49.7	50.3	50.1
40%	49.7	48.8	45.7	43.7	43.7	44.8	46.0	47.1	48.0	49.4	50.0	50.0
50%	49.4	48.4	45.3	43.5	43.5	44.6	45.8	47.0	47.7	49.3	49.7	49.7
60%	48.8	47.9	45.1	43.3	43.3	44.5	45.7	46.7	47.4	49.1	49.5	49.2
70%	48.3	47.8	45.0	43.0	43.1	44.3	45.5	46.5	47.0	48.7	49.3	48.8
80%	48.0	47.4	44.7	42.8	42.9	44.0	45.3	46.2	46.9	48.5	48.9	48.4
90%	47.7	46.9	44.5	42.6	42.8	43.8	44.9	46.0	46.5	48.1	48.5	48.1
Long Term												
Full Simulation Period <sup>a</sup>	49.4	48.4	45.5	43.6	43.6	44.6	45.9	46.9	47.7	49.2	49.8	49.7
Water Year Types <sup>b,c</sup>												
Wet (32%)	48.1	47.6	45.2	43.4	43.3	44.3	45.6	46.6	47.5	48.8	49.2	48.8
Above Normal (15%)	48.7	48.0	45.2	43.6	43.5	44.5	45.8	47.1	48.4	49.4	49.3	48.8
Below Normal (17%)	49.5	48.6	45.6	43.4	43.3	44.5	45.6	46.6	47.2	49.0	49.7	49.7
Dry (22%)	49.9	48.8	45.8	43.5	43.7	44.8	46.1	47.0	47.6	49.4	50.0	50.1
Critical (15%)	51.7	49.9	46.1	44.4	44.5	45.5	46.8	47.8	48.5	49.9	51.1	51.7

Table 6C-2-1b. Clear Creek below Whiskeytown, Alternative 1A 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	51.3	50.1	46.8	44.9	44.9	45.8	47.0	48.0	48.8	50.4	51.0	51.3
20%	50.6	49.4	46.4	44.2	44.2	45.2	46.6	47.7	48.5	50.0	50.7	50.7
30%	50.0	49.2	45.8	44.0	43.8	44.9	46.2	47.5	48.4	49.7	50.3	50.1
40%	49.7	48.8	45.7	43.7	43.7	44.8	46.0	47.1	48.0	49.4	50.0	50.0
50%	49.4	48.4	45.3	43.5	43.5	44.6	45.8	47.0	47.7	49.3	49.7	49.7
60%	48.8	47.9	45.1	43.3	43.3	44.5	45.7	46.7	47.4	49.1	49.5	49.2
70%	48.3	47.8	45.0	43.0	43.1	44.3	45.5	46.5	47.0	48.7	49.3	48.8
80%	48.0	47.5	44.7	42.8	42.9	44.0	45.3	46.2	46.9	48.5	48.9	48.4
90%	47.7	46.9	44.5	42.6	42.8	43.8	44.9	46.0	46.5	48.1	48.5	48.1
Long Term												
Full Simulation Period <sup>a</sup>	49.4	48.4	45.5	43.6	43.6	44.6	45.9	46.9	47.7	49.2	49.8	49.7
Water Year Types <sup>b,c</sup>												
Wet (32%)	48.1	47.6	45.2	43.4	43.3	44.3	45.6	46.6	47.5	48.8	49.2	48.8
Above Normal (15%)	48.7	48.0	45.2	43.6	43.5	44.5	45.8	47.1	48.4	49.4	49.3	48.8
Below Normal (17%)	49.5	48.6	45.6	43.4	43.3	44.5	45.6	46.6	47.3	49.0	49.7	49.7
Dry (22%)	49.9	48.8	45.8	43.5	43.7	44.8	46.1	47.0	47.6	49.4	50.0	50.1
Critical (15%)	51.7	49.9	46.1	44.4	44.5	45.5	46.8	47.8	48.5	49.9	51.1	51.7

Table 6C-2-1c. Clear Creek below Whiskeytown, Alternative 1A 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Critical (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-2-2a. Clear Creek below Whiskeytown, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	51.3	50.0	46.8	44.9	44.8	45.8	47.0	48.0	48.8	50.4	51.0	51.3
20%	50.6	49.4	46.3	44.1	44.2	45.2	46.6	47.7	48.5	50.0	50.7	50.7
30%	50.0	49.2	45.8	44.0	43.8	44.9	46.2	47.5	48.4	49.7	50.3	50.1
40%	49.7	48.8	45.7	43.7	43.7	44.8	46.0	47.1	48.0	49.4	50.0	50.0
50%	49.4	48.4	45.3	43.5	43.5	44.6	45.8	47.0	47.7	49.3	49.7	49.7
60%	48.8	47.9	45.1	43.3	43.3	44.5	45.7	46.7	47.4	49.1	49.5	49.2
70%	48.3	47.8	45.0	43.0	43.1	44.3	45.5	46.5	47.0	48.7	49.3	48.8
80%	48.0	47.4	44.7	42.8	42.9	44.0	45.3	46.2	46.9	48.5	48.9	48.4
90%	47.7	46.9	44.5	42.6	42.8	43.8	44.9	46.0	46.5	48.1	48.5	48.1
Long Term												
Full Simulation Period <sup>a</sup>	49.4	48.4	45.5	43.6	43.6	44.6	45.9	46.9	47.7	49.2	49.8	49.7
Water Year Types <sup>b,c</sup>												
Wet (32%)	48.1	47.6	45.2	43.4	43.3	44.3	45.6	46.6	47.5	48.8	49.2	48.8
Above Normal (15%)	48.7	48.0	45.2	43.6	43.5	44.5	45.8	47.1	48.4	49.4	49.3	48.8
Below Normal (17%)	49.5	48.6	45.6	43.4	43.3	44.5	45.6	46.6	47.2	49.0	49.7	49.7
Dry (22%)	49.9	48.8	45.8	43.5	43.7	44.8	46.1	47.0	47.6	49.4	50.0	50.1
Critical (15%)	51.7	49.9	46.1	44.4	44.5	45.5	46.8	47.8	48.5	49.9	51.1	51.7

Table 6C-2-2b. Clear Creek below Whiskeytown, Alternative 1B 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	51.3	50.1	46.9	44.9	44.8	45.8	47.0	48.0	48.8	50.4	51.0	51.3
20%	50.6	49.4	46.4	44.2	44.2	45.2	46.6	47.7	48.5	50.0	50.7	50.7
30%	50.0	49.2	45.8	44.0	43.8	44.9	46.2	47.5	48.4	49.7	50.3	50.1
40%	49.7	48.8	45.7	43.7	43.7	44.8	46.0	47.1	48.0	49.4	50.0	50.0
50%	49.4	48.4	45.3	43.5	43.5	44.6	45.8	47.0	47.7	49.3	49.7	49.7
60%	48.8	47.9	45.1	43.2	43.4	44.5	45.7	46.7	47.4	49.1	49.5	49.2
70%	48.3	47.8	45.0	43.0	43.0	44.3	45.5	46.5	47.0	48.7	49.3	48.8
80%	48.0	47.5	44.7	42.8	42.9	44.0	45.3	46.2	46.9	48.5	48.9	48.4
90%	47.7	46.9	44.5	42.6	42.8	43.8	44.9	46.0	46.5	48.1	48.5	48.1
Long Term												
Full Simulation Period <sup>a</sup>	49.4	48.4	45.5	43.6	43.6	44.6	45.9	46.9	47.7	49.2	49.8	49.7
Water Year Types <sup>b,c</sup>												
Wet (32%)	48.1	47.6	45.2	43.4	43.3	44.3	45.6	46.6	47.5	48.8	49.2	48.8
Above Normal (15%)	48.7	48.0	45.2	43.6	43.5	44.5	45.8	47.1	48.4	49.4	49.3	48.8
Below Normal (17%)	49.5	48.6	45.6	43.4	43.3	44.5	45.6	46.6	47.2	49.0	49.7	49.7
Dry (22%)	49.9	48.8	45.8	43.5	43.7	44.8	46.1	47.0	47.6	49.4	50.0	50.1
Critical (15%)	51.7	49.9	46.1	44.4	44.5	45.5	46.8	47.8	48.5	49.9	51.1	51.7

Table 6C-2-2c. Clear Creek below Whiskeytown, Alternative 1B 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Critical (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-2-3a. Clear Creek below Whiskeytown, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	51.3	50.0	46.8	44.9	44.8	45.8	47.0	48.0	48.8	50.4	51.0	51.3
20%	50.6	49.4	46.3	44.1	44.2	45.2	46.6	47.7	48.5	50.0	50.7	50.7
30%	50.0	49.2	45.8	44.0	43.8	44.9	46.2	47.5	48.4	49.7	50.3	50.1
40%	49.7	48.8	45.7	43.7	43.7	44.8	46.0	47.1	48.0	49.4	50.0	50.0
50%	49.4	48.4	45.3	43.5	43.5	44.6	45.8	47.0	47.7	49.3	49.7	49.7
60%	48.8	47.9	45.1	43.3	43.3	44.5	45.7	46.7	47.4	49.1	49.5	49.2
70%	48.3	47.8	45.0	43.0	43.1	44.3	45.5	46.5	47.0	48.7	49.3	48.8
80%	48.0	47.4	44.7	42.8	42.9	44.0	45.3	46.2	46.9	48.5	48.9	48.4
90%	47.7	46.9	44.5	42.6	42.8	43.8	44.9	46.0	46.5	48.1	48.5	48.1
Long Term												
Full Simulation Period <sup>a</sup>	49.4	48.4	45.5	43.6	43.6	44.6	45.9	46.9	47.7	49.2	49.8	49.7
Water Year Types <sup>b,c</sup>												
Wet (32%)	48.1	47.6	45.2	43.4	43.3	44.3	45.6	46.6	47.5	48.8	49.2	48.8
Above Normal (15%)	48.7	48.0	45.2	43.6	43.5	44.5	45.8	47.1	48.4	49.4	49.3	48.8
Below Normal (17%)	49.5	48.6	45.6	43.4	43.3	44.5	45.6	46.6	47.2	49.0	49.7	49.7
Dry (22%)	49.9	48.8	45.8	43.5	43.7	44.8	46.1	47.0	47.6	49.4	50.0	50.1
Critical (15%)	51.7	49.9	46.1	44.4	44.5	45.5	46.8	47.8	48.5	49.9	51.1	51.7

Table 6C-2-3b. Clear Creek below Whiskeytown, Alternative 2 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	51.3	50.1	46.8	44.9	44.9	45.8	47.0	48.0	48.8	50.4	51.0	51.3
20%	50.6	49.4	46.4	44.2	44.2	45.2	46.6	47.7	48.5	50.0	50.7	50.7
30%	50.0	49.2	45.8	44.0	43.8	44.9	46.2	47.5	48.4	49.7	50.3	50.1
40%	49.7	48.8	45.7	43.7	43.7	44.8	46.0	47.1	48.0	49.4	50.0	50.0
50%	49.4	48.4	45.3	43.5	43.5	44.6	45.8	47.0	47.7	49.3	49.7	49.7
60%	48.8	47.9	45.1	43.2	43.3	44.5	45.7	46.7	47.4	49.1	49.5	49.2
70%	48.3	47.8	45.0	43.0	43.0	44.3	45.5	46.5	47.0	48.7	49.3	48.8
80%	48.0	47.5	44.7	42.8	42.9	44.0	45.3	46.2	46.9	48.5	48.9	48.4
90%	47.7	46.9	44.5	42.6	42.8	43.8	44.9	46.0	46.5	48.1	48.5	48.1
Long Term												
Full Simulation Period <sup>a</sup>	49.4	48.4	45.5	43.6	43.6	44.6	45.9	46.9	47.7	49.2	49.8	49.7
Water Year Types <sup>b,c</sup>												
Wet (32%)	48.1	47.6	45.2	43.4	43.3	44.3	45.6	46.6	47.5	48.8	49.2	48.8
Above Normal (15%)	48.7	48.0	45.2	43.6	43.5	44.5	45.8	47.1	48.4	49.4	49.3	48.8
Below Normal (17%)	49.5	48.6	45.6	43.4	43.3	44.5	45.6	46.6	47.2	49.0	49.7	49.7
Dry (22%)	49.9	48.8	45.8	43.5	43.7	44.8	46.1	47.0	47.6	49.4	50.0	50.1
Critical (15%)	51.7	49.9	46.1	44.4	44.5	45.5	46.8	47.8	48.5	49.9	51.1	51.7

Table 6C-2-3c. Clear Creek below Whiskeytown, Alternative 2 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Critical (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-2-4a. Clear Creek below Whiskeytown, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	51.3	50.0	46.8	44.9	44.8	45.8	47.0	48.0	48.8	50.4	51.0	51.3
20%	50.6	49.4	46.3	44.1	44.2	45.2	46.6	47.7	48.5	50.0	50.7	50.7
30%	50.0	49.2	45.8	44.0	43.8	44.9	46.2	47.5	48.4	49.7	50.3	50.1
40%	49.7	48.8	45.7	43.7	43.7	44.8	46.0	47.1	48.0	49.4	50.0	50.0
50%	49.4	48.4	45.3	43.5	43.5	44.6	45.8	47.0	47.7	49.3	49.7	49.7
60%	48.8	47.9	45.1	43.3	43.3	44.5	45.7	46.7	47.4	49.1	49.5	49.2
70%	48.3	47.8	45.0	43.0	43.1	44.3	45.5	46.5	47.0	48.7	49.3	48.8
80%	48.0	47.4	44.7	42.8	42.9	44.0	45.3	46.2	46.9	48.5	48.9	48.4
90%	47.7	46.9	44.5	42.6	42.8	43.8	44.9	46.0	46.5	48.1	48.5	48.1
Long Term												
Full Simulation Period <sup>a</sup>	49.4	48.4	45.5	43.6	43.6	44.6	45.9	46.9	47.7	49.2	49.8	49.7
Water Year Types <sup>b,c</sup>												
Wet (32%)	48.1	47.6	45.2	43.4	43.3	44.3	45.6	46.6	47.5	48.8	49.2	48.8
Above Normal (15%)	48.7	48.0	45.2	43.6	43.5	44.5	45.8	47.1	48.4	49.4	49.3	48.8
Below Normal (17%)	49.5	48.6	45.6	43.4	43.3	44.5	45.6	46.6	47.2	49.0	49.7	49.7
Dry (22%)	49.9	48.8	45.8	43.5	43.7	44.8	46.1	47.0	47.6	49.4	50.0	50.1
Critical (15%)	51.7	49.9	46.1	44.4	44.5	45.5	46.8	47.8	48.5	49.9	51.1	51.7

Table 6C-2-4b. Clear Creek below Whiskeytown, Alternative 3 020121, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	51.3	50.1	46.8	44.9	44.8	45.8	47.0	48.0	48.8	50.4	51.0	51.3
20%	50.6	49.4	46.4	44.2	44.2	45.2	46.6	47.7	48.5	50.0	50.7	50.7
30%	50.0	49.2	45.8	44.0	43.8	44.9	46.2	47.5	48.4	49.7	50.3	50.1
40%	49.7	48.8	45.7	43.7	43.7	44.8	46.0	47.1	48.0	49.4	50.0	50.0
50%	49.4	48.4	45.3	43.5	43.5	44.6	45.8	47.0	47.7	49.3	49.7	49.7
60%	48.8	47.9	45.1	43.3	43.4	44.5	45.7	46.8	47.4	49.1	49.5	49.2
70%	48.3	47.8	45.0	43.0	43.0	44.3	45.5	46.5	47.0	48.7	49.3	48.8
80%	48.0	47.5	44.7	42.8	42.9	44.0	45.3	46.2	46.9	48.5	48.9	48.4
90%	47.7	46.9	44.5	42.6	42.8	43.8	44.9	46.0	46.5	48.1	48.5	48.1
Long Term												
Full Simulation Period <sup>a</sup>	49.4	48.4	45.5	43.6	43.6	44.6	45.9	46.9	47.7	49.2	49.8	49.7
Water Year Types <sup>b,c</sup>												
Wet (32%)	48.1	47.6	45.2	43.4	43.3	44.3	45.6	46.6	47.5	48.8	49.2	48.8
Above Normal (15%)	48.7	48.0	45.3	43.6	43.5	44.5	45.8	47.1	48.4	49.4	49.3	48.8
Below Normal (17%)	49.5	48.6	45.6	43.4	43.3	44.5	45.6	46.6	47.2	49.0	49.7	49.7
Dry (22%)	49.9	48.8	45.8	43.5	43.7	44.8	46.1	47.0	47.6	49.4	50.0	50.1
Critical (15%)	51.7	49.9	46.1	44.4	44.5	45.5	46.8	47.8	48.5	49.9	51.1	51.7

Table 6C-2-4c. Clear Creek below Whiskeytown, Alternative 3 020121 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Critical (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

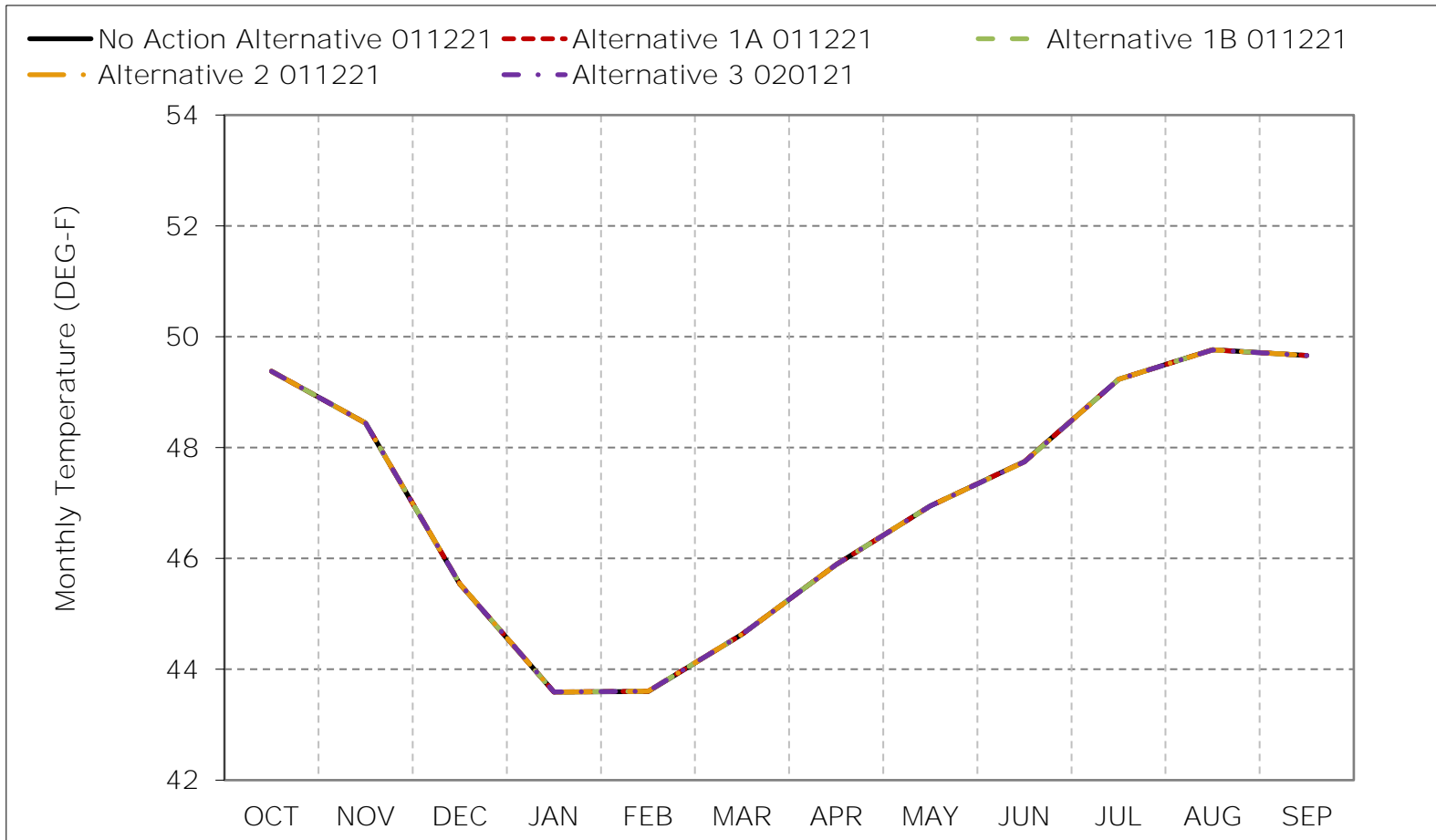
a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-2-1. Clear Creek below Whiskeytown, Long-Term Average Temperature

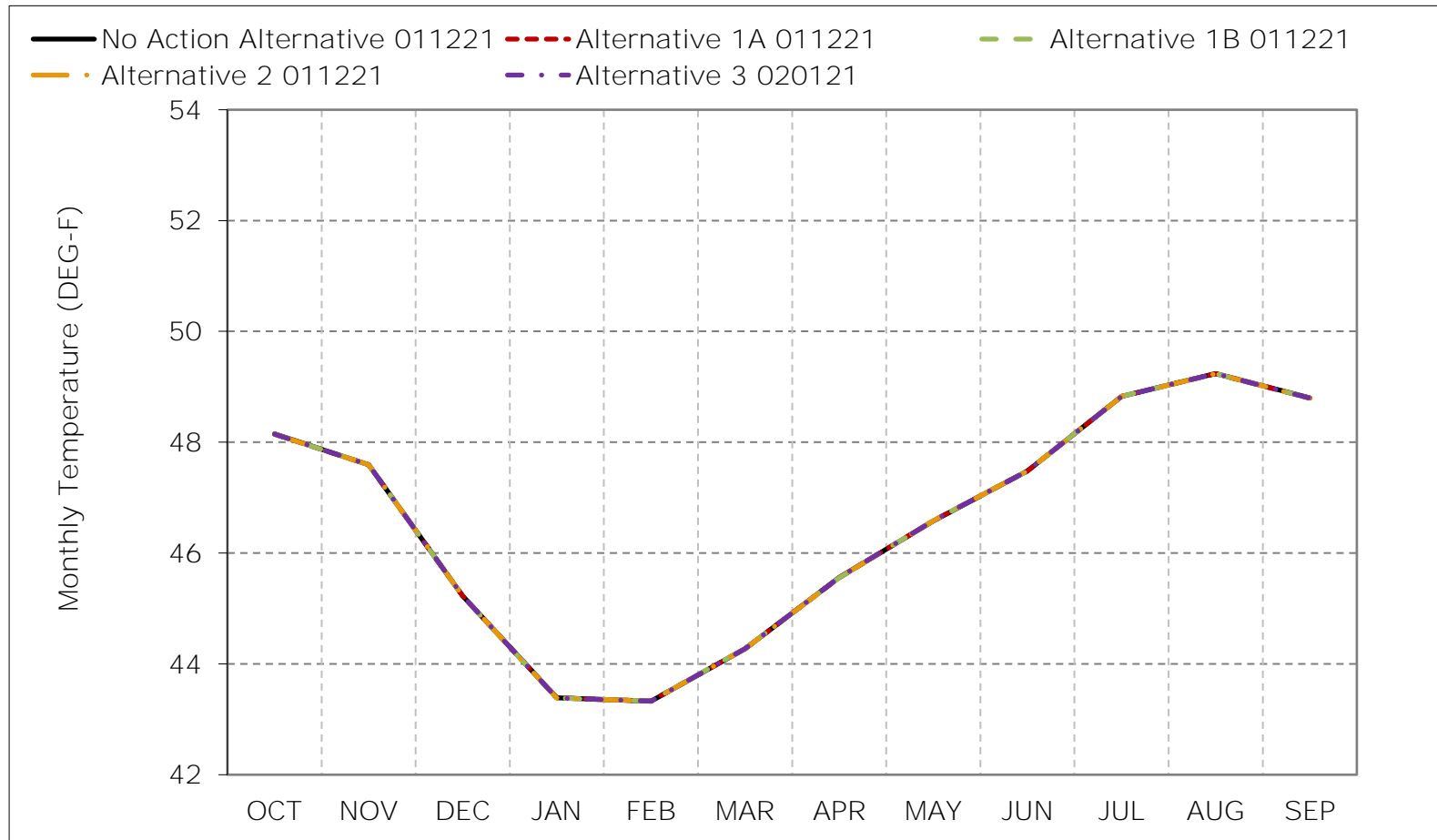


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-2-2. Clear Creek below Whiskeytown, Wet Year Average Temperature

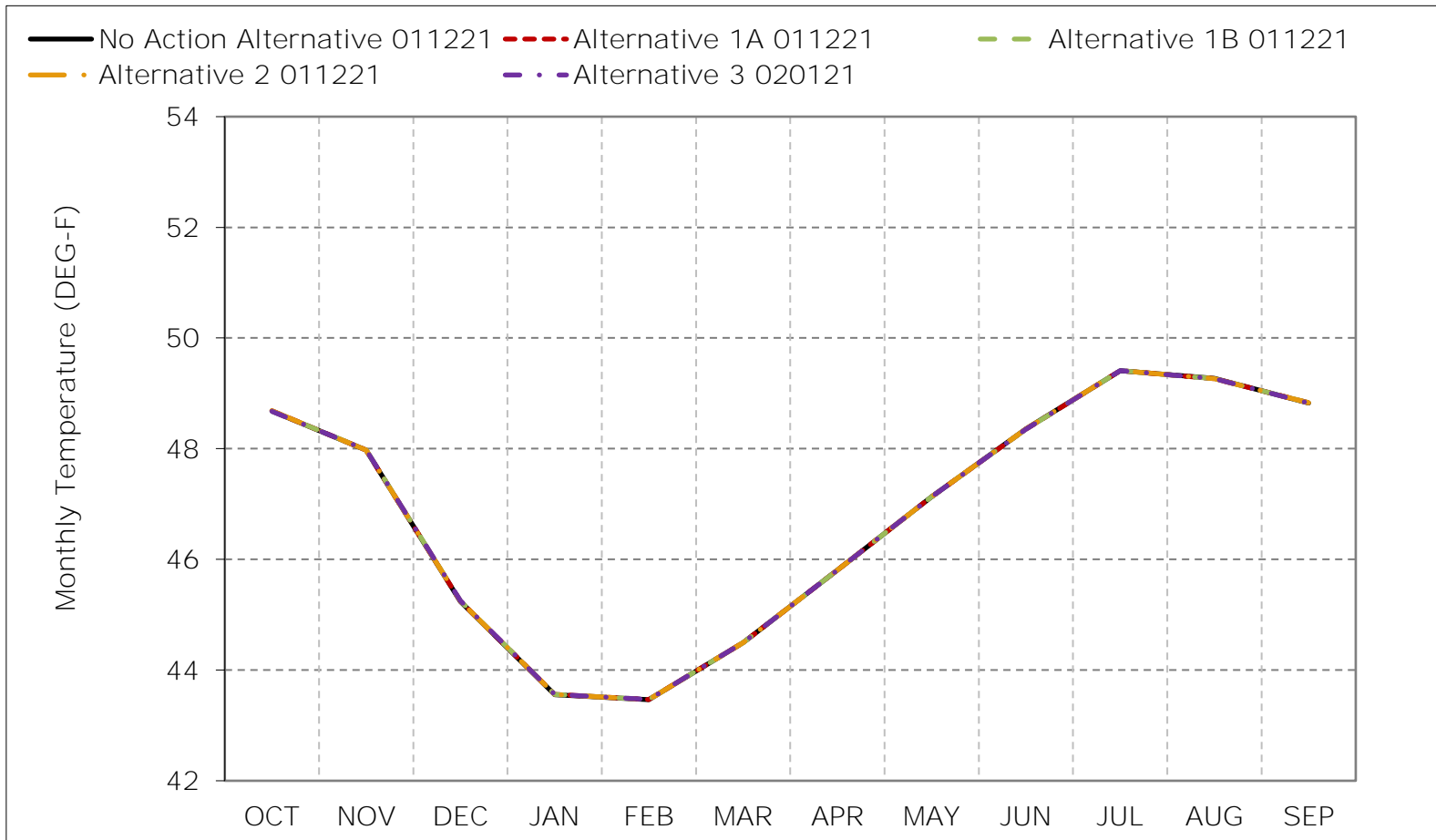


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-2-3. Clear Creek below Whiskeytown, Above Normal Year Average Temperat



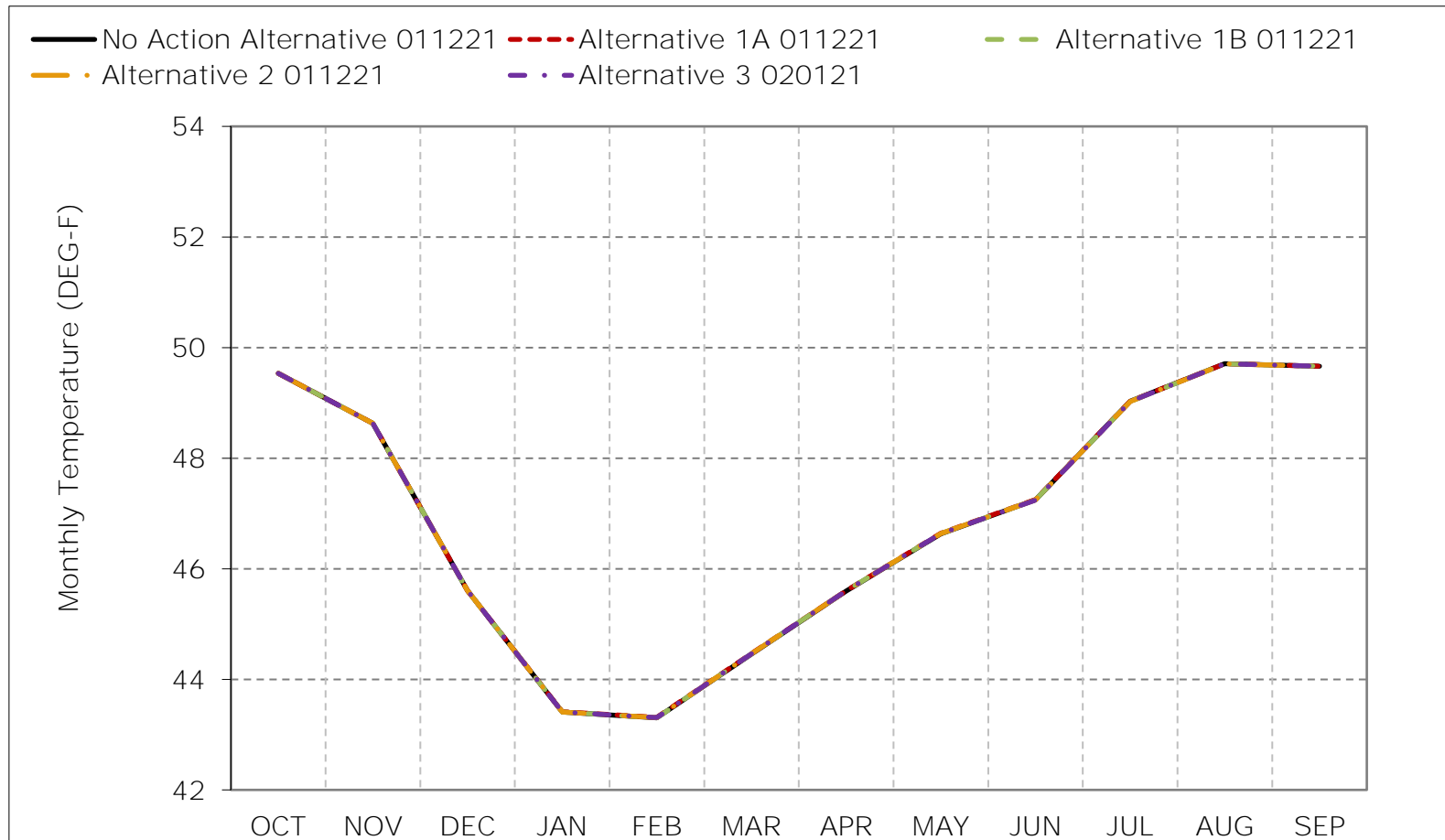
\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.



Figure 6C-2-4. Clear Creek below Whiskeytown, Below Normal Year Average Temperat

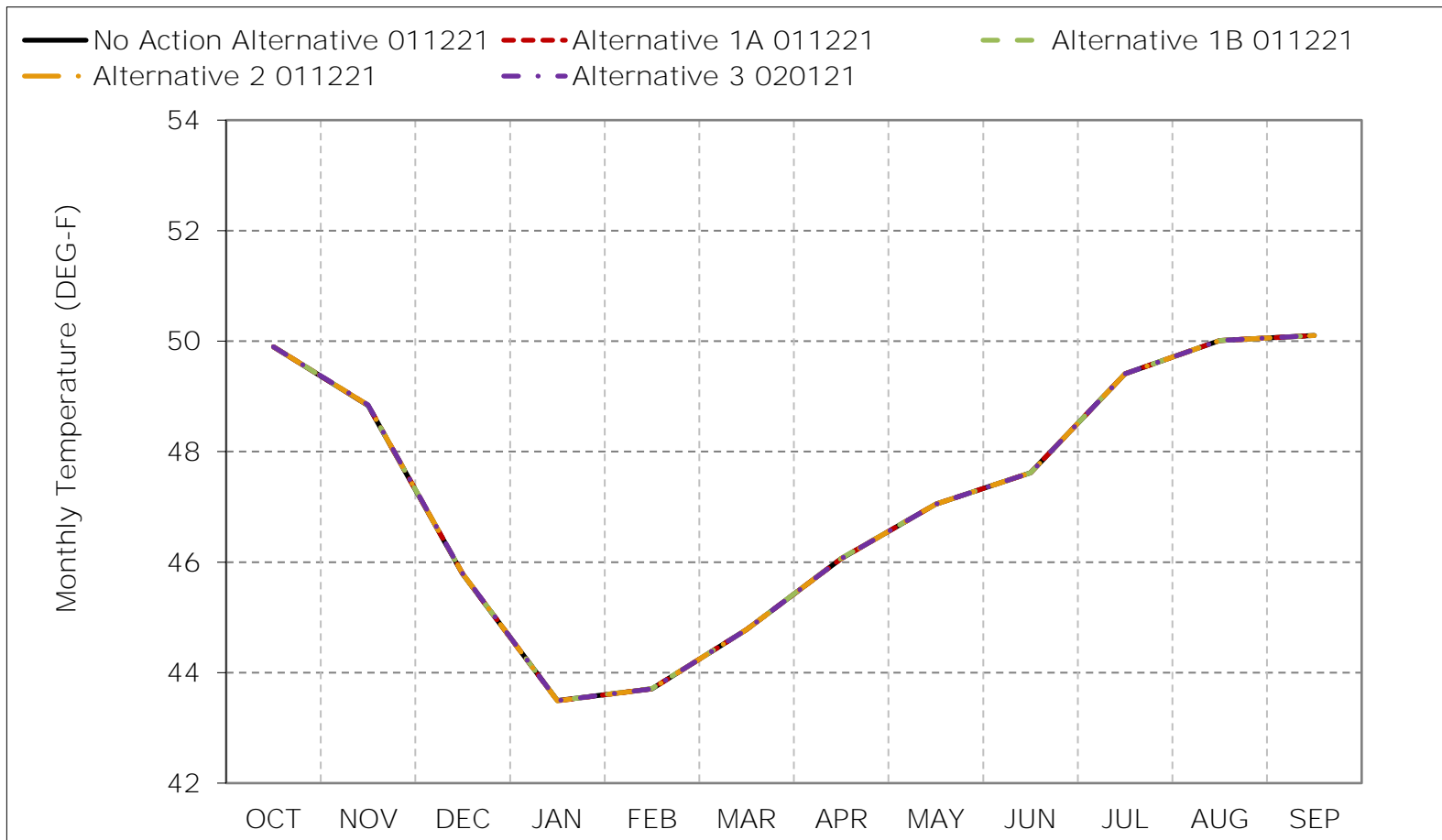


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-2-5. Clear Creek below Whiskeytown, Dry Year Average Temperature

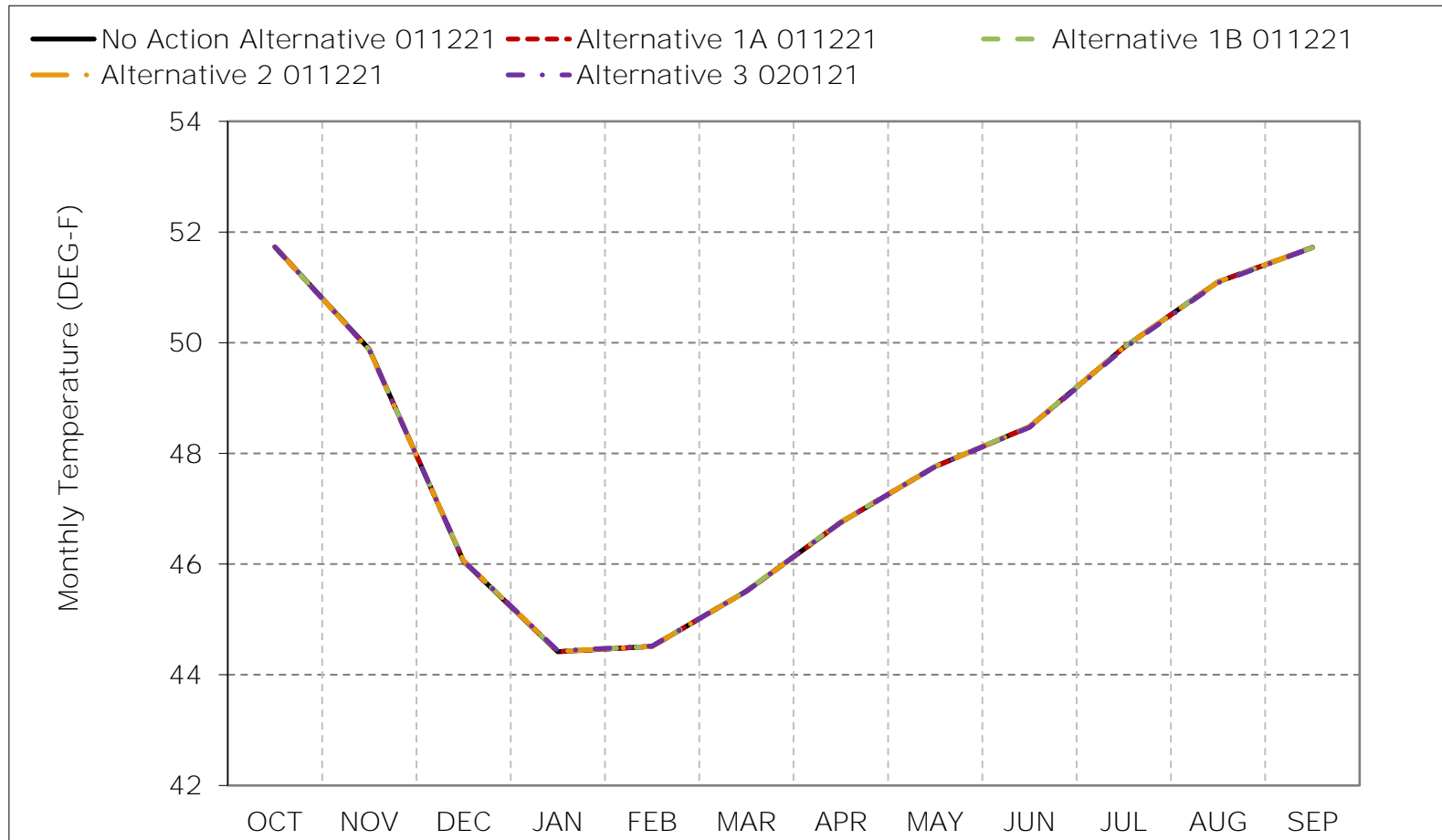


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-2-6. Clear Creek below Whiskeytown, Critical Year Average Temperature

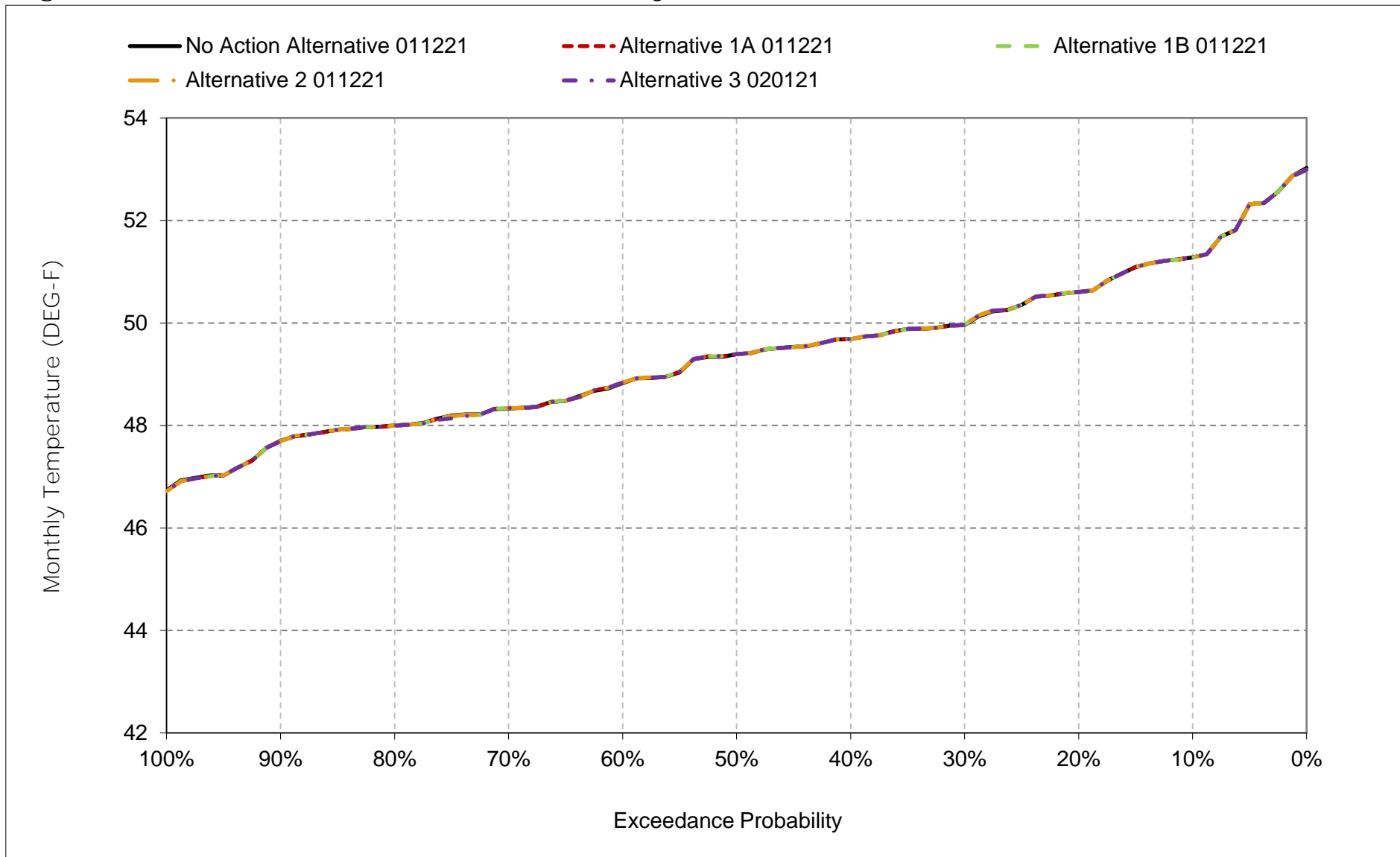


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

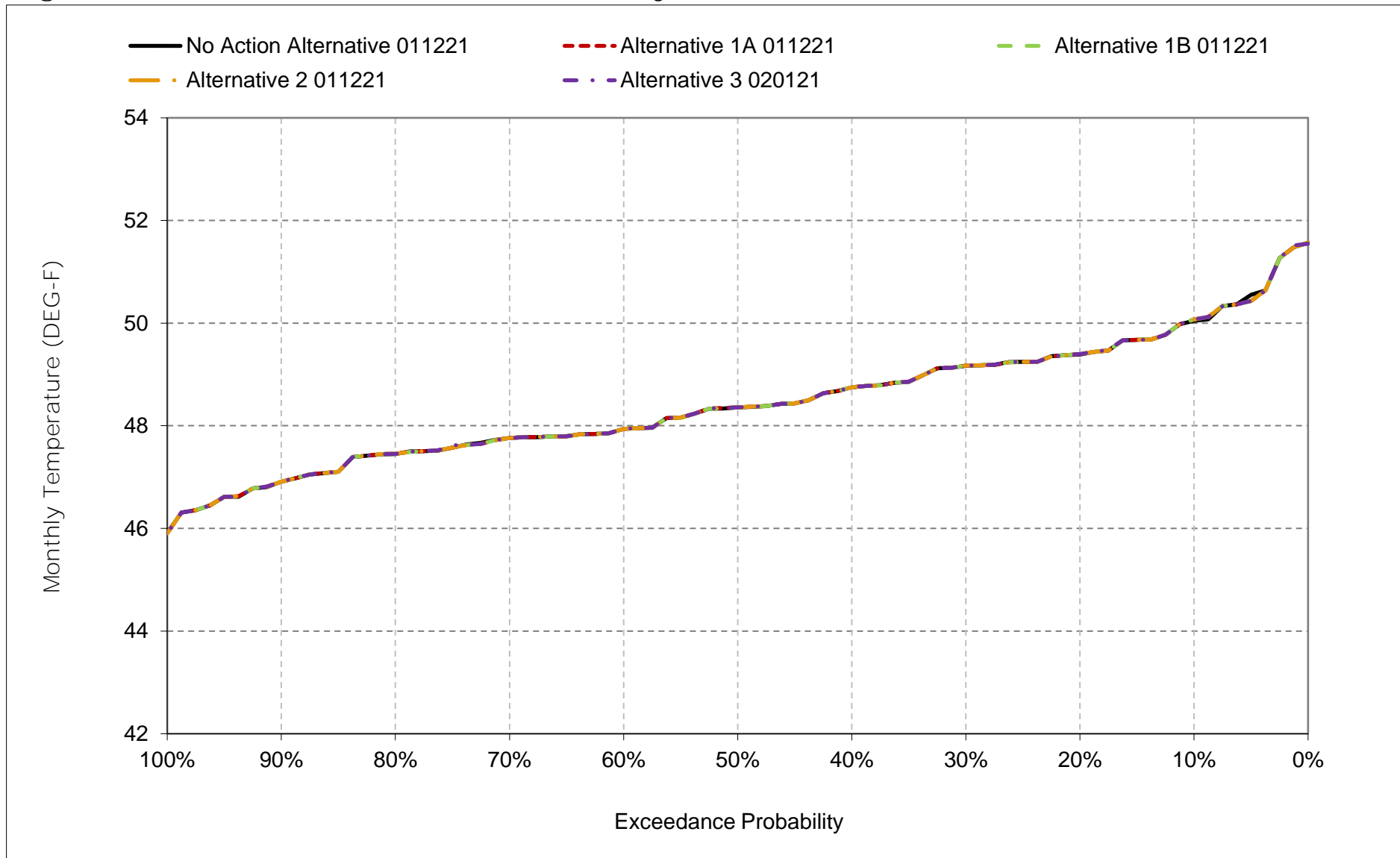
\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-2-7. Clear Creek below Whiskeytown, October



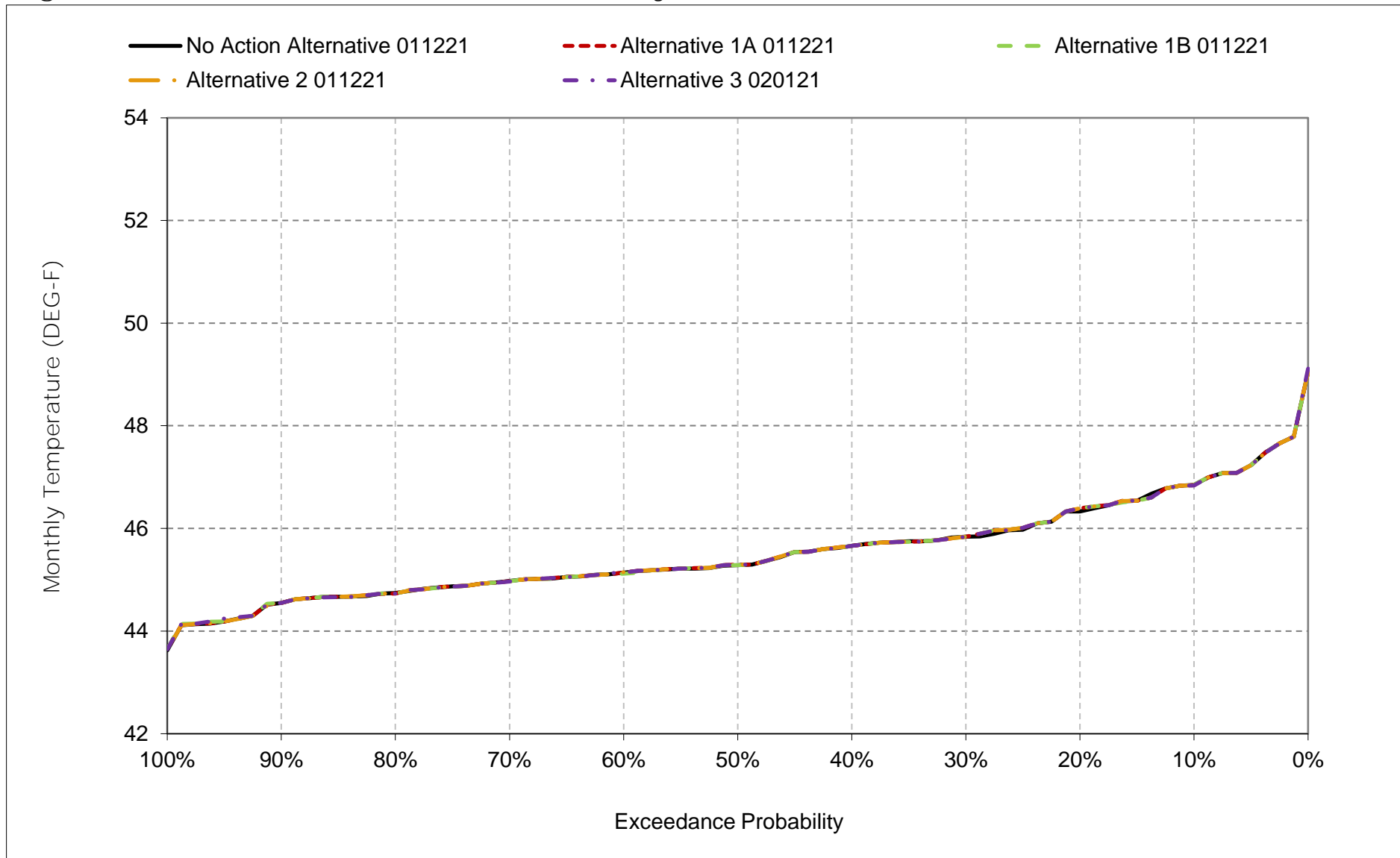
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-2-8. Clear Creek below Whiskeytown, November



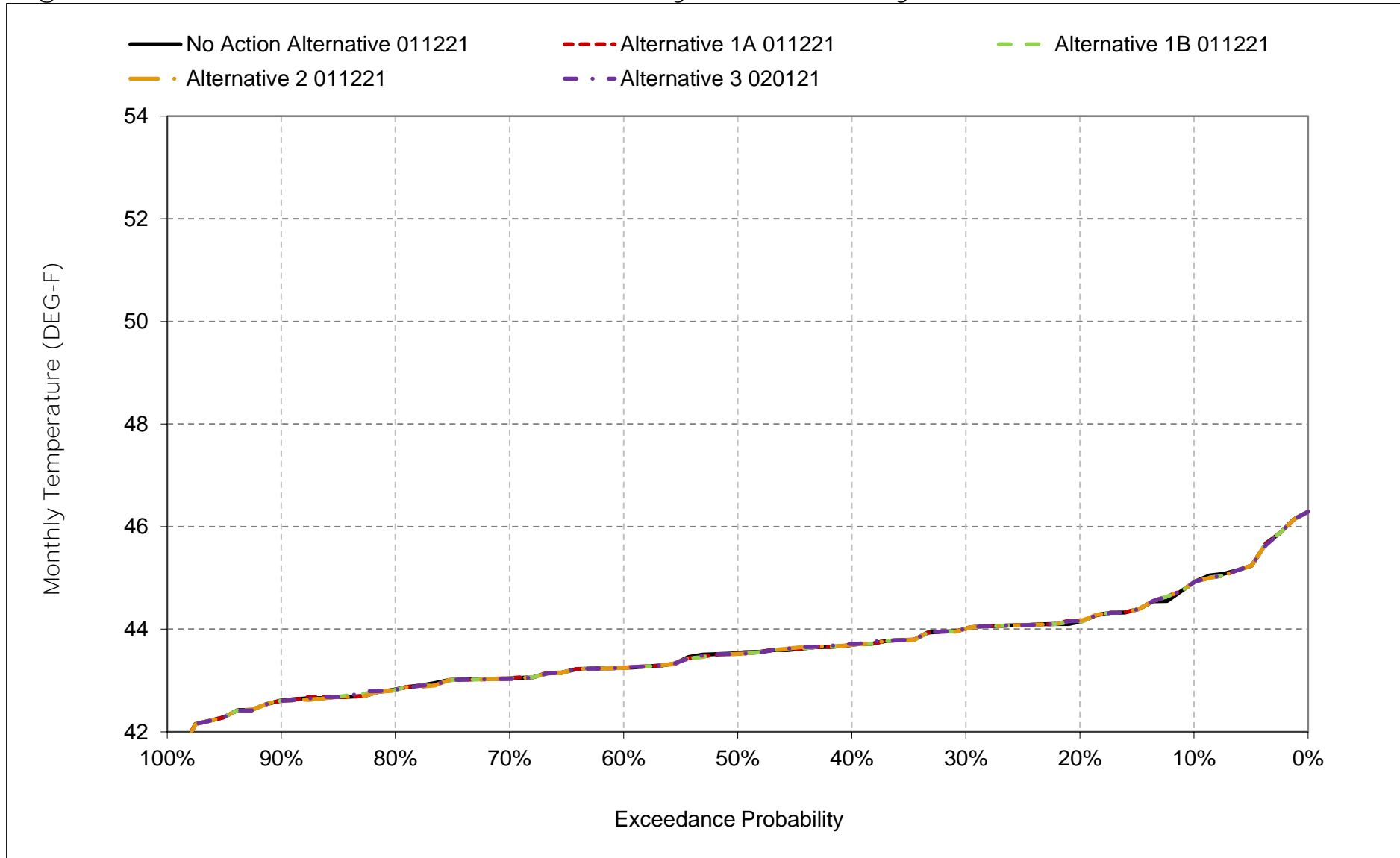
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-2-9. Clear Creek below Whiskeytown, December



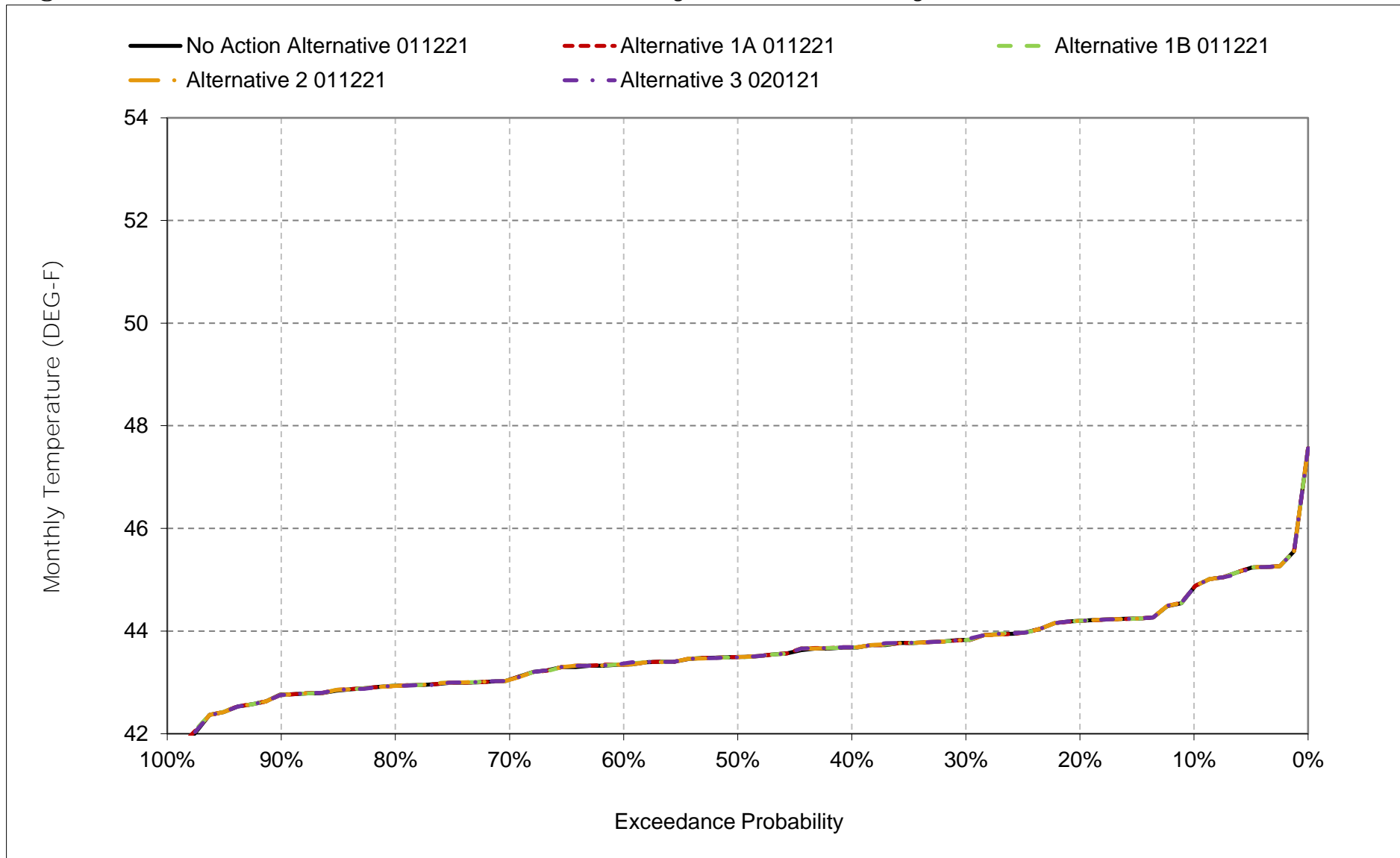
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-2-10. Clear Creek below Whiskeytown, January



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

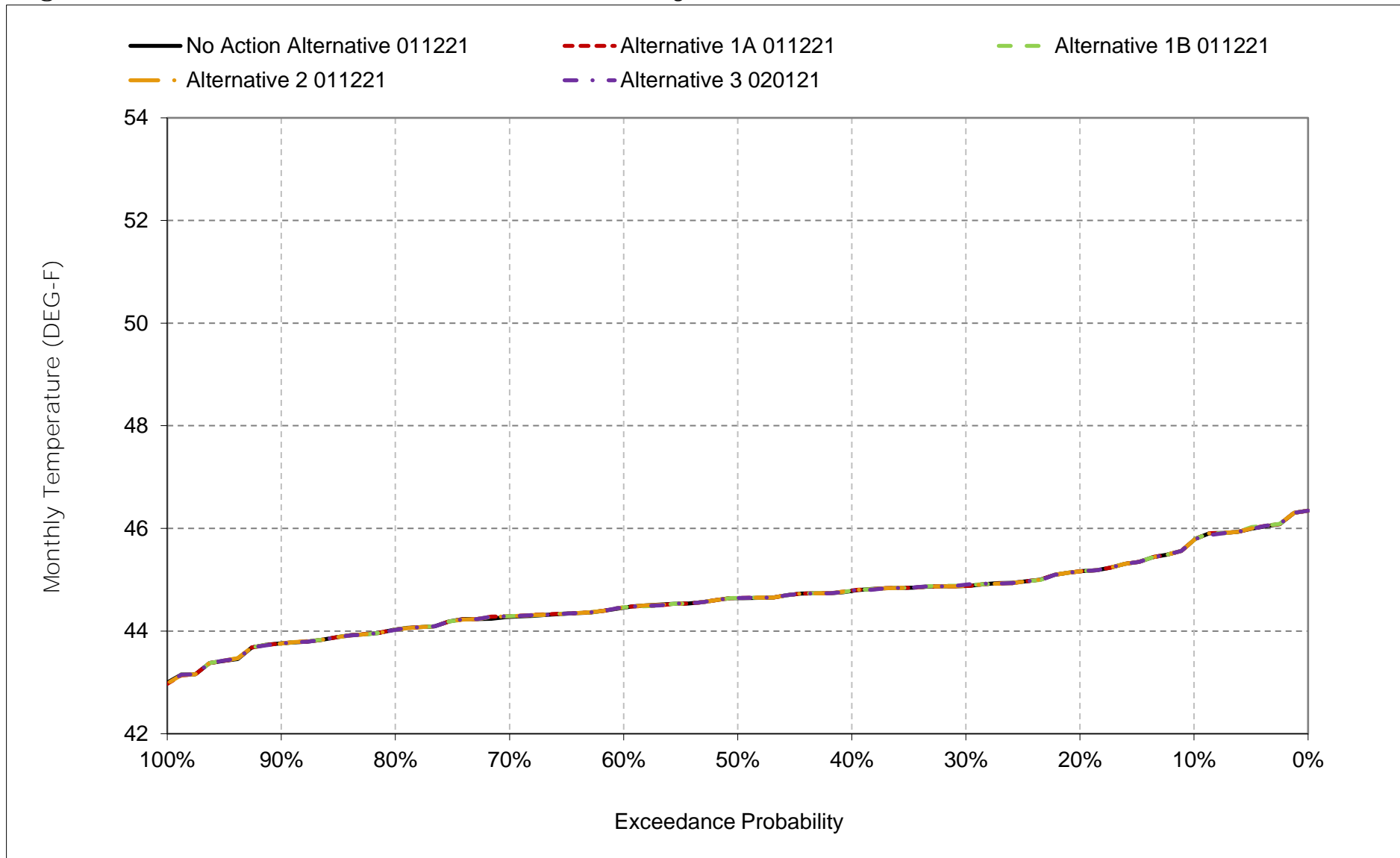
Figure 6C-2-11. Clear Creek below Whiskeytown, February



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

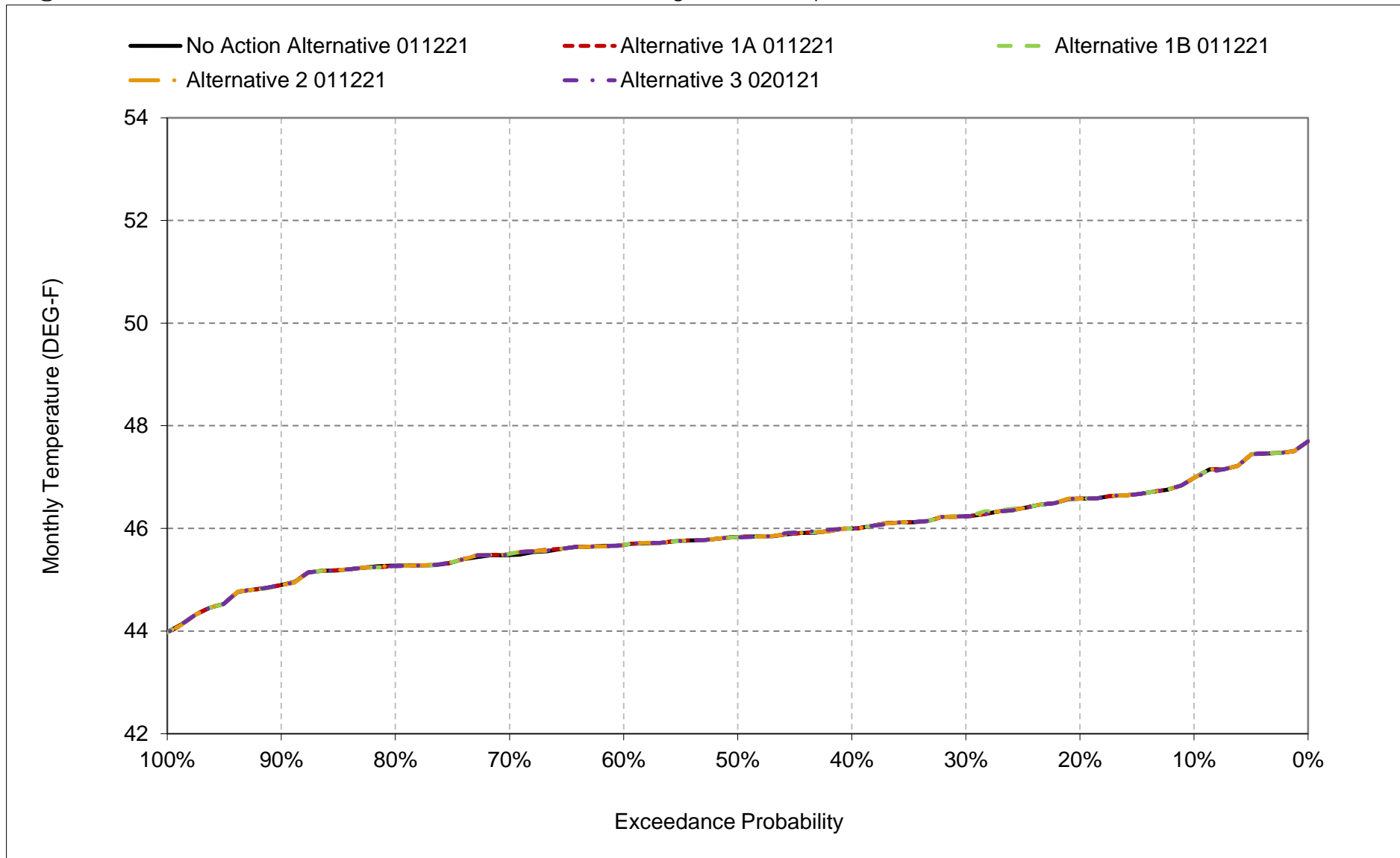


Figure 6C-2-12. Clear Creek below Whiskeytown, March



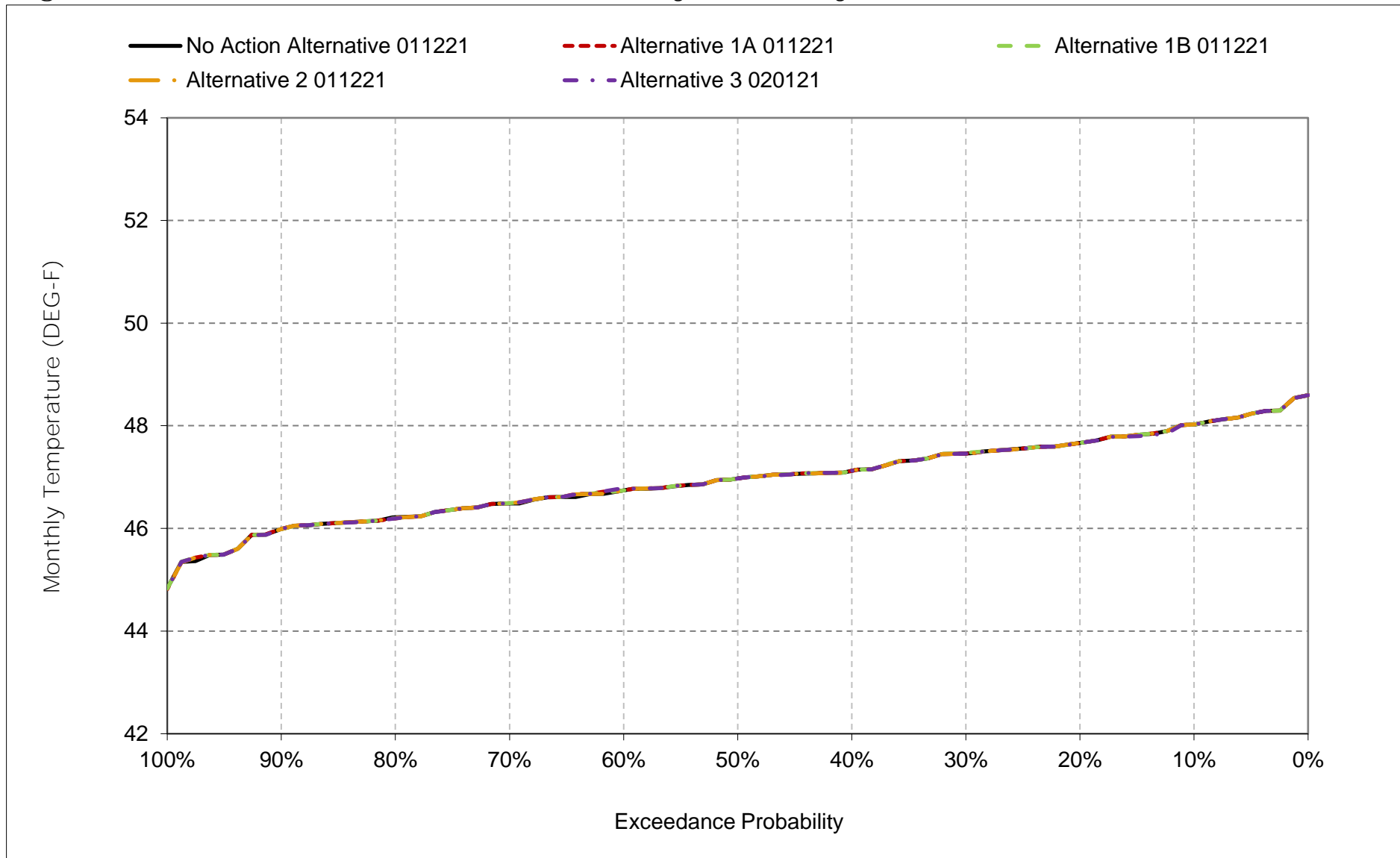
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-2-13. Clear Creek below Whiskeytown, April



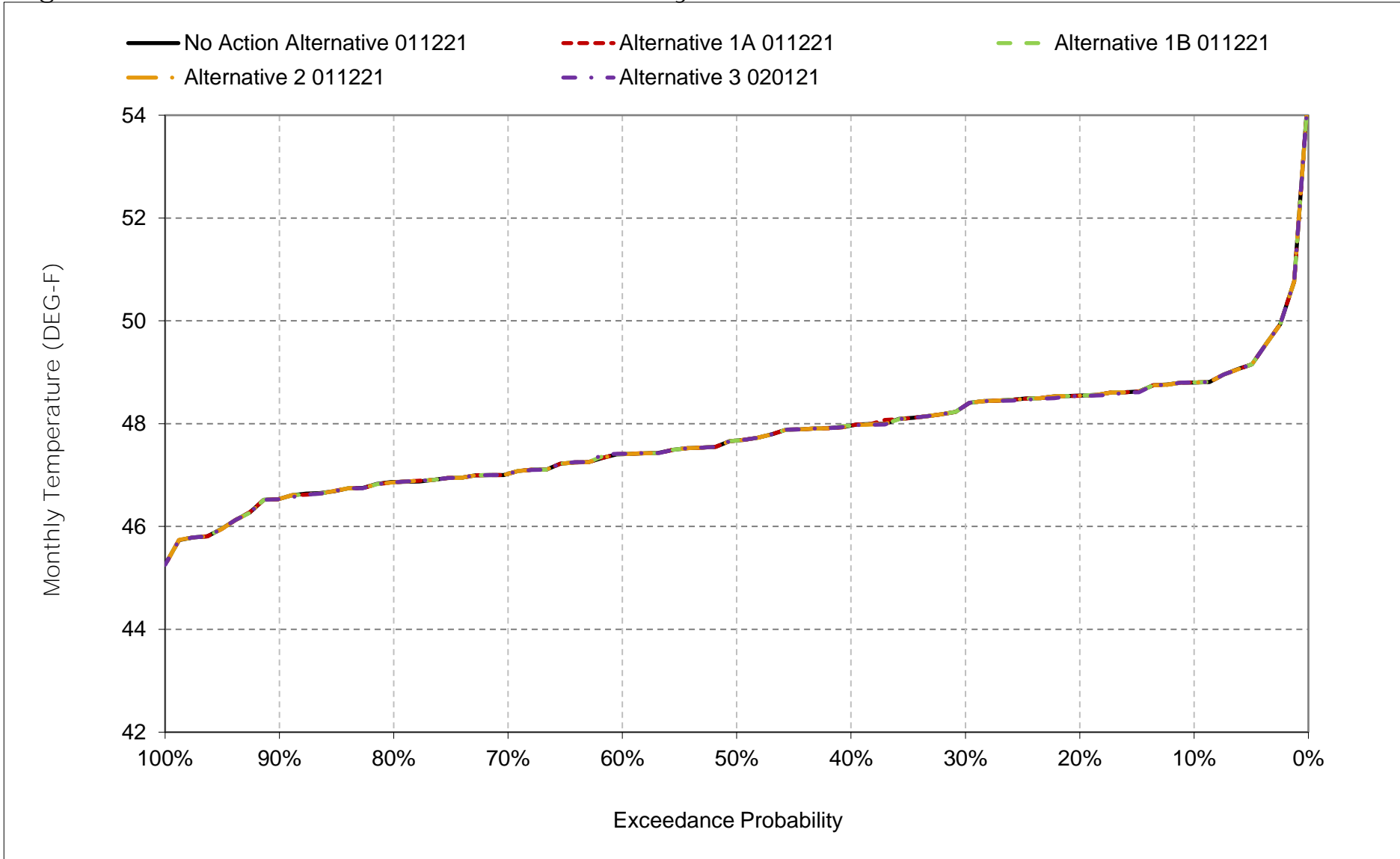
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-2-14. Clear Creek below Whiskeytown, May



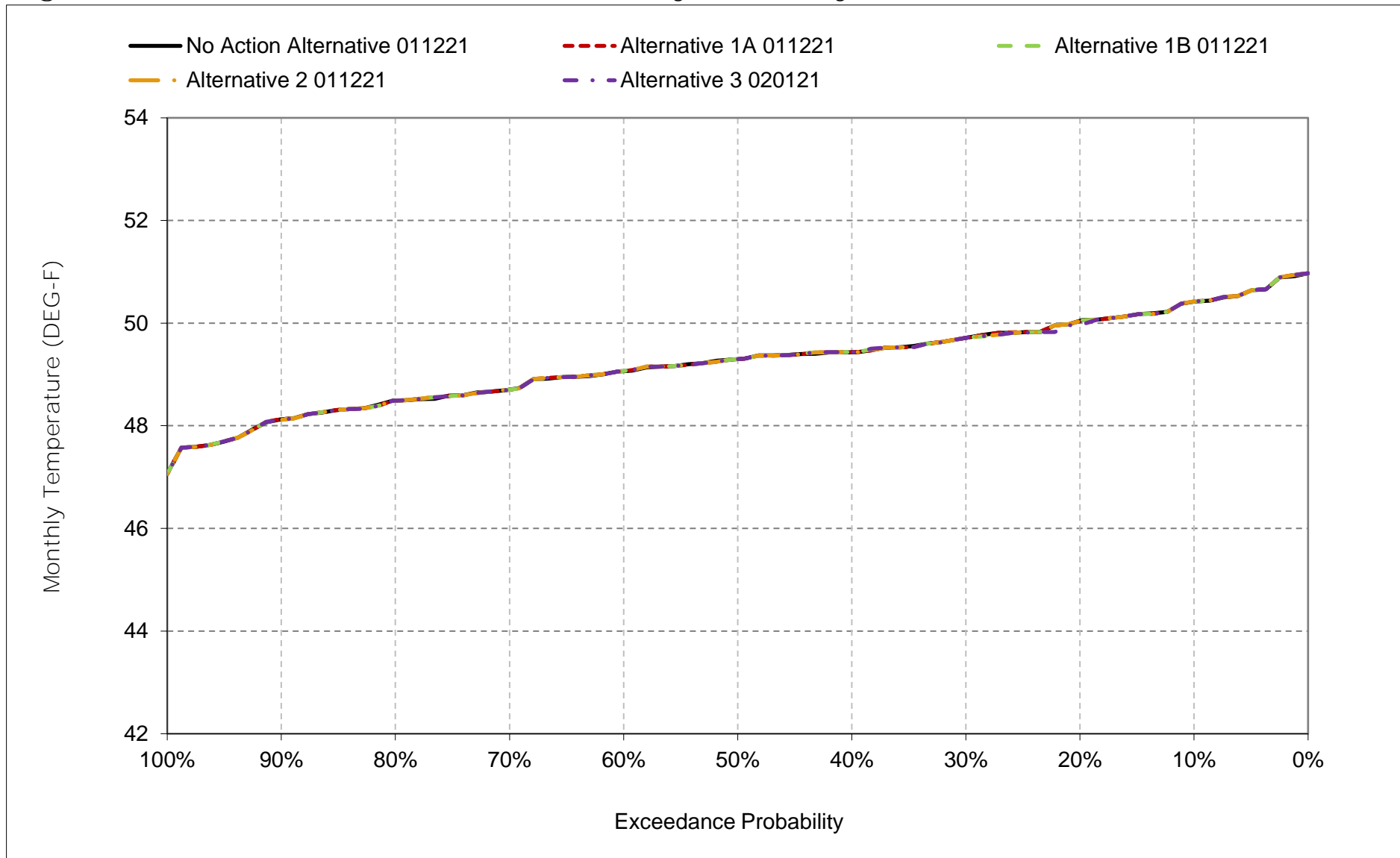
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-2-15. Clear Creek below Whiskeytown, June



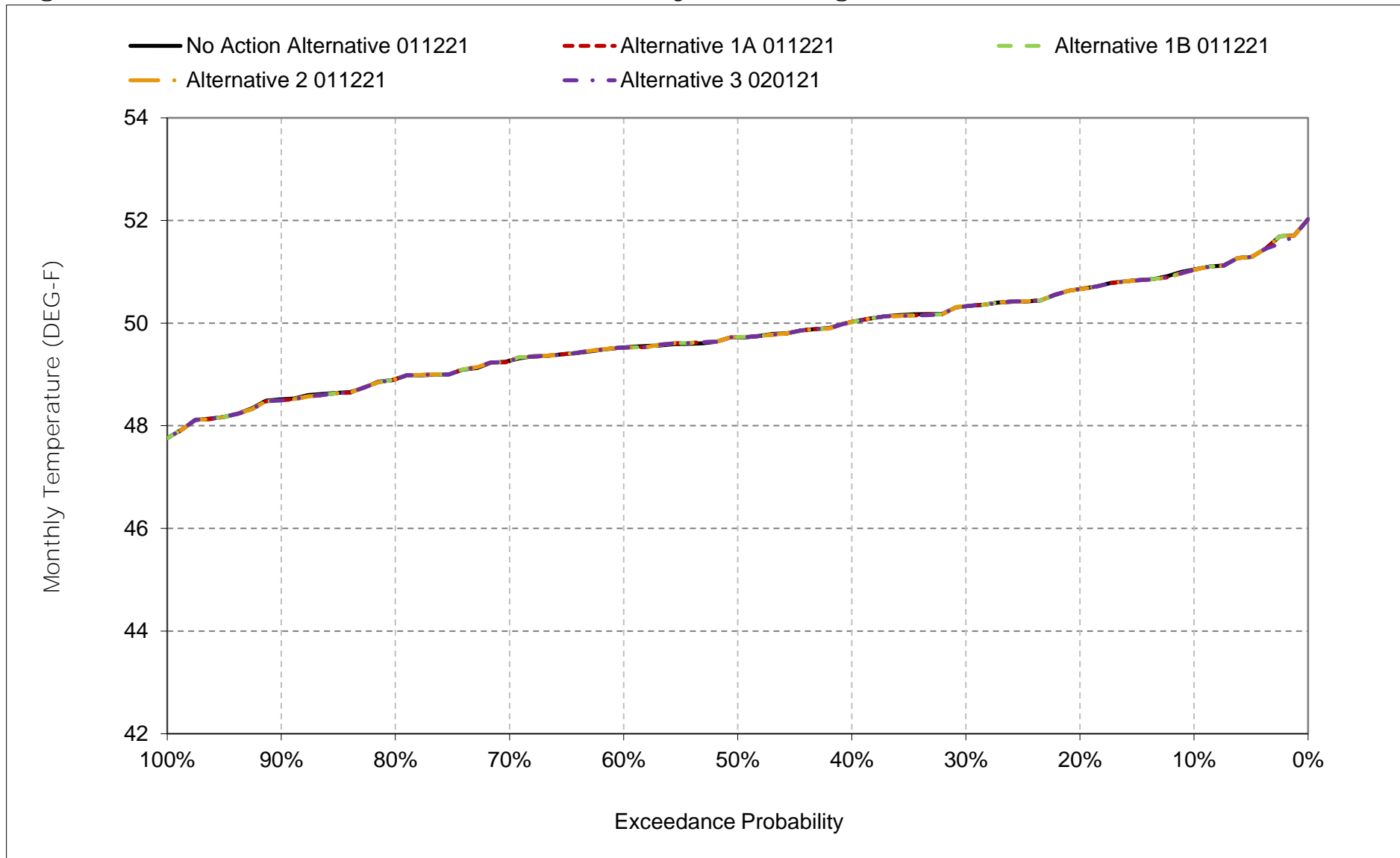
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-2-16. Clear Creek below Whiskeytown, July



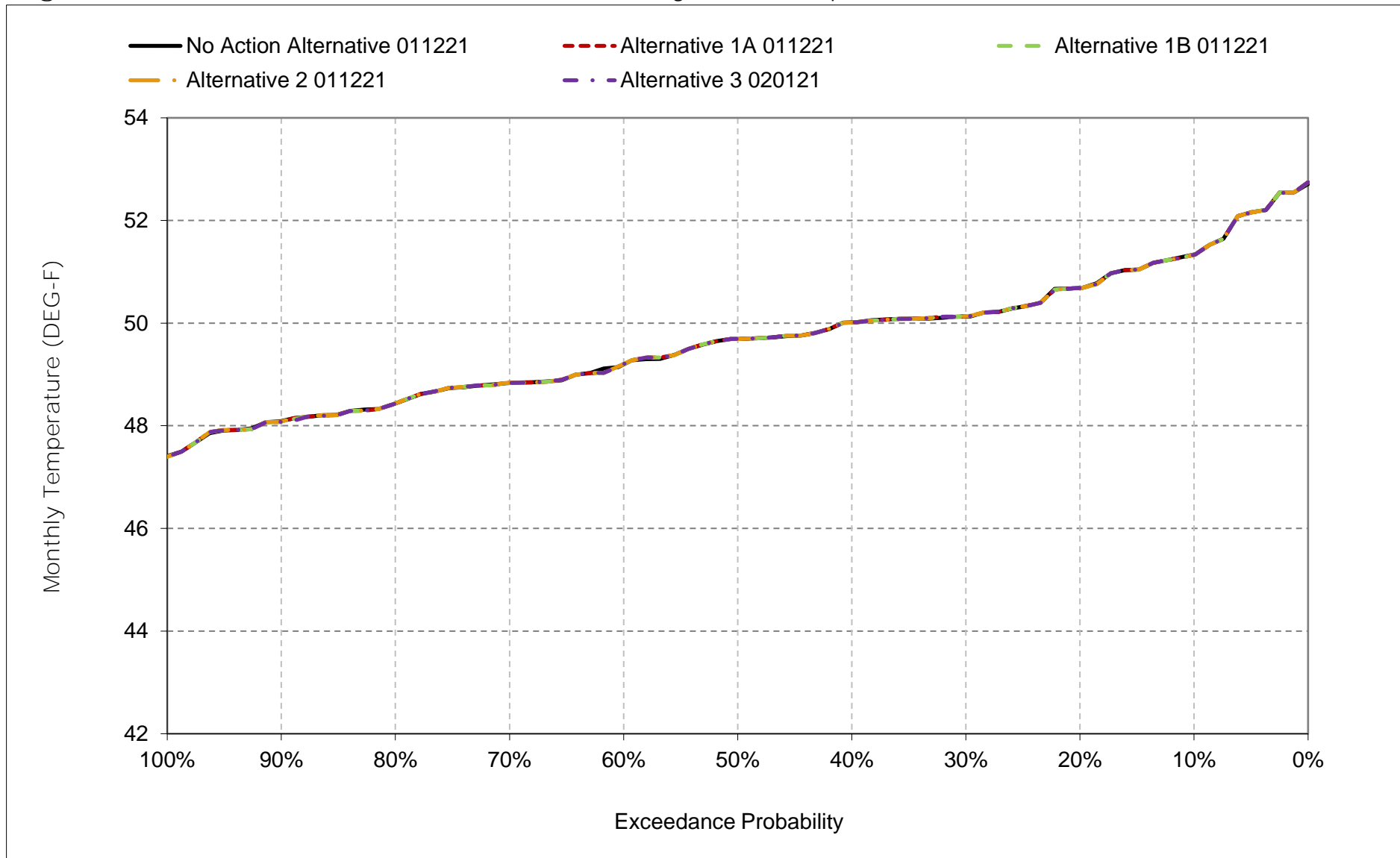
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-2-17. Clear Creek below Whiskeytown, August



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-2-18. Clear Creek below Whiskeytown, September



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-3-1a. Clear Creek at Igo, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	51.9	50.3	47.1	45.2	45.3	46.5	48.1	49.6	50.2	52.7	52.9	52.8
20%	51.2	49.6	46.4	44.4	44.5	45.9	47.7	49.1	49.8	52.2	52.6	52.1
30%	50.6	49.3	46.0	44.2	44.2	45.6	47.2	48.8	49.5	51.9	52.2	51.6
40%	50.2	48.9	45.8	43.9	44.0	45.4	47.0	48.5	49.1	51.8	51.9	51.4
50%	50.0	48.6	45.4	43.7	43.8	45.3	46.8	48.3	48.7	51.5	51.7	51.0
60%	49.4	48.1	45.2	43.5	43.6	45.1	46.6	48.1	48.5	51.4	51.5	50.6
70%	48.9	48.0	45.1	43.3	43.4	44.9	46.4	47.9	48.2	51.0	51.3	50.3
80%	48.6	47.7	44.8	43.0	43.2	44.7	46.3	47.6	48.0	50.7	50.9	49.9
90%	48.3	47.1	44.6	42.7	43.0	44.4	45.8	47.2	47.7	50.5	50.5	49.5
Long Term												
Full Simulation Period <sup>a</sup>	50.0	48.6	45.6	43.8	43.9	45.3	46.9	48.3	48.9	51.5	51.7	51.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	48.8	47.8	45.3	43.6	43.6	44.9	46.5	47.9	48.6	51.2	51.2	50.3
Above Normal (15%)	49.3	48.2	45.3	43.8	43.7	45.2	46.8	48.5	49.5	51.7	51.2	50.2
Below Normal (17%)	50.1	48.8	45.7	43.6	43.5	45.1	46.6	47.9	48.3	51.3	51.6	51.0
Dry (22%)	50.5	49.0	45.9	43.6	44.1	45.5	47.1	48.4	48.7	51.7	51.9	51.4
Critical (15%)	52.4	50.1	46.1	44.6	45.0	46.4	48.0	49.5	50.0	52.2	53.0	53.0

Table 6C-3-1b. Clear Creek at Igo, Alternative 1A 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	51.9	50.4	47.1	45.2	45.3	46.5	48.1	49.6	50.2	52.7	52.9	52.8
20%	51.2	49.6	46.4	44.4	44.5	45.9	47.7	49.1	49.8	52.2	52.6	52.1
30%	50.6	49.3	46.0	44.2	44.2	45.6	47.2	48.8	49.5	51.9	52.2	51.6
40%	50.2	48.9	45.8	43.9	44.0	45.4	47.0	48.5	49.1	51.8	51.9	51.4
50%	50.0	48.6	45.4	43.7	43.8	45.3	46.8	48.3	48.7	51.5	51.7	51.0
60%	49.4	48.1	45.2	43.5	43.6	45.1	46.6	48.1	48.5	51.4	51.5	50.6
70%	48.9	48.0	45.1	43.2	43.4	44.9	46.4	47.9	48.2	51.0	51.3	50.3
80%	48.6	47.7	44.8	43.0	43.2	44.7	46.3	47.6	48.0	50.7	50.9	49.9
90%	48.3	47.1	44.6	42.7	43.0	44.4	45.8	47.2	47.7	50.5	50.5	49.5
Long Term												
Full Simulation Period <sup>a</sup>	50.0	48.6	45.6	43.8	43.9	45.3	46.9	48.3	48.9	51.5	51.7	51.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	48.8	47.8	45.3	43.6	43.6	44.9	46.5	47.9	48.6	51.2	51.2	50.3
Above Normal (15%)	49.3	48.2	45.4	43.8	43.7	45.2	46.8	48.5	49.5	51.7	51.2	50.3
Below Normal (17%)	50.1	48.8	45.7	43.6	43.5	45.1	46.6	48.0	48.3	51.3	51.6	51.0
Dry (22%)	50.5	49.0	45.9	43.6	44.1	45.5	47.1	48.4	48.7	51.7	51.9	51.4
Critical (15%)	52.4	50.1	46.2	44.6	45.0	46.4	48.0	49.5	50.0	52.2	53.0	53.0

Table 6C-3-1c. Clear Creek at Igo, Alternative 1A 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Critical (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.



Table 6C-3-2a. Clear Creek at Igo, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	51.9	50.3	47.1	45.2	45.3	46.5	48.1	49.6	50.2	52.7	52.9	52.8
20%	51.2	49.6	46.4	44.4	44.5	45.9	47.7	49.1	49.8	52.2	52.6	52.1
30%	50.6	49.3	46.0	44.2	44.2	45.6	47.2	48.8	49.5	51.9	52.2	51.6
40%	50.2	48.9	45.8	43.9	44.0	45.4	47.0	48.5	49.1	51.8	51.9	51.4
50%	50.0	48.6	45.4	43.7	43.8	45.3	46.8	48.3	48.7	51.5	51.7	51.0
60%	49.4	48.1	45.2	43.5	43.6	45.1	46.6	48.1	48.5	51.4	51.5	50.6
70%	48.9	48.0	45.1	43.3	43.4	44.9	46.4	47.9	48.2	51.0	51.3	50.3
80%	48.6	47.7	44.8	43.0	43.2	44.7	46.3	47.6	48.0	50.7	50.9	49.9
90%	48.3	47.1	44.6	42.7	43.0	44.4	45.8	47.2	47.7	50.5	50.5	49.5
Long Term												
Full Simulation Period <sup>a</sup>	50.0	48.6	45.6	43.8	43.9	45.3	46.9	48.3	48.9	51.5	51.7	51.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	48.8	47.8	45.3	43.6	43.6	44.9	46.5	47.9	48.6	51.2	51.2	50.3
Above Normal (15%)	49.3	48.2	45.3	43.8	43.7	45.2	46.8	48.5	49.5	51.7	51.2	50.2
Below Normal (17%)	50.1	48.8	45.7	43.6	43.5	45.1	46.6	47.9	48.3	51.3	51.6	51.0
Dry (22%)	50.5	49.0	45.9	43.6	44.1	45.5	47.1	48.4	48.7	51.7	51.9	51.4
Critical (15%)	52.4	50.1	46.1	44.6	45.0	46.4	48.0	49.5	50.0	52.2	53.0	53.0

Table 6C-3-2b. Clear Creek at Igo, Alternative 1B 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	51.9	50.4	47.1	45.2	45.3	46.5	48.1	49.6	50.2	52.7	52.9	52.8
20%	51.2	49.6	46.4	44.4	44.5	45.9	47.7	49.1	49.8	52.2	52.6	52.1
30%	50.6	49.3	46.0	44.2	44.2	45.6	47.2	48.8	49.5	51.9	52.2	51.6
40%	50.2	48.9	45.8	43.9	44.0	45.4	47.0	48.5	49.1	51.8	51.8	51.4
50%	50.0	48.6	45.4	43.7	43.8	45.3	46.8	48.3	48.7	51.5	51.7	51.0
60%	49.4	48.1	45.2	43.5	43.6	45.1	46.6	48.1	48.5	51.4	51.5	50.6
70%	48.9	48.0	45.1	43.2	43.4	44.9	46.4	47.9	48.2	51.0	51.3	50.3
80%	48.6	47.7	44.8	43.0	43.2	44.7	46.3	47.6	48.0	50.7	50.9	49.9
90%	48.3	47.1	44.7	42.7	43.0	44.4	45.8	47.2	47.7	50.5	50.5	49.5
Long Term												
Full Simulation Period <sup>a</sup>	50.0	48.6	45.6	43.8	43.9	45.3	46.9	48.3	48.9	51.5	51.7	51.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	48.8	47.8	45.3	43.6	43.6	44.9	46.5	47.9	48.6	51.2	51.2	50.3
Above Normal (15%)	49.3	48.2	45.4	43.8	43.7	45.2	46.8	48.5	49.5	51.7	51.2	50.2
Below Normal (17%)	50.1	48.8	45.7	43.6	43.5	45.1	46.6	48.0	48.3	51.3	51.6	51.0
Dry (22%)	50.5	49.0	45.9	43.6	44.1	45.5	47.1	48.4	48.7	51.7	51.9	51.4
Critical (15%)	52.4	50.1	46.2	44.6	45.0	46.4	48.0	49.5	50.0	52.2	53.0	53.0

Table 6C-3-2c. Clear Creek at Igo, Alternative 1B 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Critical (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-3-3a. Clear Creek at Igo, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	51.9	50.3	47.1	45.2	45.3	46.5	48.1	49.6	50.2	52.7	52.9	52.8
20%	51.2	49.6	46.4	44.4	44.5	45.9	47.7	49.1	49.8	52.2	52.6	52.1
30%	50.6	49.3	46.0	44.2	44.2	45.6	47.2	48.8	49.5	51.9	52.2	51.6
40%	50.2	48.9	45.8	43.9	44.0	45.4	47.0	48.5	49.1	51.8	51.9	51.4
50%	50.0	48.6	45.4	43.7	43.8	45.3	46.8	48.3	48.7	51.5	51.7	51.0
60%	49.4	48.1	45.2	43.5	43.6	45.1	46.6	48.1	48.5	51.4	51.5	50.6
70%	48.9	48.0	45.1	43.3	43.4	44.9	46.4	47.9	48.2	51.0	51.3	50.3
80%	48.6	47.7	44.8	43.0	43.2	44.7	46.3	47.6	48.0	50.7	50.9	49.9
90%	48.3	47.1	44.6	42.7	43.0	44.4	45.8	47.2	47.7	50.5	50.5	49.5
Long Term												
Full Simulation Period <sup>a</sup>	50.0	48.6	45.6	43.8	43.9	45.3	46.9	48.3	48.9	51.5	51.7	51.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	48.8	47.8	45.3	43.6	43.6	44.9	46.5	47.9	48.6	51.2	51.2	50.3
Above Normal (15%)	49.3	48.2	45.3	43.8	43.7	45.2	46.8	48.5	49.5	51.7	51.2	50.2
Below Normal (17%)	50.1	48.8	45.7	43.6	43.5	45.1	46.6	47.9	48.3	51.3	51.6	51.0
Dry (22%)	50.5	49.0	45.9	43.6	44.1	45.5	47.1	48.4	48.7	51.7	51.9	51.4
Critical (15%)	52.4	50.1	46.1	44.6	45.0	46.4	48.0	49.5	50.0	52.2	53.0	53.0

Table 6C-3-3b. Clear Creek at Igo, Alternative 2 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	51.9	50.4	47.1	45.2	45.3	46.5	48.1	49.6	50.2	52.7	52.9	52.8
20%	51.2	49.6	46.4	44.5	44.5	45.9	47.7	49.1	49.8	52.2	52.6	52.1
30%	50.6	49.3	46.0	44.2	44.2	45.6	47.2	48.8	49.5	51.9	52.2	51.6
40%	50.2	48.9	45.8	43.9	44.0	45.4	47.0	48.5	49.1	51.8	51.9	51.4
50%	50.0	48.6	45.4	43.7	43.8	45.3	46.8	48.3	48.7	51.5	51.7	51.0
60%	49.4	48.1	45.2	43.5	43.6	45.1	46.6	48.1	48.5	51.4	51.5	50.6
70%	48.9	48.0	45.1	43.2	43.4	44.9	46.4	47.9	48.2	51.0	51.3	50.3
80%	48.6	47.7	44.8	43.0	43.2	44.7	46.3	47.6	48.0	50.7	50.9	49.9
90%	48.3	47.1	44.6	42.8	43.0	44.4	45.8	47.2	47.7	50.5	50.5	49.5
Long Term												
Full Simulation Period <sup>a</sup>	50.0	48.6	45.6	43.8	43.9	45.3	46.9	48.3	48.9	51.5	51.7	51.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	48.8	47.8	45.3	43.6	43.6	44.9	46.5	47.9	48.6	51.2	51.2	50.3
Above Normal (15%)	49.3	48.2	45.4	43.8	43.7	45.2	46.8	48.5	49.5	51.7	51.2	50.3
Below Normal (17%)	50.1	48.8	45.7	43.6	43.5	45.1	46.6	48.0	48.3	51.3	51.6	51.0
Dry (22%)	50.5	49.0	45.9	43.6	44.1	45.5	47.1	48.4	48.7	51.7	51.9	51.4
Critical (15%)	52.4	50.1	46.2	44.6	45.0	46.4	48.0	49.5	50.0	52.2	53.0	53.0

Table 6C-3-3c. Clear Creek at Igo, Alternative 2 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20%	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Critical (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-3-4a. Clear Creek at Igo, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	51.9	50.3	47.1	45.2	45.3	46.5	48.1	49.6	50.2	52.7	52.9	52.8
20%	51.2	49.6	46.4	44.4	44.5	45.9	47.7	49.1	49.8	52.2	52.6	52.1
30%	50.6	49.3	46.0	44.2	44.2	45.6	47.2	48.8	49.5	51.9	52.2	51.6
40%	50.2	48.9	45.8	43.9	44.0	45.4	47.0	48.5	49.1	51.8	51.9	51.4
50%	50.0	48.6	45.4	43.7	43.8	45.3	46.8	48.3	48.7	51.5	51.7	51.0
60%	49.4	48.1	45.2	43.5	43.6	45.1	46.6	48.1	48.5	51.4	51.5	50.6
70%	48.9	48.0	45.1	43.3	43.4	44.9	46.4	47.9	48.2	51.0	51.3	50.3
80%	48.6	47.7	44.8	43.0	43.2	44.7	46.3	47.6	48.0	50.7	50.9	49.9
90%	48.3	47.1	44.6	42.7	43.0	44.4	45.8	47.2	47.7	50.5	50.5	49.5
Long Term												
Full Simulation Period <sup>a</sup>	50.0	48.6	45.6	43.8	43.9	45.3	46.9	48.3	48.9	51.5	51.7	51.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	48.8	47.8	45.3	43.6	43.6	44.9	46.5	47.9	48.6	51.2	51.2	50.3
Above Normal (15%)	49.3	48.2	45.3	43.8	43.7	45.2	46.8	48.5	49.5	51.7	51.2	50.2
Below Normal (17%)	50.1	48.8	45.7	43.6	43.5	45.1	46.6	47.9	48.3	51.3	51.6	51.0
Dry (22%)	50.5	49.0	45.9	43.6	44.1	45.5	47.1	48.4	48.7	51.7	51.9	51.4
Critical (15%)	52.4	50.1	46.1	44.6	45.0	46.4	48.0	49.5	50.0	52.2	53.0	53.0

Table 6C-3-4b. Clear Creek at Igo, Alternative 3 020121, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	51.9	50.4	47.0	45.2	45.3	46.5	48.1	49.6	50.2	52.7	52.9	52.8
20%	51.2	49.6	46.4	44.4	44.5	45.9	47.7	49.1	49.8	52.2	52.6	52.1
30%	50.6	49.3	46.0	44.2	44.2	45.6	47.2	48.8	49.5	51.9	52.2	51.6
40%	50.2	48.9	45.8	43.9	44.0	45.4	47.0	48.5	49.1	51.8	51.9	51.4
50%	50.0	48.6	45.4	43.7	43.8	45.3	46.8	48.3	48.7	51.5	51.7	51.0
60%	49.4	48.1	45.2	43.5	43.6	45.1	46.6	48.1	48.5	51.4	51.5	50.6
70%	48.9	48.0	45.1	43.2	43.4	44.9	46.4	47.9	48.2	51.0	51.3	50.3
80%	48.6	47.7	44.8	43.0	43.2	44.7	46.3	47.6	48.0	50.7	50.9	49.9
90%	48.3	47.1	44.6	42.7	43.0	44.4	45.8	47.2	47.7	50.5	50.5	49.5
Long Term												
Full Simulation Period <sup>a</sup>	50.0	48.6	45.6	43.8	43.9	45.3	46.9	48.3	48.9	51.5	51.7	51.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	48.8	47.8	45.3	43.6	43.6	44.9	46.5	47.9	48.6	51.2	51.2	50.3
Above Normal (15%)	49.3	48.2	45.4	43.8	43.7	45.2	46.8	48.5	49.5	51.7	51.2	50.2
Below Normal (17%)	50.1	48.8	45.7	43.6	43.5	45.1	46.6	48.0	48.3	51.3	51.6	51.0
Dry (22%)	50.5	49.0	45.9	43.6	44.1	45.5	47.1	48.4	48.7	51.7	51.9	51.4
Critical (15%)	52.4	50.1	46.2	44.6	45.0	46.4	48.0	49.5	49.9	52.2	52.9	53.0

Table 6C-3-4c. Clear Creek at Igo, Alternative 3 020121 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Critical (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

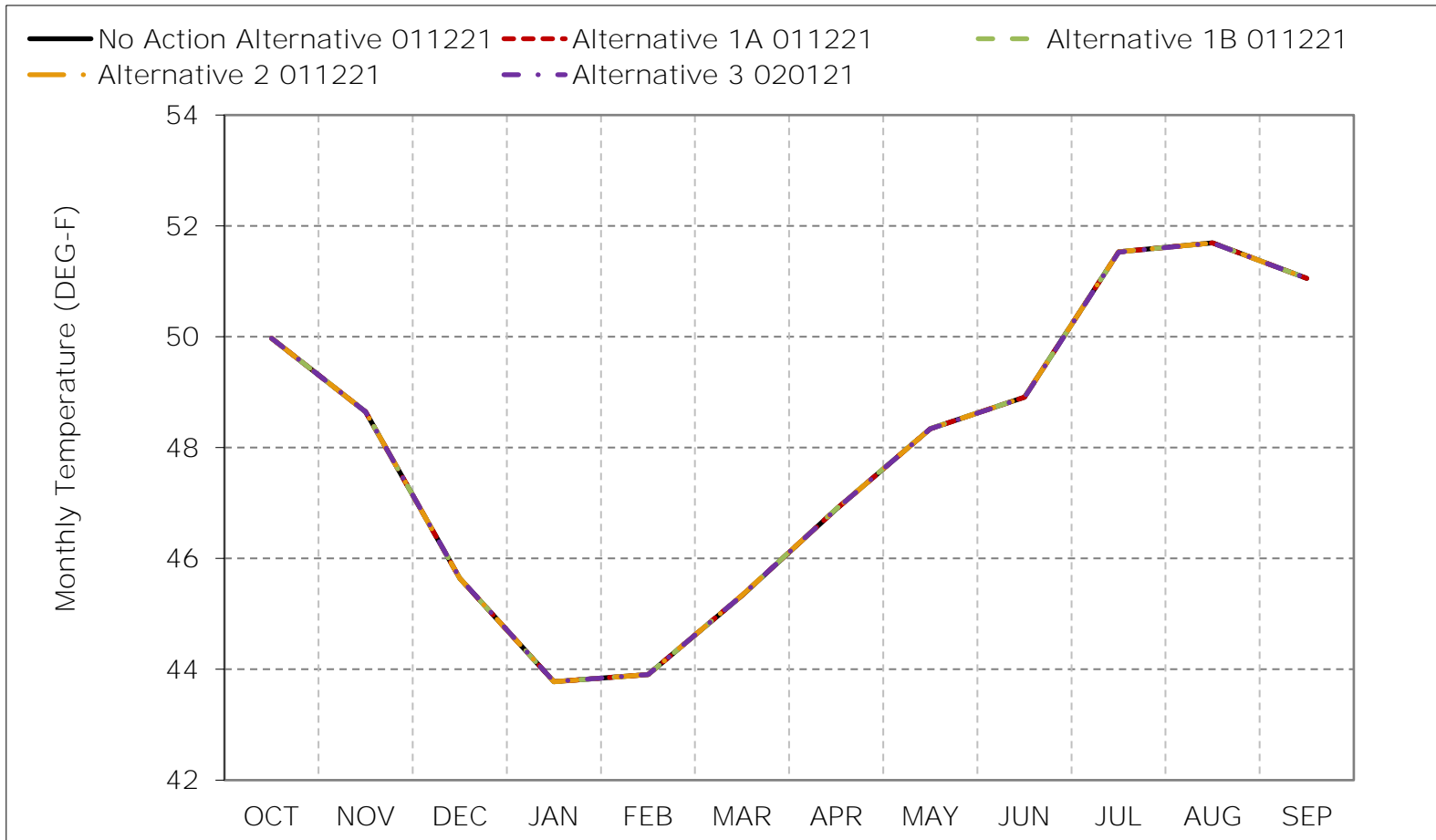
a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-3-1. Clear Creek at Igo, Long-Term Average Temperature

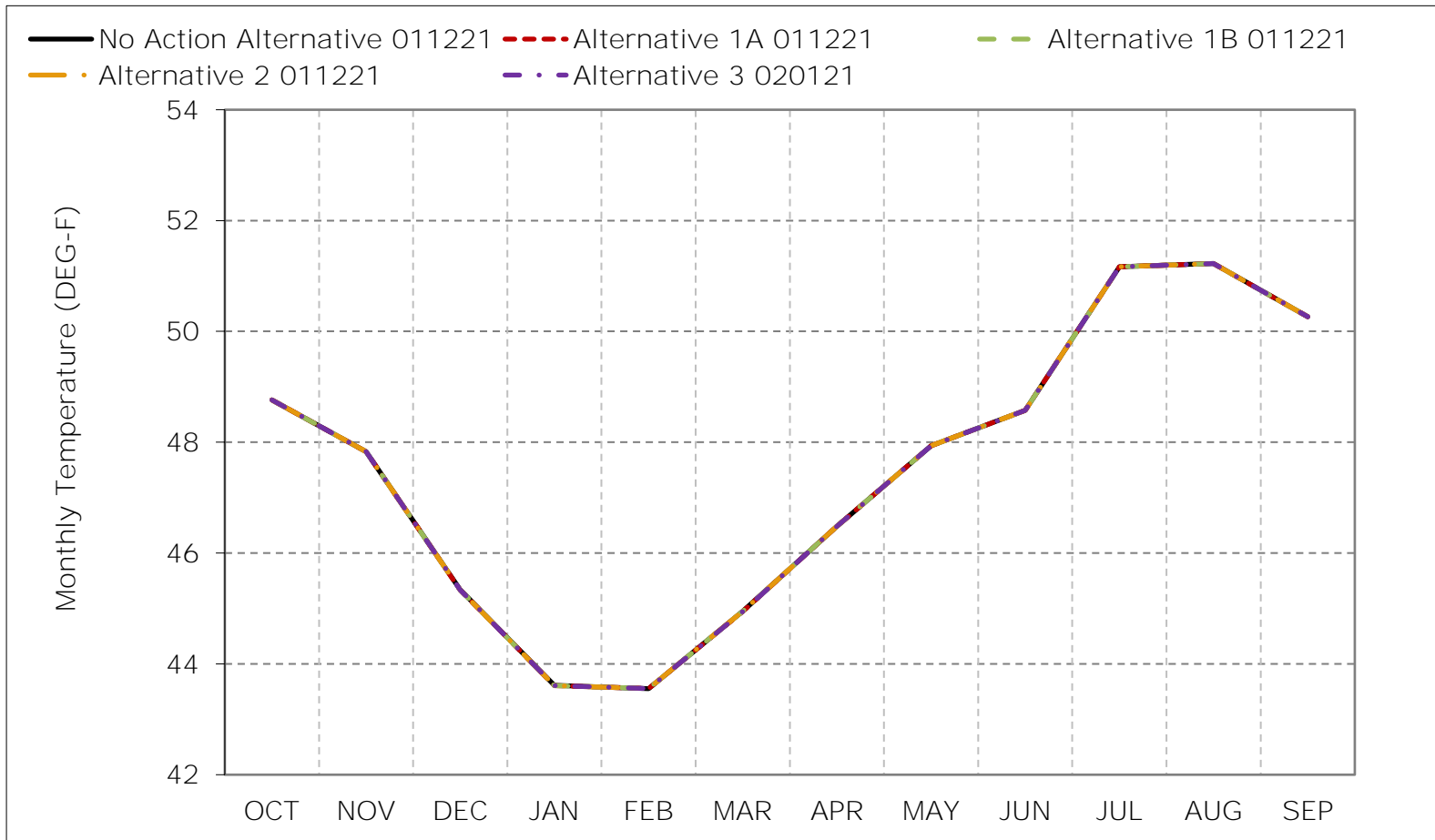


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-3-2. Clear Creek at Igo, Wet Year Average Temperature

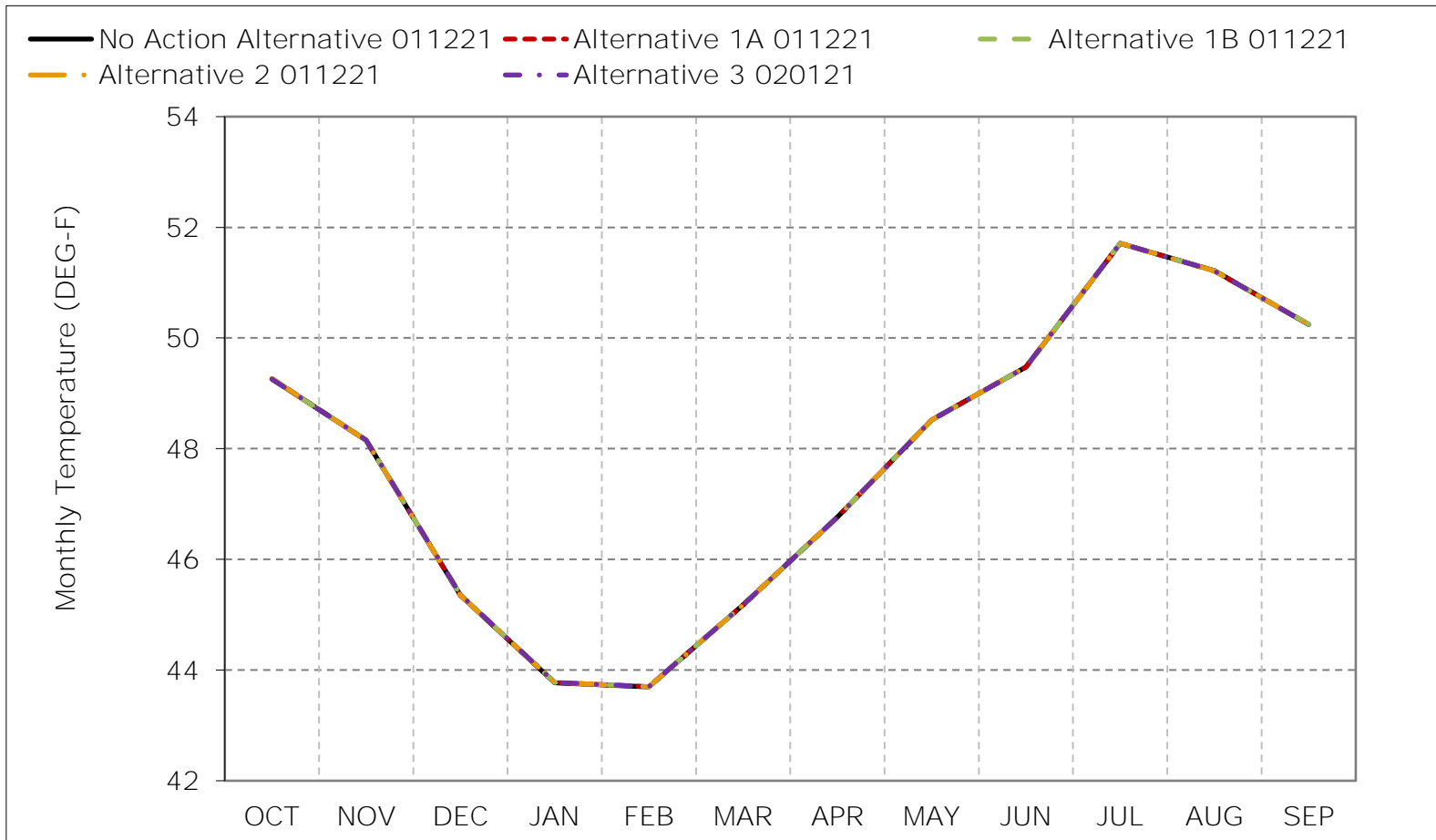


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-3-3. Clear Creek at Igo, Above Normal Year Average Temperature

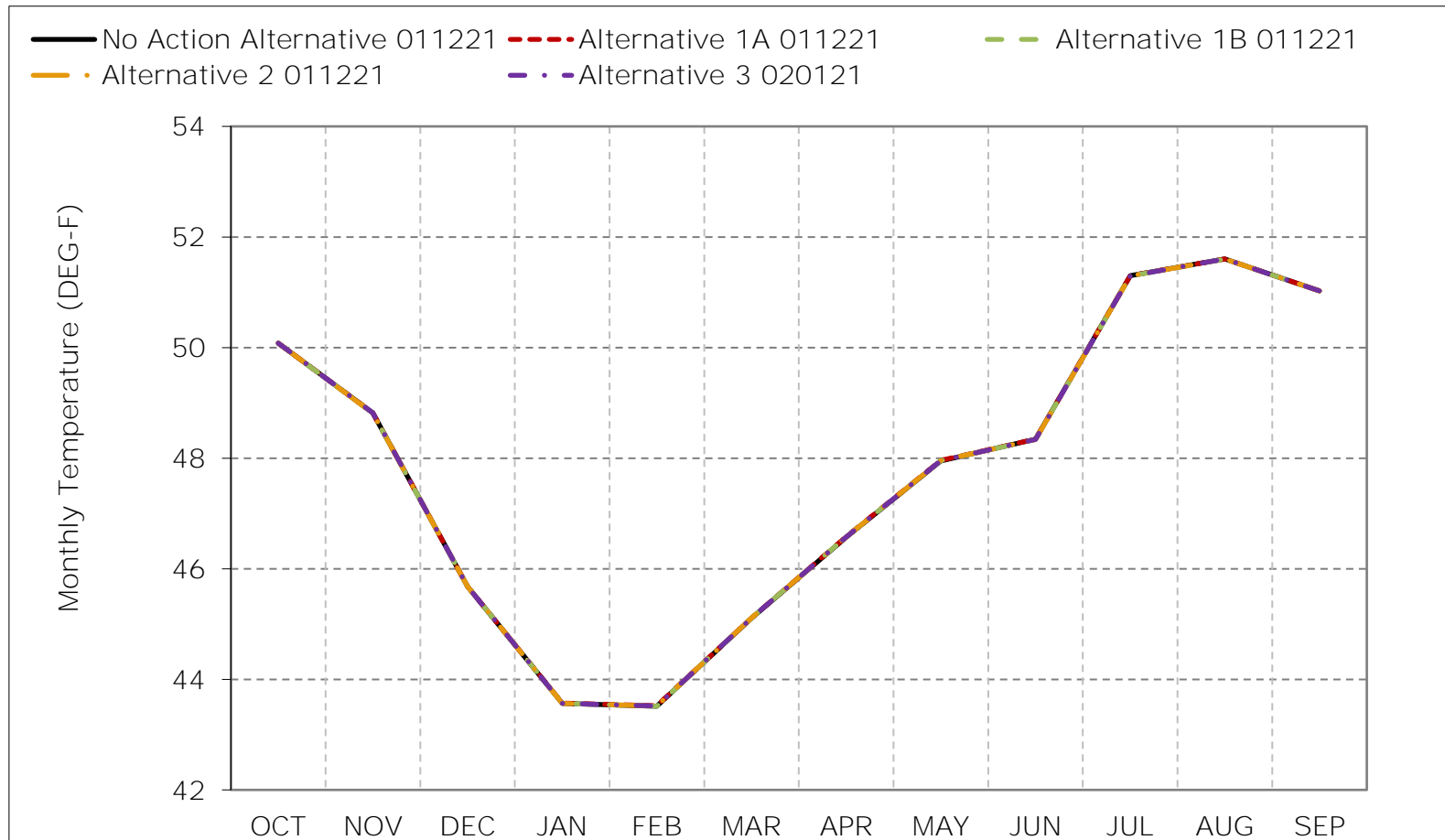


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-3-4. Clear Creek at Igo, Below Normal Year Average Temperature

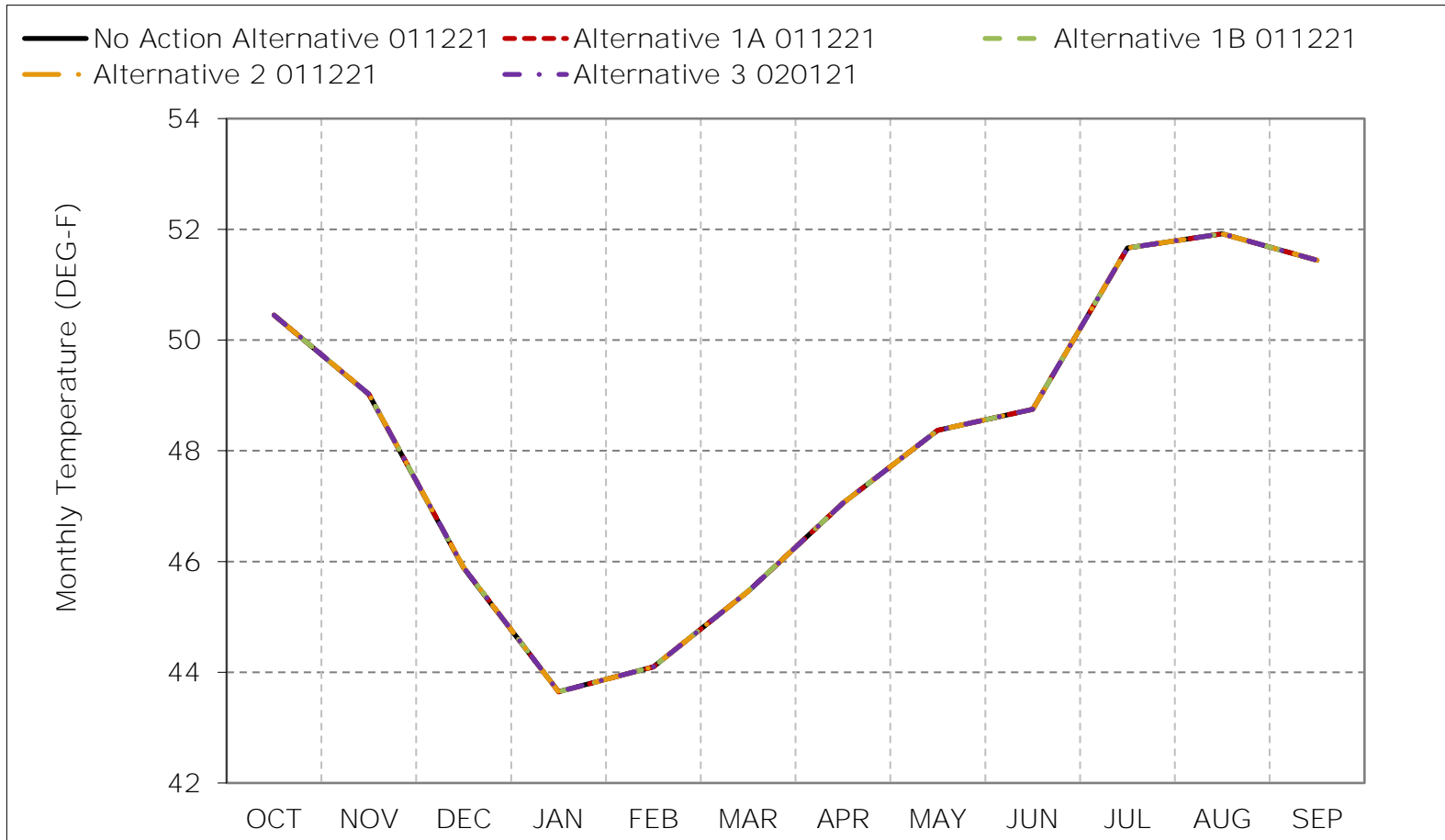


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-3-5. Clear Creek at Igo, Dry Year Average Temperature



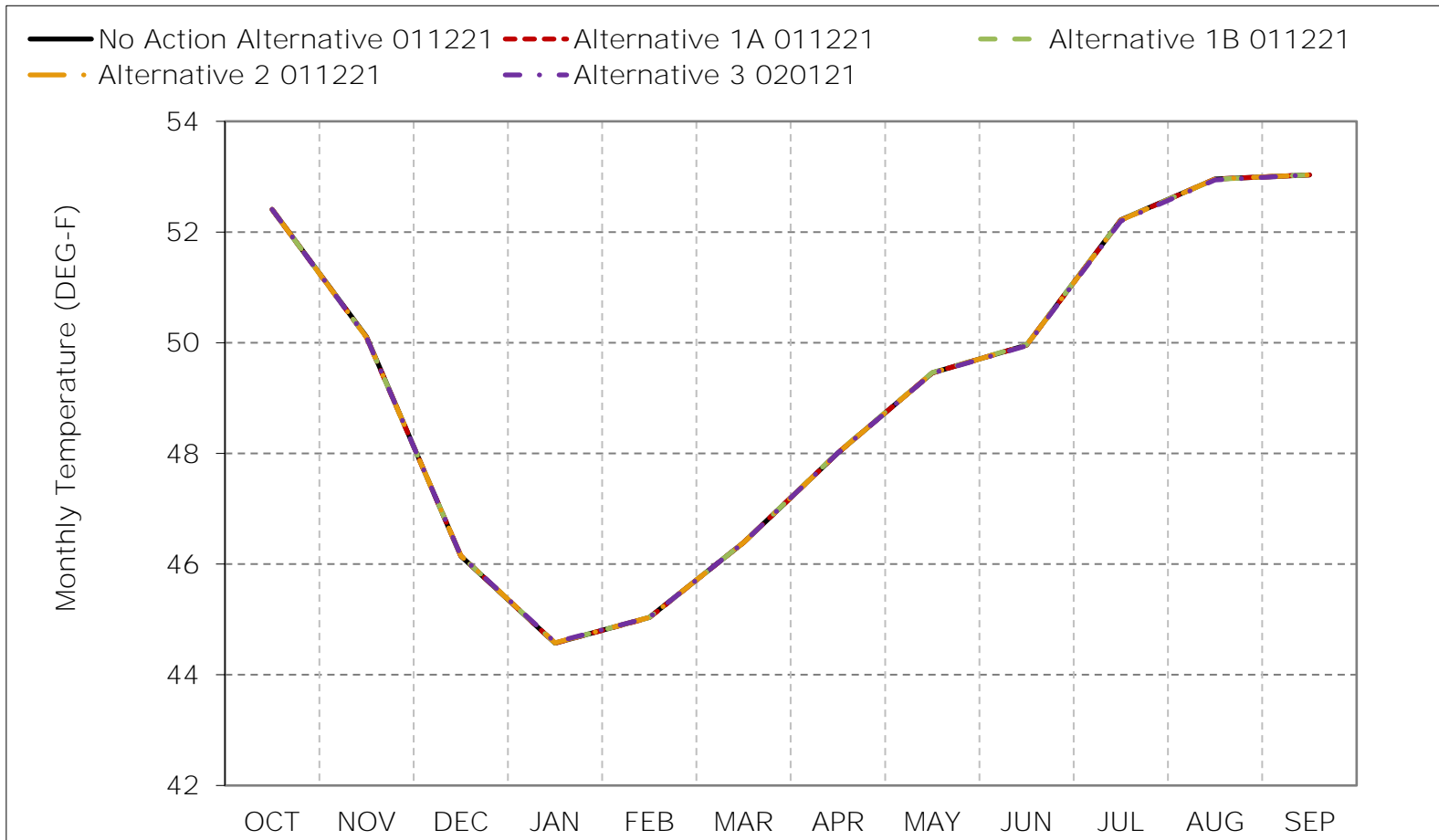
\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.



Figure 6C-3-6. Clear Creek at Igo, Critical Year Average Temperature

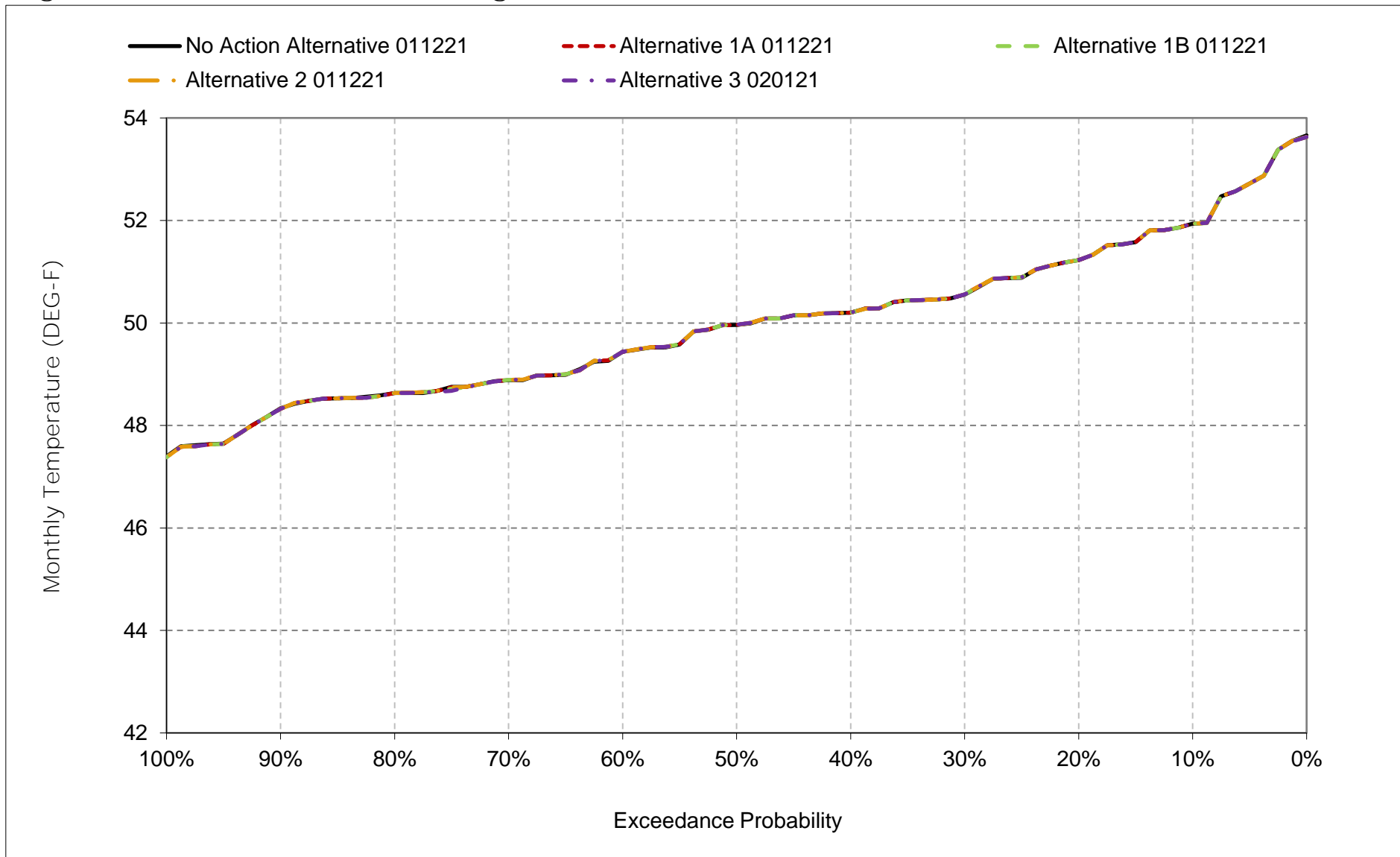


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

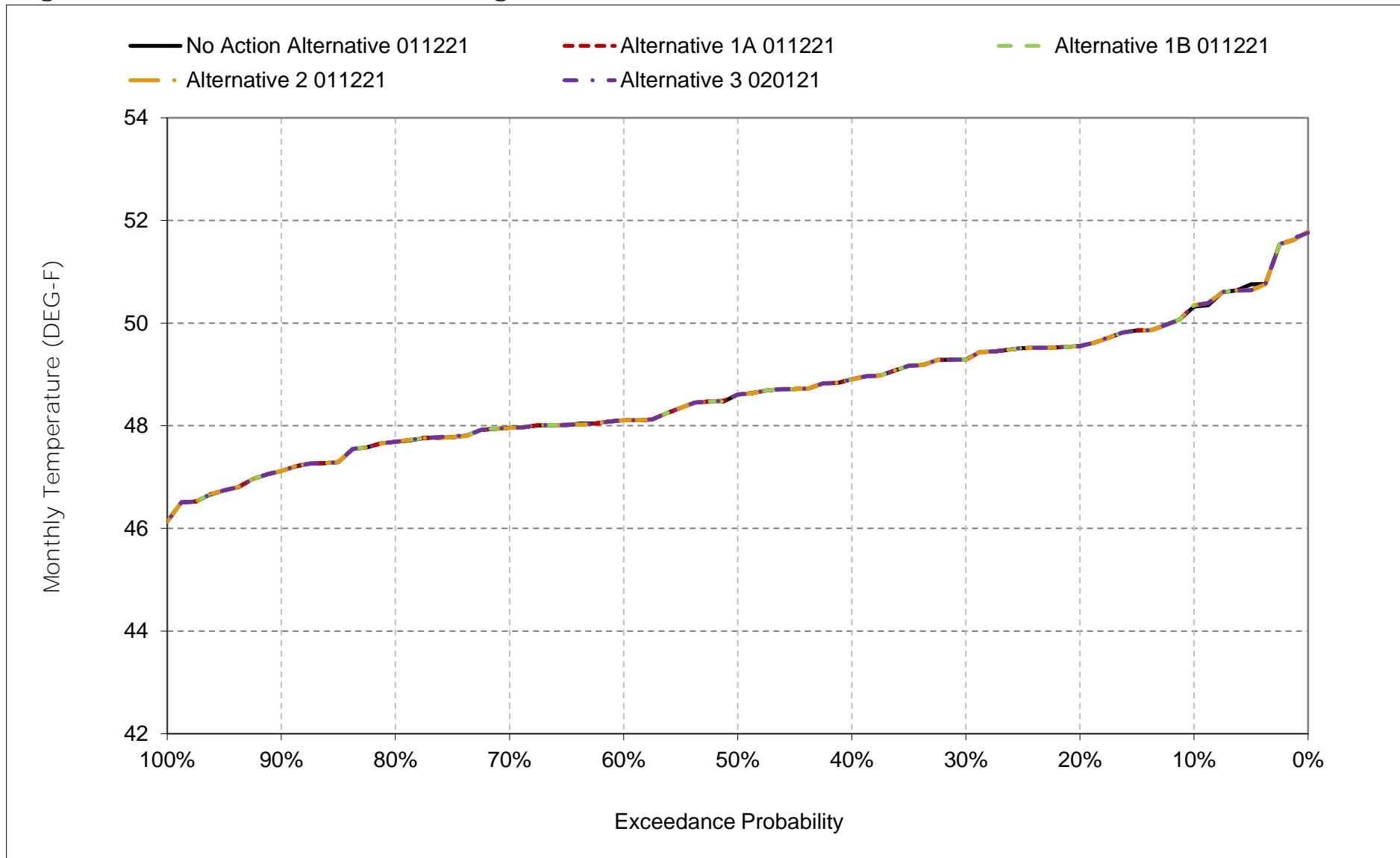
\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-3-7. Clear Creek at I go, October



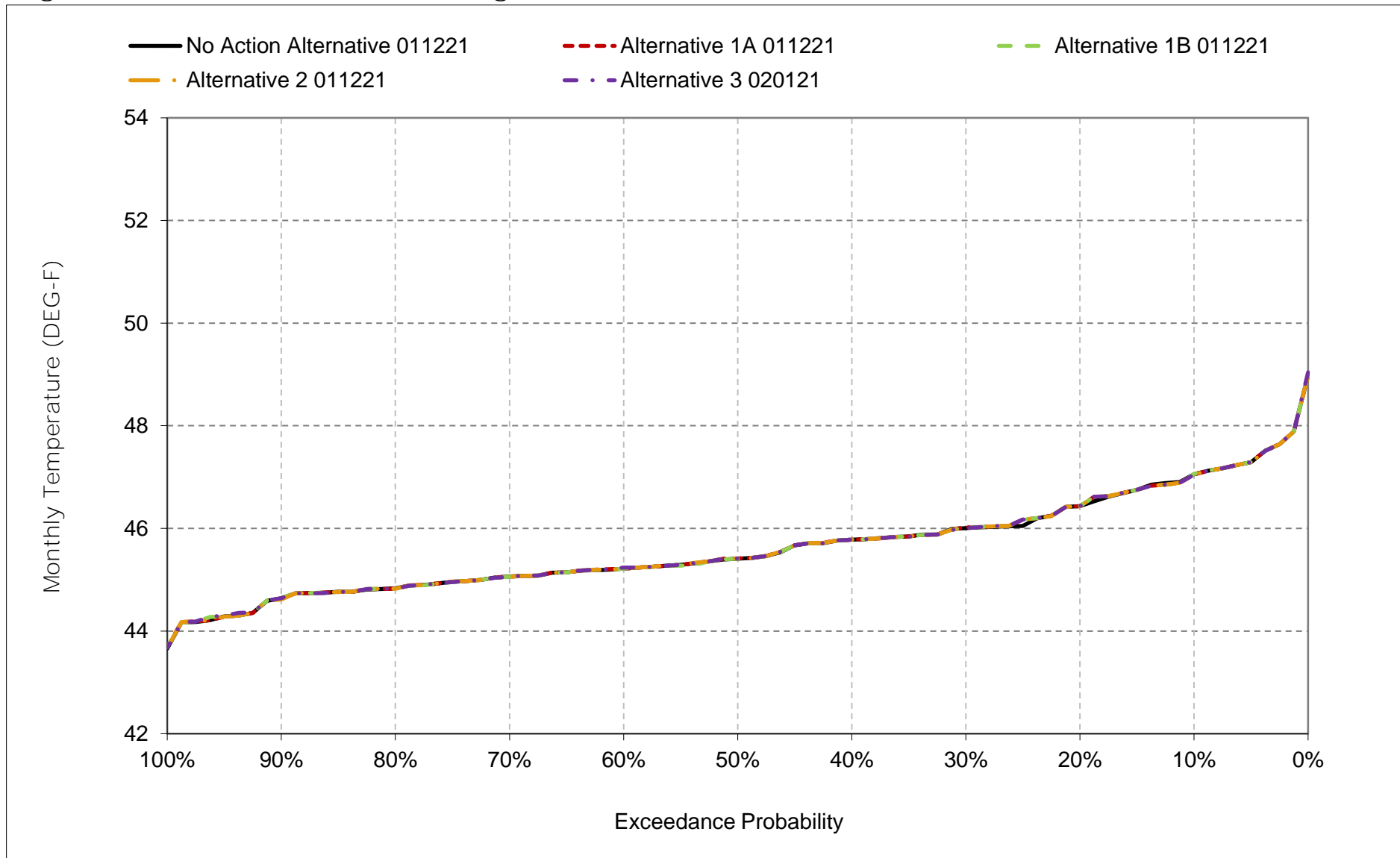
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-3-8. Clear Creek at I go, November



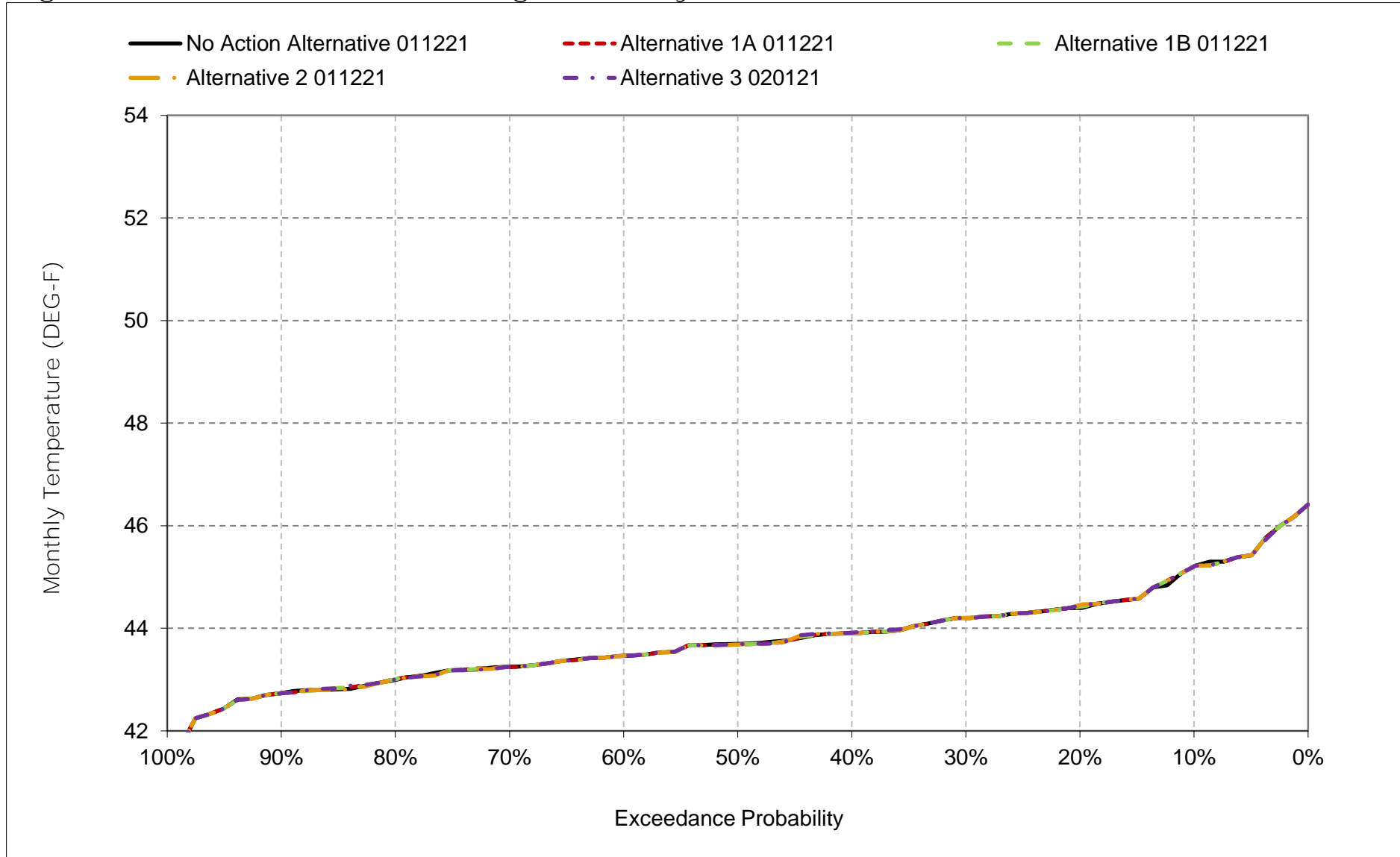
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-3-9. Clear Creek at I go, December



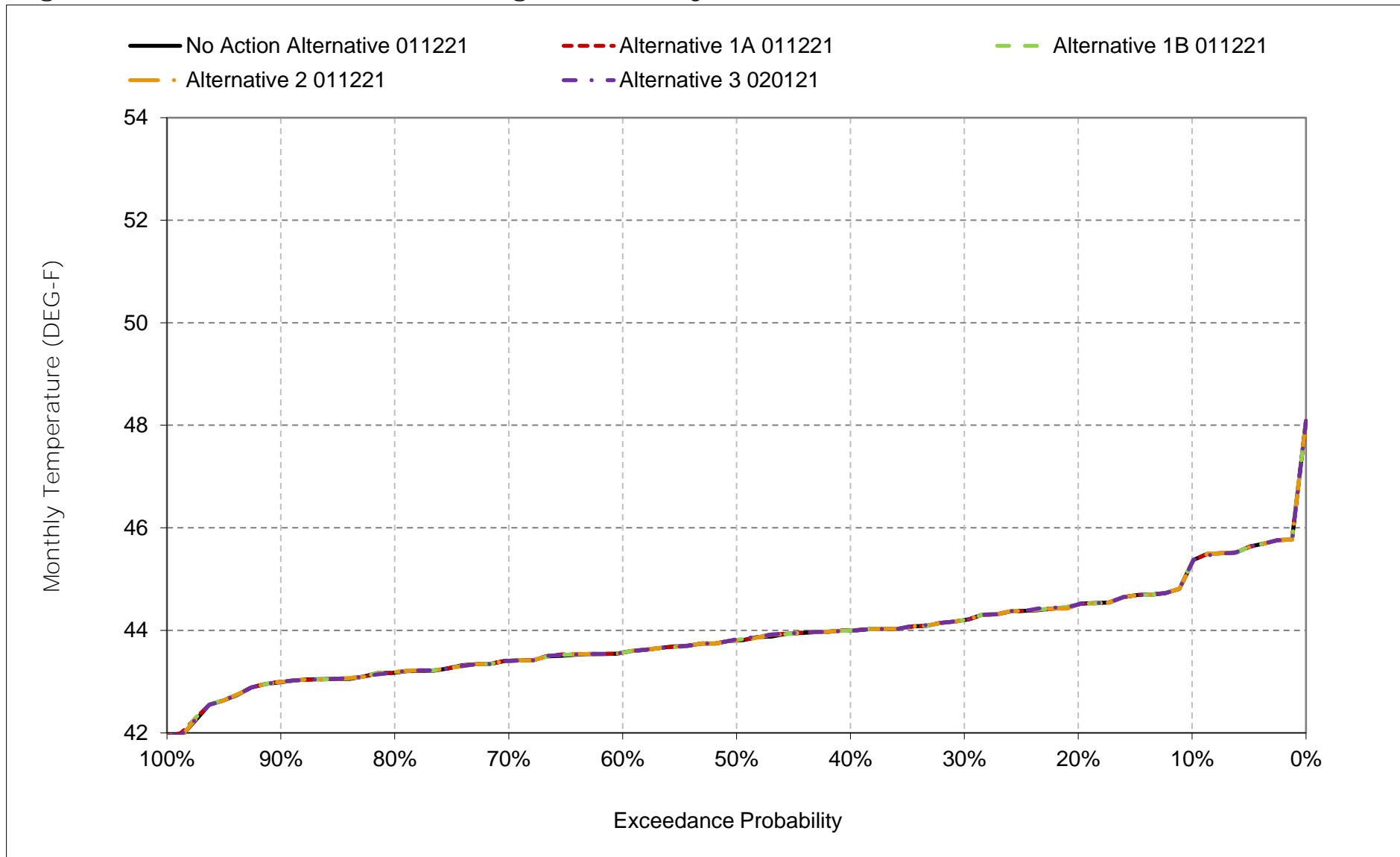
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-3-10. Clear Creek at I go, January



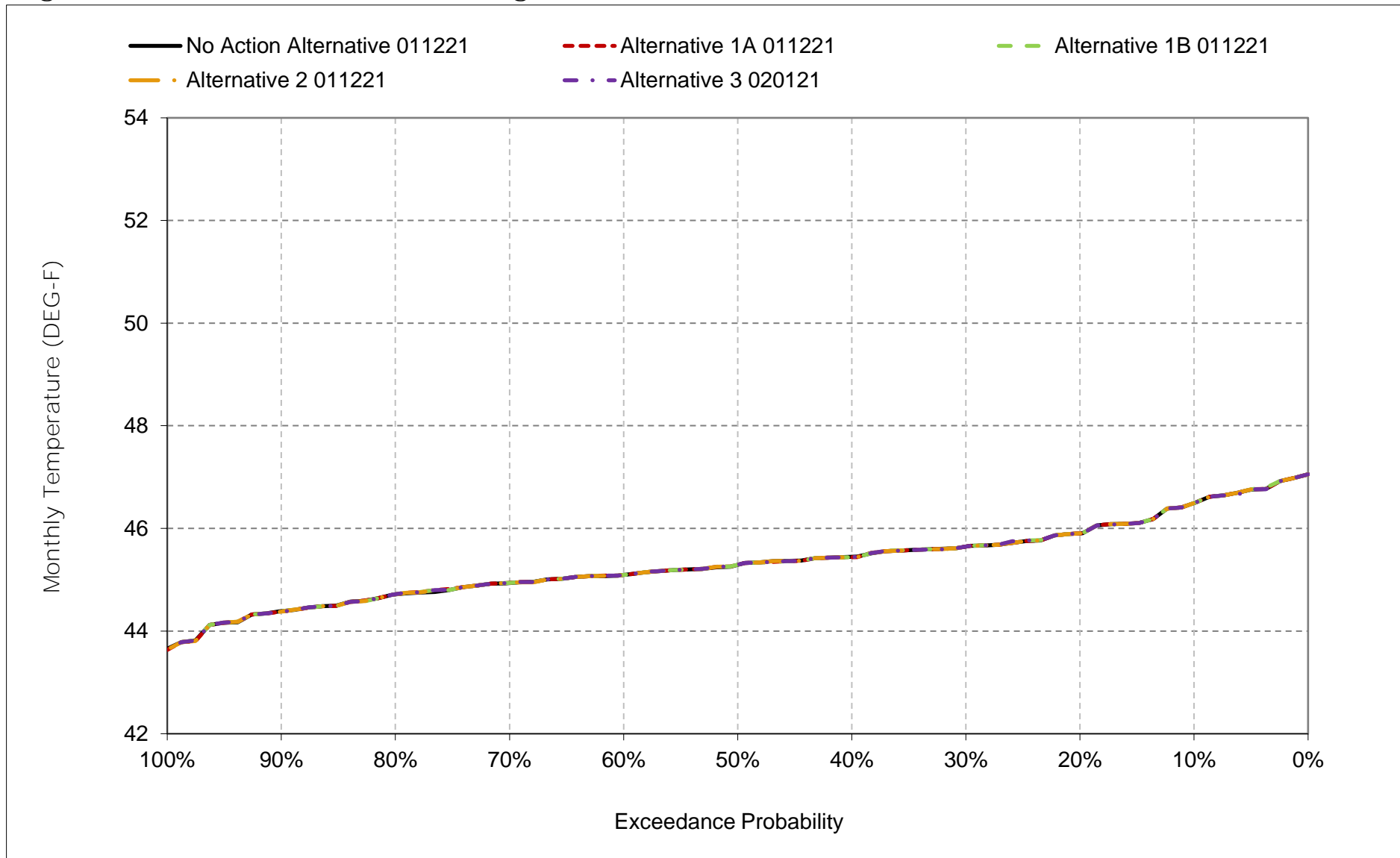
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-3-11. Clear Creek at Igo, February



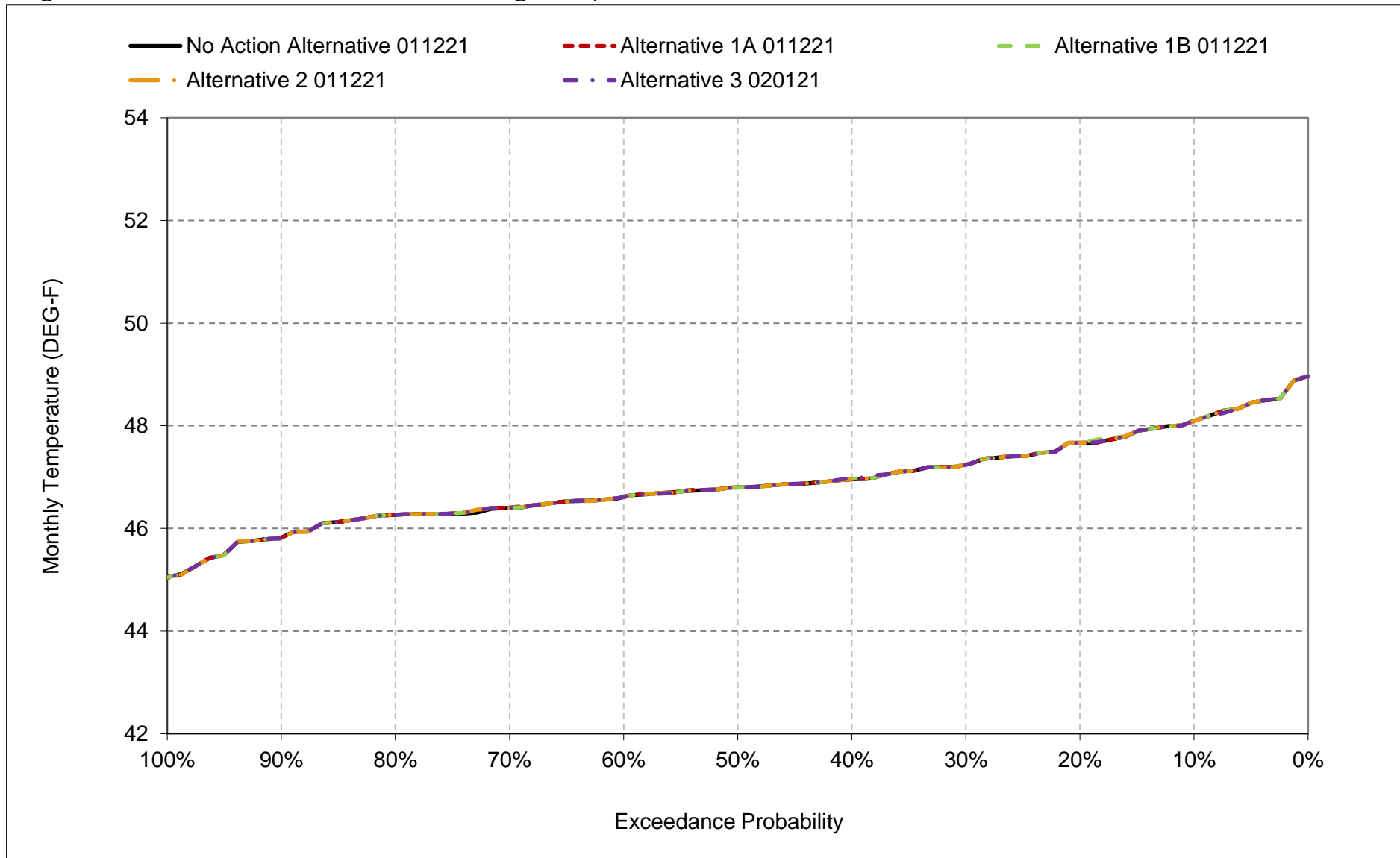
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-3-12. Clear Creek at I go, March



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

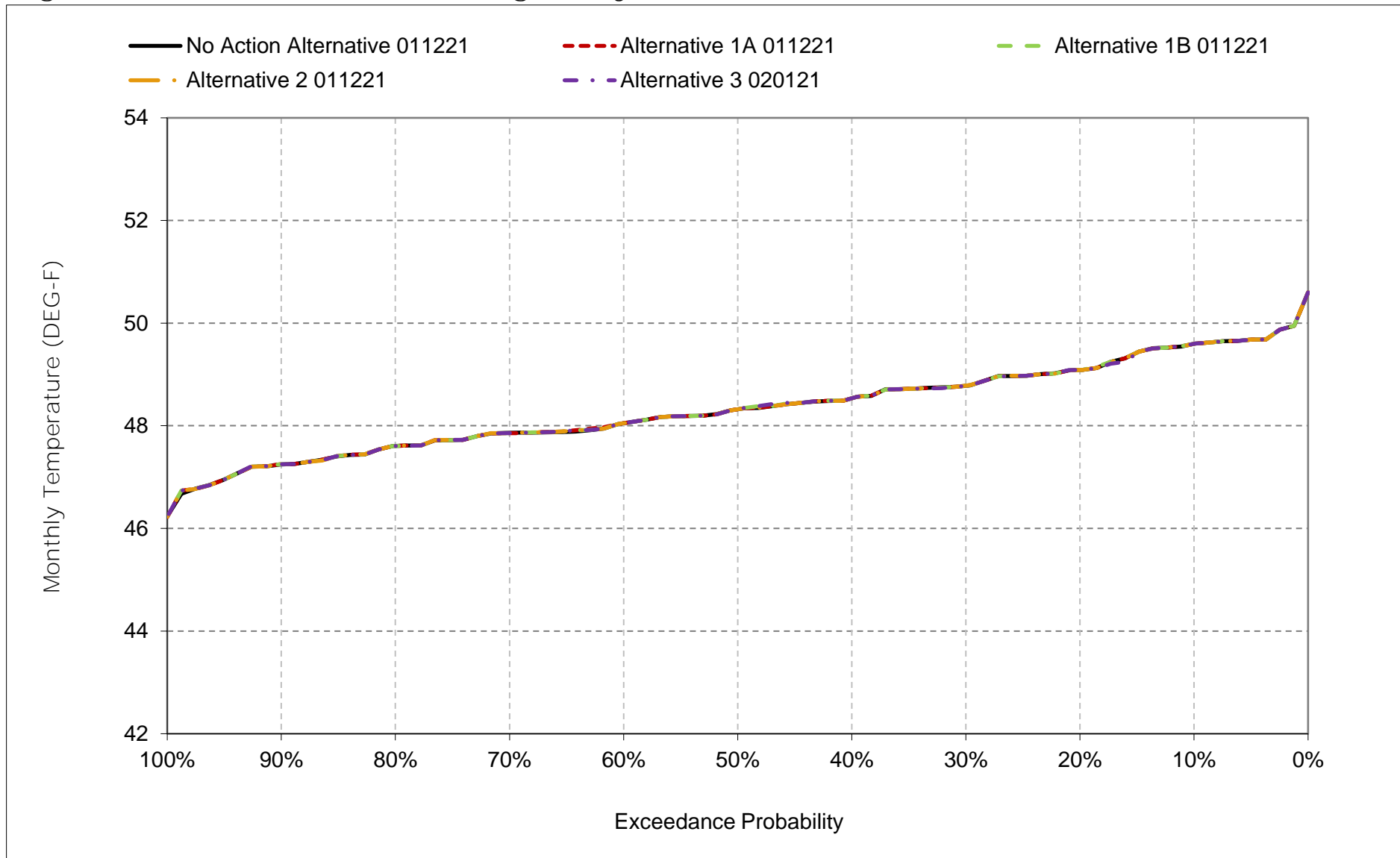
Figure 6C-3-13. Clear Creek at I go, April



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

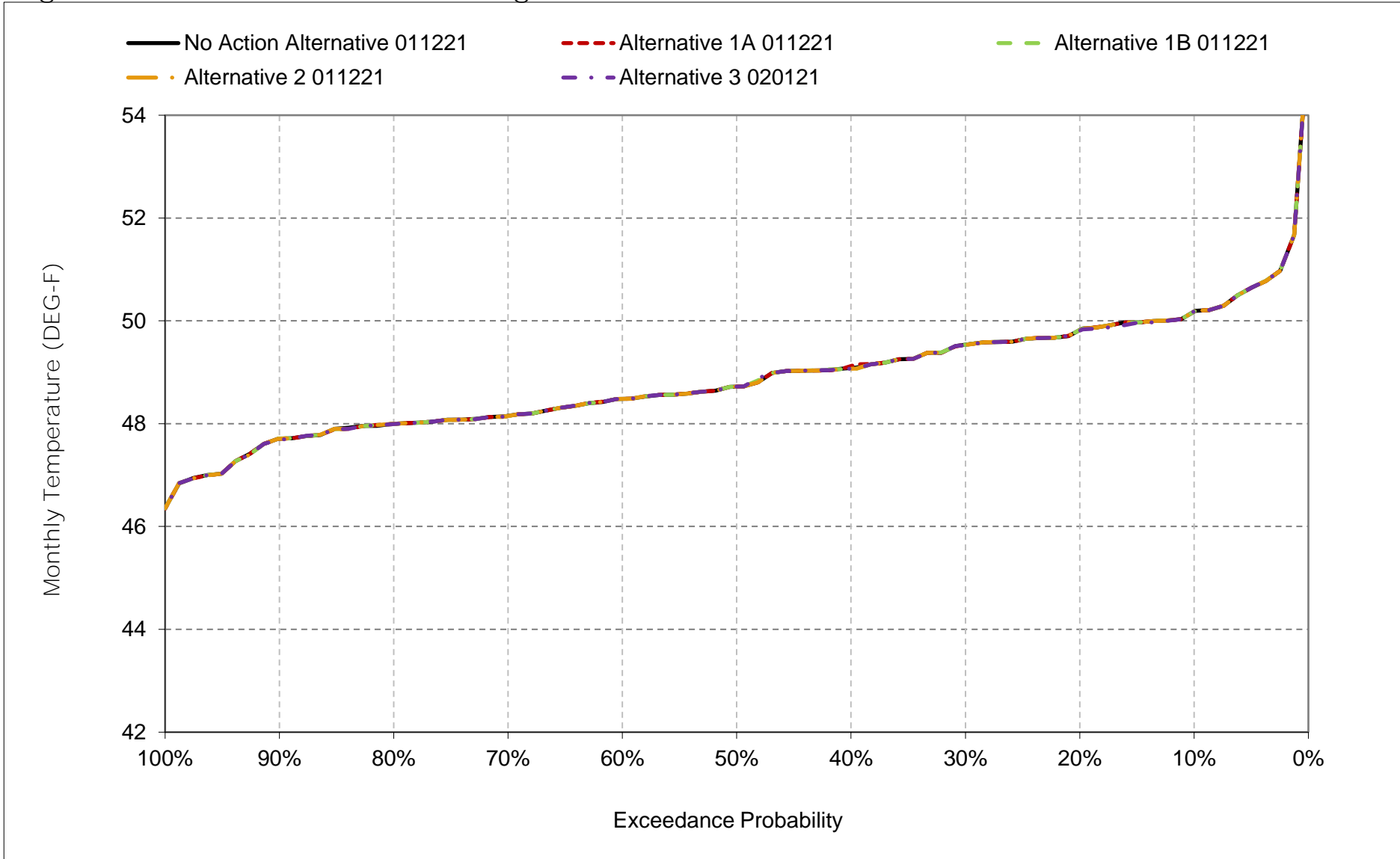


Figure 6C-3-14. Clear Creek at I go, May



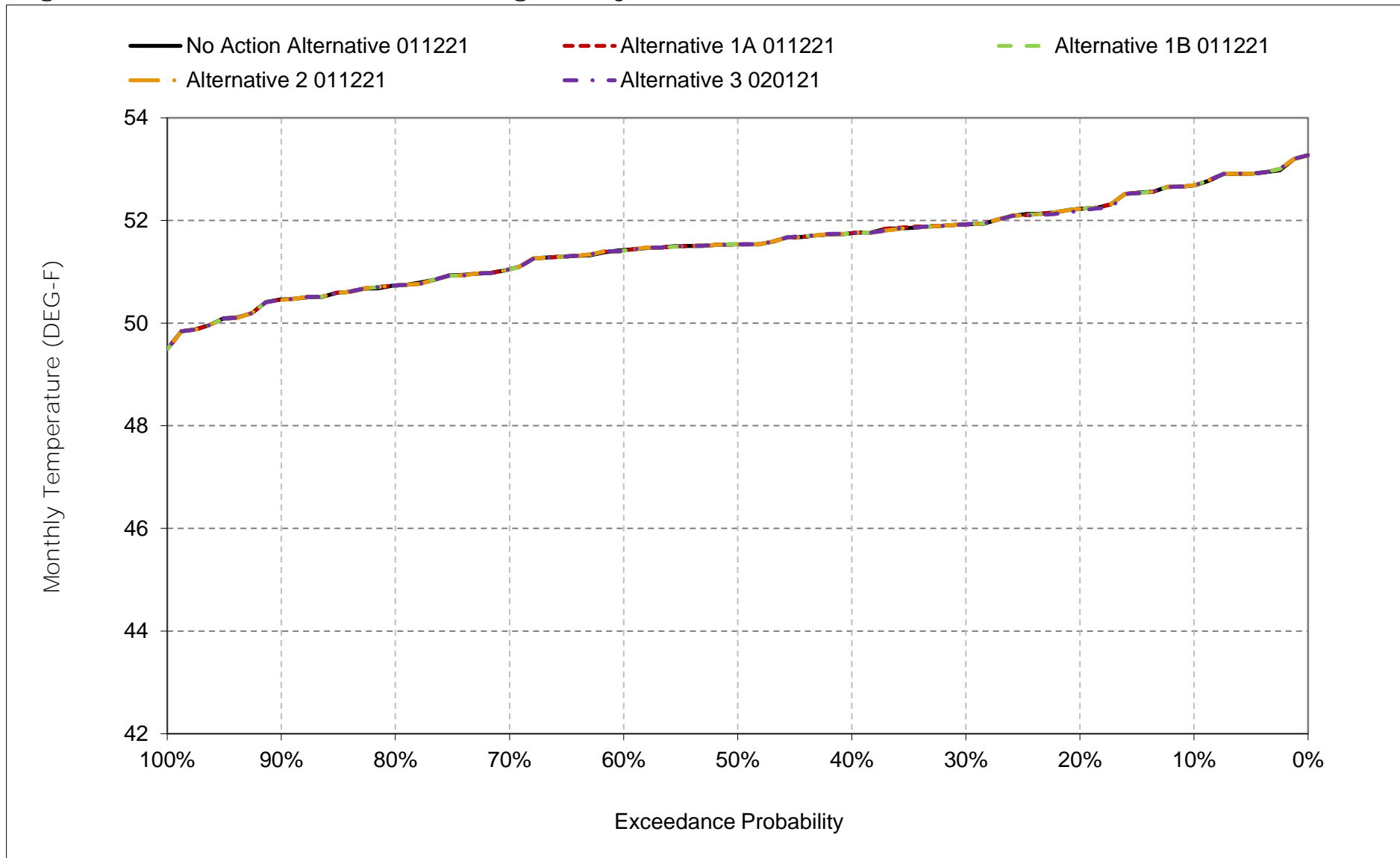
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-3-15. Clear Creek at I go, June



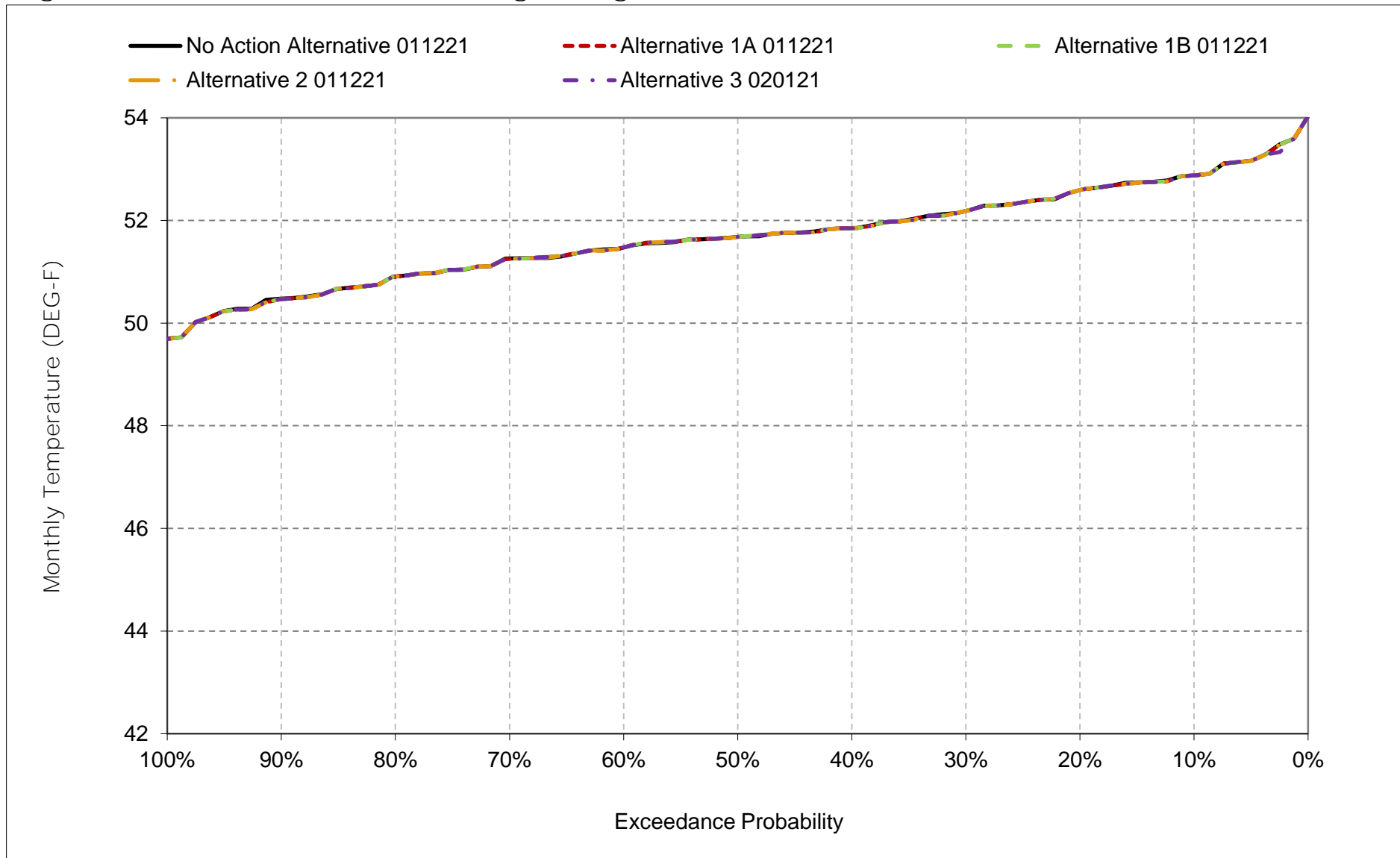
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-3-16. Clear Creek at I go, July



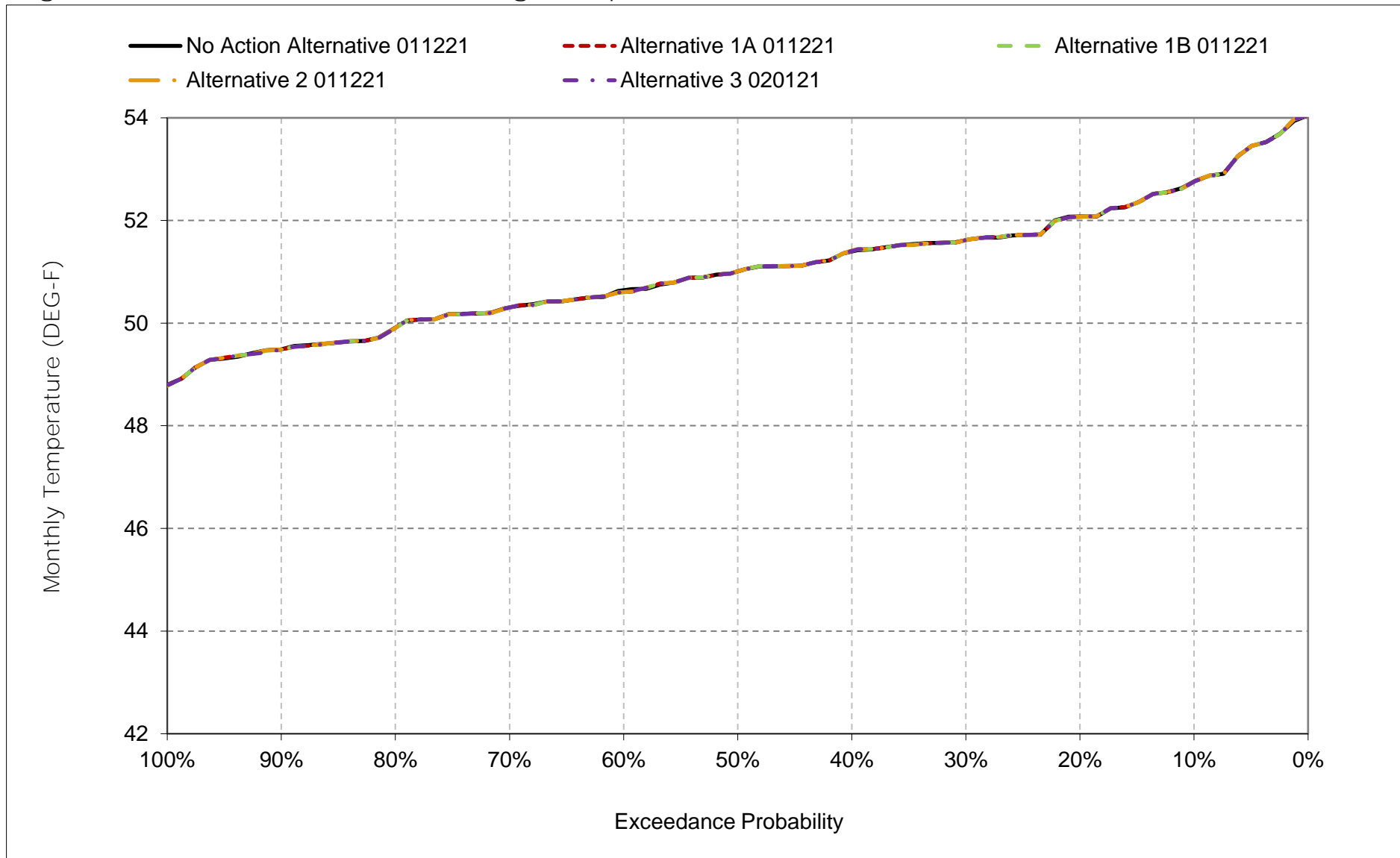
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-3-17. Clear Creek at I go, August



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-3-18. Clear Creek at I go, September



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-4-1a. Clear Creek at Mouth, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	53.0	50.8	47.3	45.6	45.9	47.8	50.1	52.2	52.5	56.5	56.0	54.9
20%	52.3	50.0	46.6	44.8	45.1	47.2	49.4	51.5	51.7	55.9	55.7	54.3
30%	51.5	49.6	46.2	44.5	44.8	46.9	49.0	51.2	51.5	55.7	55.3	54.0
40%	51.2	49.3	46.0	44.3	44.5	46.6	48.7	50.9	51.1	55.4	55.1	53.6
50%	50.9	48.9	45.6	44.0	44.3	46.3	48.4	50.6	50.6	55.3	54.9	53.3
60%	50.3	48.4	45.4	43.8	44.0	46.2	48.2	50.4	50.3	55.1	54.6	53.0
70%	49.8	48.3	45.2	43.5	43.9	46.0	48.0	50.0	50.1	54.8	54.4	52.7
80%	49.7	48.1	45.0	43.3	43.6	45.7	47.8	49.7	49.9	54.5	54.1	52.3
90%	49.4	47.5	44.8	43.0	43.4	45.4	47.4	49.4	49.6	54.1	53.7	51.8
Long Term												
Full Simulation Period <sup>a</sup>	51.0	49.0	45.8	44.1	44.4	46.5	48.6	50.7	50.9	55.3	54.9	53.4
Water Year Types <sup>b,c</sup>												
Wet (32%)	49.8	48.2	45.5	44.0	43.9	46.1	48.0	50.2	50.5	55.0	54.5	52.7
Above Normal (15%)	50.2	48.4	45.5	44.1	44.1	46.3	48.4	50.8	51.4	55.4	54.4	52.6
Below Normal (17%)	51.0	49.1	45.8	43.8	43.9	46.2	48.2	50.2	50.2	55.0	54.7	53.3
Dry (22%)	51.4	49.3	46.0	43.9	44.7	46.6	48.7	50.6	50.7	55.3	55.1	53.7
Critical (15%)	53.5	50.5	46.3	44.8	45.9	47.8	50.1	52.2	52.4	56.0	56.0	55.2

Table 6C-4-1b. Clear Creek at Mouth, Alternative 1A 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	53.0	50.8	47.3	45.6	45.9	47.8	50.1	52.2	52.5	56.5	56.0	54.9
20%	52.3	50.0	46.6	44.8	45.1	47.2	49.4	51.5	51.7	55.9	55.7	54.3
30%	51.6	49.6	46.2	44.5	44.8	46.9	49.0	51.2	51.5	55.7	55.3	54.0
40%	51.2	49.3	46.0	44.3	44.5	46.6	48.7	50.9	51.1	55.4	55.1	53.6
50%	50.9	48.9	45.6	44.0	44.3	46.3	48.4	50.6	50.6	55.3	54.9	53.3
60%	50.3	48.4	45.4	43.8	44.0	46.2	48.2	50.4	50.3	55.1	54.6	53.0
70%	49.8	48.3	45.2	43.5	43.9	46.0	48.0	50.1	50.1	54.8	54.4	52.7
80%	49.7	48.1	45.0	43.3	43.6	45.7	47.8	49.7	49.9	54.5	54.1	52.3
90%	49.4	47.5	44.8	43.0	43.4	45.4	47.4	49.4	49.6	54.1	53.7	51.8
Long Term												
Full Simulation Period <sup>a</sup>	51.0	49.0	45.8	44.1	44.4	46.5	48.6	50.7	50.9	55.3	54.9	53.4
Water Year Types <sup>b,c</sup>												
Wet (32%)	49.8	48.2	45.5	44.0	43.9	46.1	48.0	50.2	50.5	55.0	54.5	52.7
Above Normal (15%)	50.2	48.4	45.5	44.1	44.1	46.3	48.4	50.8	51.4	55.4	54.4	52.6
Below Normal (17%)	51.0	49.1	45.8	43.8	43.9	46.2	48.2	50.2	50.2	55.0	54.7	53.3
Dry (22%)	51.4	49.3	46.1	43.9	44.7	46.6	48.7	50.6	50.7	55.3	55.1	53.7
Critical (15%)	53.5	50.5	46.3	44.8	45.9	47.8	50.1	52.2	52.4	56.0	56.0	55.2

Table 6C-4-1c. Clear Creek at Mouth, Alternative 1A 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Critical (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-4-2a. Clear Creek at Mouth, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	53.0	50.8	47.3	45.6	45.9	47.8	50.1	52.2	52.5	56.5	56.0	54.9
20%	52.3	50.0	46.6	44.8	45.1	47.2	49.4	51.5	51.7	55.9	55.7	54.3
30%	51.5	49.6	46.2	44.5	44.8	46.9	49.0	51.2	51.5	55.7	55.3	54.0
40%	51.2	49.3	46.0	44.3	44.5	46.6	48.7	50.9	51.1	55.4	55.1	53.6
50%	50.9	48.9	45.6	44.0	44.3	46.3	48.4	50.6	50.6	55.3	54.9	53.3
60%	50.3	48.4	45.4	43.8	44.0	46.2	48.2	50.4	50.3	55.1	54.6	53.0
70%	49.8	48.3	45.2	43.5	43.9	46.0	48.0	50.0	50.1	54.8	54.4	52.7
80%	49.7	48.1	45.0	43.3	43.6	45.7	47.8	49.7	49.9	54.5	54.1	52.3
90%	49.4	47.5	44.8	43.0	43.4	45.4	47.4	49.4	49.6	54.1	53.7	51.8
Long Term												
Full Simulation Period <sup>a</sup>	51.0	49.0	45.8	44.1	44.4	46.5	48.6	50.7	50.9	55.3	54.9	53.4
Water Year Types <sup>b,c</sup>												
Wet (32%)	49.8	48.2	45.5	44.0	43.9	46.1	48.0	50.2	50.5	55.0	54.5	52.7
Above Normal (15%)	50.2	48.4	45.5	44.1	44.1	46.3	48.4	50.8	51.4	55.4	54.4	52.6
Below Normal (17%)	51.0	49.1	45.8	43.8	43.9	46.2	48.2	50.2	50.2	55.0	54.7	53.3
Dry (22%)	51.4	49.3	46.0	43.9	44.7	46.6	48.7	50.6	50.7	55.3	55.1	53.7
Critical (15%)	53.5	50.5	46.3	44.8	45.9	47.8	50.1	52.2	52.4	56.0	56.0	55.2

Table 6C-4-2b. Clear Creek at Mouth, Alternative 1B 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	53.0	50.8	47.3	45.6	45.9	47.8	50.1	52.2	52.5	56.5	56.0	54.9
20%	52.3	50.0	46.6	44.8	45.1	47.2	49.4	51.5	51.7	55.9	55.7	54.3
30%	51.6	49.6	46.2	44.5	44.8	46.9	49.0	51.2	51.5	55.7	55.3	54.0
40%	51.2	49.3	46.0	44.3	44.5	46.6	48.7	50.9	51.0	55.4	55.1	53.6
50%	50.9	48.9	45.6	44.0	44.3	46.3	48.4	50.6	50.6	55.3	54.9	53.3
60%	50.3	48.4	45.4	43.8	44.0	46.2	48.2	50.4	50.3	55.1	54.6	53.0
70%	49.8	48.3	45.2	43.5	43.9	46.0	48.0	50.1	50.1	54.8	54.4	52.7
80%	49.6	48.1	45.0	43.3	43.6	45.7	47.8	49.7	49.9	54.5	54.1	52.3
90%	49.4	47.5	44.9	43.0	43.4	45.4	47.4	49.4	49.6	54.1	53.7	51.8
Long Term												
Full Simulation Period <sup>a</sup>	51.0	49.0	45.8	44.1	44.4	46.5	48.6	50.7	50.9	55.3	54.9	53.4
Water Year Types <sup>b,c</sup>												
Wet (32%)	49.8	48.2	45.5	44.0	43.9	46.1	48.0	50.2	50.5	55.0	54.5	52.7
Above Normal (15%)	50.2	48.4	45.5	44.1	44.1	46.3	48.4	50.8	51.4	55.4	54.4	52.6
Below Normal (17%)	51.0	49.1	45.8	43.8	43.9	46.2	48.2	50.2	50.2	55.0	54.7	53.3
Dry (22%)	51.4	49.3	46.1	43.9	44.7	46.6	48.7	50.6	50.7	55.3	55.1	53.7
Critical (15%)	53.5	50.5	46.3	44.8	45.9	47.8	50.1	52.2	52.4	56.0	56.0	55.2

Table 6C-4-2c. Clear Creek at Mouth, Alternative 1B 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Critical (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-4-3a. Clear Creek at Mouth, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	53.0	50.8	47.3	45.6	45.9	47.8	50.1	52.2	52.5	56.5	56.0	54.9
20%	52.3	50.0	46.6	44.8	45.1	47.2	49.4	51.5	51.7	55.9	55.7	54.3
30%	51.5	49.6	46.2	44.5	44.8	46.9	49.0	51.2	51.5	55.7	55.3	54.0
40%	51.2	49.3	46.0	44.3	44.5	46.6	48.7	50.9	51.1	55.4	55.1	53.6
50%	50.9	48.9	45.6	44.0	44.3	46.3	48.4	50.6	50.6	55.3	54.9	53.3
60%	50.3	48.4	45.4	43.8	44.0	46.2	48.2	50.4	50.3	55.1	54.6	53.0
70%	49.8	48.3	45.2	43.5	43.9	46.0	48.0	50.0	50.1	54.8	54.4	52.7
80%	49.7	48.1	45.0	43.3	43.6	45.7	47.8	49.7	49.9	54.5	54.1	52.3
90%	49.4	47.5	44.8	43.0	43.4	45.4	47.4	49.4	49.6	54.1	53.7	51.8
Long Term												
Full Simulation Period <sup>a</sup>	51.0	49.0	45.8	44.1	44.4	46.5	48.6	50.7	50.9	55.3	54.9	53.4
Water Year Types <sup>b,c</sup>												
Wet (32%)	49.8	48.2	45.5	44.0	43.9	46.1	48.0	50.2	50.5	55.0	54.5	52.7
Above Normal (15%)	50.2	48.4	45.5	44.1	44.1	46.3	48.4	50.8	51.4	55.4	54.4	52.6
Below Normal (17%)	51.0	49.1	45.8	43.8	43.9	46.2	48.2	50.2	50.2	55.0	54.7	53.3
Dry (22%)	51.4	49.3	46.0	43.9	44.7	46.6	48.7	50.6	50.7	55.3	55.1	53.7
Critical (15%)	53.5	50.5	46.3	44.8	45.9	47.8	50.1	52.2	52.4	56.0	56.0	55.2

Table 6C-4-3b. Clear Creek at Mouth, Alternative 2 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	53.0	50.8	47.3	45.6	45.9	47.8	50.1	52.2	52.5	56.5	56.0	54.9
20%	52.3	50.0	46.6	44.8	45.1	47.2	49.4	51.5	51.7	55.9	55.7	54.3
30%	51.6	49.6	46.2	44.5	44.8	46.9	49.0	51.2	51.5	55.7	55.3	54.0
40%	51.2	49.3	46.0	44.3	44.5	46.6	48.7	50.9	51.1	55.4	55.1	53.6
50%	50.9	48.9	45.6	44.0	44.3	46.3	48.4	50.6	50.6	55.3	54.9	53.3
60%	50.3	48.4	45.4	43.8	44.0	46.2	48.2	50.4	50.3	55.1	54.6	53.0
70%	49.8	48.3	45.2	43.5	43.9	46.0	48.0	50.1	50.1	54.8	54.4	52.7
80%	49.7	48.1	45.0	43.3	43.6	45.7	47.8	49.7	49.9	54.5	54.1	52.3
90%	49.4	47.5	44.8	43.0	43.4	45.4	47.4	49.4	49.6	54.1	53.7	51.8
Long Term												
Full Simulation Period <sup>a</sup>	51.0	49.0	45.8	44.1	44.4	46.5	48.6	50.7	50.9	55.3	54.9	53.4
Water Year Types <sup>b,c</sup>												
Wet (32%)	49.8	48.2	45.5	44.0	43.9	46.1	48.0	50.2	50.5	55.0	54.5	52.7
Above Normal (15%)	50.2	48.4	45.5	44.1	44.1	46.3	48.4	50.8	51.4	55.4	54.4	52.6
Below Normal (17%)	51.0	49.1	45.8	43.8	43.9	46.2	48.2	50.2	50.2	55.0	54.7	53.3
Dry (22%)	51.4	49.3	46.1	43.9	44.7	46.6	48.7	50.6	50.7	55.3	55.1	53.7
Critical (15%)	53.5	50.5	46.3	44.8	45.9	47.8	50.1	52.2	52.4	56.0	56.0	55.2

Table 6C-4-3c. Clear Creek at Mouth, Alternative 2 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Critical (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.



Table 6C-4-4a. Clear Creek at Mouth, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	53.0	50.8	47.3	45.6	45.9	47.8	50.1	52.2	52.5	56.5	56.0	54.9
20%	52.3	50.0	46.6	44.8	45.1	47.2	49.4	51.5	51.7	55.9	55.7	54.3
30%	51.5	49.6	46.2	44.5	44.8	46.9	49.0	51.2	51.5	55.7	55.3	54.0
40%	51.2	49.3	46.0	44.3	44.5	46.6	48.7	50.9	51.1	55.4	55.1	53.6
50%	50.9	48.9	45.6	44.0	44.3	46.3	48.4	50.6	50.6	55.3	54.9	53.3
60%	50.3	48.4	45.4	43.8	44.0	46.2	48.2	50.4	50.3	55.1	54.6	53.0
70%	49.8	48.3	45.2	43.5	43.9	46.0	48.0	50.0	50.1	54.8	54.4	52.7
80%	49.7	48.1	45.0	43.3	43.6	45.7	47.8	49.7	49.9	54.5	54.1	52.3
90%	49.4	47.5	44.8	43.0	43.4	45.4	47.4	49.4	49.6	54.1	53.7	51.8
Long Term												
Full Simulation Period <sup>a</sup>	51.0	49.0	45.8	44.1	44.4	46.5	48.6	50.7	50.9	55.3	54.9	53.4
Water Year Types <sup>b,c</sup>												
Wet (32%)	49.8	48.2	45.5	44.0	43.9	46.1	48.0	50.2	50.5	55.0	54.5	52.7
Above Normal (15%)	50.2	48.4	45.5	44.1	44.1	46.3	48.4	50.8	51.4	55.4	54.4	52.6
Below Normal (17%)	51.0	49.1	45.8	43.8	43.9	46.2	48.2	50.2	50.2	55.0	54.7	53.3
Dry (22%)	51.4	49.3	46.0	43.9	44.7	46.6	48.7	50.6	50.7	55.3	55.1	53.7
Critical (15%)	53.5	50.5	46.3	44.8	45.9	47.8	50.1	52.2	52.4	56.0	56.0	55.2

Table 6C-4-4b. Clear Creek at Mouth, Alternative 3 020121, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	53.0	50.8	47.3	45.6	45.9	47.8	50.1	52.2	52.5	56.5	56.0	54.9
20%	52.3	50.0	46.6	44.8	45.1	47.2	49.4	51.5	51.7	55.9	55.7	54.3
30%	51.6	49.6	46.2	44.5	44.8	46.9	49.0	51.2	51.5	55.7	55.3	54.0
40%	51.2	49.3	46.0	44.3	44.5	46.6	48.7	50.9	51.1	55.4	55.1	53.6
50%	50.9	48.9	45.6	44.0	44.3	46.3	48.4	50.6	50.6	55.3	54.9	53.3
60%	50.3	48.4	45.4	43.8	44.0	46.2	48.2	50.4	50.3	55.1	54.6	53.0
70%	49.8	48.3	45.2	43.5	43.9	46.0	48.0	50.1	50.1	54.8	54.4	52.7
80%	49.6	48.1	45.0	43.3	43.6	45.7	47.8	49.7	49.9	54.5	54.1	52.3
90%	49.4	47.5	44.8	43.0	43.4	45.4	47.4	49.4	49.6	54.1	53.7	51.8
Long Term												
Full Simulation Period <sup>a</sup>	51.0	49.0	45.8	44.1	44.4	46.5	48.6	50.7	50.9	55.3	54.9	53.4
Water Year Types <sup>b,c</sup>												
Wet (32%)	49.8	48.2	45.5	44.0	43.9	46.1	48.0	50.2	50.5	55.0	54.5	52.7
Above Normal (15%)	50.2	48.4	45.5	44.1	44.1	46.3	48.4	50.8	51.4	55.4	54.4	52.6
Below Normal (17%)	51.0	49.1	45.8	43.8	43.9	46.2	48.2	50.2	50.2	55.0	54.7	53.3
Dry (22%)	51.4	49.3	46.1	43.9	44.7	46.6	48.7	50.6	50.7	55.3	55.1	53.7
Critical (15%)	53.5	50.5	46.3	44.8	45.9	47.8	50.1	52.2	52.4	55.9	56.0	55.2

Table 6C-4-4c. Clear Creek at Mouth, Alternative 3 020121 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Critical (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

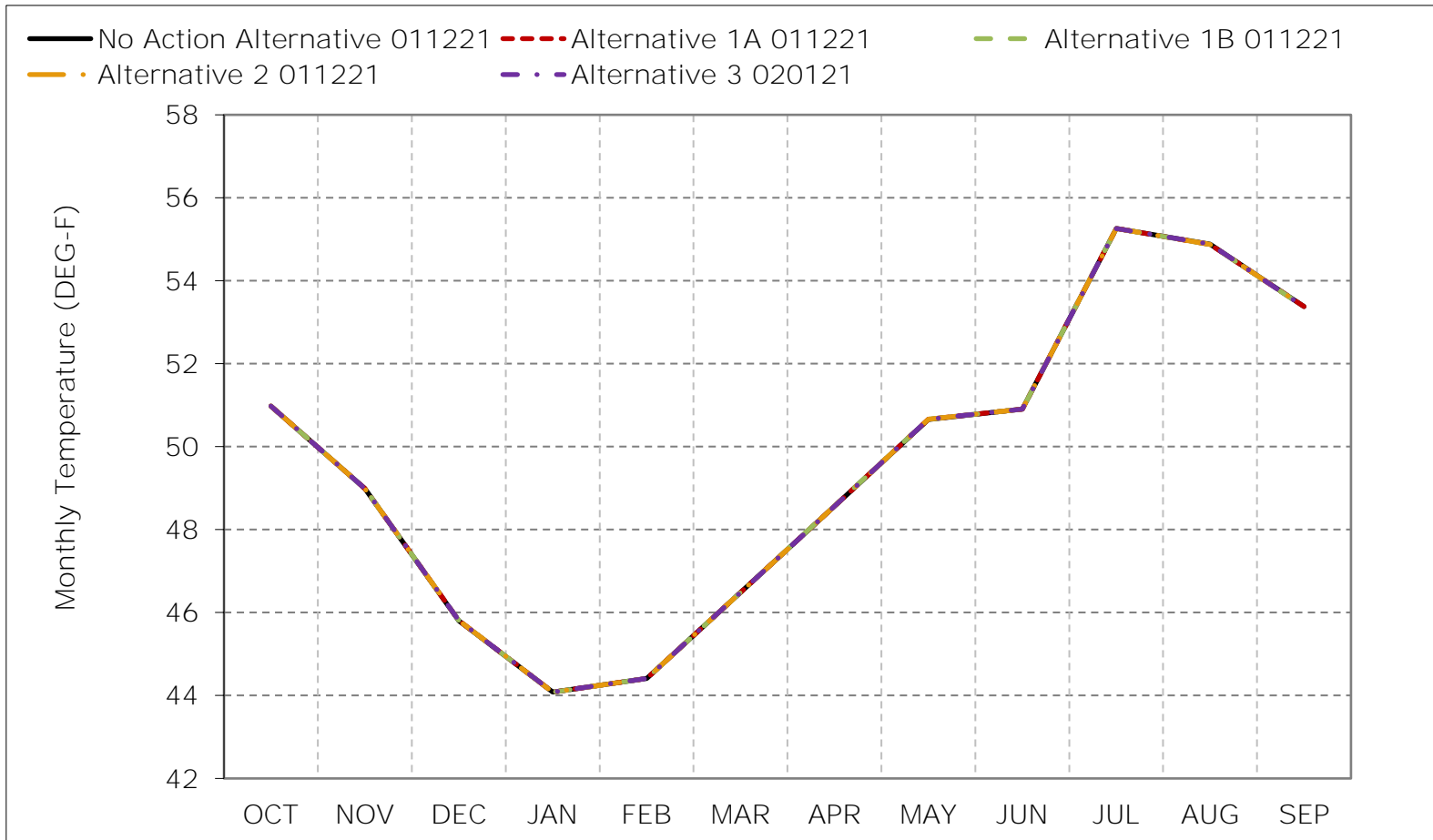
a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-4-1. Clear Creek at Mouth, Long-Term Average Temperature

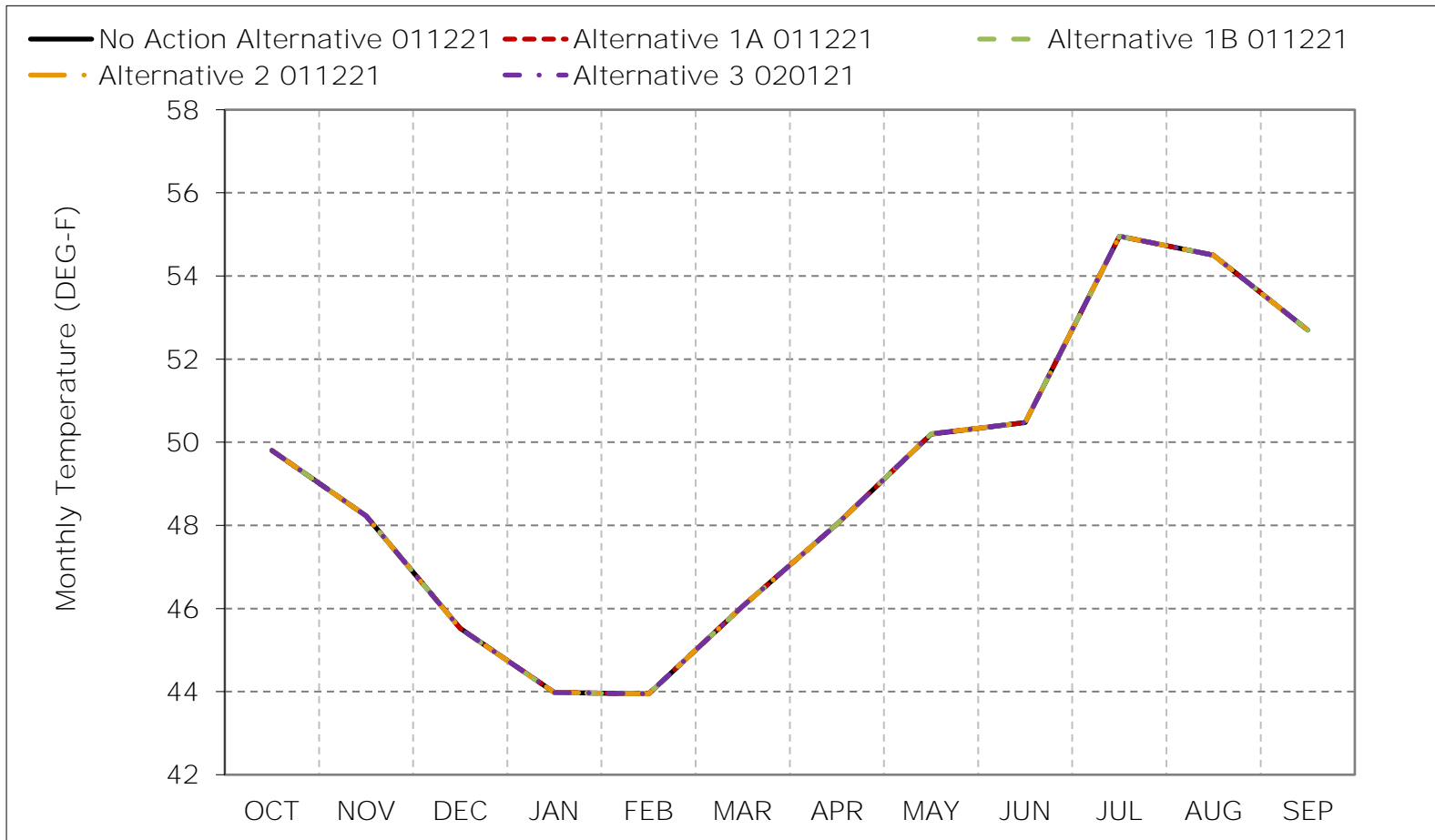


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-4-2. Clear Creek at Mouth, Wet Year Average Temperature

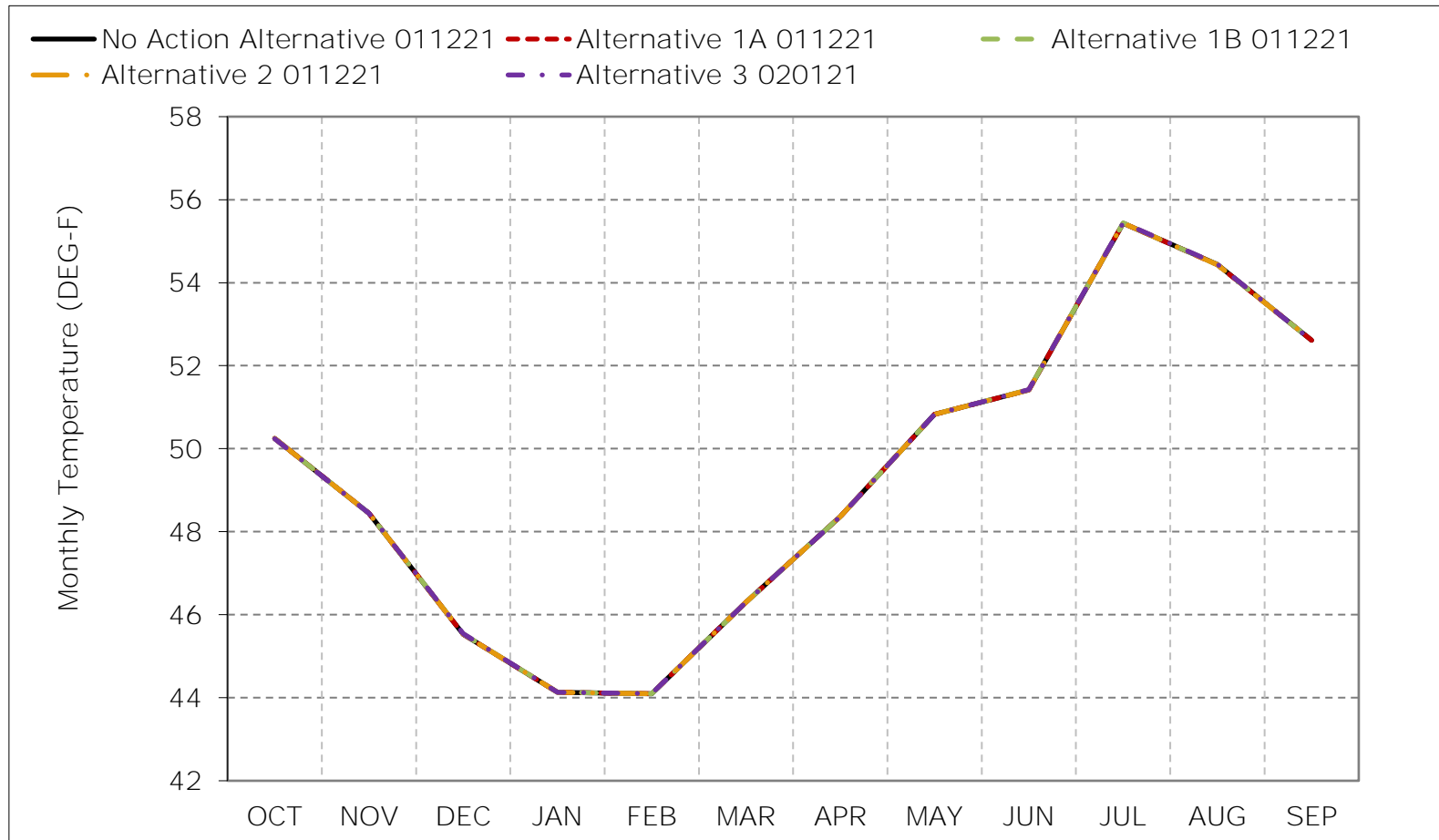


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-4-3. Clear Creek at Mouth, Above Normal Year Average Temperature

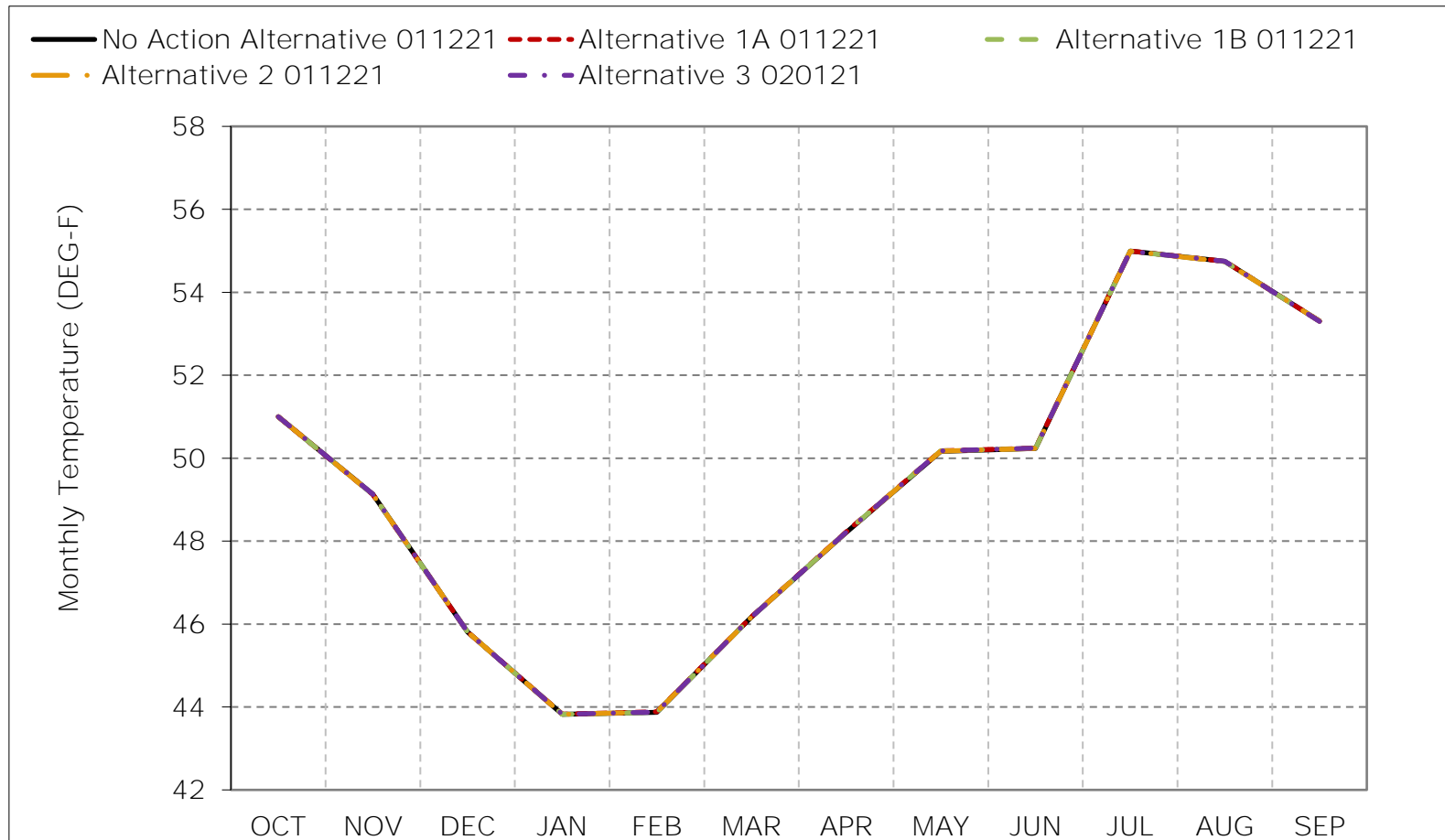


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-4-4. Clear Creek at Mouth, Below Normal Year Average Temperature

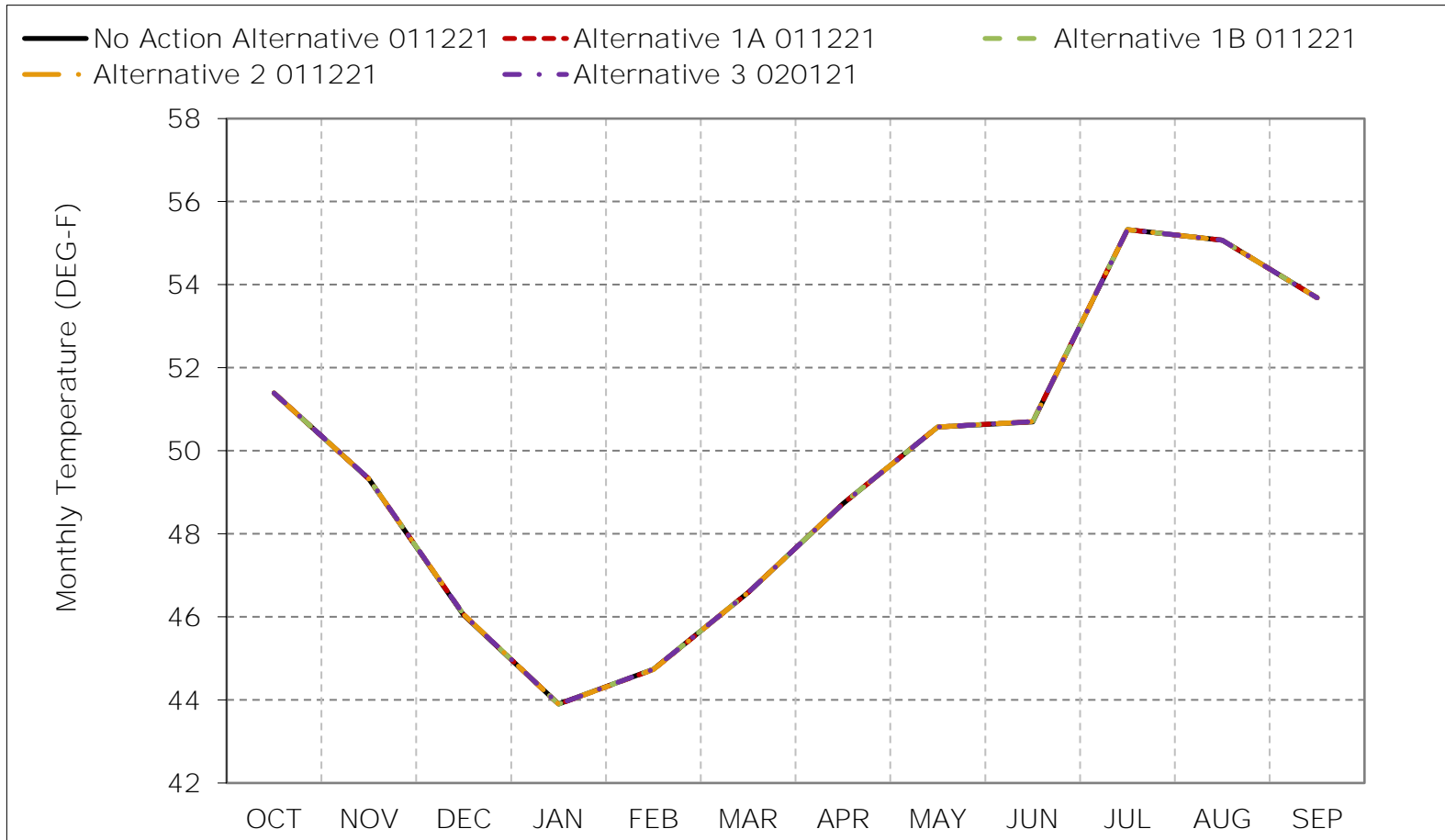


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-4-5. Clear Creek at Mouth, Dry Year Average Temperature

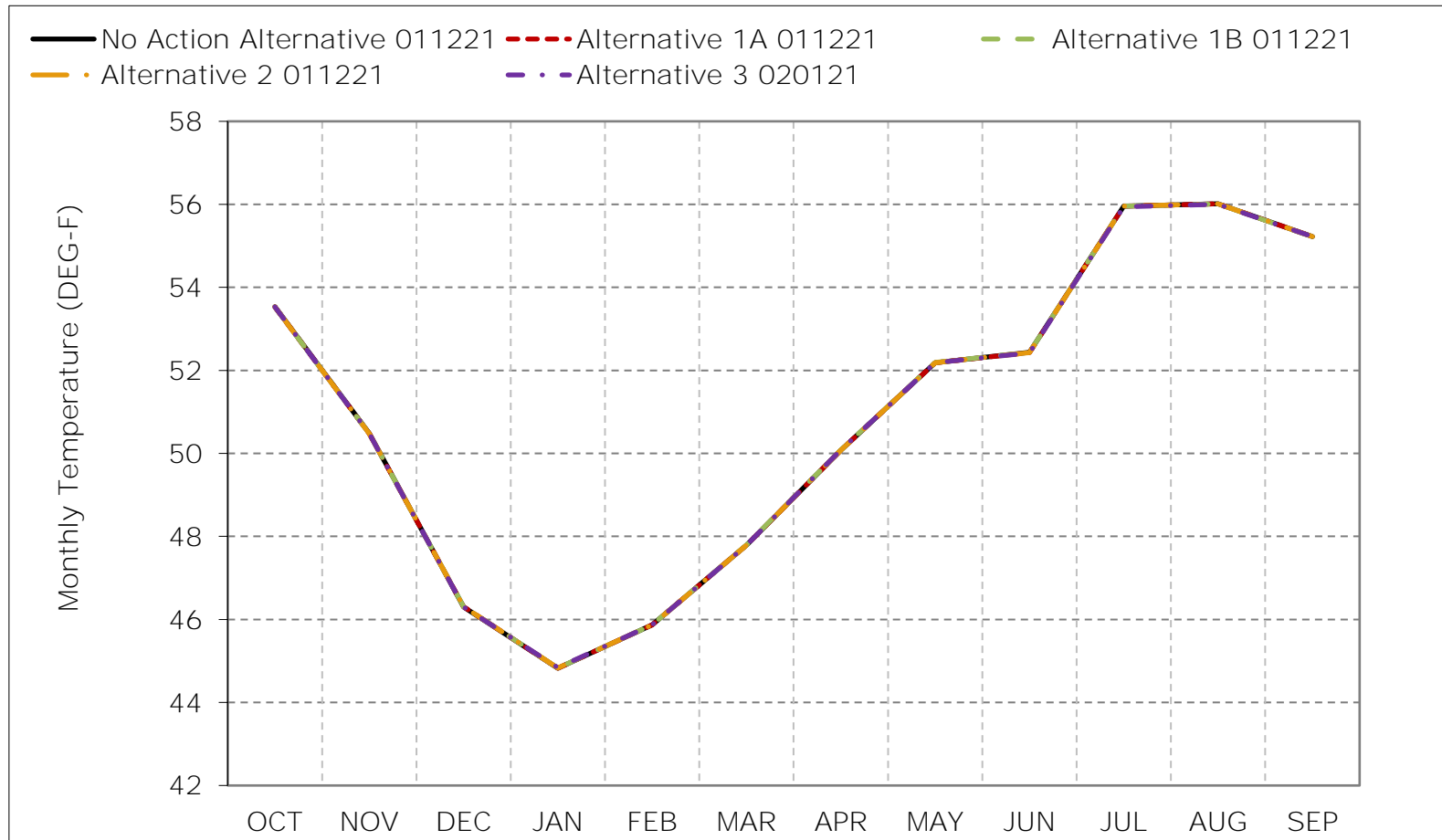


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-4-6. Clear Creek at Mouth, Critical Year Average Temperature

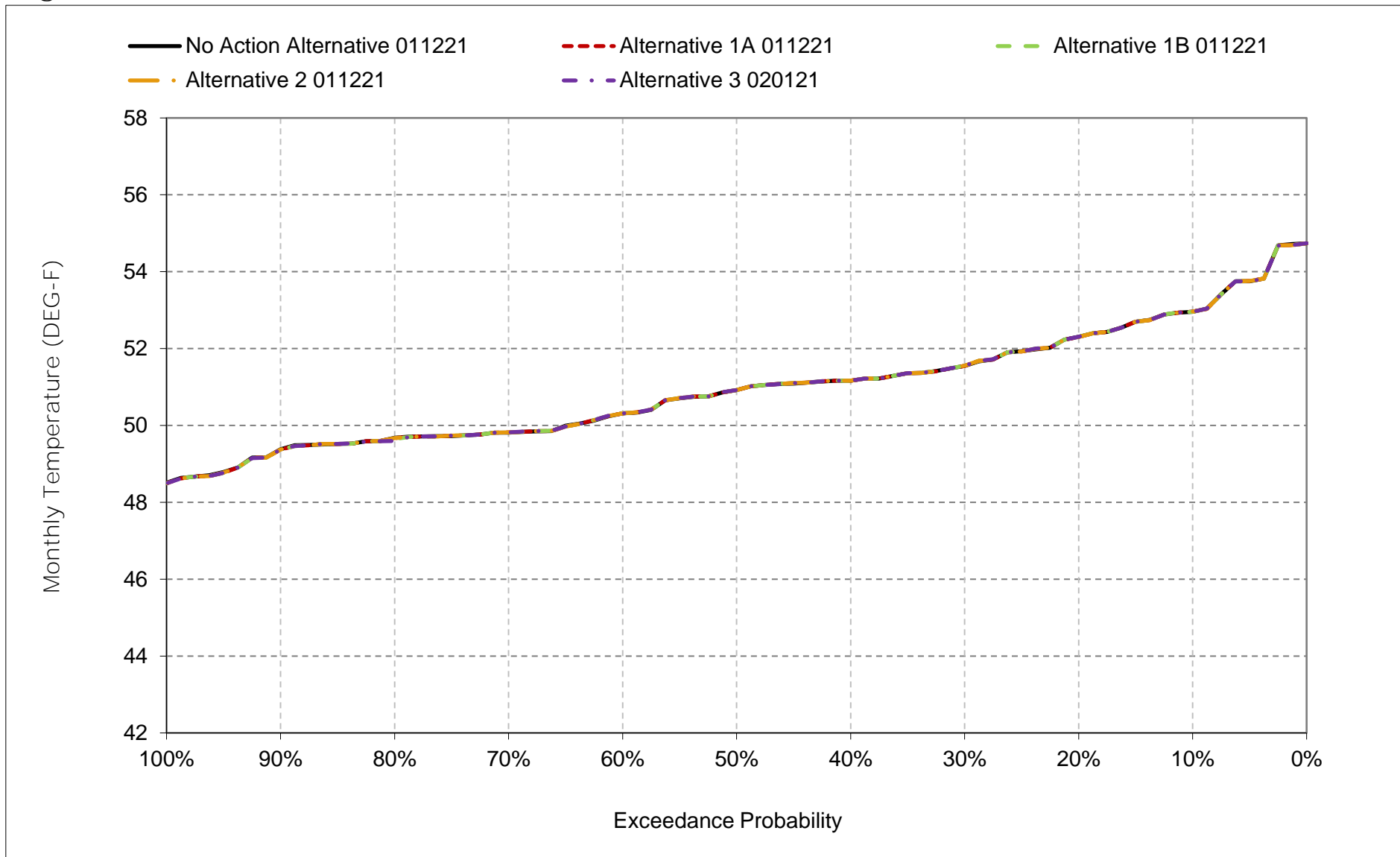


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

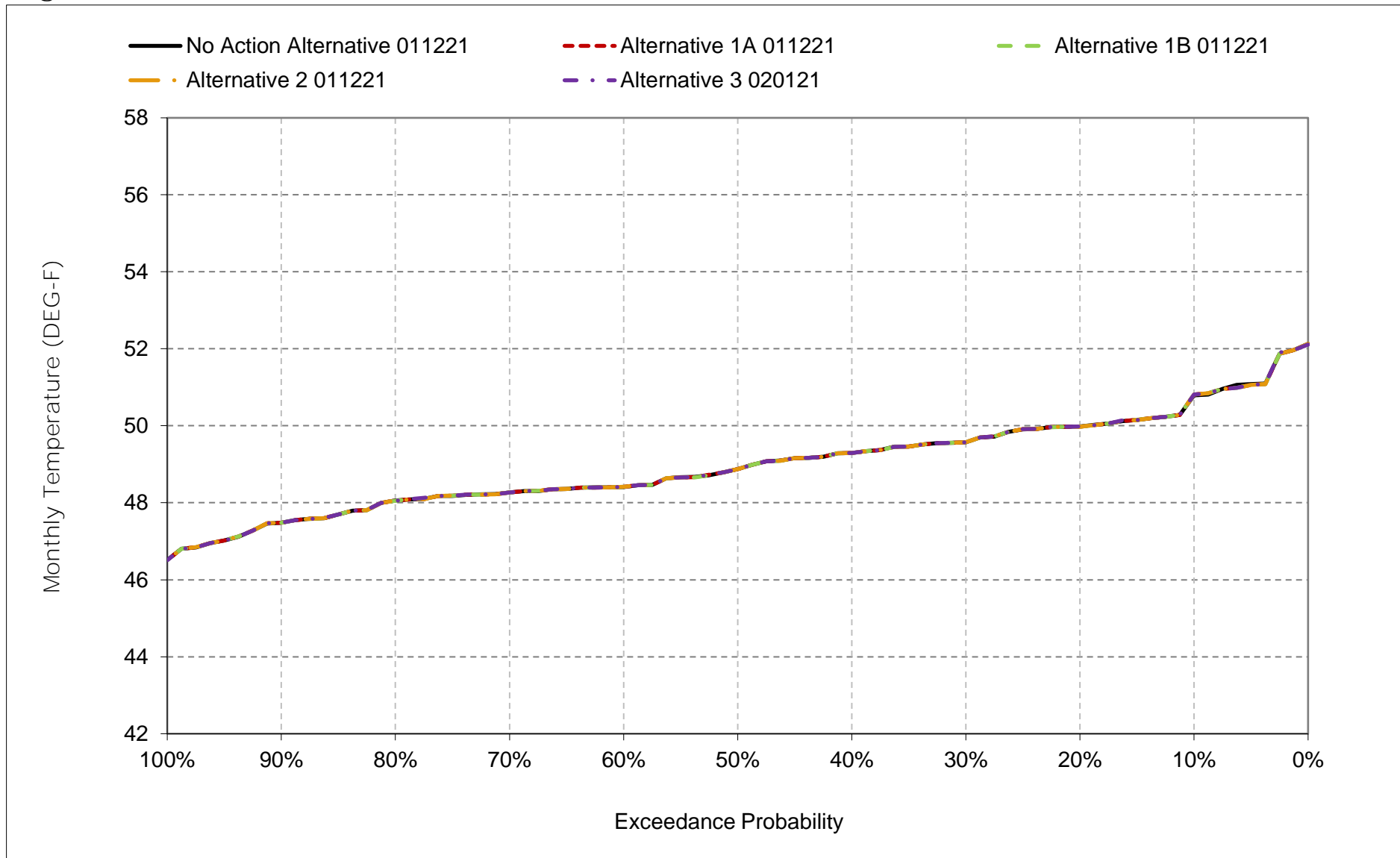
Figure 6C-4-7. Clear Creek at Mouth, October



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

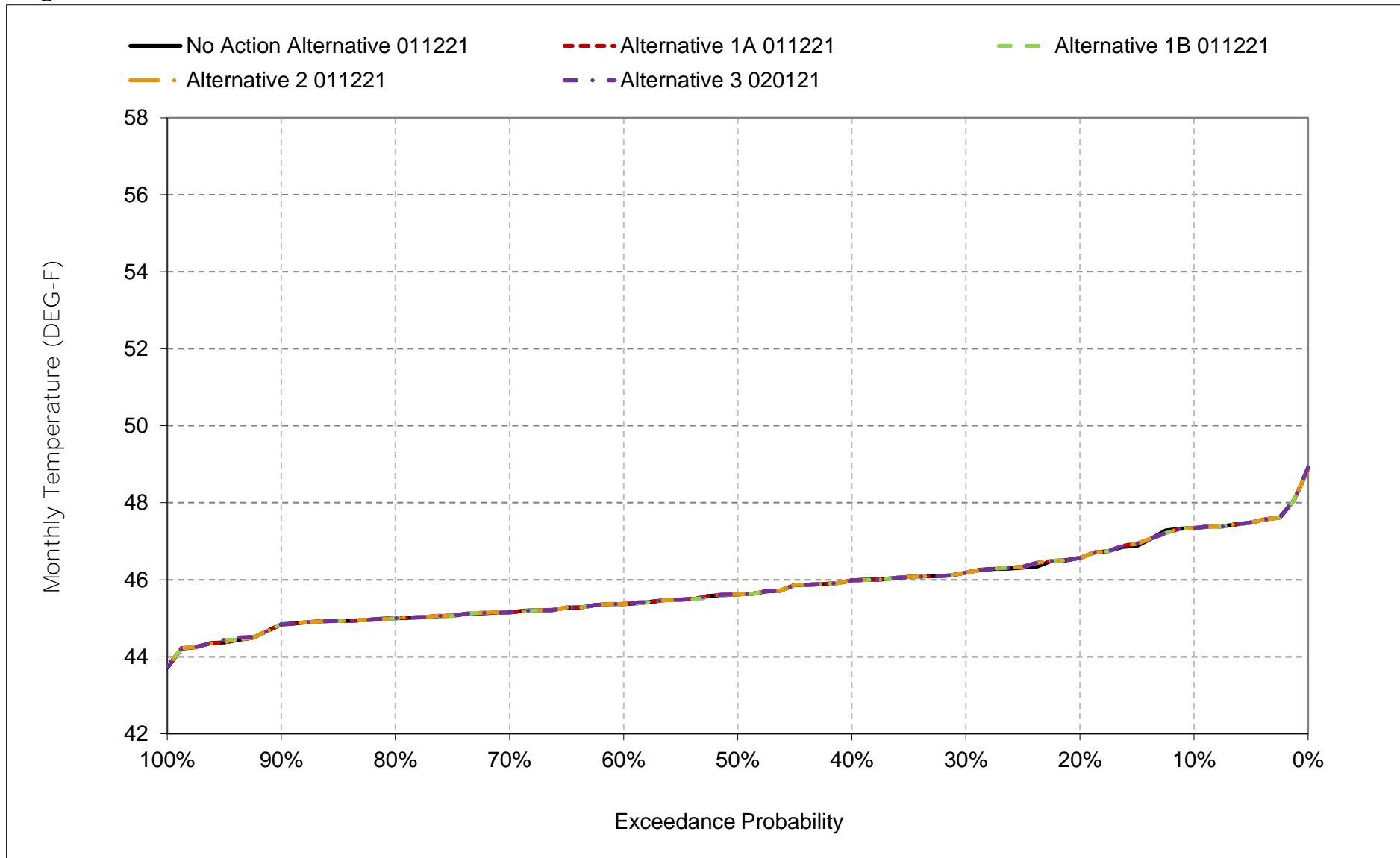


Figure 6C-4-8. Clear Creek at Mouth, November



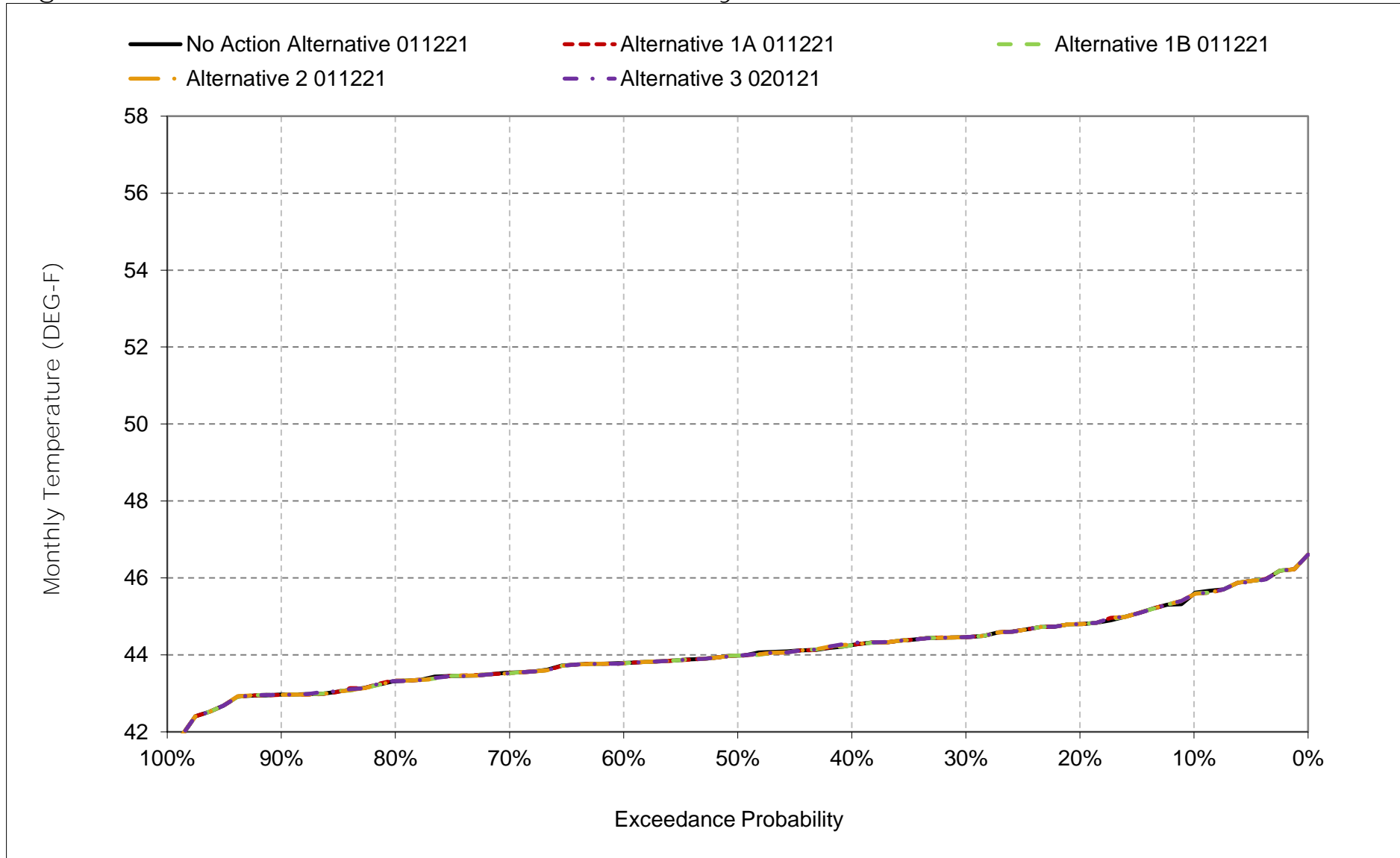
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-4-9. Clear Creek at Mouth, December



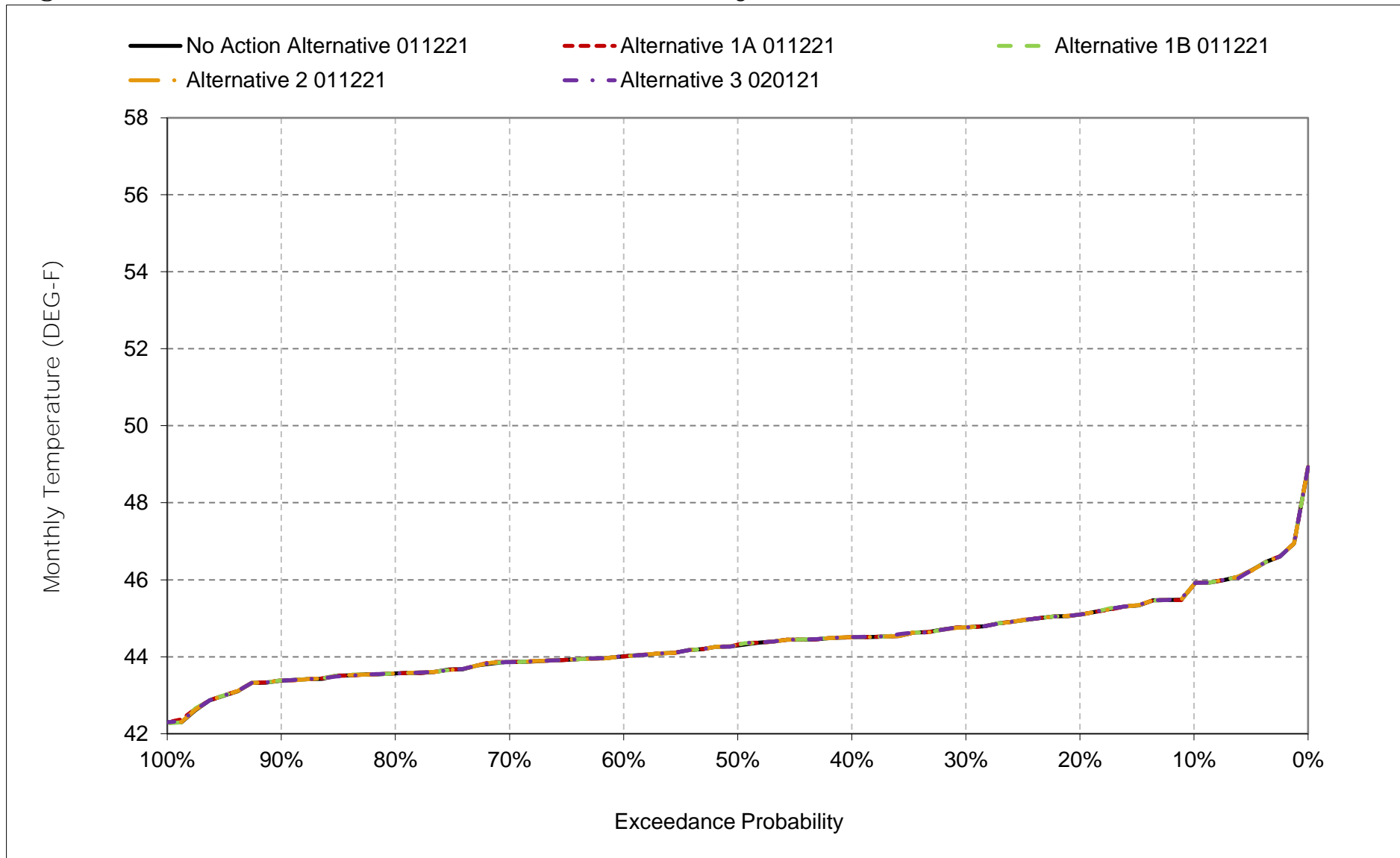
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-4-10. Clear Creek at Mouth, January



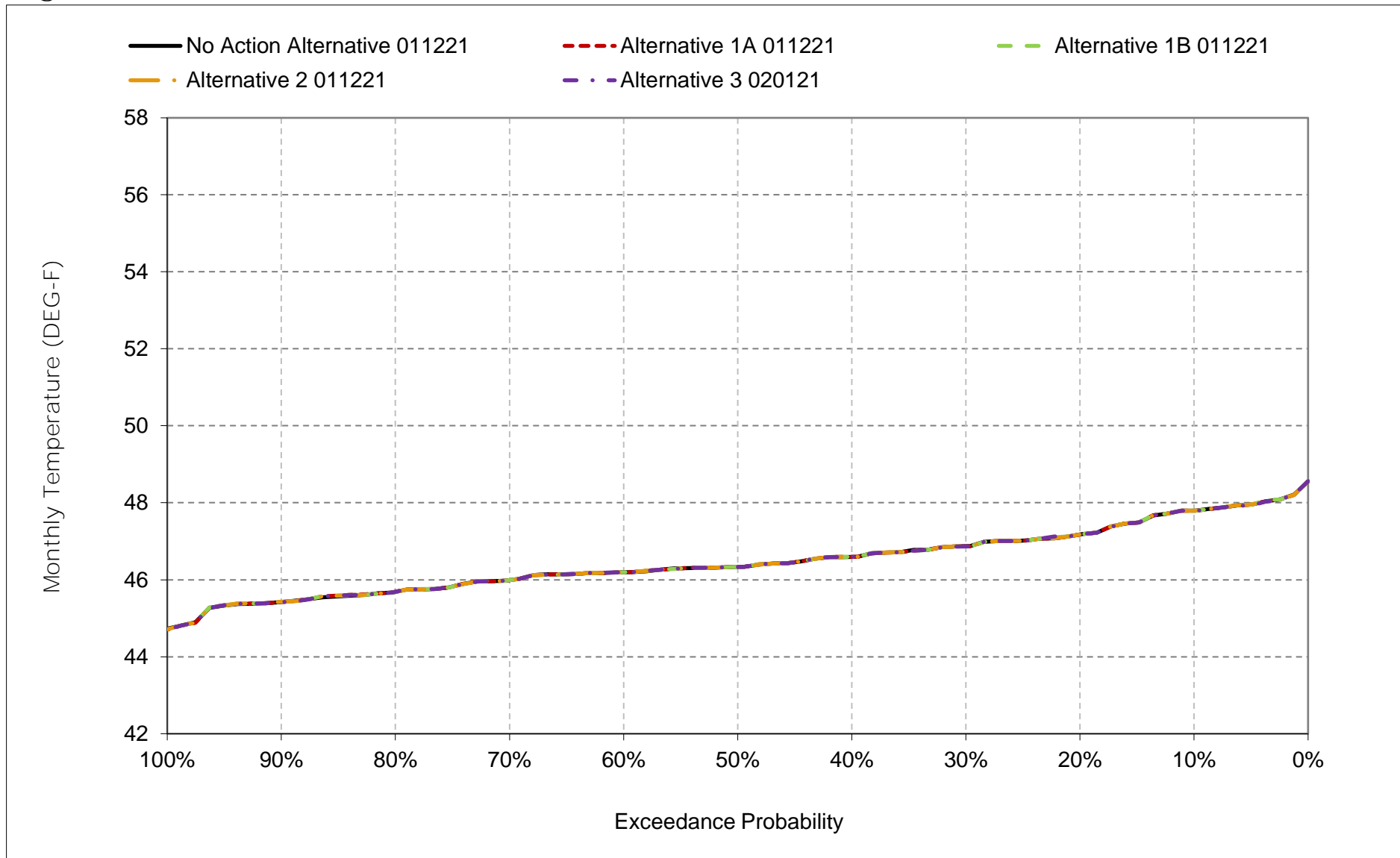
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-4-11. Clear Creek at Mouth, February



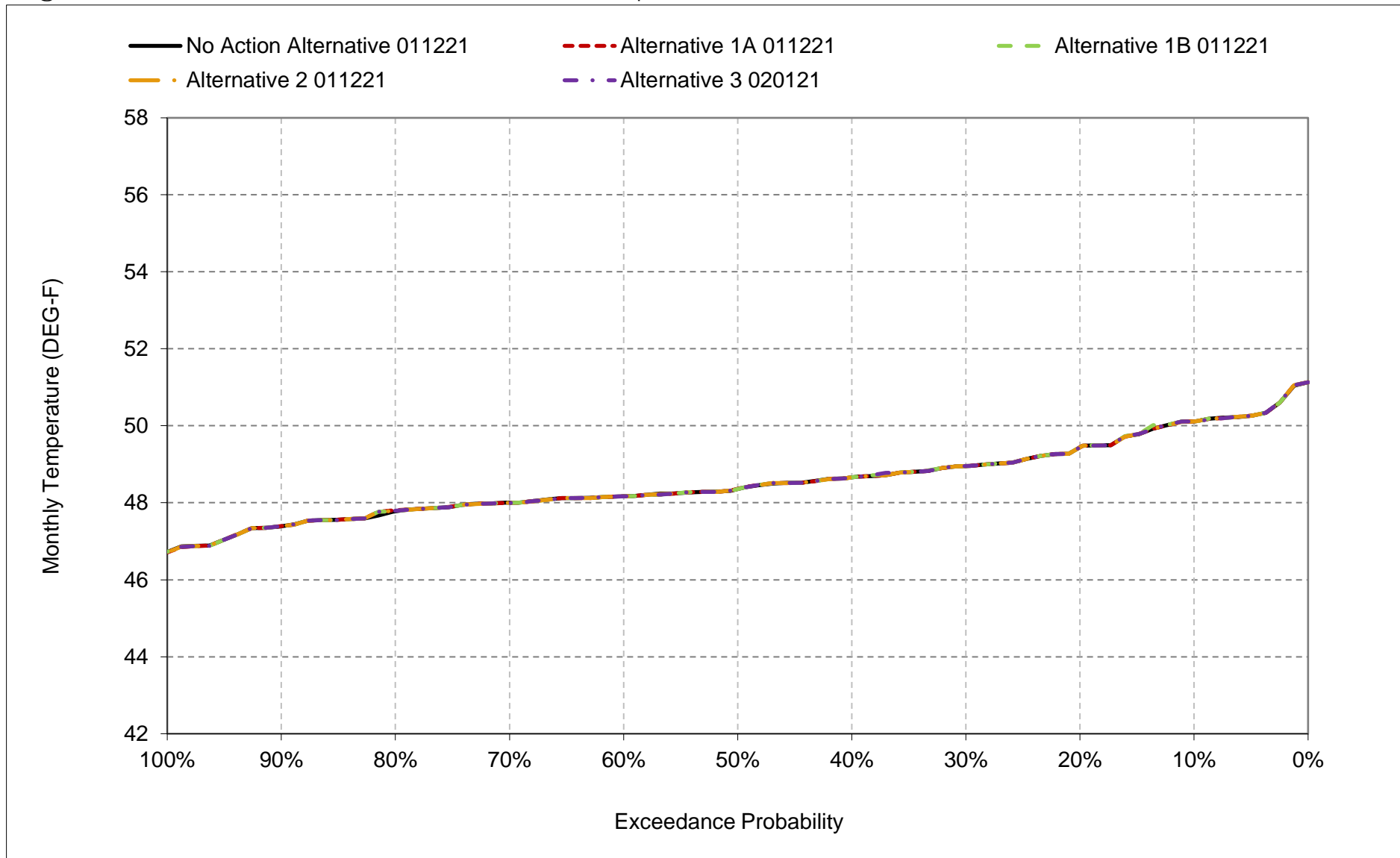
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-4-12. Clear Creek at Mouth, March



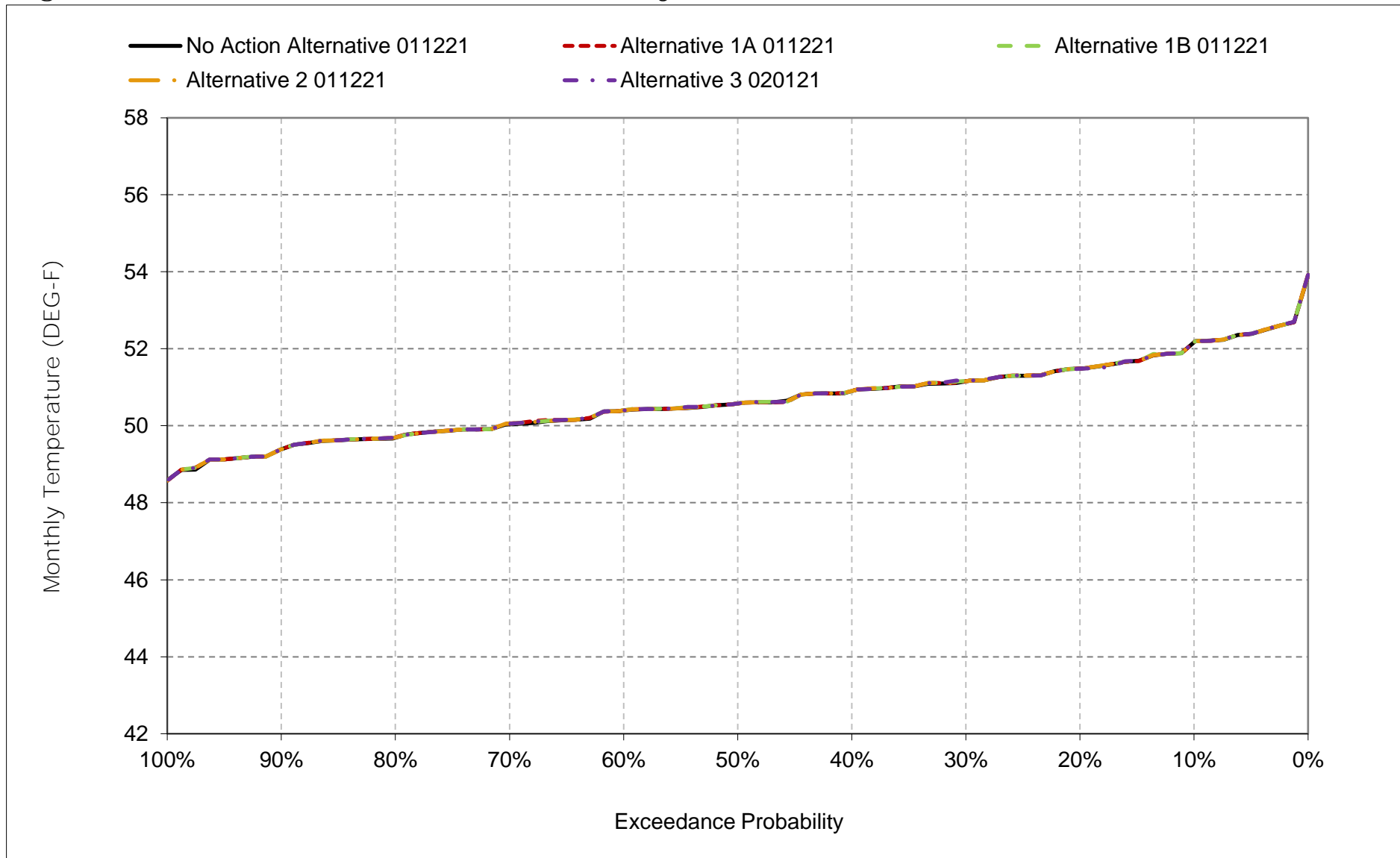
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-4-13. Clear Creek at Mouth, April



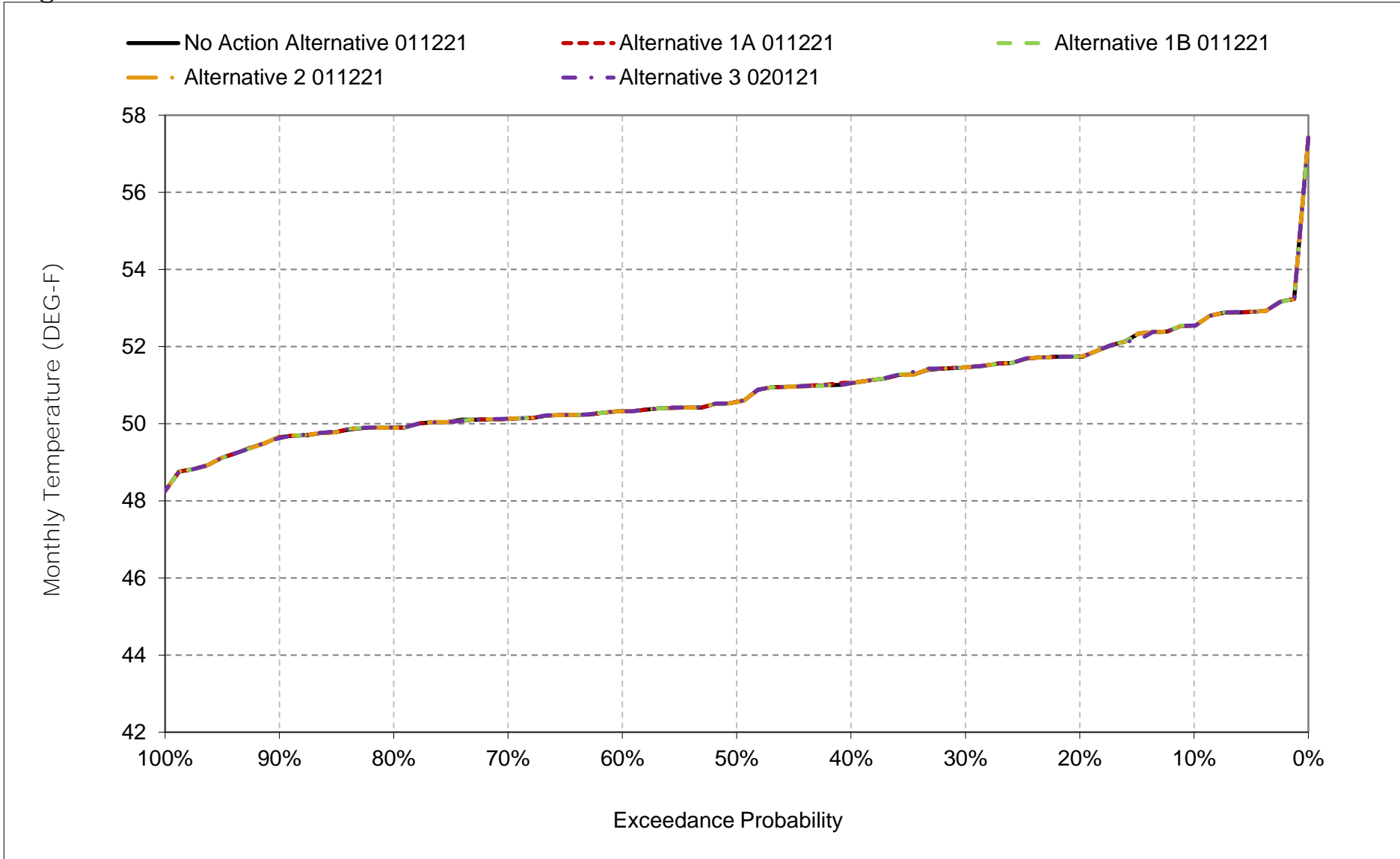
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-4-14. Clear Creek at Mouth, May



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

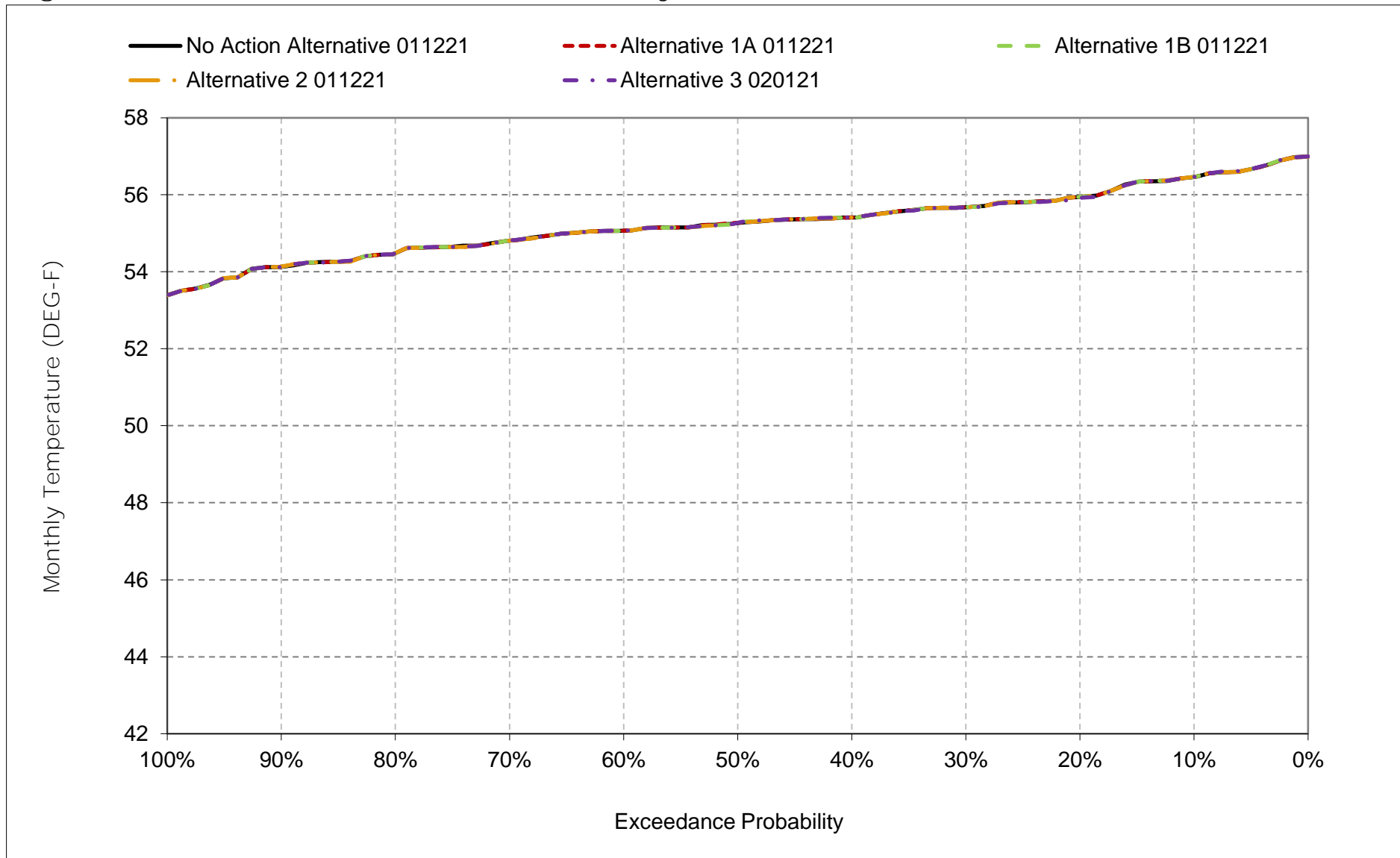
Figure 6C-4-15. Clear Creek at Mouth, June



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

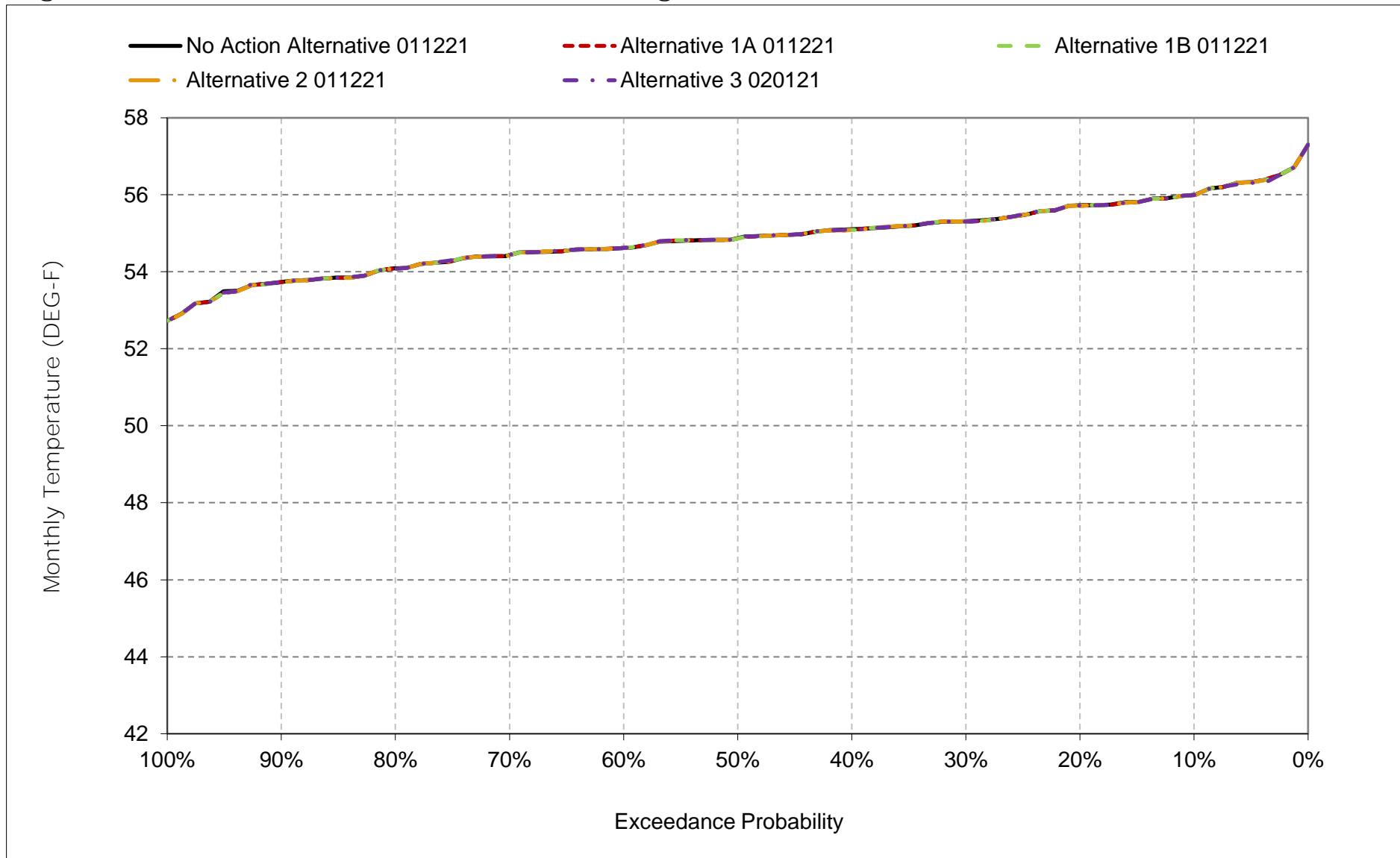


Figure 6C-4-16. Clear Creek at Mouth, July



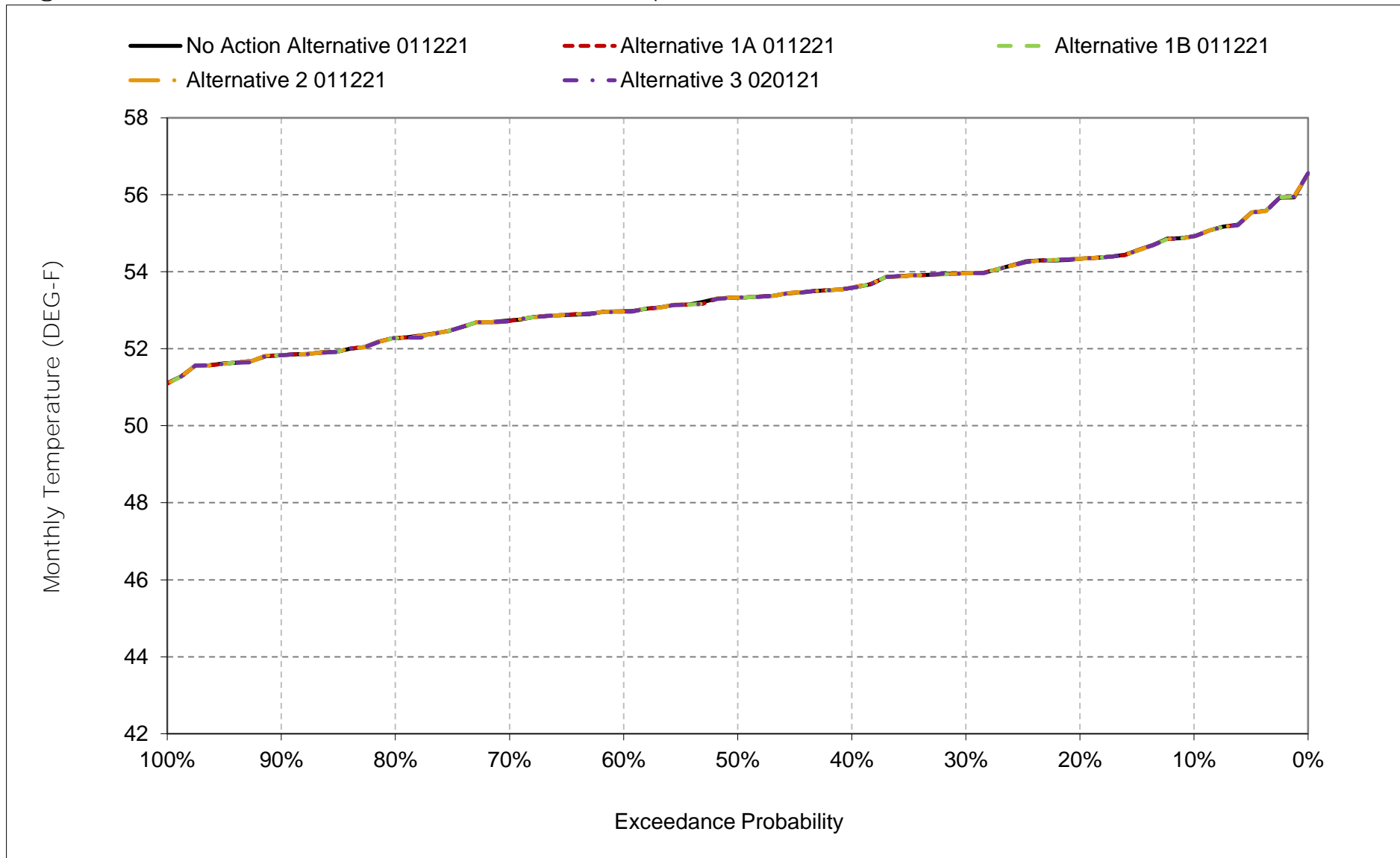
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-4-17. Clear Creek at Mouth, August



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-4-18. Clear Creek at Mouth, September



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-5-1a. Sacramento River below Keswick, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	54.3	54.6	52.8	49.2	48.0	49.3	52.8	52.9	53.2	50.7	51.2	52.6
20%	52.6	54.4	52.4	48.8	47.3	48.7	52.1	52.4	51.1	50.5	50.9	51.7
30%	52.1	54.3	52.2	48.1	47.1	48.4	51.7	51.9	50.7	50.3	50.8	51.0
40%	51.7	54.1	51.8	47.7	46.6	48.0	51.2	51.4	50.6	50.2	50.6	50.7
50%	51.6	54.0	51.3	47.4	46.4	47.6	50.7	51.1	50.5	50.1	50.5	50.4
60%	51.5	53.8	51.0	47.1	45.6	47.2	50.4	50.8	50.4	49.9	50.4	50.1
70%	51.4	53.7	50.8	46.7	45.3	46.9	50.2	50.4	50.3	49.8	50.3	49.6
80%	51.3	53.5	50.4	46.3	44.9	46.5	49.7	50.2	50.1	49.7	50.1	49.4
90%	51.0	53.2	49.6	46.0	44.3	46.0	49.2	49.7	50.1	49.5	50.0	49.2
Long Term												
Full Simulation Period <sup>a</sup>	52.2	54.0	51.4	47.5	46.2	47.7	51.0	51.2	50.9	50.1	50.7	50.8
Water Year Types <sup>b,c</sup>												
Wet (32%)	51.5	54.1	51.8	46.7	45.2	46.7	50.2	50.5	50.6	50.0	50.3	49.7
Above Normal (15%)	51.5	53.7	51.1	47.4	45.7	47.2	50.9	50.8	50.4	49.8	50.3	49.9
Below Normal (17%)	51.8	53.7	50.9	47.5	46.0	47.8	51.1	51.0	50.4	49.8	50.5	50.6
Dry (22%)	51.9	53.9	51.1	48.1	47.0	48.4	52.1	51.9	50.6	50.2	50.7	51.1
Critical (15%)	55.3	54.7	51.7	48.5	47.7	48.8	50.8	52.3	53.3	50.9	51.8	53.7

Table 6C-5-1b. Sacramento River below Keswick, Alternative 1A 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	54.3	54.5	52.8	49.2	48.0	49.3	52.8	53.0	53.5	50.7	51.2	52.7
20%	52.6	54.4	52.4	48.9	47.4	48.9	52.1	52.4	51.2	50.4	51.0	51.6
30%	52.0	54.2	52.1	48.1	47.1	48.4	51.8	52.0	50.8	50.3	50.8	51.1
40%	51.7	54.1	51.8	47.7	46.6	48.0	51.3	51.4	50.7	50.1	50.6	50.7
50%	51.6	54.0	51.3	47.4	46.3	47.6	50.7	51.2	50.5	50.0	50.5	50.3
60%	51.5	53.8	51.0	47.1	45.6	47.2	50.4	50.8	50.4	49.9	50.4	50.1
70%	51.4	53.7	50.8	46.7	45.3	46.9	50.2	50.4	50.3	49.8	50.3	49.6
80%	51.3	53.5	50.4	46.3	44.9	46.5	49.7	50.3	50.1	49.7	50.1	49.4
90%	51.0	53.2	49.6	46.0	44.3	46.0	49.2	49.7	50.1	49.5	50.0	49.2
Long Term												
Full Simulation Period <sup>a</sup>	52.2	54.0	51.4	47.5	46.2	47.7	51.0	51.3	51.0	50.1	50.6	50.7
Water Year Types <sup>b,c</sup>												
Wet (32%)	51.5	54.1	51.8	46.7	45.2	46.7	50.2	50.6	50.6	50.0	50.3	49.7
Above Normal (15%)	51.5	53.7	51.2	47.4	45.7	47.2	50.9	50.8	50.4	49.8	50.3	49.8
Below Normal (17%)	51.8	53.7	50.9	47.5	46.0	47.8	51.1	51.1	50.4	49.8	50.5	50.6
Dry (22%)	51.9	53.9	51.1	48.1	47.0	48.4	52.2	52.0	50.7	50.2	50.7	51.0
Critical (15%)	55.3	54.6	51.7	48.4	47.7	48.8	50.7	52.4	53.4	50.8	51.7	53.6

Table 6C-5-1c. Sacramento River below Keswick, Alternative 1A 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	-0.1	-0.1	0.0	0.0	0.0	-0.1	0.1	0.2	0.0	0.0	0.0
20%	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.1	0.0	0.0	0.0
30%	-0.1	0.0	-0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	-0.1	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	-0.1
Critical (15%)	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	-0.1	-0.1

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-5-2a. Sacramento River below Keswick, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	54.3	54.6	52.8	49.2	48.0	49.3	52.8	52.9	53.2	50.7	51.2	52.6
20%	52.6	54.4	52.4	48.8	47.3	48.7	52.1	52.4	51.1	50.5	50.9	51.7
30%	52.1	54.3	52.2	48.1	47.1	48.4	51.7	51.9	50.7	50.3	50.8	51.0
40%	51.7	54.1	51.8	47.7	46.6	48.0	51.2	51.4	50.6	50.2	50.6	50.7
50%	51.6	54.0	51.3	47.4	46.4	47.6	50.7	51.1	50.5	50.1	50.5	50.4
60%	51.5	53.8	51.0	47.1	45.6	47.2	50.4	50.8	50.4	49.9	50.4	50.1
70%	51.4	53.7	50.8	46.7	45.3	46.9	50.2	50.4	50.3	49.8	50.3	49.6
80%	51.3	53.5	50.4	46.3	44.9	46.5	49.7	50.2	50.1	49.7	50.1	49.4
90%	51.0	53.2	49.6	46.0	44.3	46.0	49.2	49.7	50.1	49.5	50.0	49.2
Long Term												
Full Simulation Period <sup>a</sup>	52.2	54.0	51.4	47.5	46.2	47.7	51.0	51.2	50.9	50.1	50.7	50.8
Water Year Types <sup>b,c</sup>												
Wet (32%)	51.5	54.1	51.8	46.7	45.2	46.7	50.2	50.5	50.6	50.0	50.3	49.7
Above Normal (15%)	51.5	53.7	51.1	47.4	45.7	47.2	50.9	50.8	50.4	49.8	50.3	49.9
Below Normal (17%)	51.8	53.7	50.9	47.5	46.0	47.8	51.1	51.0	50.4	49.8	50.5	50.6
Dry (22%)	51.9	53.9	51.1	48.1	47.0	48.4	52.1	51.9	50.6	50.2	50.7	51.1
Critical (15%)	55.3	54.7	51.7	48.5	47.7	48.8	50.8	52.3	53.3	50.9	51.8	53.7

Table 6C-5-2b. Sacramento River below Keswick, Alternative 1B 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	54.3	54.5	52.8	49.1	48.0	49.3	52.8	53.0	53.4	50.7	51.2	52.8
20%	52.5	54.4	52.4	48.9	47.4	48.9	52.1	52.5	51.2	50.5	51.0	51.6
30%	52.0	54.3	52.2	48.1	47.1	48.4	51.7	51.9	50.8	50.3	50.7	51.0
40%	51.8	54.1	51.8	47.7	46.7	48.0	51.3	51.4	50.7	50.2	50.6	50.7
50%	51.6	54.0	51.3	47.4	46.3	47.7	50.7	51.2	50.5	50.1	50.6	50.3
60%	51.5	53.9	51.0	47.1	45.6	47.3	50.4	50.8	50.4	50.0	50.4	50.0
70%	51.4	53.7	50.7	46.7	45.2	46.9	50.2	50.5	50.3	49.8	50.3	49.5
80%	51.2	53.6	50.5	46.3	44.9	46.5	49.7	50.3	50.2	49.7	50.1	49.3
90%	51.0	53.2	49.8	46.0	44.3	46.0	49.2	49.7	50.0	49.5	50.0	49.2
Long Term												
Full Simulation Period <sup>a</sup>	52.2	54.0	51.4	47.5	46.2	47.7	51.0	51.3	51.0	50.1	50.6	50.7
Water Year Types <sup>b,c</sup>												
Wet (32%)	51.5	54.0	51.8	46.7	45.2	46.7	50.2	50.6	50.6	50.0	50.3	49.7
Above Normal (15%)	51.5	53.6	51.1	47.4	45.7	47.2	50.9	50.8	50.5	49.8	50.3	49.7
Below Normal (17%)	51.8	53.7	50.9	47.5	46.0	47.8	51.1	51.2	50.4	49.9	50.5	50.5
Dry (22%)	51.9	53.9	51.1	48.1	47.0	48.4	52.2	51.9	50.6	50.2	50.7	51.0
Critical (15%)	55.3	54.7	51.7	48.4	47.7	48.8	50.7	52.4	53.4	50.8	51.6	53.6

Table 6C-5-2c. Sacramento River below Keswick, Alternative 1B 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	0.0	-0.1	-0.1	0.0	0.0	-0.1	0.1	0.2	0.0	0.0	0.2
20%	-0.2	0.0	0.0	0.1	0.1	0.2	0.0	0.1	0.1	0.0	0.0	-0.1
30%	-0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	-0.1
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.1
70%	0.0	0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
80%	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	-0.1
90%	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	-0.1
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	-0.1
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	-0.1
Critical (15%)	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	-0.2	-0.2

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-5-3a. Sacramento River below Keswick, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	54.3	54.6	52.8	49.2	48.0	49.3	52.8	52.9	53.2	50.7	51.2	52.6
20%	52.6	54.4	52.4	48.8	47.3	48.7	52.1	52.4	51.1	50.5	50.9	51.7
30%	52.1	54.3	52.2	48.1	47.1	48.4	51.7	51.9	50.7	50.3	50.8	51.0
40%	51.7	54.1	51.8	47.7	46.6	48.0	51.2	51.4	50.6	50.2	50.6	50.7
50%	51.6	54.0	51.3	47.4	46.4	47.6	50.7	51.1	50.5	50.1	50.5	50.4
60%	51.5	53.8	51.0	47.1	45.6	47.2	50.4	50.8	50.4	49.9	50.4	50.1
70%	51.4	53.7	50.8	46.7	45.3	46.9	50.2	50.4	50.3	49.8	50.3	49.6
80%	51.3	53.5	50.4	46.3	44.9	46.5	49.7	50.2	50.1	49.7	50.1	49.4
90%	51.0	53.2	49.6	46.0	44.3	46.0	49.2	49.7	50.1	49.5	50.0	49.2
Long Term												
Full Simulation Period <sup>a</sup>	52.2	54.0	51.4	47.5	46.2	47.7	51.0	51.2	50.9	50.1	50.7	50.8
Water Year Types <sup>b,c</sup>												
Wet (32%)	51.5	54.1	51.8	46.7	45.2	46.7	50.2	50.5	50.6	50.0	50.3	49.7
Above Normal (15%)	51.5	53.7	51.1	47.4	45.7	47.2	50.9	50.8	50.4	49.8	50.3	49.9
Below Normal (17%)	51.8	53.7	50.9	47.5	46.0	47.8	51.1	51.0	50.4	49.8	50.5	50.6
Dry (22%)	51.9	53.9	51.1	48.1	47.0	48.4	52.1	51.9	50.6	50.2	50.7	51.1
Critical (15%)	55.3	54.7	51.7	48.5	47.7	48.8	50.8	52.3	53.3	50.9	51.8	53.7

Table 6C-5-3b. Sacramento River below Keswick, Alternative 2 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	54.3	54.6	52.8	49.2	48.0	49.3	52.8	53.0	53.5	50.7	51.2	52.6
20%	52.6	54.4	52.4	48.9	47.4	48.9	52.1	52.4	51.2	50.4	51.0	51.6
30%	52.0	54.2	52.1	48.1	47.1	48.4	51.7	52.0	50.8	50.3	50.8	51.1
40%	51.7	54.1	51.8	47.7	46.6	48.0	51.4	51.4	50.7	50.1	50.6	50.7
50%	51.6	54.0	51.3	47.4	46.3	47.6	50.7	51.1	50.5	50.0	50.5	50.3
60%	51.5	53.8	51.0	47.1	45.6	47.2	50.5	50.9	50.4	49.9	50.4	50.1
70%	51.4	53.7	50.7	46.7	45.3	46.9	50.2	50.4	50.3	49.8	50.3	49.6
80%	51.3	53.5	50.4	46.3	44.9	46.5	49.7	50.3	50.1	49.7	50.1	49.4
90%	51.0	53.2	49.7	46.0	44.3	46.0	49.2	49.7	50.1	49.5	50.0	49.2
Long Term												
Full Simulation Period <sup>a</sup>	52.2	54.0	51.4	47.5	46.2	47.7	51.0	51.3	51.0	50.1	50.6	50.7
Water Year Types <sup>b,c</sup>												
Wet (32%)	51.5	54.0	51.8	46.7	45.2	46.7	50.2	50.6	50.6	50.0	50.3	49.7
Above Normal (15%)	51.5	53.7	51.2	47.4	45.7	47.2	50.9	50.8	50.4	49.8	50.3	49.8
Below Normal (17%)	51.8	53.7	50.9	47.5	46.0	47.8	51.1	51.1	50.4	49.8	50.5	50.6
Dry (22%)	51.9	53.9	51.1	48.1	47.0	48.4	52.2	52.0	50.7	50.2	50.7	51.0
Critical (15%)	55.4	54.8	51.7	48.4	47.6	48.8	50.8	52.4	53.4	50.8	51.6	53.7

Table 6C-5-3c. Sacramento River below Keswick, Alternative 2 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	0.0	-0.1	0.0	0.0	0.0	-0.1	0.1	0.3	0.0	0.0	0.0
20%	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.1	0.0	0.0	0.0
30%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.1	-0.1	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	-0.1
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	-0.1
Critical (15%)	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	-0.2	-0.1

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-5-4a. Sacramento River below Keswick, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	54.3	54.6	52.8	49.2	48.0	49.3	52.8	52.9	53.2	50.7	51.2	52.6
20%	52.6	54.4	52.4	48.8	47.3	48.7	52.1	52.4	51.1	50.5	50.9	51.7
30%	52.1	54.3	52.2	48.1	47.1	48.4	51.7	51.9	50.7	50.3	50.8	51.0
40%	51.7	54.1	51.8	47.7	46.6	48.0	51.2	51.4	50.6	50.2	50.6	50.7
50%	51.6	54.0	51.3	47.4	46.4	47.6	50.7	51.1	50.5	50.1	50.5	50.4
60%	51.5	53.8	51.0	47.1	45.6	47.2	50.4	50.8	50.4	49.9	50.4	50.1
70%	51.4	53.7	50.8	46.7	45.3	46.9	50.2	50.4	50.3	49.8	50.3	49.6
80%	51.3	53.5	50.4	46.3	44.9	46.5	49.7	50.2	50.1	49.7	50.1	49.4
90%	51.0	53.2	49.6	46.0	44.3	46.0	49.2	49.7	50.1	49.5	50.0	49.2
Long Term												
Full Simulation Period <sup>a</sup>	52.2	54.0	51.4	47.5	46.2	47.7	51.0	51.2	50.9	50.1	50.7	50.8
Water Year Types <sup>b,c</sup>												
Wet (32%)	51.5	54.1	51.8	46.7	45.2	46.7	50.2	50.5	50.6	50.0	50.3	49.7
Above Normal (15%)	51.5	53.7	51.1	47.4	45.7	47.2	50.9	50.8	50.4	49.8	50.3	49.9
Below Normal (17%)	51.8	53.7	50.9	47.5	46.0	47.8	51.1	51.0	50.4	49.8	50.5	50.6
Dry (22%)	51.9	53.9	51.1	48.1	47.0	48.4	52.1	51.9	50.6	50.2	50.7	51.1
Critical (15%)	55.3	54.7	51.7	48.5	47.7	48.8	50.8	52.3	53.3	50.9	51.8	53.7

Table 6C-5-4b. Sacramento River below Keswick, Alternative 3 020121, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	54.2	54.5	52.8	49.1	48.0	49.3	52.8	52.8	52.2	50.8	51.2	52.8
20%	52.4	54.4	52.3	48.9	47.4	48.7	52.1	52.2	51.2	50.6	51.0	51.5
30%	51.9	54.2	52.1	48.1	47.1	48.4	51.8	51.9	50.8	50.3	50.8	51.0
40%	51.7	54.1	51.7	47.6	46.6	47.9	51.4	51.4	50.8	50.2	50.7	50.6
50%	51.5	54.0	51.3	47.4	46.3	47.5	50.8	51.2	50.6	50.1	50.6	50.3
60%	51.4	53.8	51.0	47.1	45.6	47.2	50.5	50.9	50.4	50.0	50.5	50.0
70%	51.3	53.7	50.7	46.7	45.2	46.9	50.2	50.4	50.4	49.8	50.4	49.5
80%	51.2	53.5	50.5	46.4	44.9	46.5	49.7	50.3	50.3	49.7	50.1	49.2
90%	51.0	53.2	49.7	46.0	44.3	46.0	49.2	49.7	50.1	49.5	50.0	49.2
Long Term												
Full Simulation Period <sup>a</sup>	52.1	54.0	51.4	47.5	46.2	47.7	51.0	51.2	51.0	50.1	50.7	50.6
Water Year Types <sup>b,c</sup>												
Wet (32%)	51.5	54.0	51.8	46.7	45.2	46.7	50.2	50.6	50.6	50.0	50.3	49.7
Above Normal (15%)	51.4	53.6	51.1	47.4	45.7	47.2	50.9	50.8	50.6	49.9	50.5	49.6
Below Normal (17%)	51.7	53.6	50.8	47.5	46.0	47.8	51.1	51.2	50.6	49.9	50.6	50.5
Dry (22%)	51.9	53.8	51.0	48.1	47.0	48.4	52.3	51.9	50.7	50.2	50.8	51.0
Critical (15%)	55.1	54.7	51.9	48.4	47.6	48.8	50.8	52.2	53.1	50.8	51.5	53.4

Table 6C-5-4c. Sacramento River below Keswick, Alternative 3 020121 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	-0.1	-0.1	-0.1	-0.1	0.0	0.0	-0.1	-0.1	-1.0	0.0	0.0	0.2
20%	-0.3	0.0	-0.1	0.0	0.1	0.0	0.0	-0.1	0.1	0.1	0.1	-0.1
30%	-0.2	0.0	-0.1	0.1	0.0	-0.1	0.1	-0.1	0.1	0.0	0.1	-0.1
40%	0.0	0.0	-0.1	-0.1	0.0	-0.1	0.2	0.0	0.2	0.0	0.1	-0.1
50%	0.0	0.0	0.0	0.0	0.0	-0.1	0.2	0.1	0.1	0.0	0.1	-0.1
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	-0.1
70%	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	0.0	0.0	-0.1
80%	0.0	0.0	0.1	0.0	-0.1	0.0	0.0	0.1	0.2	0.0	0.0	-0.2
90%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.2	-0.3
Below Normal (17%)	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	-0.1
Dry (22%)	0.0	-0.1	-0.1	0.0	0.0	0.0	0.2	0.0	0.1	0.0	0.0	-0.1
Critical (15%)	-0.2	0.0	0.2	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.1	-0.4	-0.4

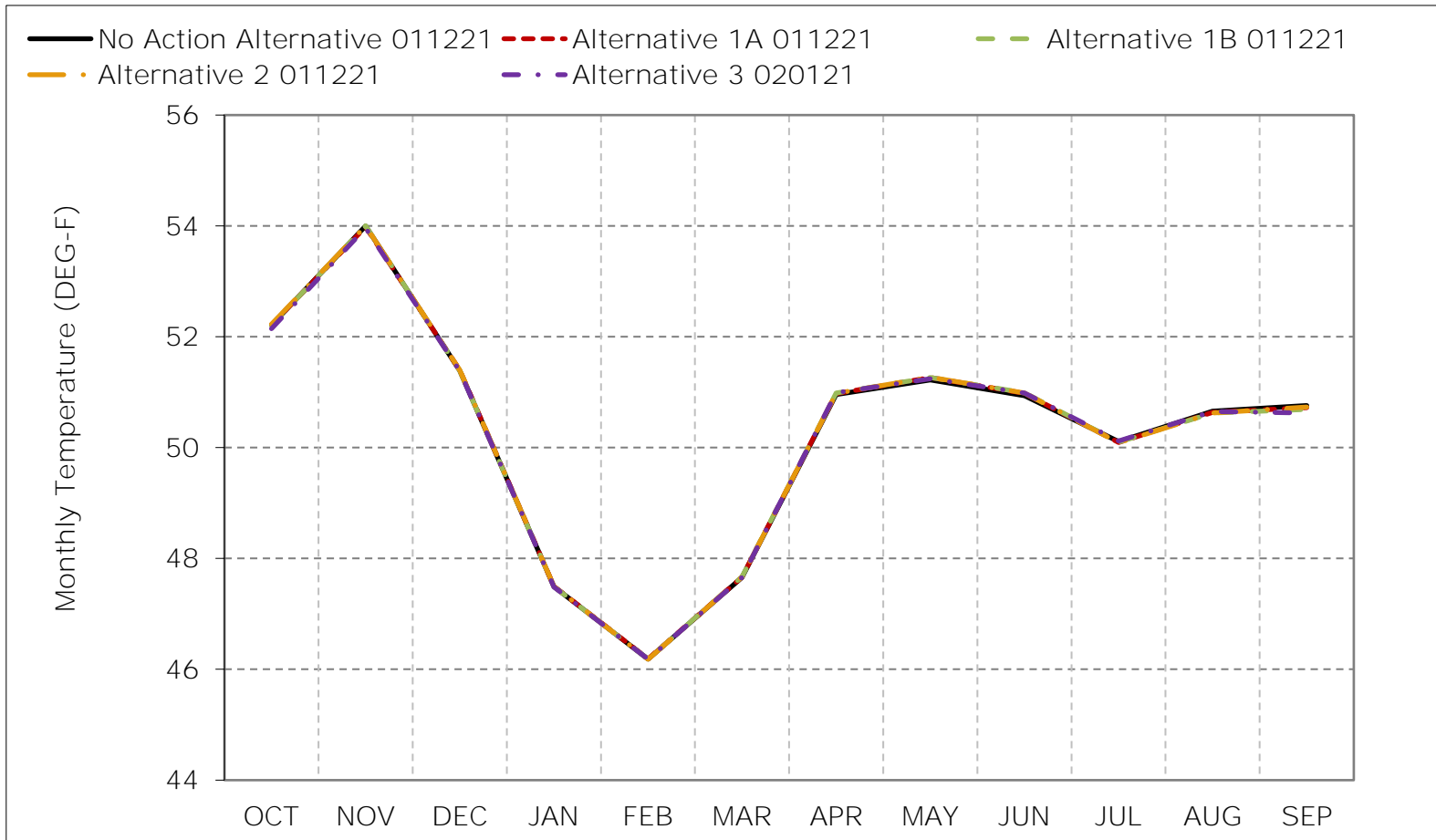
a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-5-1. Sacramento River below Keswick, Long-Term Average Temperature



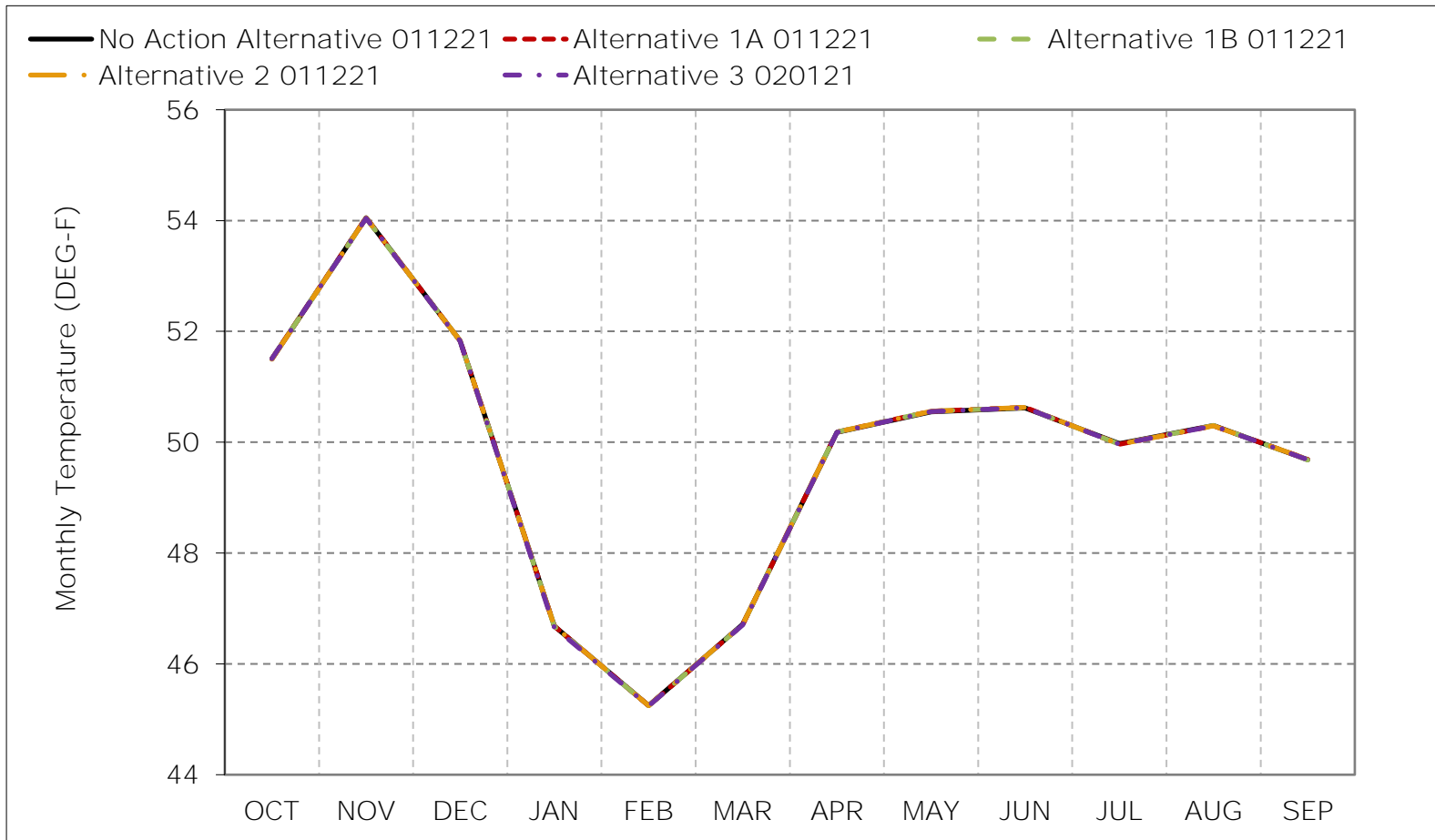
\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.



Figure 6C-5-2. Sacramento River below Keswick, Wet Year Average Temperature

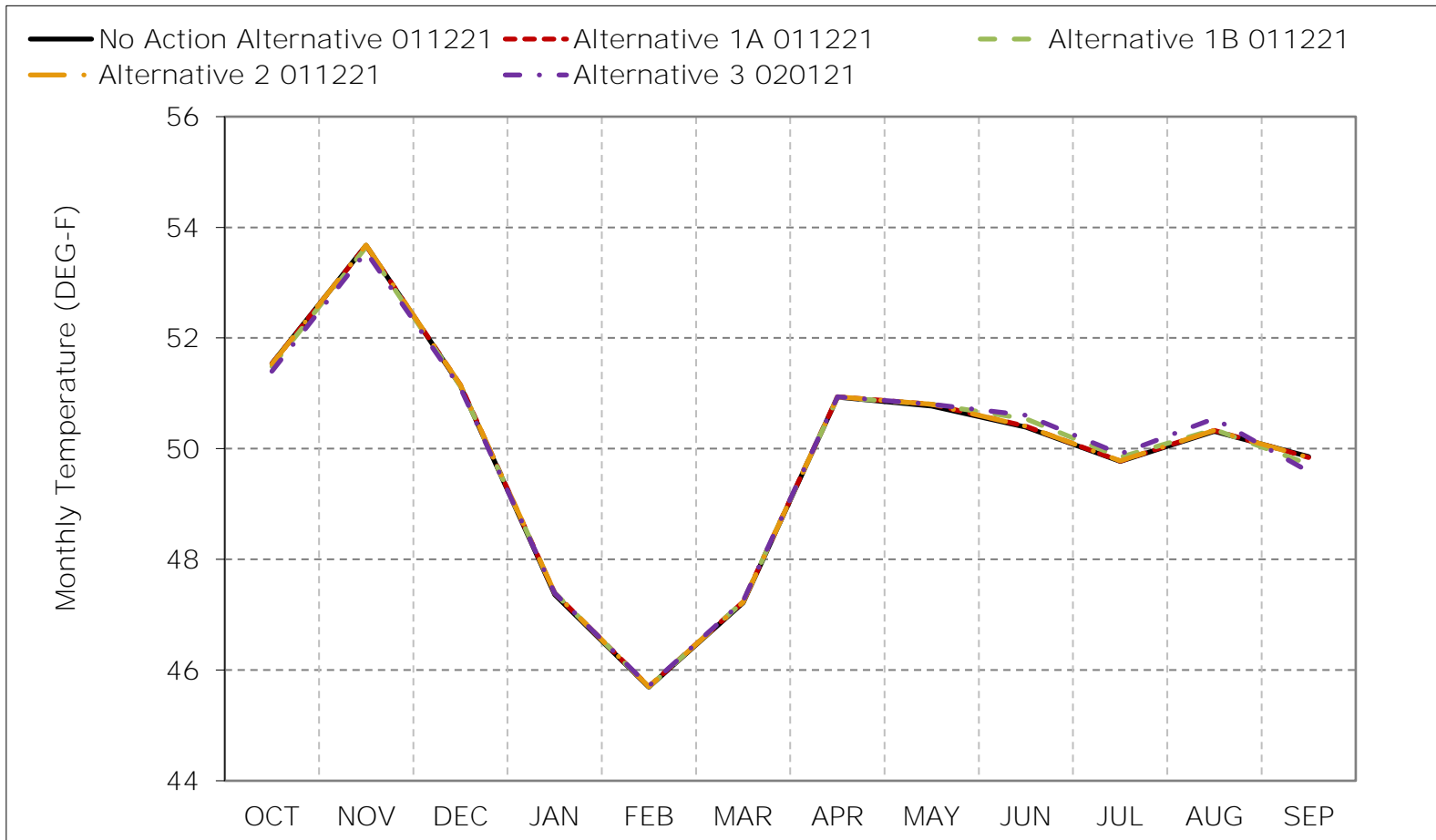


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-5-3. Sacramento River below Keswick, Above Normal Year Average Temperat

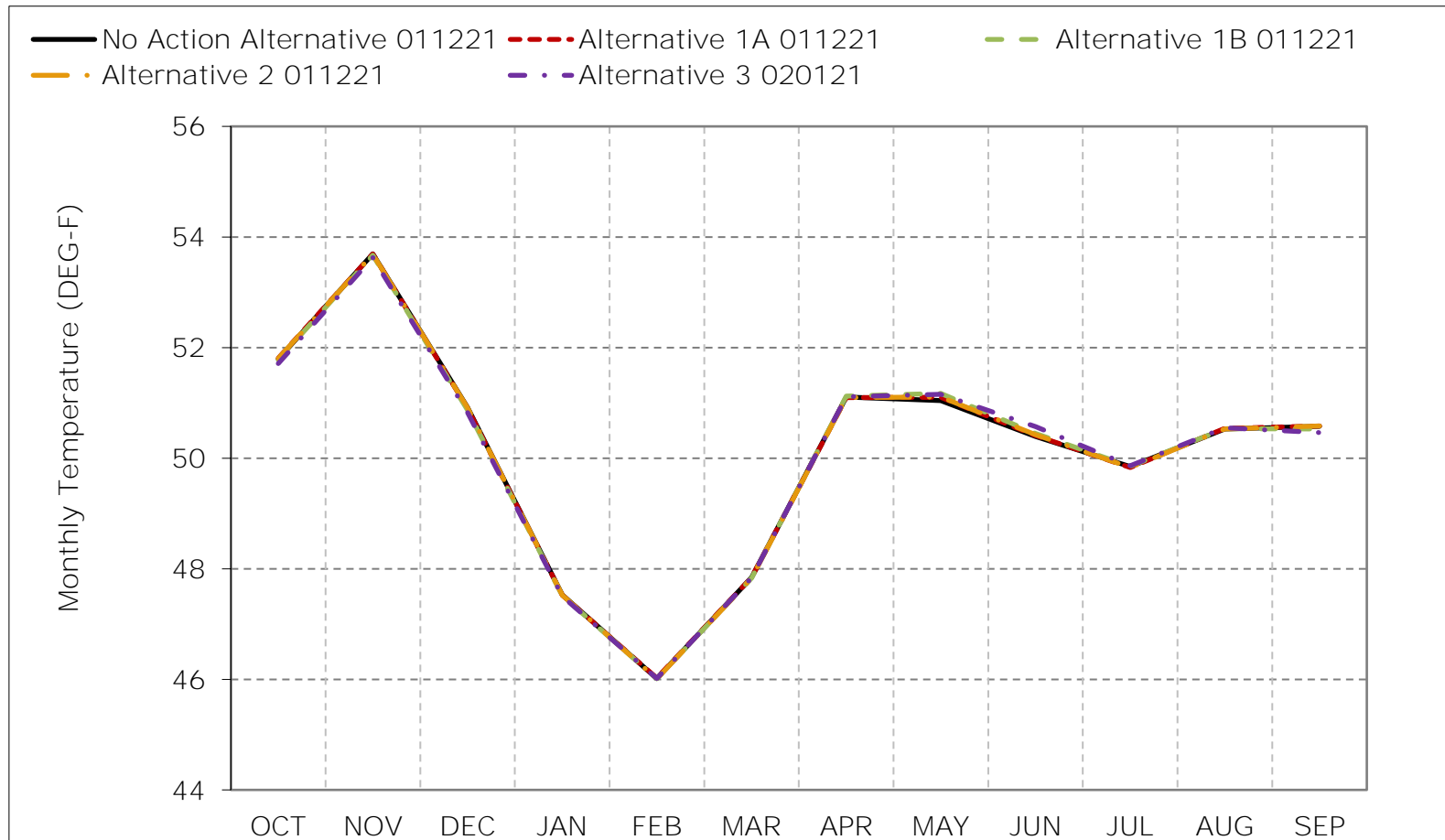


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-5-4. Sacramento River below Keswick, Below Normal Year Average Temperat

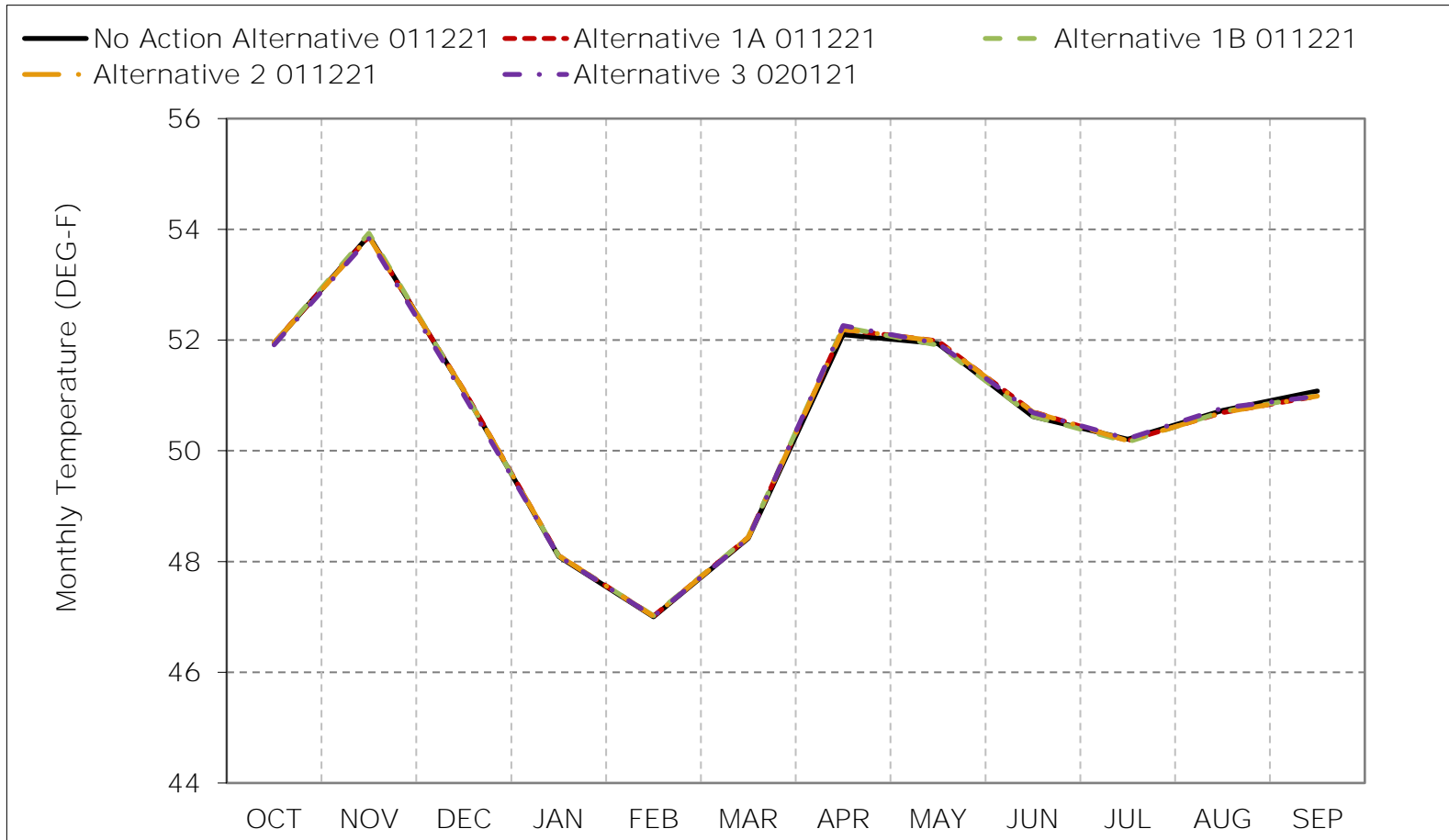


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-5-5. Sacramento River below Keswick, Dry Year Average Temperature

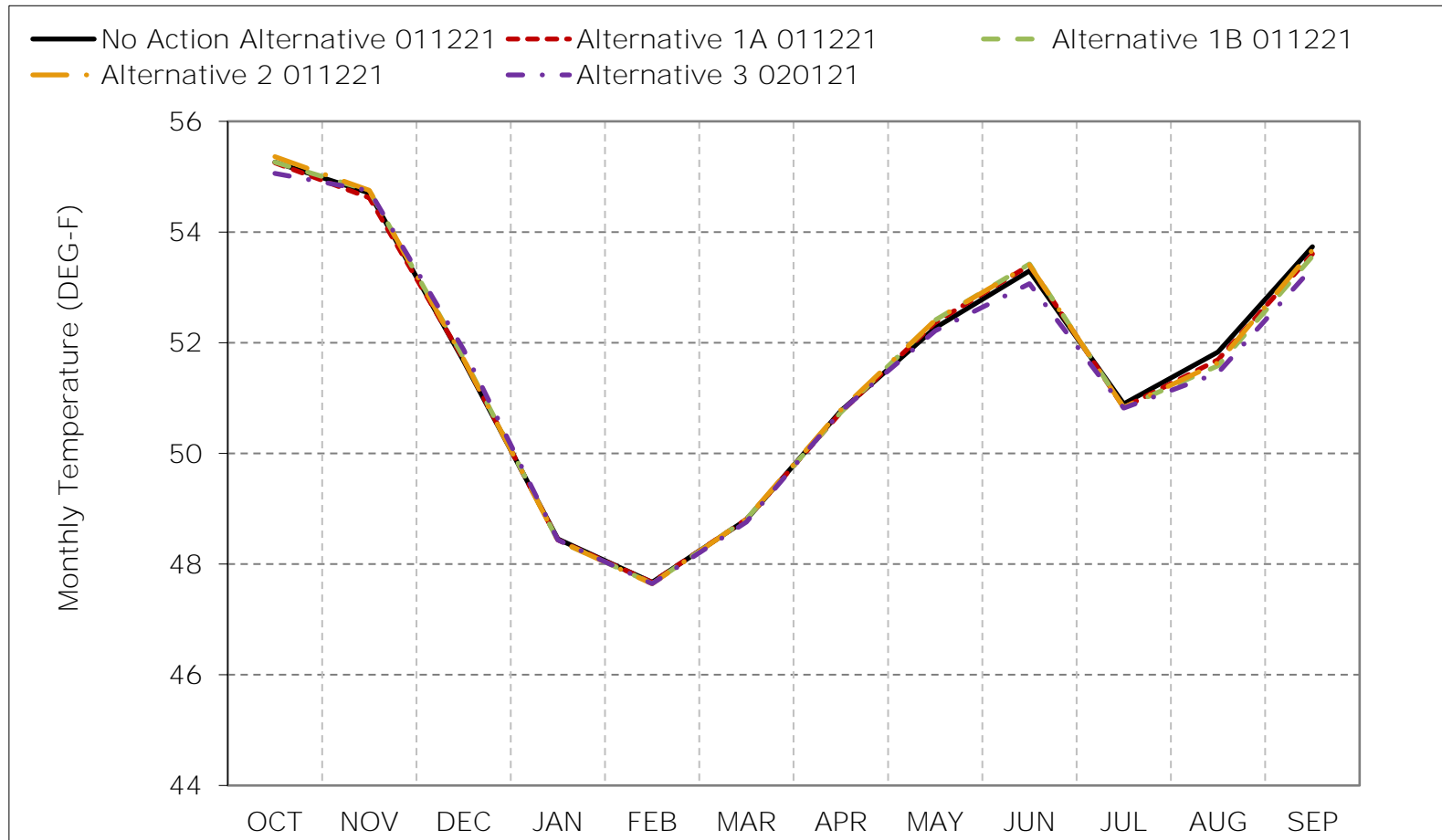


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-5-6. Sacramento River below Keswick, Critical Year Average Temperature

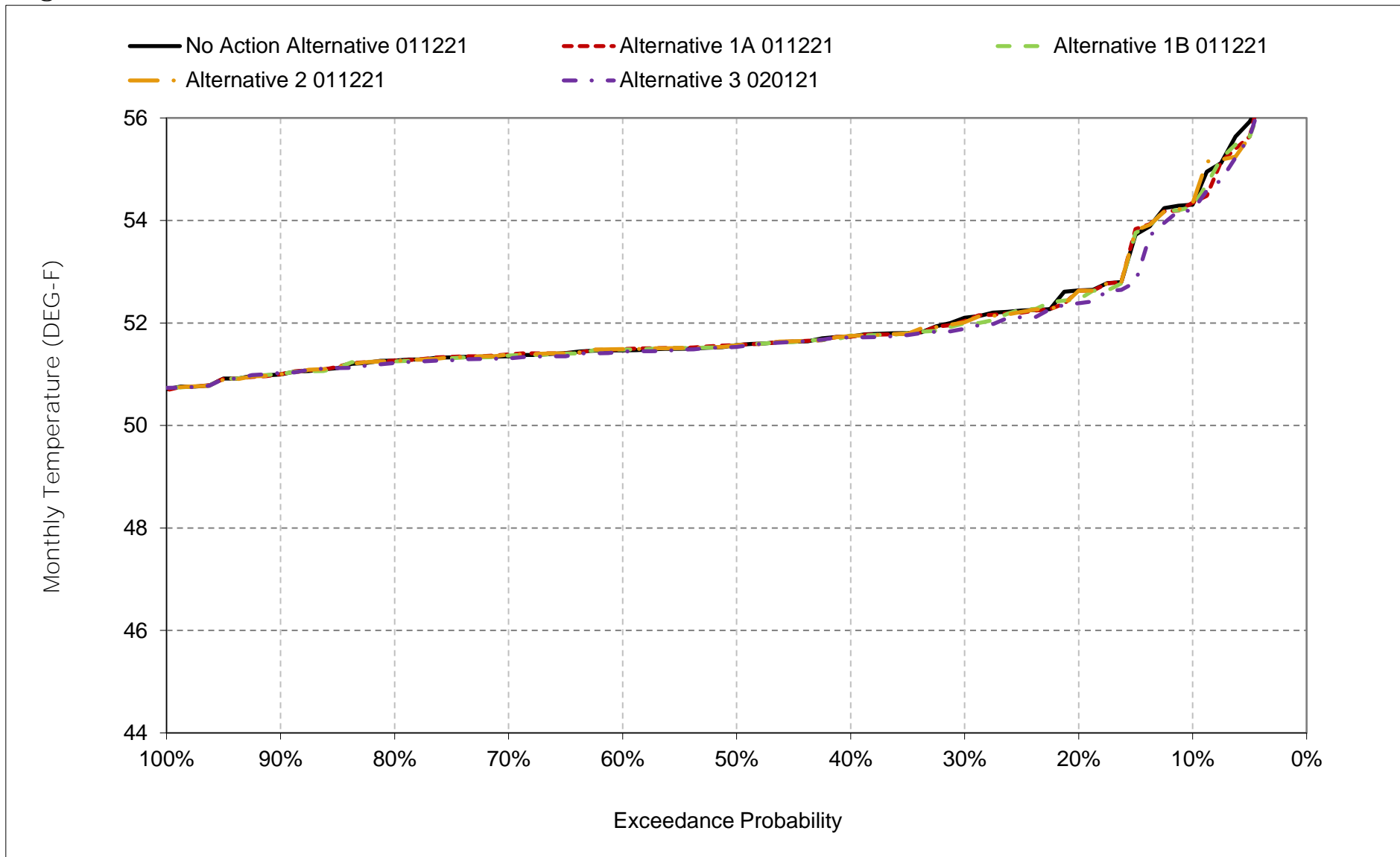


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

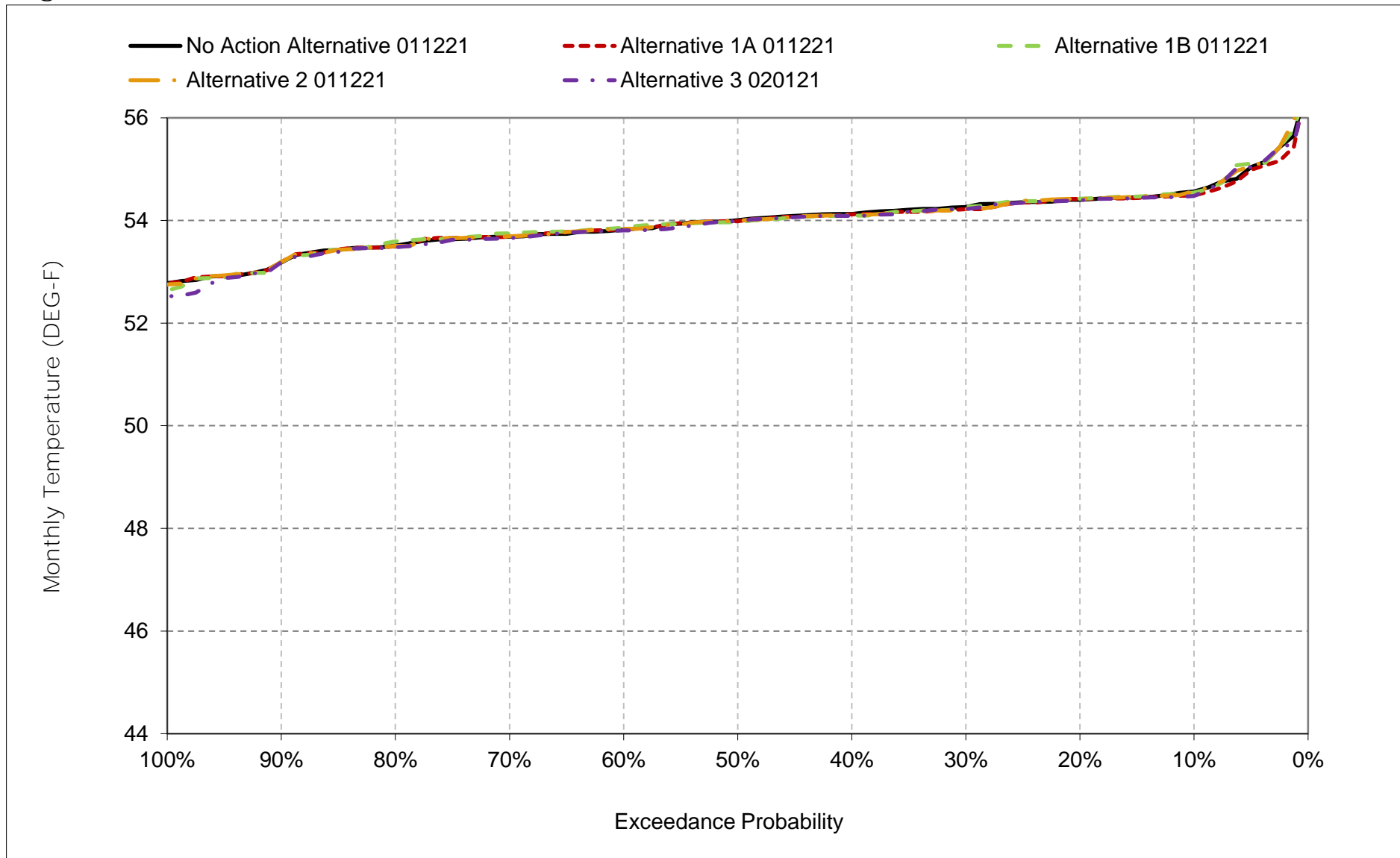
\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-5-7. Sacramento River below Keswick, October



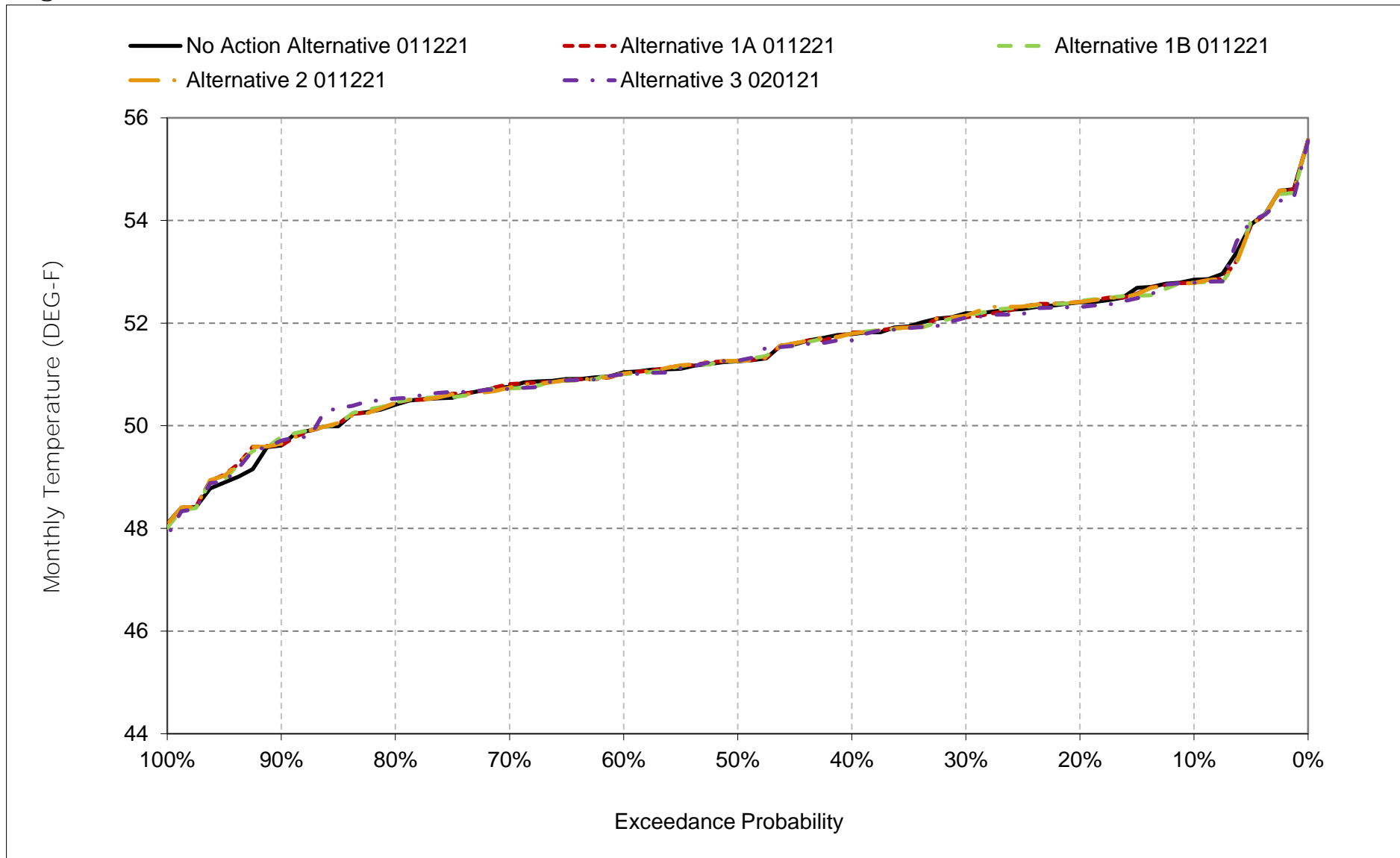
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-5-8. Sacramento River below Keswick, November



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

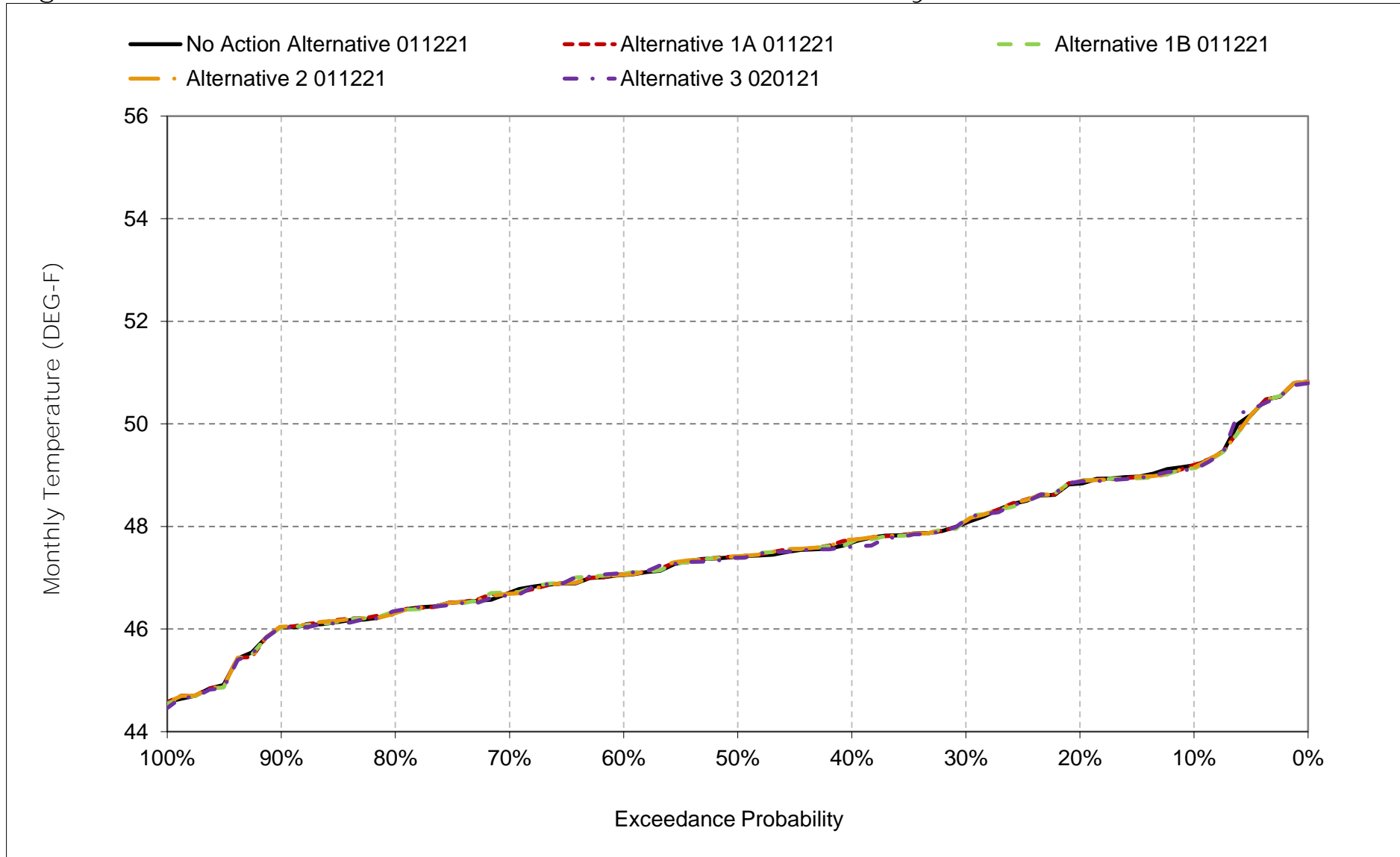
Figure 6C-5-9. Sacramento River below Keswick, December



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

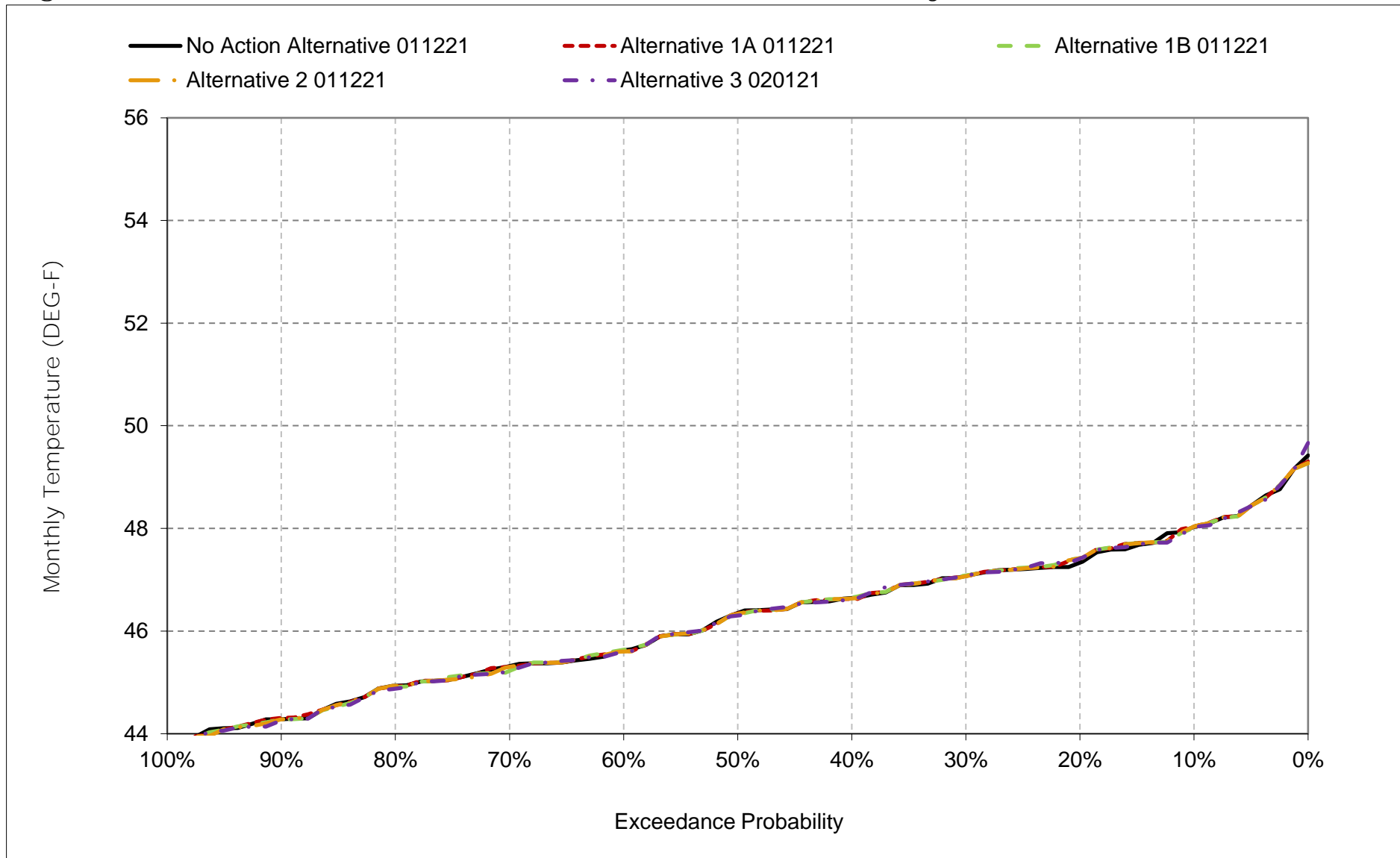


Figure 6C-5-10. Sacramento River below Keswick, January



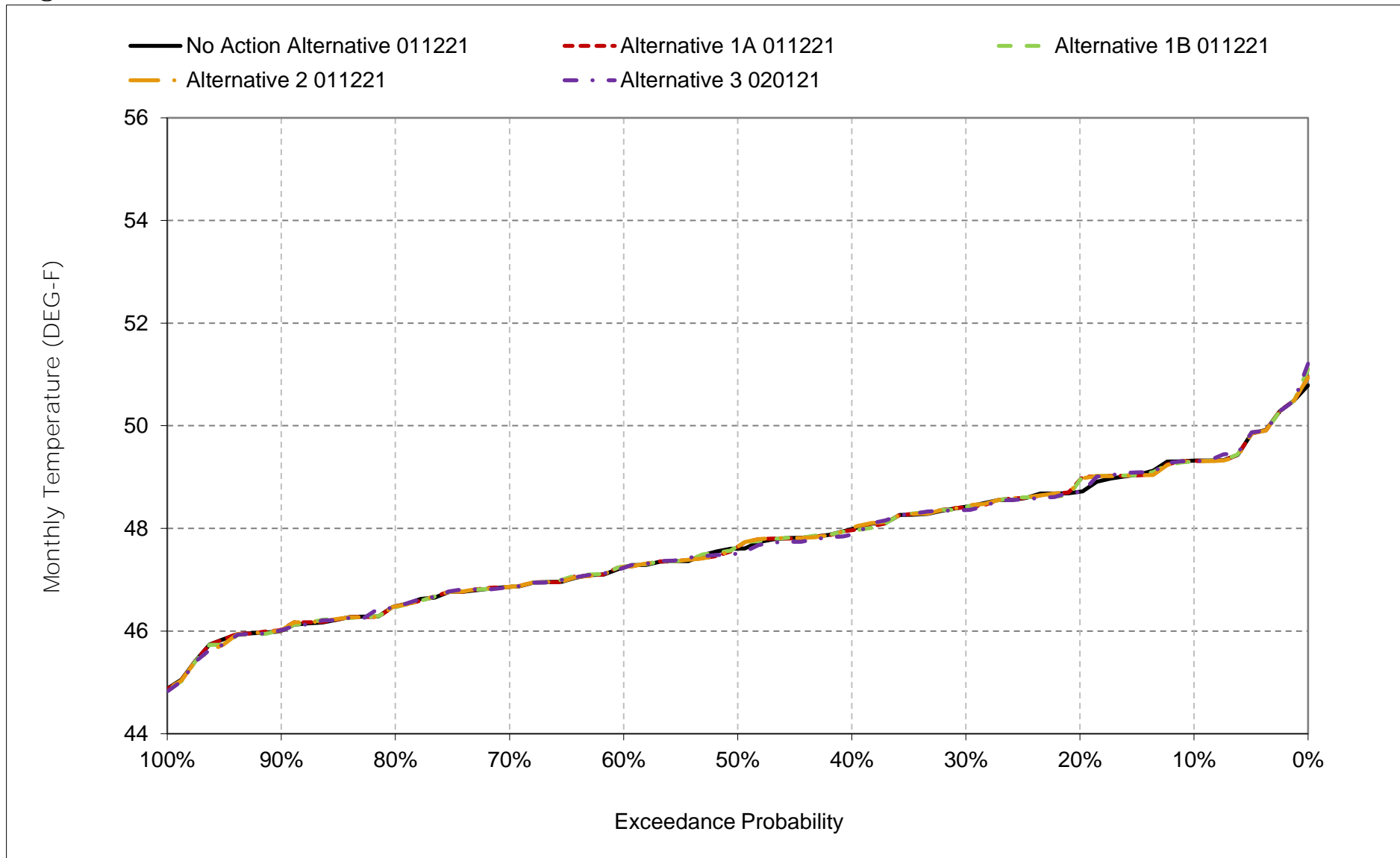
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-5-11. Sacramento River below Keswick, February



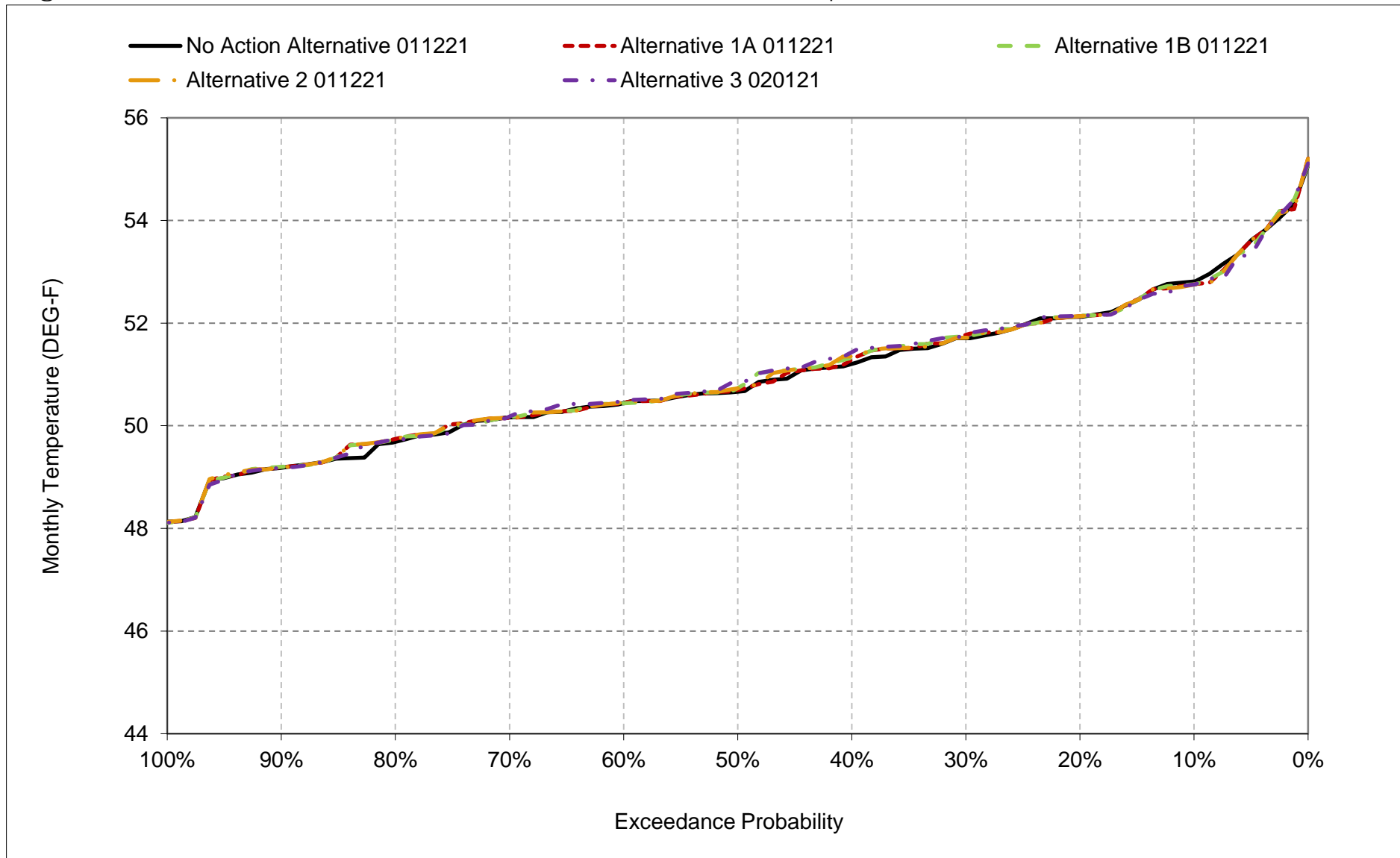
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-5-12. Sacramento River below Keswick, March



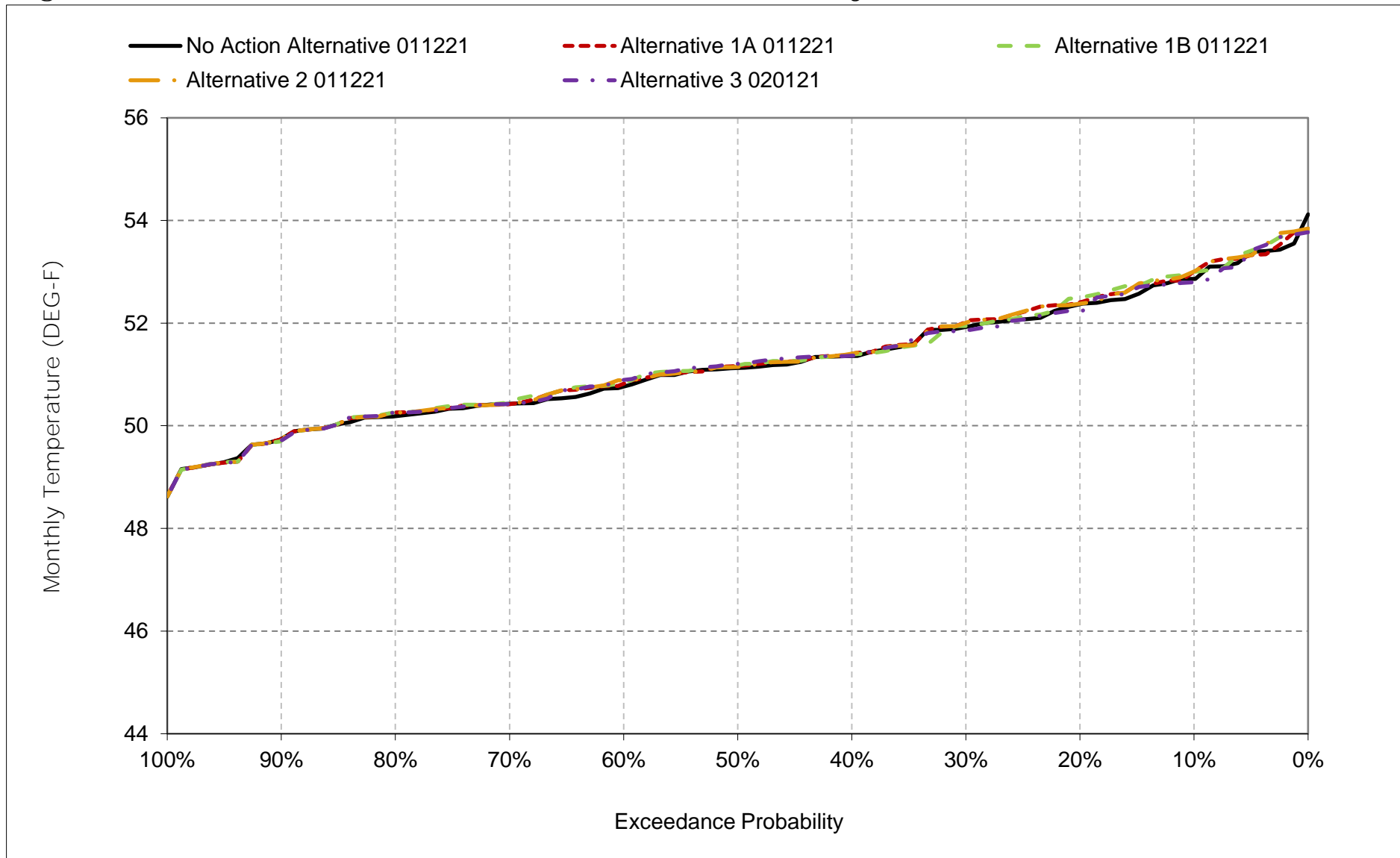
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-5-13. Sacramento River below Keswick, April



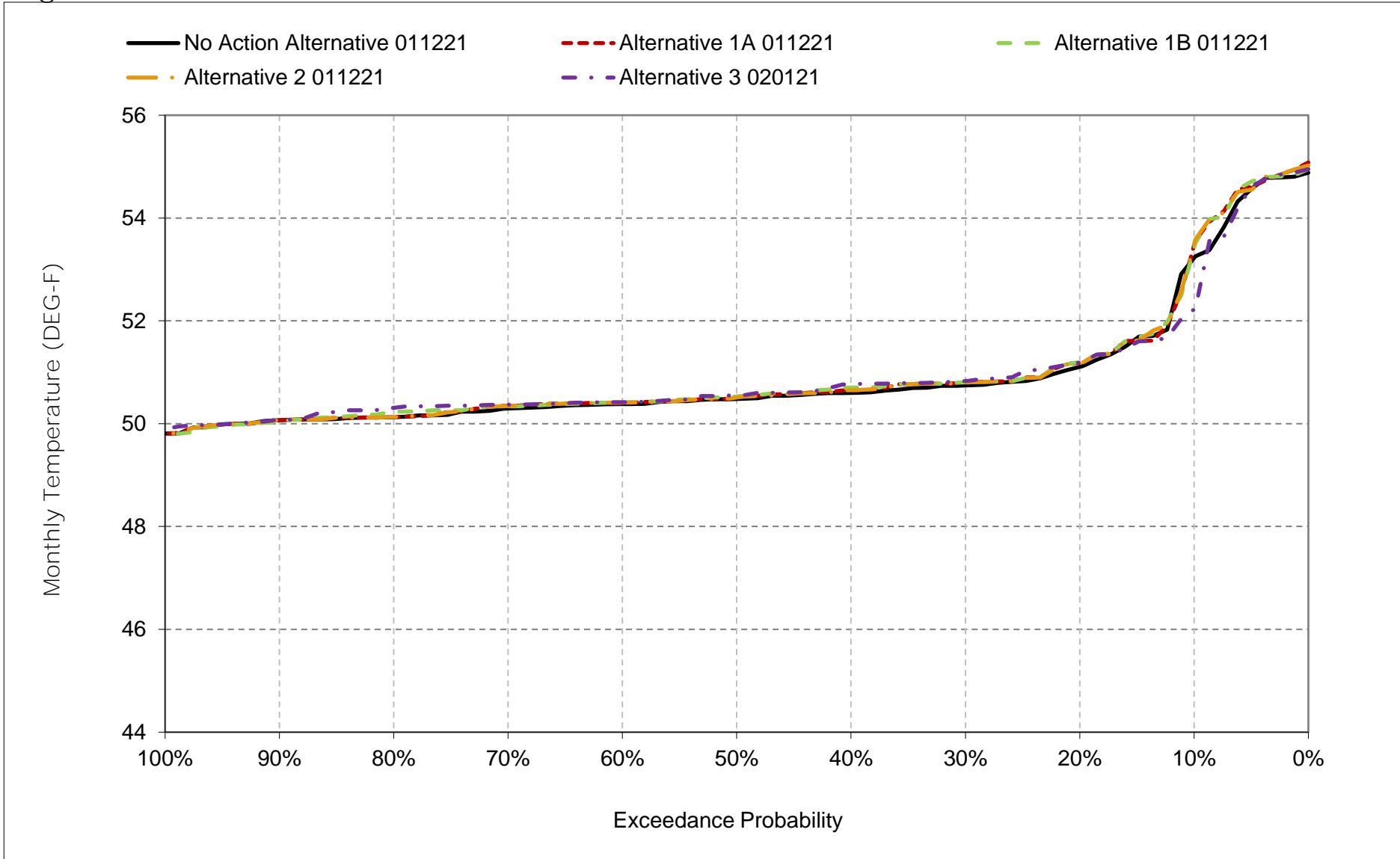
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-5-14. Sacramento River below Keswick, May



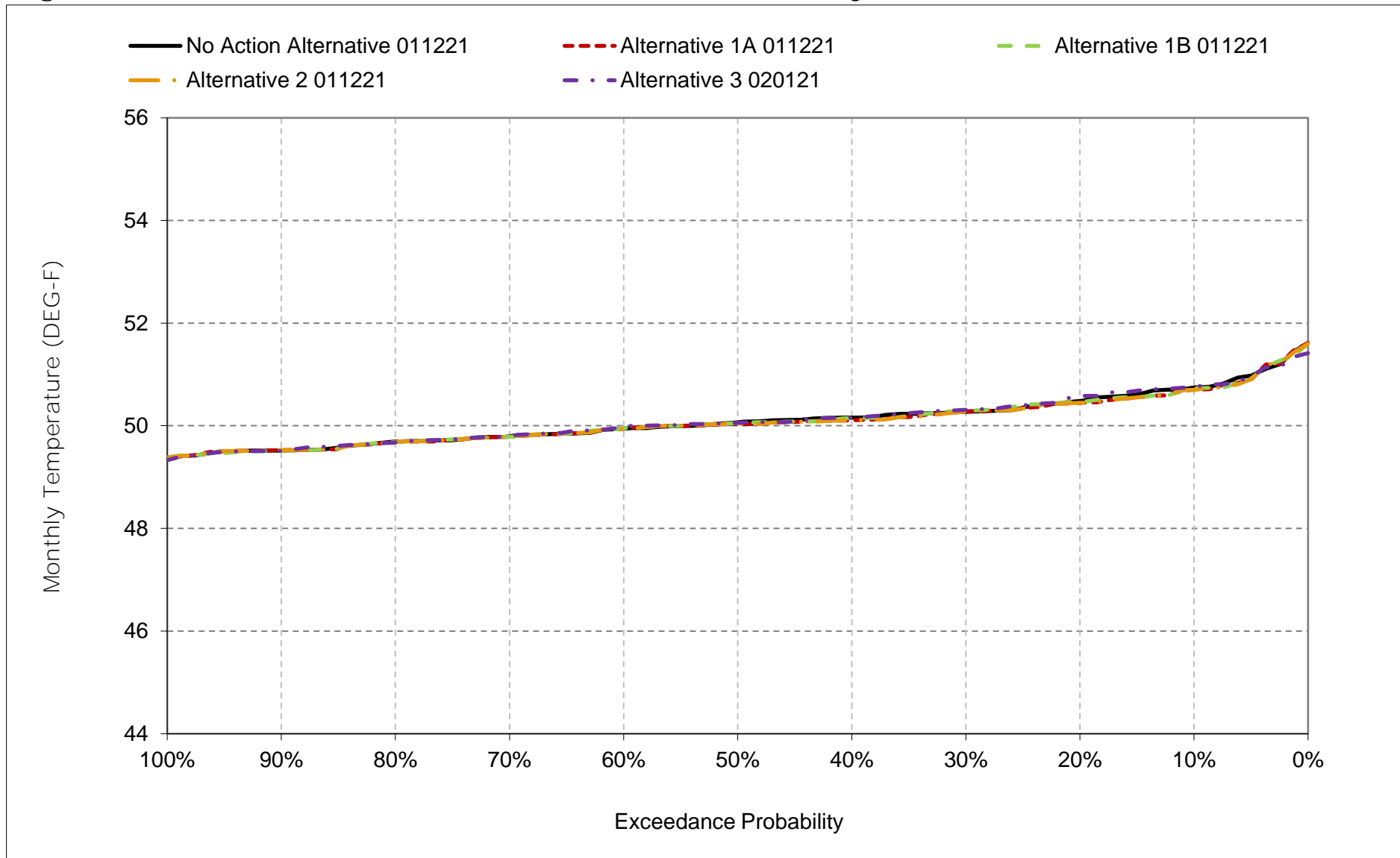
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-5-15. Sacramento River below Keswick, June



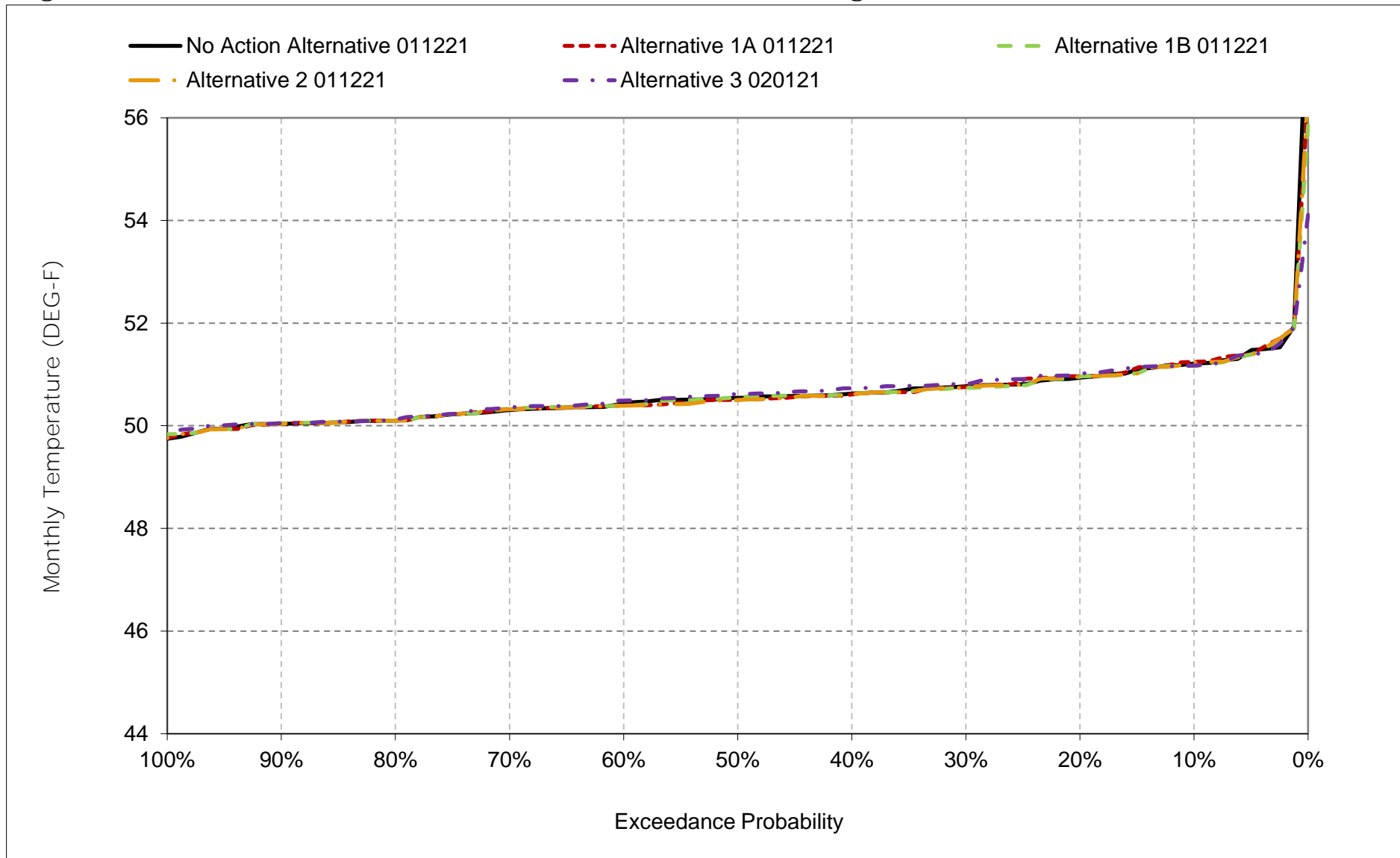
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-5-16. Sacramento River below Keswick, July



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

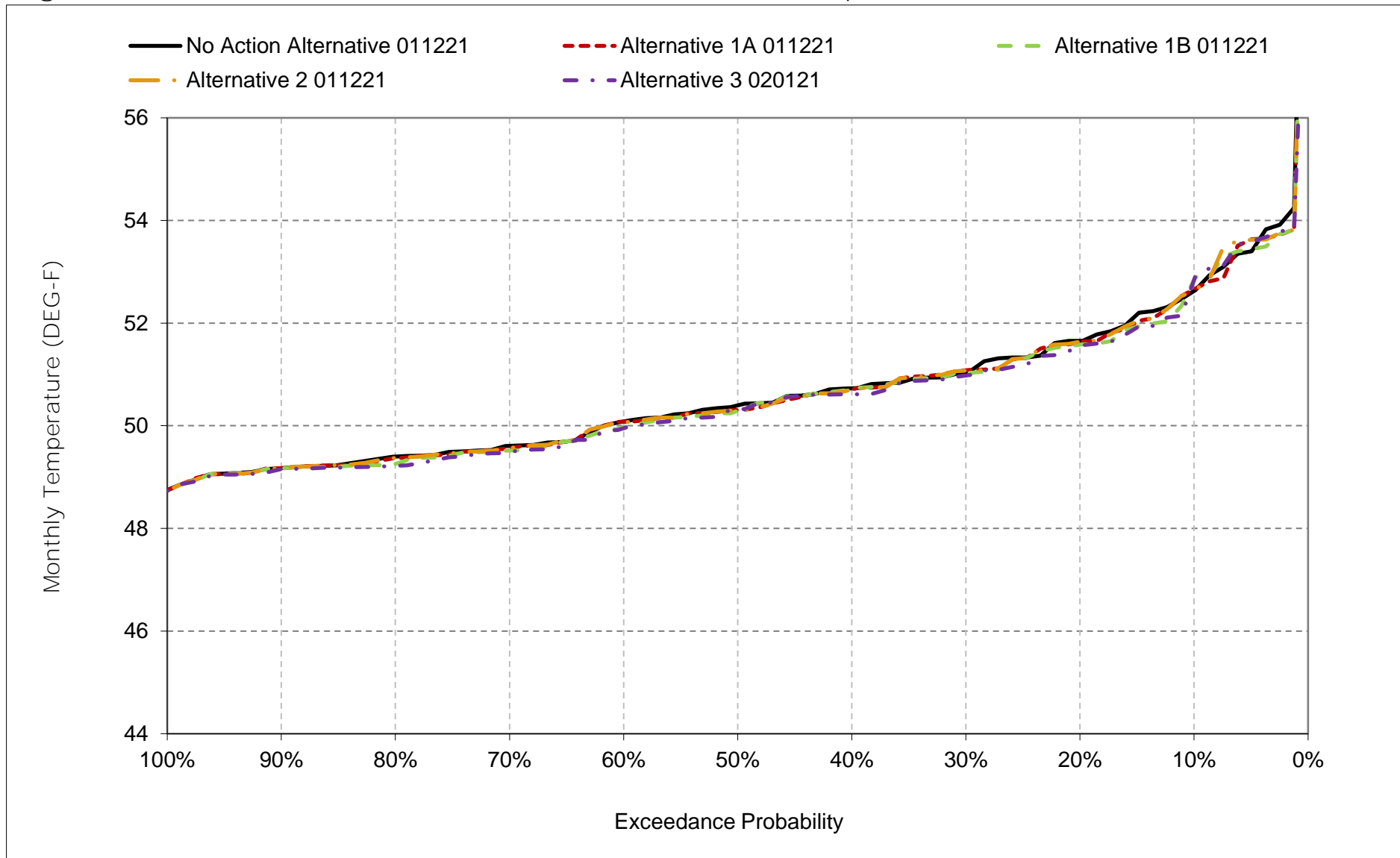
Figure 6C-5-17. Sacramento River below Keswick, August



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.



Figure 6C-5-18. Sacramento River below Keswick, September



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-6-1a. Sacramento River at Clear Creek, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	54.9	54.5	52.4	48.9	48.4	50.2	54.0	54.4	54.7	52.4	53.0	54.4
20%	53.3	54.3	51.9	48.7	48.0	49.9	53.5	53.6	53.0	52.1	52.6	53.4
30%	52.8	54.2	51.6	47.9	47.4	49.4	53.1	53.3	52.4	51.9	52.3	52.8
40%	52.5	53.9	51.4	47.6	47.0	49.0	52.5	52.9	52.1	51.7	52.1	52.4
50%	52.2	53.8	50.9	47.2	46.7	48.5	52.2	52.6	52.0	51.6	52.0	52.0
60%	52.1	53.6	50.5	47.0	46.0	48.1	51.7	52.2	51.8	51.4	51.9	51.3
70%	51.9	53.5	50.4	46.7	45.5	47.6	51.4	51.7	51.7	51.1	51.7	50.8
80%	51.8	53.2	50.1	46.2	45.1	47.0	51.1	51.4	51.4	50.9	51.4	50.4
90%	51.5	53.0	49.5	45.9	44.7	46.5	49.9	50.8	51.3	50.8	51.3	50.2
Long Term												
Full Simulation Period <sup>a</sup>	52.8	53.8	51.0	47.4	46.5	48.5	52.2	52.6	52.4	51.6	52.1	52.2
Water Year Types <sup>b,c</sup>												
Wet (32%)	52.0	53.9	51.4	46.7	45.5	47.2	51.1	51.8	52.2	51.4	51.7	50.8
Above Normal (15%)	52.2	53.5	50.8	47.3	45.9	47.9	52.1	52.2	51.9	51.1	51.7	51.1
Below Normal (17%)	52.4	53.5	50.6	47.4	46.3	48.8	52.5	52.5	51.8	51.2	52.0	52.2
Dry (22%)	52.7	53.7	50.7	47.9	47.5	49.4	53.4	53.3	52.0	51.7	52.3	52.9
Critical (15%)	55.8	54.5	51.2	48.3	48.2	49.9	52.4	53.6	54.7	52.7	53.5	55.5

Table 6C-6-1b. Sacramento River at Clear Creek, Alternative 1A 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	54.9	54.5	52.4	49.0	48.4	50.3	54.0	54.6	54.8	52.3	53.1	54.3
20%	53.3	54.3	51.9	48.7	48.0	49.9	53.5	53.7	53.0	52.1	52.7	53.3
30%	52.8	54.1	51.6	47.9	47.4	49.4	53.1	53.4	52.5	51.9	52.3	52.9
40%	52.4	53.9	51.4	47.7	47.0	48.9	52.6	53.0	52.2	51.6	52.1	52.4
50%	52.2	53.8	51.0	47.2	46.7	48.5	52.3	52.7	52.1	51.5	52.0	51.9
60%	52.1	53.6	50.6	47.0	46.0	48.1	51.8	52.3	51.9	51.3	51.8	51.3
70%	51.9	53.5	50.4	46.7	45.5	47.6	51.5	51.8	51.8	51.1	51.7	50.8
80%	51.8	53.2	50.1	46.2	45.1	47.0	51.1	51.4	51.5	50.9	51.4	50.4
90%	51.4	53.0	49.6	45.9	44.7	46.5	49.9	50.7	51.3	50.8	51.3	50.2
Long Term												
Full Simulation Period <sup>a</sup>	52.8	53.8	51.0	47.4	46.5	48.5	52.2	52.6	52.5	51.6	52.1	52.2
Water Year Types <sup>b,c</sup>												
Wet (32%)	52.0	53.9	51.4	46.7	45.5	47.2	51.1	51.8	52.2	51.4	51.7	50.8
Above Normal (15%)	52.2	53.5	50.8	47.4	45.9	47.9	52.1	52.2	51.9	51.1	51.7	51.1
Below Normal (17%)	52.4	53.5	50.6	47.4	46.3	48.8	52.5	52.6	51.8	51.2	52.0	52.2
Dry (22%)	52.7	53.7	50.7	47.9	47.5	49.5	53.5	53.3	52.1	51.6	52.2	52.8
Critical (15%)	55.8	54.5	51.2	48.3	48.2	49.9	52.3	53.8	54.8	52.7	53.4	55.3

Table 6C-6-1c. Sacramento River at Clear Creek, Alternative 1A 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.2	0.2	-0.1	0.1	-0.1
20%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.1	0.0
30%	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.1
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	-0.1	-0.1
60%	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	-0.1	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	-0.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	-0.1	-0.1
Critical (15%)	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.1	-0.1	-0.1	-0.2

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-6-2a. Sacramento River at Clear Creek, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	54.9	54.5	52.4	48.9	48.4	50.2	54.0	54.4	54.7	52.4	53.0	54.4
20%	53.3	54.3	51.9	48.7	48.0	49.9	53.5	53.6	53.0	52.1	52.6	53.4
30%	52.8	54.2	51.6	47.9	47.4	49.4	53.1	53.3	52.4	51.9	52.3	52.8
40%	52.5	53.9	51.4	47.6	47.0	49.0	52.5	52.9	52.1	51.7	52.1	52.4
50%	52.2	53.8	50.9	47.2	46.7	48.5	52.2	52.6	52.0	51.6	52.0	52.0
60%	52.1	53.6	50.5	47.0	46.0	48.1	51.7	52.2	51.8	51.4	51.9	51.3
70%	51.9	53.5	50.4	46.7	45.5	47.6	51.4	51.7	51.7	51.1	51.7	50.8
80%	51.8	53.2	50.1	46.2	45.1	47.0	51.1	51.4	51.4	50.9	51.4	50.4
90%	51.5	53.0	49.5	45.9	44.7	46.5	49.9	50.8	51.3	50.8	51.3	50.2
Long Term												
Full Simulation Period <sup>a</sup>	52.8	53.8	51.0	47.4	46.5	48.5	52.2	52.6	52.4	51.6	52.1	52.2
Water Year Types <sup>b,c</sup>												
Wet (32%)	52.0	53.9	51.4	46.7	45.5	47.2	51.1	51.8	52.2	51.4	51.7	50.8
Above Normal (15%)	52.2	53.5	50.8	47.3	45.9	47.9	52.1	52.2	51.9	51.1	51.7	51.1
Below Normal (17%)	52.4	53.5	50.6	47.4	46.3	48.8	52.5	52.5	51.8	51.2	52.0	52.2
Dry (22%)	52.7	53.7	50.7	47.9	47.5	49.4	53.4	53.3	52.0	51.7	52.3	52.9
Critical (15%)	55.8	54.5	51.2	48.3	48.2	49.9	52.4	53.6	54.7	52.7	53.5	55.5

Table 6C-6-2b. Sacramento River at Clear Creek, Alternative 1B 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	54.9	54.5	52.4	48.9	48.4	50.3	54.0	54.7	54.8	52.4	52.9	54.5
20%	53.2	54.3	51.9	48.6	48.0	49.9	53.4	53.8	53.1	52.1	52.6	53.3
30%	52.7	54.1	51.7	47.9	47.4	49.4	53.1	53.4	52.5	51.9	52.2	52.8
40%	52.4	53.9	51.3	47.6	47.0	48.9	52.7	53.0	52.2	51.6	52.1	52.4
50%	52.2	53.8	51.0	47.2	46.7	48.4	52.3	52.6	52.1	51.5	52.0	51.9
60%	52.1	53.6	50.7	47.0	46.0	48.1	51.8	52.4	51.9	51.3	51.8	51.2
70%	51.9	53.5	50.3	46.7	45.5	47.6	51.4	51.9	51.8	51.1	51.7	50.7
80%	51.8	53.3	50.1	46.2	45.1	47.0	51.1	51.5	51.6	50.9	51.4	50.4
90%	51.5	53.0	49.5	45.9	44.6	46.5	49.9	50.7	51.3	50.7	51.3	50.2
Long Term												
Full Simulation Period <sup>a</sup>	52.8	53.8	51.0	47.4	46.5	48.5	52.2	52.6	52.5	51.6	52.1	52.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	52.0	53.9	51.4	46.7	45.5	47.2	51.1	51.8	52.2	51.4	51.7	50.8
Above Normal (15%)	52.1	53.4	50.8	47.4	45.9	47.9	52.1	52.2	52.2	51.2	51.7	50.9
Below Normal (17%)	52.4	53.5	50.5	47.4	46.3	48.8	52.5	52.7	51.9	51.2	52.0	52.1
Dry (22%)	52.7	53.7	50.7	47.9	47.5	49.5	53.6	53.3	52.0	51.6	52.3	52.8
Critical (15%)	55.8	54.6	51.3	48.3	48.2	49.9	52.3	53.8	54.8	52.7	53.3	55.3

Table 6C-6-2c. Sacramento River at Clear Creek, Alternative 1B 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.2	0.1	-0.1	-0.1	0.1
20%	-0.1	0.0	0.0	-0.1	0.0	0.1	0.0	0.1	0.1	0.0	0.0	-0.1
30%	-0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	-0.1
60%	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	-0.1
70%	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0
80%	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	-0.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	-0.2
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	-0.1
Dry (22%)	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	0.0	-0.1
Critical (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	-0.1	-0.2	-0.2

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-6-3a. Sacramento River at Clear Creek, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	54.9	54.5	52.4	48.9	48.4	50.2	54.0	54.4	54.7	52.4	53.0	54.4
20%	53.3	54.3	51.9	48.7	48.0	49.9	53.5	53.6	53.0	52.1	52.6	53.4
30%	52.8	54.2	51.6	47.9	47.4	49.4	53.1	53.3	52.4	51.9	52.3	52.8
40%	52.5	53.9	51.4	47.6	47.0	49.0	52.5	52.9	52.1	51.7	52.1	52.4
50%	52.2	53.8	50.9	47.2	46.7	48.5	52.2	52.6	52.0	51.6	52.0	52.0
60%	52.1	53.6	50.5	47.0	46.0	48.1	51.7	52.2	51.8	51.4	51.9	51.3
70%	51.9	53.5	50.4	46.7	45.5	47.6	51.4	51.7	51.7	51.1	51.7	50.8
80%	51.8	53.2	50.1	46.2	45.1	47.0	51.1	51.4	51.4	50.9	51.4	50.4
90%	51.5	53.0	49.5	45.9	44.7	46.5	49.9	50.8	51.3	50.8	51.3	50.2
Long Term												
Full Simulation Period <sup>a</sup>	52.8	53.8	51.0	47.4	46.5	48.5	52.2	52.6	52.4	51.6	52.1	52.2
Water Year Types <sup>b,c</sup>												
Wet (32%)	52.0	53.9	51.4	46.7	45.5	47.2	51.1	51.8	52.2	51.4	51.7	50.8
Above Normal (15%)	52.2	53.5	50.8	47.3	45.9	47.9	52.1	52.2	51.9	51.1	51.7	51.1
Below Normal (17%)	52.4	53.5	50.6	47.4	46.3	48.8	52.5	52.5	51.8	51.2	52.0	52.2
Dry (22%)	52.7	53.7	50.7	47.9	47.5	49.4	53.4	53.3	52.0	51.7	52.3	52.9
Critical (15%)	55.8	54.5	51.2	48.3	48.2	49.9	52.4	53.6	54.7	52.7	53.5	55.5

Table 6C-6-3b. Sacramento River at Clear Creek, Alternative 2 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	54.9	54.5	52.4	49.0	48.4	50.3	54.0	54.8	54.9	52.3	53.0	54.3
20%	53.3	54.3	51.9	48.7	48.0	49.9	53.5	53.7	53.0	52.1	52.7	53.3
30%	52.8	54.1	51.7	47.9	47.4	49.4	53.1	53.4	52.5	51.9	52.3	52.9
40%	52.4	53.9	51.4	47.7	47.0	48.9	52.6	53.0	52.2	51.6	52.1	52.4
50%	52.2	53.8	51.0	47.2	46.7	48.5	52.3	52.6	52.0	51.5	52.0	51.9
60%	52.1	53.6	50.6	47.0	46.0	48.1	51.8	52.3	51.9	51.3	51.8	51.3
70%	51.9	53.5	50.3	46.7	45.5	47.6	51.5	51.8	51.8	51.1	51.7	50.8
80%	51.8	53.2	50.1	46.3	45.1	47.0	51.1	51.4	51.5	50.9	51.4	50.4
90%	51.5	53.0	49.6	45.9	44.7	46.5	49.9	50.8	51.3	50.8	51.3	50.2
Long Term												
Full Simulation Period <sup>a</sup>	52.8	53.8	51.0	47.4	46.5	48.5	52.2	52.6	52.5	51.6	52.1	52.2
Water Year Types <sup>b,c</sup>												
Wet (32%)	52.0	53.9	51.4	46.7	45.5	47.2	51.1	51.8	52.2	51.4	51.7	50.8
Above Normal (15%)	52.1	53.5	50.8	47.4	45.9	47.9	52.1	52.2	51.9	51.1	51.7	51.1
Below Normal (17%)	52.4	53.5	50.6	47.4	46.3	48.8	52.5	52.6	51.8	51.2	52.0	52.2
Dry (22%)	52.7	53.7	50.7	47.9	47.5	49.5	53.5	53.3	52.1	51.6	52.2	52.8
Critical (15%)	55.9	54.6	51.2	48.3	48.2	49.9	52.4	53.8	54.8	52.7	53.3	55.4

Table 6C-6-3c. Sacramento River at Clear Creek, Alternative 2 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	-0.1	0.0	-0.1
20%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.1	-0.1
30%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.1
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	-0.1	-0.1
60%	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	-0.1	0.0
70%	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	-0.1	-0.1
Critical (15%)	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	-0.1	-0.2	-0.1

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-6-4a. Sacramento River at Clear Creek, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	54.9	54.5	52.4	48.9	48.4	50.2	54.0	54.4	54.7	52.4	53.0	54.4
20%	53.3	54.3	51.9	48.7	48.0	49.9	53.5	53.6	53.0	52.1	52.6	53.4
30%	52.8	54.2	51.6	47.9	47.4	49.4	53.1	53.3	52.4	51.9	52.3	52.8
40%	52.5	53.9	51.4	47.6	47.0	49.0	52.5	52.9	52.1	51.7	52.1	52.4
50%	52.2	53.8	50.9	47.2	46.7	48.5	52.2	52.6	52.0	51.6	52.0	52.0
60%	52.1	53.6	50.5	47.0	46.0	48.1	51.7	52.2	51.8	51.4	51.9	51.3
70%	51.9	53.5	50.4	46.7	45.5	47.6	51.4	51.7	51.7	51.1	51.7	50.8
80%	51.8	53.2	50.1	46.2	45.1	47.0	51.1	51.4	51.4	50.9	51.4	50.4
90%	51.5	53.0	49.5	45.9	44.7	46.5	49.9	50.8	51.3	50.8	51.3	50.2
Long Term												
Full Simulation Period <sup>a</sup>	52.8	53.8	51.0	47.4	46.5	48.5	52.2	52.6	52.4	51.6	52.1	52.2
Water Year Types <sup>b,c</sup>												
Wet (32%)	52.0	53.9	51.4	46.7	45.5	47.2	51.1	51.8	52.2	51.4	51.7	50.8
Above Normal (15%)	52.2	53.5	50.8	47.3	45.9	47.9	52.1	52.2	51.9	51.1	51.7	51.1
Below Normal (17%)	52.4	53.5	50.6	47.4	46.3	48.8	52.5	52.5	51.8	51.2	52.0	52.2
Dry (22%)	52.7	53.7	50.7	47.9	47.5	49.4	53.4	53.3	52.0	51.7	52.3	52.9
Critical (15%)	55.8	54.5	51.2	48.3	48.2	49.9	52.4	53.6	54.7	52.7	53.5	55.5

Table 6C-6-4b. Sacramento River at Clear Creek, Alternative 3 020121, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	54.7	54.5	52.4	49.0	48.4	50.3	54.0	54.5	53.9	52.6	52.9	54.6
20%	53.2	54.3	51.8	48.6	48.0	49.9	53.4	53.7	53.0	52.2	52.7	53.3
30%	52.6	54.1	51.7	47.9	47.4	49.4	53.3	53.4	52.5	51.9	52.5	52.7
40%	52.4	53.9	51.2	47.6	47.0	48.8	52.8	53.0	52.3	51.7	52.3	52.3
50%	52.2	53.7	50.9	47.3	46.7	48.5	52.3	52.7	52.1	51.6	52.0	51.9
60%	52.0	53.6	50.7	47.0	46.0	48.1	51.8	52.3	51.9	51.4	51.9	51.2
70%	51.9	53.4	50.4	46.7	45.5	47.6	51.4	51.8	51.8	51.2	51.8	50.7
80%	51.7	53.2	50.1	46.2	45.1	47.0	51.1	51.5	51.7	50.9	51.4	50.4
90%	51.5	53.0	49.6	45.9	44.6	46.5	49.9	50.8	51.3	50.8	51.3	50.1
Long Term												
Full Simulation Period <sup>a</sup>	52.7	53.8	51.0	47.4	46.5	48.5	52.2	52.6	52.5	51.6	52.1	52.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	52.0	53.9	51.4	46.7	45.5	47.2	51.1	51.8	52.2	51.4	51.7	50.8
Above Normal (15%)	52.0	53.4	50.7	47.4	45.9	47.9	52.1	52.2	52.3	51.3	52.0	50.7
Below Normal (17%)	52.3	53.5	50.5	47.4	46.3	48.8	52.5	52.7	52.1	51.3	52.0	52.0
Dry (22%)	52.6	53.6	50.7	47.9	47.5	49.4	53.6	53.3	52.1	51.7	52.3	52.8
Critical (15%)	55.6	54.6	51.4	48.3	48.2	49.8	52.4	53.7	54.5	52.6	53.1	55.1

Table 6C-6-4c. Sacramento River at Clear Creek, Alternative 3 020121 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	-0.2	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	-0.8	0.2	-0.1	0.2
20%	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.1	-0.1
30%	-0.2	0.0	0.1	0.0	0.0	0.0	0.2	0.1	0.1	0.1	0.2	-0.1
40%	0.0	0.0	-0.1	-0.1	0.0	-0.2	0.2	0.1	0.2	0.0	0.1	-0.1
50%	0.0	-0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.0	0.0	-0.1
60%	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	-0.1
70%	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	-0.1
80%	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.0
90%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Long Term												
Full Simulation Period <sup>a</sup>	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	-0.2
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	-0.2	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.3	-0.4
Below Normal (17%)	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.2	0.3	0.0	0.0	-0.1
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1	0.0	0.0	-0.1
Critical (15%)	-0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.1	-0.2	-0.1	-0.4	-0.4

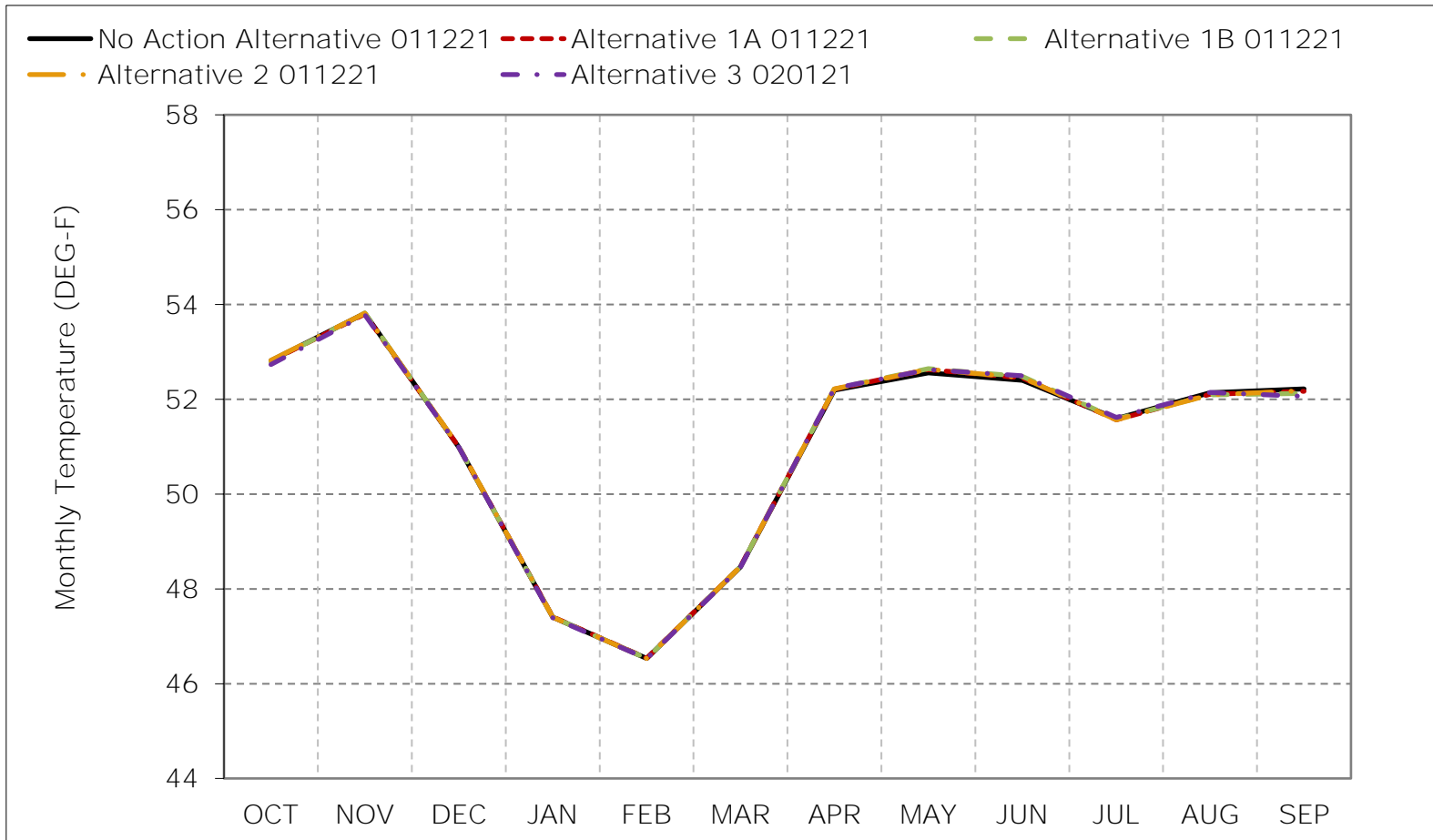
a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-6-1. Sacramento River at Clear Creek, Long-Term Average Temperature

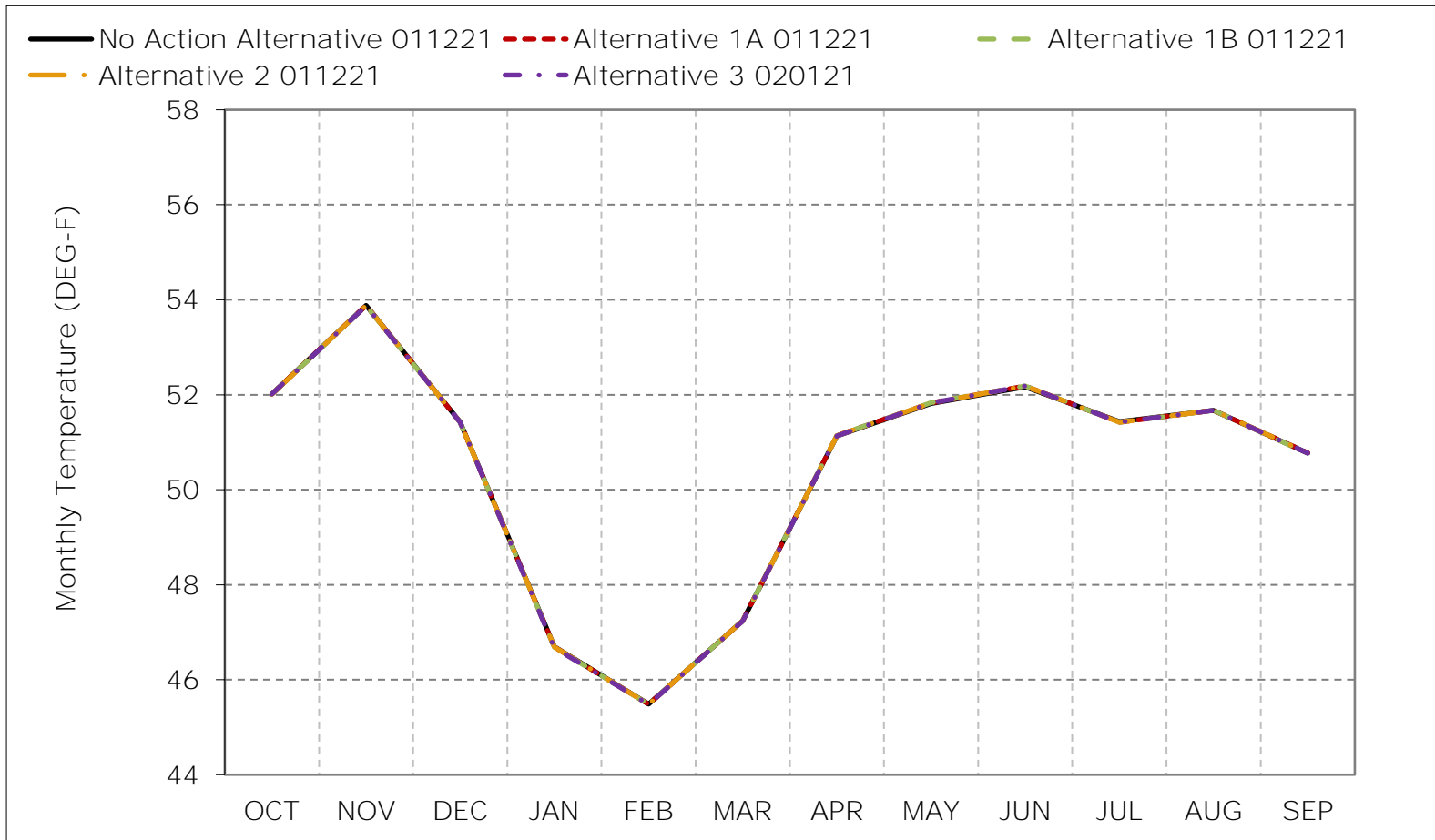


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-6-2. Sacramento River at Clear Creek, Wet Year Average Temperature

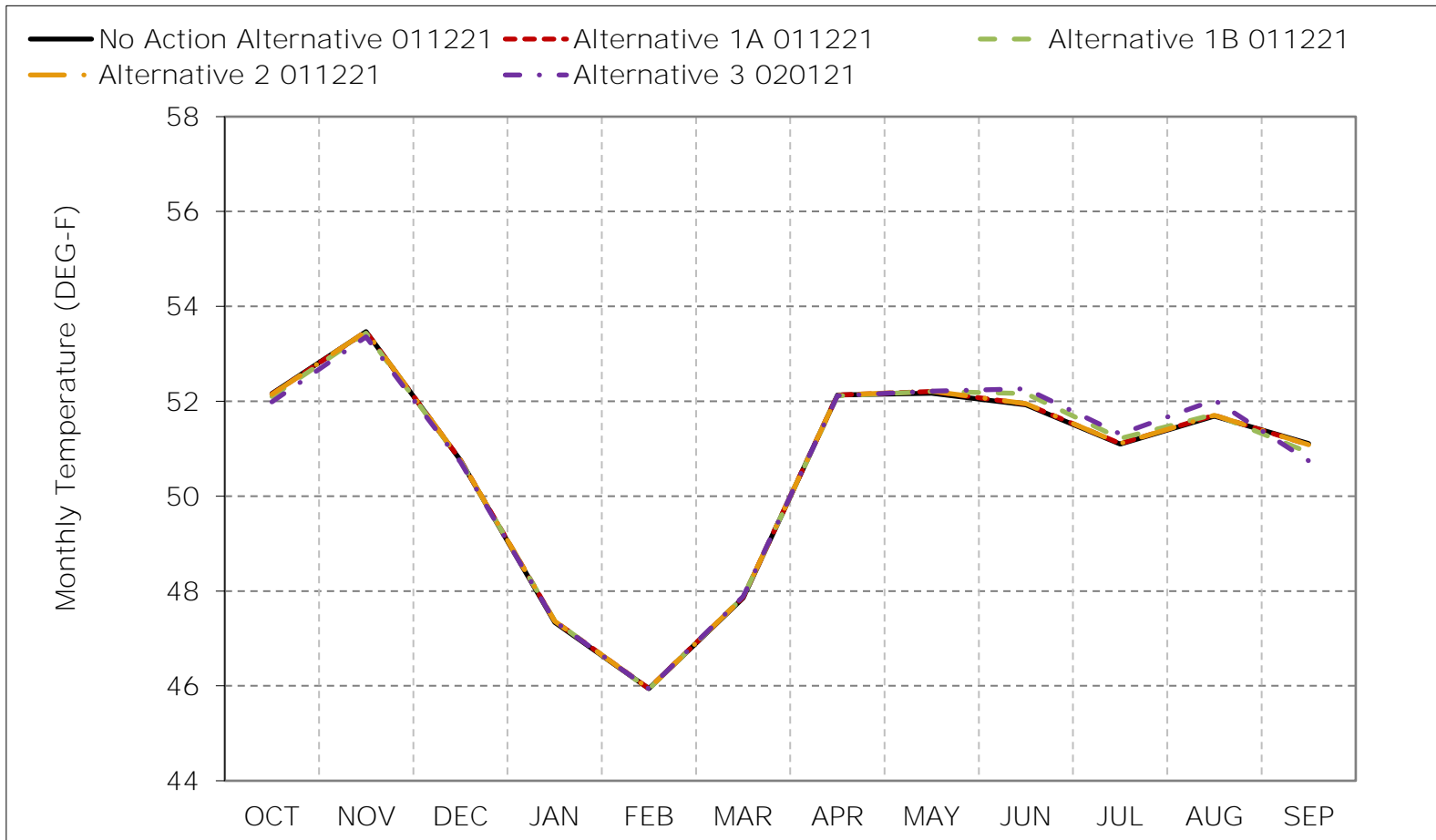


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-6-3. Sacramento River at Clear Creek, Above Normal Year Average Temperat



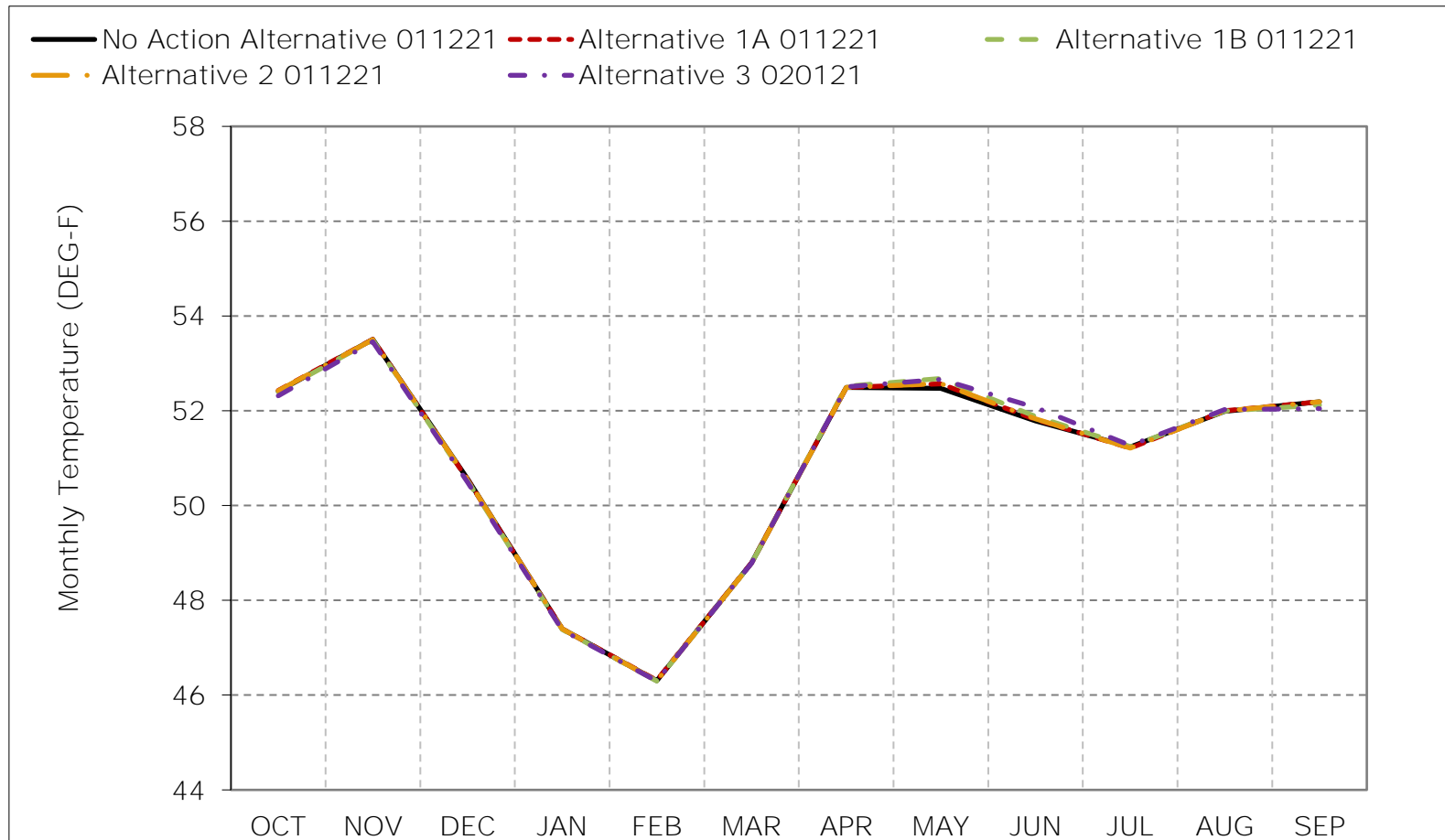
\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.



Figure 6C-6-4. Sacramento River at Clear Creek, Below Normal Year Average Temperat

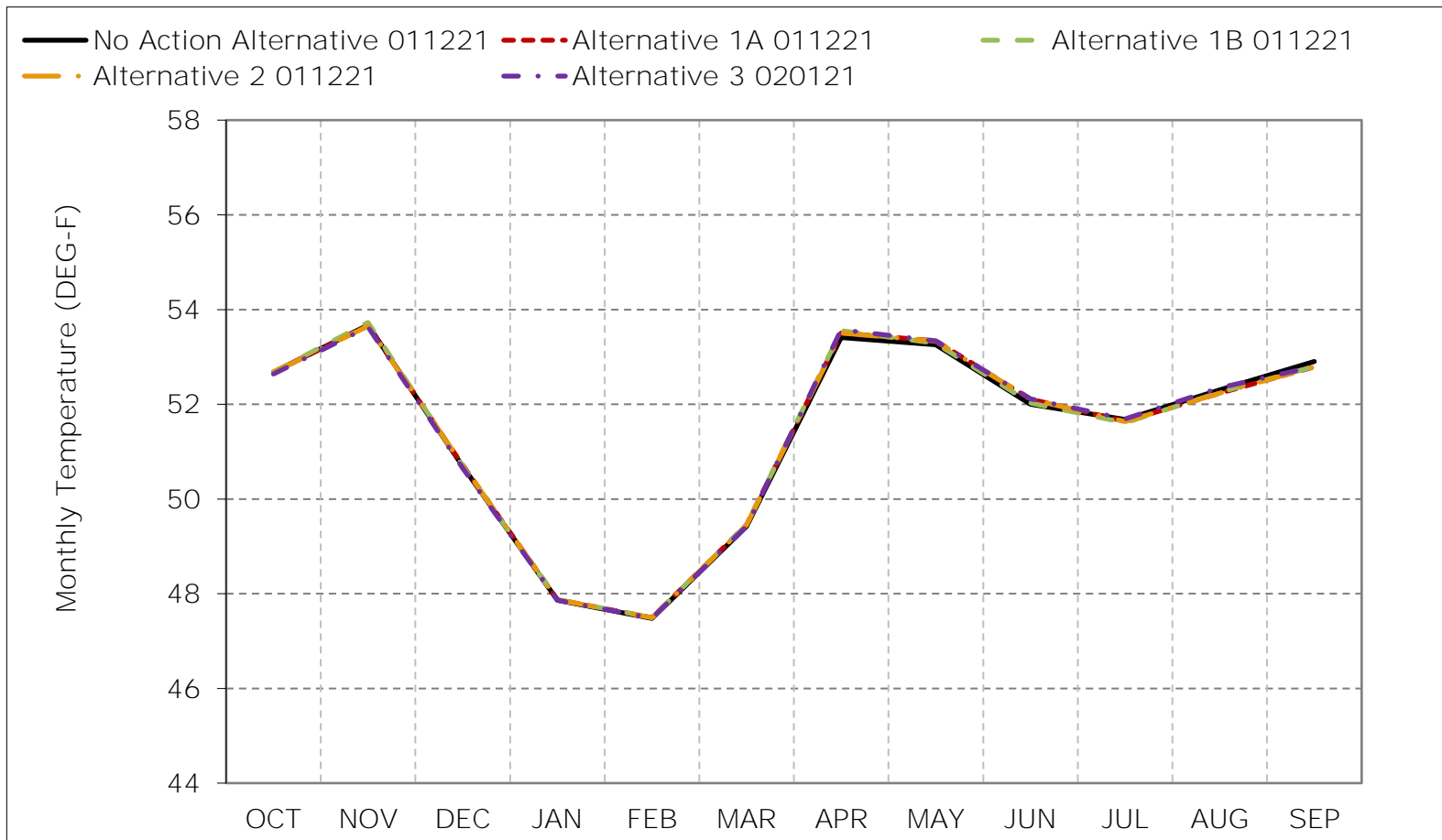


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-6-5. Sacramento River at Clear Creek, Dry Year Average Temperature

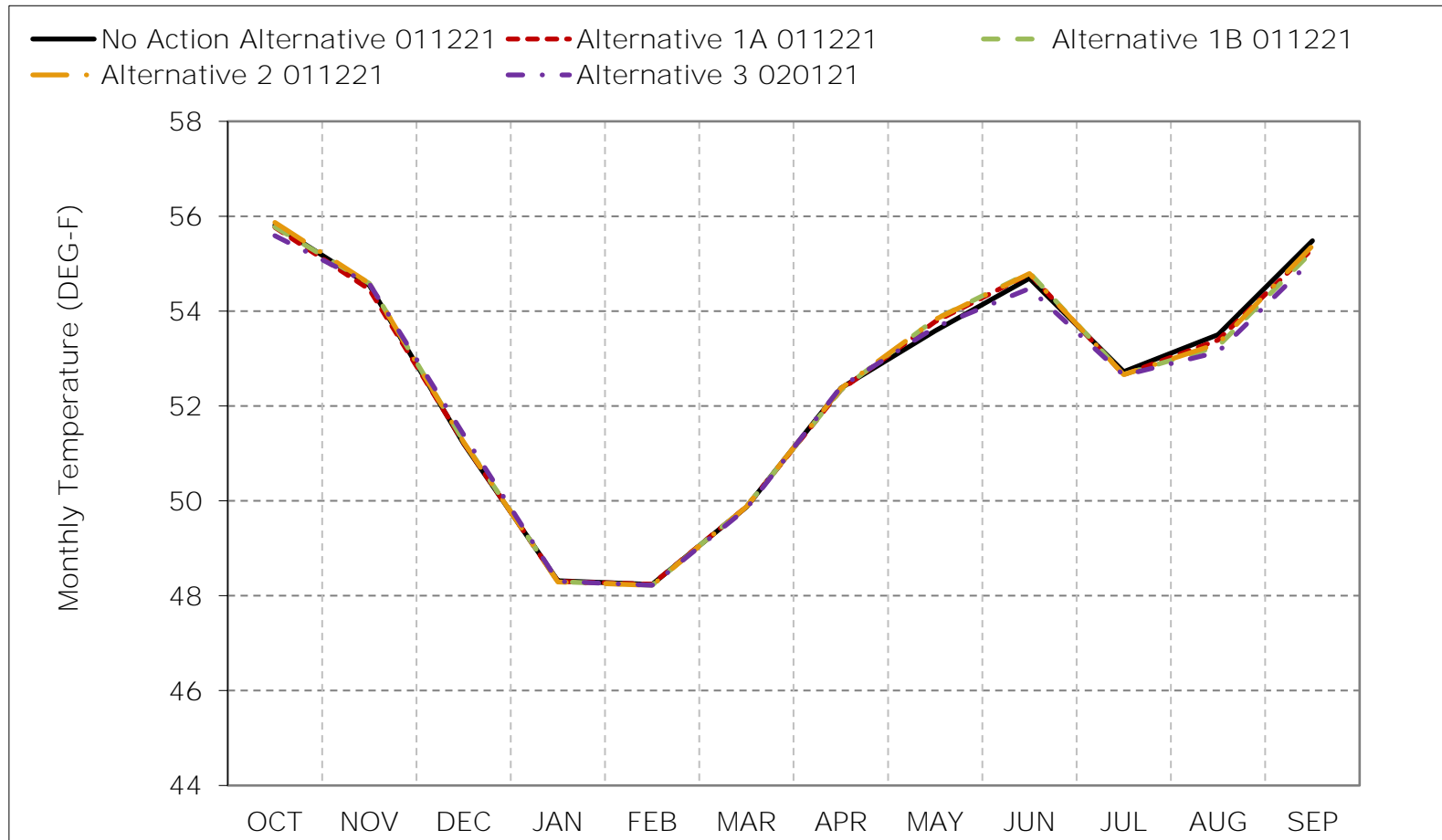


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-6-6. Sacramento River at Clear Creek, Critical Year Average Temperature

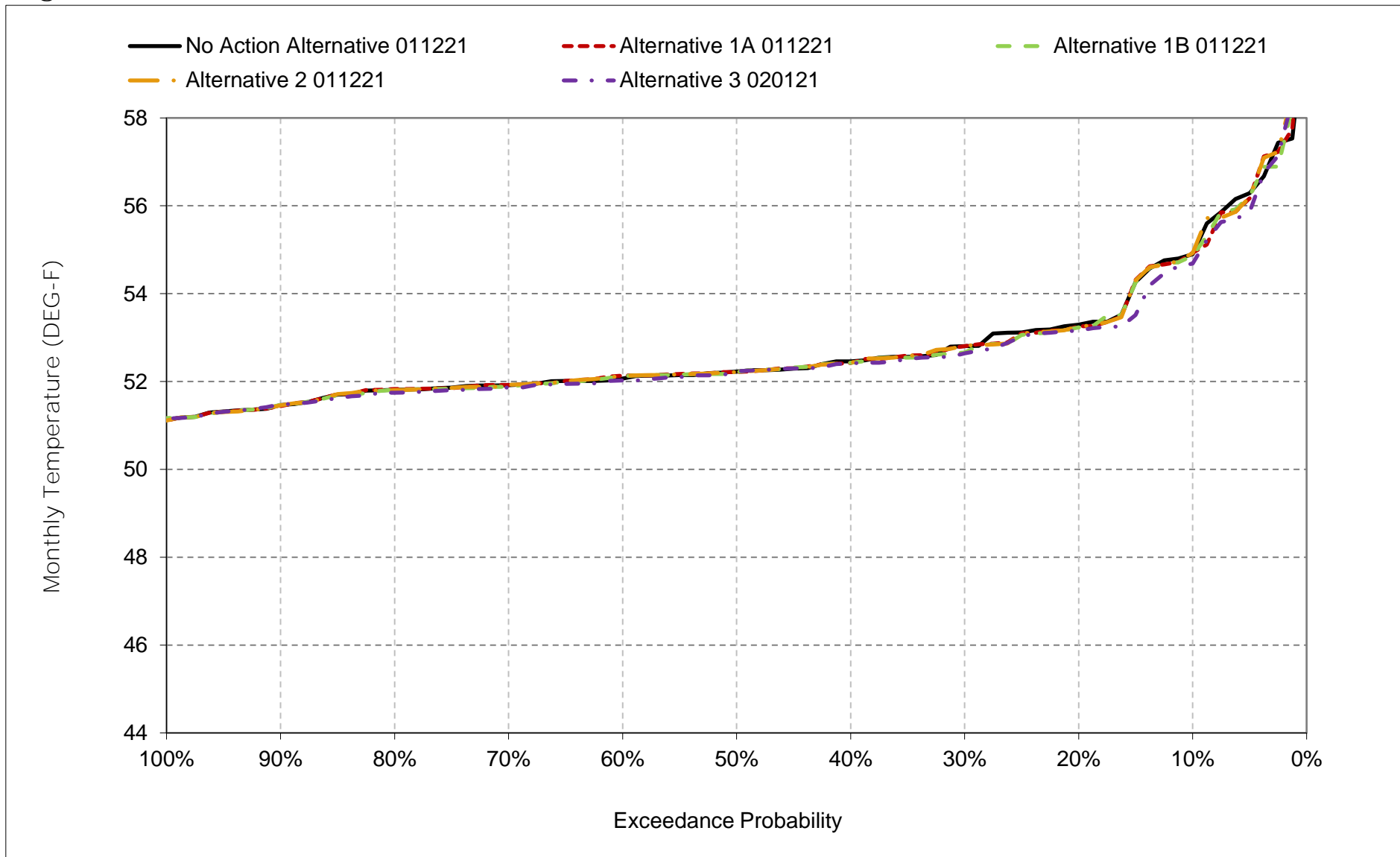


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

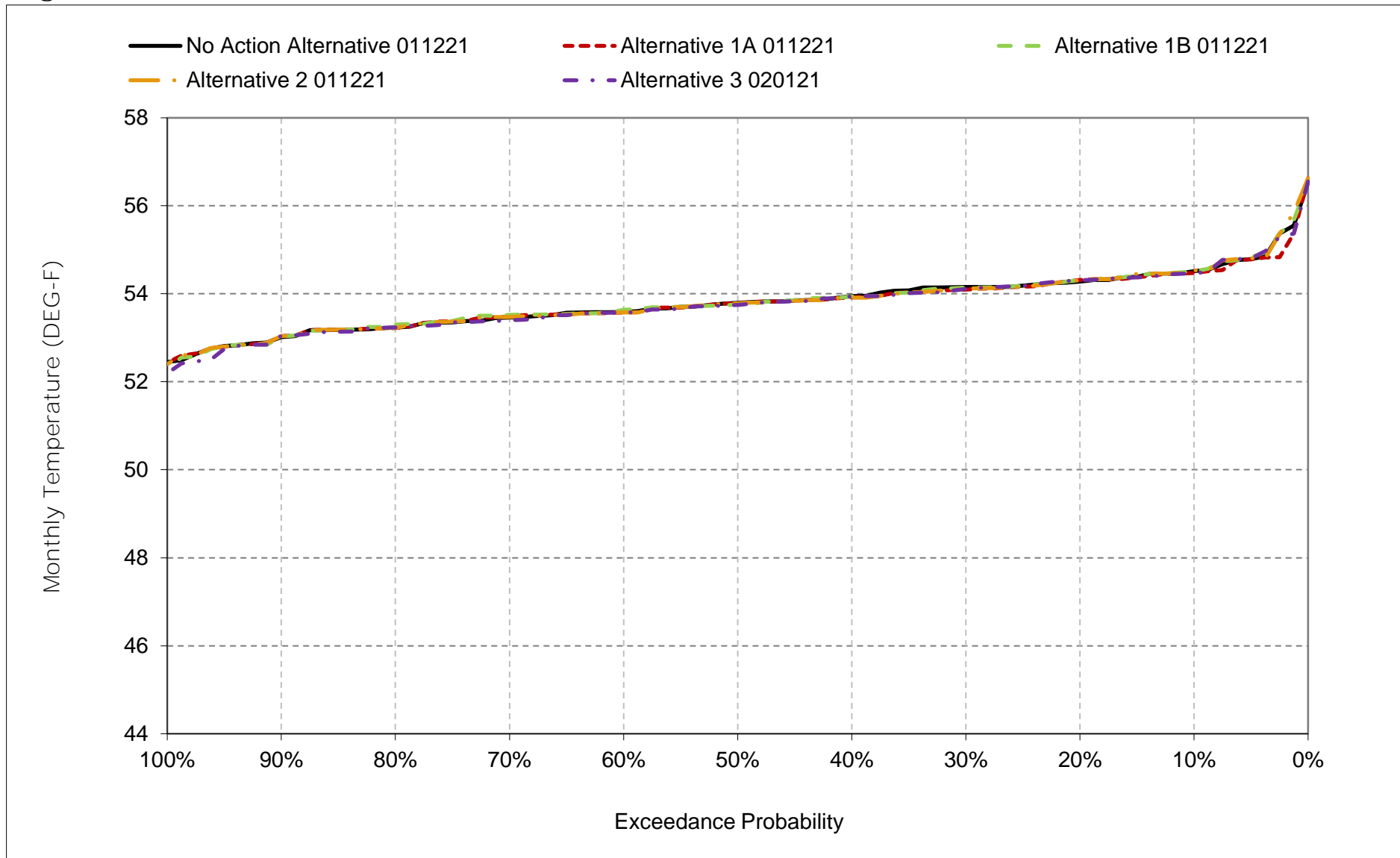
\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-6-7. Sacramento River at Clear Creek, October



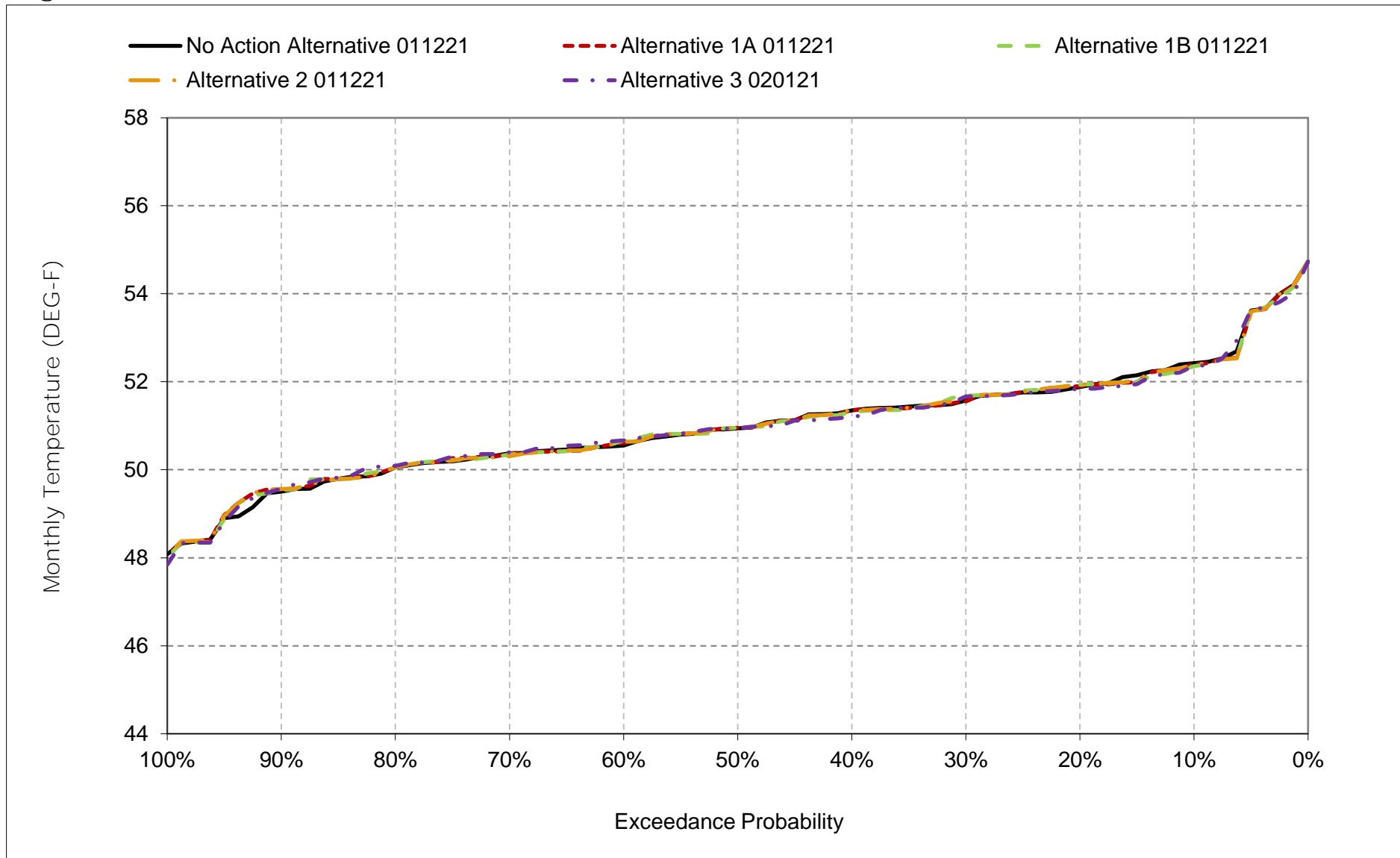
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-6-8. Sacramento River at Clear Creek, November



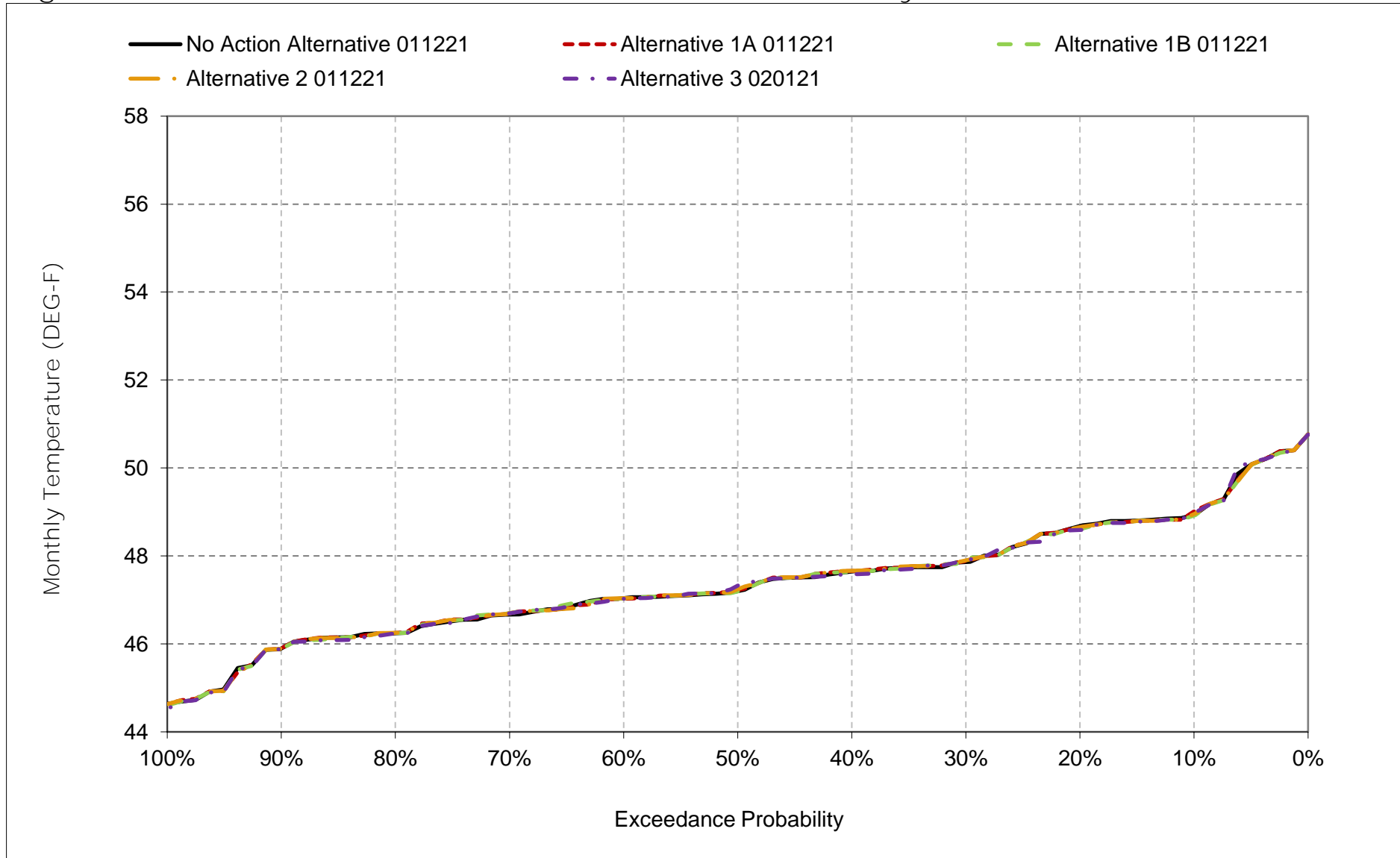
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-6-9. Sacramento River at Clear Creek, December



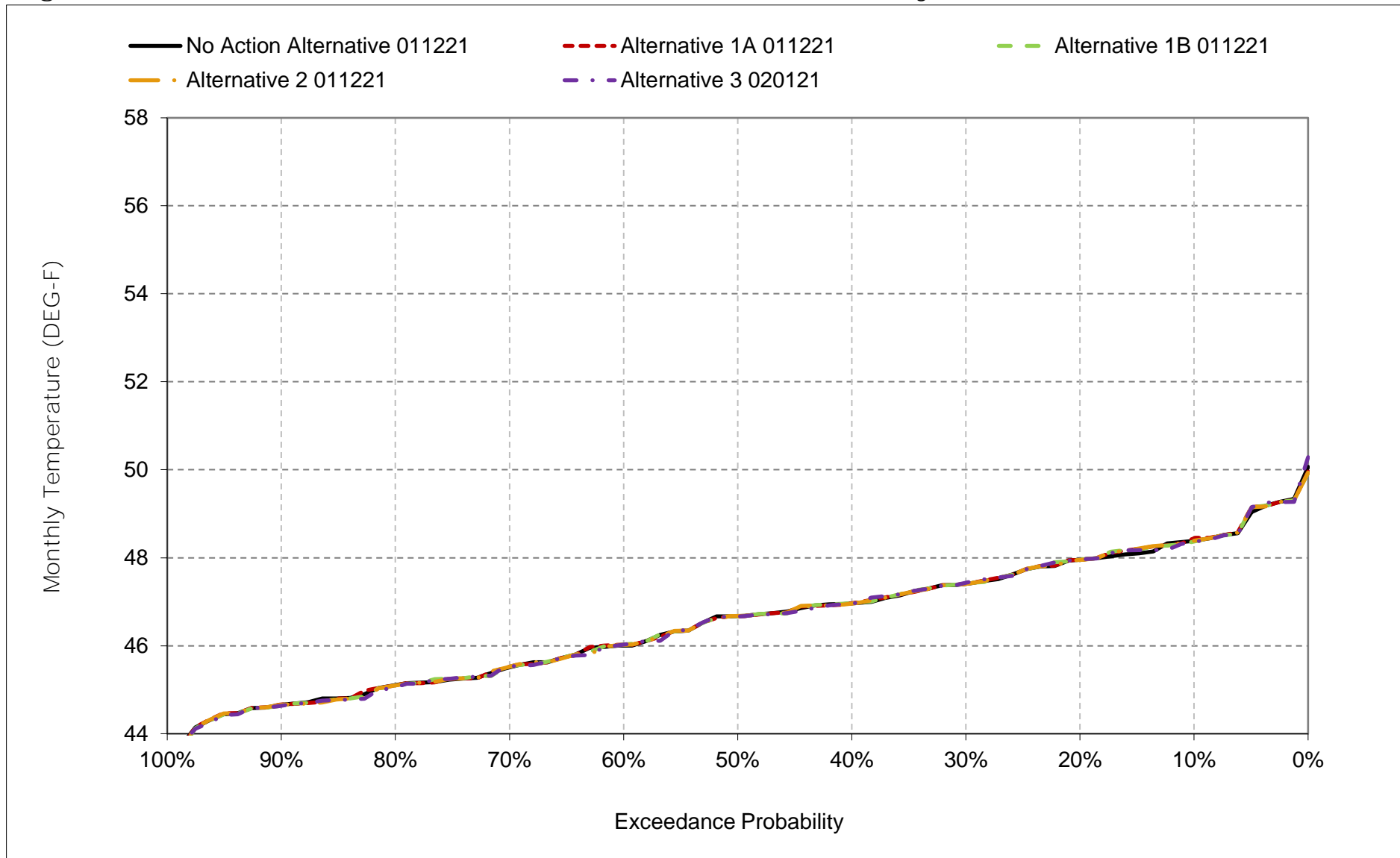
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-6-10. Sacramento River at Clear Creek, January



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

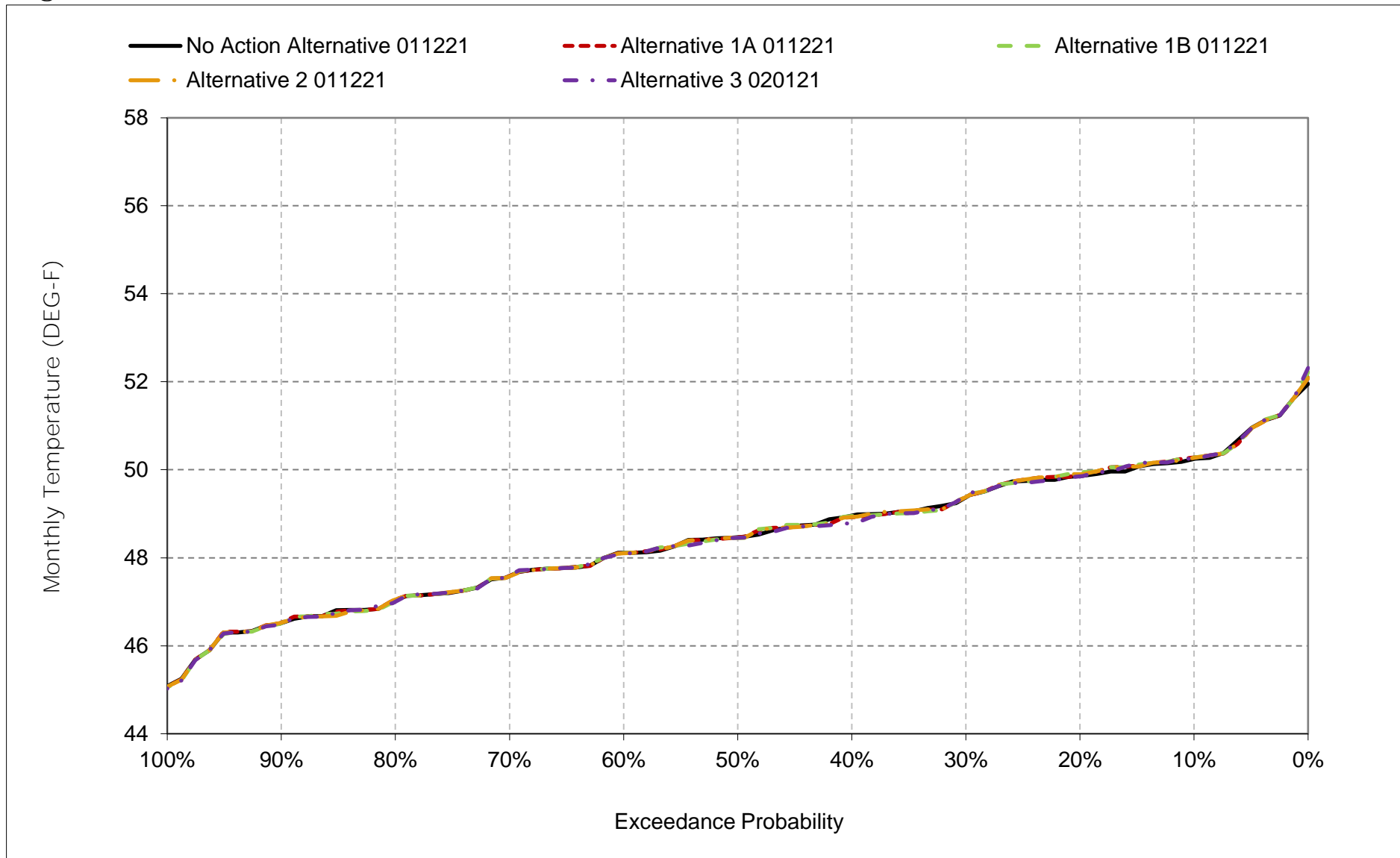
Figure 6C-6-11. Sacramento River at Clear Creek, February



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

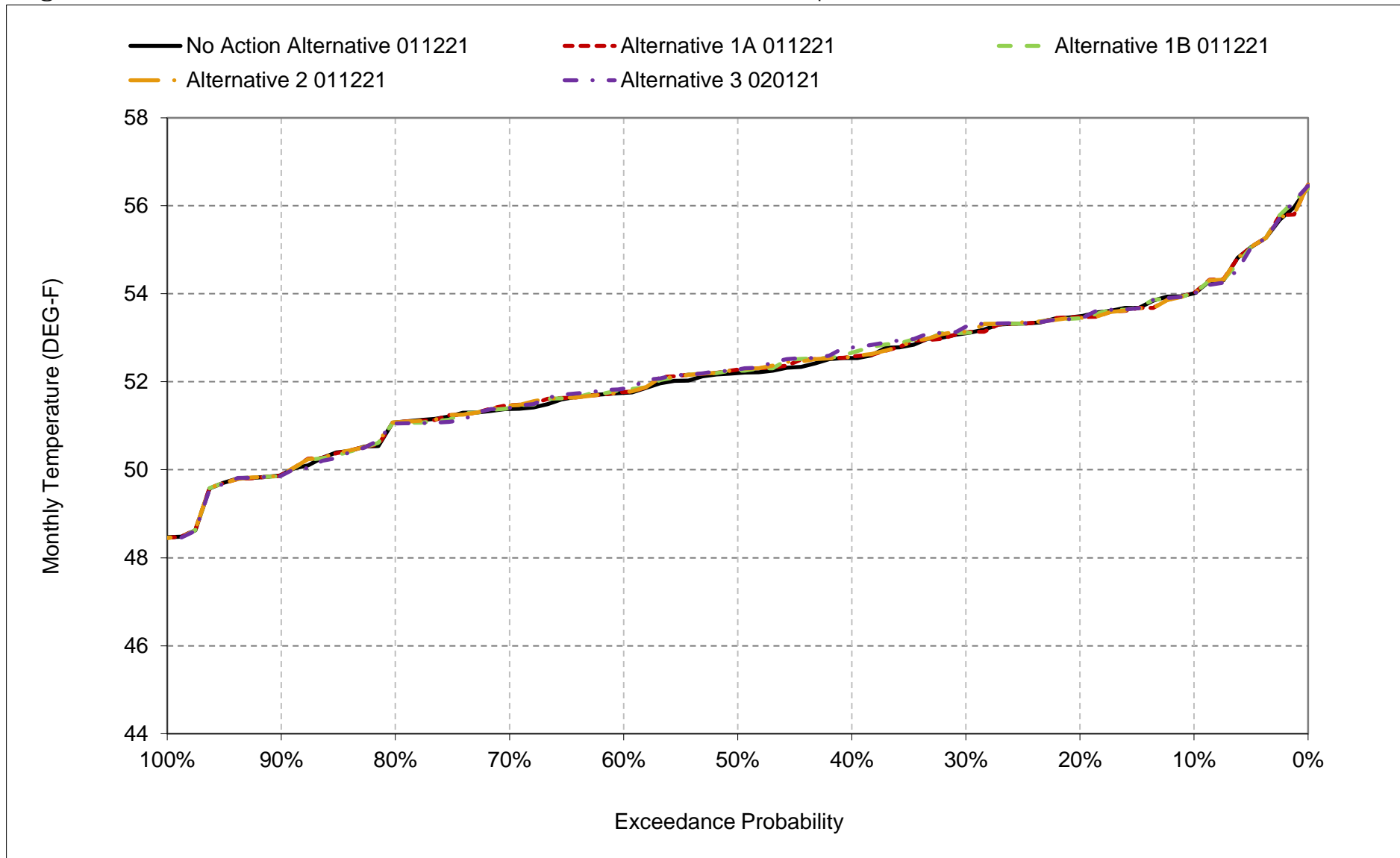


Figure 6C-6-12. Sacramento River at Clear Creek, March



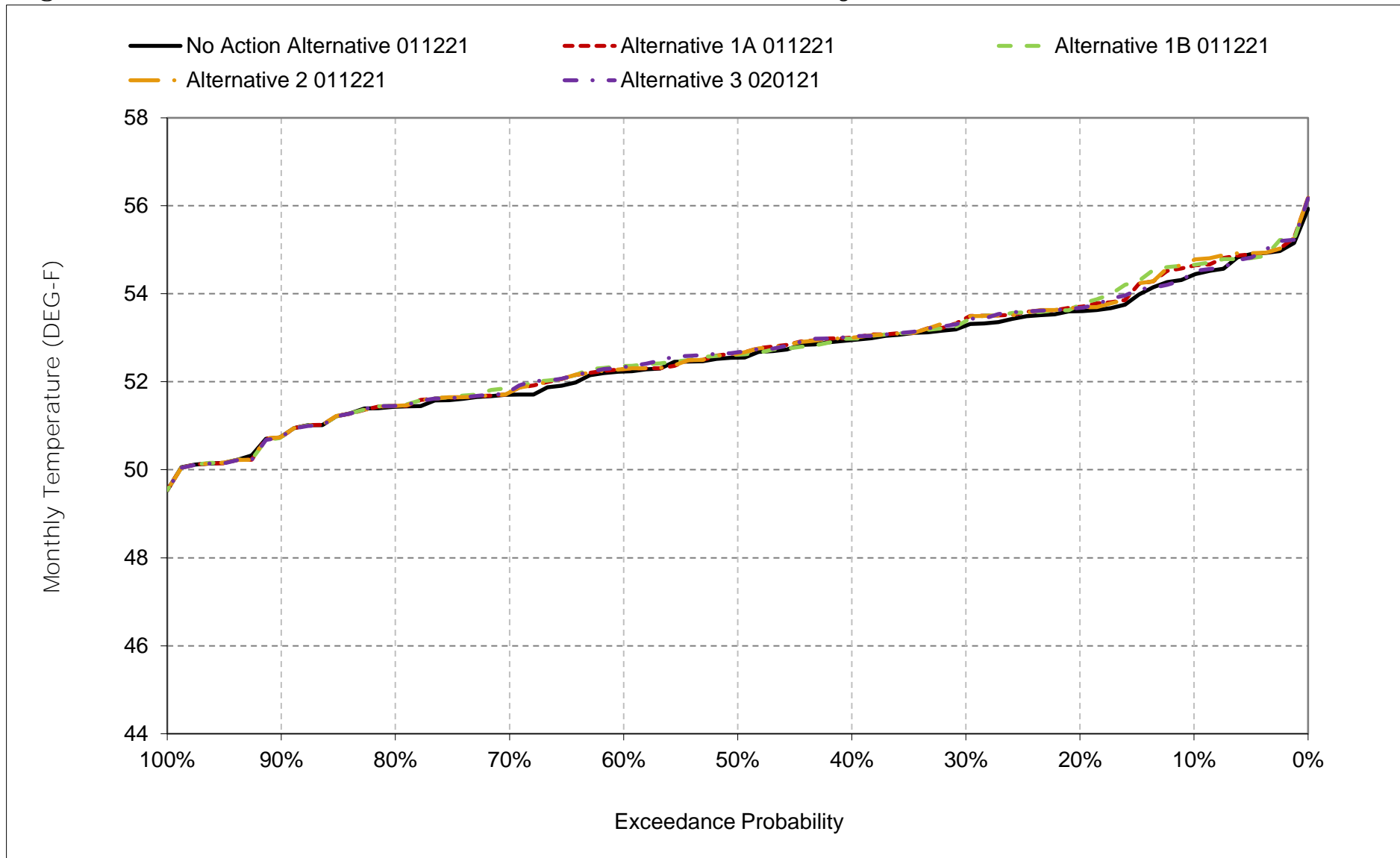
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-6-13. Sacramento River at Clear Creek, April



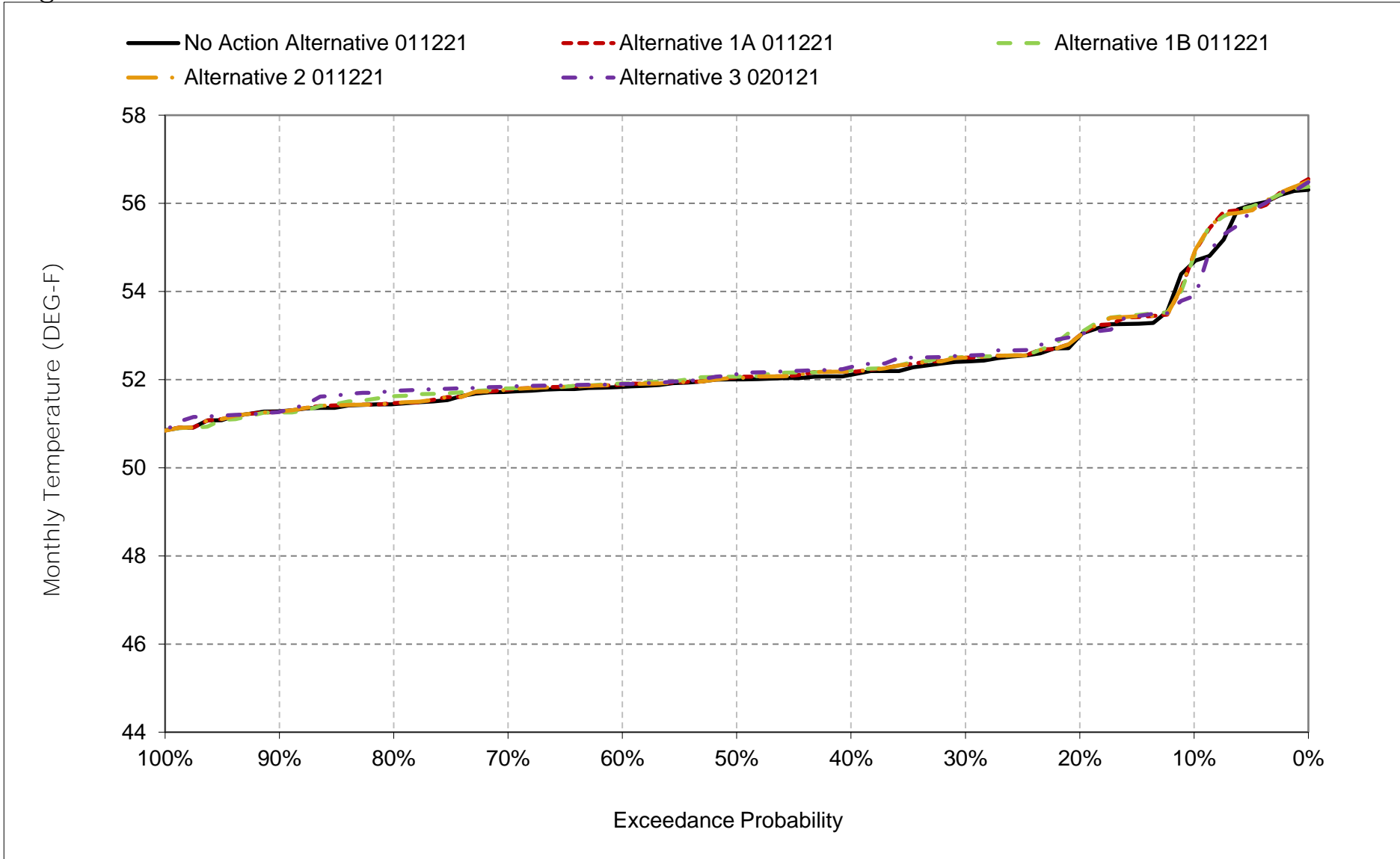
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-6-14. Sacramento River at Clear Creek, May



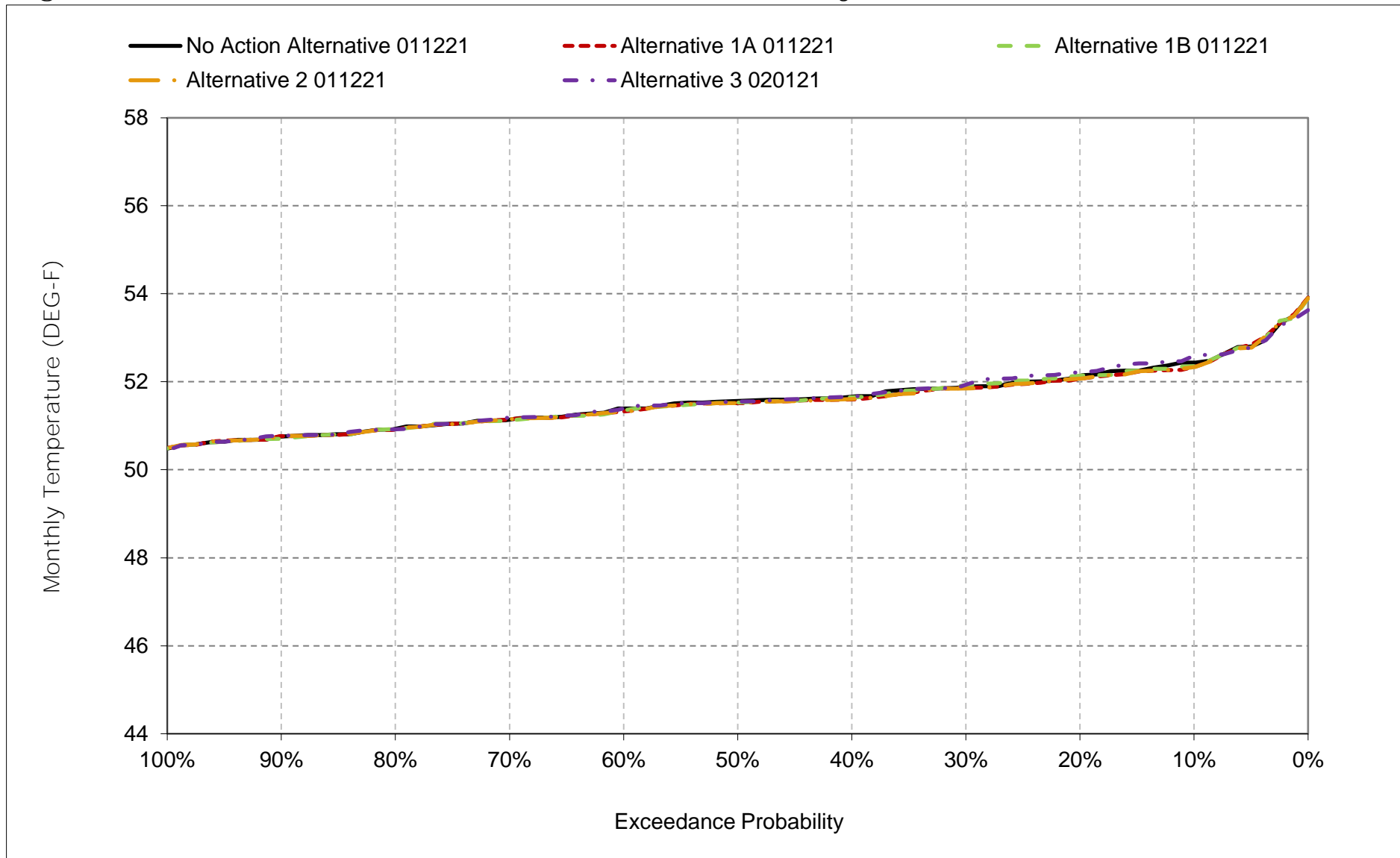
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-6-15. Sacramento River at Clear Creek, June



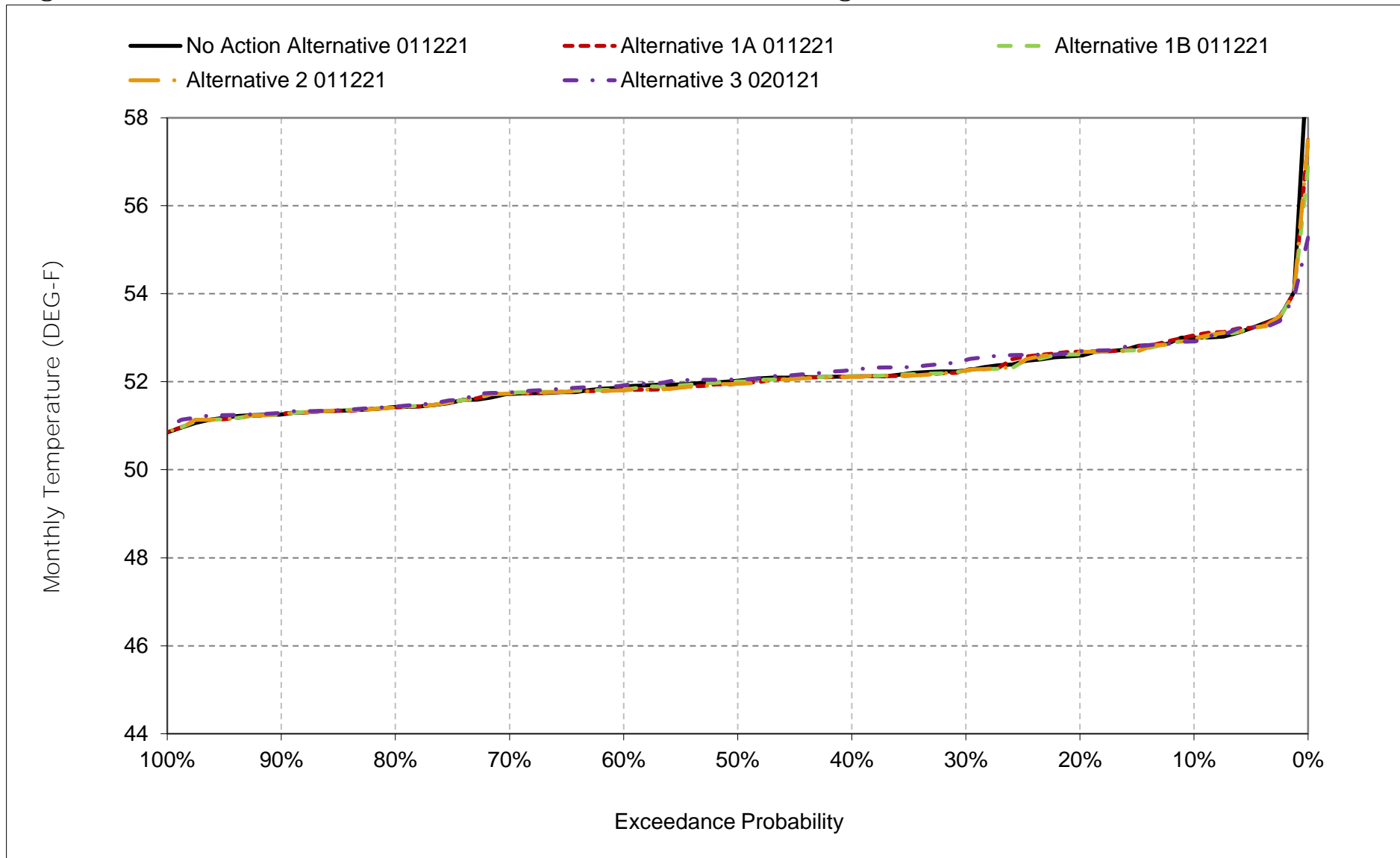
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-6-16. Sacramento River at Clear Creek, July



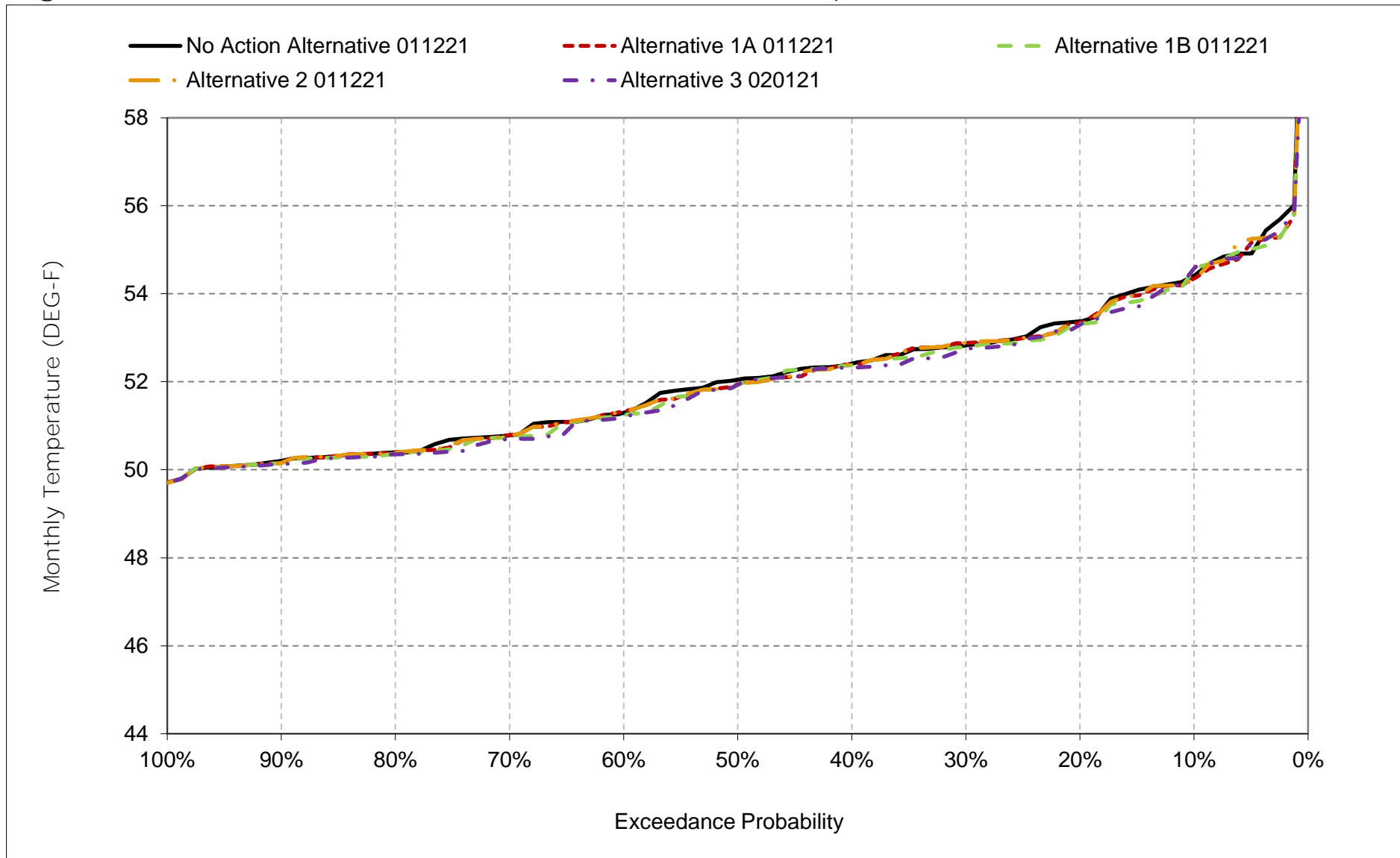
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-6-17. Sacramento River at Clear Creek, August



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-6-18. Sacramento River at Clear Creek, September



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-7-1a. Sacramento River at Balls Ferry, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	55.4	54.4	51.9	48.7	48.4	50.9	55.3	56.0	55.8	53.8	54.4	55.8
20%	54.1	54.1	51.3	48.1	48.0	50.4	54.6	55.1	54.6	53.6	54.0	54.9
30%	53.6	54.0	50.6	47.4	47.7	50.0	54.4	54.7	54.3	53.3	53.6	54.2
40%	53.1	53.7	50.3	47.0	47.1	49.6	53.8	54.5	54.0	53.1	53.4	53.7
50%	52.8	53.5	50.0	46.8	46.8	49.1	53.4	54.1	53.7	52.9	53.2	53.3
60%	52.7	53.3	49.7	46.5	46.3	48.7	53.0	53.7	53.4	52.6	53.0	52.4
70%	52.5	52.9	49.5	46.3	45.6	48.3	52.6	53.2	53.1	52.4	52.9	51.9
80%	52.3	52.7	49.0	45.9	45.3	47.6	52.1	52.9	52.8	52.0	52.6	51.3
90%	51.9	52.4	48.1	45.6	45.0	47.1	50.9	52.3	52.4	51.9	52.4	51.1
Long Term												
Full Simulation Period <sup>a</sup>	53.4	53.4	50.1	46.9	46.7	49.1	53.3	54.1	53.9	52.9	53.4	53.4
Water Year Types <sup>b,c</sup>												
Wet (32%)	52.5	53.6	50.6	46.4	45.7	47.8	52.2	53.5	54.1	52.8	52.9	51.7
Above Normal (15%)	52.8	53.1	49.8	46.8	46.2	48.4	53.3	53.8	53.6	52.3	52.9	52.2
Below Normal (17%)	53.0	53.1	49.8	46.8	46.5	49.5	53.8	54.1	53.2	52.4	53.2	53.5
Dry (22%)	53.3	53.2	49.8	47.3	47.6	50.1	54.5	54.6	53.3	52.9	53.6	54.3
Critical (15%)	56.2	54.2	50.0	47.9	48.4	50.5	53.6	54.8	55.9	54.2	54.8	56.8

Table 6C-7-1b. Sacramento River at Balls Ferry, Alternative 1A 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	55.4	54.4	51.9	48.8	48.5	50.9	55.4	56.1	56.0	53.8	54.5	55.7
20%	53.8	54.1	51.3	48.1	48.0	50.4	54.6	55.1	54.7	53.5	54.1	54.9
30%	53.4	53.9	50.6	47.4	47.7	50.0	54.4	54.9	54.4	53.2	53.6	54.2
40%	53.1	53.7	50.3	47.0	47.1	49.6	53.8	54.5	54.0	53.0	53.4	53.8
50%	52.9	53.5	49.9	46.8	46.8	49.1	53.5	54.2	53.8	52.8	53.2	53.2
60%	52.7	53.3	49.8	46.5	46.4	48.7	53.2	53.8	53.5	52.6	53.0	52.5
70%	52.5	53.0	49.5	46.3	45.7	48.3	52.6	53.2	53.2	52.3	52.9	51.9
80%	52.3	52.7	49.0	46.0	45.3	47.6	52.1	53.0	52.8	52.0	52.6	51.3
90%	51.9	52.4	48.2	45.6	45.0	47.1	50.9	52.3	52.5	51.8	52.3	51.1
Long Term												
Full Simulation Period <sup>a</sup>	53.4	53.4	50.1	46.9	46.7	49.1	53.4	54.2	54.0	52.9	53.3	53.3
Water Year Types <sup>b,c</sup>												
Wet (32%)	52.5	53.6	50.6	46.4	45.7	47.8	52.2	53.6	54.1	52.8	52.9	51.8
Above Normal (15%)	52.8	53.1	49.8	46.8	46.2	48.4	53.3	53.8	53.6	52.3	52.9	52.2
Below Normal (17%)	53.0	53.1	49.8	46.8	46.5	49.5	53.8	54.2	53.3	52.4	53.2	53.5
Dry (22%)	53.3	53.2	49.9	47.3	47.6	50.1	54.6	54.7	53.4	52.9	53.5	54.2
Critical (15%)	56.2	54.1	50.0	47.9	48.4	50.5	53.6	55.1	56.0	54.1	54.7	56.6

Table 6C-7-1c. Sacramento River at Balls Ferry, Alternative 1A 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.2	0.2	0.0	0.1	0.0
20%	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0	-0.1
30%	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	0.0	0.0
40%	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	-0.1
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1	-0.1	-0.1	0.0
70%	0.0	0.1	0.1	0.0	0.0	0.0	-0.1	0.1	0.1	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	-0.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	-0.1	-0.1	-0.1
Critical (15%)	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.3	0.1	-0.1	-0.1	-0.2

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.



Table 6C-7-2a. Sacramento River at Balls Ferry, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	55.4	54.4	51.9	48.7	48.4	50.9	55.3	56.0	55.8	53.8	54.4	55.8
20%	54.1	54.1	51.3	48.1	48.0	50.4	54.6	55.1	54.6	53.6	54.0	54.9
30%	53.6	54.0	50.6	47.4	47.7	50.0	54.4	54.7	54.3	53.3	53.6	54.2
40%	53.1	53.7	50.3	47.0	47.1	49.6	53.8	54.5	54.0	53.1	53.4	53.7
50%	52.8	53.5	50.0	46.8	46.8	49.1	53.4	54.1	53.7	52.9	53.2	53.3
60%	52.7	53.3	49.7	46.5	46.3	48.7	53.0	53.7	53.4	52.6	53.0	52.4
70%	52.5	52.9	49.5	46.3	45.6	48.3	52.6	53.2	53.1	52.4	52.9	51.9
80%	52.3	52.7	49.0	45.9	45.3	47.6	52.1	52.9	52.8	52.0	52.6	51.3
90%	51.9	52.4	48.1	45.6	45.0	47.1	50.9	52.3	52.4	51.9	52.4	51.1
Long Term												
Full Simulation Period <sup>a</sup>	53.4	53.4	50.1	46.9	46.7	49.1	53.3	54.1	53.9	52.9	53.4	53.4
Water Year Types <sup>b,c</sup>												
Wet (32%)	52.5	53.6	50.6	46.4	45.7	47.8	52.2	53.5	54.1	52.8	52.9	51.7
Above Normal (15%)	52.8	53.1	49.8	46.8	46.2	48.4	53.3	53.8	53.6	52.3	52.9	52.2
Below Normal (17%)	53.0	53.1	49.8	46.8	46.5	49.5	53.8	54.1	53.2	52.4	53.2	53.5
Dry (22%)	53.3	53.2	49.8	47.3	47.6	50.1	54.5	54.6	53.3	52.9	53.6	54.3
Critical (15%)	56.2	54.2	50.0	47.9	48.4	50.5	53.6	54.8	55.9	54.2	54.8	56.8

Table 6C-7-2b. Sacramento River at Balls Ferry, Alternative 1B 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	55.3	54.4	51.7	48.7	48.5	50.9	55.4	56.1	56.0	53.8	54.3	55.8
20%	53.8	54.1	51.3	48.1	48.0	50.5	54.8	55.3	55.0	53.6	54.0	54.7
30%	53.4	53.9	50.6	47.4	47.6	50.0	54.4	54.8	54.4	53.3	53.5	54.1
40%	53.0	53.7	50.3	47.0	47.1	49.5	53.8	54.5	54.1	53.0	53.4	53.7
50%	52.8	53.5	50.0	46.8	46.8	49.1	53.5	54.1	53.8	52.9	53.2	53.2
60%	52.7	53.3	49.8	46.5	46.3	48.7	53.2	53.8	53.5	52.6	53.0	52.4
70%	52.4	53.0	49.5	46.2	45.7	48.3	52.5	53.4	53.2	52.3	52.9	51.8
80%	52.3	52.8	49.0	46.0	45.3	47.6	52.1	53.0	53.0	52.0	52.6	51.3
90%	51.9	52.5	48.4	45.6	45.0	47.1	50.9	52.3	52.5	51.8	52.4	51.1
Long Term												
Full Simulation Period <sup>a</sup>	53.4	53.5	50.1	46.9	46.7	49.1	53.4	54.2	54.1	52.9	53.3	53.3
Water Year Types <sup>b,c</sup>												
Wet (32%)	52.5	53.5	50.6	46.4	45.7	47.8	52.2	53.6	54.1	52.8	52.9	51.7
Above Normal (15%)	52.7	53.1	49.8	46.8	46.2	48.4	53.3	53.8	53.9	52.4	52.9	52.0
Below Normal (17%)	53.0	53.1	49.7	46.8	46.5	49.5	53.9	54.4	53.4	52.4	53.2	53.4
Dry (22%)	53.3	53.3	49.9	47.3	47.6	50.1	54.7	54.7	53.3	52.8	53.5	54.2
Critical (15%)	56.2	54.3	50.0	47.9	48.4	50.5	53.6	55.1	56.0	54.1	54.6	56.6

Table 6C-7-2c. Sacramento River at Balls Ferry, Alternative 1B 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	0.0	-0.2	0.0	0.1	0.0	0.0	0.2	0.2	0.0	-0.1	0.0
20%	-0.3	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.0	0.0	-0.2
30%	-0.2	-0.1	-0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	-0.1
40%	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	-0.1
60%	-0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1	0.0	0.0	0.0
70%	-0.1	0.1	0.0	0.0	0.0	0.0	-0.1	0.3	0.1	-0.1	0.0	0.0
80%	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0
90%	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	-0.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.0	-0.2
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.0	-0.1
Dry (22%)	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	-0.1	-0.1	-0.1
Critical (15%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	-0.1	-0.2	-0.2

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-7-3a. Sacramento River at Balls Ferry, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	55.4	54.4	51.9	48.7	48.4	50.9	55.3	56.0	55.8	53.8	54.4	55.8
20%	54.1	54.1	51.3	48.1	48.0	50.4	54.6	55.1	54.6	53.6	54.0	54.9
30%	53.6	54.0	50.6	47.4	47.7	50.0	54.4	54.7	54.3	53.3	53.6	54.2
40%	53.1	53.7	50.3	47.0	47.1	49.6	53.8	54.5	54.0	53.1	53.4	53.7
50%	52.8	53.5	50.0	46.8	46.8	49.1	53.4	54.1	53.7	52.9	53.2	53.3
60%	52.7	53.3	49.7	46.5	46.3	48.7	53.0	53.7	53.4	52.6	53.0	52.4
70%	52.5	52.9	49.5	46.3	45.6	48.3	52.6	53.2	53.1	52.4	52.9	51.9
80%	52.3	52.7	49.0	45.9	45.3	47.6	52.1	52.9	52.8	52.0	52.6	51.3
90%	51.9	52.4	48.1	45.6	45.0	47.1	50.9	52.3	52.4	51.9	52.4	51.1
Long Term												
Full Simulation Period <sup>a</sup>	53.4	53.4	50.1	46.9	46.7	49.1	53.3	54.1	53.9	52.9	53.4	53.4
Water Year Types <sup>b,c</sup>												
Wet (32%)	52.5	53.6	50.6	46.4	45.7	47.8	52.2	53.5	54.1	52.8	52.9	51.7
Above Normal (15%)	52.8	53.1	49.8	46.8	46.2	48.4	53.3	53.8	53.6	52.3	52.9	52.2
Below Normal (17%)	53.0	53.1	49.8	46.8	46.5	49.5	53.8	54.1	53.2	52.4	53.2	53.5
Dry (22%)	53.3	53.2	49.8	47.3	47.6	50.1	54.5	54.6	53.3	52.9	53.6	54.3
Critical (15%)	56.2	54.2	50.0	47.9	48.4	50.5	53.6	54.8	55.9	54.2	54.8	56.8

Table 6C-7-3b. Sacramento River at Balls Ferry, Alternative 2 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	55.4	54.4	51.9	48.7	48.5	50.9	55.3	56.1	56.0	53.8	54.3	55.8
20%	53.8	54.1	51.3	48.1	48.0	50.4	54.6	55.1	54.7	53.5	54.0	54.8
30%	53.4	53.9	50.6	47.4	47.7	50.0	54.4	54.9	54.4	53.2	53.5	54.2
40%	53.1	53.7	50.3	47.0	47.1	49.6	53.8	54.5	54.0	53.0	53.4	53.8
50%	52.9	53.5	50.0	46.8	46.8	49.1	53.5	54.2	53.8	52.8	53.1	53.2
60%	52.7	53.3	49.8	46.5	46.3	48.7	53.2	53.8	53.5	52.6	53.0	52.5
70%	52.5	53.0	49.5	46.3	45.7	48.3	52.6	53.2	53.2	52.3	52.9	51.9
80%	52.3	52.7	49.0	46.0	45.3	47.6	52.1	53.0	52.8	52.0	52.6	51.3
90%	51.9	52.4	48.2	45.6	45.0	47.1	51.0	52.3	52.5	51.8	52.3	51.1
Long Term												
Full Simulation Period <sup>a</sup>	53.4	53.4	50.1	46.9	46.7	49.1	53.4	54.2	54.0	52.9	53.3	53.4
Water Year Types <sup>b,c</sup>												
Wet (32%)	52.5	53.6	50.6	46.4	45.7	47.8	52.2	53.6	54.1	52.8	52.9	51.8
Above Normal (15%)	52.8	53.1	49.8	46.8	46.2	48.4	53.3	53.8	53.6	52.3	52.9	52.2
Below Normal (17%)	53.0	53.1	49.8	46.8	46.5	49.5	53.8	54.2	53.3	52.4	53.2	53.5
Dry (22%)	53.3	53.2	49.9	47.3	47.6	50.1	54.6	54.7	53.4	52.8	53.5	54.2
Critical (15%)	56.3	54.3	50.0	47.9	48.4	50.5	53.6	55.1	56.0	54.1	54.6	56.7

Table 6C-7-3c. Sacramento River at Balls Ferry, Alternative 2 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	0.0	-0.1	0.0	0.1	0.0	0.0	0.2	0.2	0.0	-0.1	0.0
20%	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0	-0.1
30%	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	0.0	0.0
40%	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	-0.1	-0.1
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1	-0.1	-0.1	0.0
70%	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
90%	0.0	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	-0.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	-0.1	-0.1	-0.1
Critical (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	-0.1	-0.2	-0.1

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-7-4a. Sacramento River at Balls Ferry, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	55.4	54.4	51.9	48.7	48.4	50.9	55.3	56.0	55.8	53.8	54.4	55.8
20%	54.1	54.1	51.3	48.1	48.0	50.4	54.6	55.1	54.6	53.6	54.0	54.9
30%	53.6	54.0	50.6	47.4	47.7	50.0	54.4	54.7	54.3	53.3	53.6	54.2
40%	53.1	53.7	50.3	47.0	47.1	49.6	53.8	54.5	54.0	53.1	53.4	53.7
50%	52.8	53.5	50.0	46.8	46.8	49.1	53.4	54.1	53.7	52.9	53.2	53.3
60%	52.7	53.3	49.7	46.5	46.3	48.7	53.0	53.7	53.4	52.6	53.0	52.4
70%	52.5	52.9	49.5	46.3	45.6	48.3	52.6	53.2	53.1	52.4	52.9	51.9
80%	52.3	52.7	49.0	45.9	45.3	47.6	52.1	52.9	52.8	52.0	52.6	51.3
90%	51.9	52.4	48.1	45.6	45.0	47.1	50.9	52.3	52.4	51.9	52.4	51.1
Long Term												
Full Simulation Period <sup>a</sup>	53.4	53.4	50.1	46.9	46.7	49.1	53.3	54.1	53.9	52.9	53.4	53.4
Water Year Types <sup>b,c</sup>												
Wet (32%)	52.5	53.6	50.6	46.4	45.7	47.8	52.2	53.5	54.1	52.8	52.9	51.7
Above Normal (15%)	52.8	53.1	49.8	46.8	46.2	48.4	53.3	53.8	53.6	52.3	52.9	52.2
Below Normal (17%)	53.0	53.1	49.8	46.8	46.5	49.5	53.8	54.1	53.2	52.4	53.2	53.5
Dry (22%)	53.3	53.2	49.8	47.3	47.6	50.1	54.5	54.6	53.3	52.9	53.6	54.3
Critical (15%)	56.2	54.2	50.0	47.9	48.4	50.5	53.6	54.8	55.9	54.2	54.8	56.8

Table 6C-7-4b. Sacramento River at Balls Ferry, Alternative 3 020121, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	55.2	54.4	51.7	48.6	48.4	50.9	55.3	56.1	55.8	53.9	54.3	55.8
20%	53.9	54.1	51.3	48.1	48.0	50.5	54.9	55.3	55.0	53.7	54.1	54.7
30%	53.3	53.9	50.5	47.4	47.6	50.0	54.4	54.9	54.4	53.4	53.8	54.0
40%	53.0	53.7	50.3	47.0	47.1	49.5	53.9	54.6	54.2	53.1	53.6	53.6
50%	52.8	53.5	50.0	46.8	46.8	49.1	53.7	54.2	53.9	52.9	53.3	53.2
60%	52.6	53.2	49.8	46.5	46.3	48.7	53.2	53.8	53.6	52.6	53.1	52.4
70%	52.4	52.9	49.6	46.2	45.7	48.3	52.5	53.4	53.3	52.4	52.9	51.7
80%	52.3	52.7	49.1	46.0	45.3	47.6	52.1	53.0	53.1	52.0	52.6	51.3
90%	51.9	52.4	48.7	45.6	44.9	47.1	50.9	52.3	52.8	51.9	52.4	51.1
Long Term												
Full Simulation Period <sup>a</sup>	53.3	53.4	50.1	46.9	46.7	49.1	53.4	54.2	54.1	52.9	53.4	53.2
Water Year Types <sup>b,c</sup>												
Wet (32%)	52.5	53.5	50.6	46.4	45.7	47.8	52.2	53.6	54.1	52.8	52.9	51.7
Above Normal (15%)	52.6	53.0	49.8	46.8	46.1	48.4	53.3	53.8	54.0	52.6	53.3	51.8
Below Normal (17%)	52.9	53.1	49.7	46.7	46.5	49.5	53.8	54.3	53.6	52.5	53.2	53.3
Dry (22%)	53.3	53.2	49.9	47.3	47.6	50.1	54.7	54.7	53.4	52.9	53.6	54.2
Critical (15%)	56.0	54.3	50.1	47.9	48.4	50.5	53.7	55.0	55.7	54.1	54.5	56.4

Table 6C-7-4c. Sacramento River at Balls Ferry, Alternative 3 020121 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	-0.2	0.0	-0.2	-0.1	0.0	0.0	0.0	0.1	0.0	0.1	-0.1	0.0
20%	-0.2	0.0	-0.1	0.0	0.0	0.0	0.2	0.2	0.4	0.1	0.1	-0.2
30%	-0.3	-0.1	-0.1	0.0	0.0	0.0	0.0	0.2	0.1	0.1	0.2	-0.2
40%	-0.1	-0.1	0.0	0.0	0.0	-0.1	0.1	0.1	0.2	0.0	0.2	-0.1
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.0	0.1	-0.1
60%	-0.2	-0.1	0.1	0.0	0.0	0.0	0.2	0.1	0.2	0.0	0.1	0.0
70%	-0.1	0.0	0.1	-0.1	0.0	0.0	-0.1	0.3	0.2	0.0	0.0	-0.1
80%	-0.1	0.0	0.1	0.0	0.0	0.0	-0.1	0.1	0.2	0.0	0.0	0.0
90%	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.1	0.0
Long Term												
Full Simulation Period <sup>a</sup>	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	-0.2
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	-0.2	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.3	0.4	-0.4
Below Normal (17%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.0	0.1	-0.2
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.2	0.0	0.0	-0.1
Critical (15%)	-0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.2	-0.2	-0.1	-0.3	-0.4

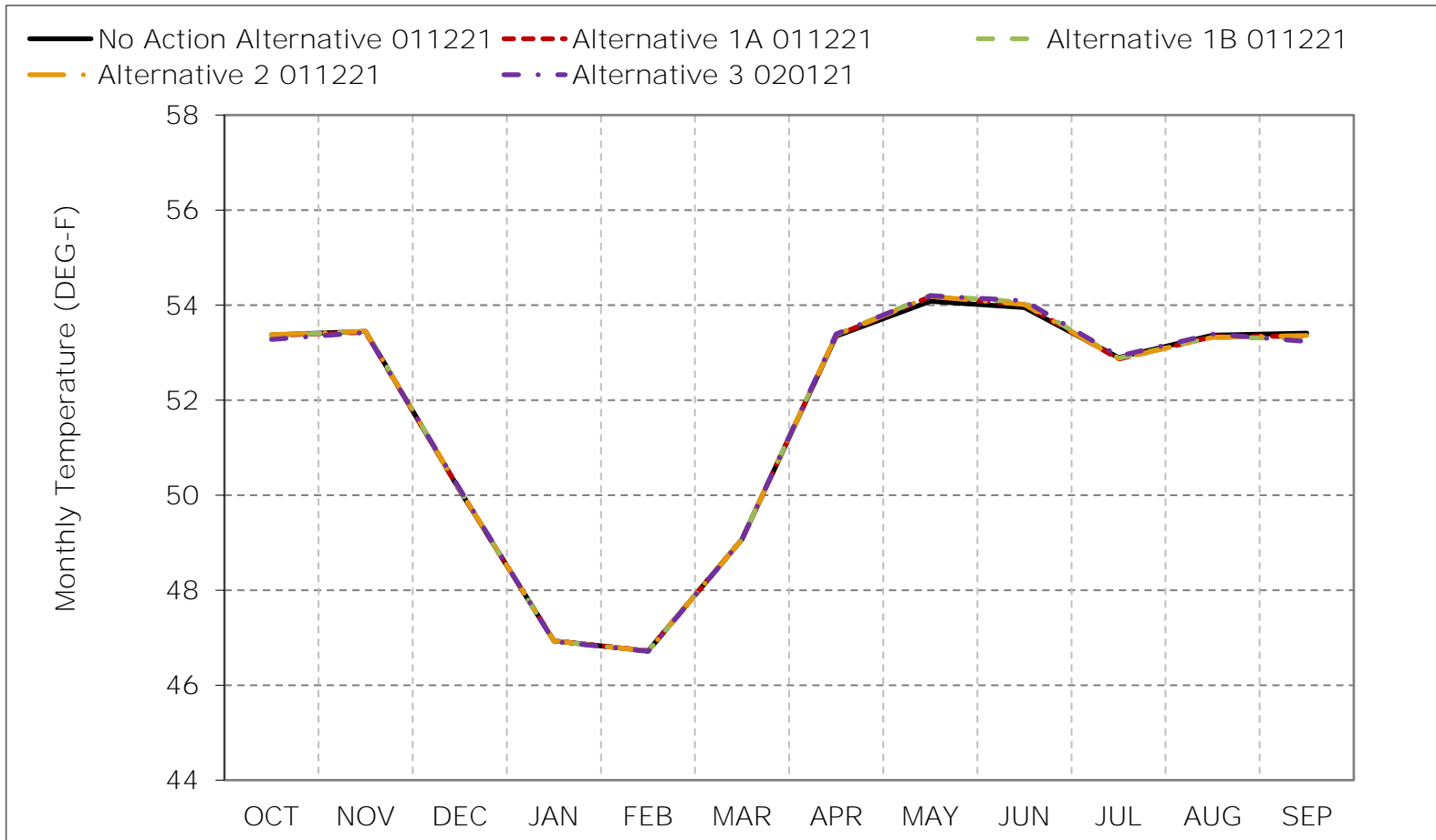
a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-7-1. Sacramento River at Balls Ferry, Long-Term Average Temperature

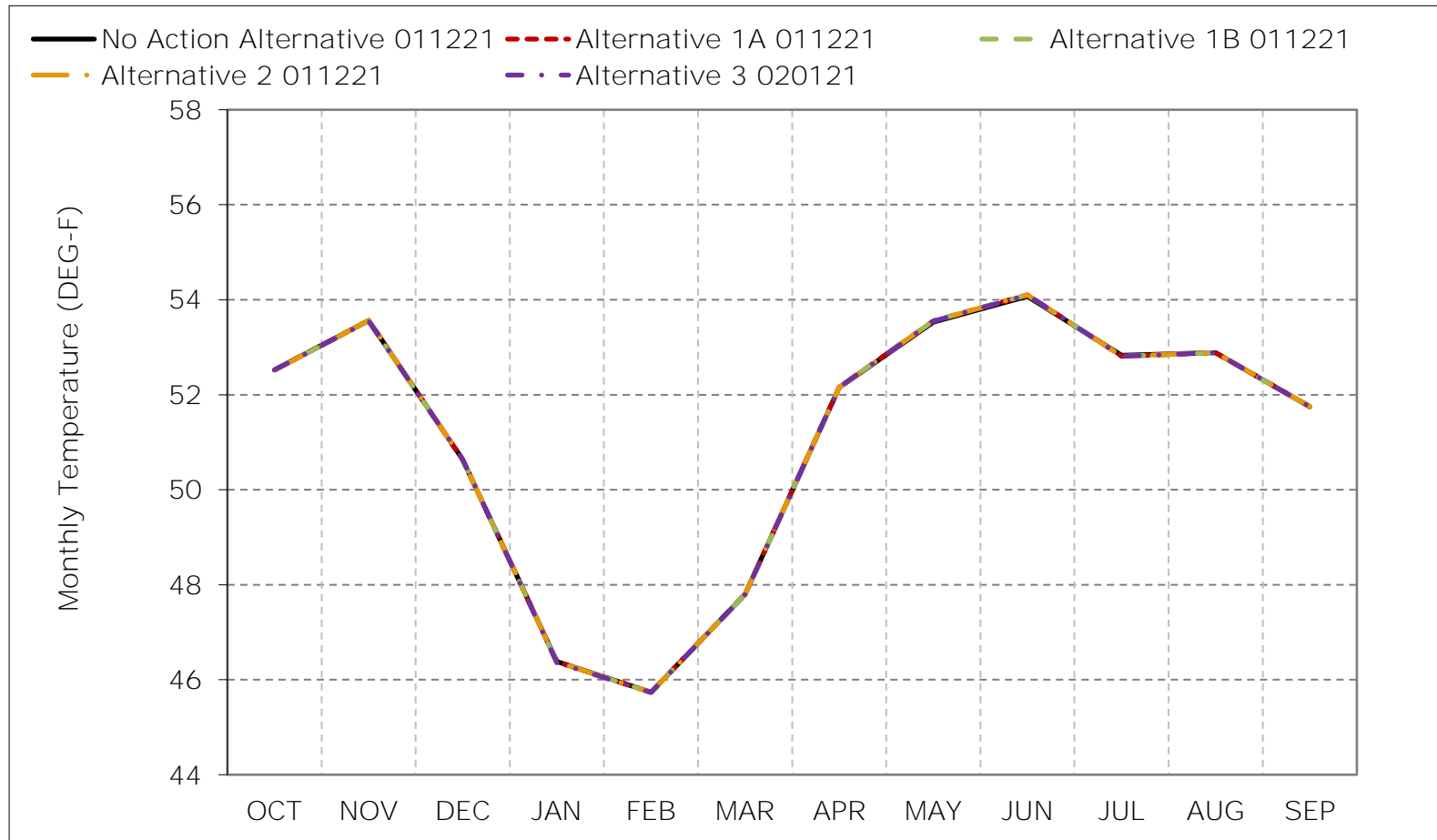


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-7-2. Sacramento River at Balls Ferry, Wet Year Average Temperature

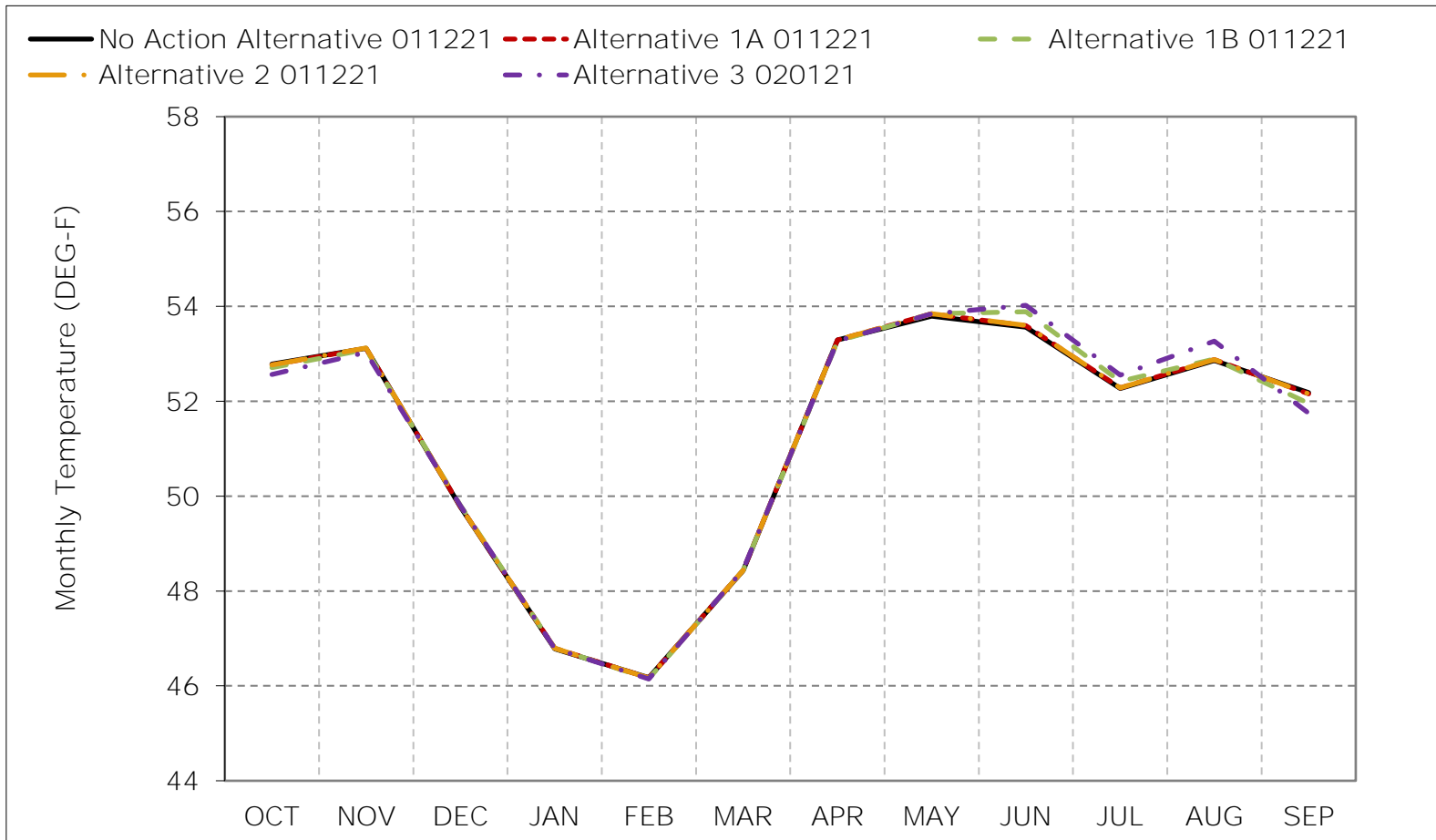


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-7-3. Sacramento River at Balls Ferry, Above Normal Year Average Temperat

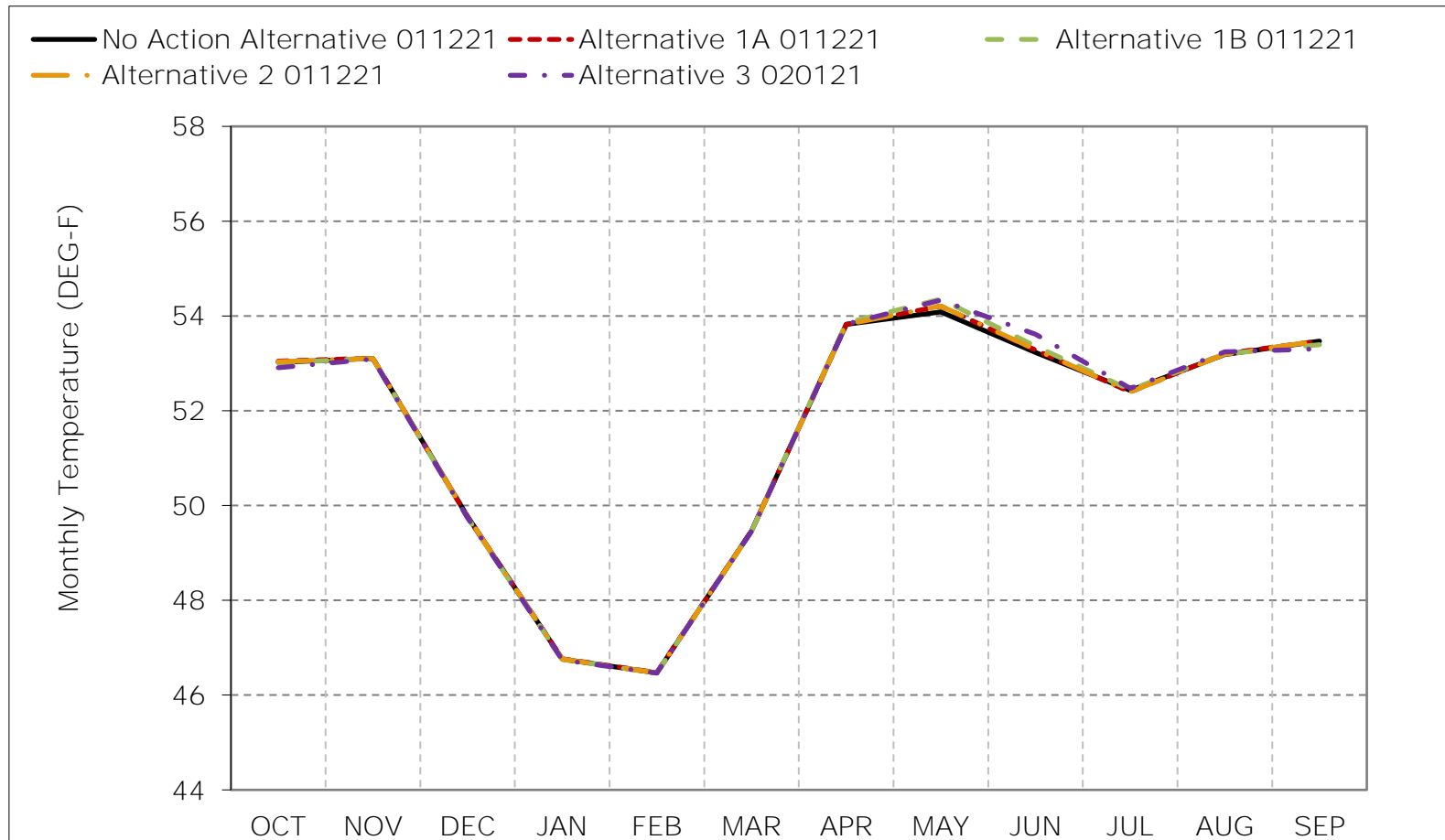


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-7-4. Sacramento River at Balls Ferry, Below Normal Year Average Temperat

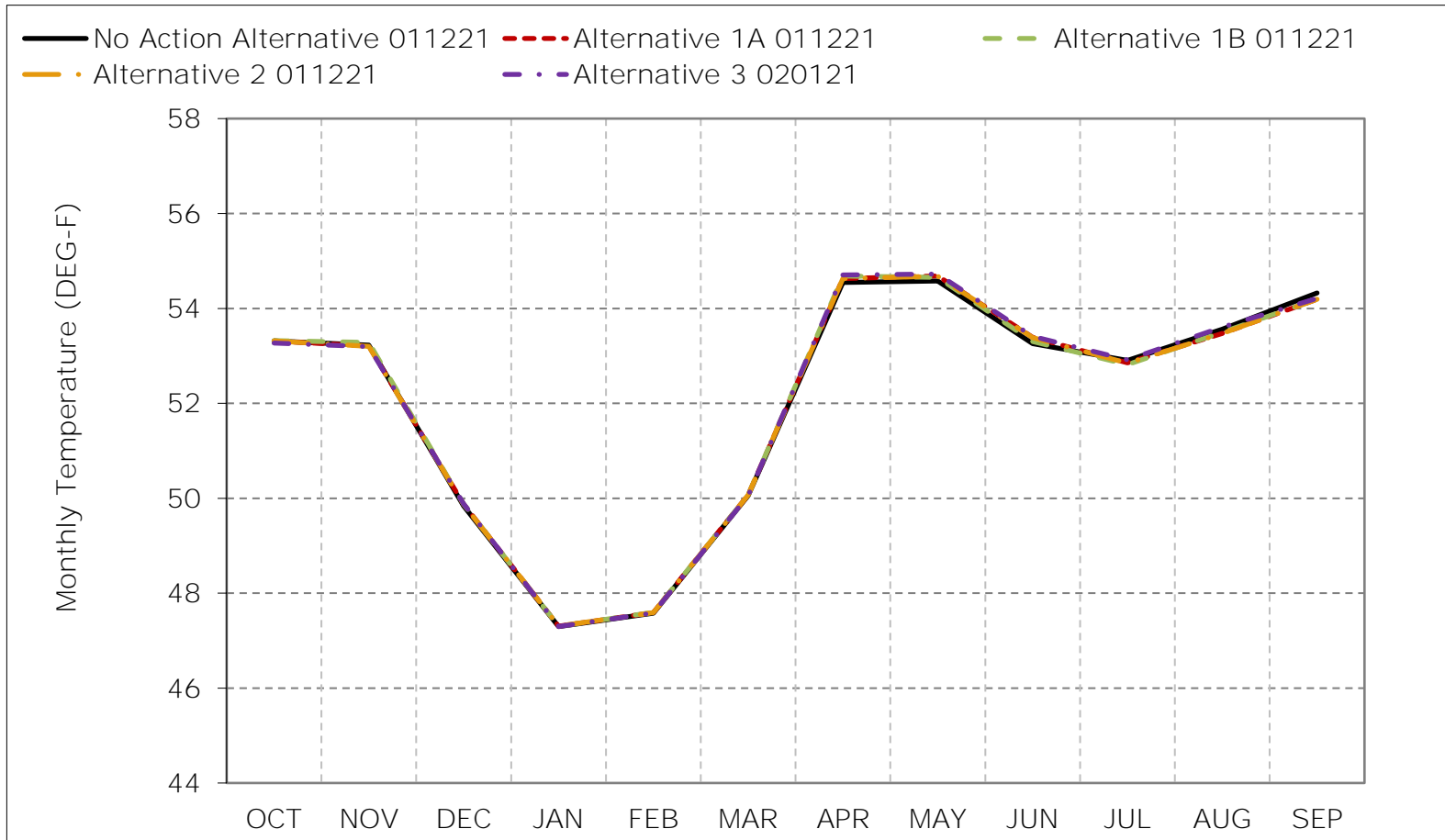


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-7-5. Sacramento River at Balls Ferry, Dry Year Average Temperature



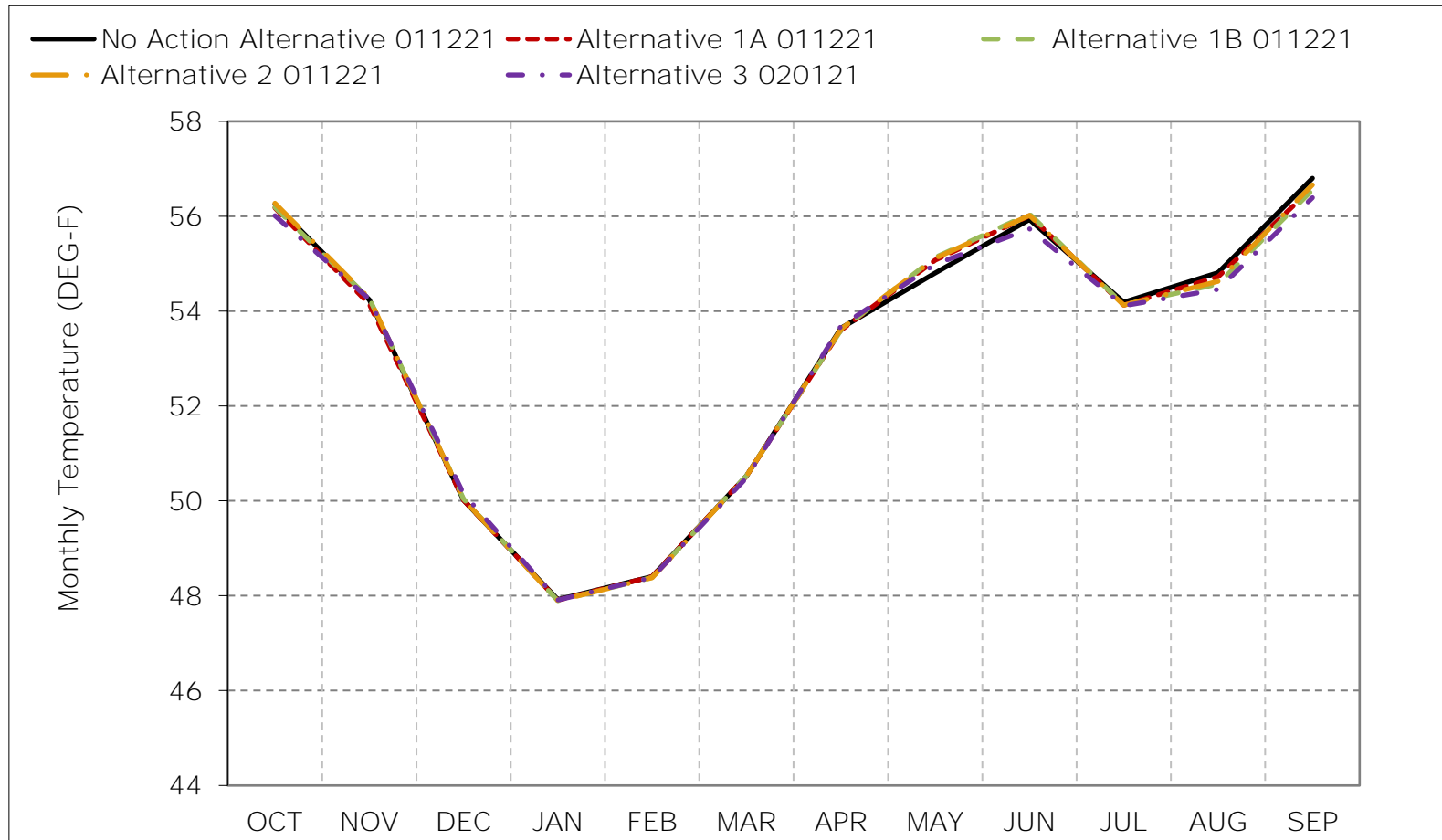
\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.



Figure 6C-7-6. Sacramento River at Balls Ferry, Critical Year Average Temperature

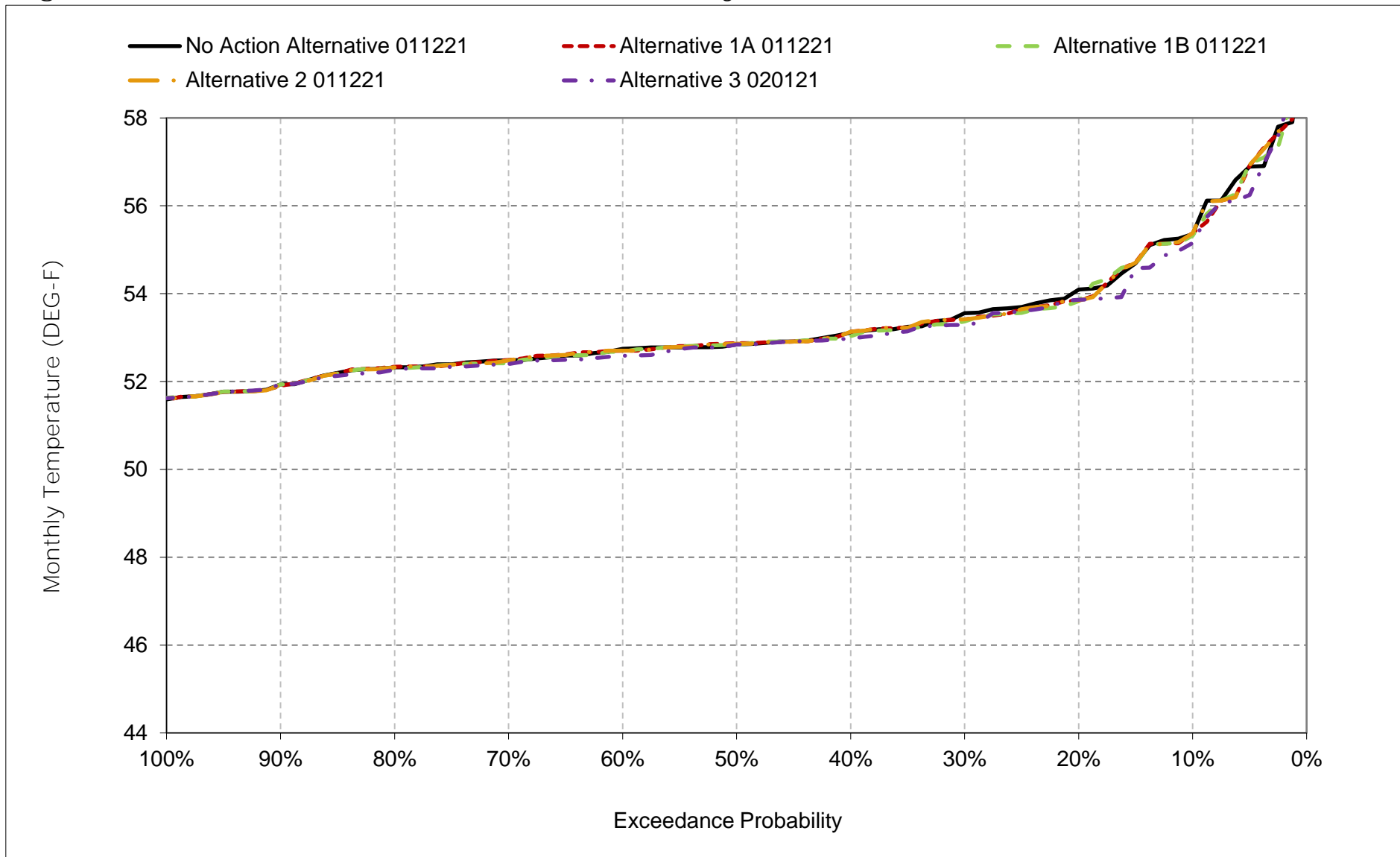


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

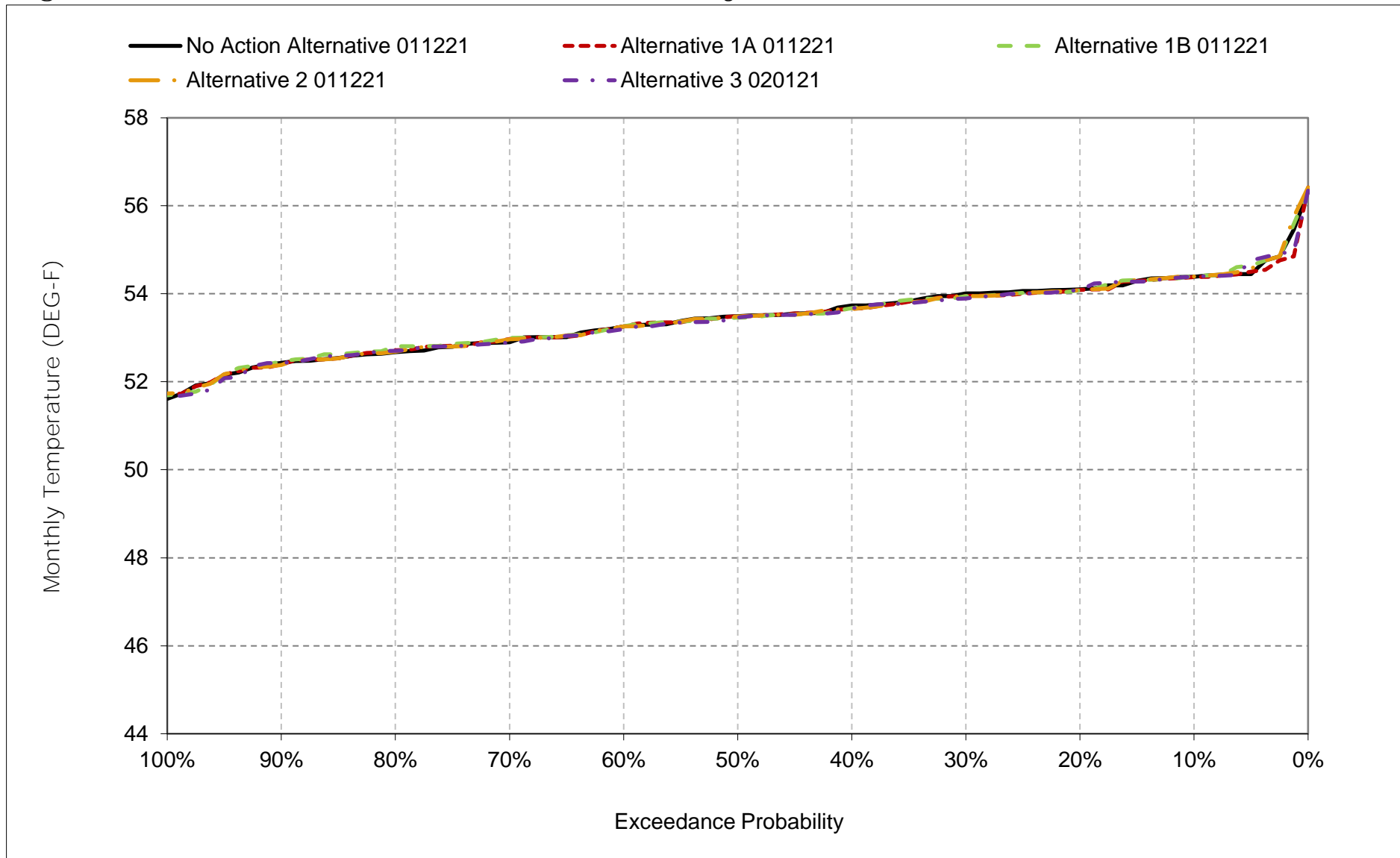
\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-7-7. Sacramento River at Balls Ferry, October



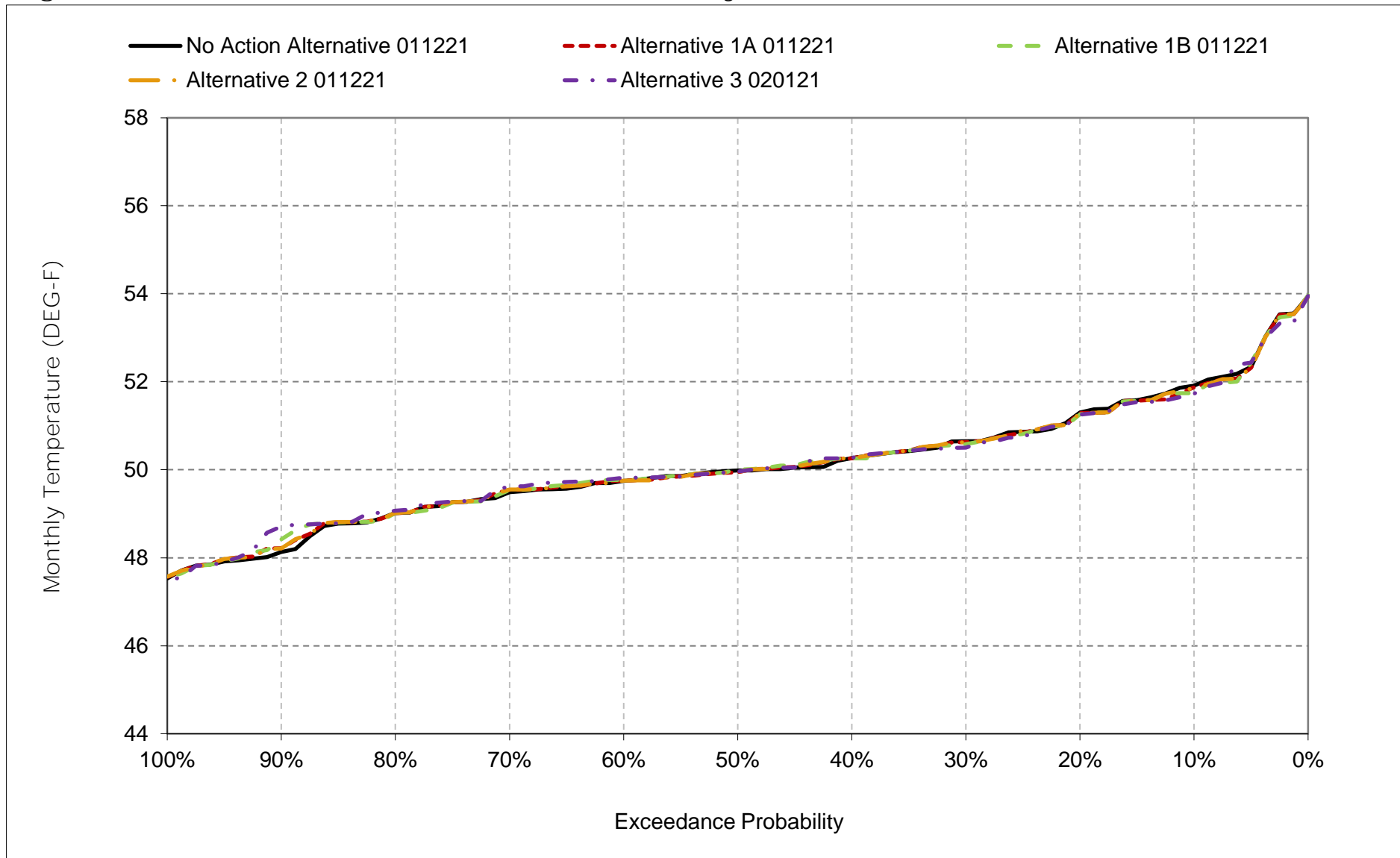
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-7-8. Sacramento River at Balls Ferry, November



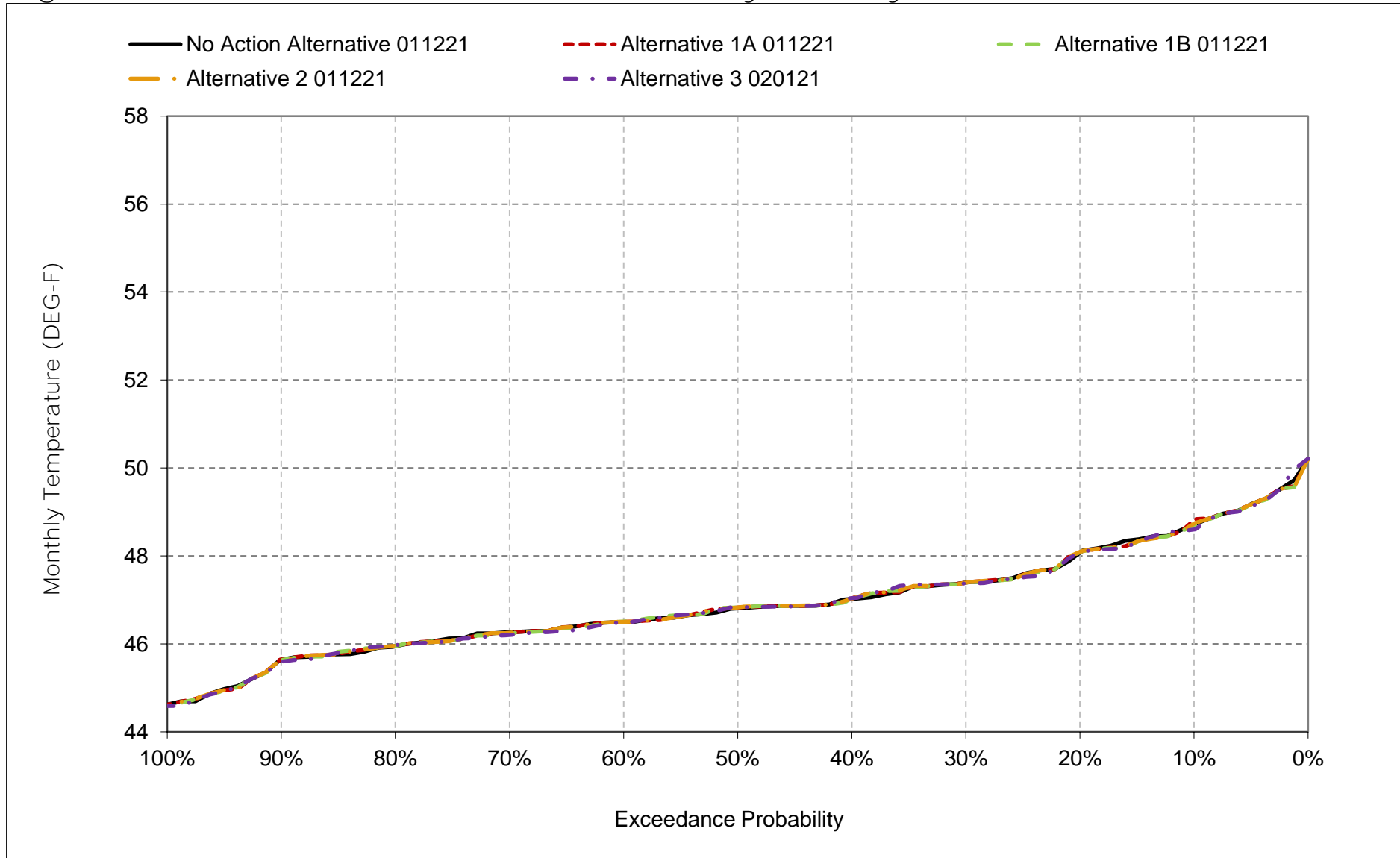
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-7-9. Sacramento River at Balls Ferry, December



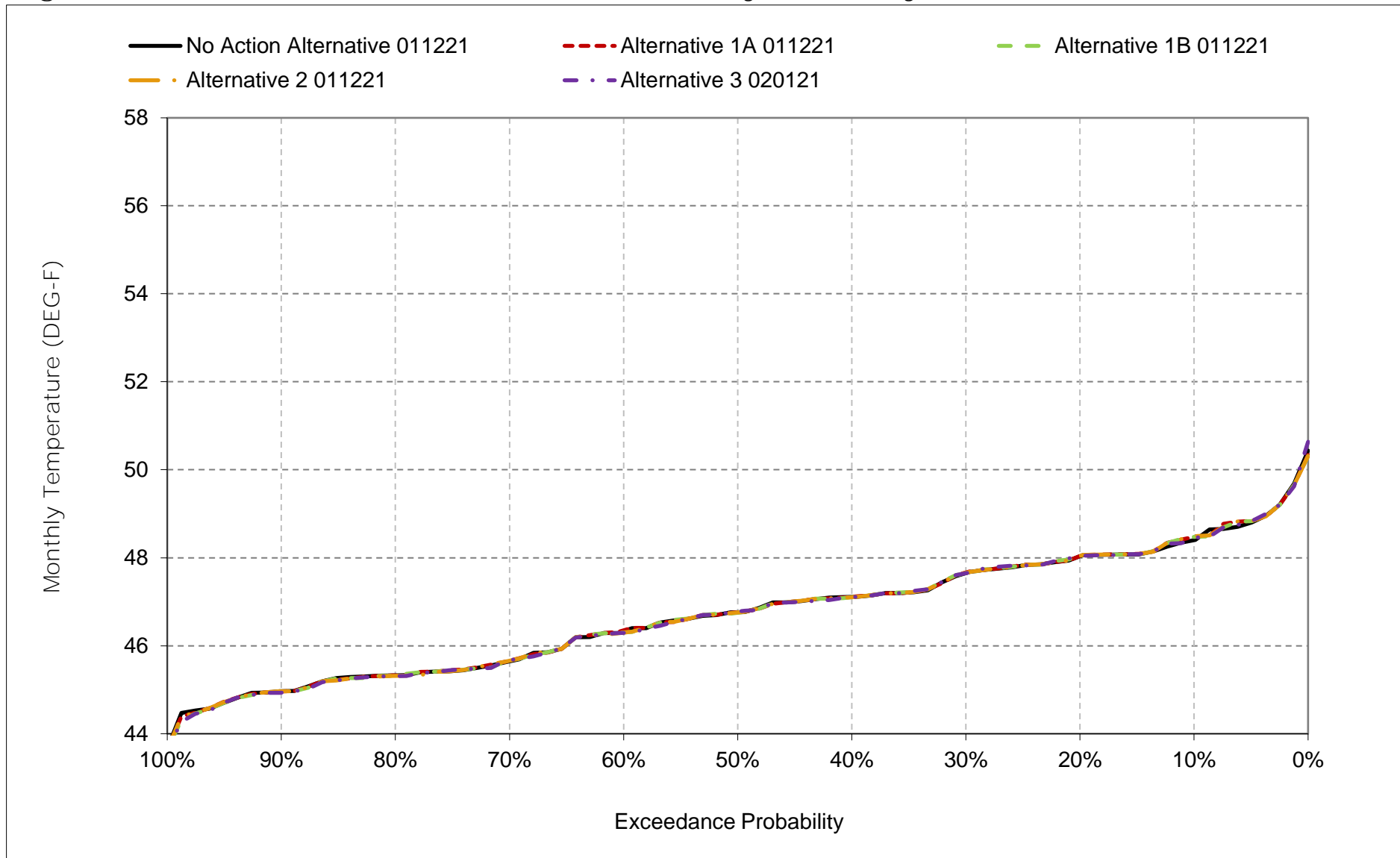
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-7-10. Sacramento River at Balls Ferry, January



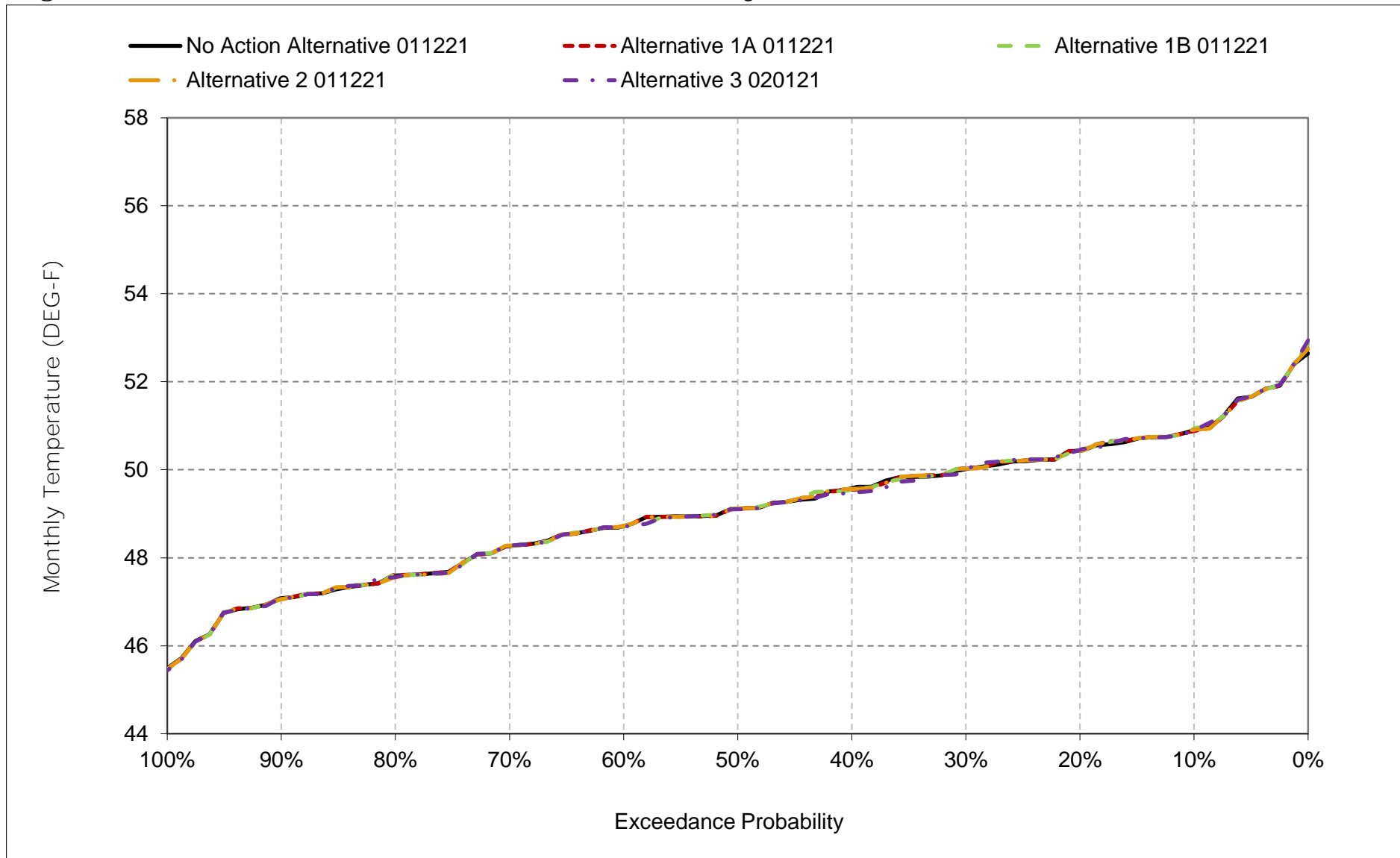
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-7-11. Sacramento River at Balls Ferry, February



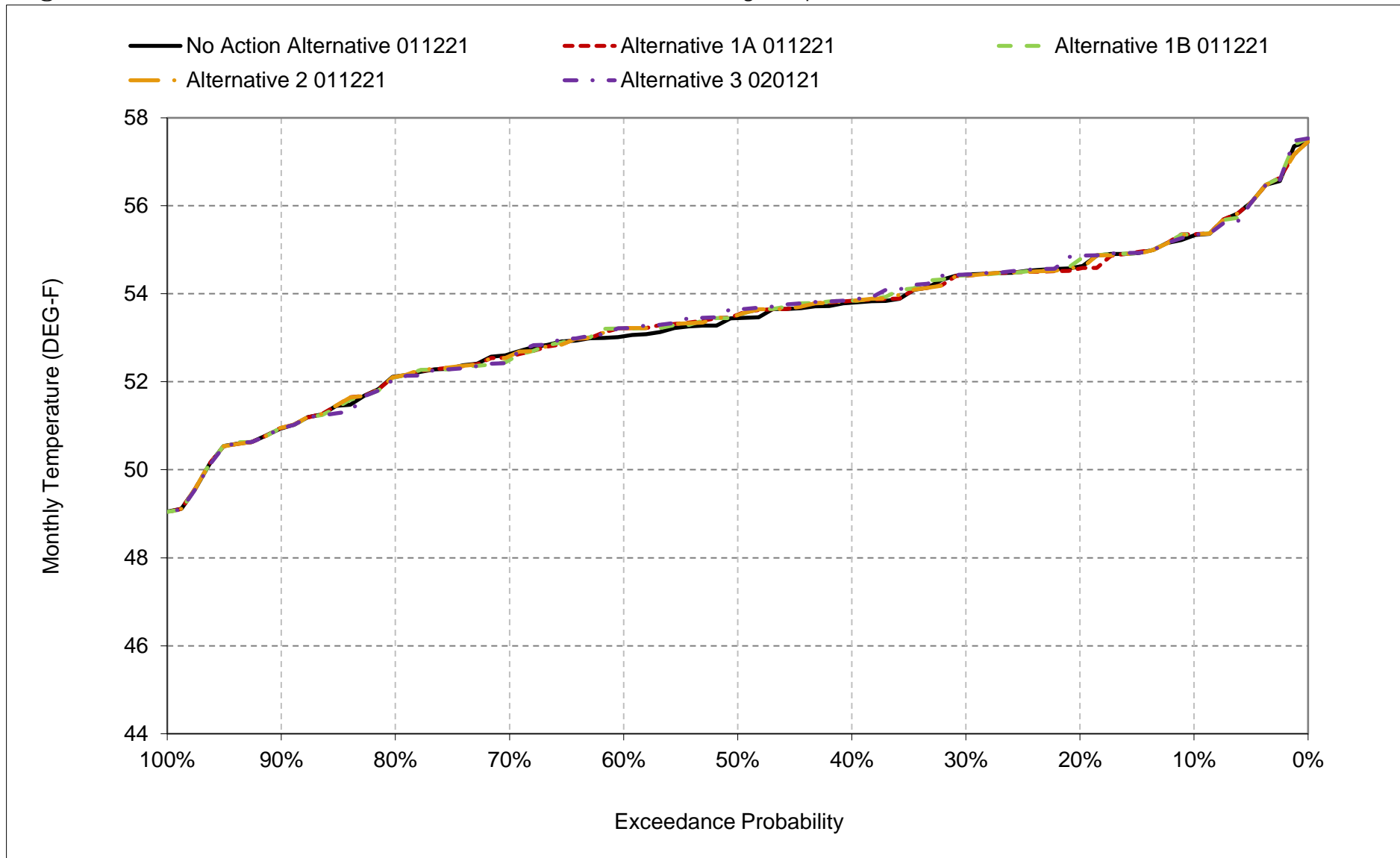
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-7-12. Sacramento River at Balls Ferry, March



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

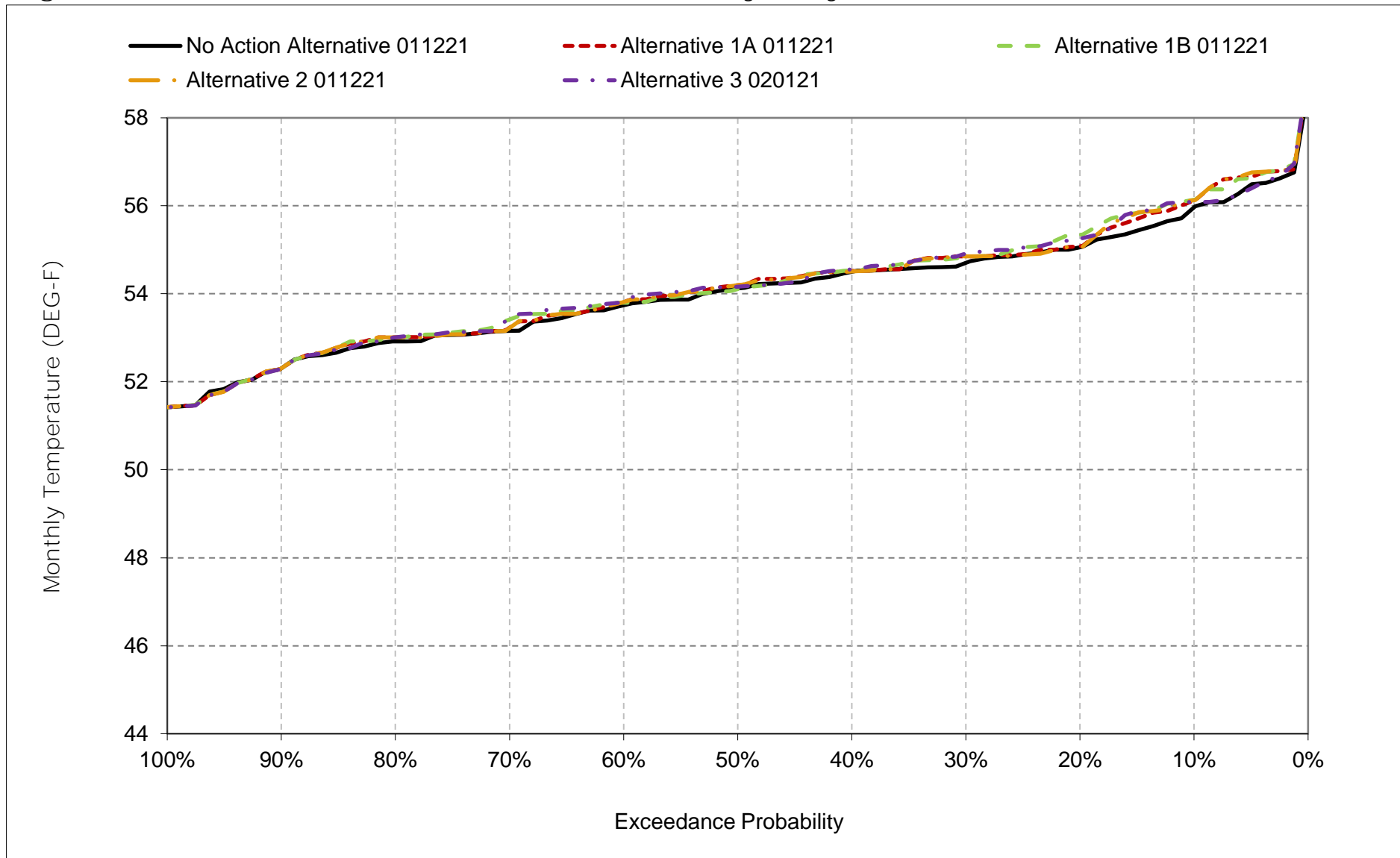
Figure 6C-7-13. Sacramento River at Balls Ferry, April



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

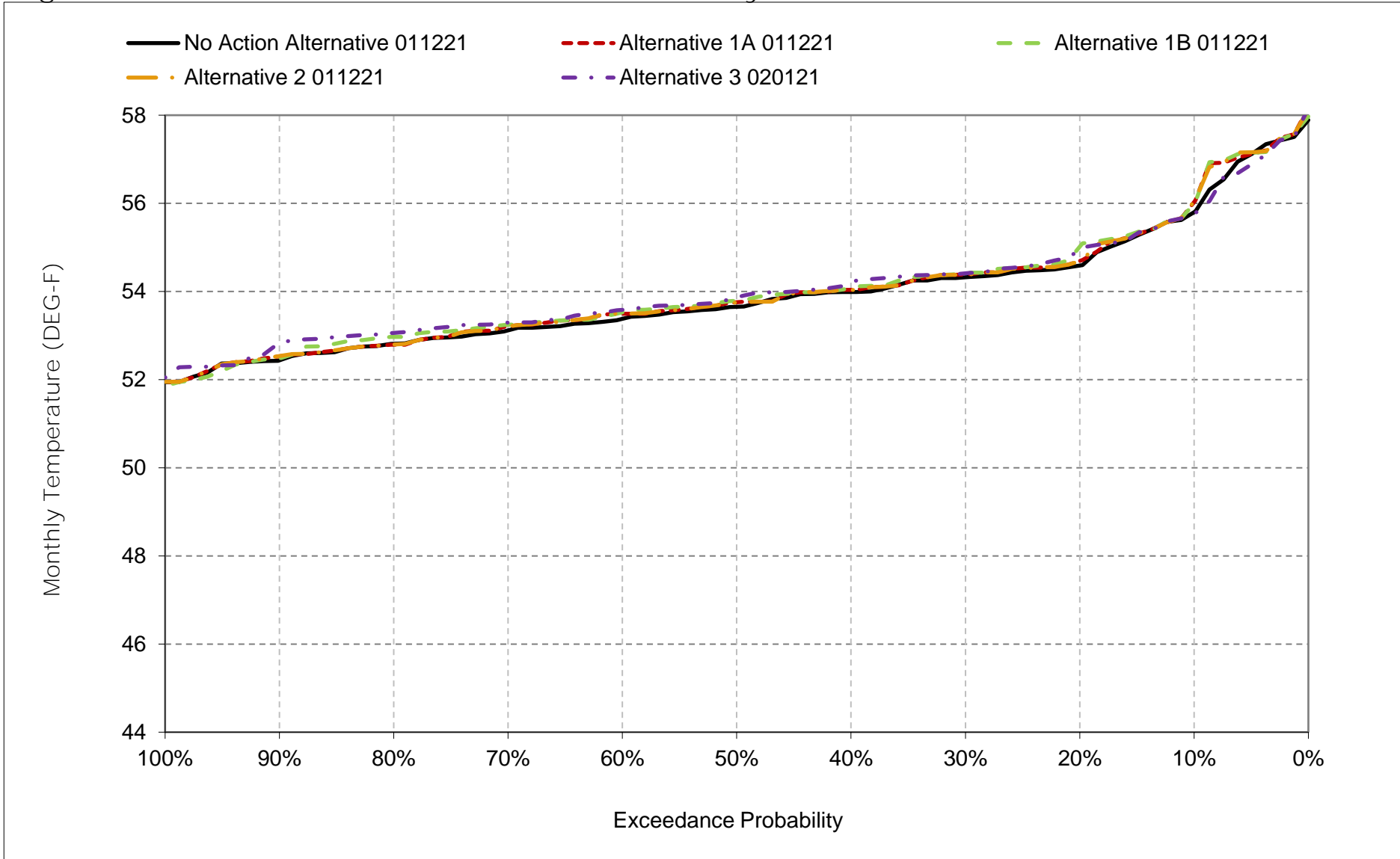


Figure 6C-7-14. Sacramento River at Balls Ferry, May



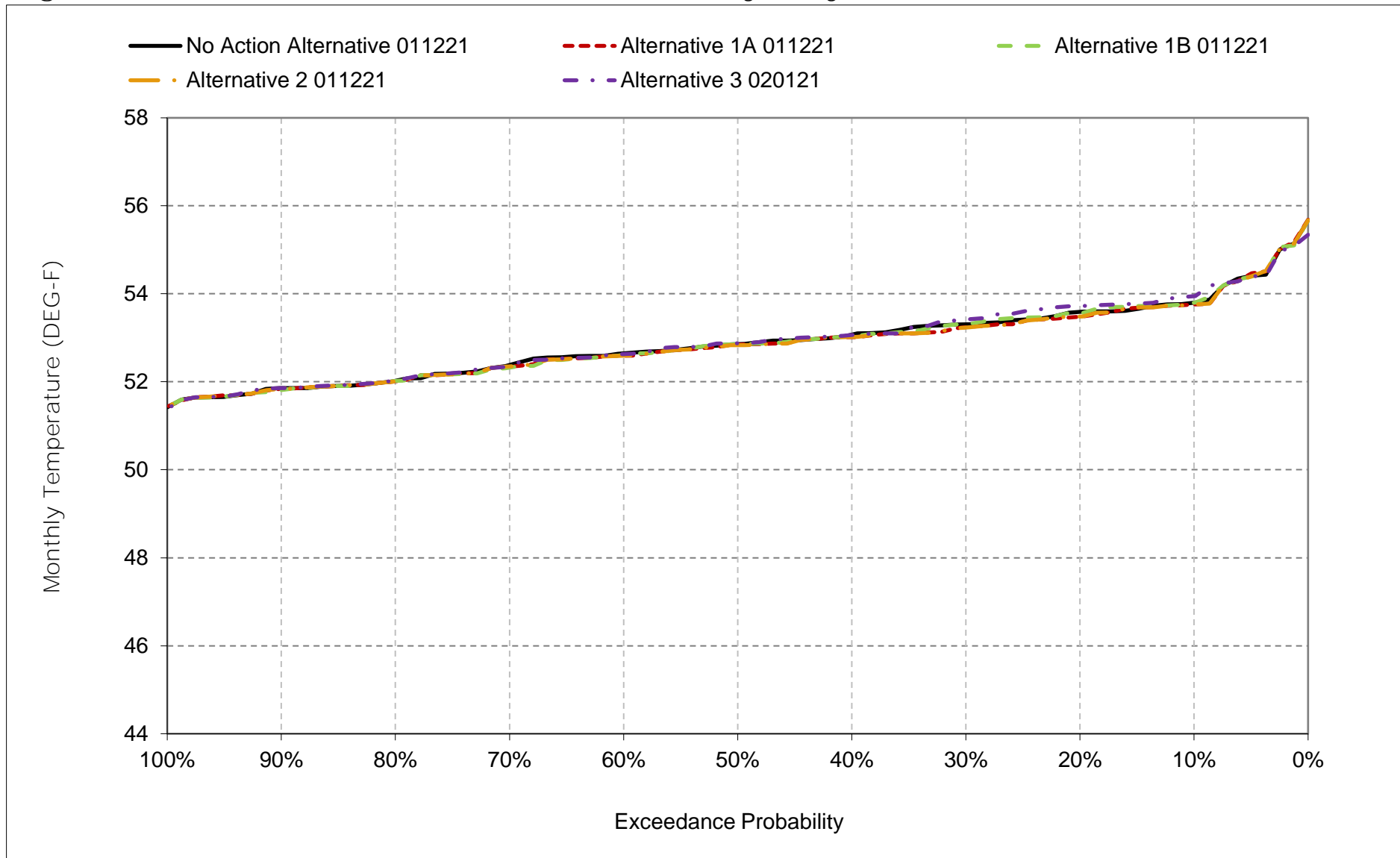
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-7-15. Sacramento River at Balls Ferry, June



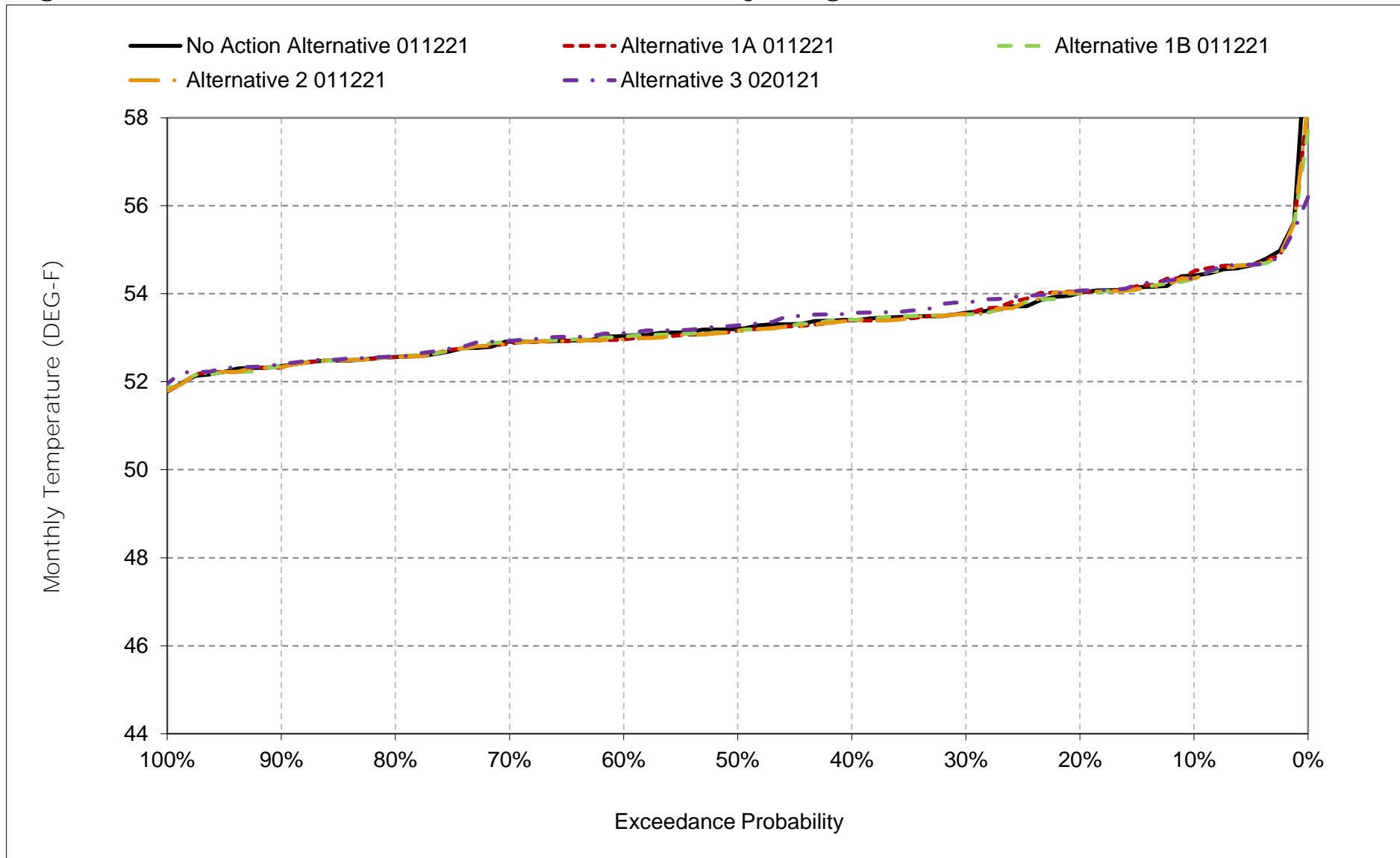
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-7-16. Sacramento River at Balls Ferry, July



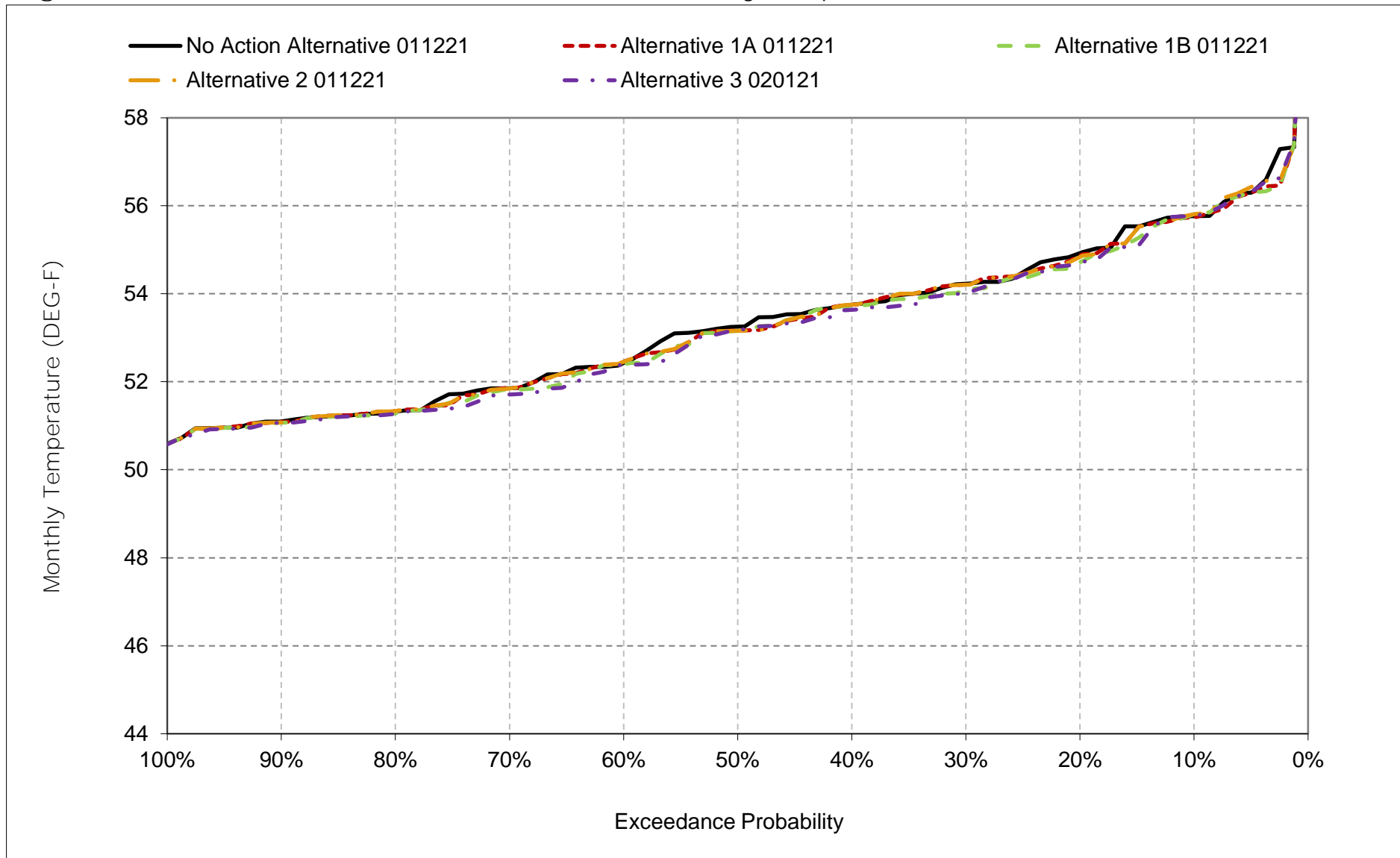
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-7-17. Sacramento River at Balls Ferry, August



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-7-18. Sacramento River at Balls Ferry, September



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-8-1a. Sacramento River at Jellys Ferry, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	55.8	54.2	51.1	48.1	48.4	51.5	56.4	57.5	58.1	55.6	56.1	57.5
20%	54.9	53.8	50.6	47.3	48.0	50.9	55.9	56.8	57.0	55.3	55.6	56.5
30%	54.1	53.7	49.8	47.0	47.4	50.5	55.3	56.3	56.6	55.1	55.2	55.9
40%	53.9	53.3	49.3	46.5	47.2	50.1	54.9	56.0	56.1	54.8	54.9	55.4
50%	53.5	53.1	49.1	46.3	46.9	49.7	54.6	55.7	55.7	54.5	54.7	54.8
60%	53.4	52.8	48.7	46.1	46.6	49.4	54.2	55.4	55.3	54.2	54.4	53.9
70%	53.1	52.5	48.6	45.8	45.9	49.0	53.8	55.1	54.8	53.8	54.3	53.2
80%	52.9	52.2	48.2	45.7	45.7	48.1	53.2	54.6	54.4	53.4	54.0	52.5
90%	52.5	52.0	47.4	45.3	45.4	47.6	51.9	54.0	54.0	53.1	53.7	52.3
Long Term												
Full Simulation Period <sup>a</sup>	54.0	53.1	49.3	46.5	46.9	49.6	54.4	55.7	55.8	54.5	54.8	54.9
Water Year Types <sup>b,c</sup>												
Wet (32%)	53.1	53.2	49.8	46.1	46.0	48.4	53.1	55.4	56.4	54.6	54.4	53.0
Above Normal (15%)	53.5	52.8	49.0	46.4	46.4	49.0	54.3	55.6	55.6	53.7	54.3	53.5
Below Normal (17%)	53.7	52.7	49.1	46.3	46.6	50.0	54.9	55.8	54.9	53.9	54.6	55.0
Dry (22%)	54.0	52.8	49.0	46.7	47.6	50.6	55.5	56.1	54.8	54.3	55.0	56.0
Critical (15%)	56.7	53.8	49.1	47.4	48.5	51.0	54.9	56.1	57.4	55.9	56.3	58.3

Table 6C-8-1b. Sacramento River at Jellys Ferry, Alternative 1A 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	55.9	54.2	51.1	48.1	48.4	51.5	56.4	58.2	58.2	55.7	56.1	57.5
20%	54.6	53.8	50.5	47.4	48.0	50.9	55.8	56.9	57.2	55.3	55.6	56.5
30%	54.1	53.6	49.9	47.0	47.4	50.5	55.3	56.4	56.6	55.0	55.2	56.0
40%	53.8	53.3	49.3	46.5	47.2	50.1	54.9	56.1	56.1	54.7	54.9	55.3
50%	53.6	53.1	49.1	46.3	46.9	49.7	54.6	55.8	55.7	54.4	54.6	54.6
60%	53.4	52.7	48.8	46.1	46.6	49.4	54.3	55.5	55.4	54.2	54.4	53.9
70%	53.2	52.5	48.6	45.8	45.9	49.0	53.8	55.1	55.0	53.8	54.3	53.2
80%	52.9	52.2	48.2	45.7	45.7	48.1	53.2	54.7	54.4	53.4	54.0	52.5
90%	52.5	52.0	47.5	45.3	45.4	47.6	51.9	54.2	54.0	53.1	53.7	52.3
Long Term												
Full Simulation Period <sup>a</sup>	54.0	53.0	49.3	46.5	46.9	49.6	54.4	55.9	55.9	54.5	54.8	54.8
Water Year Types <sup>b,c</sup>												
Wet (32%)	53.1	53.2	49.8	46.1	46.0	48.4	53.1	55.4	56.5	54.6	54.4	53.0
Above Normal (15%)	53.5	52.8	49.0	46.4	46.3	49.0	54.3	55.7	55.6	53.7	54.3	53.5
Below Normal (17%)	53.7	52.7	49.1	46.3	46.7	50.0	54.9	55.9	55.0	53.8	54.6	55.0
Dry (22%)	54.0	52.8	49.0	46.7	47.6	50.6	55.6	56.2	55.0	54.3	54.9	55.9
Critical (15%)	56.6	53.7	49.1	47.4	48.5	51.0	54.8	56.5	57.5	55.8	56.3	58.1

Table 6C-8-1c. Sacramento River at Jellys Ferry, Alternative 1A 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.1	0.1	0.0	0.0
20%	-0.3	-0.1	-0.1	0.1	0.0	0.0	-0.1	0.0	0.2	0.0	0.1	0.0
30%	0.1	-0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.1	0.1
40%	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-0.1	-0.1	-0.1
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0	-0.1	-0.2
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	-0.1	0.0
70%	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	-0.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	-0.1	-0.1	-0.2
Critical (15%)	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.3	0.1	-0.1	-0.1	-0.2

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-8-2a. Sacramento River at Jellys Ferry, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	55.8	54.2	51.1	48.1	48.4	51.5	56.4	57.5	58.1	55.6	56.1	57.5
20%	54.9	53.8	50.6	47.3	48.0	50.9	55.9	56.8	57.0	55.3	55.6	56.5
30%	54.1	53.7	49.8	47.0	47.4	50.5	55.3	56.3	56.6	55.1	55.2	55.9
40%	53.9	53.3	49.3	46.5	47.2	50.1	54.9	56.0	56.1	54.8	54.9	55.4
50%	53.5	53.1	49.1	46.3	46.9	49.7	54.6	55.7	55.7	54.5	54.7	54.8
60%	53.4	52.8	48.7	46.1	46.6	49.4	54.2	55.4	55.3	54.2	54.4	53.9
70%	53.1	52.5	48.6	45.8	45.9	49.0	53.8	55.1	54.8	53.8	54.3	53.2
80%	52.9	52.2	48.2	45.7	45.7	48.1	53.2	54.6	54.4	53.4	54.0	52.5
90%	52.5	52.0	47.4	45.3	45.4	47.6	51.9	54.0	54.0	53.1	53.7	52.3
Long Term												
Full Simulation Period <sup>a</sup>	54.0	53.1	49.3	46.5	46.9	49.6	54.4	55.7	55.8	54.5	54.8	54.9
Water Year Types <sup>b,c</sup>												
Wet (32%)	53.1	53.2	49.8	46.1	46.0	48.4	53.1	55.4	56.4	54.6	54.4	53.0
Above Normal (15%)	53.5	52.8	49.0	46.4	46.4	49.0	54.3	55.6	55.6	53.7	54.3	53.5
Below Normal (17%)	53.7	52.7	49.1	46.3	46.6	50.0	54.9	55.8	54.9	53.9	54.6	55.0
Dry (22%)	54.0	52.8	49.0	46.7	47.6	50.6	55.5	56.1	54.8	54.3	55.0	56.0
Critical (15%)	56.7	53.8	49.1	47.4	48.5	51.0	54.9	56.1	57.4	55.9	56.3	58.3

Table 6C-8-2b. Sacramento River at Jellys Ferry, Alternative 1B 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	55.8	54.2	51.1	48.1	48.4	51.6	56.4	58.1	58.2	55.9	56.0	57.5
20%	54.6	53.7	50.5	47.4	48.0	50.9	55.9	57.0	57.3	55.3	55.6	56.3
30%	54.1	53.7	49.8	47.0	47.4	50.5	55.4	56.6	56.7	55.0	55.1	55.7
40%	53.8	53.3	49.3	46.5	47.2	50.0	54.9	56.1	56.2	54.8	54.9	55.2
50%	53.5	53.1	49.1	46.3	46.9	49.7	54.6	55.8	55.8	54.4	54.6	54.7
60%	53.4	52.8	48.8	46.1	46.6	49.4	54.3	55.4	55.5	54.2	54.4	53.8
70%	53.1	52.5	48.6	45.8	45.9	49.0	53.7	55.1	55.0	53.8	54.3	53.1
80%	52.9	52.2	48.1	45.7	45.7	48.1	53.2	54.7	54.6	53.4	54.0	52.5
90%	52.5	52.0	47.5	45.3	45.4	47.6	51.9	54.2	54.0	53.1	53.7	52.3
Long Term												
Full Simulation Period <sup>a</sup>	54.0	53.1	49.3	46.5	46.9	49.6	54.4	55.9	56.0	54.5	54.8	54.7
Water Year Types <sup>b,c</sup>												
Wet (32%)	53.1	53.2	49.8	46.1	46.0	48.4	53.1	55.4	56.5	54.6	54.4	53.0
Above Normal (15%)	53.4	52.7	49.0	46.4	46.3	49.0	54.3	55.7	56.0	53.9	54.3	53.2
Below Normal (17%)	53.7	52.7	49.1	46.3	46.6	50.0	55.0	56.1	55.1	53.9	54.6	54.9
Dry (22%)	54.0	52.9	49.0	46.7	47.6	50.6	55.7	56.2	54.9	54.2	55.0	55.9
Critical (15%)	56.6	53.9	49.1	47.4	48.5	51.1	54.8	56.5	57.5	55.8	56.1	58.0

Table 6C-8-2c. Sacramento River at Jellys Ferry, Alternative 1B 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.3	-0.1	0.0
20%	-0.3	-0.1	-0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	-0.2
30%	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.3	0.1	-0.1	0.0	-0.2
40%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	-0.2
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	-0.1	-0.1
60%	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.2	0.0	0.0	-0.1
70%	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.2	-0.1	0.0	0.0
80%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0
90%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	-0.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.2	0.0	-0.3
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.0	-0.1
Dry (22%)	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	-0.1	-0.1	-0.2
Critical (15%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	-0.1	-0.2	-0.3

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-8-3a. Sacramento River at Jellys Ferry, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	55.8	54.2	51.1	48.1	48.4	51.5	56.4	57.5	58.1	55.6	56.1	57.5
20%	54.9	53.8	50.6	47.3	48.0	50.9	55.9	56.8	57.0	55.3	55.6	56.5
30%	54.1	53.7	49.8	47.0	47.4	50.5	55.3	56.3	56.6	55.1	55.2	55.9
40%	53.9	53.3	49.3	46.5	47.2	50.1	54.9	56.0	56.1	54.8	54.9	55.4
50%	53.5	53.1	49.1	46.3	46.9	49.7	54.6	55.7	55.7	54.5	54.7	54.8
60%	53.4	52.8	48.7	46.1	46.6	49.4	54.2	55.4	55.3	54.2	54.4	53.9
70%	53.1	52.5	48.6	45.8	45.9	49.0	53.8	55.1	54.8	53.8	54.3	53.2
80%	52.9	52.2	48.2	45.7	45.7	48.1	53.2	54.6	54.4	53.4	54.0	52.5
90%	52.5	52.0	47.4	45.3	45.4	47.6	51.9	54.0	54.0	53.1	53.7	52.3
Long Term												
Full Simulation Period <sup>a</sup>	54.0	53.1	49.3	46.5	46.9	49.6	54.4	55.7	55.8	54.5	54.8	54.9
Water Year Types <sup>b,c</sup>												
Wet (32%)	53.1	53.2	49.8	46.1	46.0	48.4	53.1	55.4	56.4	54.6	54.4	53.0
Above Normal (15%)	53.5	52.8	49.0	46.4	46.4	49.0	54.3	55.6	55.6	53.7	54.3	53.5
Below Normal (17%)	53.7	52.7	49.1	46.3	46.6	50.0	54.9	55.8	54.9	53.9	54.6	55.0
Dry (22%)	54.0	52.8	49.0	46.7	47.6	50.6	55.5	56.1	54.8	54.3	55.0	56.0
Critical (15%)	56.7	53.8	49.1	47.4	48.5	51.0	54.9	56.1	57.4	55.9	56.3	58.3

Table 6C-8-3b. Sacramento River at Jellys Ferry, Alternative 2 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	55.9	54.2	51.1	48.1	48.5	51.5	56.5	58.2	58.2	55.7	56.0	57.6
20%	54.6	53.8	50.5	47.4	48.0	50.9	55.8	56.9	57.2	55.3	55.6	56.5
30%	54.1	53.6	49.9	47.0	47.4	50.5	55.4	56.4	56.6	55.0	55.1	56.0
40%	53.8	53.3	49.3	46.5	47.2	50.1	54.9	56.1	56.1	54.7	54.9	55.3
50%	53.6	53.1	49.1	46.3	46.9	49.7	54.6	55.8	55.7	54.4	54.6	54.6
60%	53.4	52.7	48.8	46.1	46.6	49.4	54.2	55.5	55.4	54.2	54.4	53.9
70%	53.1	52.5	48.6	45.8	45.9	49.0	53.8	55.1	55.0	53.8	54.3	53.2
80%	53.0	52.2	48.2	45.7	45.7	48.1	53.2	54.7	54.4	53.4	54.0	52.5
90%	52.5	52.0	47.5	45.3	45.4	47.6	51.9	54.2	54.0	53.1	53.7	52.3
Long Term												
Full Simulation Period <sup>a</sup>	54.0	53.1	49.3	46.5	46.9	49.6	54.4	55.9	55.9	54.5	54.8	54.8
Water Year Types <sup>b,c</sup>												
Wet (32%)	53.1	53.2	49.8	46.1	46.0	48.4	53.1	55.4	56.5	54.6	54.4	53.0
Above Normal (15%)	53.5	52.8	49.0	46.4	46.3	49.0	54.3	55.7	55.6	53.7	54.3	53.5
Below Normal (17%)	53.7	52.7	49.1	46.3	46.6	50.0	54.9	55.9	55.0	53.8	54.6	55.0
Dry (22%)	54.0	52.8	49.0	46.7	47.6	50.6	55.6	56.2	54.9	54.3	54.9	55.9
Critical (15%)	56.7	53.9	49.1	47.4	48.5	51.0	54.8	56.5	57.5	55.8	56.2	58.2

Table 6C-8-3c. Sacramento River at Jellys Ferry, Alternative 2 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.1	0.1	-0.1	0.1
20%	-0.3	0.0	-0.1	0.1	0.0	0.0	-0.1	0.1	0.2	0.0	0.1	0.0
30%	0.1	-0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0	0.1
40%	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-0.1	0.0	-0.1
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0	-0.1	-0.2
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	-0.1	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	-0.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	-0.1	-0.1	-0.2
Critical (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	-0.1	-0.2	-0.2

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.



Table 6C-8-4a. Sacramento River at Jellys Ferry, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	55.8	54.2	51.1	48.1	48.4	51.5	56.4	57.5	58.1	55.6	56.1	57.5
20%	54.9	53.8	50.6	47.3	48.0	50.9	55.9	56.8	57.0	55.3	55.6	56.5
30%	54.1	53.7	49.8	47.0	47.4	50.5	55.3	56.3	56.6	55.1	55.2	55.9
40%	53.9	53.3	49.3	46.5	47.2	50.1	54.9	56.0	56.1	54.8	54.9	55.4
50%	53.5	53.1	49.1	46.3	46.9	49.7	54.6	55.7	55.7	54.5	54.7	54.8
60%	53.4	52.8	48.7	46.1	46.6	49.4	54.2	55.4	55.3	54.2	54.4	53.9
70%	53.1	52.5	48.6	45.8	45.9	49.0	53.8	55.1	54.8	53.8	54.3	53.2
80%	52.9	52.2	48.2	45.7	45.7	48.1	53.2	54.6	54.4	53.4	54.0	52.5
90%	52.5	52.0	47.4	45.3	45.4	47.6	51.9	54.0	54.0	53.1	53.7	52.3
Long Term												
Full Simulation Period <sup>a</sup>	54.0	53.1	49.3	46.5	46.9	49.6	54.4	55.7	55.8	54.5	54.8	54.9
Water Year Types <sup>b,c</sup>												
Wet (32%)	53.1	53.2	49.8	46.1	46.0	48.4	53.1	55.4	56.4	54.6	54.4	53.0
Above Normal (15%)	53.5	52.8	49.0	46.4	46.4	49.0	54.3	55.6	55.6	53.7	54.3	53.5
Below Normal (17%)	53.7	52.7	49.1	46.3	46.6	50.0	54.9	55.8	54.9	53.9	54.6	55.0
Dry (22%)	54.0	52.8	49.0	46.7	47.6	50.6	55.5	56.1	54.8	54.3	55.0	56.0
Critical (15%)	56.7	53.8	49.1	47.4	48.5	51.0	54.9	56.1	57.4	55.9	56.3	58.3

Table 6C-8-4b. Sacramento River at Jellys Ferry, Alternative 3 020121, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	55.6	54.2	51.1	48.1	48.4	51.6	56.4	57.9	58.1	55.9	56.1	57.5
20%	54.6	53.8	50.3	47.3	48.0	50.9	55.9	57.0	57.2	55.5	55.7	56.4
30%	54.0	53.6	49.8	47.0	47.4	50.5	55.4	56.6	56.7	55.2	55.4	55.8
40%	53.7	53.3	49.3	46.6	47.2	50.1	55.0	56.2	56.4	54.9	55.1	55.2
50%	53.5	53.0	49.2	46.3	46.8	49.7	54.7	55.8	55.8	54.5	54.7	54.7
60%	53.2	52.8	48.8	46.1	46.6	49.4	54.3	55.5	55.5	54.2	54.6	53.8
70%	53.1	52.5	48.7	45.8	45.9	49.0	53.7	55.1	55.1	53.8	54.3	53.0
80%	52.8	52.2	48.1	45.7	45.7	48.1	53.2	54.7	54.7	53.4	54.0	52.4
90%	52.5	52.0	47.7	45.2	45.4	47.6	51.9	54.2	54.2	53.1	53.7	52.3
Long Term												
Full Simulation Period <sup>a</sup>	53.9	53.0	49.3	46.5	46.9	49.6	54.4	55.9	56.0	54.5	54.9	54.7
Water Year Types <sup>b,c</sup>												
Wet (32%)	53.1	53.2	49.8	46.1	46.0	48.4	53.1	55.4	56.5	54.6	54.4	53.0
Above Normal (15%)	53.3	52.7	49.0	46.4	46.3	49.0	54.3	55.7	56.2	54.1	54.8	53.0
Below Normal (17%)	53.5	52.7	49.1	46.3	46.6	50.0	54.9	56.1	55.4	53.9	54.7	54.8
Dry (22%)	54.0	52.8	49.1	46.7	47.6	50.5	55.7	56.3	55.0	54.4	55.1	55.9
Critical (15%)	56.5	53.8	49.2	47.4	48.5	51.0	54.9	56.4	57.2	55.8	56.0	57.9

Table 6C-8-4c. Sacramento River at Jellys Ferry, Alternative 3 020121 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	-0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.4	0.0	0.3	0.0	0.0
20%	-0.3	0.0	-0.3	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.1	-0.1
30%	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.3	0.1	0.1	0.2	-0.2
40%	-0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.1	0.2	-0.2
50%	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1	-0.1
60%	-0.2	0.0	0.0	0.0	-0.1	0.0	0.1	0.1	0.2	0.0	0.1	-0.1
70%	-0.1	0.0	0.1	0.0	0.0	0.0	-0.1	0.1	0.4	0.0	0.0	-0.2
80%	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.3	0.1	0.1	0.0
90%	0.0	0.0	0.3	-0.1	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	-0.2
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	-0.3	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.4	0.5	-0.5
Below Normal (17%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.1	0.1	-0.2
Dry (22%)	-0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.2	0.2	0.0	0.1	-0.1
Critical (15%)	-0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.3	-0.2	-0.1	-0.3	-0.4

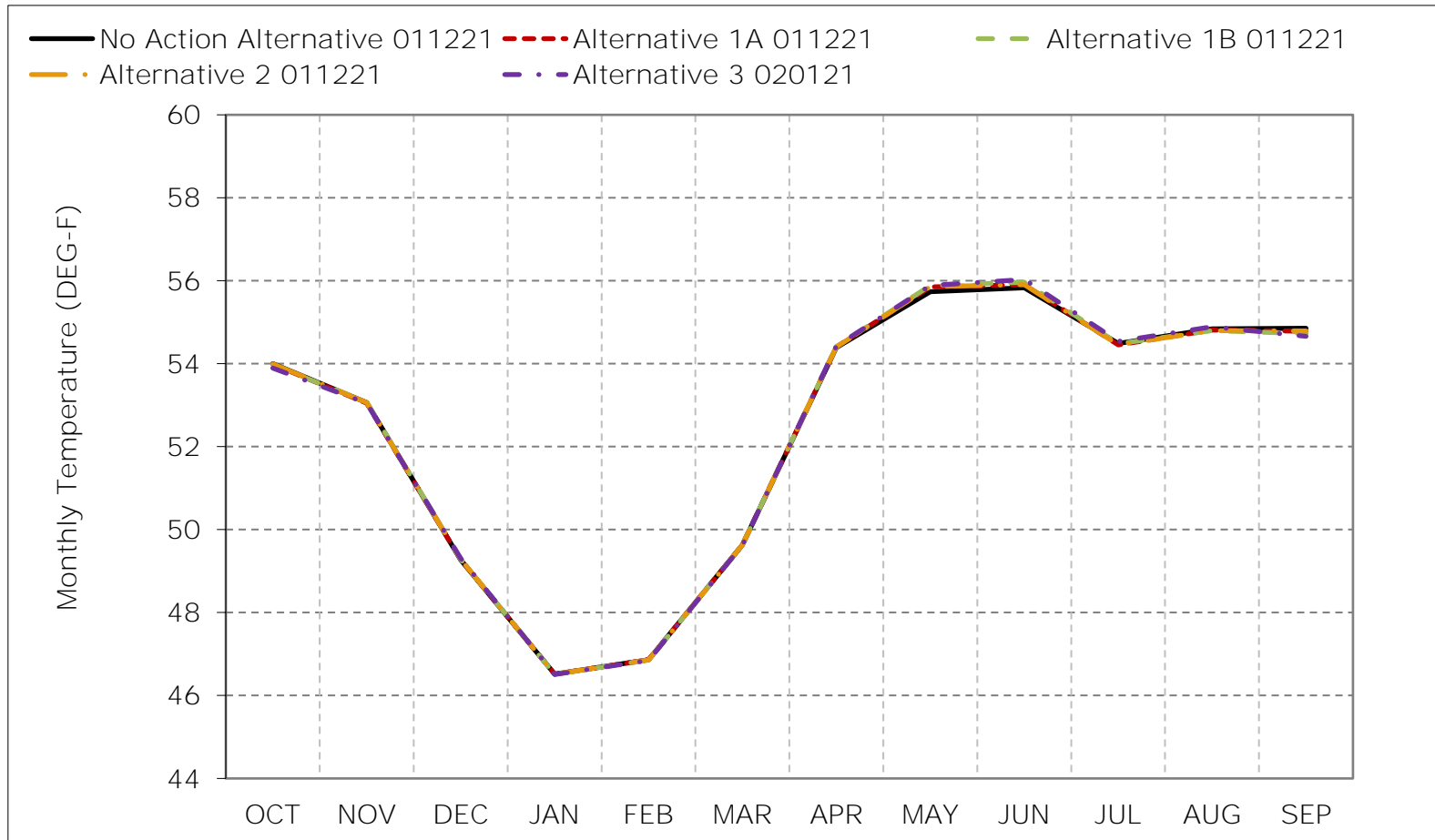
a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-8-1. Sacramento River at Jellys Ferry, Long-Term Average Temperature

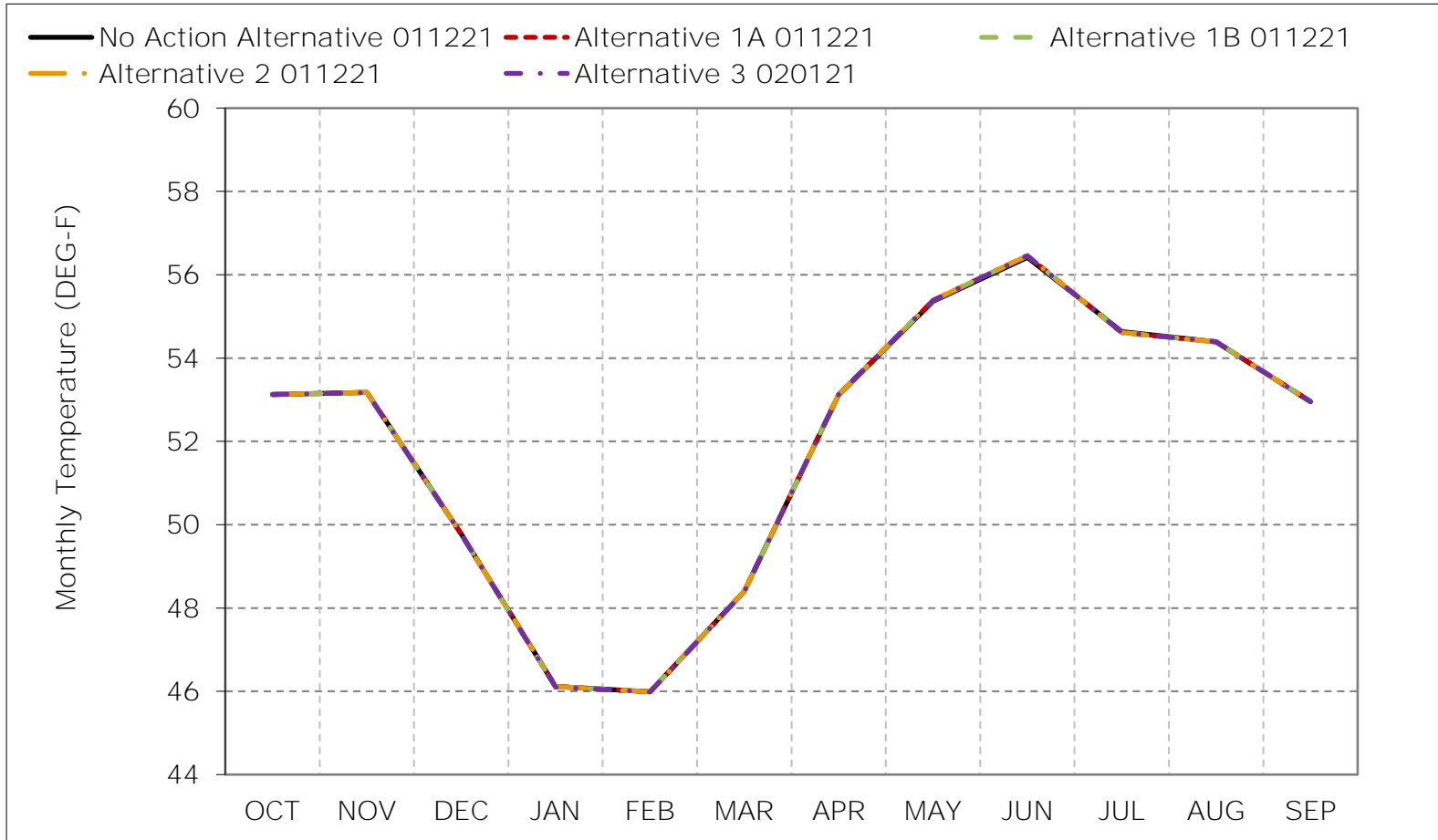


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-8-2. Sacramento River at Jellys Ferry, Wet Year Average Temperature

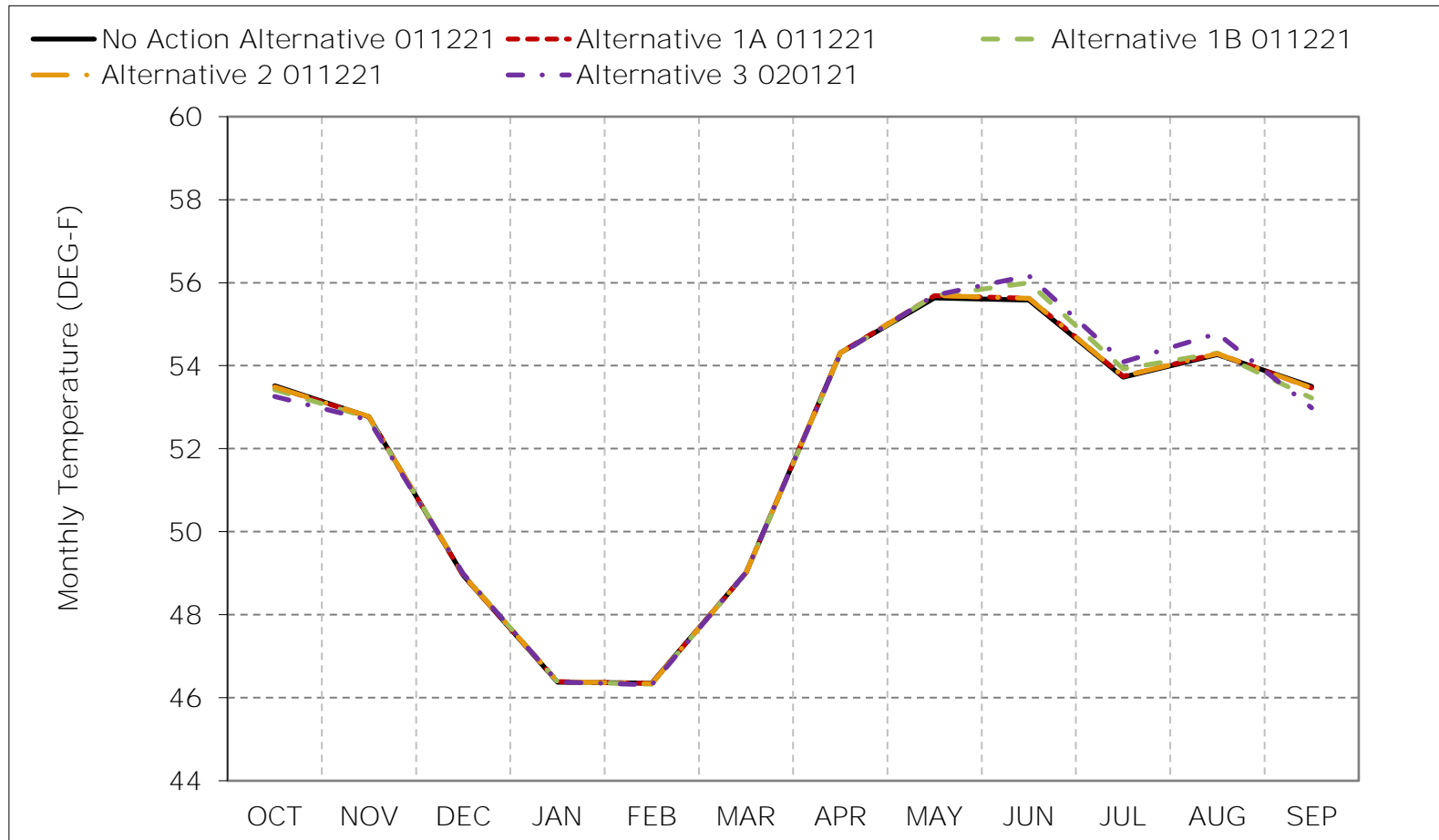


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-8-3. Sacramento River at Jellys Ferry, Above Normal Year Average Temperat

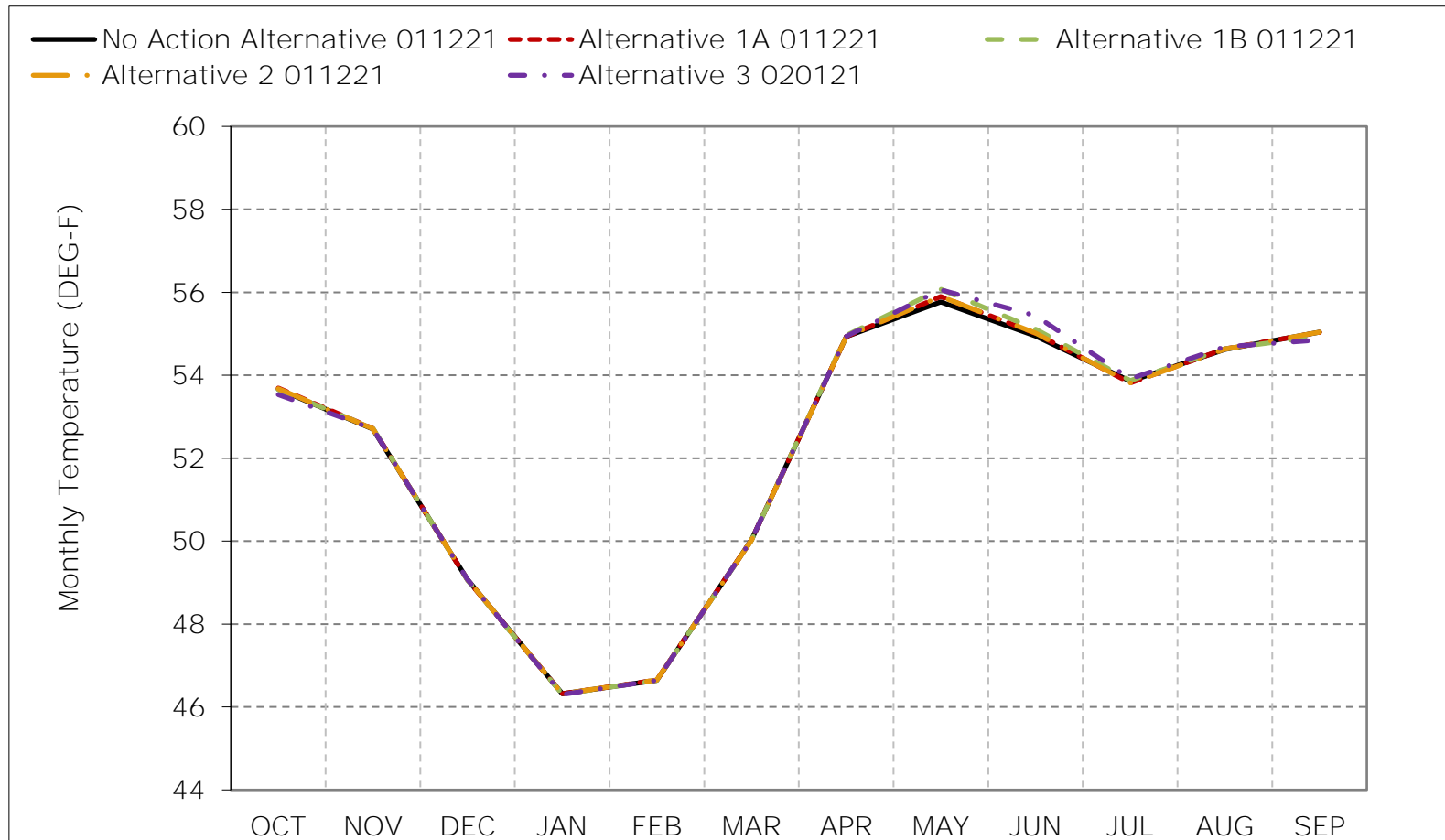


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-8-4. Sacramento River at Jellys Ferry, Below Normal Year Average Temperat

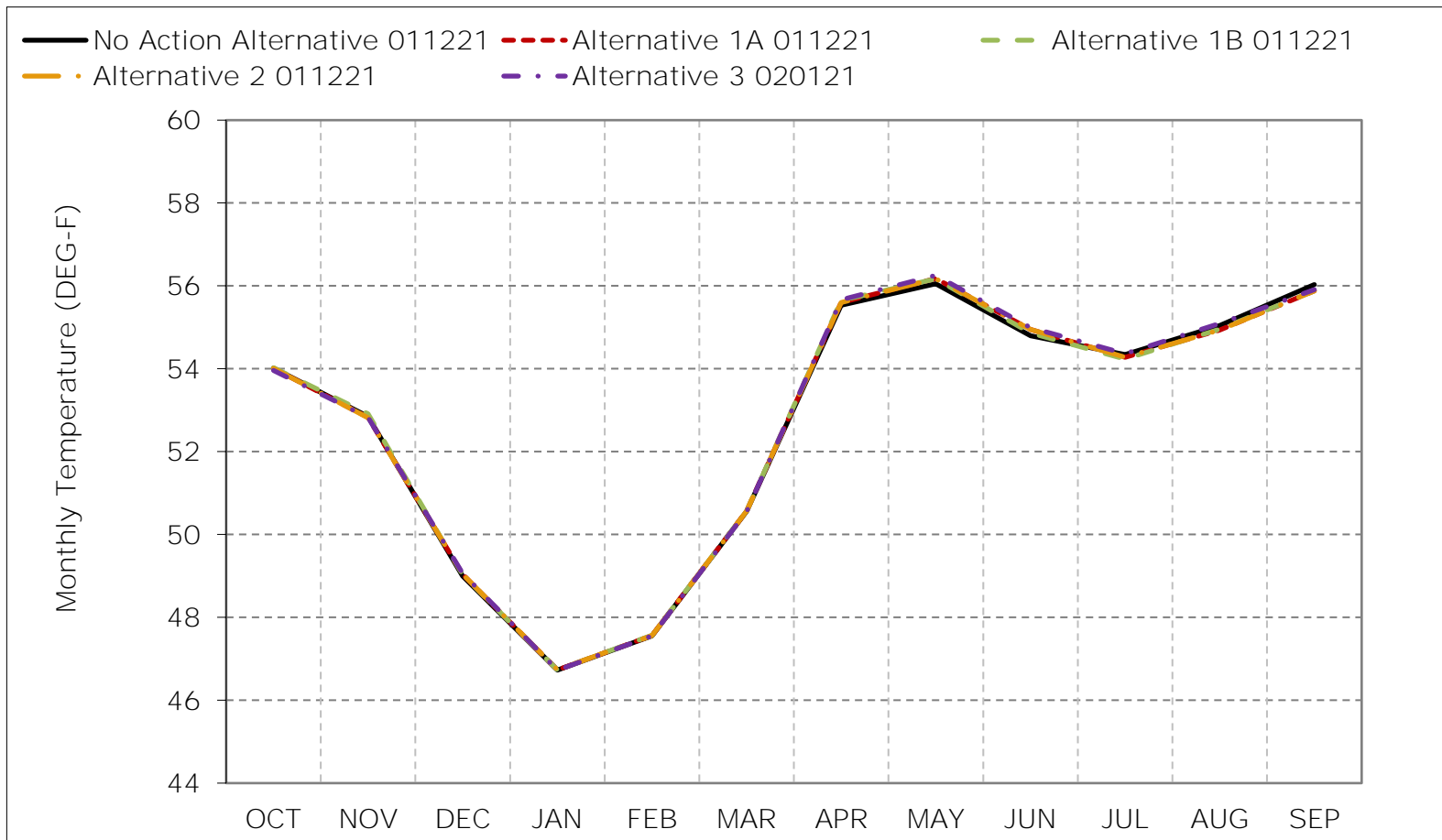


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-8-5. Sacramento River at Jellys Ferry, Dry Year Average Temperature

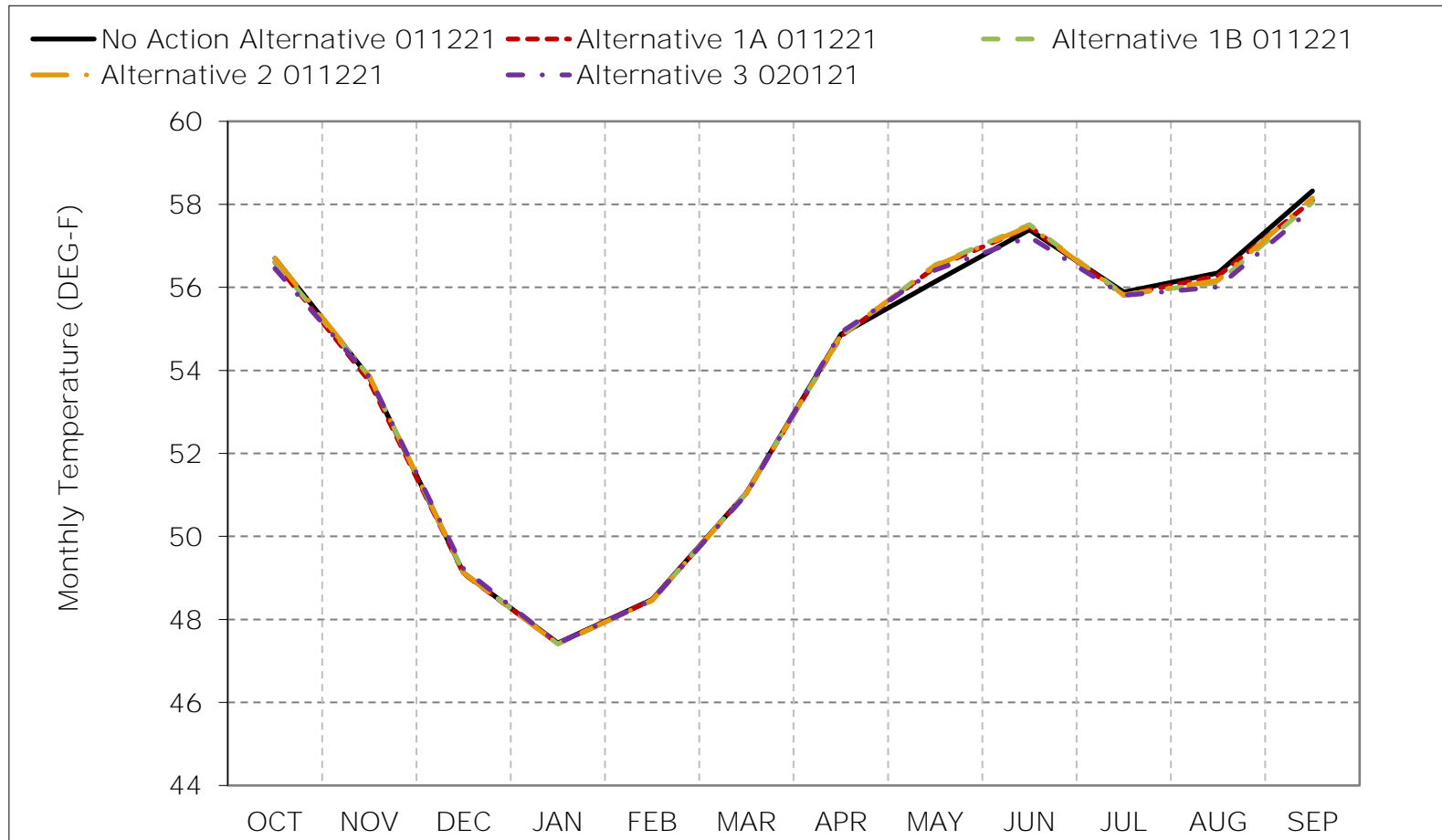


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-8-6. Sacramento River at Jellys Ferry, Critical Year Average Temperature

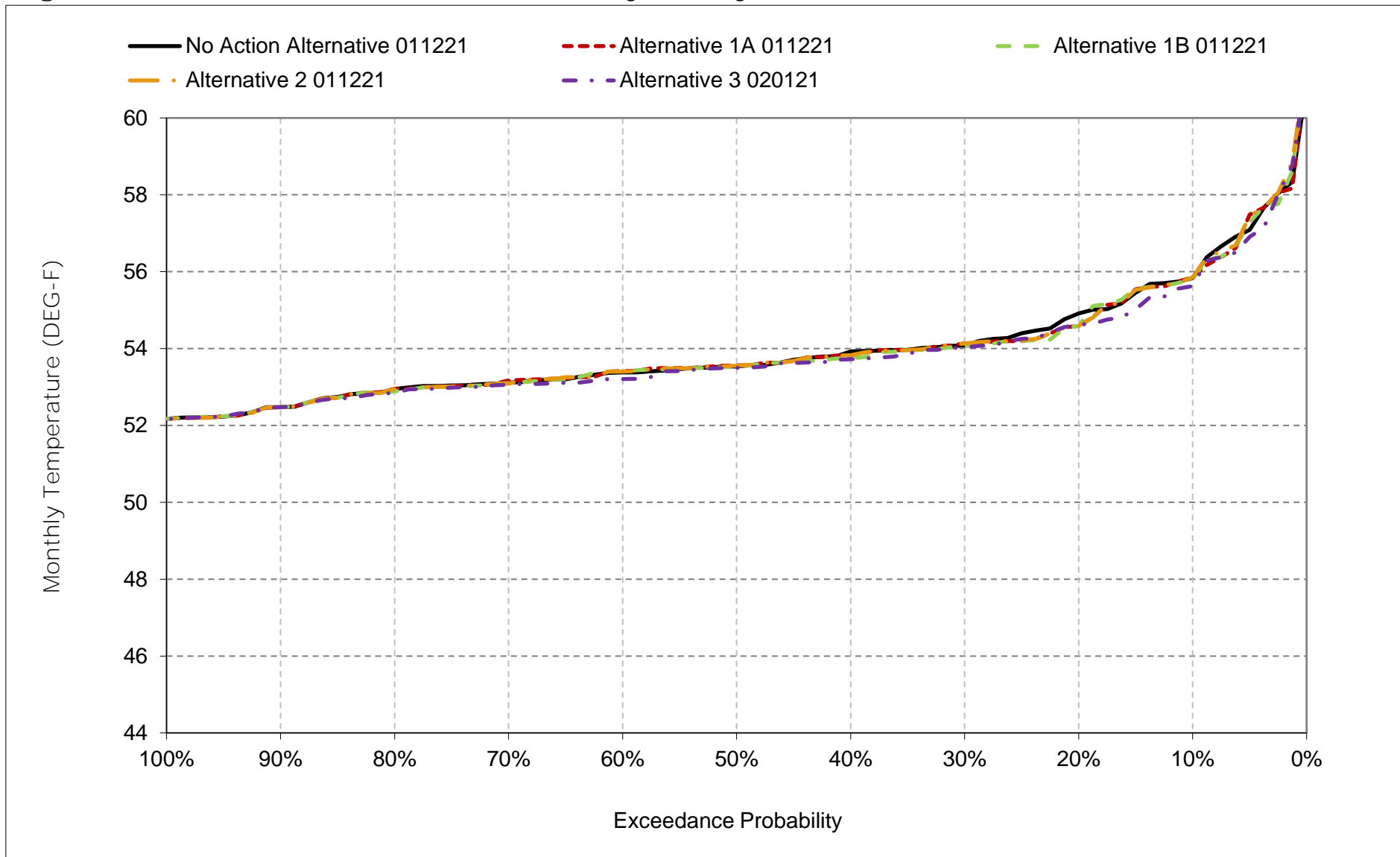


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

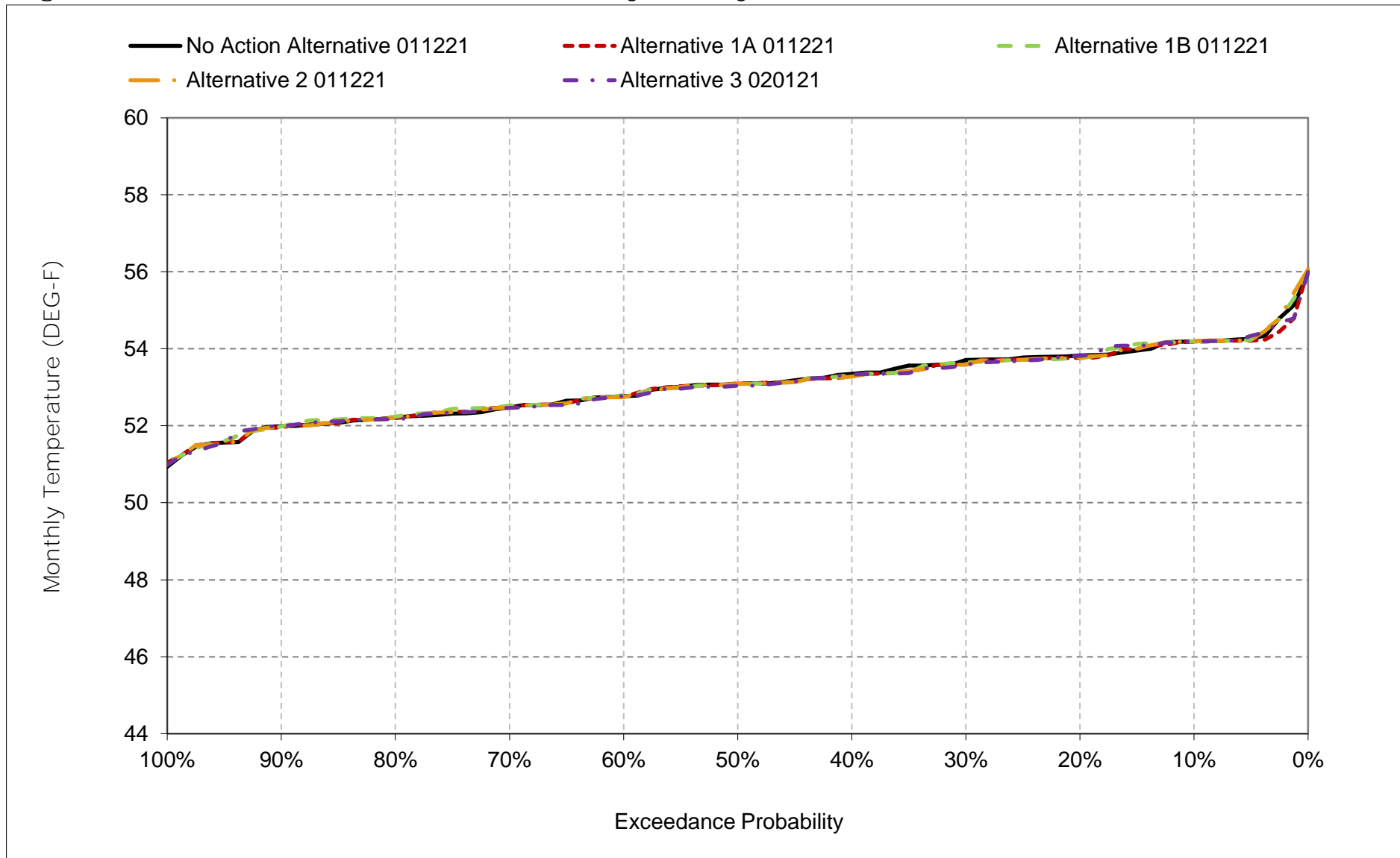
Figure 6C-8-7. Sacramento River at Jellys Ferry, October



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

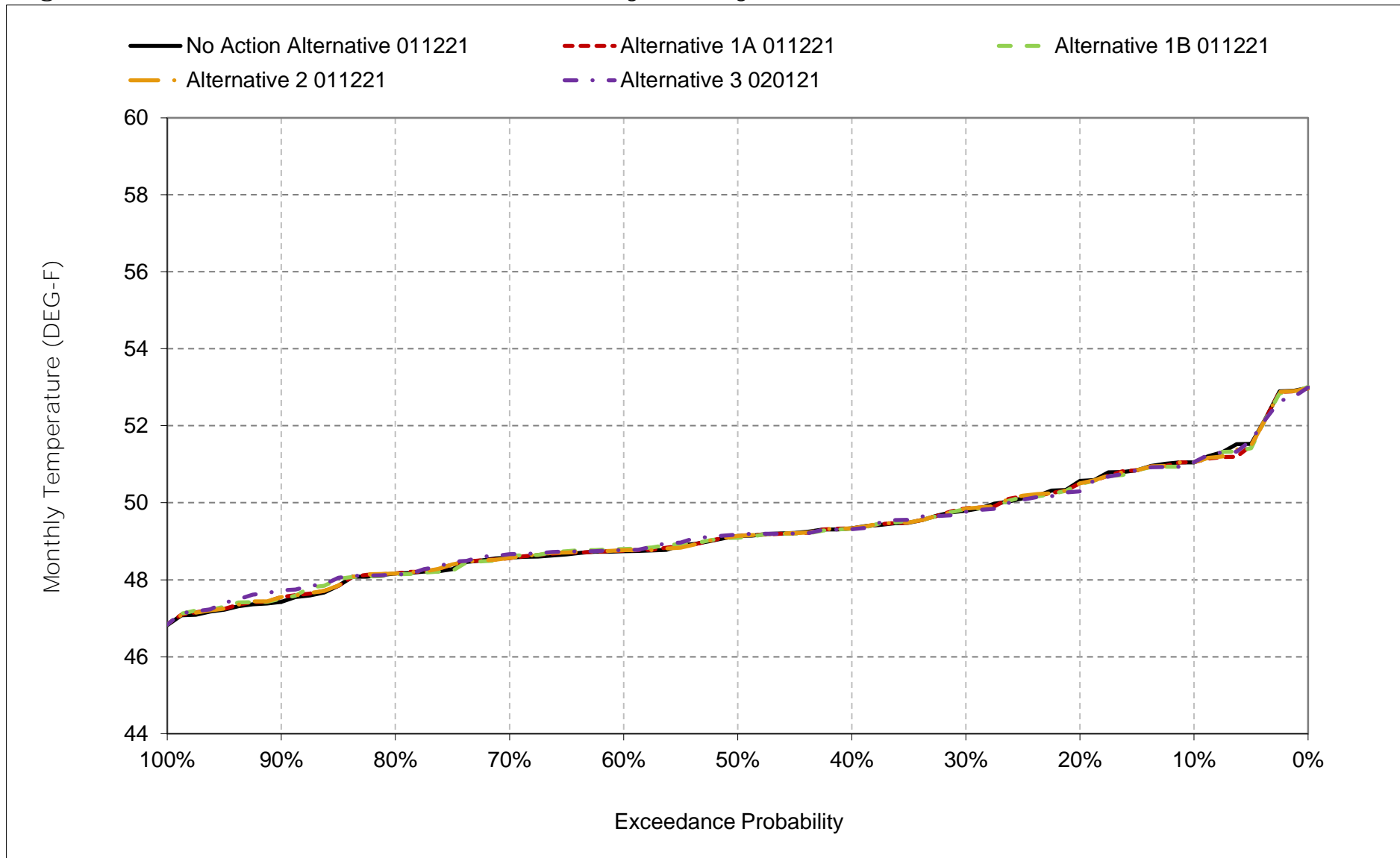


Figure 6C-8-8. Sacramento River at Jellys Ferry, November



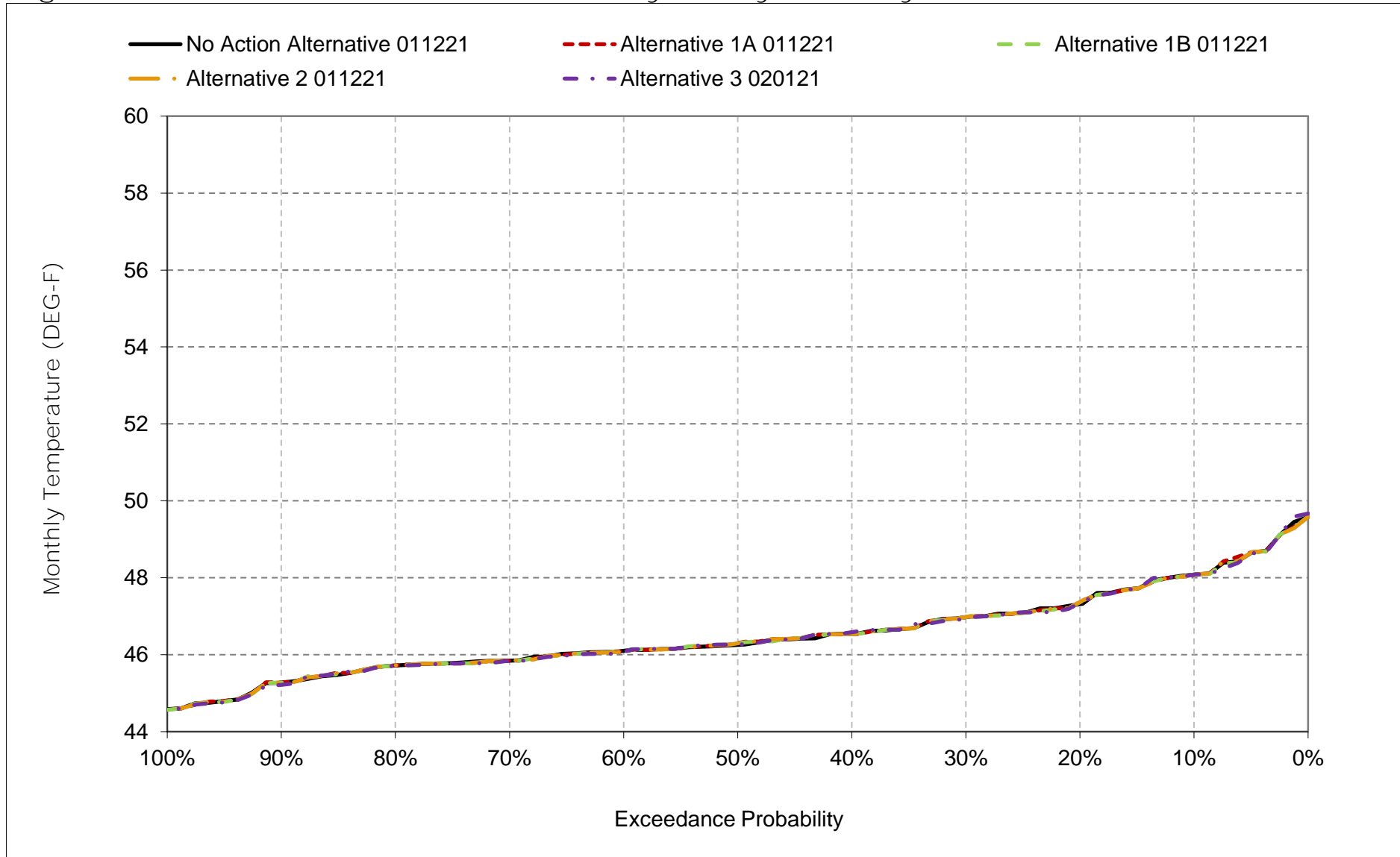
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-8-9. Sacramento River at Jellys Ferry, December



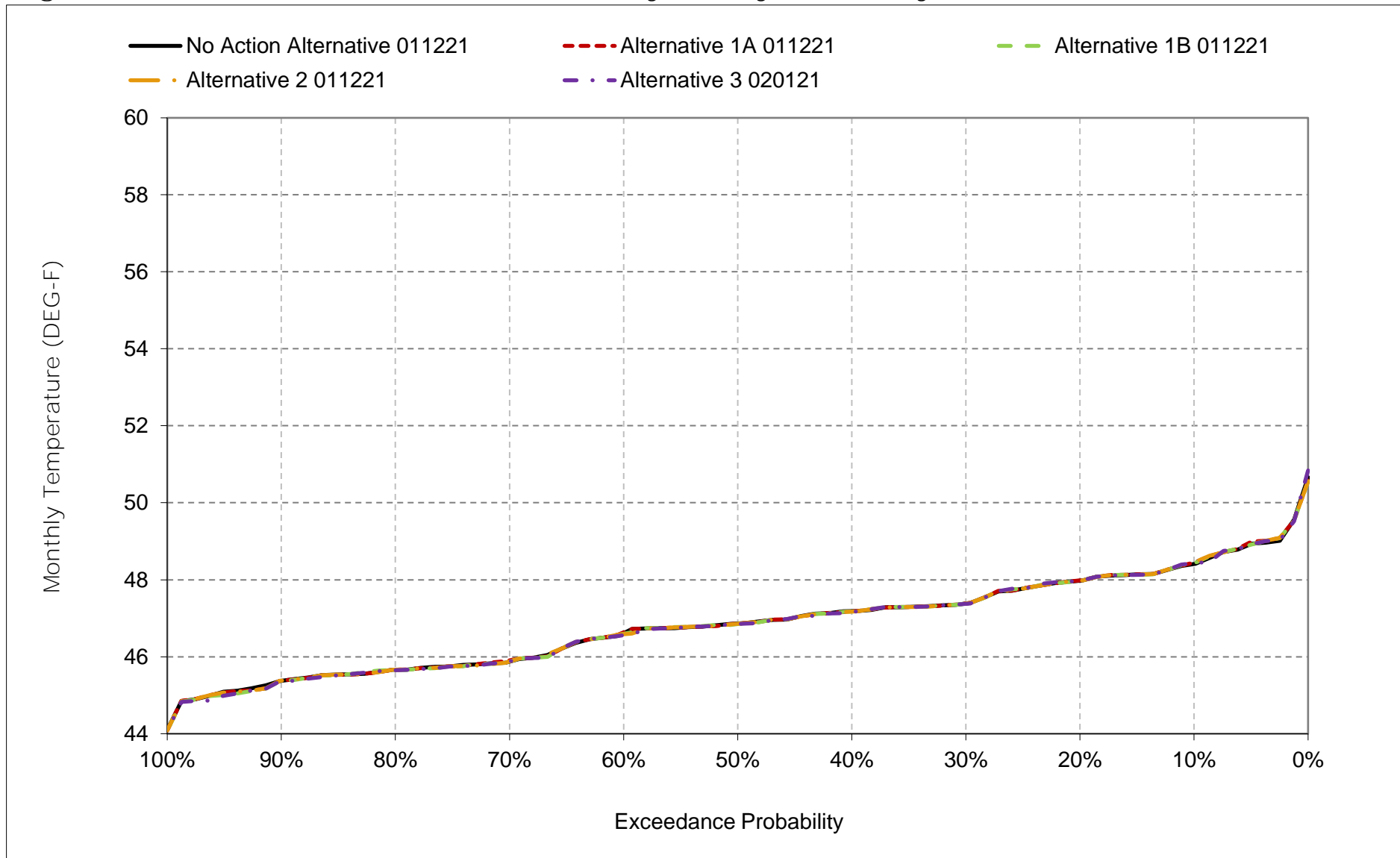
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-8-10. Sacramento River at Jellys Ferry, January



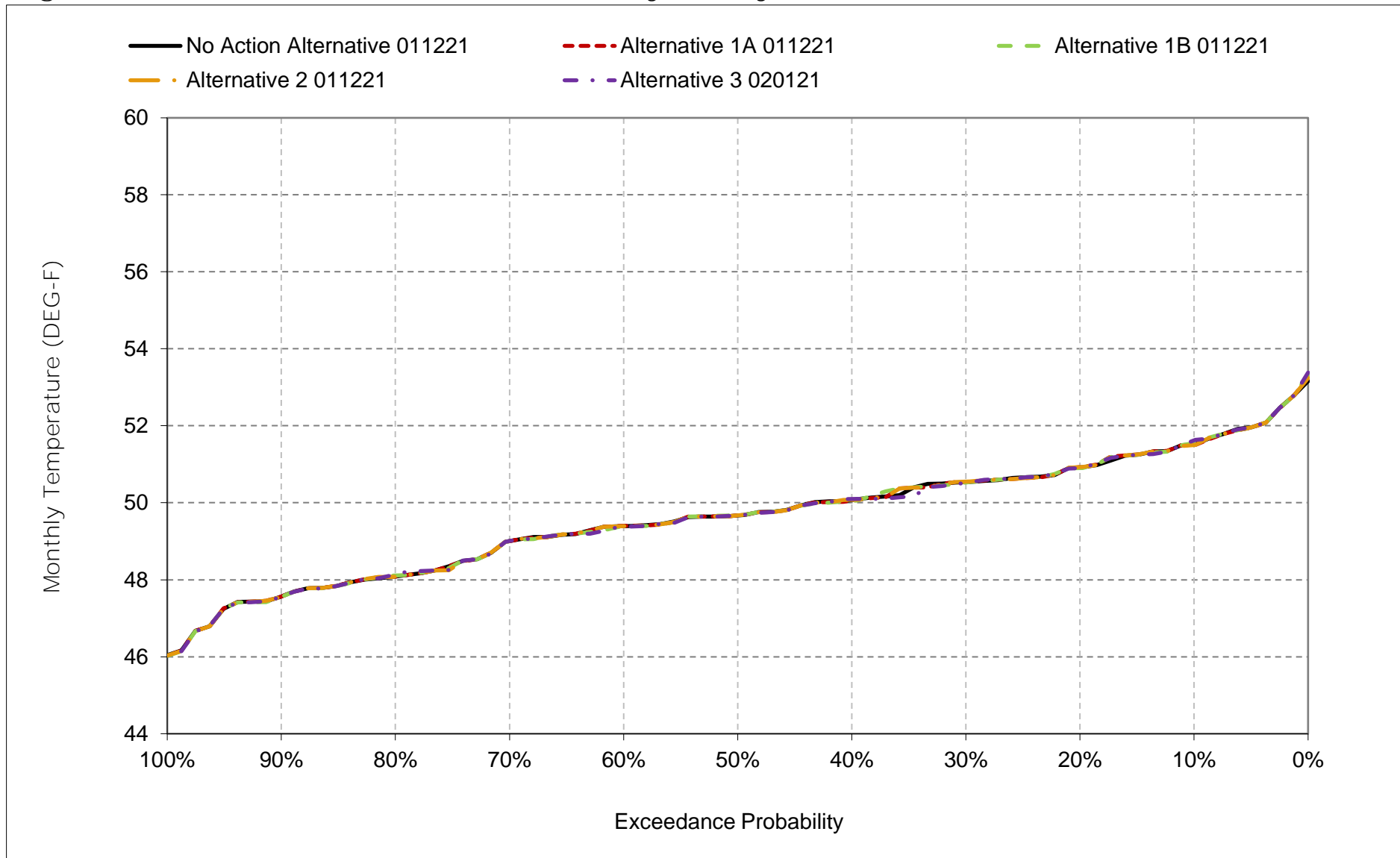
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-8-11. Sacramento River at Jellys Ferry, February



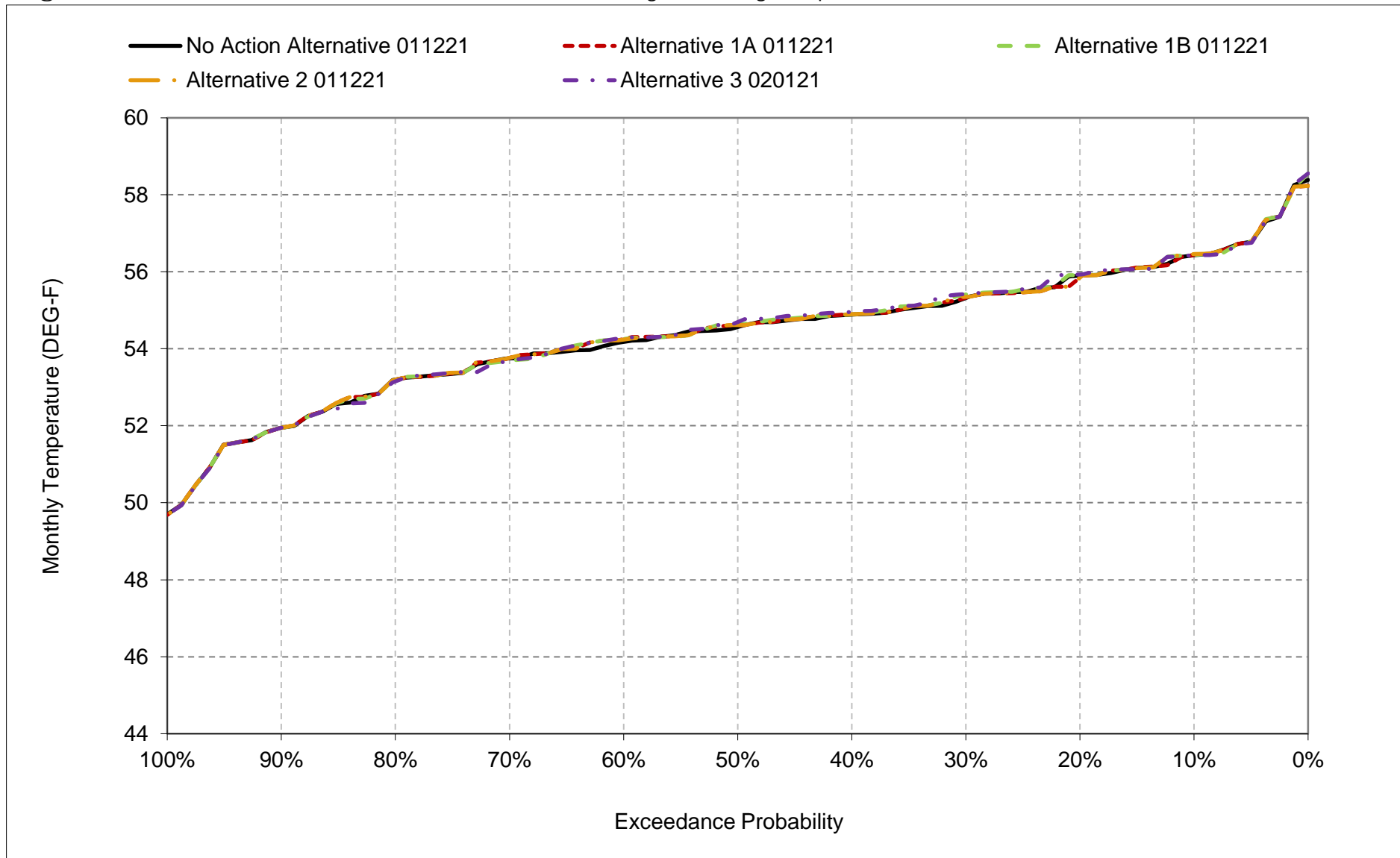
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-8-12. Sacramento River at Jellys Ferry, March



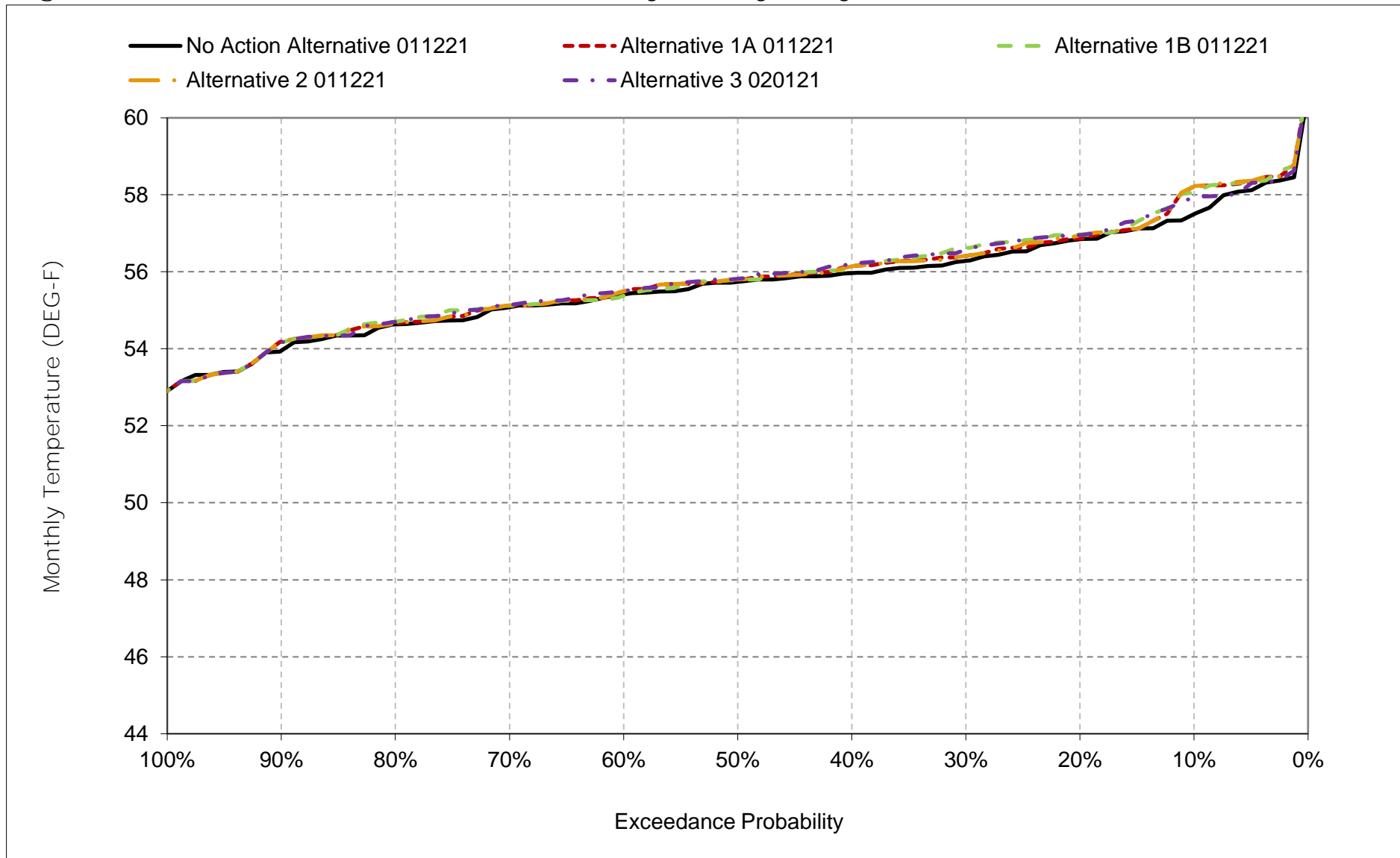
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-8-13. Sacramento River at Jellys Ferry, April



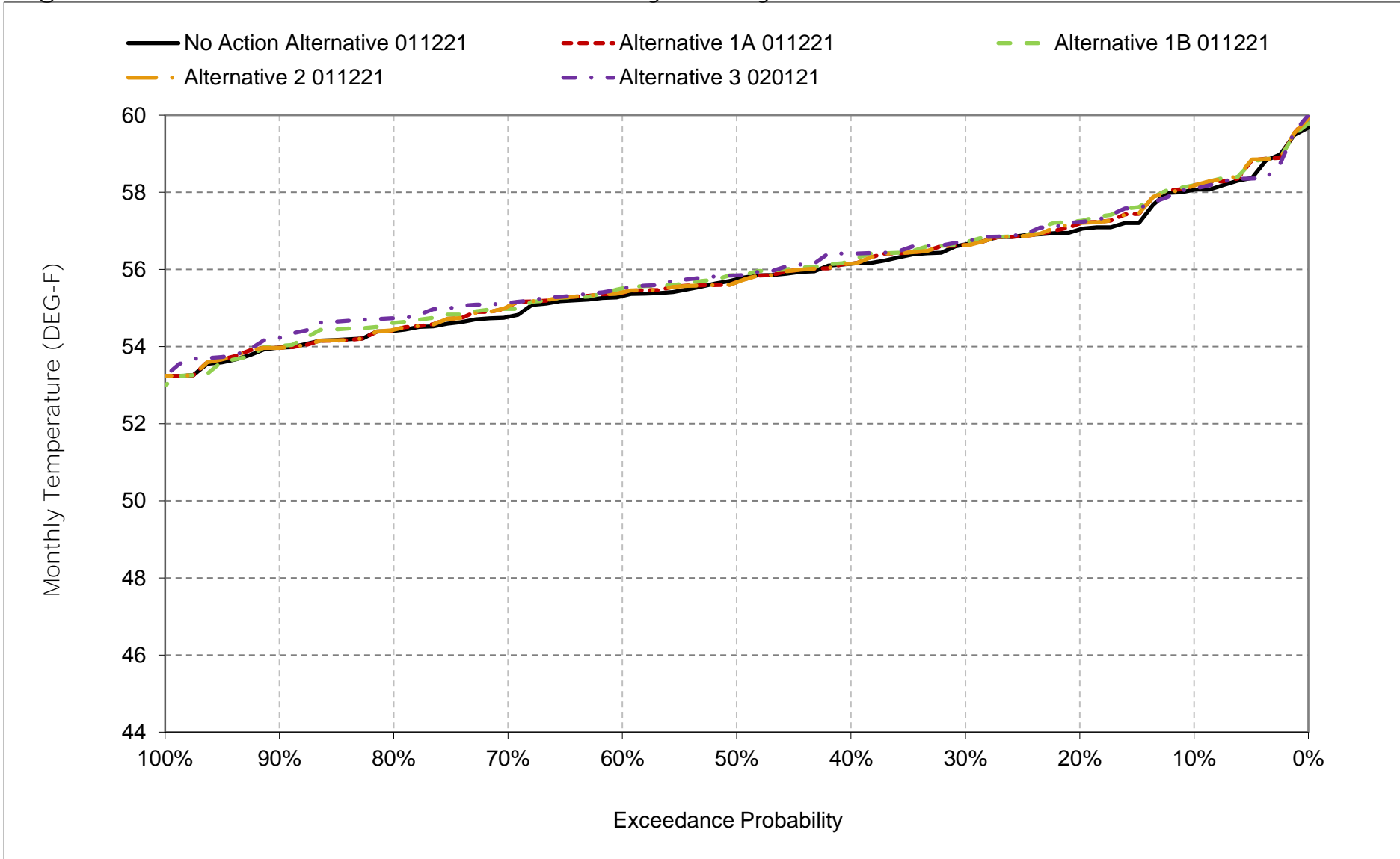
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-8-14. Sacramento River at Jellys Ferry, May



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

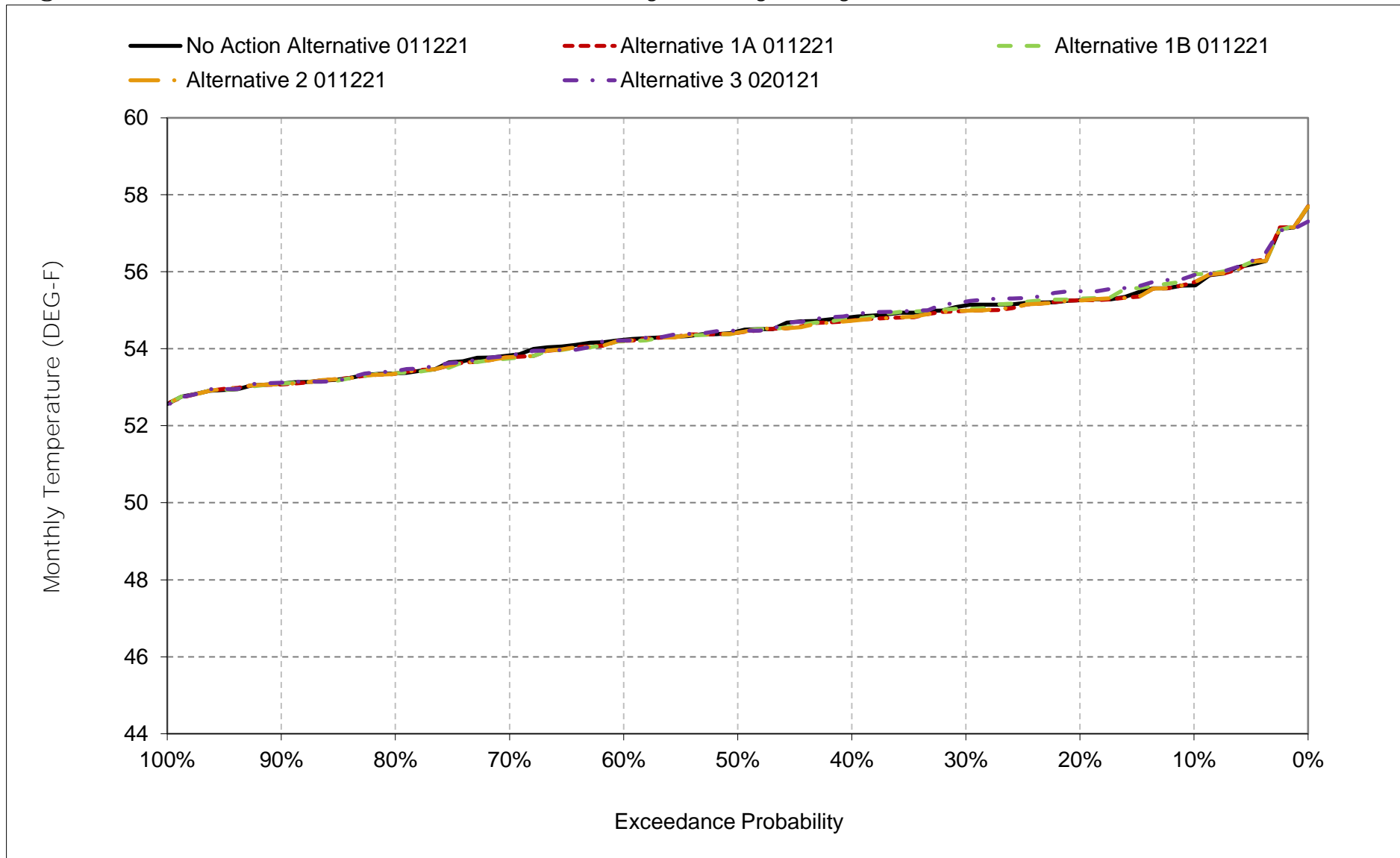
Figure 6C-8-15. Sacramento River at Jellys Ferry, June



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

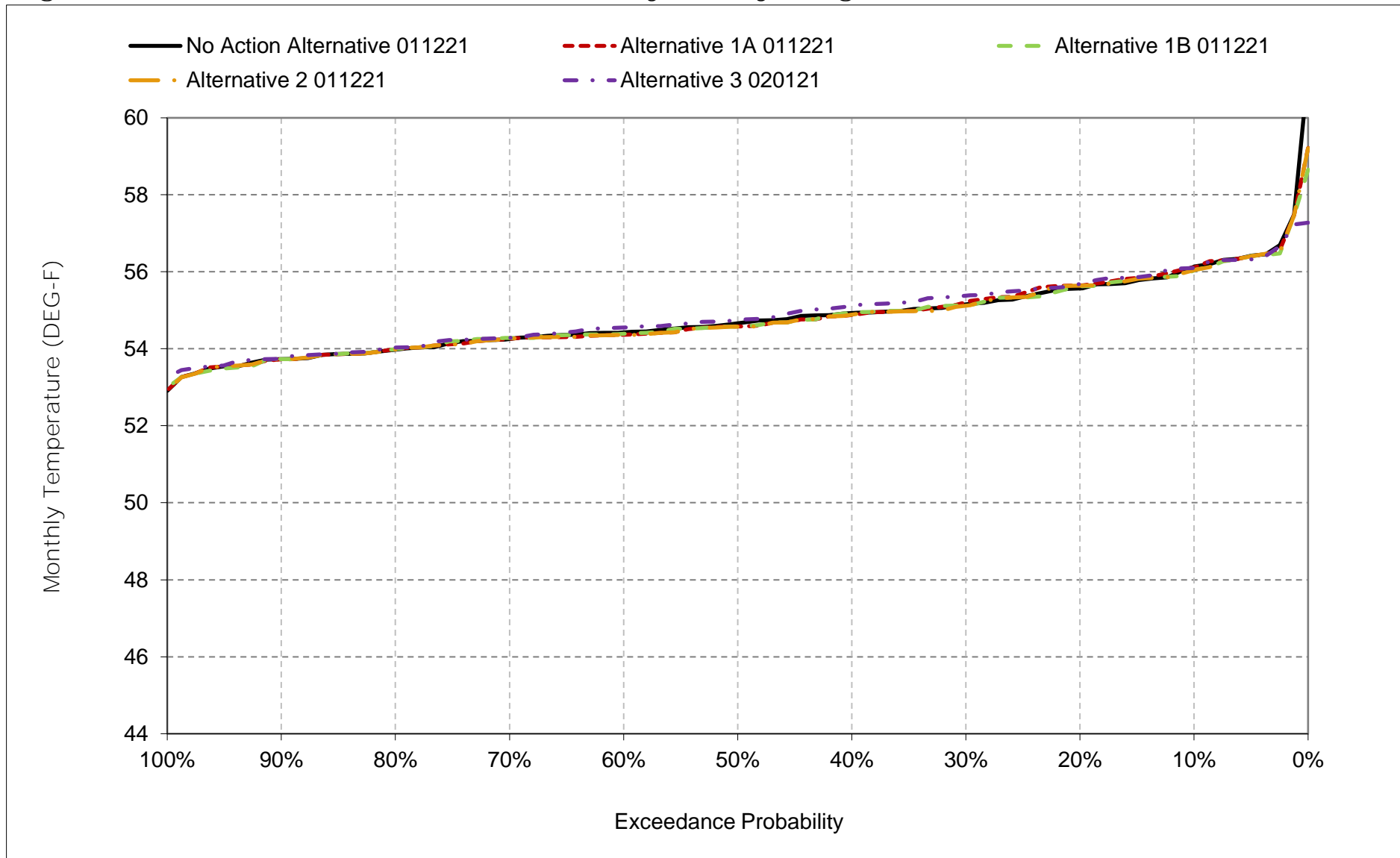


Figure 6C-8-16. Sacramento River at Jellys Ferry, July



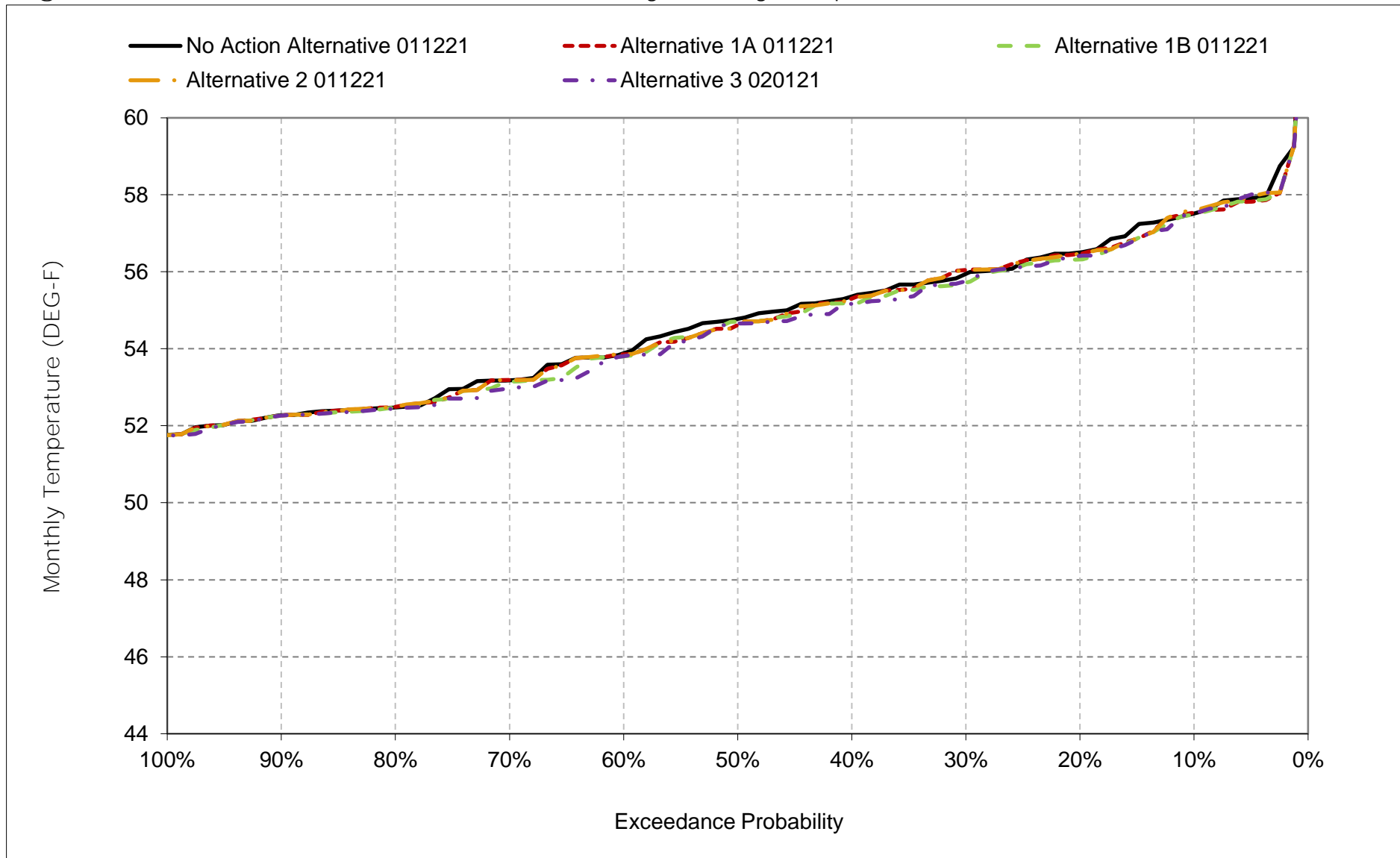
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-8-17. Sacramento River at Jellys Ferry, August



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-8-18. Sacramento River at Jellys Ferry, September



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-9-1a. Sacramento River at Bend Bridge, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	56.1	54.1	50.9	47.9	48.4	51.9	57.0	58.5	59.1	57.2	57.5	58.8
20%	55.4	53.7	50.0	47.1	48.0	51.3	56.4	57.7	58.1	56.5	57.0	57.7
30%	54.6	53.4	49.3	46.7	47.6	51.0	55.8	57.1	57.7	56.3	56.6	57.2
40%	54.4	53.0	48.9	46.4	47.3	50.4	55.5	56.7	57.2	56.0	56.2	56.5
50%	54.0	52.8	48.5	46.2	47.0	50.3	55.2	56.5	56.7	55.6	55.8	55.8
60%	53.7	52.4	48.2	46.0	46.7	49.9	54.7	56.2	56.4	55.4	55.6	55.0
70%	53.5	52.1	48.0	45.8	46.1	49.5	54.4	55.8	55.9	55.0	55.4	54.4
80%	53.3	51.8	47.7	45.6	45.9	48.6	53.8	55.4	55.4	54.4	55.1	53.4
90%	52.8	51.4	47.2	45.2	45.7	48.1	52.6	54.8	54.9	54.1	54.8	53.2
Long Term												
Full Simulation Period <sup>a</sup>	54.4	52.8	48.8	46.4	47.0	50.1	55.0	56.5	56.8	55.7	56.0	55.9
Water Year Types <sup>b,c</sup>												
Wet (32%)	53.5	52.9	49.3	46.1	46.2	48.9	53.7	56.1	57.4	55.8	55.5	53.9
Above Normal (15%)	53.9	52.5	48.6	46.3	46.5	49.5	54.9	56.5	56.6	54.8	55.5	54.5
Below Normal (17%)	54.1	52.4	48.6	46.1	46.8	50.5	55.6	56.6	55.9	55.0	55.8	56.2
Dry (22%)	54.5	52.5	48.5	46.5	47.6	51.0	56.1	56.9	55.9	55.6	56.4	57.3
Critical (15%)	57.0	53.4	48.6	47.2	48.5	51.5	55.6	56.9	58.4	57.3	57.5	59.4

Table 6C-9-1b. Sacramento River at Bend Bridge, Alternative 1A 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	56.2	54.0	50.8	47.9	48.4	51.9	57.0	59.0	59.2	57.2	57.5	58.7
20%	55.2	53.7	50.0	47.1	48.0	51.3	56.4	57.7	58.3	56.5	57.0	57.7
30%	54.6	53.3	49.3	46.7	47.6	51.0	55.9	57.3	57.7	56.2	56.6	57.2
40%	54.3	53.0	48.9	46.4	47.3	50.4	55.5	56.9	57.1	56.0	56.1	56.4
50%	54.0	52.8	48.5	46.2	47.0	50.3	55.2	56.6	56.8	55.6	55.7	55.7
60%	53.8	52.4	48.2	46.0	46.7	49.9	54.8	56.3	56.5	55.4	55.6	54.9
70%	53.6	52.1	48.0	45.8	46.2	49.5	54.4	55.9	56.0	54.9	55.3	54.3
80%	53.2	51.9	47.8	45.6	45.9	48.6	53.8	55.4	55.4	54.4	55.1	53.4
90%	52.8	51.5	47.3	45.2	45.7	48.1	52.6	54.9	55.0	54.1	54.8	53.2
Long Term												
Full Simulation Period <sup>a</sup>	54.4	52.7	48.8	46.4	47.0	50.1	55.0	56.6	56.9	55.6	56.0	55.8
Water Year Types <sup>b,c</sup>												
Wet (32%)	53.5	52.9	49.3	46.1	46.2	48.9	53.7	56.1	57.5	55.8	55.5	53.9
Above Normal (15%)	53.9	52.5	48.6	46.3	46.5	49.5	54.9	56.5	56.6	54.8	55.5	54.5
Below Normal (17%)	54.1	52.5	48.6	46.1	46.8	50.5	55.6	56.7	56.0	54.9	55.8	56.2
Dry (22%)	54.5	52.5	48.5	46.5	47.6	51.0	56.1	57.0	56.0	55.5	56.3	57.1
Critical (15%)	56.9	53.3	48.6	47.1	48.5	51.4	55.5	57.3	58.4	57.2	57.5	59.1

Table 6C-9-1c. Sacramento River at Bend Bridge, Alternative 1A 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.5	0.1	-0.1	0.0	-0.1
20%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	-0.1	0.0	0.0
30%	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.1	-0.1	0.0	0.0
40%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.1	-0.1	0.0	-0.1
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	-0.2
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	-0.1
70%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	-0.1
80%	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	-0.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	-0.1	-0.1	-0.2
Critical (15%)	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.4	0.1	-0.1	-0.1	-0.2

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-9-2a. Sacramento River at Bend Bridge, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	56.1	54.1	50.9	47.9	48.4	51.9	57.0	58.5	59.1	57.2	57.5	58.8
20%	55.4	53.7	50.0	47.1	48.0	51.3	56.4	57.7	58.1	56.5	57.0	57.7
30%	54.6	53.4	49.3	46.7	47.6	51.0	55.8	57.1	57.7	56.3	56.6	57.2
40%	54.4	53.0	48.9	46.4	47.3	50.4	55.5	56.7	57.2	56.0	56.2	56.5
50%	54.0	52.8	48.5	46.2	47.0	50.3	55.2	56.5	56.7	55.6	55.8	55.8
60%	53.7	52.4	48.2	46.0	46.7	49.9	54.7	56.2	56.4	55.4	55.6	55.0
70%	53.5	52.1	48.0	45.8	46.1	49.5	54.4	55.8	55.9	55.0	55.4	54.4
80%	53.3	51.8	47.7	45.6	45.9	48.6	53.8	55.4	55.4	54.4	55.1	53.4
90%	52.8	51.4	47.2	45.2	45.7	48.1	52.6	54.8	54.9	54.1	54.8	53.2
Long Term												
Full Simulation Period <sup>a</sup>	54.4	52.8	48.8	46.4	47.0	50.1	55.0	56.5	56.8	55.7	56.0	55.9
Water Year Types <sup>b,c</sup>												
Wet (32%)	53.5	52.9	49.3	46.1	46.2	48.9	53.7	56.1	57.4	55.8	55.5	53.9
Above Normal (15%)	53.9	52.5	48.6	46.3	46.5	49.5	54.9	56.5	56.6	54.8	55.5	54.5
Below Normal (17%)	54.1	52.4	48.6	46.1	46.8	50.5	55.6	56.6	55.9	55.0	55.8	56.2
Dry (22%)	54.5	52.5	48.5	46.5	47.6	51.0	56.1	56.9	55.9	55.6	56.4	57.3
Critical (15%)	57.0	53.4	48.6	47.2	48.5	51.5	55.6	56.9	58.4	57.3	57.5	59.4

Table 6C-9-2b. Sacramento River at Bend Bridge, Alternative 1B 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	56.1	54.1	50.8	47.9	48.4	51.9	57.0	59.0	59.2	57.3	57.4	58.8
20%	55.2	53.6	50.0	47.1	48.0	51.3	56.4	57.8	58.4	56.5	57.0	57.7
30%	54.5	53.3	49.3	46.7	47.6	51.0	55.9	57.5	57.8	56.4	56.6	57.1
40%	54.3	53.0	48.9	46.4	47.3	50.4	55.5	56.9	57.2	56.0	56.2	56.3
50%	54.0	52.8	48.5	46.2	47.0	50.3	55.2	56.6	56.9	55.6	55.7	55.7
60%	53.8	52.4	48.3	46.0	46.7	49.9	54.8	56.3	56.5	55.4	55.6	54.9
70%	53.5	52.1	48.0	45.8	46.1	49.5	54.4	56.0	56.0	54.9	55.4	54.1
80%	53.2	51.9	47.7	45.6	45.9	48.6	53.7	55.5	55.6	54.4	55.1	53.4
90%	52.8	51.6	47.3	45.2	45.7	48.1	52.6	54.9	55.0	54.1	54.8	53.1
Long Term												
Full Simulation Period <sup>a</sup>	54.4	52.8	48.8	46.4	47.0	50.1	55.0	56.7	57.0	55.7	56.0	55.8
Water Year Types <sup>b,c</sup>												
Wet (32%)	53.5	52.9	49.3	46.1	46.2	48.9	53.7	56.1	57.4	55.8	55.5	53.9
Above Normal (15%)	53.9	52.5	48.6	46.3	46.5	49.5	54.8	56.5	57.1	55.0	55.5	54.2
Below Normal (17%)	54.1	52.5	48.6	46.1	46.8	50.5	55.6	56.9	56.1	55.0	55.8	56.1
Dry (22%)	54.5	52.6	48.5	46.5	47.6	51.0	56.2	57.0	55.9	55.4	56.3	57.1
Critical (15%)	56.9	53.4	48.6	47.1	48.5	51.5	55.5	57.4	58.5	57.2	57.3	59.1

Table 6C-9-2c. Sacramento River at Bend Bridge, Alternative 1B 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.5	0.1	0.1	-0.1	-0.1
20%	-0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.0	0.0	-0.1
30%	-0.1	0.0	0.0	-0.1	0.0	0.0	0.1	0.4	0.1	0.0	0.0	-0.1
40%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	0.0	-0.2
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	-0.1
60%	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	-0.1
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	-0.1	0.0	-0.3
80%	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0
90%	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	-0.1
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	-0.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.2	0.0	-0.3
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.0	-0.1
Dry (22%)	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	-0.1	-0.1	-0.2
Critical (15%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	-0.1	-0.2	-0.3

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-9-3a. Sacramento River at Bend Bridge, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	56.1	54.1	50.9	47.9	48.4	51.9	57.0	58.5	59.1	57.2	57.5	58.8
20%	55.4	53.7	50.0	47.1	48.0	51.3	56.4	57.7	58.1	56.5	57.0	57.7
30%	54.6	53.4	49.3	46.7	47.6	51.0	55.8	57.1	57.7	56.3	56.6	57.2
40%	54.4	53.0	48.9	46.4	47.3	50.4	55.5	56.7	57.2	56.0	56.2	56.5
50%	54.0	52.8	48.5	46.2	47.0	50.3	55.2	56.5	56.7	55.6	55.8	55.8
60%	53.7	52.4	48.2	46.0	46.7	49.9	54.7	56.2	56.4	55.4	55.6	55.0
70%	53.5	52.1	48.0	45.8	46.1	49.5	54.4	55.8	55.9	55.0	55.4	54.4
80%	53.3	51.8	47.7	45.6	45.9	48.6	53.8	55.4	55.4	54.4	55.1	53.4
90%	52.8	51.4	47.2	45.2	45.7	48.1	52.6	54.8	54.9	54.1	54.8	53.2
Long Term												
Full Simulation Period <sup>a</sup>	54.4	52.8	48.8	46.4	47.0	50.1	55.0	56.5	56.8	55.7	56.0	55.9
Water Year Types <sup>b,c</sup>												
Wet (32%)	53.5	52.9	49.3	46.1	46.2	48.9	53.7	56.1	57.4	55.8	55.5	53.9
Above Normal (15%)	53.9	52.5	48.6	46.3	46.5	49.5	54.9	56.5	56.6	54.8	55.5	54.5
Below Normal (17%)	54.1	52.4	48.6	46.1	46.8	50.5	55.6	56.6	55.9	55.0	55.8	56.2
Dry (22%)	54.5	52.5	48.5	46.5	47.6	51.0	56.1	56.9	55.9	55.6	56.4	57.3
Critical (15%)	57.0	53.4	48.6	47.2	48.5	51.5	55.6	56.9	58.4	57.3	57.5	59.4

Table 6C-9-3b. Sacramento River at Bend Bridge, Alternative 2 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	56.2	54.1	50.8	47.9	48.4	51.9	57.0	59.0	59.2	57.2	57.4	58.9
20%	55.2	53.7	50.0	47.1	48.0	51.3	56.4	57.7	58.3	56.5	57.0	57.7
30%	54.6	53.3	49.3	46.7	47.6	51.0	55.9	57.3	57.7	56.2	56.6	57.2
40%	54.3	53.0	48.9	46.4	47.3	50.4	55.5	56.9	57.1	55.9	56.1	56.4
50%	54.0	52.8	48.5	46.2	47.0	50.3	55.2	56.6	56.8	55.6	55.7	55.7
60%	53.8	52.4	48.2	46.0	46.7	49.9	54.8	56.3	56.5	55.4	55.6	54.9
70%	53.6	52.1	48.0	45.8	46.1	49.5	54.4	55.9	56.0	54.9	55.3	54.3
80%	53.2	51.9	47.8	45.6	45.9	48.6	53.8	55.4	55.4	54.4	55.1	53.4
90%	52.8	51.5	47.3	45.2	45.7	48.1	52.6	54.9	55.0	54.1	54.8	53.1
Long Term												
Full Simulation Period <sup>a</sup>	54.4	52.8	48.8	46.4	47.0	50.1	55.0	56.6	56.9	55.6	56.0	55.8
Water Year Types <sup>b,c</sup>												
Wet (32%)	53.5	52.9	49.3	46.1	46.2	48.9	53.7	56.1	57.5	55.8	55.5	53.9
Above Normal (15%)	53.9	52.5	48.6	46.3	46.5	49.5	54.9	56.5	56.6	54.8	55.5	54.5
Below Normal (17%)	54.1	52.4	48.6	46.1	46.8	50.5	55.6	56.7	56.0	54.9	55.8	56.2
Dry (22%)	54.5	52.5	48.5	46.5	47.6	51.0	56.1	57.0	56.0	55.5	56.2	57.1
Critical (15%)	57.0	53.4	48.6	47.1	48.5	51.4	55.6	57.3	58.4	57.2	57.3	59.2

Table 6C-9-3c. Sacramento River at Bend Bridge, Alternative 2 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.5	0.1	-0.1	-0.1	0.1
20%	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0
30%	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.1	-0.1	0.0	0.0
40%	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.2	-0.1	-0.1	-0.1	-0.1
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	-0.2
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	-0.1
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	-0.1
80%	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	-0.1	-0.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	-0.1	-0.1	-0.2
Critical (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	-0.1	-0.2	-0.2

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-9-4a. Sacramento River at Bend Bridge, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	56.1	54.1	50.9	47.9	48.4	51.9	57.0	58.5	59.1	57.2	57.5	58.8
20%	55.4	53.7	50.0	47.1	48.0	51.3	56.4	57.7	58.1	56.5	57.0	57.7
30%	54.6	53.4	49.3	46.7	47.6	51.0	55.8	57.1	57.7	56.3	56.6	57.2
40%	54.4	53.0	48.9	46.4	47.3	50.4	55.5	56.7	57.2	56.0	56.2	56.5
50%	54.0	52.8	48.5	46.2	47.0	50.3	55.2	56.5	56.7	55.6	55.8	55.8
60%	53.7	52.4	48.2	46.0	46.7	49.9	54.7	56.2	56.4	55.4	55.6	55.0
70%	53.5	52.1	48.0	45.8	46.1	49.5	54.4	55.8	55.9	55.0	55.4	54.4
80%	53.3	51.8	47.7	45.6	45.9	48.6	53.8	55.4	55.4	54.4	55.1	53.4
90%	52.8	51.4	47.2	45.2	45.7	48.1	52.6	54.8	54.9	54.1	54.8	53.2
Long Term												
Full Simulation Period <sup>a</sup>	54.4	52.8	48.8	46.4	47.0	50.1	55.0	56.5	56.8	55.7	56.0	55.9
Water Year Types <sup>b,c</sup>												
Wet (32%)	53.5	52.9	49.3	46.1	46.2	48.9	53.7	56.1	57.4	55.8	55.5	53.9
Above Normal (15%)	53.9	52.5	48.6	46.3	46.5	49.5	54.9	56.5	56.6	54.8	55.5	54.5
Below Normal (17%)	54.1	52.4	48.6	46.1	46.8	50.5	55.6	56.6	55.9	55.0	55.8	56.2
Dry (22%)	54.5	52.5	48.5	46.5	47.6	51.0	56.1	56.9	55.9	55.6	56.4	57.3
Critical (15%)	57.0	53.4	48.6	47.2	48.5	51.5	55.6	56.9	58.4	57.3	57.5	59.4

Table 6C-9-4b. Sacramento River at Bend Bridge, Alternative 3 020121, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	56.1	54.0	50.8	47.8	48.4	52.0	57.0	58.7	59.2	57.3	57.5	58.7
20%	55.1	53.7	49.7	47.1	48.1	51.3	56.5	57.8	58.3	56.7	57.1	57.7
30%	54.6	53.3	49.2	46.7	47.6	51.0	55.9	57.5	57.8	56.5	56.7	57.2
40%	54.2	53.0	48.9	46.4	47.3	50.4	55.5	57.0	57.5	56.0	56.4	56.2
50%	53.9	52.7	48.5	46.2	47.0	50.2	55.3	56.6	56.9	55.7	56.0	55.7
60%	53.6	52.4	48.3	46.0	46.7	49.9	54.8	56.3	56.5	55.4	55.7	54.7
70%	53.4	52.0	48.1	45.8	46.1	49.5	54.4	56.0	56.2	55.0	55.4	53.9
80%	53.2	51.9	47.8	45.6	45.9	48.6	53.7	55.4	55.8	54.5	55.2	53.4
90%	52.8	51.5	47.4	45.2	45.6	48.1	52.6	54.9	55.2	54.1	54.8	53.1
Long Term												
Full Simulation Period <sup>a</sup>	54.3	52.7	48.8	46.4	47.0	50.1	55.0	56.7	57.1	55.7	56.1	55.7
Water Year Types <sup>b,c</sup>												
Wet (32%)	53.5	52.9	49.3	46.1	46.2	48.9	53.7	56.1	57.4	55.8	55.5	53.9
Above Normal (15%)	53.7	52.4	48.6	46.3	46.5	49.5	54.8	56.5	57.2	55.2	56.0	53.9
Below Normal (17%)	53.9	52.5	48.6	46.1	46.8	50.5	55.6	56.9	56.5	55.0	55.9	56.0
Dry (22%)	54.4	52.5	48.5	46.5	47.6	51.0	56.2	57.1	56.1	55.6	56.4	57.2
Critical (15%)	56.7	53.4	48.7	47.1	48.5	51.4	55.6	57.2	58.2	57.2	57.2	59.0

Table 6C-9-4c. Sacramento River at Bend Bridge, Alternative 3 020121 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	-0.1	-0.1	-0.1	0.0	0.0	0.1	0.0	0.2	0.1	0.0	0.1	-0.2
20%	-0.3	0.0	-0.3	0.0	0.1	0.0	0.1	0.2	0.2	0.2	0.1	-0.1
30%	0.0	-0.1	-0.1	0.0	0.0	0.0	0.1	0.4	0.2	0.1	0.2	-0.1
40%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.0	0.2	-0.3
50%	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.2	-0.1
60%	-0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.2	0.1	0.1	-0.3
70%	-0.1	-0.1	0.1	0.0	0.0	0.0	0.0	0.2	0.3	0.0	0.0	-0.5
80%	-0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.4	0.0	0.1	0.0
90%	0.0	0.1	0.2	-0.1	0.0	0.0	0.0	0.2	0.2	0.0	0.0	-0.1
Long Term												
Full Simulation Period <sup>a</sup>	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.1	0.1	-0.2
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	-0.3	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.4	0.6	-0.6
Below Normal (17%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.1	0.1	-0.2
Dry (22%)	-0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.2	0.2	0.0	0.1	-0.1
Critical (15%)	-0.2	0.0	0.1	0.0	0.0	0.0	0.1	0.3	-0.2	-0.1	-0.3	-0.4

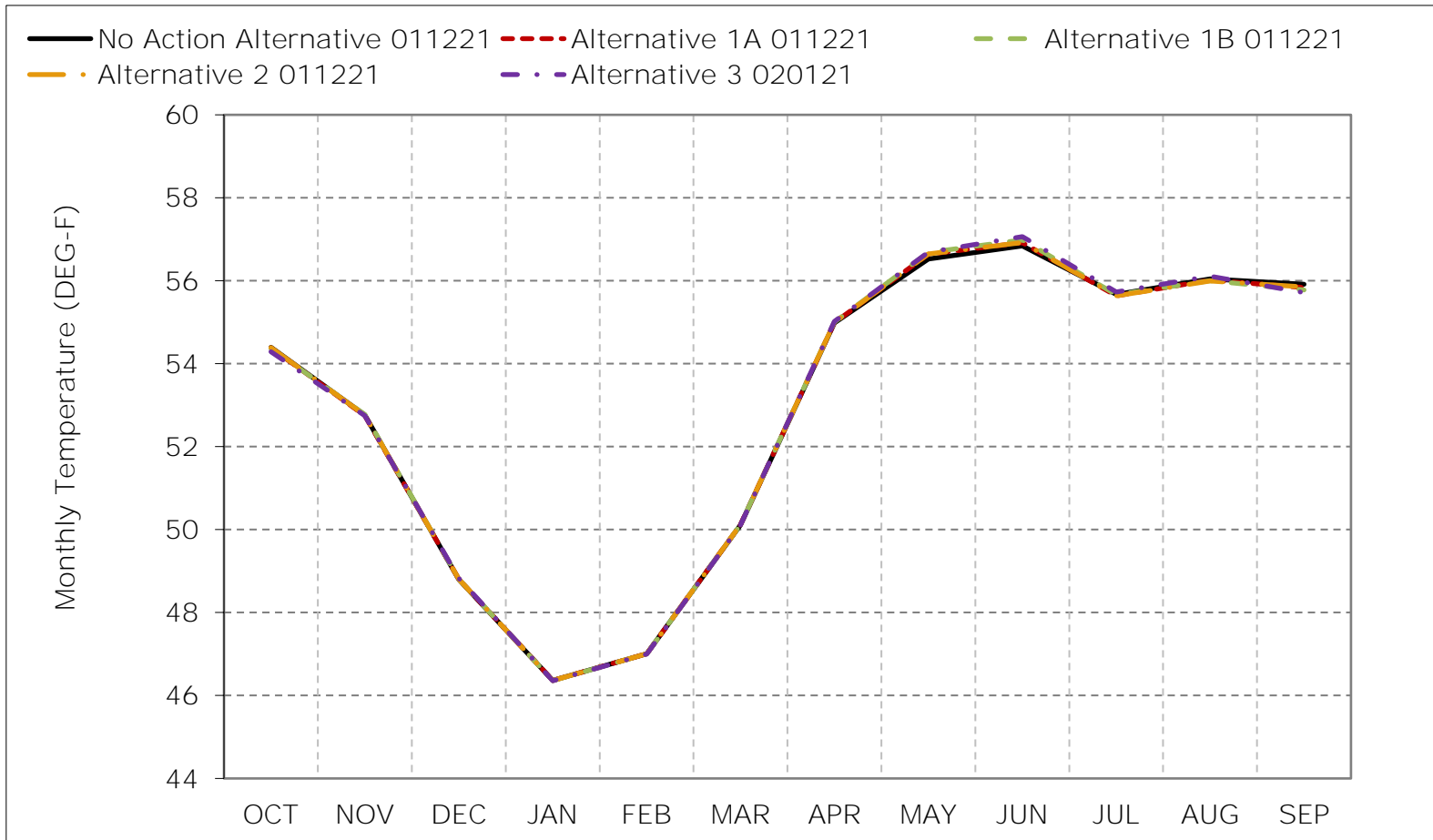
a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-9-1. Sacramento River at Bend Bridge, Long-Term Average Temperature



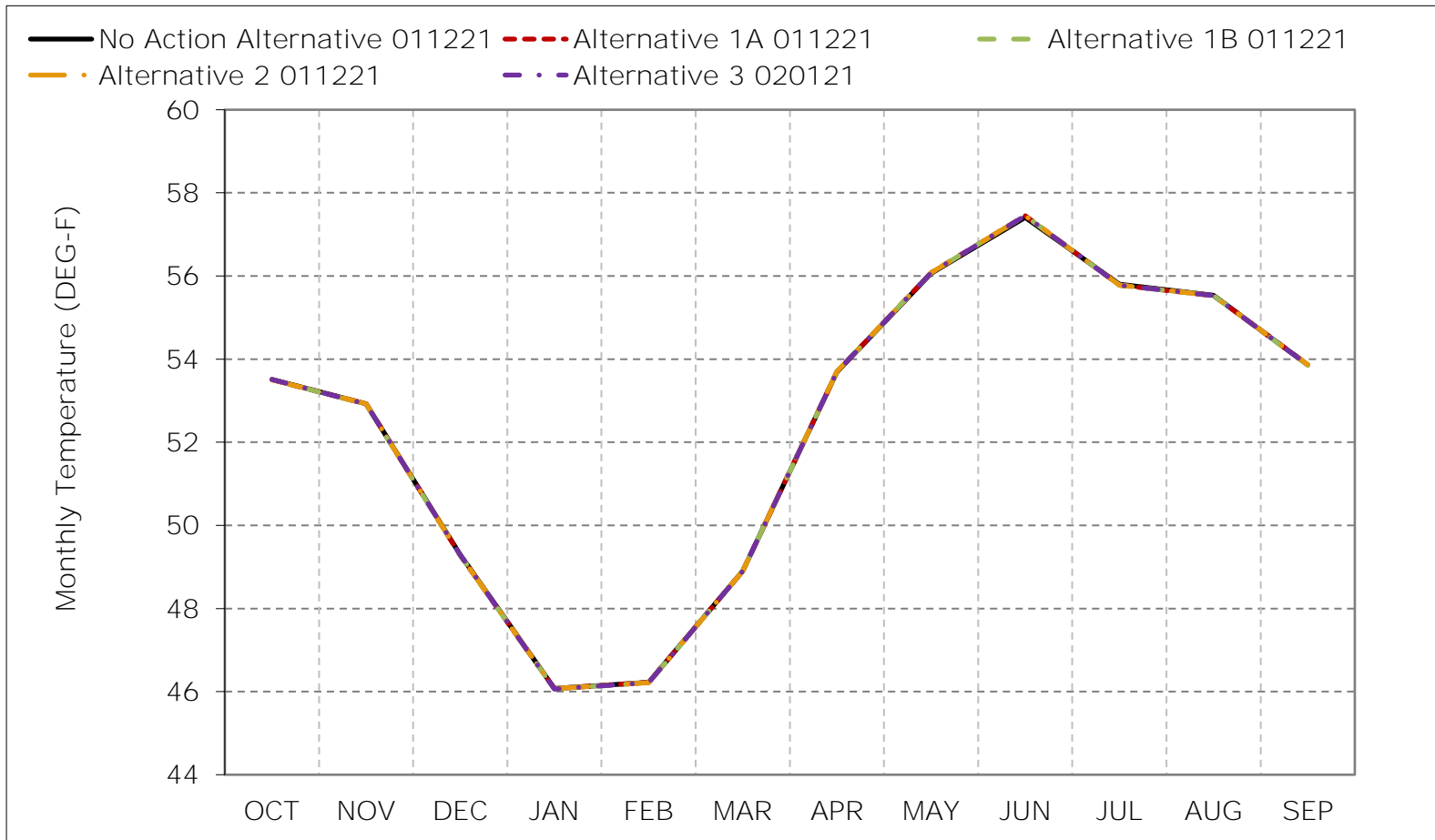
\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.



Figure 6C-9-2. Sacramento River at Bend Bridge, Wet Year Average Temperature

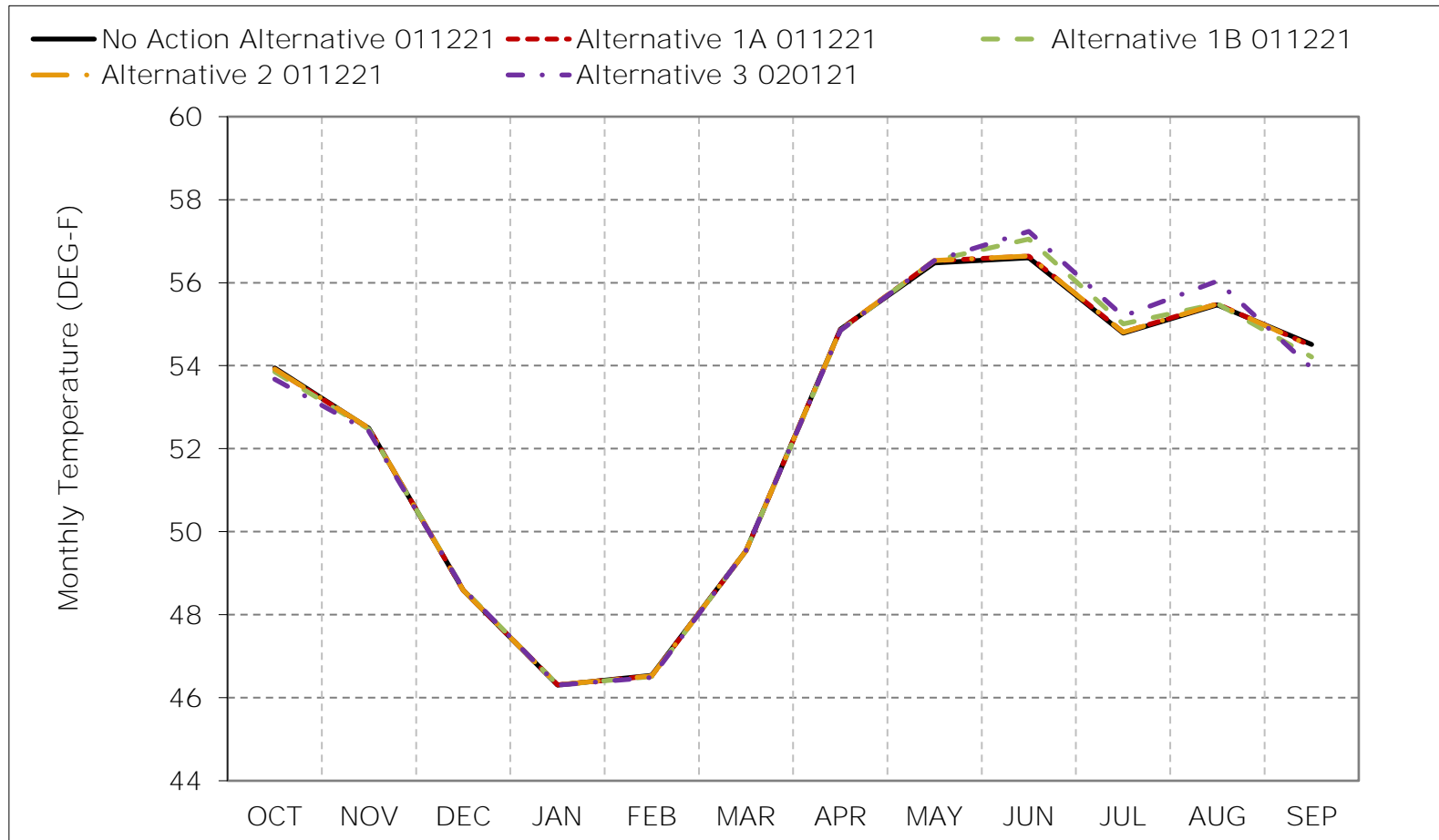


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-9-3. Sacramento River at Bend Bridge, Above Normal Year Average Temperat

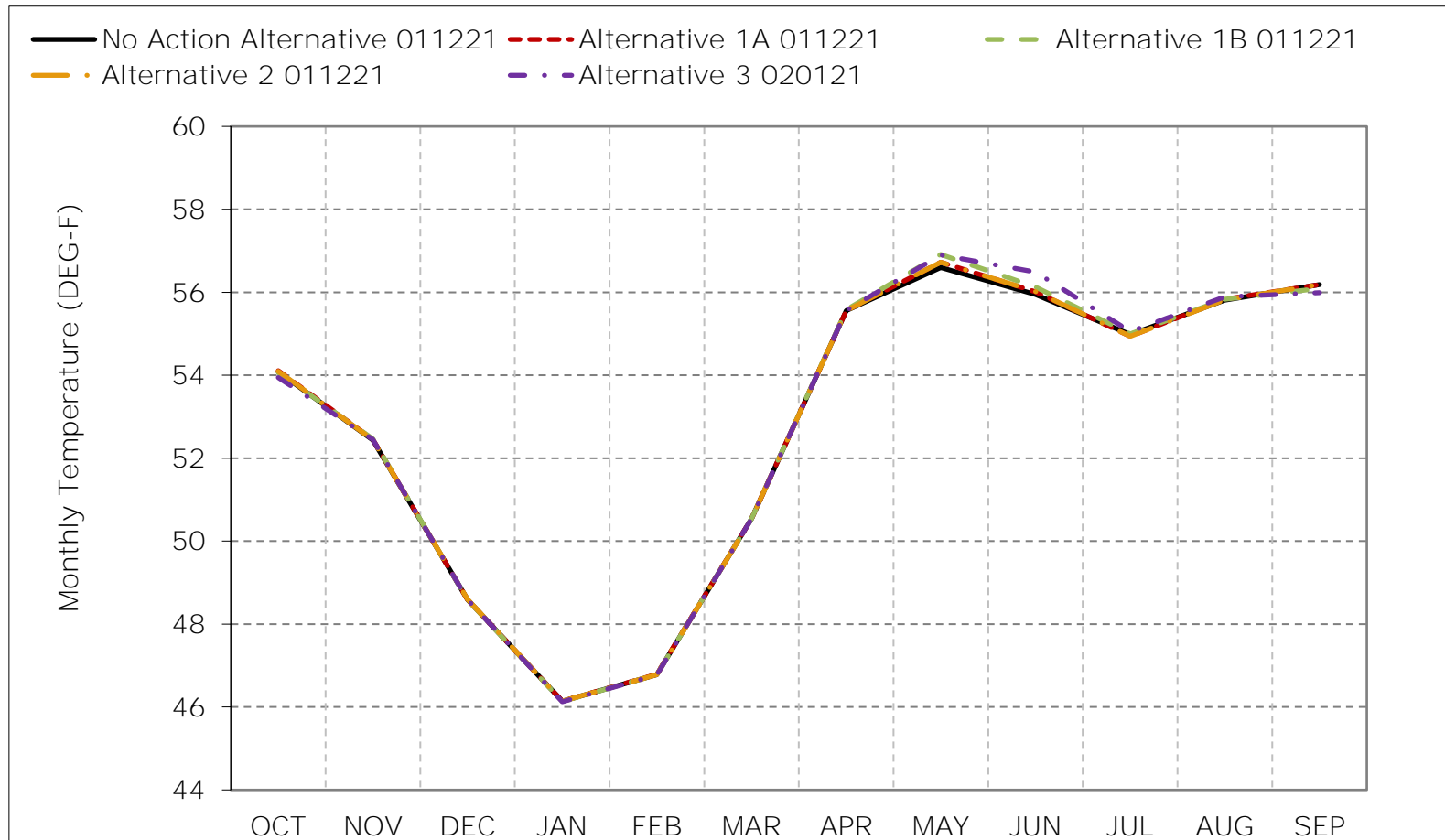


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-9-4. Sacramento River at Bend Bridge, Below Normal Year Average Temperat

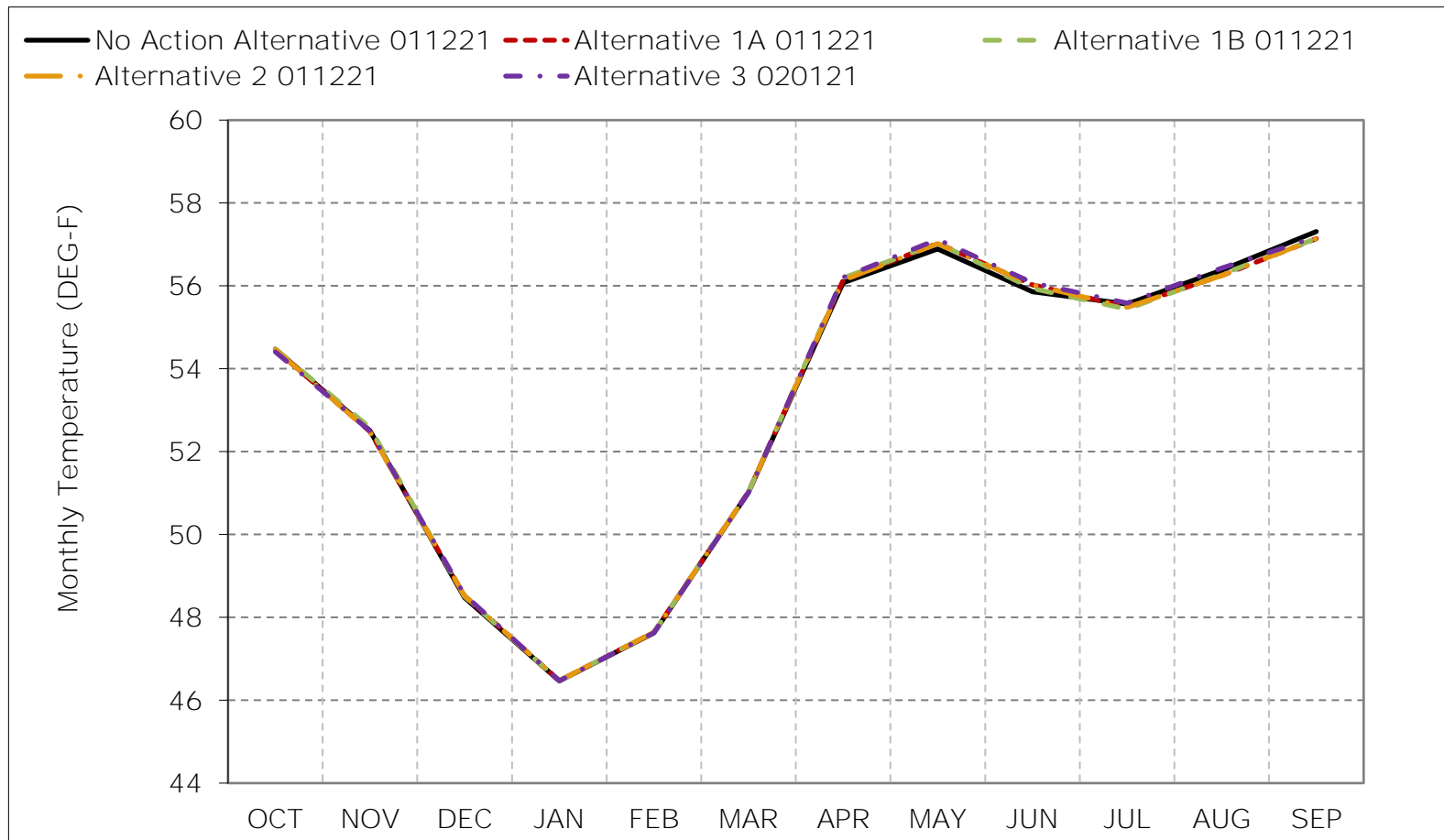


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-9-5. Sacramento River at Bend Bridge, Dry Year Average Temperature

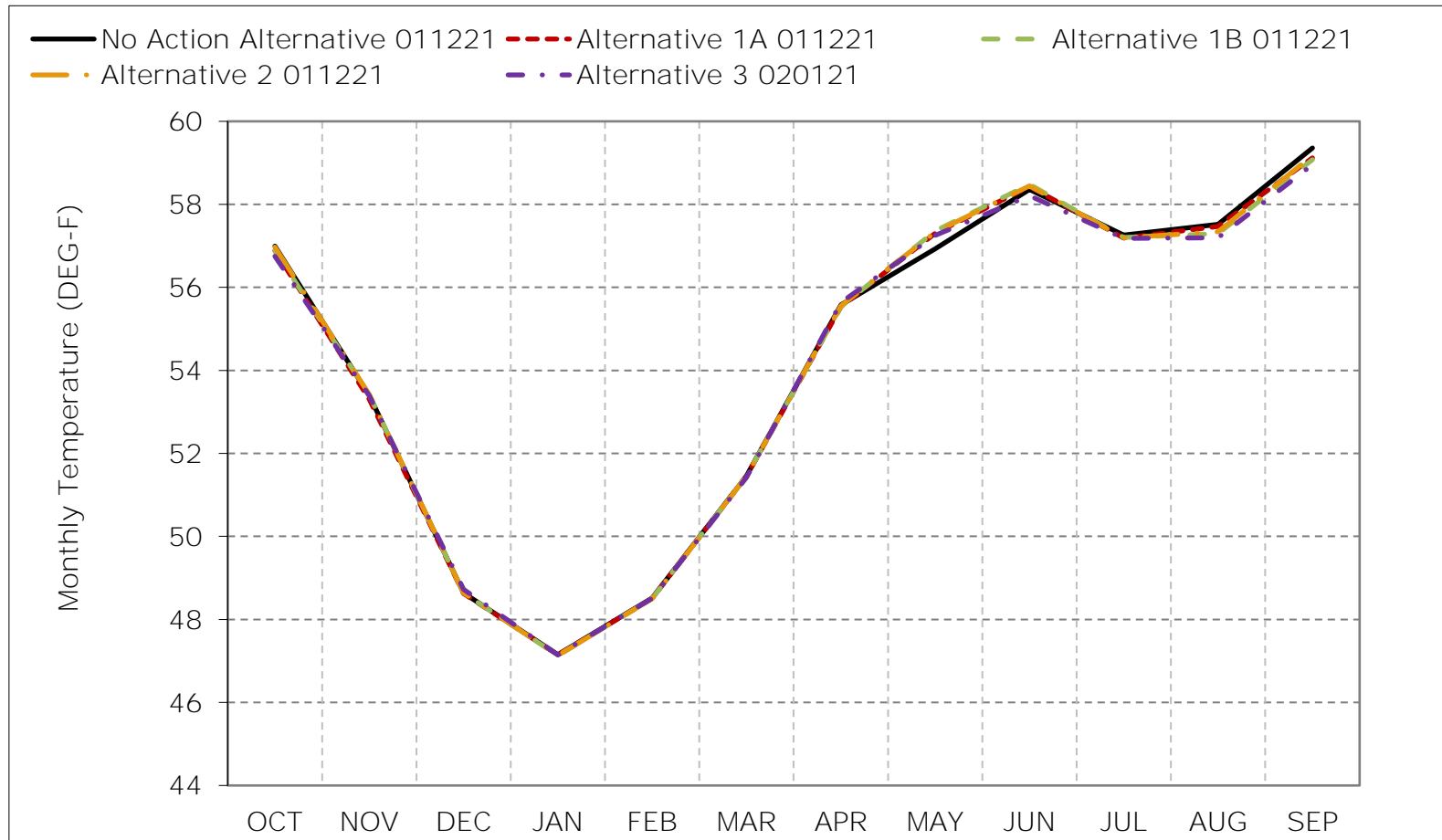


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-9-6. Sacramento River at Bend Bridge, Critical Year Average Temperature

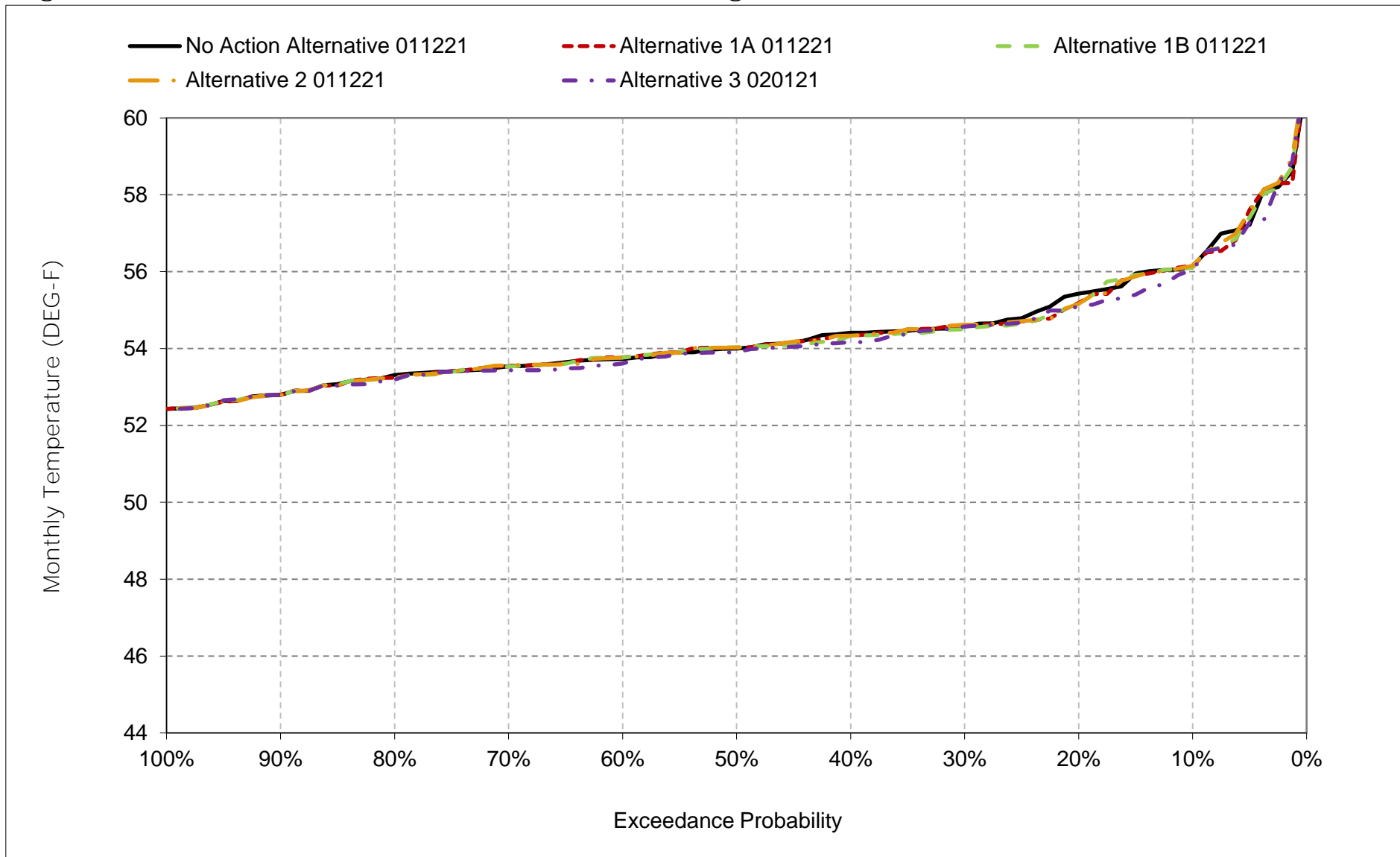


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

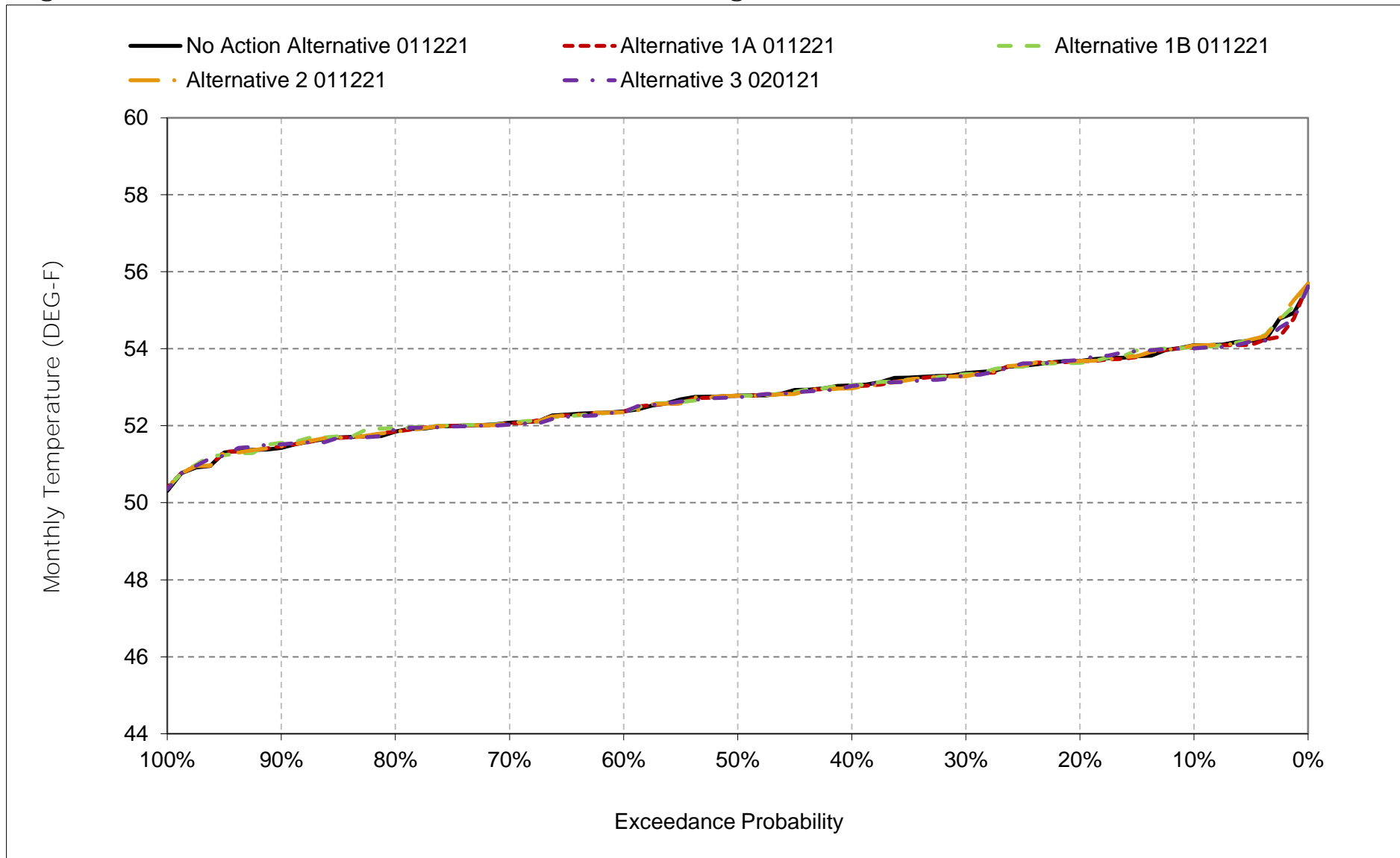
\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-9-7. Sacramento River at Bend Bridge, October



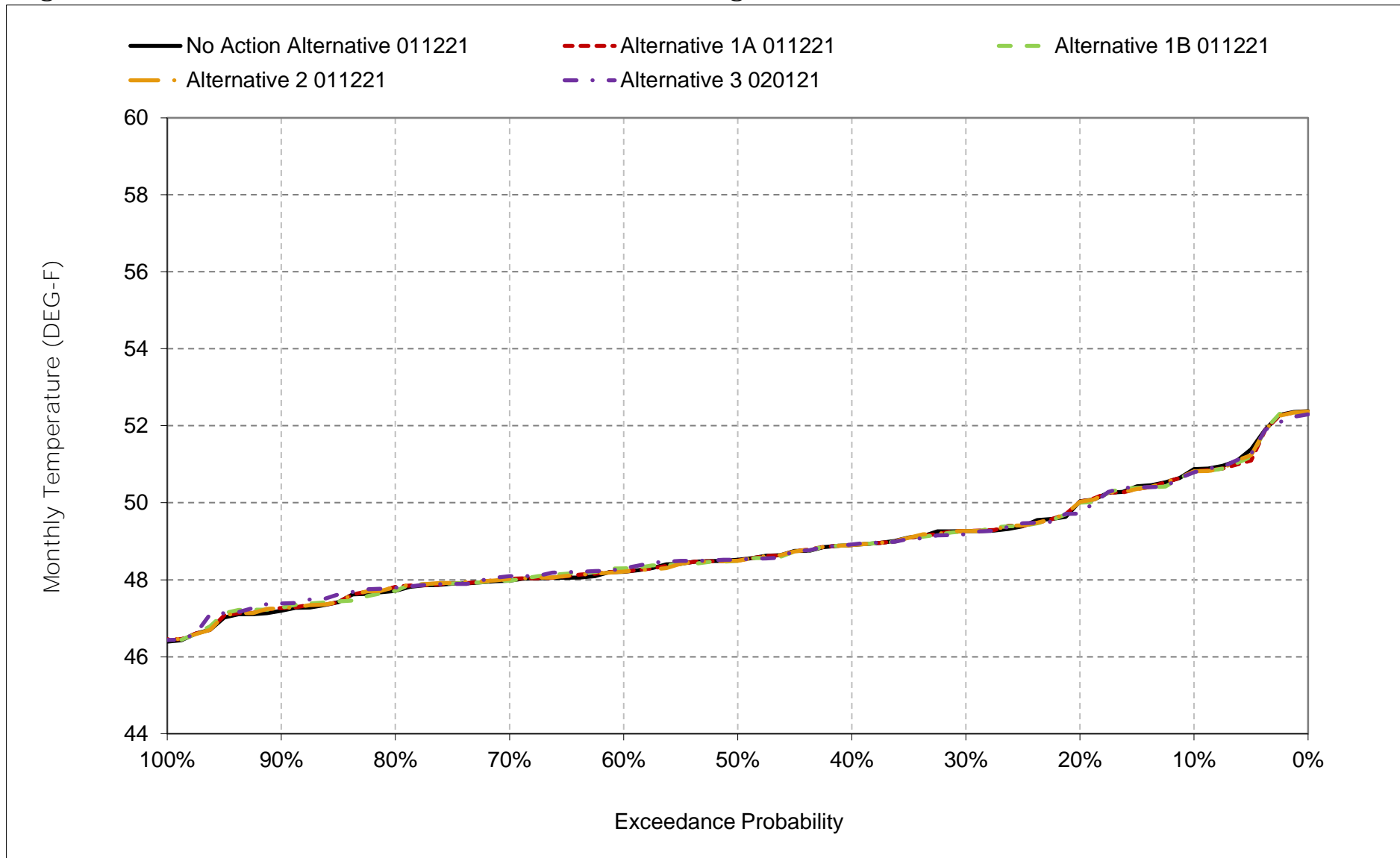
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-9-8. Sacramento River at Bend Bridge, November



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

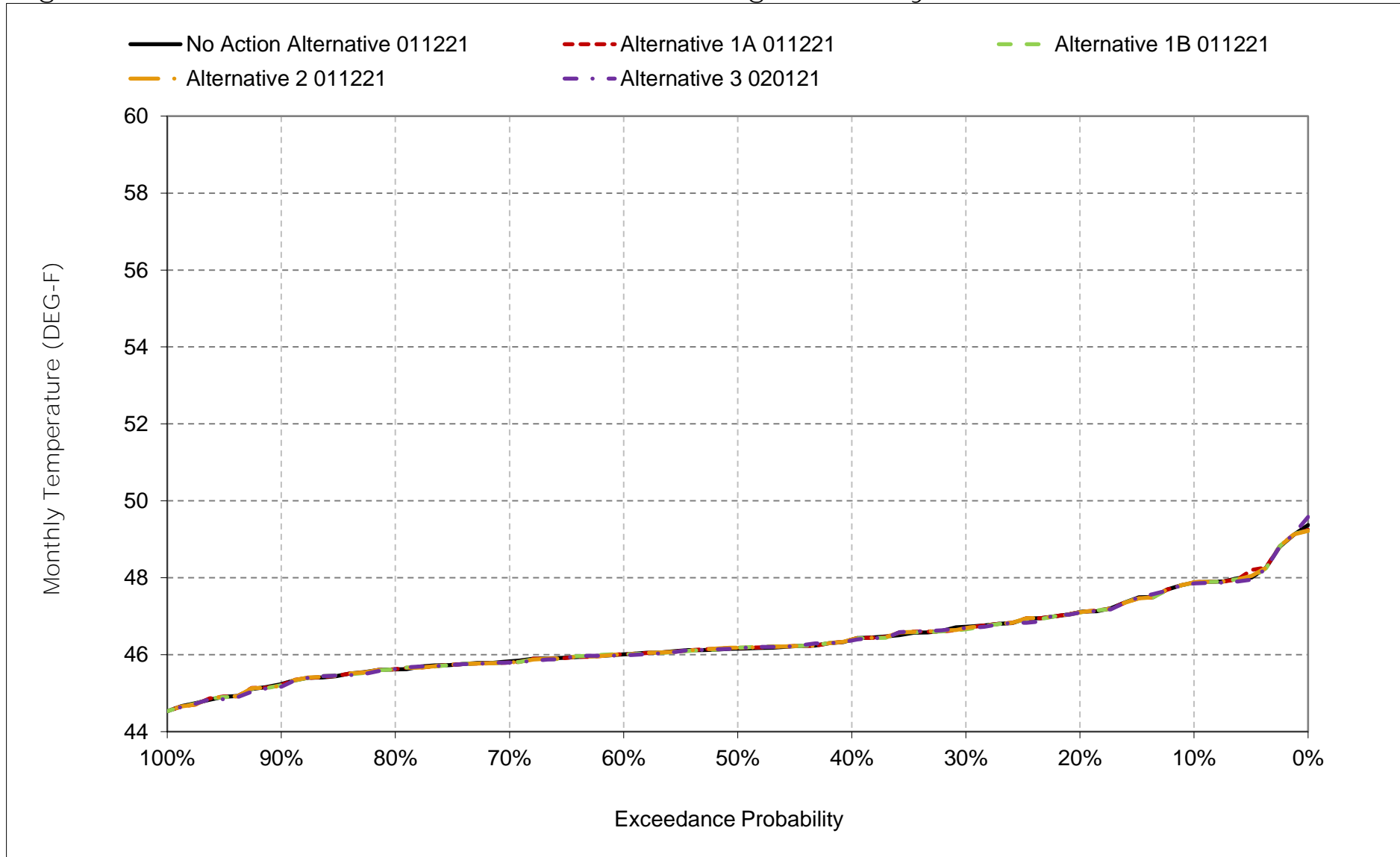
Figure 6C-9-9. Sacramento River at Bend Bridge, December



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

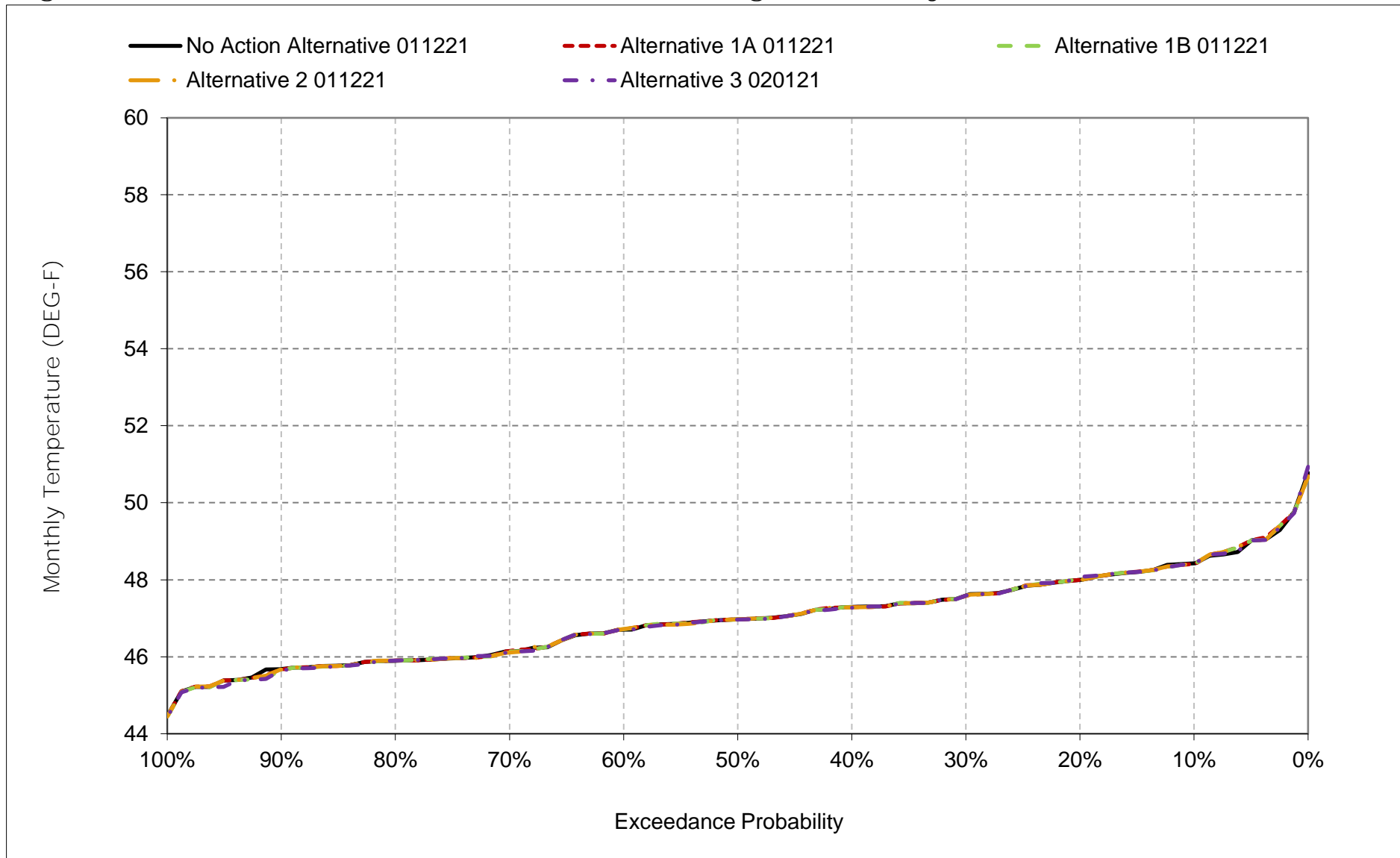


Figure 6C-9-10. Sacramento River at Bend Bridge, January



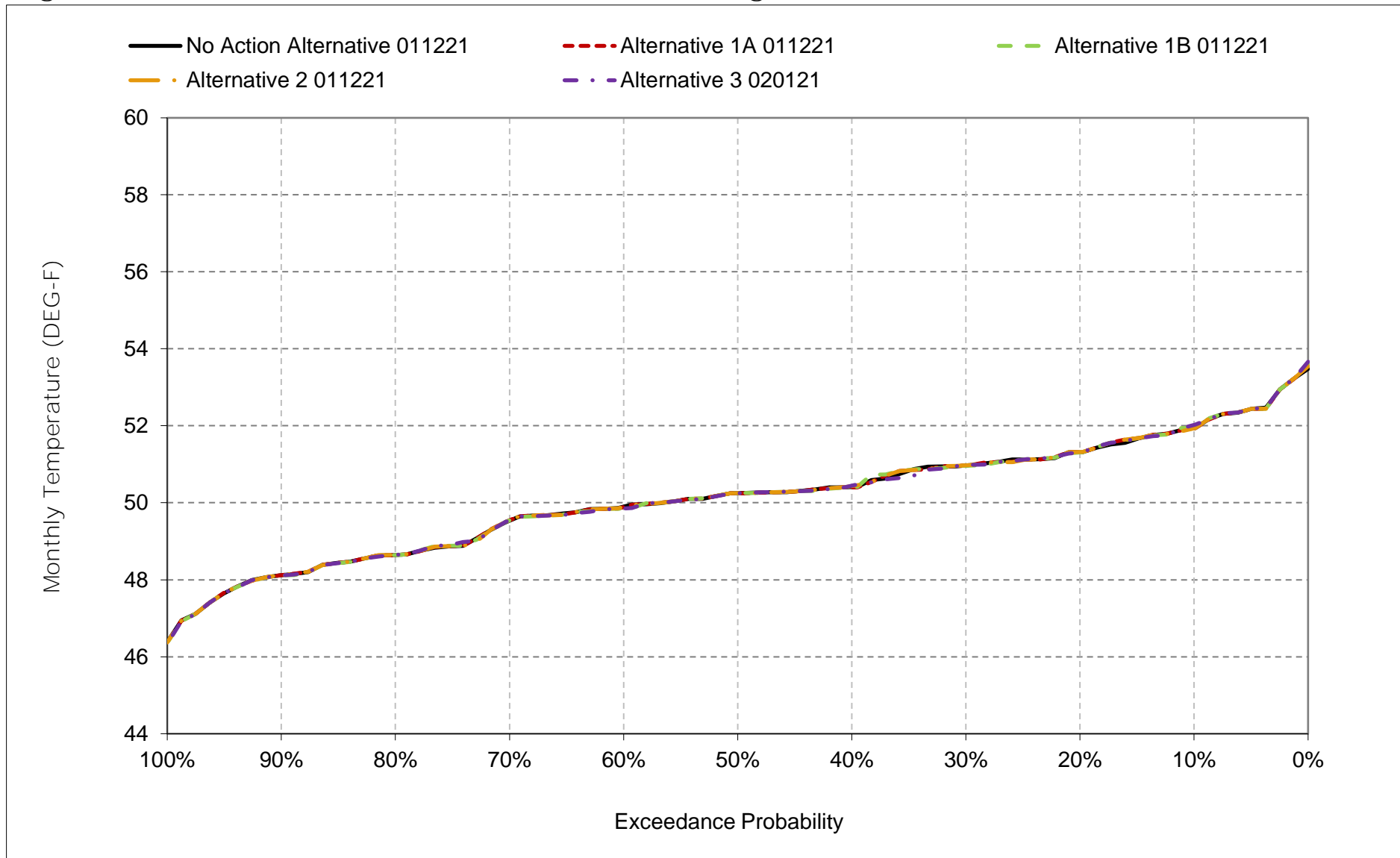
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-9-11. Sacramento River at Bend Bridge, February



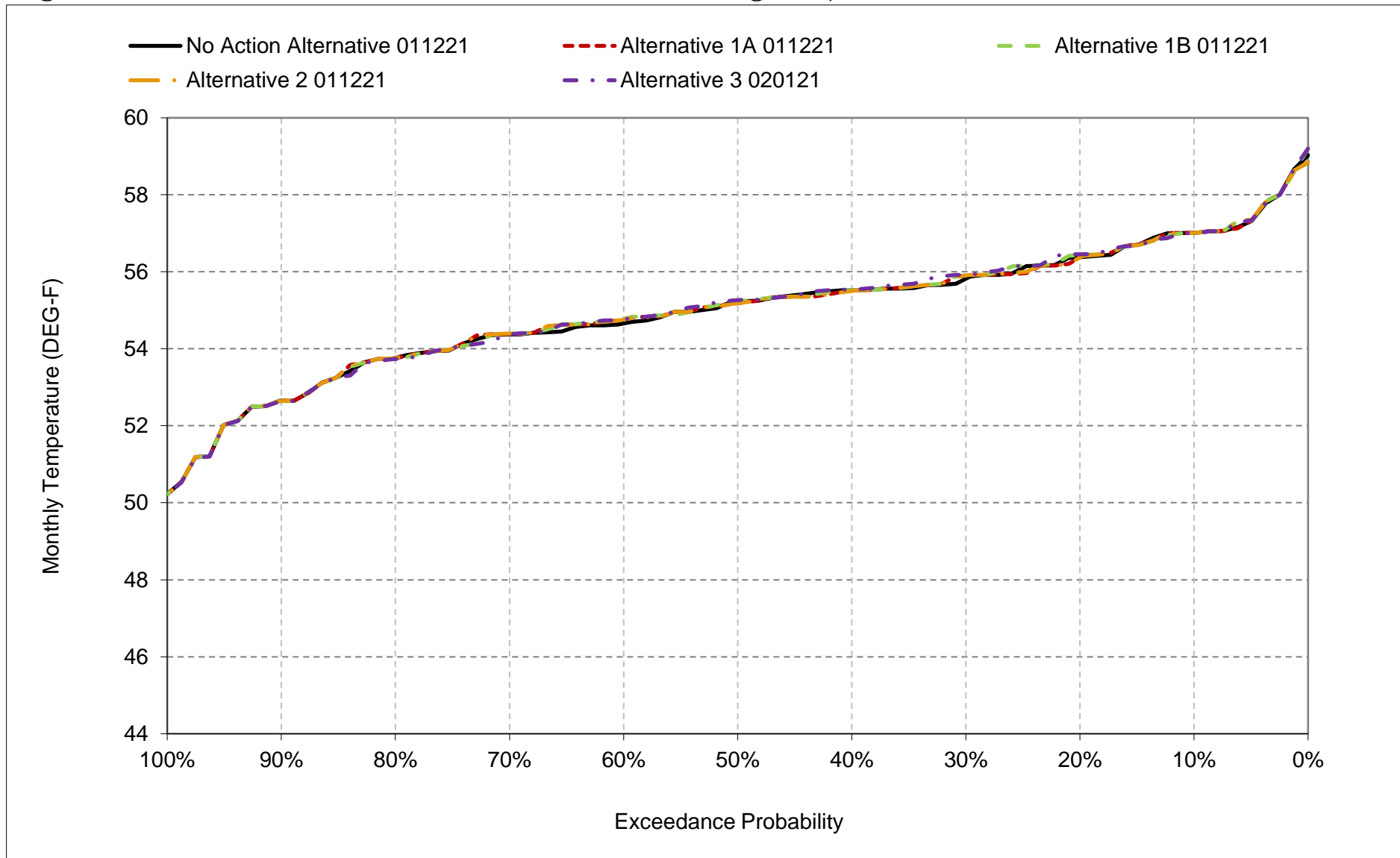
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-9-12. Sacramento River at Bend Bridge, March



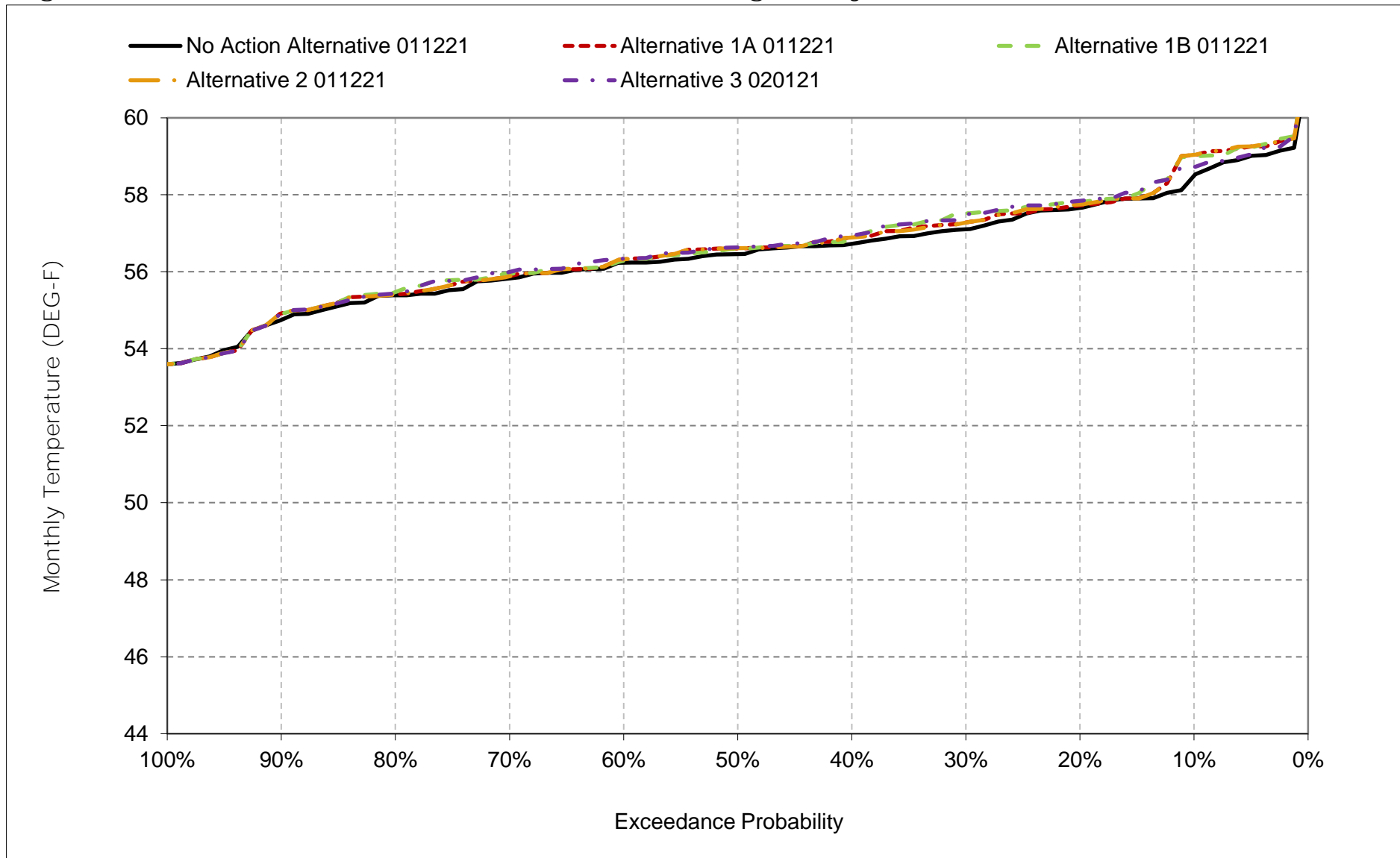
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-9-13. Sacramento River at Bend Bridge, April



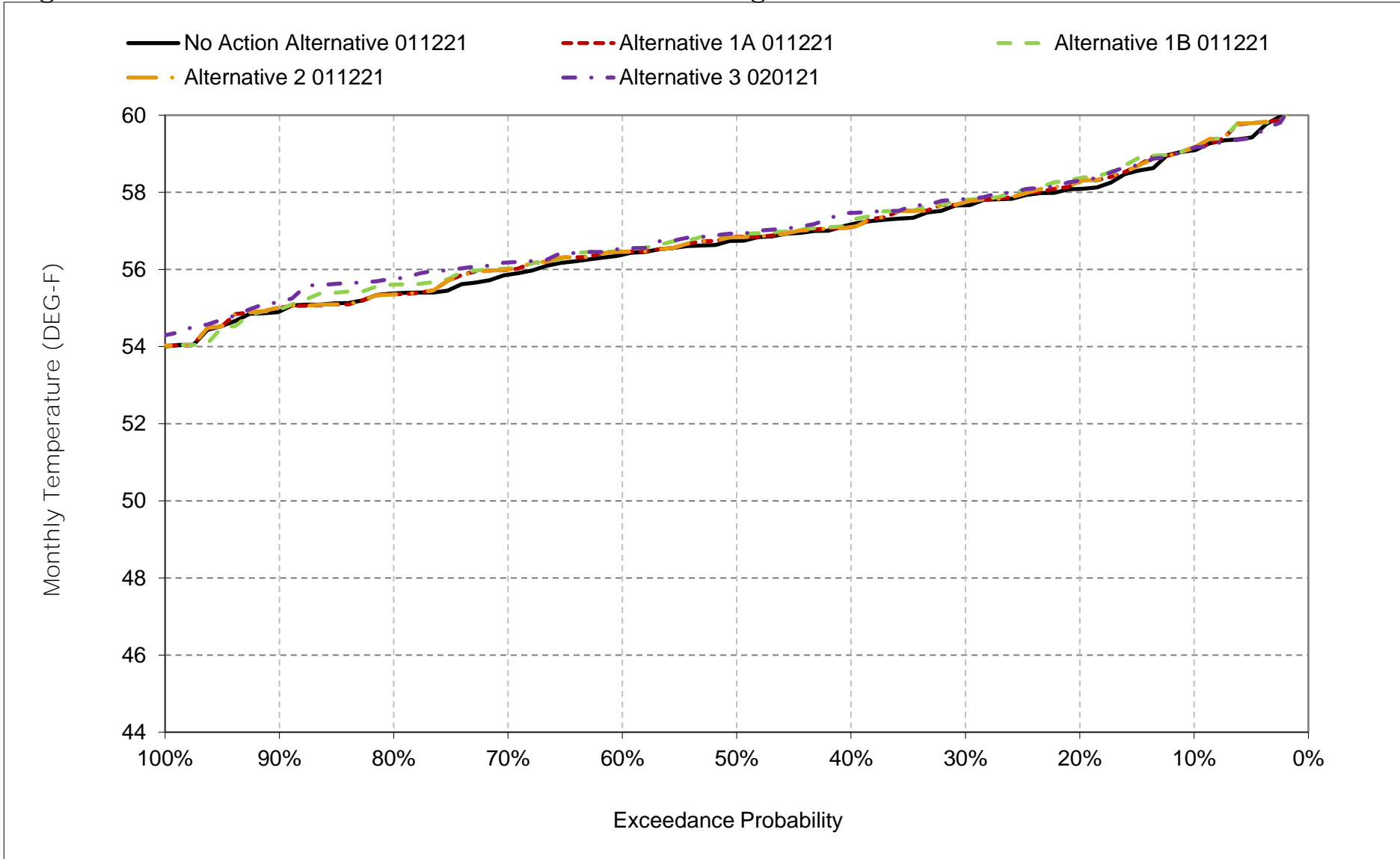
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-9-14. Sacramento River at Bend Bridge, May



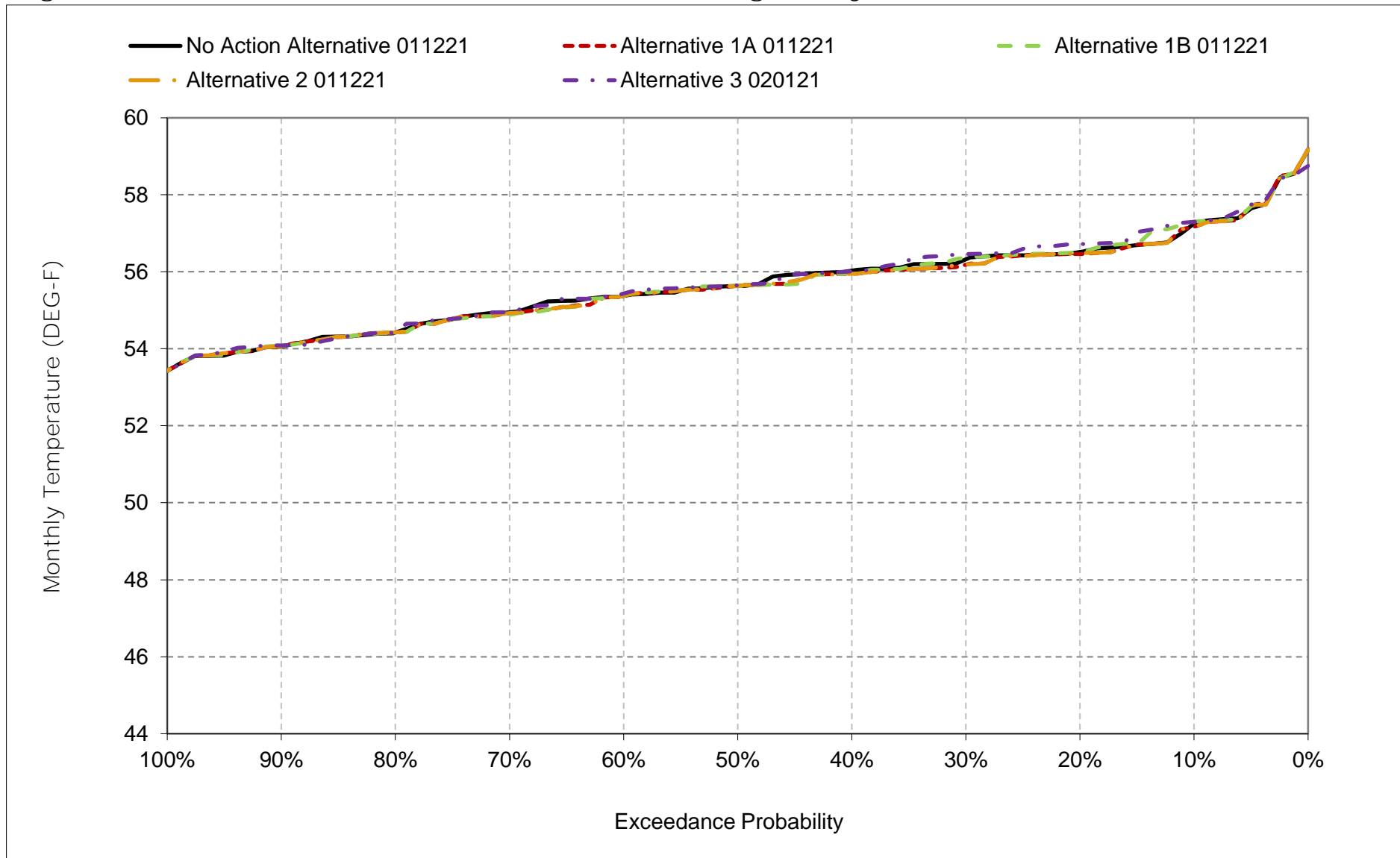
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-9-15. Sacramento River at Bend Bridge, June



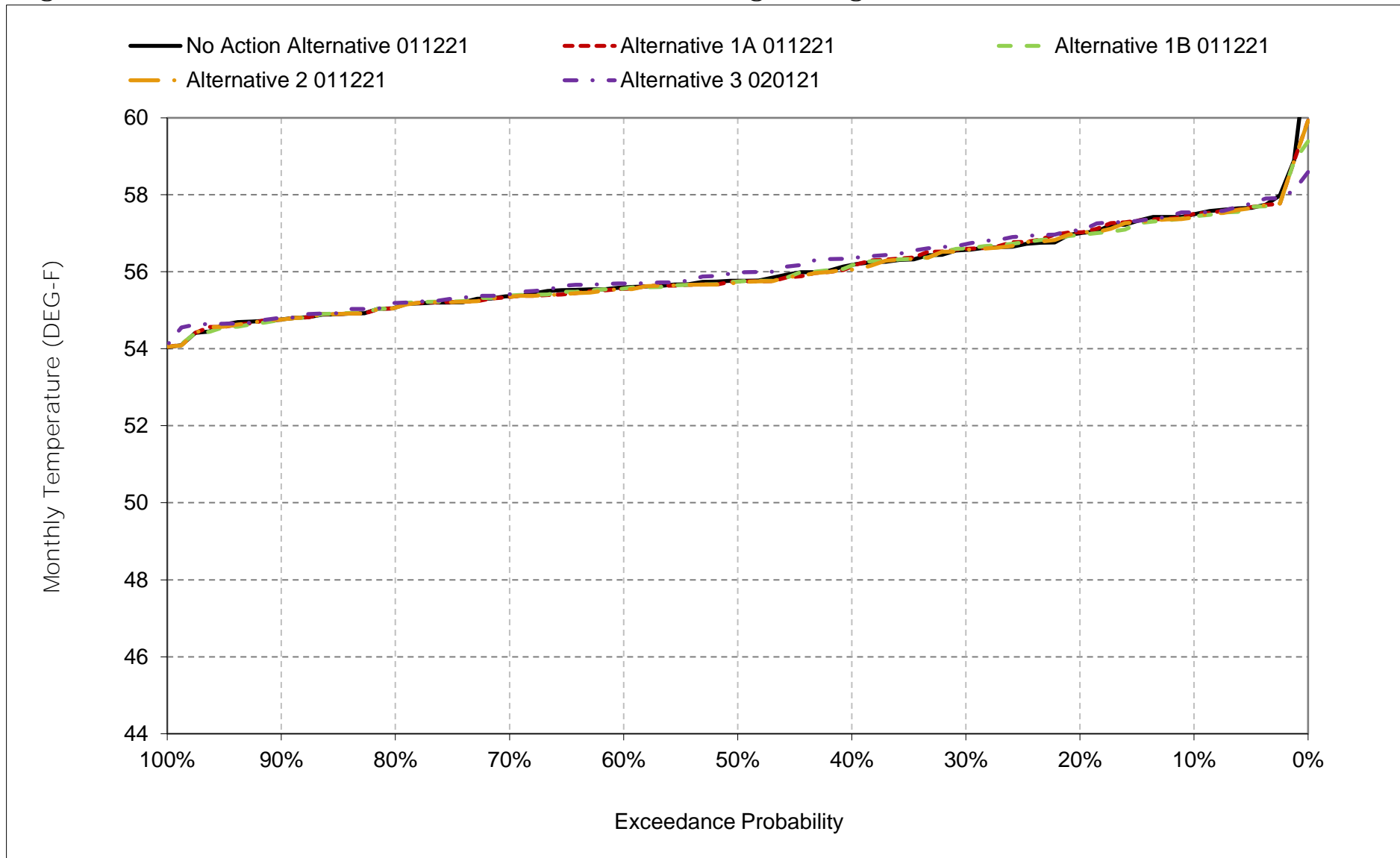
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-9-16. Sacramento River at Bend Bridge, July



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

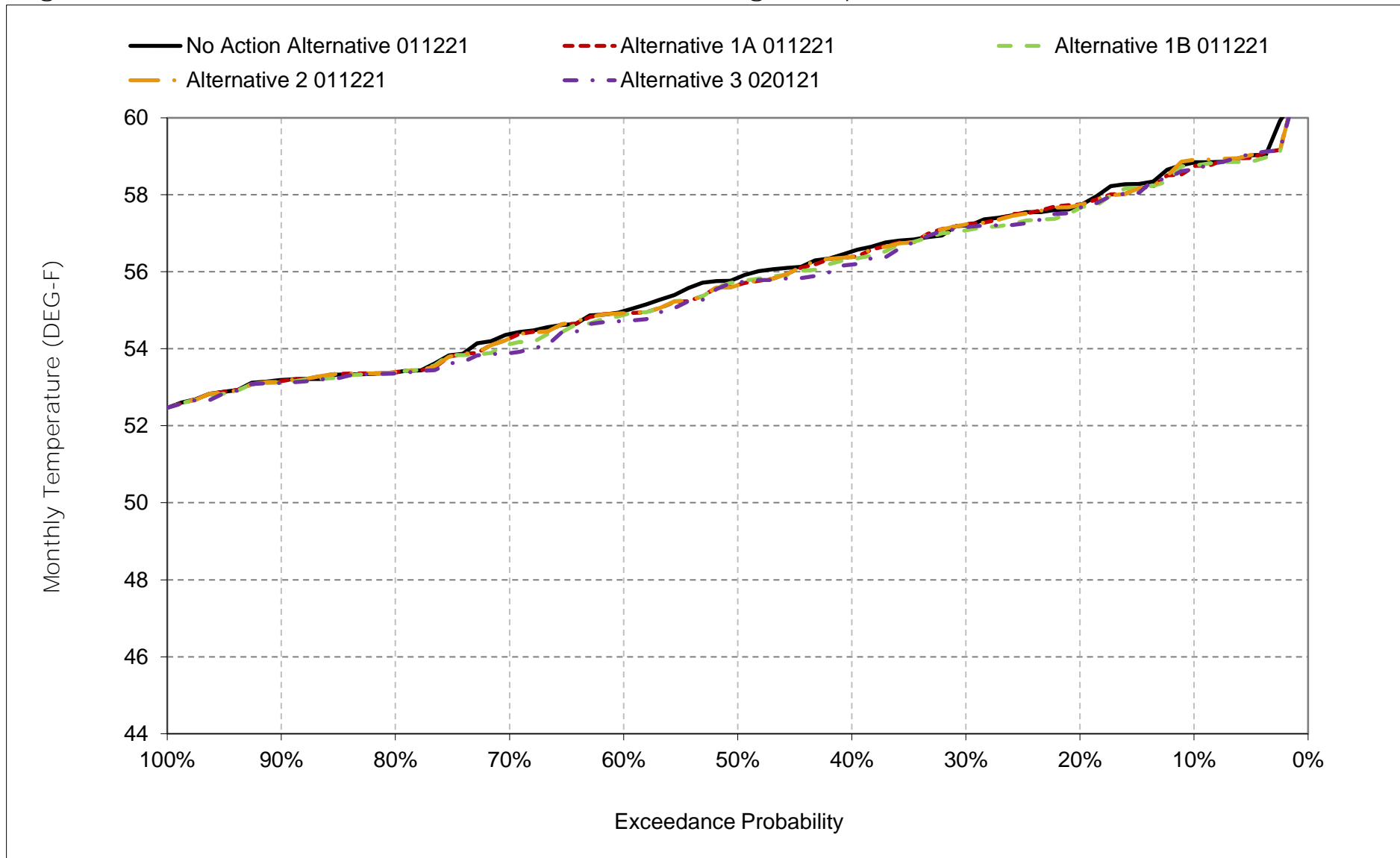
Figure 6C-9-17. Sacramento River at Bend Bridge, August



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.



Figure 6C-9-18. Sacramento River at Bend Bridge, September



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-10-1a. Sacramento River at Red Bluff, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	56.8	54.1	50.5	47.9	48.8	52.7	58.0	59.6	60.8	59.3	59.4	60.7
20%	56.2	53.7	49.9	47.1	48.3	51.9	57.2	58.9	59.8	58.5	59.0	59.7
30%	55.2	53.4	49.1	46.8	47.8	51.5	56.7	58.4	59.2	58.2	58.5	58.9
40%	55.0	53.0	48.8	46.4	47.5	51.0	56.4	57.9	58.9	58.0	58.1	58.4
50%	54.6	52.7	48.4	46.2	47.2	50.6	55.9	57.6	58.4	57.5	57.6	57.6
60%	54.4	52.4	48.2	46.0	47.0	50.4	55.4	57.2	58.0	57.2	57.4	56.4
70%	54.1	52.1	47.9	45.8	46.4	50.0	55.1	56.8	57.4	56.7	57.1	55.8
80%	53.9	51.9	47.7	45.6	46.0	48.9	54.4	56.3	57.0	56.1	56.7	54.7
90%	53.3	51.5	47.2	45.3	45.9	48.4	53.0	55.8	56.6	55.7	56.4	54.5
Long Term												
Full Simulation Period <sup>a</sup>	55.0	52.8	48.7	46.4	47.2	50.6	55.7	57.6	58.5	57.5	57.9	57.5
Water Year Types <sup>b,c</sup>												
Wet (32%)	54.0	53.0	49.2	46.1	46.4	49.2	54.2	57.0	59.0	57.6	57.3	55.2
Above Normal (15%)	54.6	52.5	48.5	46.3	46.7	49.9	55.5	57.6	58.3	56.5	57.2	56.0
Below Normal (17%)	54.7	52.4	48.5	46.1	47.0	51.0	56.4	57.8	57.6	56.8	57.6	58.0
Dry (22%)	55.2	52.5	48.4	46.4	47.9	51.6	56.9	58.0	57.5	57.4	58.3	59.2
Critical (15%)	57.6	53.4	48.5	47.2	48.8	52.1	56.6	58.1	60.0	59.4	59.5	61.1

Table 6C-10-1b. Sacramento River at Red Bluff, Alternative 1A 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	56.8	54.1	50.5	47.9	48.8	52.7	58.0	60.3	60.7	59.3	59.5	60.4
20%	55.9	53.7	49.9	47.1	48.3	51.9	57.1	59.0	59.9	58.5	59.1	59.6
30%	55.3	53.4	49.0	46.8	47.9	51.6	56.7	58.5	59.3	58.2	58.6	59.0
40%	55.0	53.0	48.8	46.4	47.5	51.0	56.4	58.1	58.9	57.9	58.1	58.3
50%	54.6	52.7	48.4	46.2	47.2	50.6	56.0	57.8	58.5	57.5	57.6	57.3
60%	54.4	52.3	48.2	46.0	47.0	50.4	55.5	57.3	58.1	57.2	57.3	56.4
70%	54.1	52.1	47.9	45.8	46.4	50.0	55.2	56.9	57.7	56.6	57.1	55.7
80%	53.8	51.9	47.7	45.6	46.0	48.9	54.4	56.5	57.0	56.1	56.7	54.7
90%	53.3	51.5	47.3	45.2	45.8	48.4	53.0	55.9	56.5	55.7	56.4	54.5
Long Term												
Full Simulation Period <sup>a</sup>	55.0	52.8	48.7	46.4	47.2	50.6	55.7	57.7	58.5	57.5	57.8	57.4
Water Year Types <sup>b,c</sup>												
Wet (32%)	54.0	52.9	49.2	46.1	46.4	49.3	54.2	57.1	59.0	57.6	57.3	55.2
Above Normal (15%)	54.5	52.5	48.5	46.3	46.7	49.9	55.5	57.7	58.4	56.5	57.2	55.9
Below Normal (17%)	54.7	52.5	48.5	46.1	47.0	51.1	56.4	57.9	57.6	56.7	57.7	57.9
Dry (22%)	55.2	52.5	48.4	46.5	47.9	51.6	57.0	58.2	57.7	57.3	58.1	59.0
Critical (15%)	57.4	53.3	48.5	47.2	48.8	52.1	56.6	58.5	60.0	59.4	59.5	60.9

Table 6C-10-1c. Sacramento River at Red Bluff, Alternative 1A 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	-0.3
20%	-0.3	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.1	0.0	0.0	-0.1
30%	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.1	-0.1	0.1	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0	-0.1
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	-0.1	-0.3
60%	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	-0.1	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	-0.1	0.0	-0.1
80%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	-0.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	0.0	0.0
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	-0.1	-0.2	-0.2
Critical (15%)	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.4	0.1	-0.1	0.0	-0.3

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-10-2a. Sacramento River at Red Bluff, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	56.8	54.1	50.5	47.9	48.8	52.7	58.0	59.6	60.8	59.3	59.4	60.7
20%	56.2	53.7	49.9	47.1	48.3	51.9	57.2	58.9	59.8	58.5	59.0	59.7
30%	55.2	53.4	49.1	46.8	47.8	51.5	56.7	58.4	59.2	58.2	58.5	58.9
40%	55.0	53.0	48.8	46.4	47.5	51.0	56.4	57.9	58.9	58.0	58.1	58.4
50%	54.6	52.7	48.4	46.2	47.2	50.6	55.9	57.6	58.4	57.5	57.6	57.6
60%	54.4	52.4	48.2	46.0	47.0	50.4	55.4	57.2	58.0	57.2	57.4	56.4
70%	54.1	52.1	47.9	45.8	46.4	50.0	55.1	56.8	57.4	56.7	57.1	55.8
80%	53.9	51.9	47.7	45.6	46.0	48.9	54.4	56.3	57.0	56.1	56.7	54.7
90%	53.3	51.5	47.2	45.3	45.9	48.4	53.0	55.8	56.6	55.7	56.4	54.5
Long Term												
Full Simulation Period <sup>a</sup>	55.0	52.8	48.7	46.4	47.2	50.6	55.7	57.6	58.5	57.5	57.9	57.5
Water Year Types <sup>b,c</sup>												
Wet (32%)	54.0	53.0	49.2	46.1	46.4	49.2	54.2	57.0	59.0	57.6	57.3	55.2
Above Normal (15%)	54.6	52.5	48.5	46.3	46.7	49.9	55.5	57.6	58.3	56.5	57.2	56.0
Below Normal (17%)	54.7	52.4	48.5	46.1	47.0	51.0	56.4	57.8	57.6	56.8	57.6	58.0
Dry (22%)	55.2	52.5	48.4	46.4	47.9	51.6	56.9	58.0	57.5	57.4	58.3	59.2
Critical (15%)	57.6	53.4	48.5	47.2	48.8	52.1	56.6	58.1	60.0	59.4	59.5	61.1

Table 6C-10-2b. Sacramento River at Red Bluff, Alternative 1B 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	56.8	54.1	50.5	47.9	48.8	52.7	58.0	60.1	60.8	59.4	59.4	60.5
20%	55.8	53.7	49.8	47.1	48.3	51.9	57.2	59.1	60.1	58.6	59.0	59.4
30%	55.2	53.3	49.0	46.7	47.8	51.6	56.7	58.7	59.4	58.3	58.6	58.9
40%	54.9	53.0	48.7	46.4	47.5	51.0	56.4	58.1	58.9	57.9	58.0	58.2
50%	54.6	52.7	48.4	46.2	47.2	50.6	56.0	57.7	58.6	57.5	57.6	57.4
60%	54.4	52.3	48.2	46.0	47.0	50.4	55.6	57.3	58.1	57.2	57.3	56.4
70%	54.1	52.1	47.9	45.8	46.4	50.0	55.0	57.0	57.7	56.6	57.1	55.5
80%	53.8	51.9	47.7	45.6	46.0	48.9	54.4	56.6	57.2	56.1	56.7	54.7
90%	53.3	51.6	47.3	45.2	45.8	48.4	53.0	55.9	56.6	55.7	56.4	54.5
Long Term												
Full Simulation Period <sup>a</sup>	55.0	52.8	48.7	46.4	47.2	50.6	55.8	57.8	58.6	57.5	57.8	57.4
Water Year Types <sup>b,c</sup>												
Wet (32%)	54.0	52.9	49.2	46.1	46.4	49.3	54.2	57.1	59.0	57.6	57.3	55.2
Above Normal (15%)	54.5	52.4	48.5	46.3	46.7	49.9	55.5	57.7	58.8	56.8	57.2	55.6
Below Normal (17%)	54.7	52.5	48.5	46.1	47.0	51.1	56.4	58.1	57.8	56.8	57.7	57.8
Dry (22%)	55.2	52.6	48.4	46.4	47.9	51.6	57.0	58.2	57.6	57.3	58.1	59.0
Critical (15%)	57.4	53.4	48.5	47.1	48.8	52.1	56.6	58.5	60.1	59.4	59.3	60.8

Table 6C-10-2c. Sacramento River at Red Bluff, Alternative 1B 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.1	0.0	-0.2
20%	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.1	-0.1	-0.4
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.1	-0.1
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-0.1	-0.1	-0.2
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	-0.2
60%	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.1	0.1	0.0	-0.1	0.0
70%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	-0.1	0.0	-0.3
80%	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.0	0.0
90%	0.0	0.2	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	-0.1	-0.2
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.2	0.0	-0.3
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.0	-0.1
Dry (22%)	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.1	-0.1	-0.1	-0.2
Critical (15%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	-0.1	-0.2	-0.3

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-10-3a. Sacramento River at Red Bluff, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	56.8	54.1	50.5	47.9	48.8	52.7	58.0	59.6	60.8	59.3	59.4	60.7
20%	56.2	53.7	49.9	47.1	48.3	51.9	57.2	58.9	59.8	58.5	59.0	59.7
30%	55.2	53.4	49.1	46.8	47.8	51.5	56.7	58.4	59.2	58.2	58.5	58.9
40%	55.0	53.0	48.8	46.4	47.5	51.0	56.4	57.9	58.9	58.0	58.1	58.4
50%	54.6	52.7	48.4	46.2	47.2	50.6	55.9	57.6	58.4	57.5	57.6	57.6
60%	54.4	52.4	48.2	46.0	47.0	50.4	55.4	57.2	58.0	57.2	57.4	56.4
70%	54.1	52.1	47.9	45.8	46.4	50.0	55.1	56.8	57.4	56.7	57.1	55.8
80%	53.9	51.9	47.7	45.6	46.0	48.9	54.4	56.3	57.0	56.1	56.7	54.7
90%	53.3	51.5	47.2	45.3	45.9	48.4	53.0	55.8	56.6	55.7	56.4	54.5
Long Term												
Full Simulation Period <sup>a</sup>	55.0	52.8	48.7	46.4	47.2	50.6	55.7	57.6	58.5	57.5	57.9	57.5
Water Year Types <sup>b,c</sup>												
Wet (32%)	54.0	53.0	49.2	46.1	46.4	49.2	54.2	57.0	59.0	57.6	57.3	55.2
Above Normal (15%)	54.6	52.5	48.5	46.3	46.7	49.9	55.5	57.6	58.3	56.5	57.2	56.0
Below Normal (17%)	54.7	52.4	48.5	46.1	47.0	51.0	56.4	57.8	57.6	56.8	57.6	58.0
Dry (22%)	55.2	52.5	48.4	46.4	47.9	51.6	56.9	58.0	57.5	57.4	58.3	59.2
Critical (15%)	57.6	53.4	48.5	47.2	48.8	52.1	56.6	58.1	60.0	59.4	59.5	61.1

Table 6C-10-3b. Sacramento River at Red Bluff, Alternative 2 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	56.8	54.1	50.5	47.9	48.8	52.7	58.0	60.3	60.8	59.3	59.4	60.6
20%	55.8	53.7	49.9	47.1	48.3	52.0	57.1	59.0	59.9	58.6	59.0	59.5
30%	55.3	53.4	49.1	46.8	47.8	51.6	56.7	58.6	59.3	58.2	58.5	59.0
40%	55.0	52.9	48.8	46.4	47.5	51.0	56.4	58.1	58.9	57.9	58.0	58.3
50%	54.6	52.7	48.4	46.2	47.2	50.6	56.0	57.8	58.5	57.5	57.6	57.3
60%	54.4	52.3	48.2	46.0	47.0	50.4	55.5	57.3	58.1	57.2	57.3	56.4
70%	54.1	52.1	47.9	45.8	46.4	50.0	55.2	56.9	57.7	56.6	57.1	55.7
80%	53.8	51.9	47.8	45.6	46.0	48.9	54.4	56.5	57.0	56.1	56.7	54.7
90%	53.3	51.5	47.3	45.2	45.8	48.4	53.0	55.9	56.5	55.7	56.4	54.5
Long Term												
Full Simulation Period <sup>a</sup>	55.0	52.8	48.7	46.4	47.2	50.6	55.7	57.8	58.5	57.5	57.8	57.4
Water Year Types <sup>b,c</sup>												
Wet (32%)	54.0	52.9	49.2	46.1	46.4	49.3	54.2	57.1	59.0	57.6	57.3	55.2
Above Normal (15%)	54.5	52.5	48.5	46.3	46.7	49.9	55.5	57.7	58.4	56.5	57.2	55.9
Below Normal (17%)	54.7	52.5	48.5	46.1	47.0	51.1	56.4	57.9	57.7	56.7	57.6	57.9
Dry (22%)	55.2	52.5	48.4	46.5	47.9	51.6	57.0	58.2	57.7	57.3	58.1	59.0
Critical (15%)	57.5	53.5	48.5	47.1	48.8	52.1	56.6	58.5	60.0	59.4	59.3	60.9

Table 6C-10-3c. Sacramento River at Red Bluff, Alternative 2 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	-0.1
20%	-0.3	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.2	0.0	0.0	-0.2
30%	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.1	-0.1	0.0	0.0
40%	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	-0.1	-0.1
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	-0.1	-0.3
60%	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	-0.1	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	-0.1	0.0	-0.1
80%	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	-0.1	-0.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	0.0	0.0
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	-0.1	-0.2	-0.2
Critical (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	-0.1	-0.2	-0.2

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-10-4a. Sacramento River at Red Bluff, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	56.8	54.1	50.5	47.9	48.8	52.7	58.0	59.6	60.8	59.3	59.4	60.7
20%	56.2	53.7	49.9	47.1	48.3	51.9	57.2	58.9	59.8	58.5	59.0	59.7
30%	55.2	53.4	49.1	46.8	47.8	51.5	56.7	58.4	59.2	58.2	58.5	58.9
40%	55.0	53.0	48.8	46.4	47.5	51.0	56.4	57.9	58.9	58.0	58.1	58.4
50%	54.6	52.7	48.4	46.2	47.2	50.6	55.9	57.6	58.4	57.5	57.6	57.6
60%	54.4	52.4	48.2	46.0	47.0	50.4	55.4	57.2	58.0	57.2	57.4	56.4
70%	54.1	52.1	47.9	45.8	46.4	50.0	55.1	56.8	57.4	56.7	57.1	55.8
80%	53.9	51.9	47.7	45.6	46.0	48.9	54.4	56.3	57.0	56.1	56.7	54.7
90%	53.3	51.5	47.2	45.3	45.9	48.4	53.0	55.8	56.6	55.7	56.4	54.5
Long Term												
Full Simulation Period <sup>a</sup>	55.0	52.8	48.7	46.4	47.2	50.6	55.7	57.6	58.5	57.5	57.9	57.5
Water Year Types <sup>b,c</sup>												
Wet (32%)	54.0	53.0	49.2	46.1	46.4	49.2	54.2	57.0	59.0	57.6	57.3	55.2
Above Normal (15%)	54.6	52.5	48.5	46.3	46.7	49.9	55.5	57.6	58.3	56.5	57.2	56.0
Below Normal (17%)	54.7	52.4	48.5	46.1	47.0	51.0	56.4	57.8	57.6	56.8	57.6	58.0
Dry (22%)	55.2	52.5	48.4	46.4	47.9	51.6	56.9	58.0	57.5	57.4	58.3	59.2
Critical (15%)	57.6	53.4	48.5	47.2	48.8	52.1	56.6	58.1	60.0	59.4	59.5	61.1

Table 6C-10-4b. Sacramento River at Red Bluff, Alternative 3 020121, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	56.8	54.1	50.5	47.8	48.8	52.7	58.0	60.0	60.8	59.5	59.6	60.5
20%	55.9	53.8	49.6	47.1	48.3	52.0	57.3	59.1	60.1	58.7	59.1	59.5
30%	55.2	53.3	49.0	46.8	47.8	51.5	56.8	58.7	59.5	58.4	58.7	58.9
40%	54.9	53.0	48.8	46.4	47.5	50.9	56.4	58.2	59.0	57.9	58.3	58.1
50%	54.6	52.8	48.4	46.2	47.1	50.6	56.0	57.9	58.7	57.5	57.7	57.3
60%	54.2	52.3	48.2	46.0	47.0	50.4	55.5	57.4	58.2	57.3	57.6	56.3
70%	54.0	52.1	48.0	45.8	46.3	50.0	55.0	57.1	57.8	56.8	57.2	55.4
80%	53.8	51.9	47.7	45.6	46.0	48.9	54.5	56.5	57.4	56.1	56.8	54.7
90%	53.3	51.5	47.3	45.2	45.8	48.4	53.0	55.9	56.8	55.7	56.4	54.5
Long Term												
Full Simulation Period <sup>a</sup>	54.9	52.8	48.7	46.4	47.2	50.6	55.8	57.8	58.7	57.6	57.9	57.3
Water Year Types <sup>b,c</sup>												
Wet (32%)	54.0	52.9	49.2	46.1	46.4	49.3	54.2	57.1	59.0	57.6	57.3	55.2
Above Normal (15%)	54.3	52.4	48.5	46.3	46.7	49.9	55.5	57.7	59.0	57.0	57.8	55.4
Below Normal (17%)	54.5	52.5	48.5	46.1	47.0	51.1	56.4	58.1	58.2	56.9	57.7	57.7
Dry (22%)	55.1	52.5	48.4	46.4	47.9	51.6	57.1	58.3	57.7	57.4	58.3	59.0
Critical (15%)	57.3	53.4	48.6	47.2	48.8	52.1	56.7	58.4	59.8	59.4	59.2	60.7

Table 6C-10-4c. Sacramento River at Red Bluff, Alternative 3 020121 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.1	0.0	0.0	-0.1	0.0	0.1	0.0	0.4	0.0	0.1	0.2	-0.2
20%	-0.3	0.1	-0.3	0.0	0.0	0.0	0.1	0.2	0.3	0.2	0.1	-0.2
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.2	0.2	-0.1
40%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	-0.1	0.2	-0.2
50%	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.1	0.0	-0.4
60%	-0.2	-0.1	0.1	0.0	0.0	0.0	0.1	0.2	0.2	0.1	0.2	-0.1
70%	-0.1	0.0	0.1	0.0	-0.1	0.0	-0.1	0.2	0.5	0.0	0.0	-0.4
80%	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.1	0.1	0.0
90%	0.0	0.1	0.1	-0.1	-0.1	0.0	0.0	0.1	0.3	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.1	0.1	-0.2
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	-0.3	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.7	0.4	0.6	-0.6
Below Normal (17%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.1	0.1	-0.2
Dry (22%)	-0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.3	0.2	0.0	0.1	-0.1
Critical (15%)	-0.3	0.0	0.1	0.0	0.0	0.0	0.1	0.4	-0.1	-0.1	-0.3	-0.4

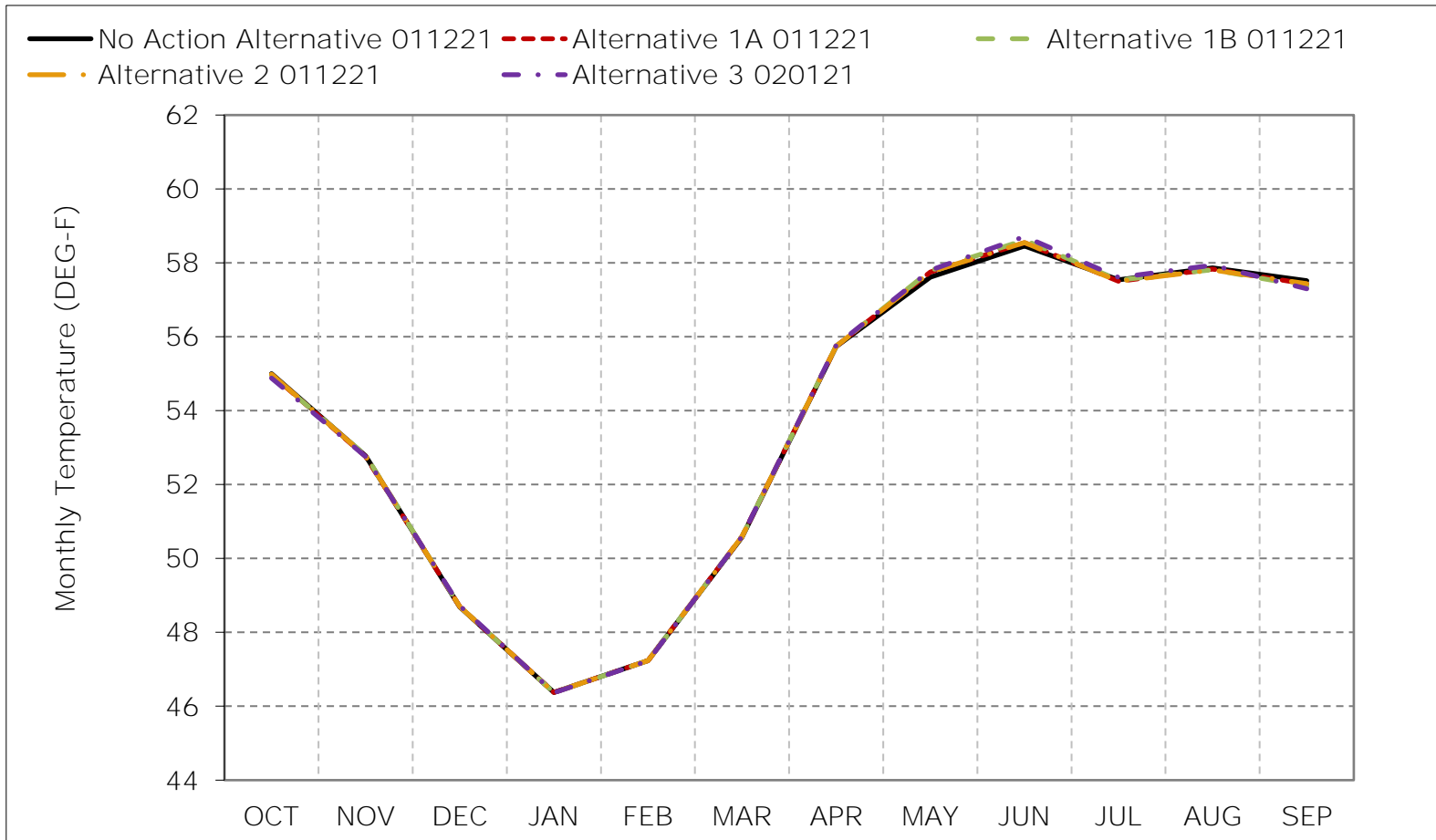
a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-10-1. Sacramento River at Red Bluff, Long-Term Average Temperature

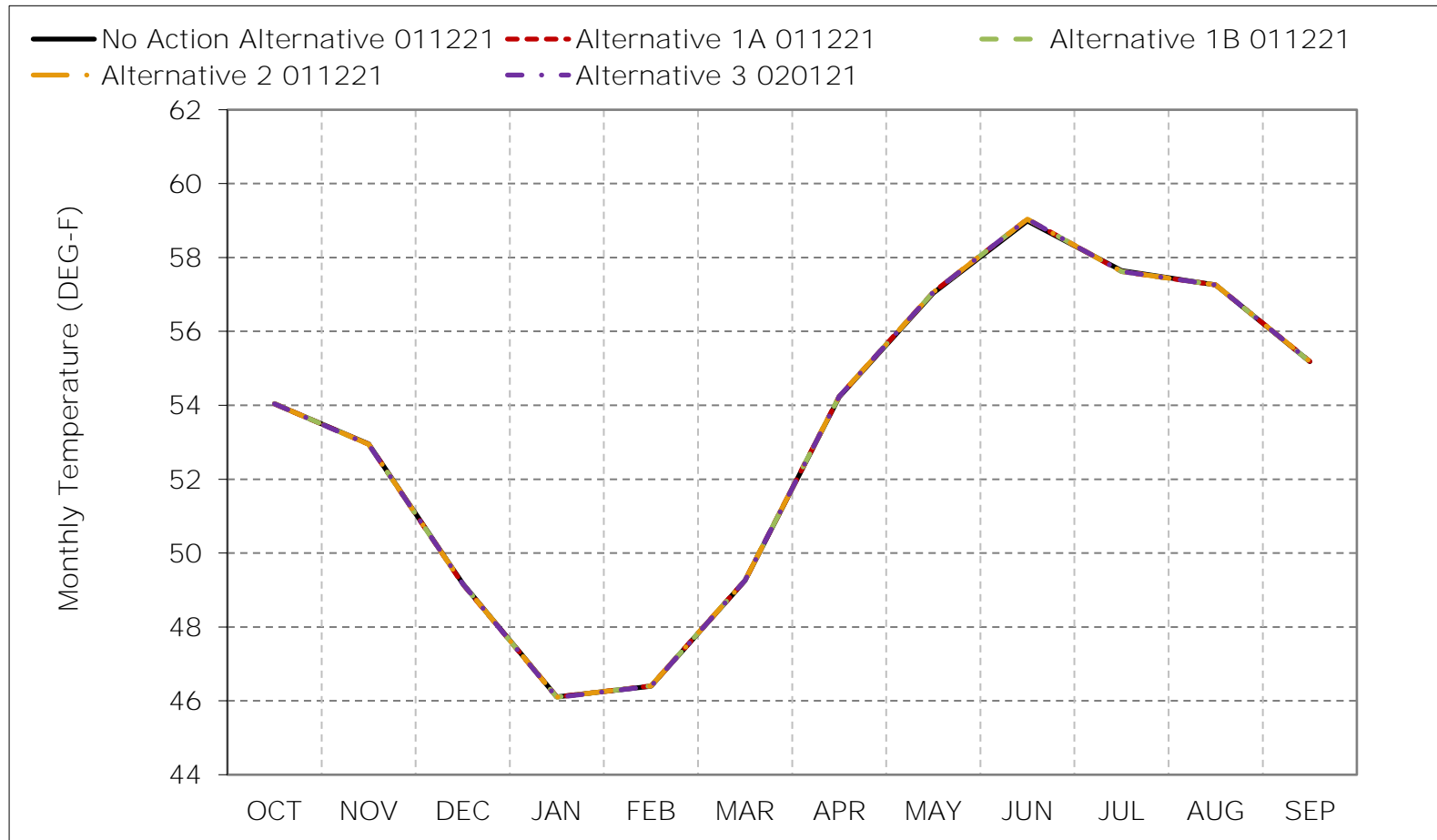


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-10-2. Sacramento River at Red Bluff, Wet Year Average Temperature

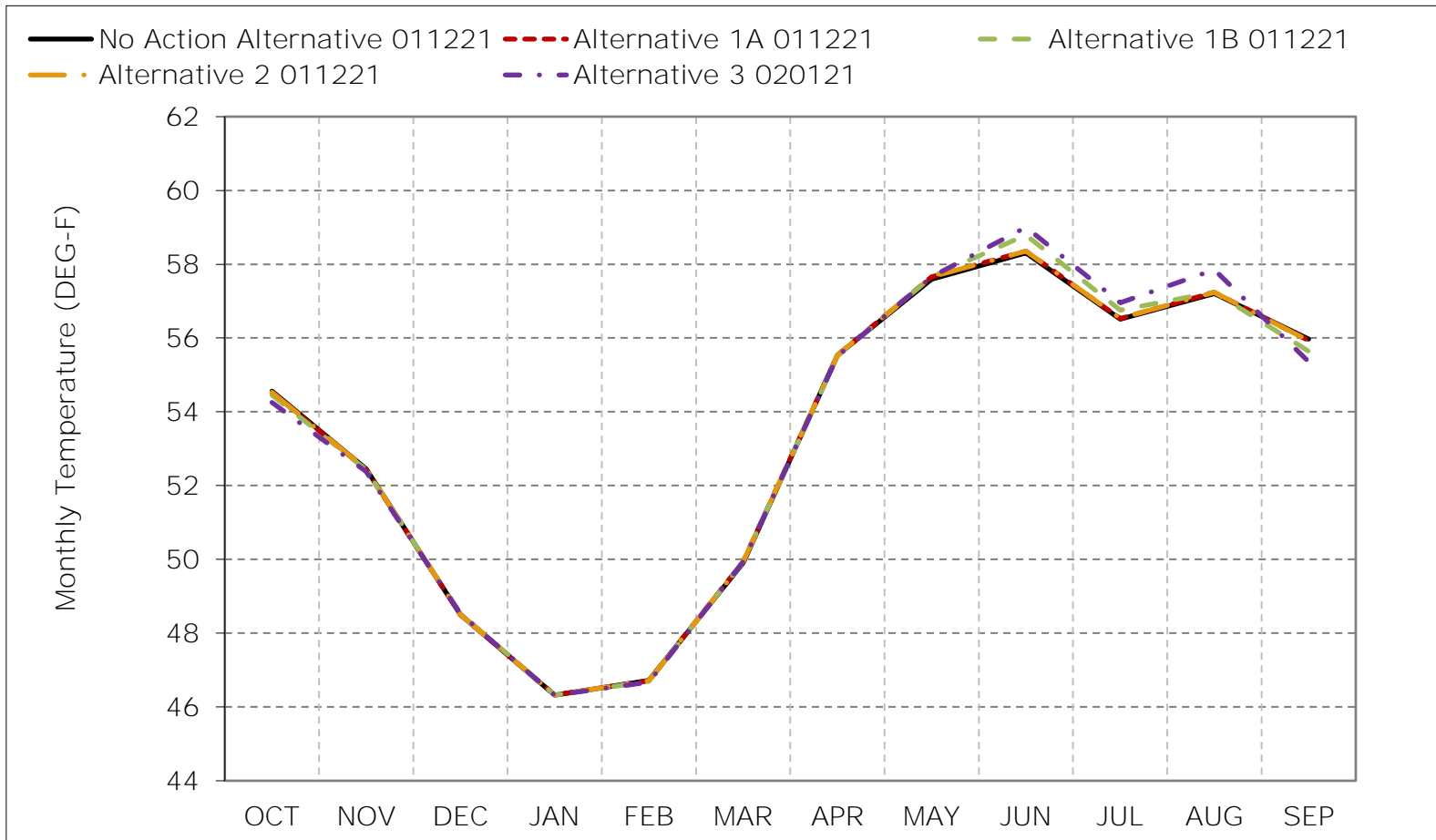


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-10-3. Sacramento River at Red Bluff, Above Normal Year Average Temperat



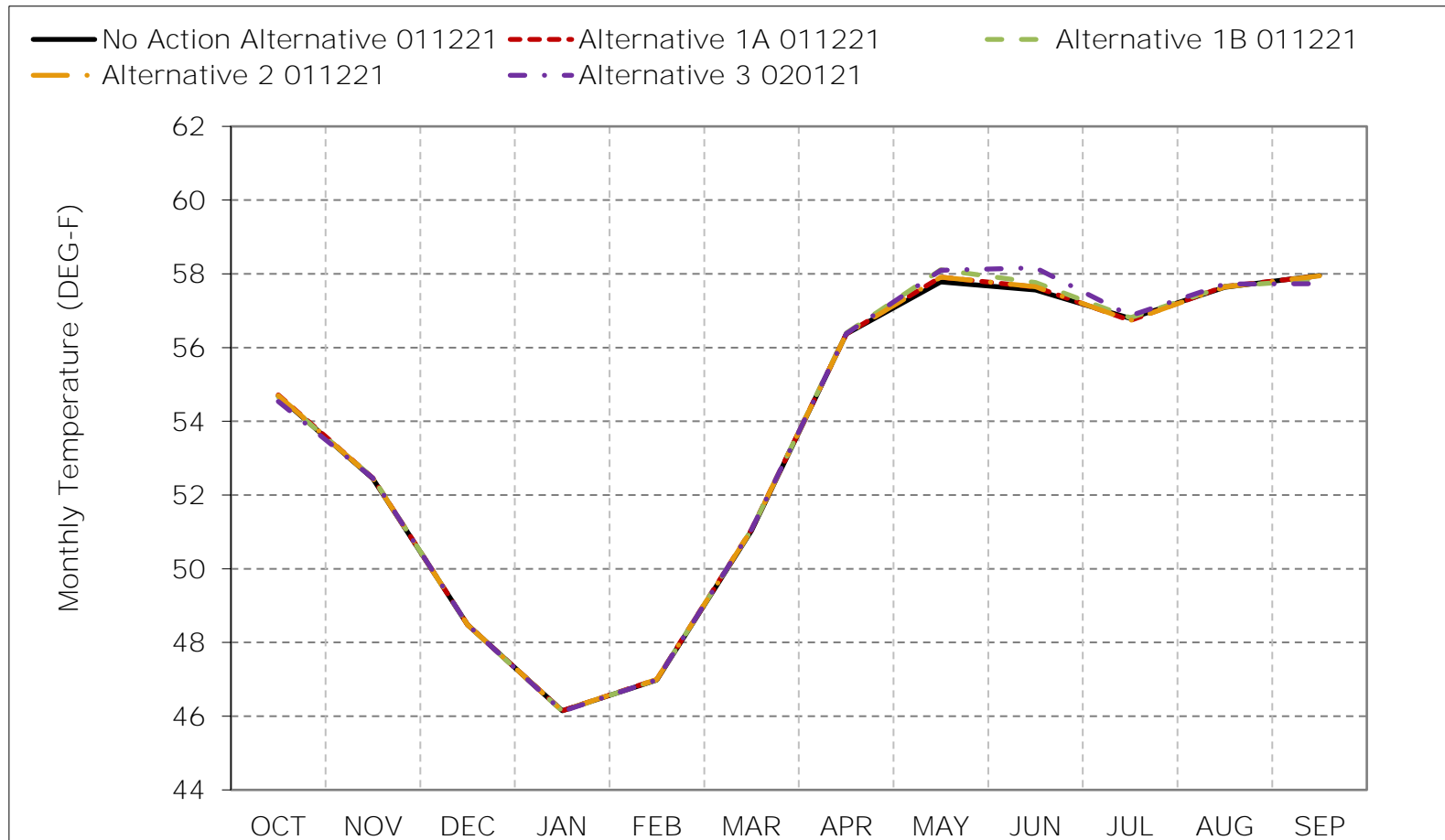
\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.



Figure 6C-10-4. Sacramento River at Red Bluff, Below Normal Year Average Temperat

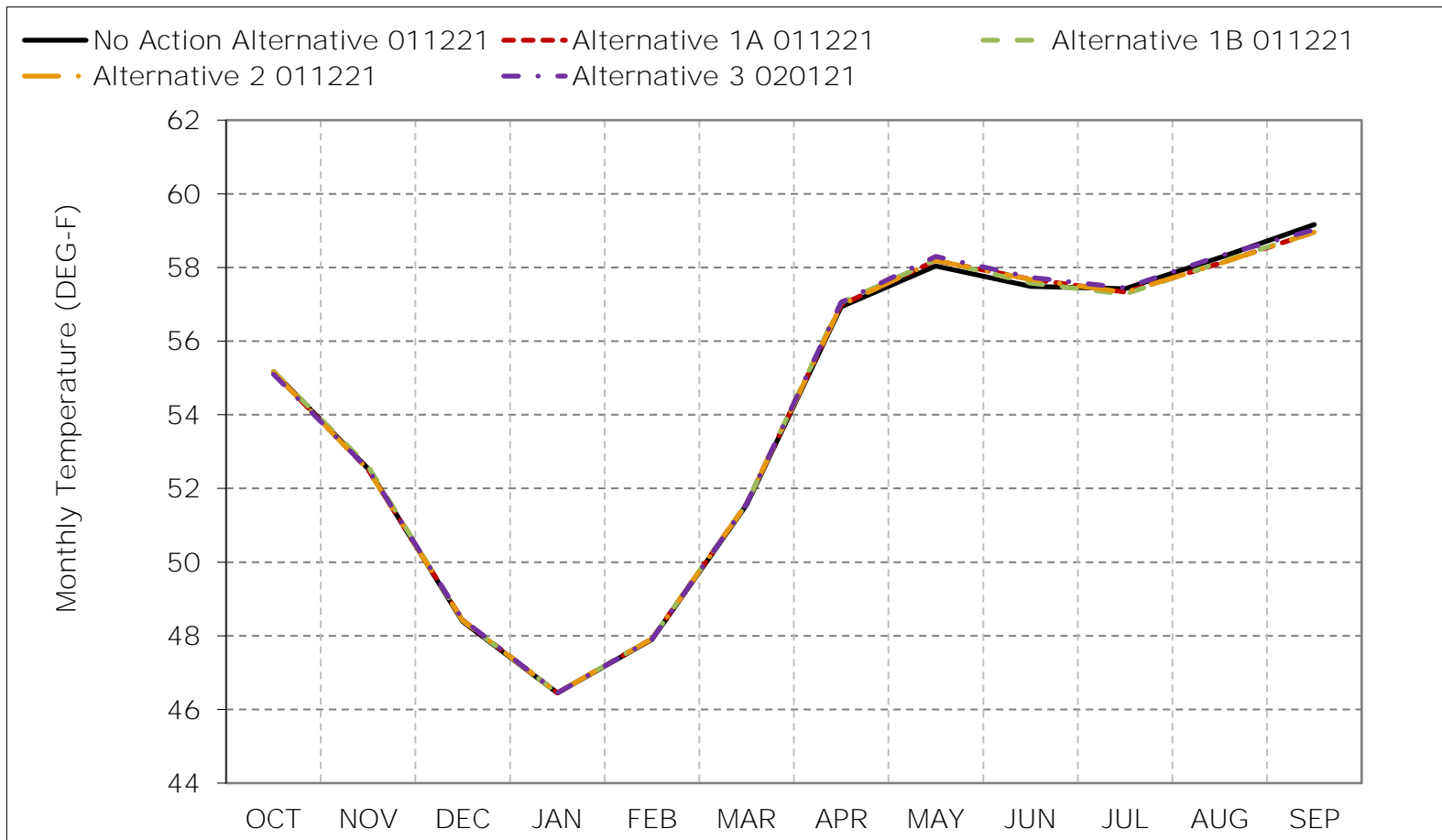


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-10-5. Sacramento River at Red Bluff, Dry Year Average Temperature

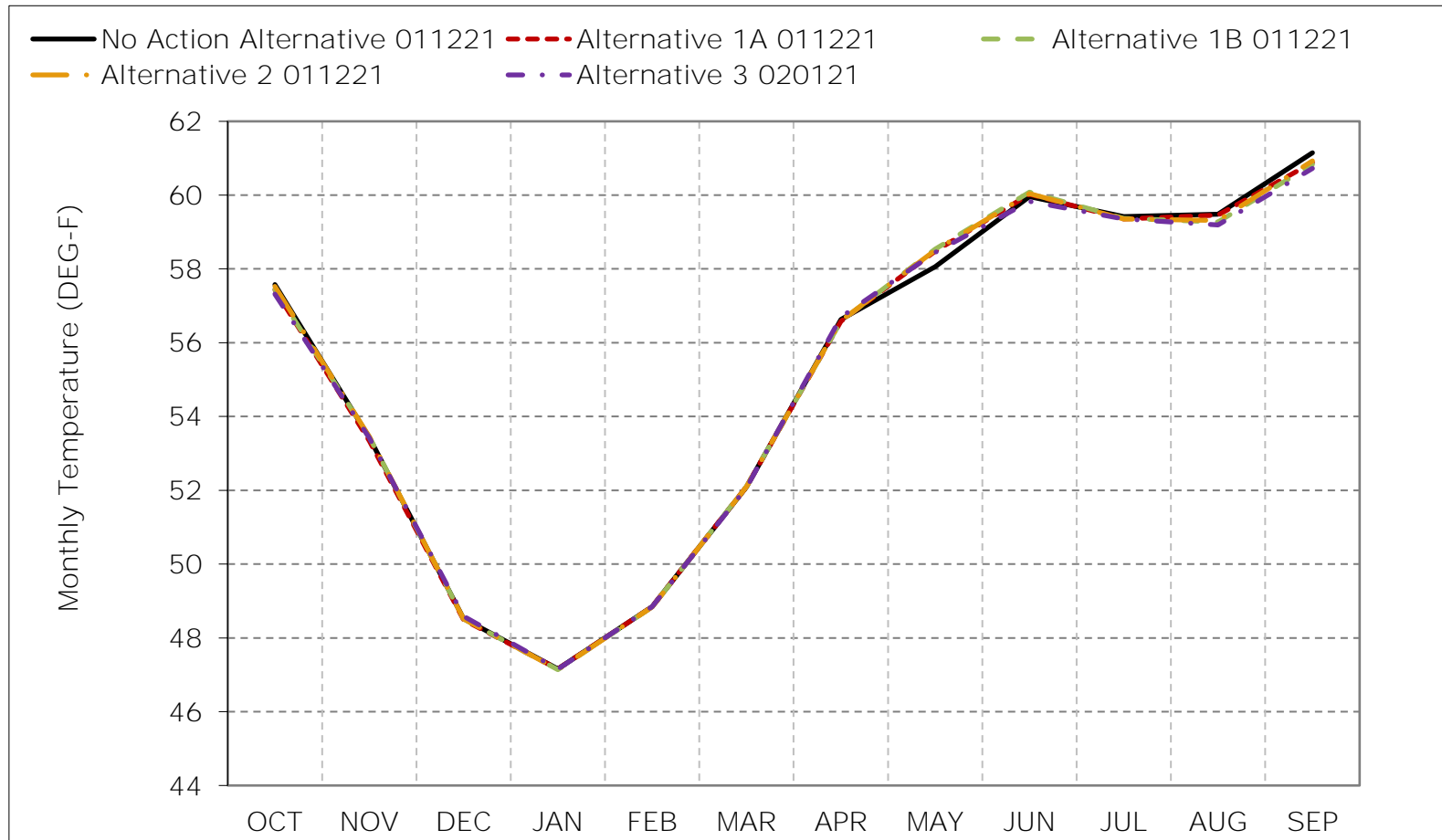


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-10-6. Sacramento River at Red Bluff, Critical Year Average Temperature

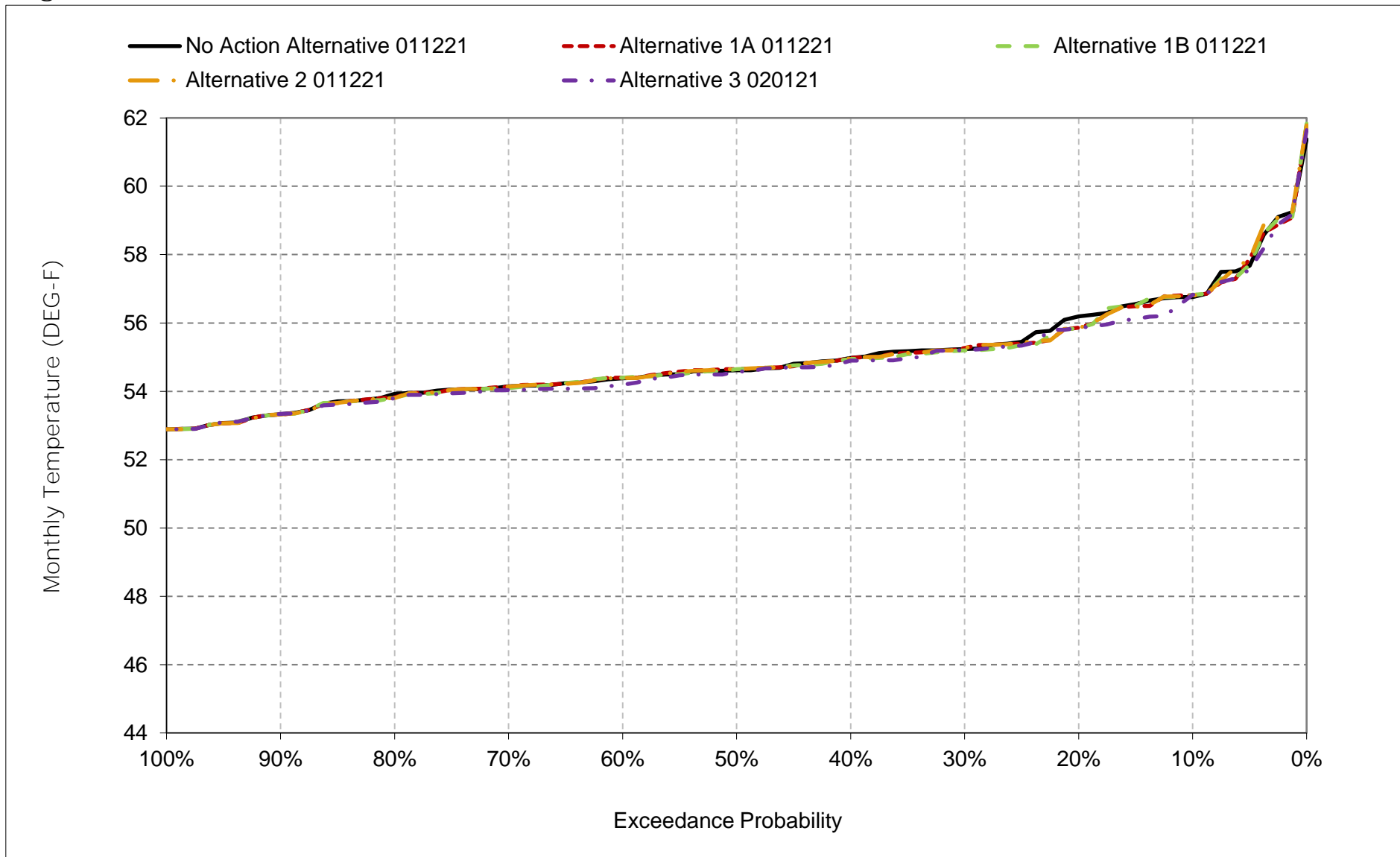


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

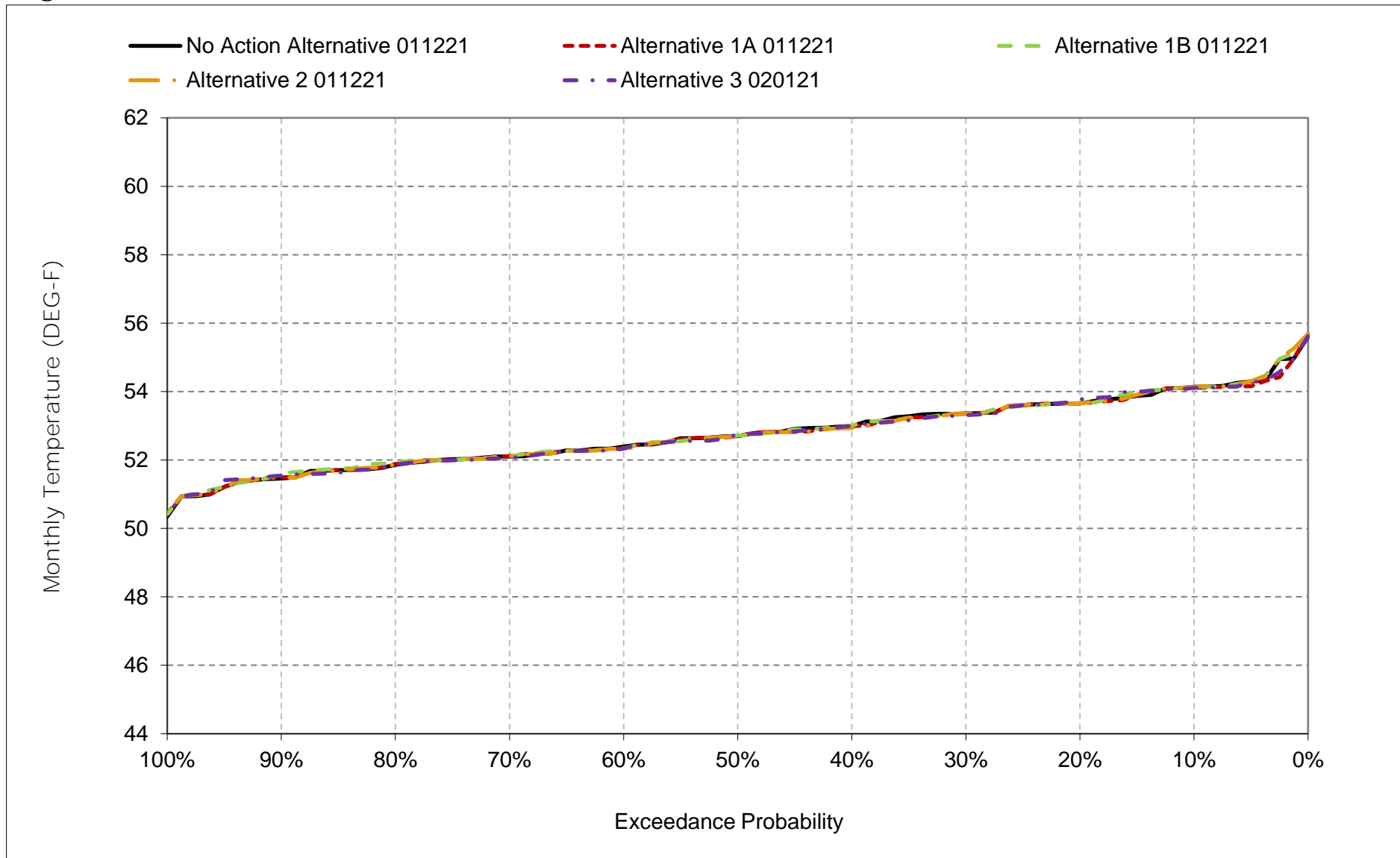
\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-10-7. Sacramento River at Red Bluff, October



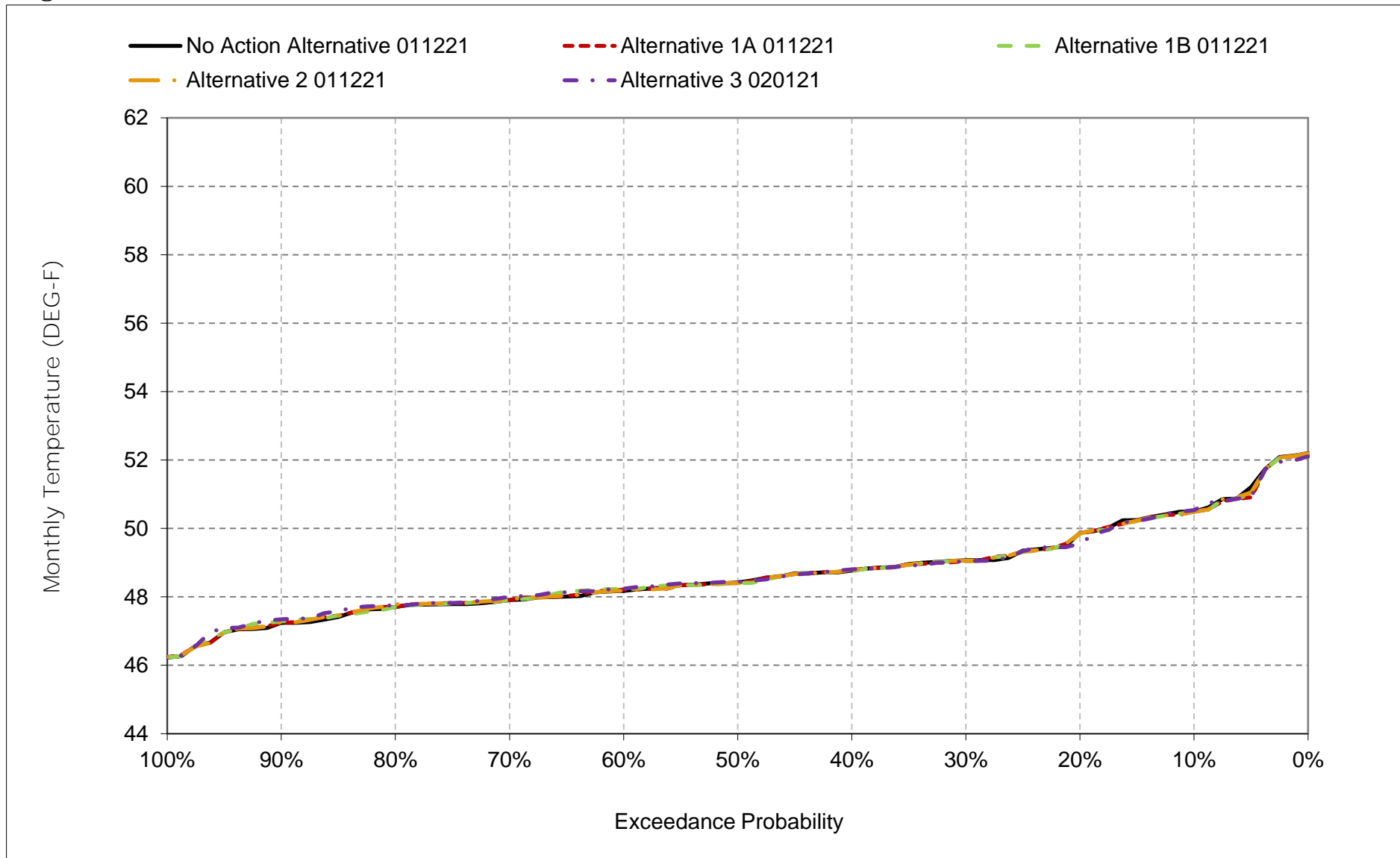
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-10-8. Sacramento River at Red Bluff, November



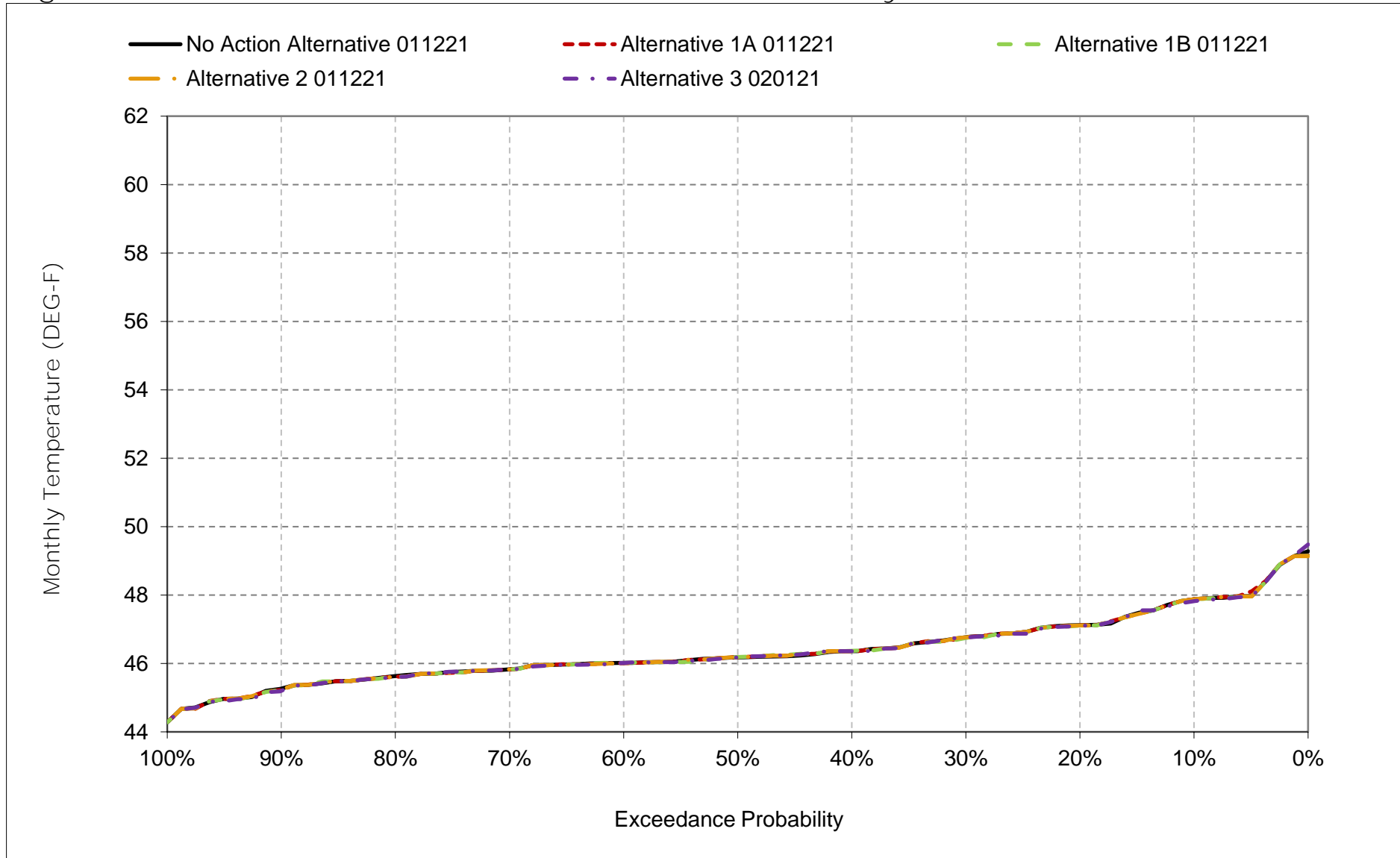
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-10-9. Sacramento River at Red Bluff, December



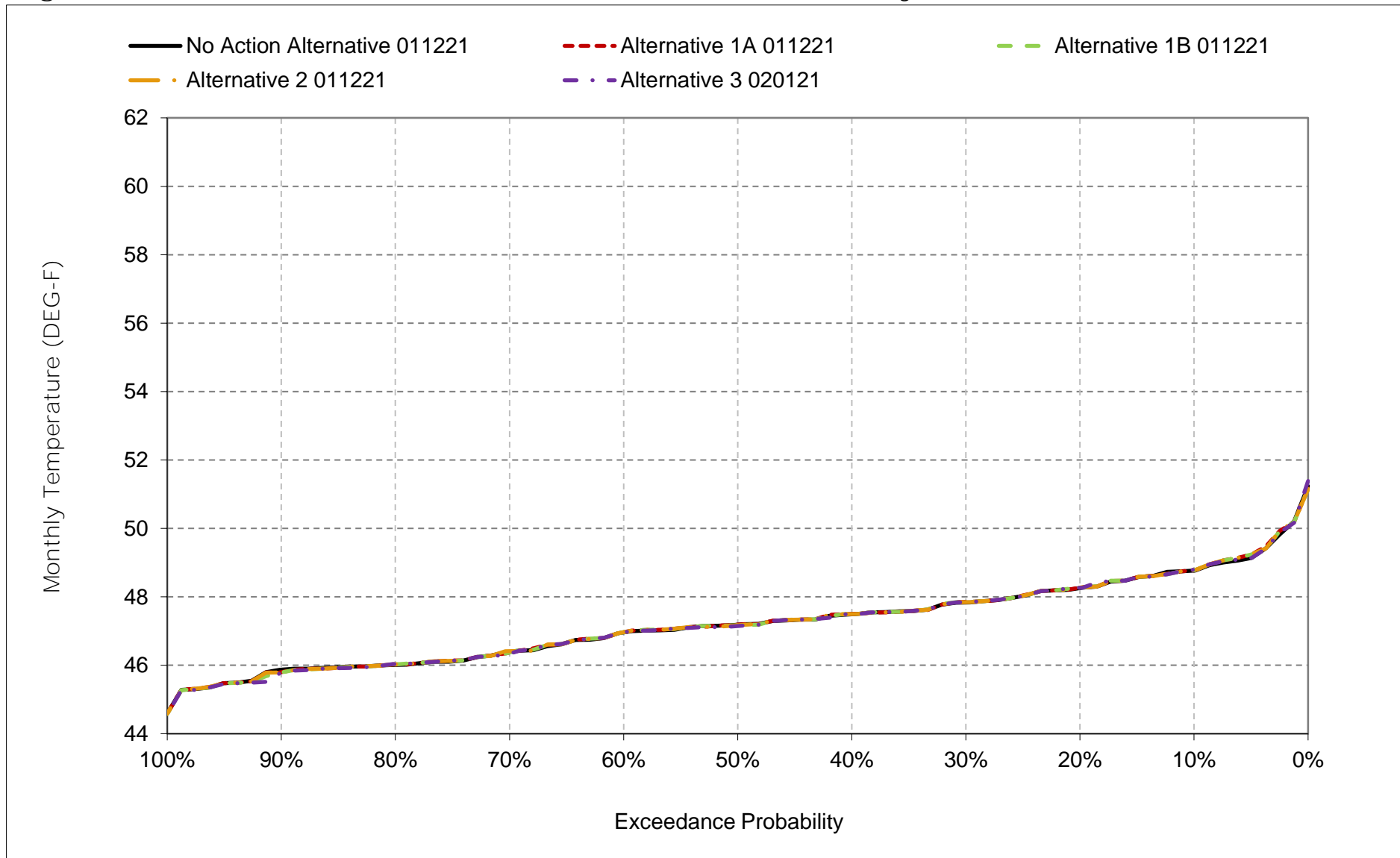
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-10-10. Sacramento River at Red Bluff, January



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

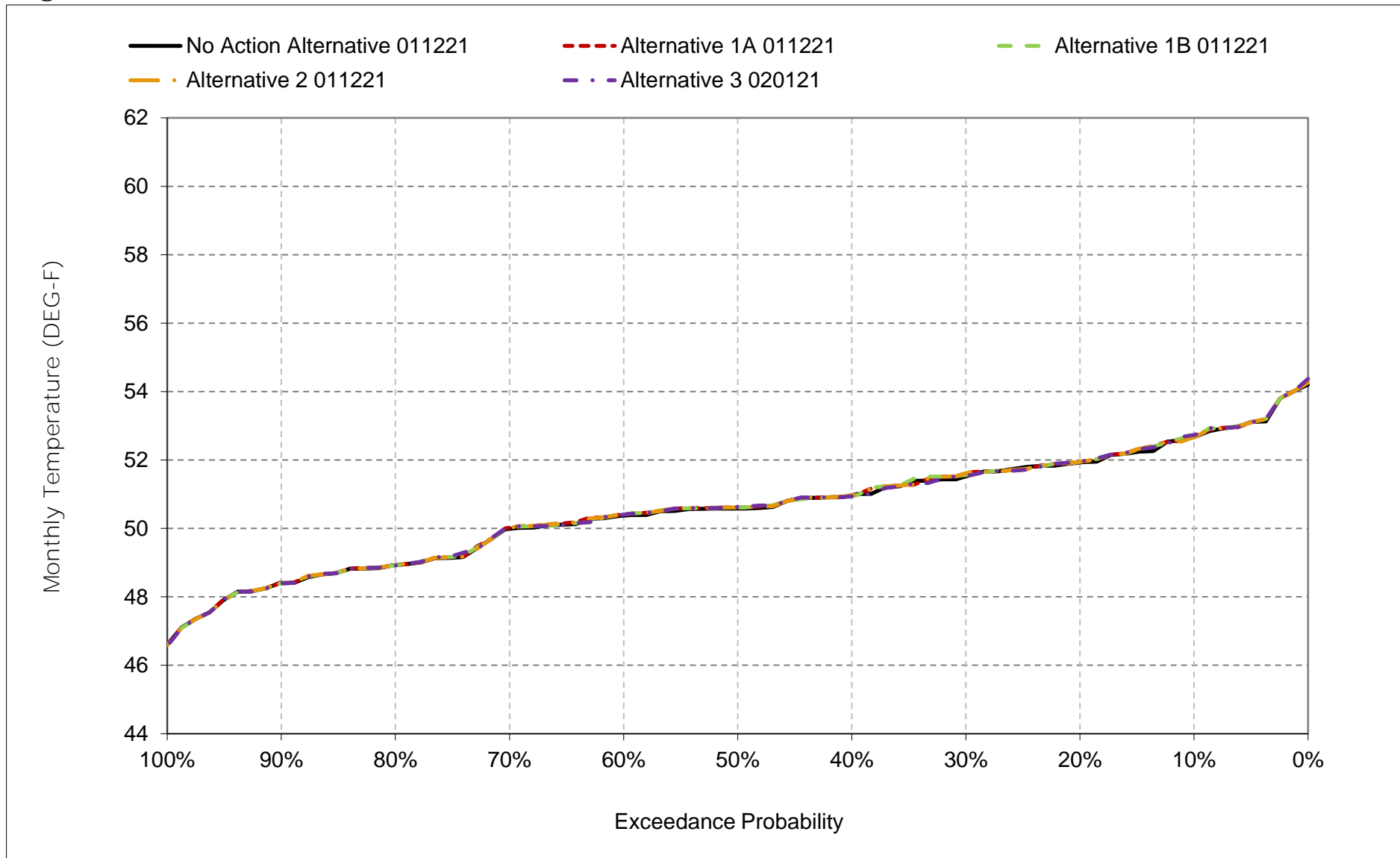
Figure 6C-10-11. Sacramento River at Red Bluff, February



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

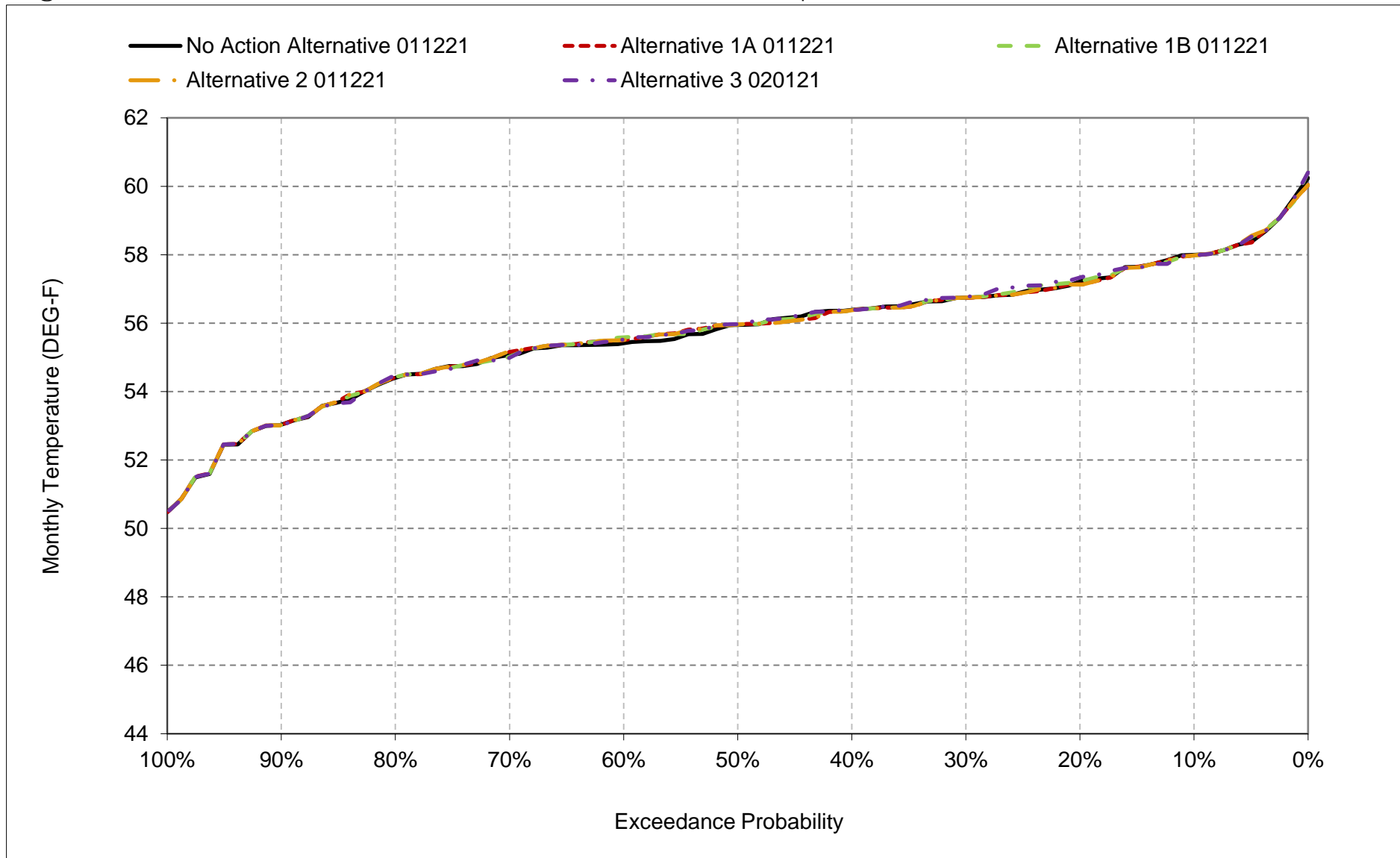


Figure 6C-10-12. Sacramento River at Red Bluff, March



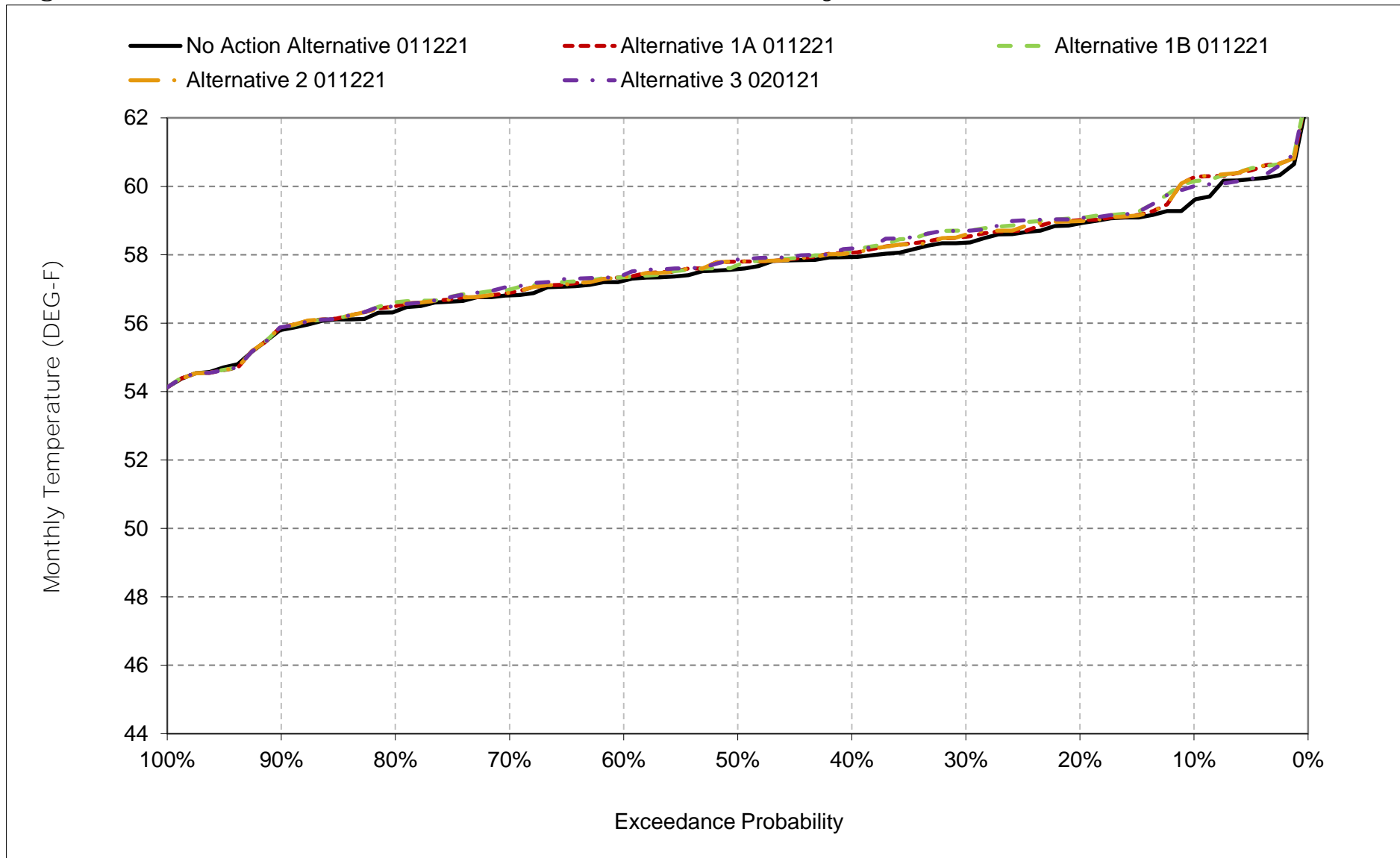
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-10-13. Sacramento River at Red Bluff, April



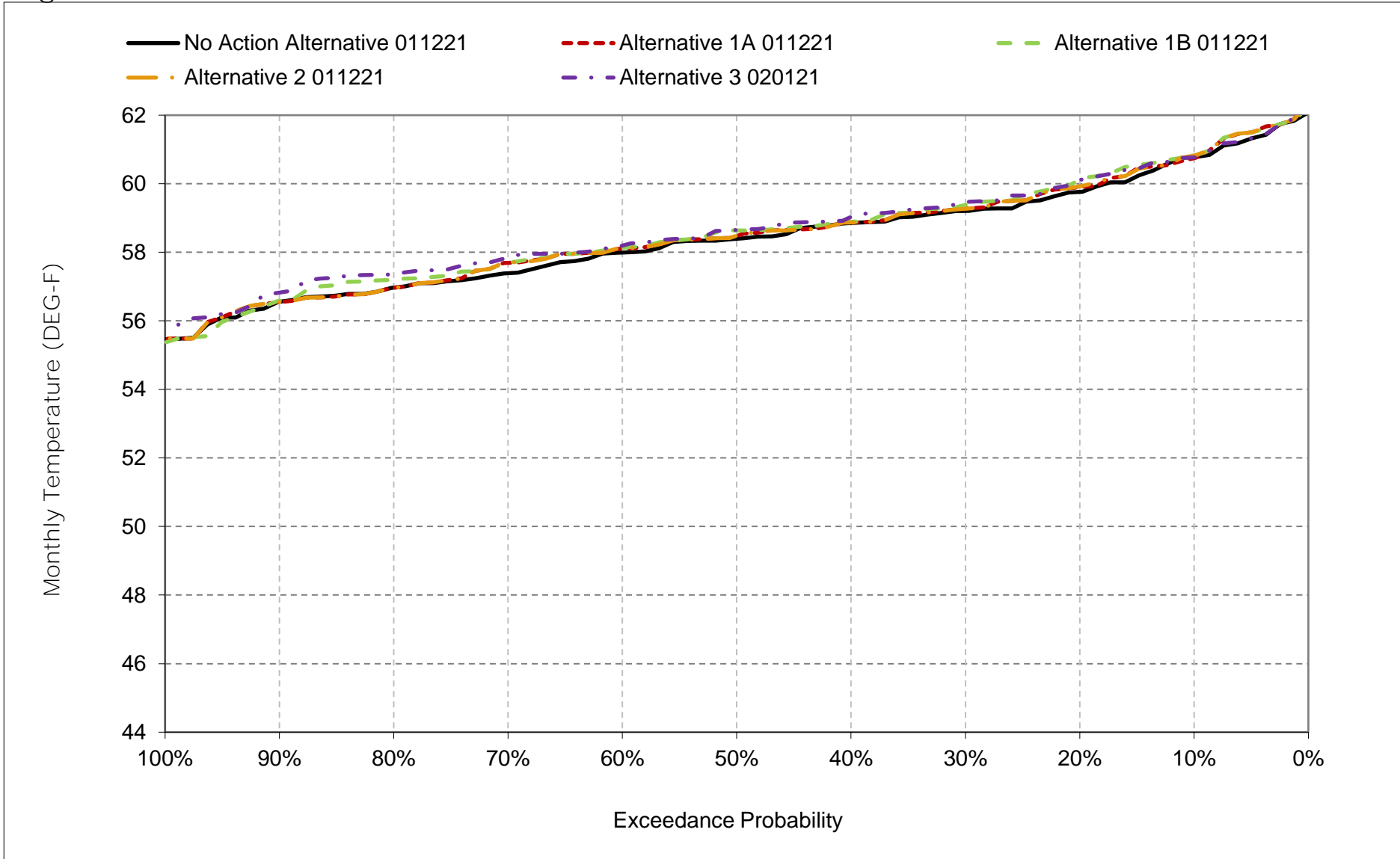
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-10-14. Sacramento River at Red Bluff, May



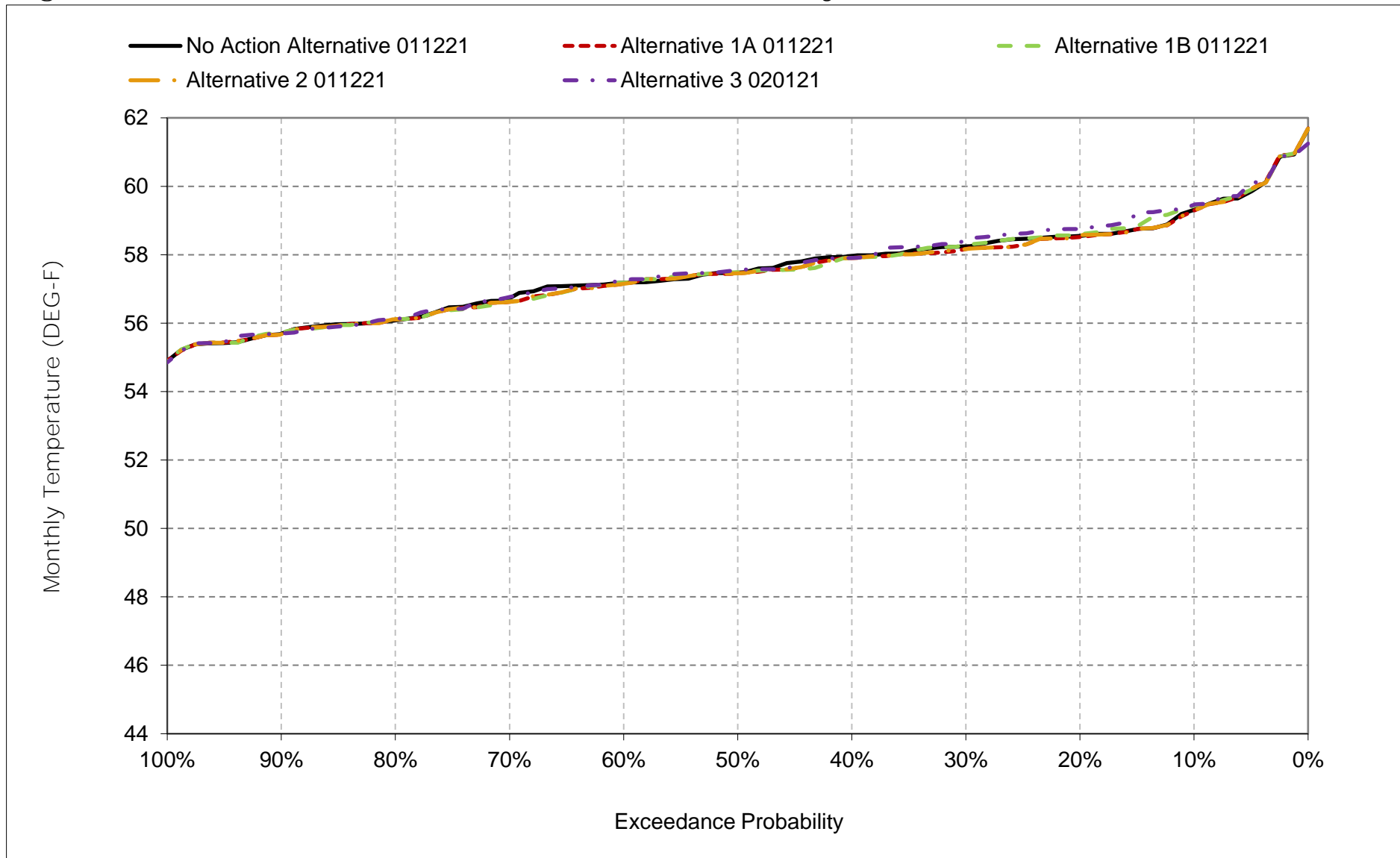
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-10-15. Sacramento River at Red Bluff, June



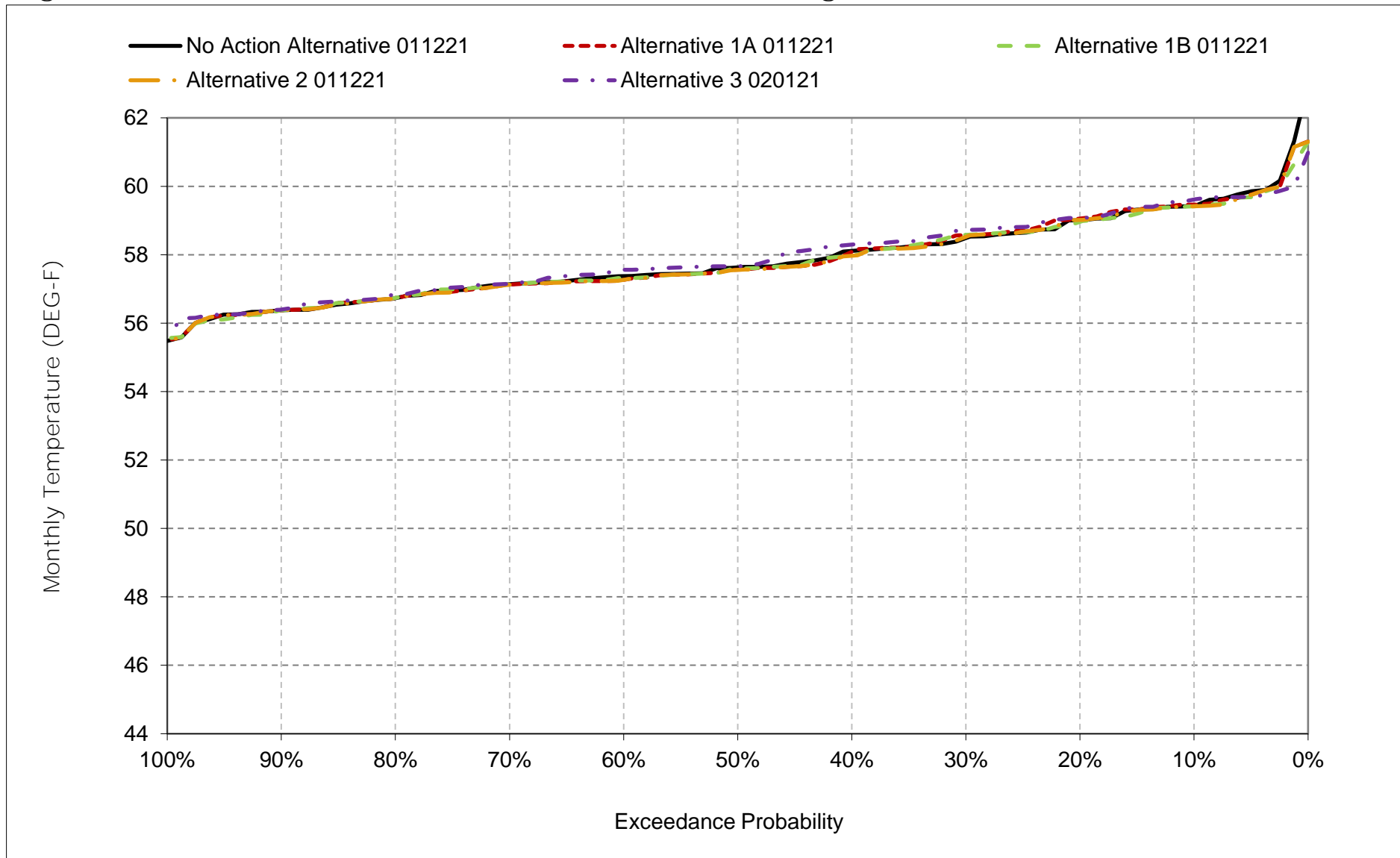
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-10-16. Sacramento River at Red Bluff, July



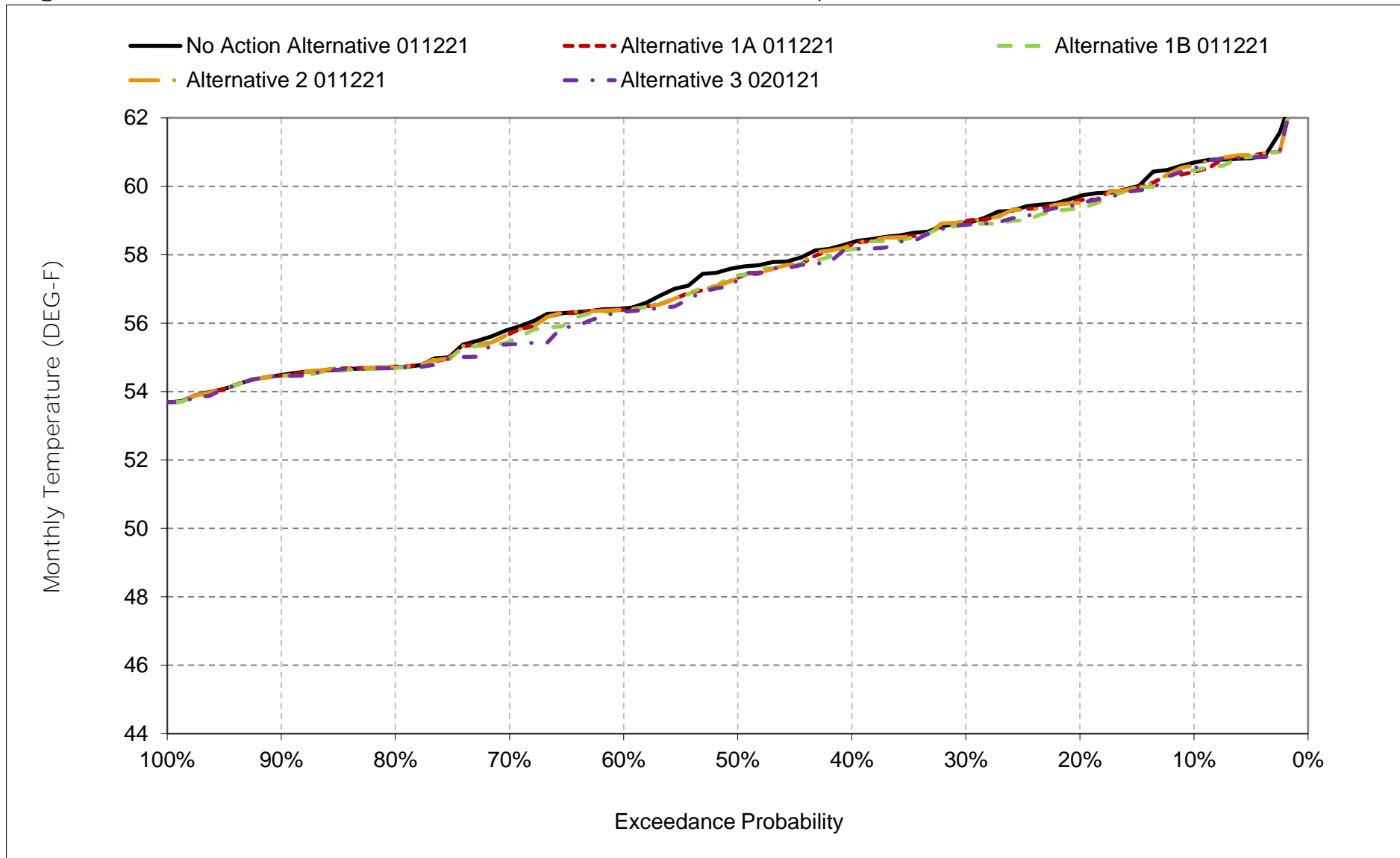
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-10-17. Sacramento River at Red Bluff, August



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-10-18. Sacramento River at Red Bluff, September



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-11-1a. Sacramento River below Hamilton City, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	58.9	54.4	49.9	47.8	49.6	54.4	60.3	63.2	65.1	64.8	64.4	65.0
20%	58.1	53.9	49.2	47.2	49.0	53.5	59.4	62.6	64.5	63.8	63.9	63.8
30%	57.6	53.6	48.6	46.8	48.4	52.9	58.7	61.9	63.9	63.3	63.2	63.2
40%	57.0	52.9	48.3	46.4	48.0	52.2	58.2	61.6	63.4	62.9	62.7	62.5
50%	56.6	52.7	48.0	46.2	47.8	51.7	57.8	61.1	63.0	62.3	62.3	61.7
60%	56.4	52.4	47.8	46.0	47.3	51.3	57.4	60.8	62.4	61.9	61.9	60.5
70%	56.2	52.2	47.6	45.8	47.1	50.9	56.6	59.9	61.9	61.2	61.6	59.4
80%	55.9	51.9	47.3	45.6	46.5	49.8	55.4	59.4	61.2	60.4	61.0	58.0
90%	55.2	51.6	47.0	45.3	46.2	49.2	54.4	58.4	60.6	59.9	60.5	57.7
Long Term												
Full Simulation Period <sup>a</sup>	57.0	52.9	48.3	46.4	47.8	51.7	57.5	61.0	62.9	62.3	62.4	61.3
Water Year Types <sup>b,c</sup>												
Wet (32%)	55.9	53.1	48.7	46.1	46.9	50.2	55.5	60.1	63.6	62.5	61.7	58.5
Above Normal (15%)	56.6	52.4	48.1	46.3	47.1	50.8	57.1	61.0	63.0	61.0	61.7	59.6
Below Normal (17%)	56.7	52.5	48.1	46.1	47.5	52.2	58.2	61.4	62.0	61.4	62.3	62.1
Dry (22%)	57.4	52.7	48.0	46.4	48.6	52.8	58.9	61.5	61.8	62.1	62.9	63.4
Critical (15%)	59.4	53.6	48.1	47.1	49.7	53.7	59.4	61.6	64.0	64.6	64.2	65.2

Table 6C-11-1b. Sacramento River below Hamilton City, Alternative 1A 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	58.9	54.4	49.9	47.8	49.6	54.3	60.4	63.4	65.3	64.8	64.4	64.5
20%	58.0	53.9	49.1	47.2	49.1	53.5	59.3	62.9	64.6	63.7	63.9	63.7
30%	57.5	53.6	48.6	46.8	48.4	53.0	58.8	62.1	64.0	63.1	63.3	63.0
40%	57.0	52.9	48.3	46.4	48.0	52.3	58.5	61.7	63.5	62.8	62.6	62.5
50%	56.7	52.6	48.0	46.2	47.8	52.0	57.9	61.3	63.1	62.2	62.1	61.0
60%	56.3	52.4	47.8	46.0	47.4	51.4	57.4	60.9	62.6	61.8	61.8	60.2
70%	56.2	52.1	47.6	45.8	47.1	51.0	56.6	60.3	62.1	61.1	61.5	59.2
80%	55.8	51.9	47.3	45.6	46.5	49.8	55.5	59.7	61.2	60.3	61.0	58.1
90%	55.2	51.6	47.1	45.3	46.2	49.2	54.4	58.4	60.7	59.9	60.5	57.7
Long Term												
Full Simulation Period <sup>a</sup>	56.9	52.9	48.3	46.4	47.8	51.8	57.5	61.1	63.0	62.2	62.4	61.2
Water Year Types <sup>b,c</sup>												
Wet (32%)	55.9	53.1	48.7	46.1	46.9	50.2	55.6	60.1	63.7	62.5	61.8	58.5
Above Normal (15%)	56.6	52.4	48.1	46.3	47.2	50.9	57.1	61.1	63.1	61.0	61.7	59.5
Below Normal (17%)	56.7	52.5	48.1	46.1	47.6	52.3	58.2	61.5	62.1	61.3	62.3	62.0
Dry (22%)	57.4	52.7	48.0	46.4	48.6	52.9	59.0	61.7	62.0	61.9	62.7	63.1
Critical (15%)	59.2	53.5	48.0	47.1	49.7	53.7	59.3	62.1	64.1	64.5	64.2	64.9

Table 6C-11-1c. Sacramento River below Hamilton City, Alternative 1A 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.0	-0.5
20%	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.2	0.1	-0.2	0.1	-0.1
30%	-0.1	0.0	0.0	0.0	0.0	0.2	0.1	0.2	0.0	-0.2	0.0	-0.2
40%	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.1	-0.1	-0.1	0.0
50%	0.0	-0.1	0.0	0.0	0.0	0.2	0.1	0.2	0.1	-0.1	-0.2	-0.8
60%	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.2	-0.1	-0.1	-0.2
70%	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.4	0.2	-0.1	-0.1	-0.2
80%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	-0.1	0.0	0.1
90%	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.1	-0.1	-0.1	-0.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.0
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	-0.1	0.0	-0.1
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.2	-0.2	-0.3	-0.3
Critical (15%)	-0.2	-0.1	0.0	0.0	0.0	0.0	0.0	0.5	0.1	-0.1	0.0	-0.3

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.



Table 6C-11-2a. Sacramento River below Hamilton City, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	58.9	54.4	49.9	47.8	49.6	54.4	60.3	63.2	65.1	64.8	64.4	65.0
20%	58.1	53.9	49.2	47.2	49.0	53.5	59.4	62.6	64.5	63.8	63.9	63.8
30%	57.6	53.6	48.6	46.8	48.4	52.9	58.7	61.9	63.9	63.3	63.2	63.2
40%	57.0	52.9	48.3	46.4	48.0	52.2	58.2	61.6	63.4	62.9	62.7	62.5
50%	56.6	52.7	48.0	46.2	47.8	51.7	57.8	61.1	63.0	62.3	62.3	61.7
60%	56.4	52.4	47.8	46.0	47.3	51.3	57.4	60.8	62.4	61.9	61.9	60.5
70%	56.2	52.2	47.6	45.8	47.1	50.9	56.6	59.9	61.9	61.2	61.6	59.4
80%	55.9	51.9	47.3	45.6	46.5	49.8	55.4	59.4	61.2	60.4	61.0	58.0
90%	55.2	51.6	47.0	45.3	46.2	49.2	54.4	58.4	60.6	59.9	60.5	57.7
Long Term												
Full Simulation Period <sup>a</sup>	57.0	52.9	48.3	46.4	47.8	51.7	57.5	61.0	62.9	62.3	62.4	61.3
Water Year Types <sup>b,c</sup>												
Wet (32%)	55.9	53.1	48.7	46.1	46.9	50.2	55.5	60.1	63.6	62.5	61.7	58.5
Above Normal (15%)	56.6	52.4	48.1	46.3	47.1	50.8	57.1	61.0	63.0	61.0	61.7	59.6
Below Normal (17%)	56.7	52.5	48.1	46.1	47.5	52.2	58.2	61.4	62.0	61.4	62.3	62.1
Dry (22%)	57.4	52.7	48.0	46.4	48.6	52.8	58.9	61.5	61.8	62.1	62.9	63.4
Critical (15%)	59.4	53.6	48.1	47.1	49.7	53.7	59.4	61.6	64.0	64.6	64.2	65.2

Table 6C-11-2b. Sacramento River below Hamilton City, Alternative 1B 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	58.8	54.4	49.9	47.8	49.6	54.4	60.4	63.4	65.5	64.9	64.2	64.6
20%	58.0	53.9	49.1	47.2	49.1	53.5	59.3	63.0	64.7	63.8	63.8	63.6
30%	57.4	53.6	48.6	46.8	48.4	53.0	58.8	62.3	64.0	63.5	63.3	63.0
40%	57.0	52.9	48.3	46.4	48.0	52.3	58.5	61.7	63.6	62.8	62.5	62.2
50%	56.7	52.6	48.1	46.2	47.8	52.0	58.0	61.2	63.1	62.2	62.1	61.1
60%	56.4	52.4	47.9	46.0	47.4	51.4	57.4	60.9	62.6	61.9	61.8	60.1
70%	56.1	52.2	47.6	45.8	47.1	51.0	56.6	60.3	62.1	61.1	61.6	59.1
80%	55.8	51.9	47.3	45.6	46.4	49.8	55.5	59.7	61.6	60.3	61.1	58.0
90%	55.2	51.7	47.1	45.3	46.2	49.2	54.4	58.4	60.7	59.9	60.5	57.7
Long Term												
Full Simulation Period <sup>a</sup>	56.9	52.9	48.3	46.4	47.8	51.8	57.5	61.2	63.1	62.3	62.4	61.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	55.9	53.1	48.7	46.1	46.9	50.2	55.6	60.1	63.7	62.5	61.8	58.5
Above Normal (15%)	56.5	52.4	48.2	46.3	47.1	50.9	57.0	61.1	63.5	61.3	61.7	59.2
Below Normal (17%)	56.7	52.5	48.0	46.1	47.6	52.3	58.2	61.7	62.2	61.4	62.3	61.9
Dry (22%)	57.4	52.7	48.0	46.4	48.6	52.9	59.0	61.7	61.9	61.8	62.7	63.1
Critical (15%)	59.2	53.6	48.1	47.1	49.7	53.7	59.3	62.1	64.1	64.5	64.0	64.8

Table 6C-11-2c. Sacramento River below Hamilton City, Alternative 1B 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.1	-0.1	-0.4
20%	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.0	-0.3
30%	-0.2	0.0	0.0	0.0	0.0	0.2	0.1	0.4	0.1	0.1	0.0	-0.2
40%	-0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	-0.1	-0.2	-0.2
50%	0.0	-0.1	0.1	0.0	0.0	0.2	0.2	0.1	0.1	-0.1	-0.1	-0.6
60%	0.1	0.0	0.1	0.0	0.1	0.1	0.0	0.1	0.2	0.0	-0.1	-0.4
70%	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.4	0.2	0.0	0.0	-0.3
80%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	-0.1	0.1	-0.1
90%	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.2	0.0	-0.1	-0.2
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.0
Above Normal (15%)	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.5	0.2	0.0	-0.4
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.2	0.0	0.0	-0.2
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.1	-0.2	-0.2	-0.3
Critical (15%)	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	-0.1	-0.2	-0.4

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-11-3a. Sacramento River below Hamilton City, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	58.9	54.4	49.9	47.8	49.6	54.4	60.3	63.2	65.1	64.8	64.4	65.0
20%	58.1	53.9	49.2	47.2	49.0	53.5	59.4	62.6	64.5	63.8	63.9	63.8
30%	57.6	53.6	48.6	46.8	48.4	52.9	58.7	61.9	63.9	63.3	63.2	63.2
40%	57.0	52.9	48.3	46.4	48.0	52.2	58.2	61.6	63.4	62.9	62.7	62.5
50%	56.6	52.7	48.0	46.2	47.8	51.7	57.8	61.1	63.0	62.3	62.3	61.7
60%	56.4	52.4	47.8	46.0	47.3	51.3	57.4	60.8	62.4	61.9	61.9	60.5
70%	56.2	52.2	47.6	45.8	47.1	50.9	56.6	59.9	61.9	61.2	61.6	59.4
80%	55.9	51.9	47.3	45.6	46.5	49.8	55.4	59.4	61.2	60.4	61.0	58.0
90%	55.2	51.6	47.0	45.3	46.2	49.2	54.4	58.4	60.6	59.9	60.5	57.7
Long Term												
Full Simulation Period <sup>a</sup>	57.0	52.9	48.3	46.4	47.8	51.7	57.5	61.0	62.9	62.3	62.4	61.3
Water Year Types <sup>b,c</sup>												
Wet (32%)	55.9	53.1	48.7	46.1	46.9	50.2	55.5	60.1	63.6	62.5	61.7	58.5
Above Normal (15%)	56.6	52.4	48.1	46.3	47.1	50.8	57.1	61.0	63.0	61.0	61.7	59.6
Below Normal (17%)	56.7	52.5	48.1	46.1	47.5	52.2	58.2	61.4	62.0	61.4	62.3	62.1
Dry (22%)	57.4	52.7	48.0	46.4	48.6	52.8	58.9	61.5	61.8	62.1	62.9	63.4
Critical (15%)	59.4	53.6	48.1	47.1	49.7	53.7	59.4	61.6	64.0	64.6	64.2	65.2

Table 6C-11-3b. Sacramento River below Hamilton City, Alternative 2 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	58.9	54.4	49.9	47.8	49.6	54.3	60.4	63.4	65.3	64.8	64.4	64.8
20%	58.0	53.9	49.1	47.2	49.1	53.5	59.3	62.9	64.6	63.7	63.8	63.7
30%	57.5	53.6	48.6	46.8	48.4	53.0	58.8	62.2	63.9	63.1	63.2	63.0
40%	57.0	52.9	48.3	46.4	48.0	52.3	58.5	61.7	63.5	62.9	62.5	62.4
50%	56.7	52.6	48.1	46.2	47.8	52.0	57.9	61.3	63.1	62.2	62.1	61.0
60%	56.3	52.4	47.8	46.0	47.4	51.4	57.4	60.9	62.6	61.8	61.8	60.2
70%	56.2	52.1	47.6	45.8	47.1	51.0	56.6	60.3	62.1	61.1	61.5	59.2
80%	55.8	51.9	47.3	45.6	46.5	49.8	55.5	59.7	61.2	60.3	61.0	58.1
90%	55.2	51.6	47.1	45.3	46.2	49.3	54.5	58.4	60.7	59.9	60.5	57.7
Long Term												
Full Simulation Period <sup>a</sup>	57.0	52.9	48.3	46.4	47.8	51.8	57.5	61.1	63.0	62.2	62.4	61.2
Water Year Types <sup>b,c</sup>												
Wet (32%)	55.9	53.1	48.7	46.1	46.9	50.2	55.6	60.1	63.7	62.5	61.7	58.5
Above Normal (15%)	56.6	52.4	48.1	46.3	47.2	50.9	57.1	61.1	63.1	61.0	61.7	59.5
Below Normal (17%)	56.7	52.5	48.1	46.1	47.6	52.3	58.2	61.5	62.1	61.3	62.2	62.0
Dry (22%)	57.4	52.7	48.0	46.4	48.6	52.9	59.0	61.7	62.0	61.9	62.7	63.1
Critical (15%)	59.3	53.6	48.1	47.1	49.7	53.7	59.3	62.1	64.1	64.5	64.0	64.9

Table 6C-11-3c. Sacramento River below Hamilton City, Alternative 2 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	-0.2
20%	-0.1	0.0	-0.1	0.0	0.0	0.0	-0.1	0.2	0.1	-0.1	0.0	-0.1
30%	-0.1	0.0	0.0	0.0	0.0	0.2	0.1	0.3	0.0	-0.2	0.0	-0.2
40%	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	-0.1	-0.2	0.0
50%	0.0	-0.1	0.0	0.0	0.0	0.2	0.1	0.2	0.1	-0.1	-0.2	-0.8
60%	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.2	-0.1	-0.1	-0.2
70%	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.4	0.2	-0.1	-0.1	-0.2
80%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	-0.1	0.0	0.1
90%	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.1	-0.1	-0.1	-0.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.0
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	-0.1	0.0	-0.1
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.2	-0.2	-0.3	-0.3
Critical (15%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	-0.1	-0.2	-0.3

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-11-4a. Sacramento River below Hamilton City, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	58.9	54.4	49.9	47.8	49.6	54.4	60.3	63.2	65.1	64.8	64.4	65.0
20%	58.1	53.9	49.2	47.2	49.0	53.5	59.4	62.6	64.5	63.8	63.9	63.8
30%	57.6	53.6	48.6	46.8	48.4	52.9	58.7	61.9	63.9	63.3	63.2	63.2
40%	57.0	52.9	48.3	46.4	48.0	52.2	58.2	61.6	63.4	62.9	62.7	62.5
50%	56.6	52.7	48.0	46.2	47.8	51.7	57.8	61.1	63.0	62.3	62.3	61.7
60%	56.4	52.4	47.8	46.0	47.3	51.3	57.4	60.8	62.4	61.9	61.9	60.5
70%	56.2	52.2	47.6	45.8	47.1	50.9	56.6	59.9	61.9	61.2	61.6	59.4
80%	55.9	51.9	47.3	45.6	46.5	49.8	55.4	59.4	61.2	60.4	61.0	58.0
90%	55.2	51.6	47.0	45.3	46.2	49.2	54.4	58.4	60.6	59.9	60.5	57.7
Long Term												
Full Simulation Period <sup>a</sup>	57.0	52.9	48.3	46.4	47.8	51.7	57.5	61.0	62.9	62.3	62.4	61.3
Water Year Types <sup>b,c</sup>												
Wet (32%)	55.9	53.1	48.7	46.1	46.9	50.2	55.5	60.1	63.6	62.5	61.7	58.5
Above Normal (15%)	56.6	52.4	48.1	46.3	47.1	50.8	57.1	61.0	63.0	61.0	61.7	59.6
Below Normal (17%)	56.7	52.5	48.1	46.1	47.5	52.2	58.2	61.4	62.0	61.4	62.3	62.1
Dry (22%)	57.4	52.7	48.0	46.4	48.6	52.8	58.9	61.5	61.8	62.1	62.9	63.4
Critical (15%)	59.4	53.6	48.1	47.1	49.7	53.7	59.4	61.6	64.0	64.6	64.2	65.2

Table 6C-11-4b. Sacramento River below Hamilton City, Alternative 3 020121, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	58.6	54.4	49.9	47.8	49.6	54.4	60.4	63.3	65.7	64.8	64.5	64.6
20%	57.9	53.9	49.1	47.2	49.1	53.5	59.4	62.9	64.6	64.0	63.9	63.6
30%	57.4	53.6	48.6	46.8	48.4	53.0	58.8	62.4	64.0	63.5	63.3	63.0
40%	56.9	53.0	48.3	46.4	48.0	52.3	58.5	61.7	63.6	62.9	62.9	62.3
50%	56.6	52.6	48.1	46.2	47.8	52.0	58.0	61.4	63.2	62.3	62.3	61.2
60%	56.3	52.4	47.9	46.0	47.4	51.5	57.4	61.1	62.7	61.9	62.0	59.9
70%	56.0	52.1	47.7	45.8	47.1	51.0	56.6	60.3	62.3	61.1	61.7	58.9
80%	55.6	51.9	47.5	45.6	46.4	49.8	55.5	59.7	61.8	60.4	61.2	58.1
90%	55.2	51.6	47.0	45.3	46.1	49.2	54.4	58.4	61.1	59.8	60.6	57.7
Long Term												
Full Simulation Period <sup>a</sup>	56.8	52.9	48.3	46.3	47.8	51.8	57.6	61.2	63.2	62.3	62.5	61.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	55.9	53.1	48.7	46.1	46.9	50.2	55.6	60.1	63.7	62.5	61.8	58.5
Above Normal (15%)	56.3	52.3	48.2	46.3	47.1	50.9	57.1	61.1	63.8	61.4	62.3	58.8
Below Normal (17%)	56.5	52.5	48.1	46.1	47.6	52.3	58.2	61.7	62.6	61.4	62.3	61.8
Dry (22%)	57.3	52.7	48.1	46.4	48.6	52.9	59.0	61.8	62.0	62.0	62.9	63.2
Critical (15%)	59.1	53.6	48.1	47.1	49.7	53.7	59.4	62.1	63.9	64.5	64.0	64.8

Table 6C-11-4c. Sacramento River below Hamilton City, Alternative 3 020121 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.0	0.1	-0.4
20%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.2	0.0	-0.2
30%	-0.2	0.0	0.0	-0.1	0.0	0.2	0.1	0.4	0.1	0.2	0.1	-0.2
40%	-0.2	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.2	-0.1	0.2	-0.2
50%	0.0	-0.1	0.1	0.0	0.0	0.3	0.2	0.3	0.2	0.0	0.0	-0.6
60%	-0.1	0.0	0.1	0.0	0.1	0.1	0.0	0.3	0.3	0.0	0.1	-0.6
70%	-0.2	-0.1	0.1	0.0	0.0	0.1	0.0	0.3	0.4	0.0	0.1	-0.5
80%	-0.3	0.0	0.2	0.0	0.0	0.0	0.1	0.3	0.6	0.0	0.2	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.5	-0.2	0.1	0.0
Long Term												
Full Simulation Period <sup>a</sup>	-0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.3	0.0	0.1	-0.3
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.0
Above Normal (15%)	-0.4	-0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.7	0.4	0.7	-0.8
Below Normal (17%)	-0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.7	0.0	0.1	-0.3
Dry (22%)	-0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.3	0.2	-0.1	0.0	-0.2
Critical (15%)	-0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.5	-0.1	-0.1	-0.3	-0.4

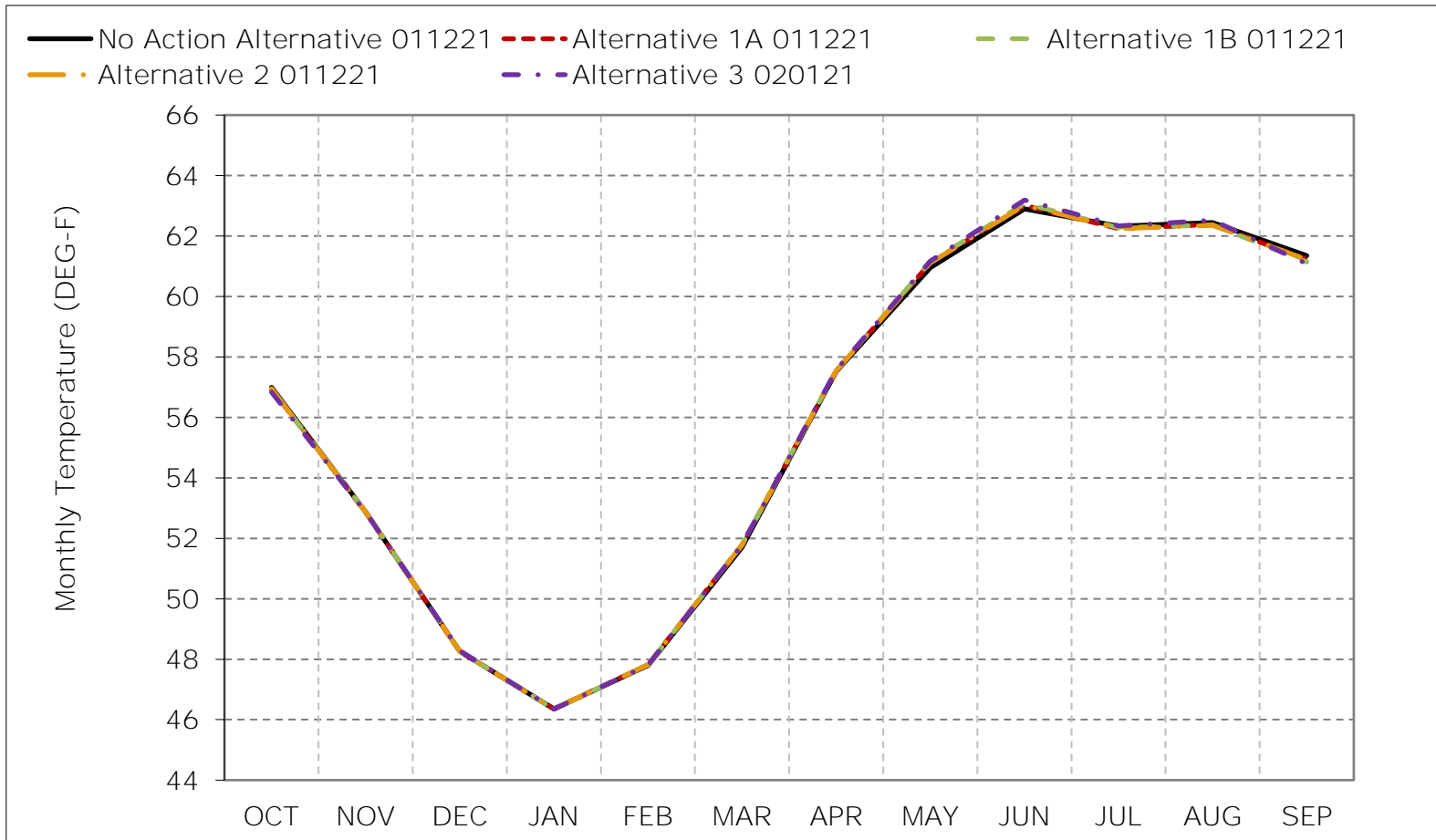
a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-11-1. Sacramento River below Hamilton City, Long-Term Average Temperat

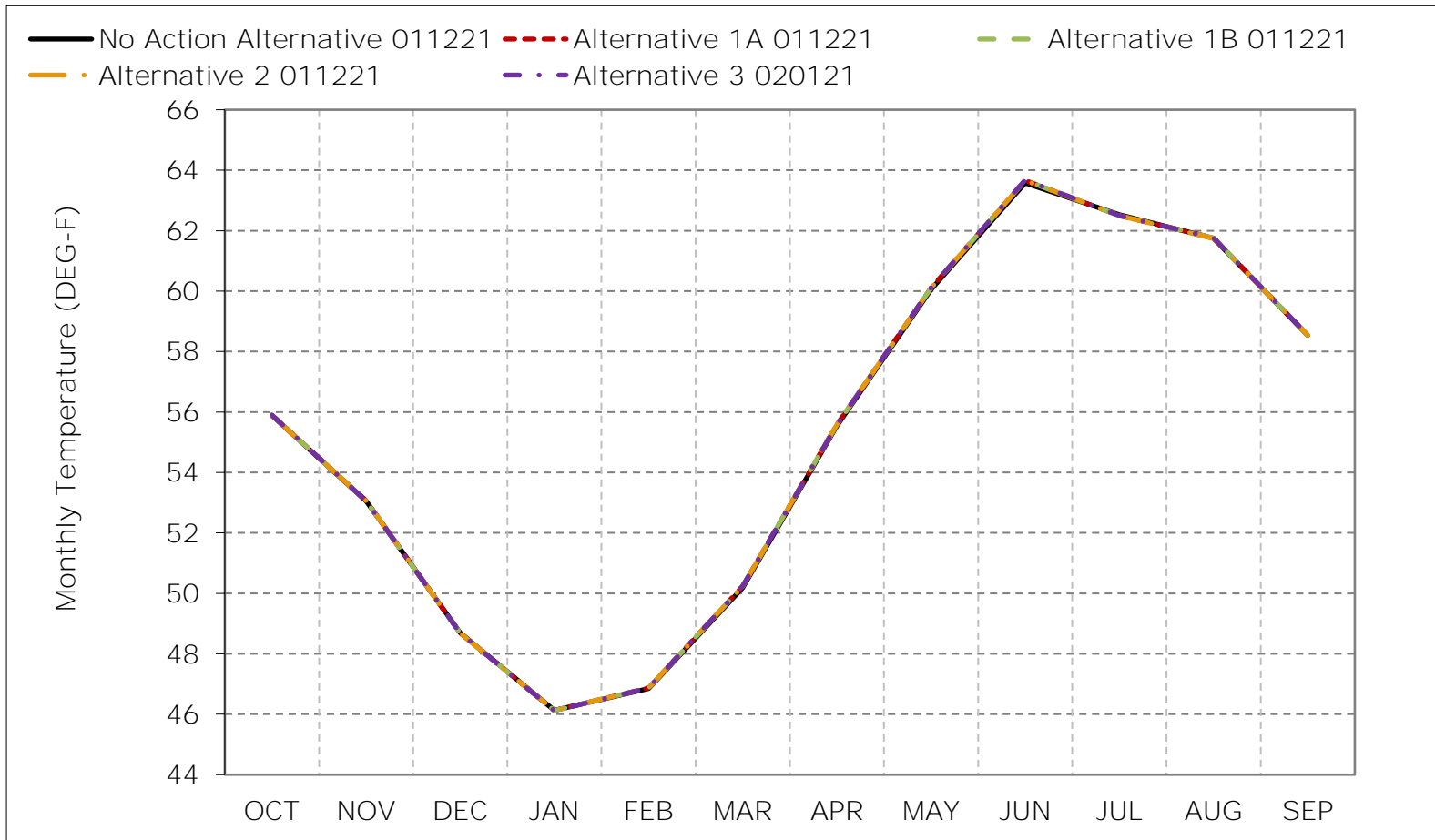


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-11-2. Sacramento River below Hamilton City, Wet Year Average Temperature

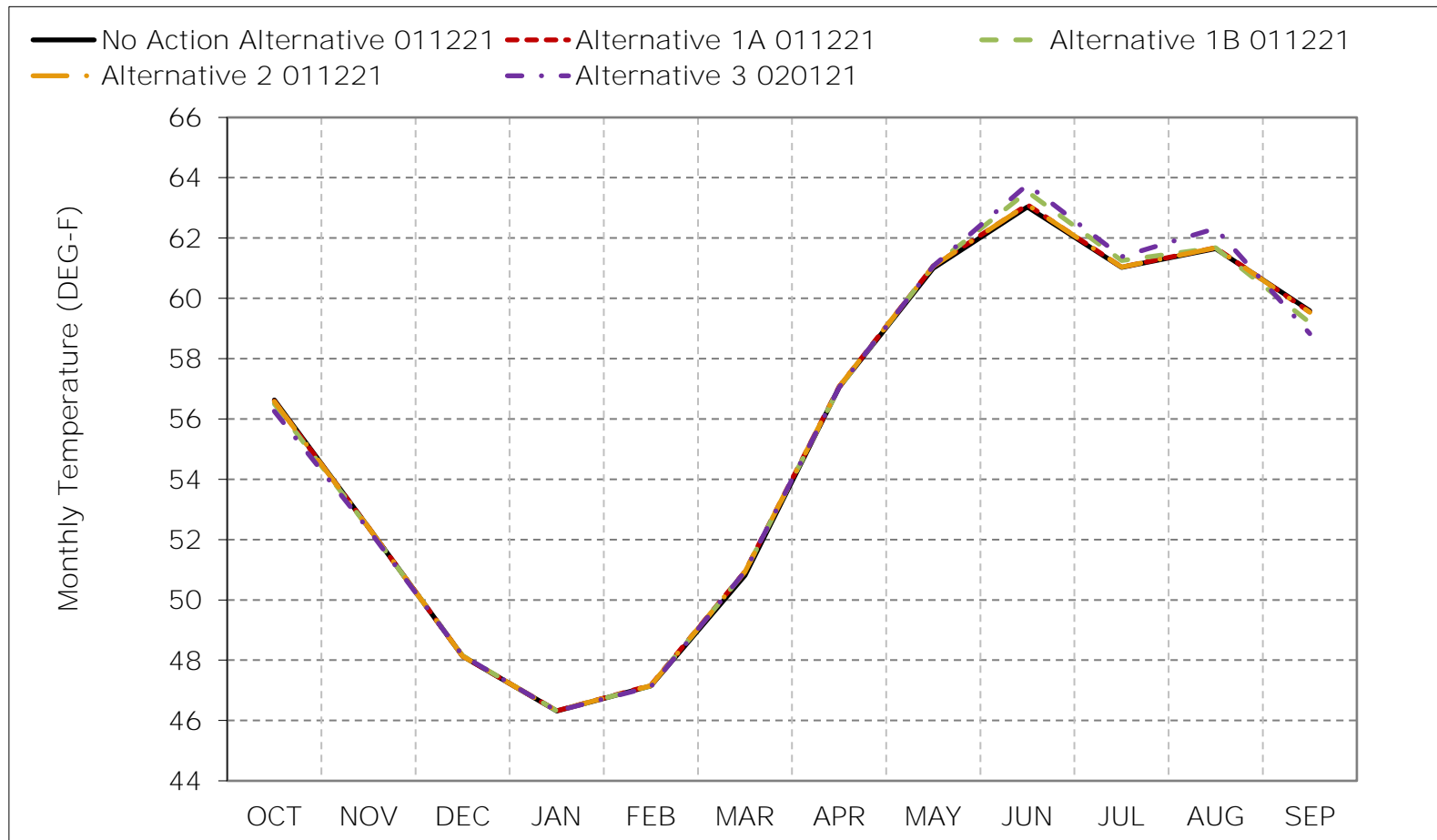


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-11-3. Sacramento River below Hamilton City, Above Normal Year Average Temper

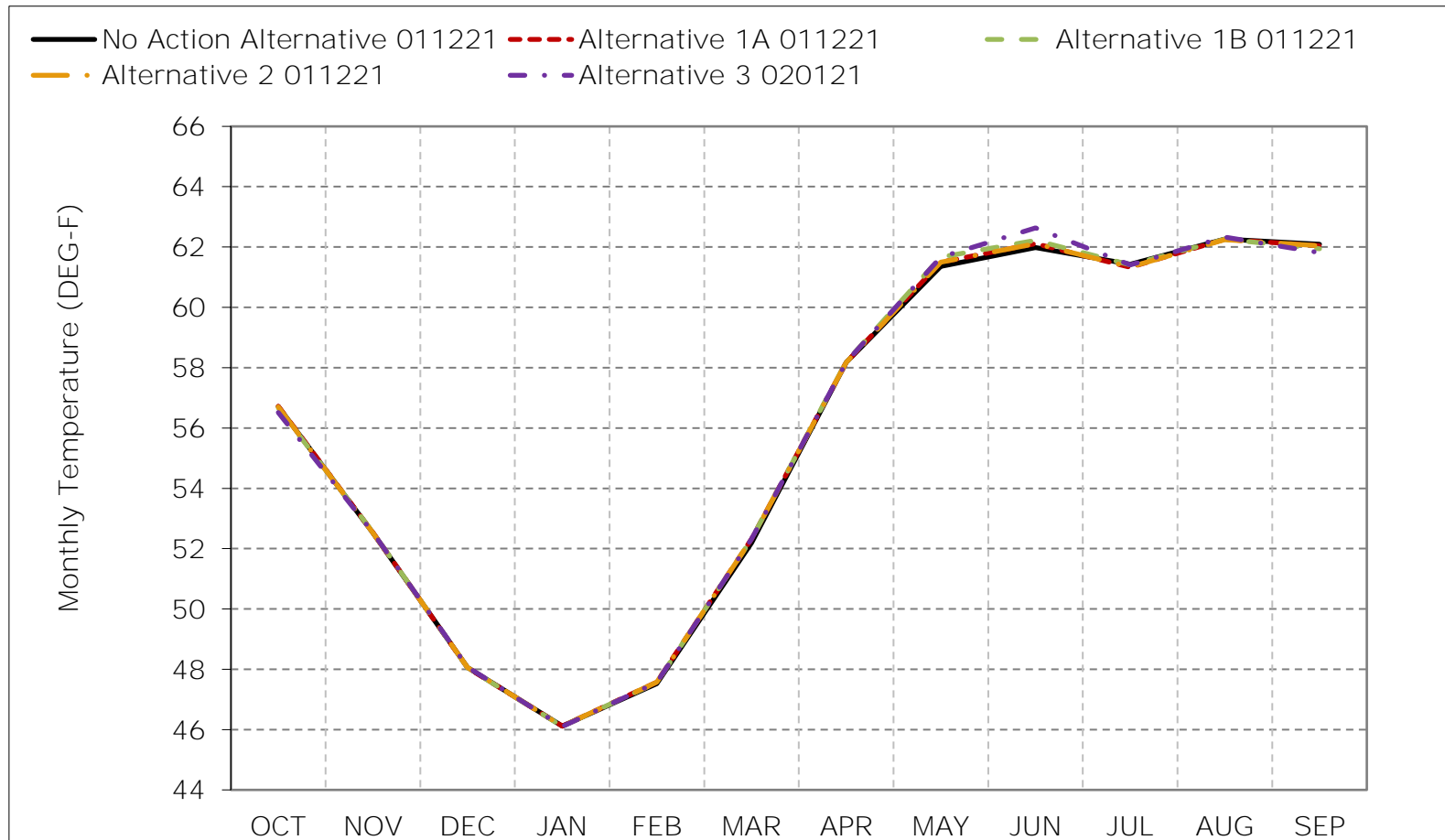


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-11-4. Sacramento River below Hamilton City, Below Normal Year Average Temper

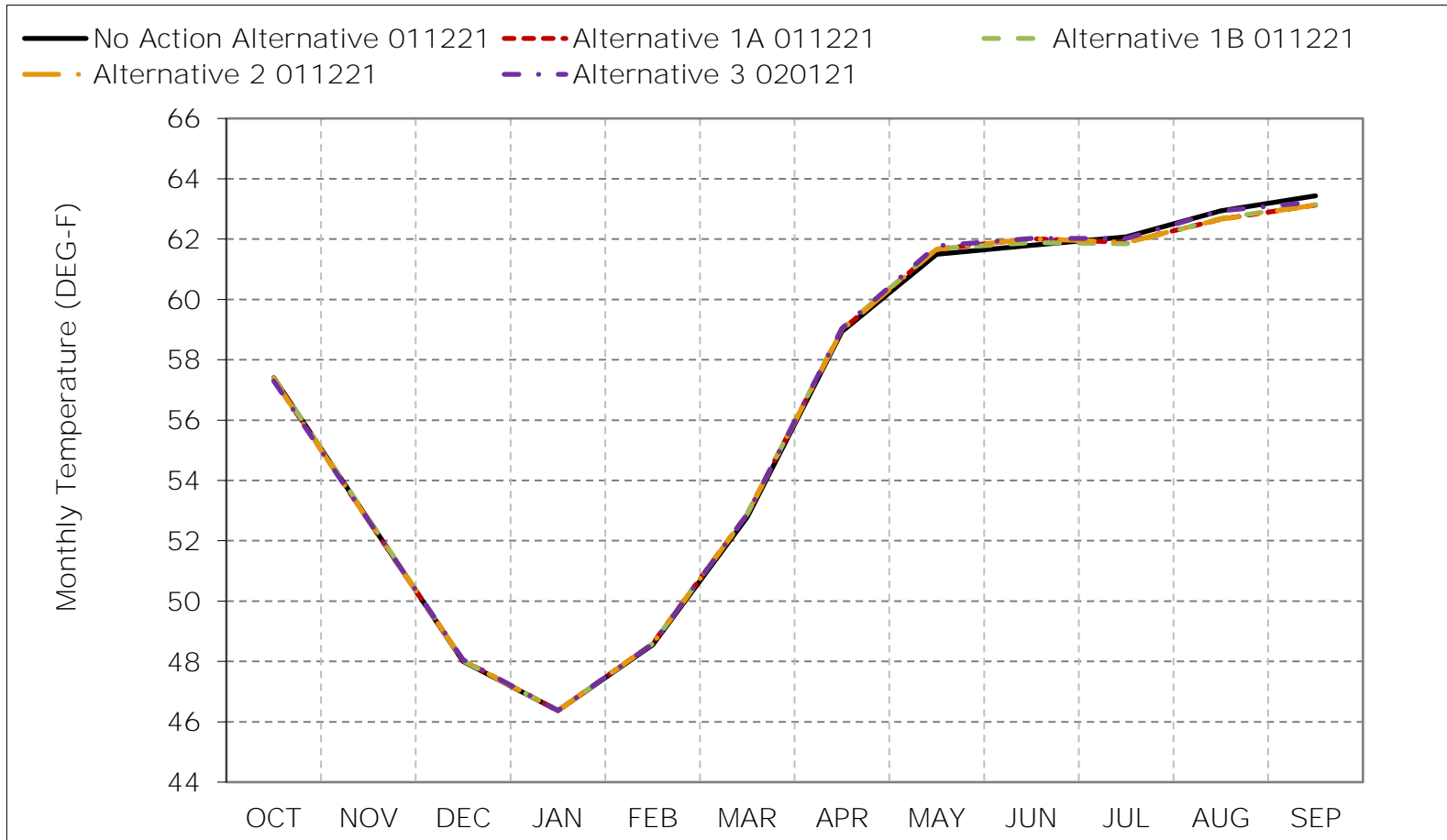


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-11-5. Sacramento River below Hamilton City, Dry Year Average Temperature



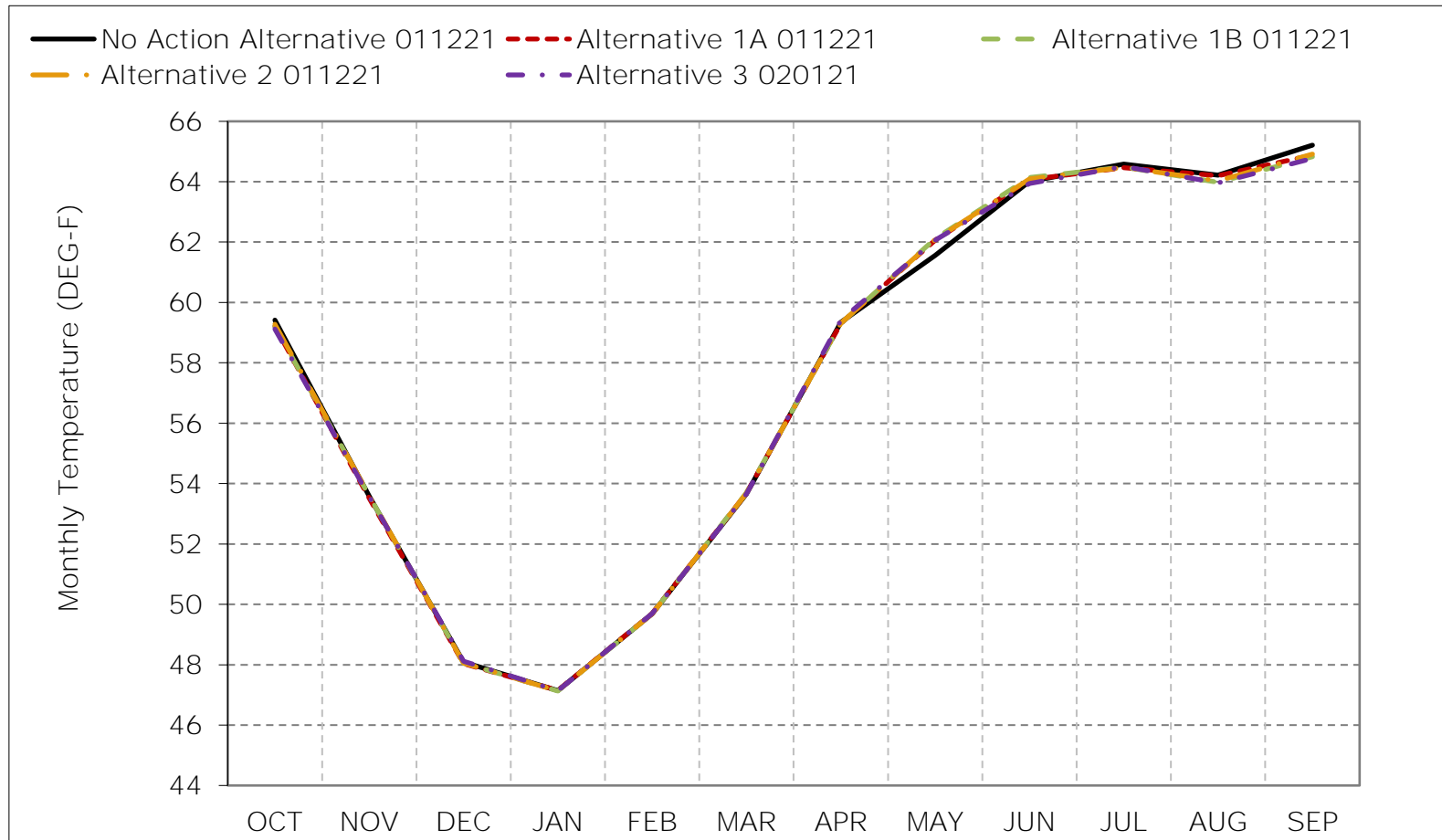
\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.



Figure 6C-11-6. Sacramento River below Hamilton City, Critical Year Average Temperat

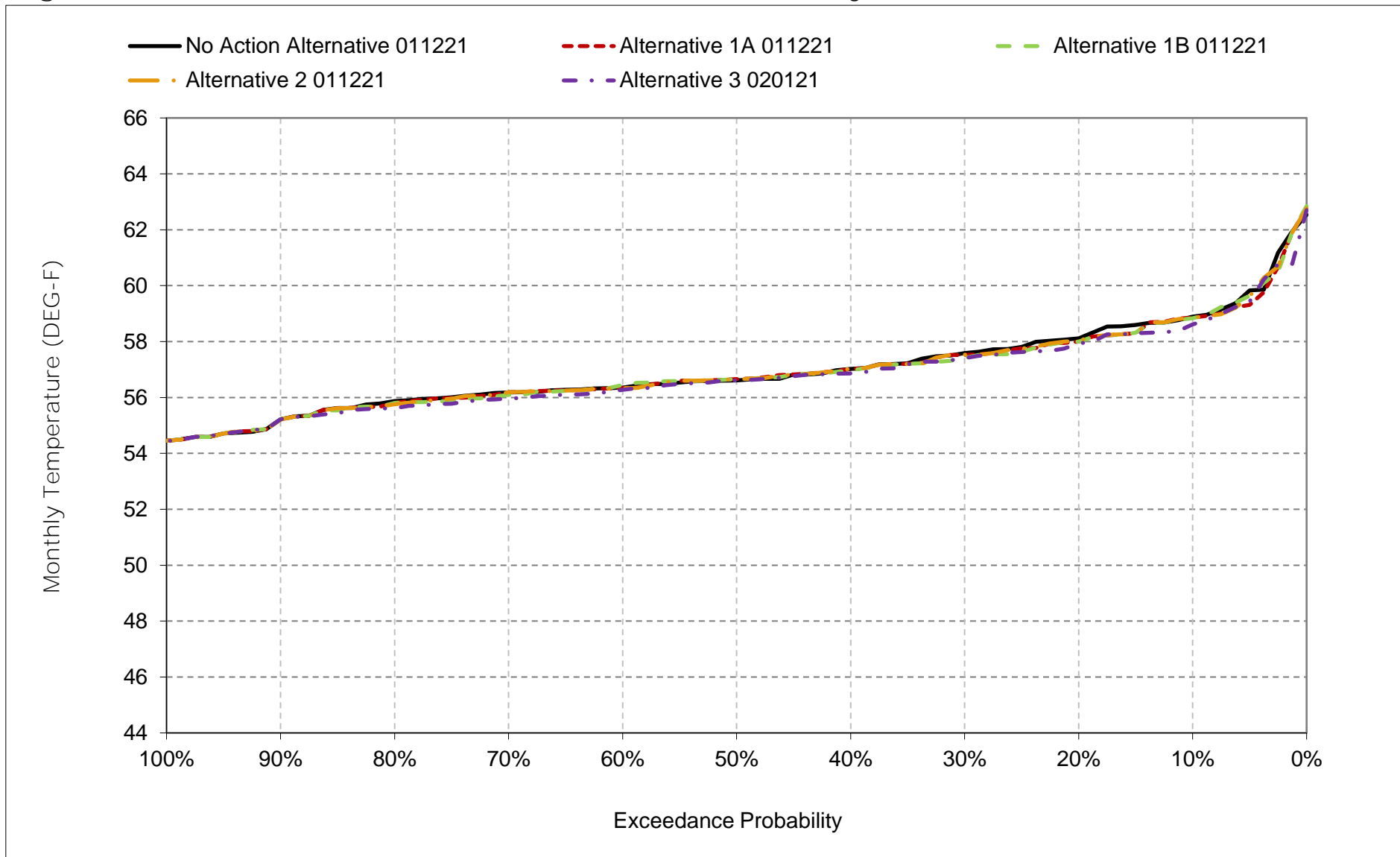


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

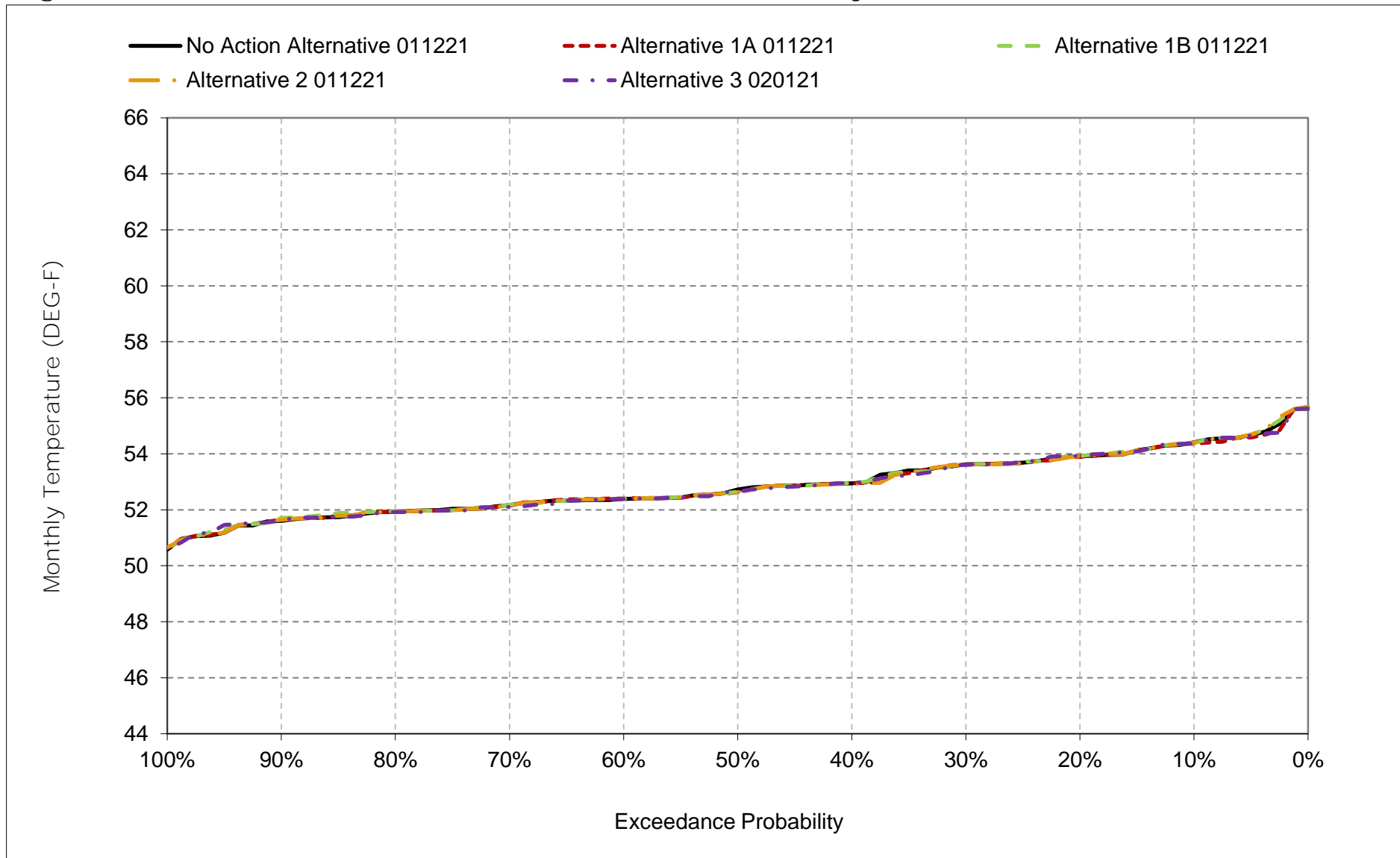
\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-11-7. Sacramento River below Hamilton City, October



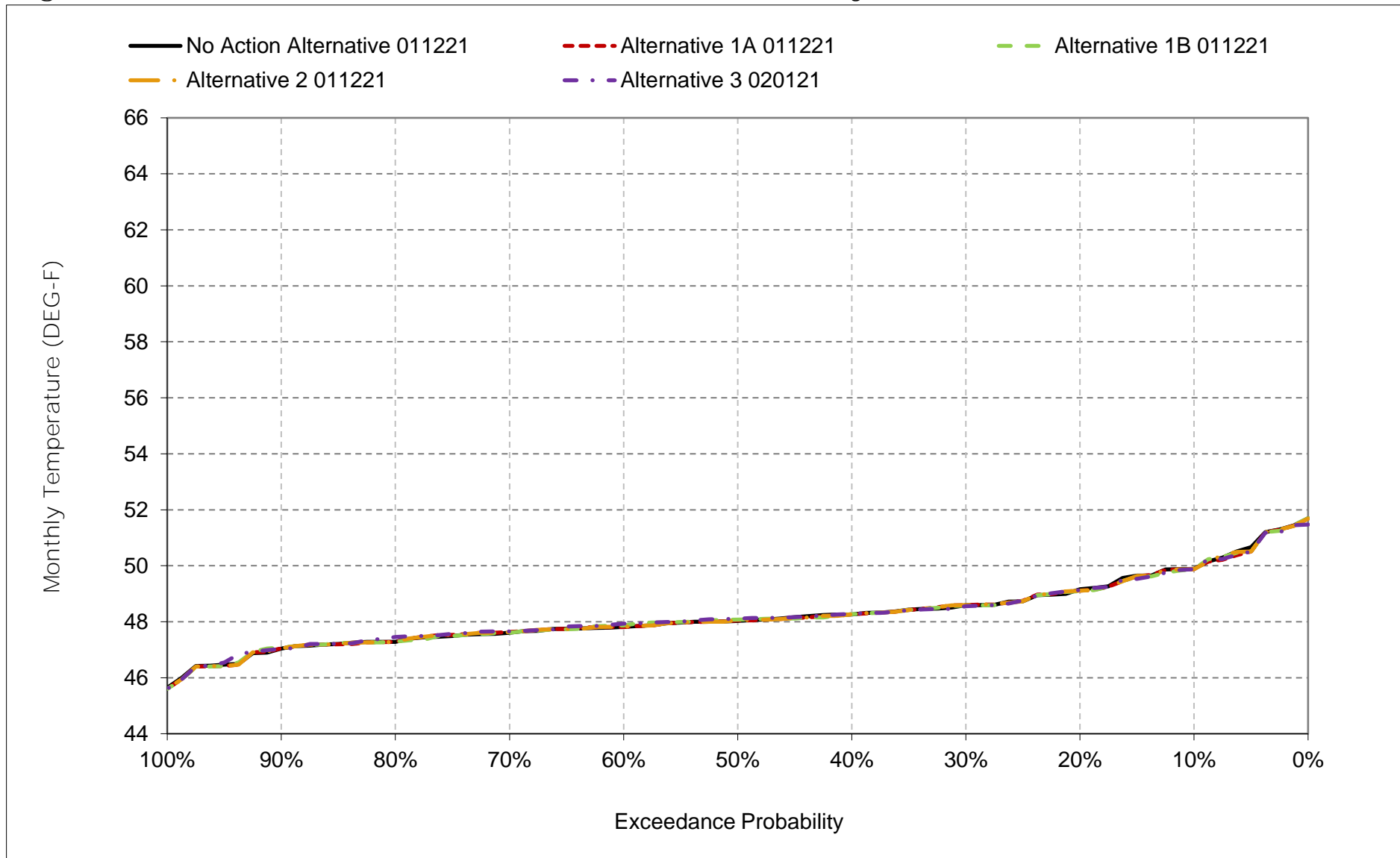
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-11-8. Sacramento River below Hamilton City, November



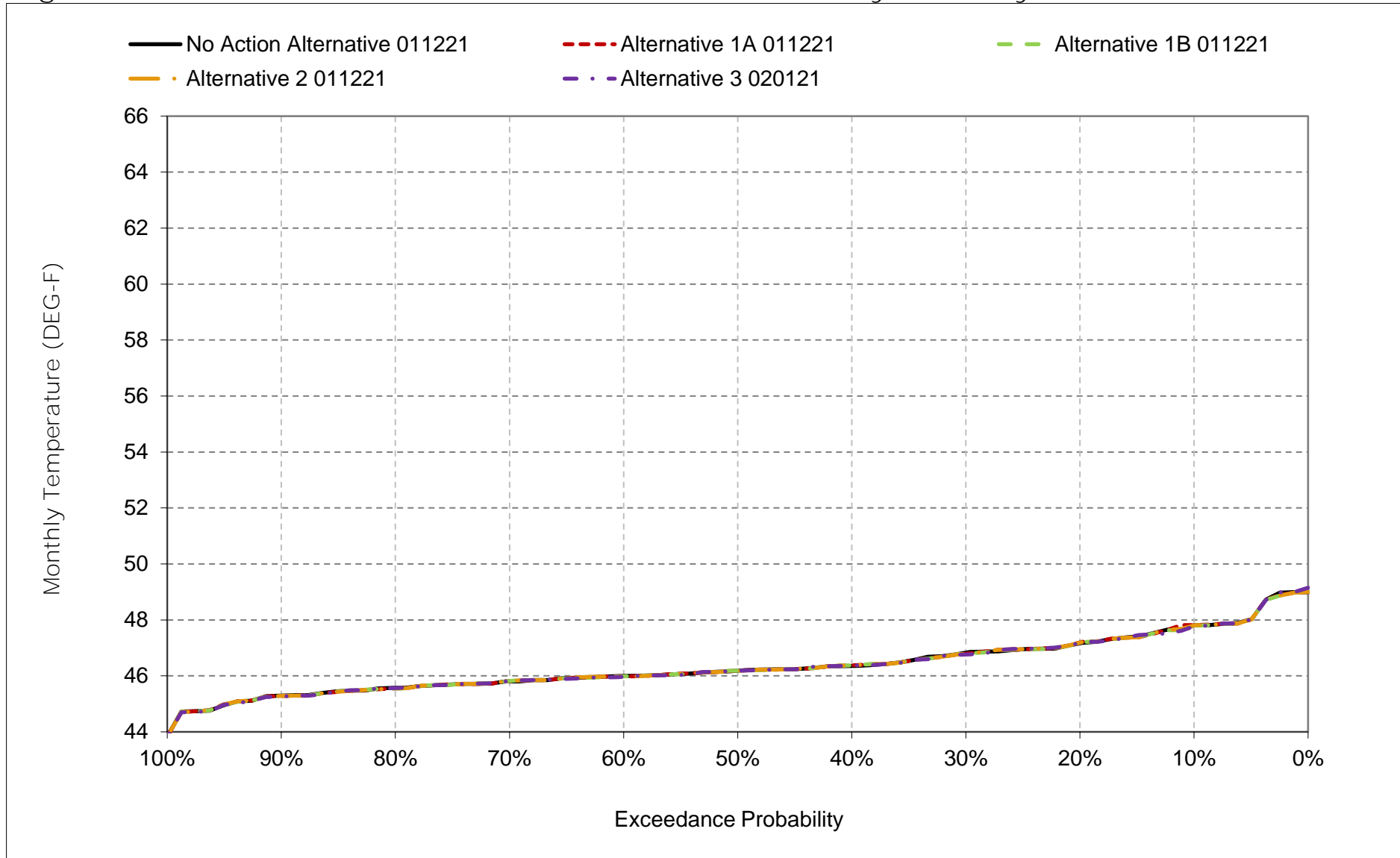
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-11-9. Sacramento River below Hamilton City, December



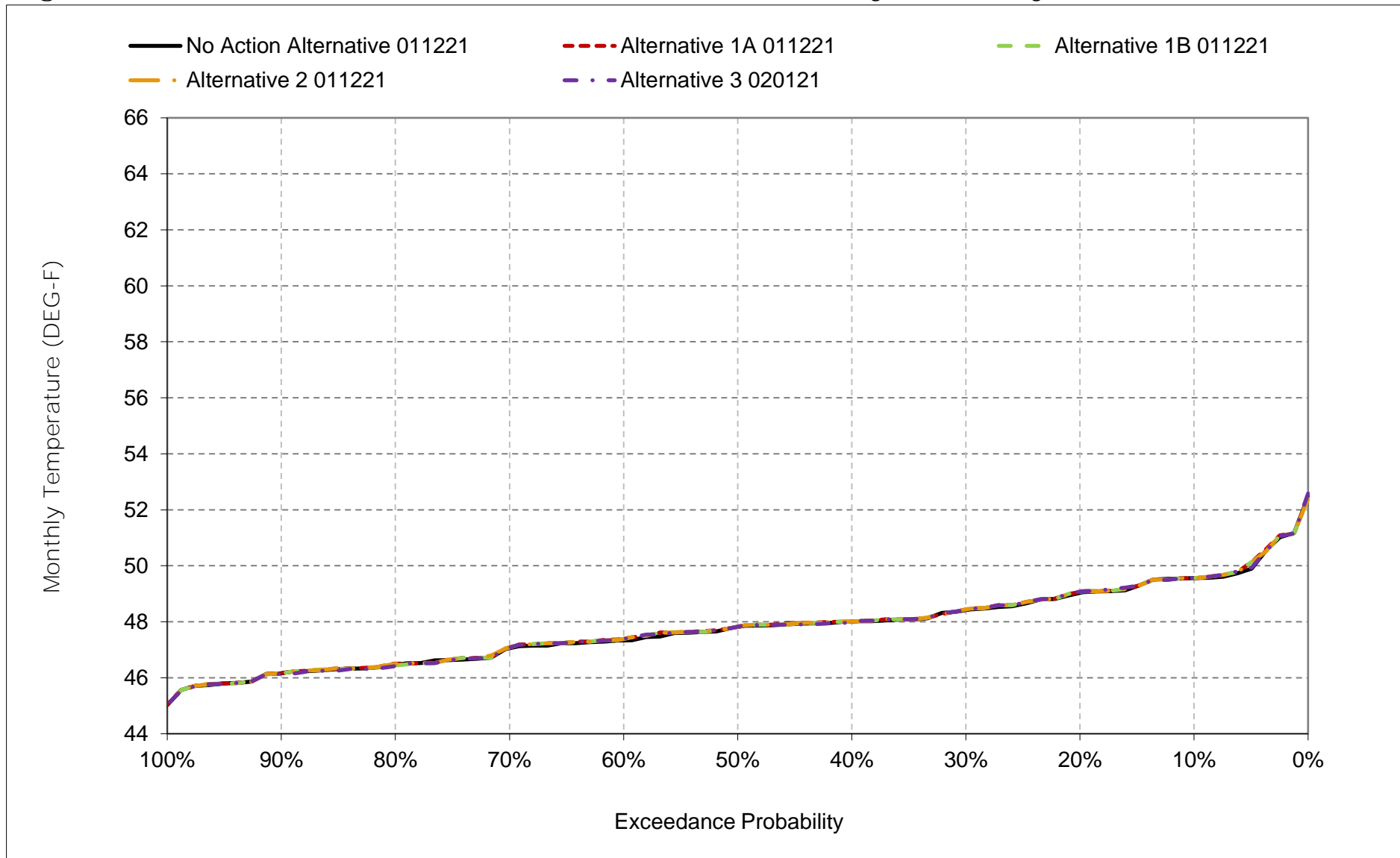
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-11-10. Sacramento River below Hamilton City, January



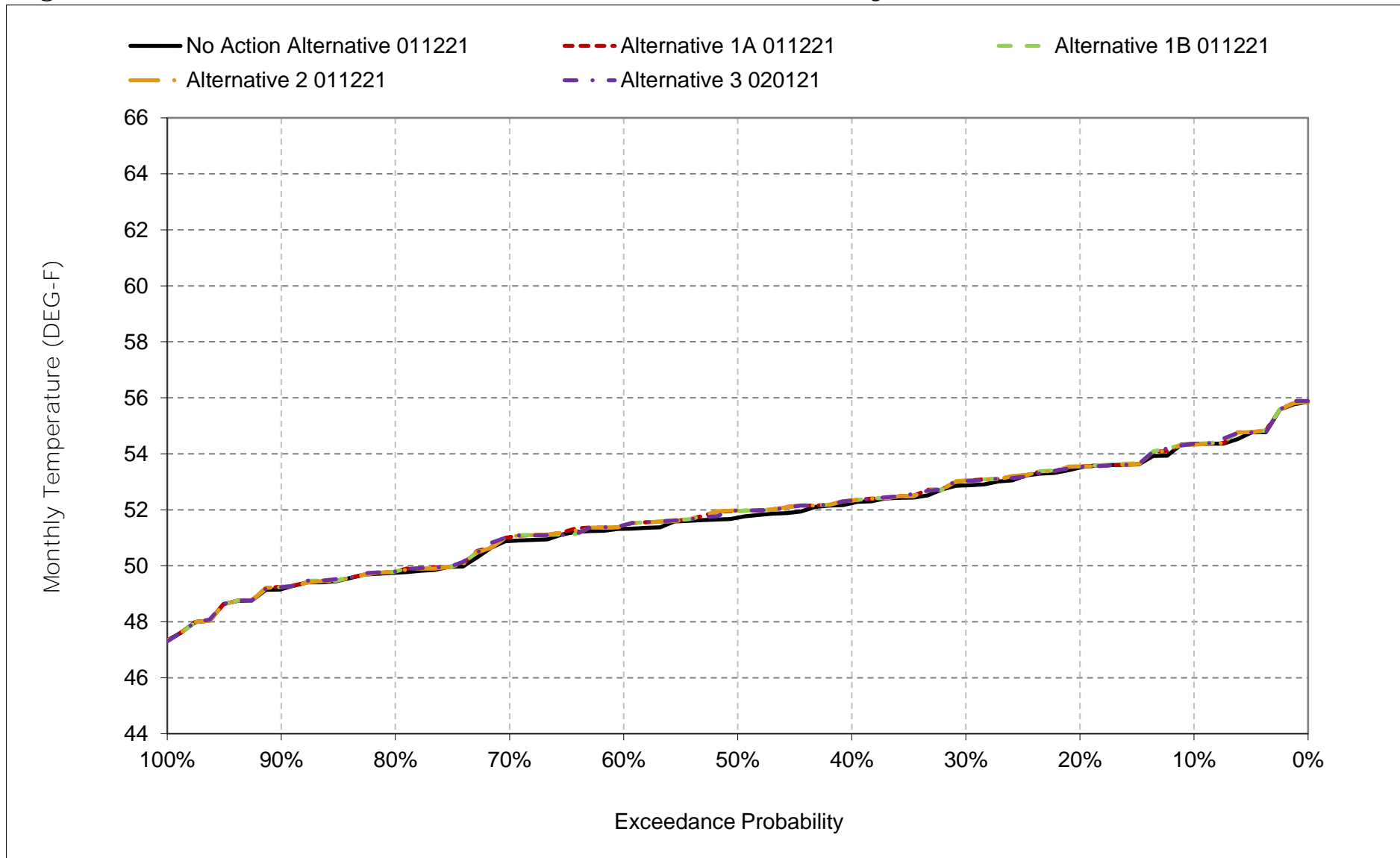
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-11-11. Sacramento River below Hamilton City, February



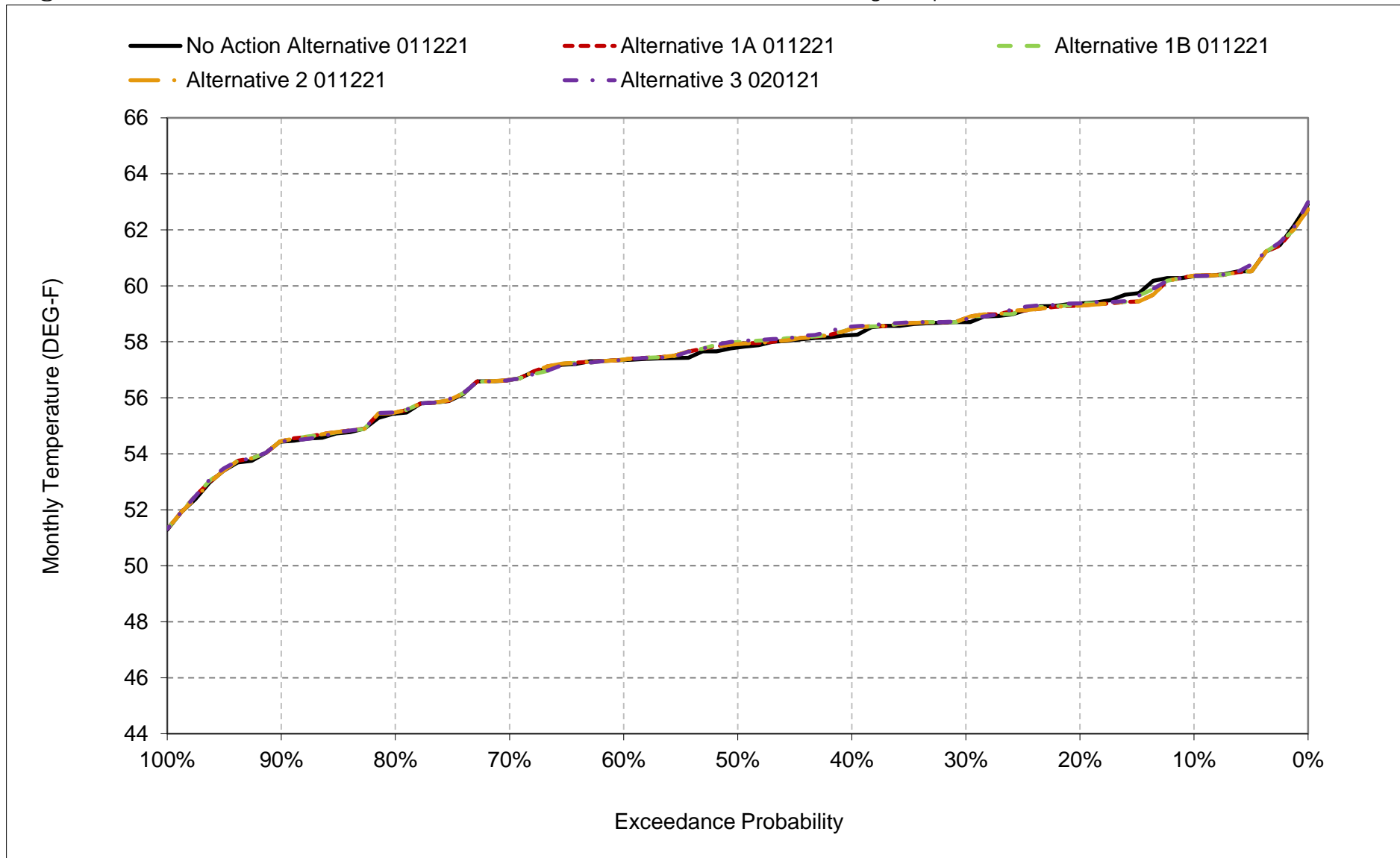
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-11-12. Sacramento River below Hamilton City, March



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

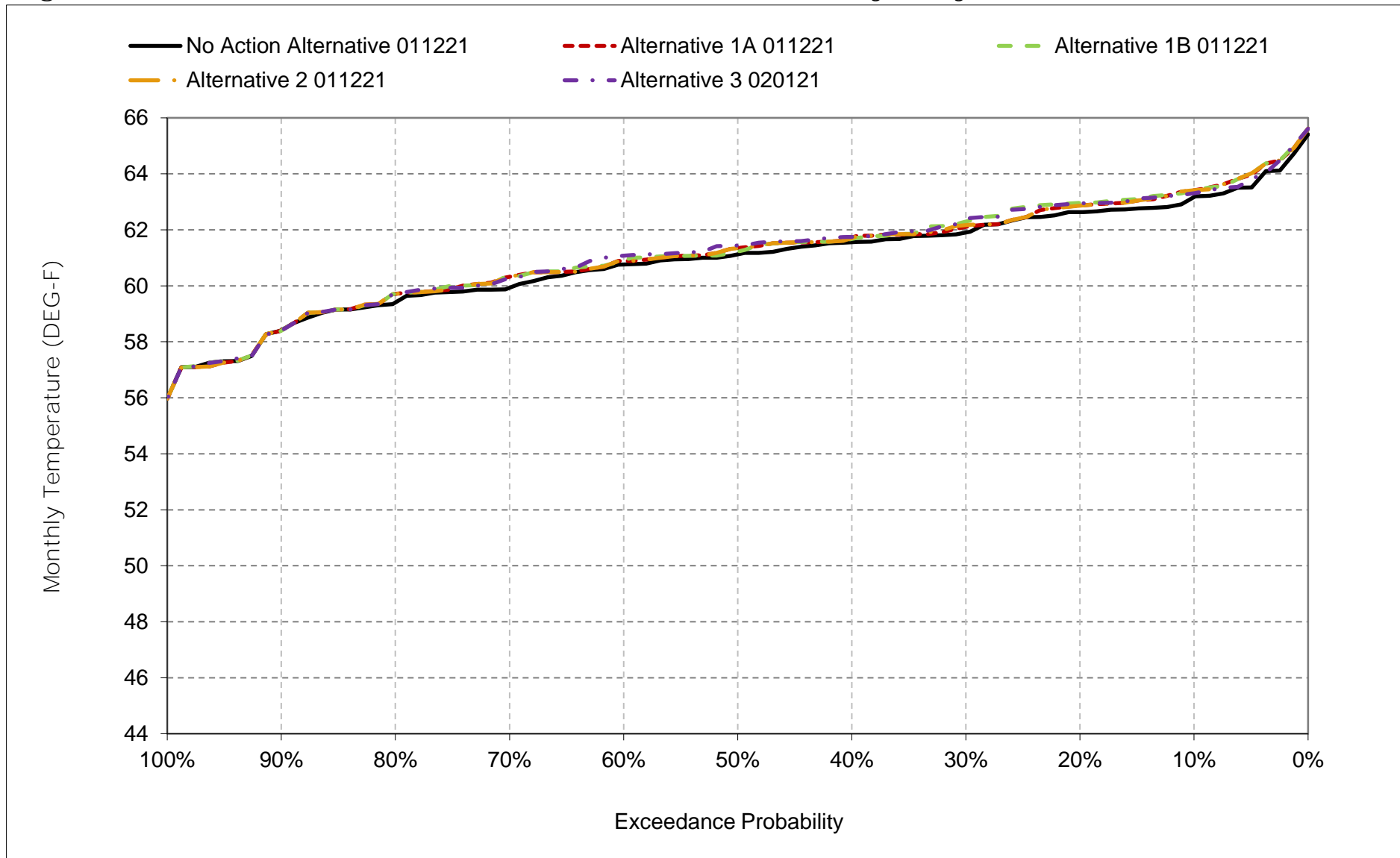
Figure 6C-11-13. Sacramento River below Hamilton City, April



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

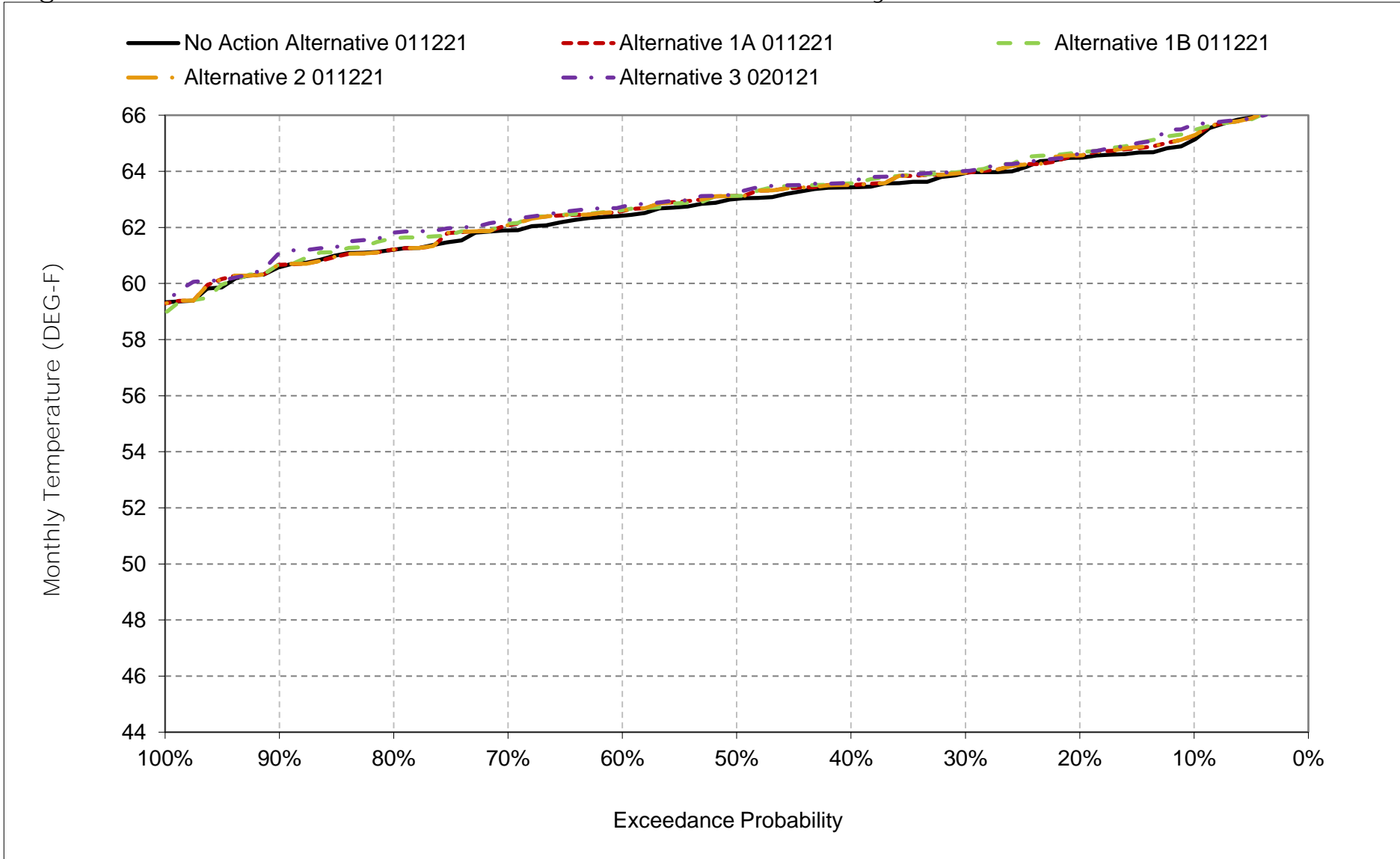


Figure 6C-11-14. Sacramento River below Hamilton City, May



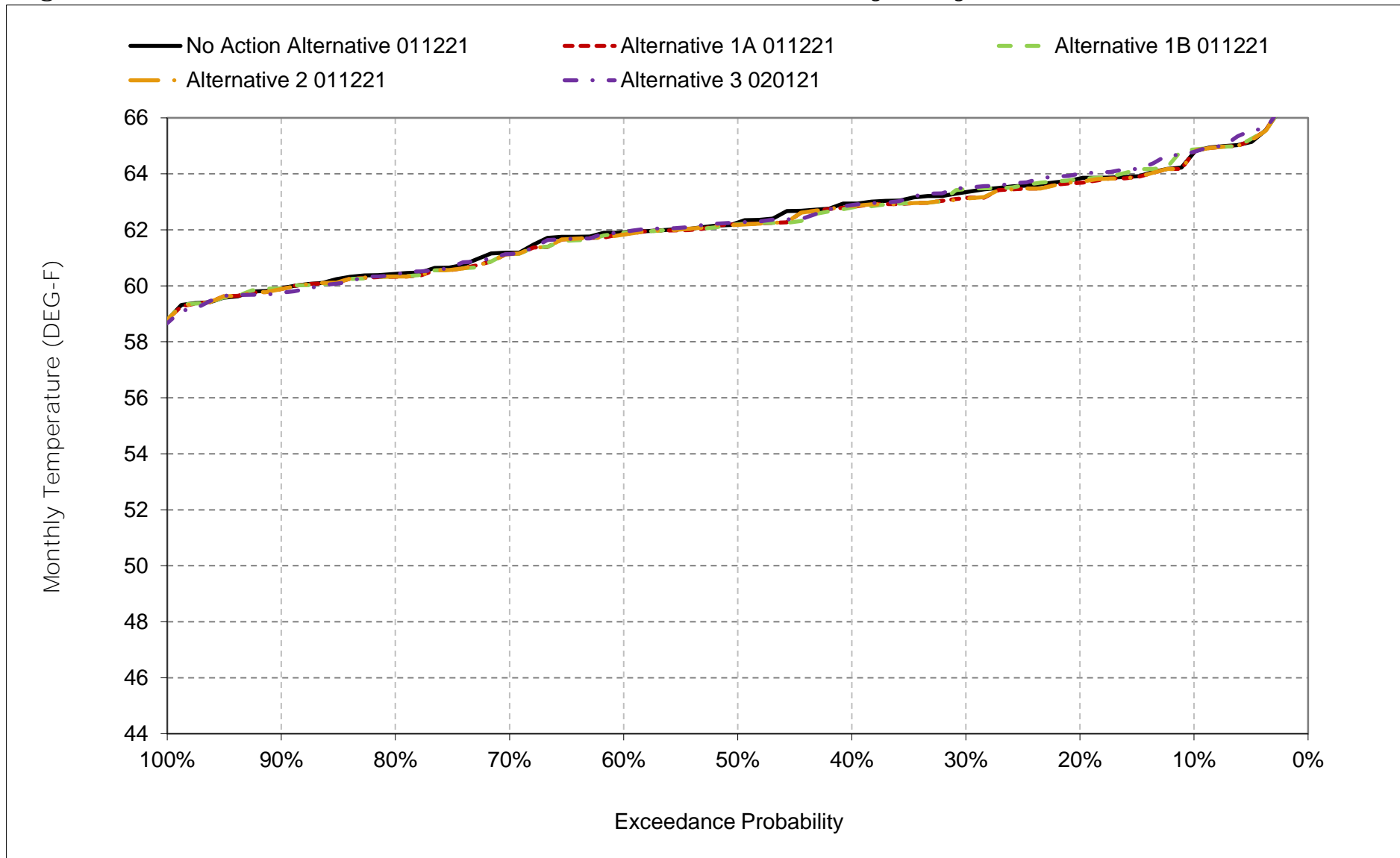
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-11-15. Sacramento River below Hamilton City, June



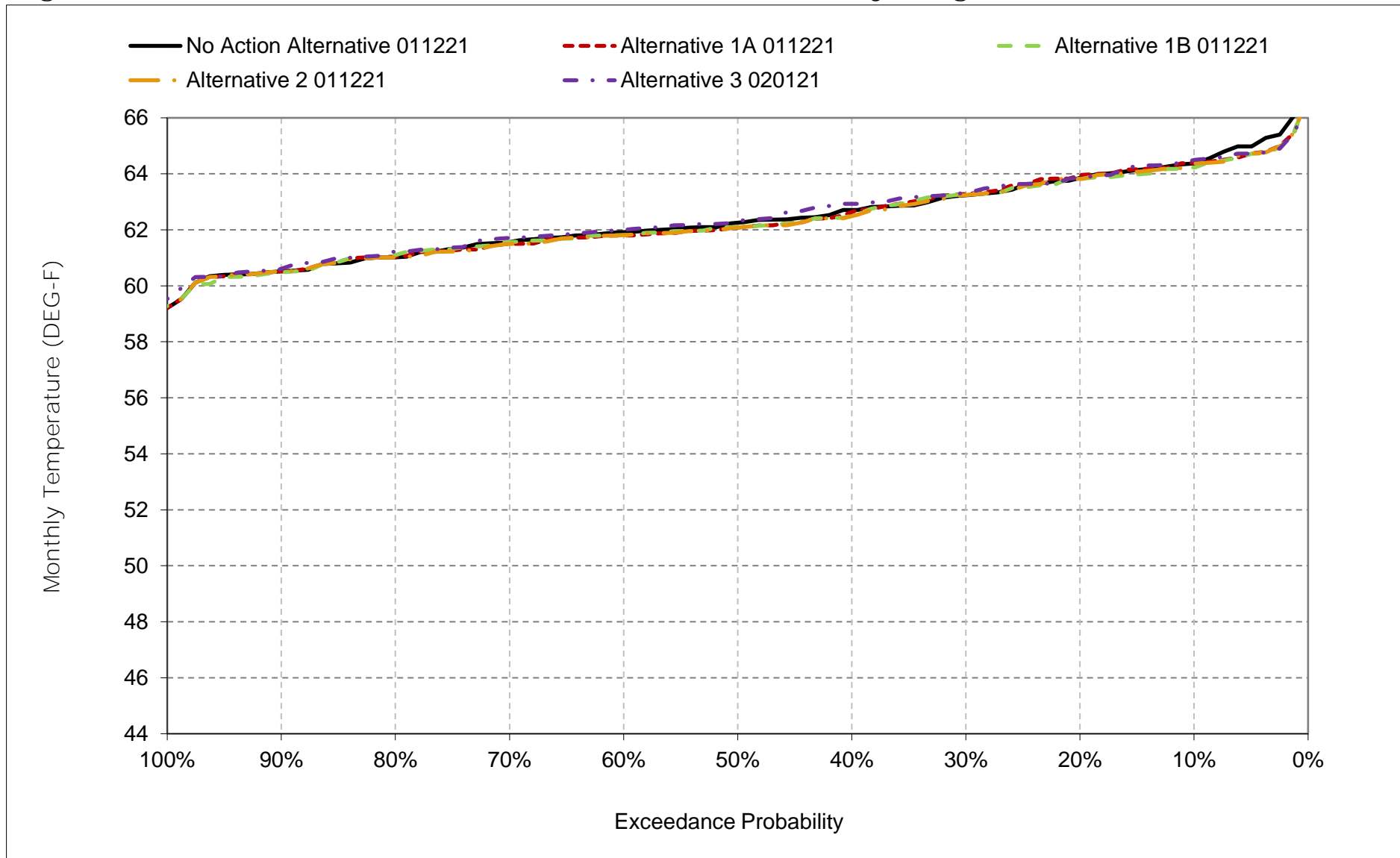
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-11-16. Sacramento River below Hamilton City, July



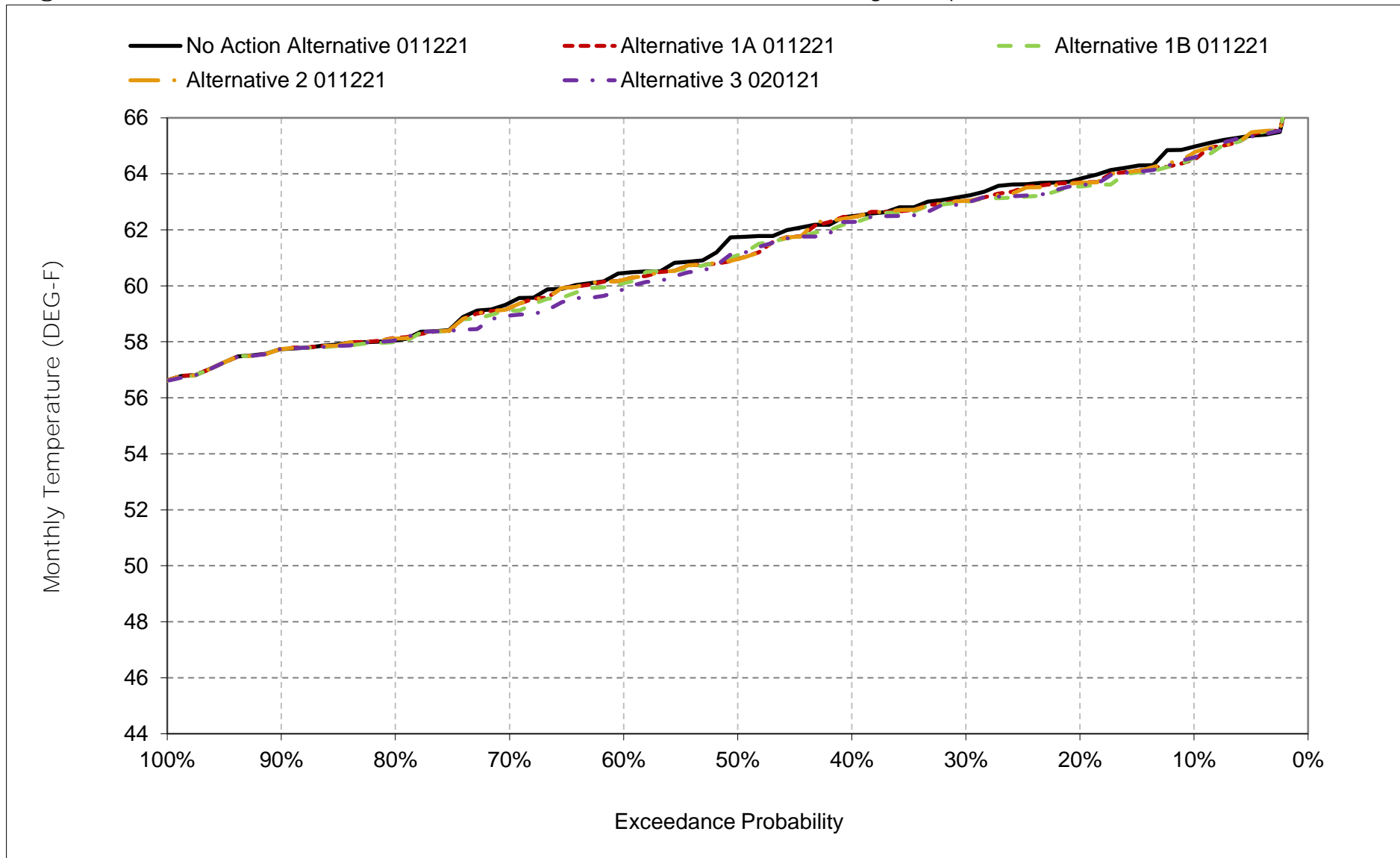
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-11-17. Sacramento River below Hamilton City, August



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-11-18. Sacramento River below Hamilton City, September



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-12-1a. Sacramento River at Butte City, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	59.7	54.7	49.8	47.8	50.0	55.0	61.3	64.6	67.0	66.9	66.4	66.5
20%	59.0	54.0	49.0	47.2	49.3	54.2	60.3	64.0	66.2	65.9	65.8	65.4
30%	58.4	53.7	48.4	46.8	48.7	53.4	59.6	63.4	65.6	65.4	65.2	64.8
40%	57.8	53.2	48.1	46.3	48.3	52.7	59.3	62.9	65.1	64.8	64.5	63.9
50%	57.4	52.9	47.9	46.2	48.0	52.3	58.7	62.4	64.5	64.1	64.1	63.4
60%	57.2	52.5	47.7	45.9	47.6	51.7	58.1	62.1	64.0	63.7	63.8	61.8
70%	56.9	52.2	47.6	45.7	47.1	51.3	57.4	61.2	63.7	62.9	63.4	60.7
80%	56.6	52.0	47.2	45.5	46.6	50.1	55.8	60.6	62.9	62.2	62.7	59.3
90%	56.1	51.8	46.9	45.3	46.2	49.5	54.9	59.3	62.2	61.6	62.2	58.9
Long Term												
Full Simulation Period <sup>a</sup>	57.8	53.0	48.2	46.3	48.0	52.2	58.3	62.2	64.5	64.2	64.3	62.8
Water Year Types <sup>b,c</sup>												
Wet (32%)	56.7	53.3	48.6	46.0	47.0	50.6	56.1	61.1	65.1	64.4	63.5	59.8
Above Normal (15%)	57.4	52.5	48.0	46.3	47.3	51.2	57.7	62.3	64.7	62.8	63.5	60.9
Below Normal (17%)	57.4	52.6	47.9	46.1	47.7	52.7	59.0	62.8	63.7	63.3	64.2	63.7
Dry (22%)	58.2	52.8	47.9	46.4	48.9	53.3	59.8	62.9	63.5	64.0	64.8	65.0
Critical (15%)	60.1	53.7	48.0	47.2	50.1	54.3	60.4	63.0	65.6	66.6	66.1	66.7

Table 6C-12-1b. Sacramento River at Butte City, Alternative 1A 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	59.5	54.5	49.8	47.8	50.0	55.0	61.3	65.0	66.9	66.7	66.3	66.1
20%	58.9	54.0	49.0	47.2	49.3	54.2	60.3	64.3	66.2	65.6	65.7	65.2
30%	58.4	53.7	48.4	46.8	48.8	53.6	59.6	63.5	65.5	65.2	65.2	64.5
40%	57.8	53.1	48.1	46.3	48.3	52.8	59.3	63.1	65.3	64.7	64.4	64.1
50%	57.5	52.9	47.9	46.2	48.1	52.4	58.7	62.6	64.7	64.1	63.9	62.3
60%	57.1	52.5	47.8	46.0	47.7	51.9	58.2	62.3	64.3	63.6	63.7	61.6
70%	56.8	52.2	47.6	45.7	47.2	51.4	57.4	61.5	63.7	62.9	63.2	60.6
80%	56.6	52.1	47.2	45.4	46.6	50.1	56.0	60.7	62.8	61.9	62.7	59.5
90%	56.1	51.8	46.9	45.2	46.2	49.6	55.0	59.3	62.2	61.6	62.2	58.9
Long Term												
Full Simulation Period <sup>a</sup>	57.7	53.0	48.2	46.3	48.1	52.3	58.3	62.4	64.7	64.1	64.2	62.6
Water Year Types <sup>b,c</sup>												
Wet (32%)	56.7	53.3	48.6	46.0	47.0	50.6	56.1	61.2	65.2	64.4	63.6	59.8
Above Normal (15%)	57.4	52.5	48.0	46.3	47.3	51.4	57.8	62.3	64.8	62.8	63.5	60.9
Below Normal (17%)	57.4	52.7	47.9	46.1	47.8	52.9	59.0	62.9	63.8	63.2	64.1	63.6
Dry (22%)	58.2	52.8	48.0	46.4	48.9	53.5	59.8	63.0	63.7	63.7	64.4	64.6
Critical (15%)	59.9	53.7	48.0	47.2	50.1	54.3	60.4	63.5	65.7	66.4	66.0	66.3

Table 6C-12-1c. Sacramento River at Butte City, Alternative 1A 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	-0.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.3	-0.1	-0.2	-0.1	-0.4
20%	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.3	0.0	-0.3	-0.1	-0.2
30%	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.1	-0.1	-0.2	0.0	-0.3
40%	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	-0.1	-0.1	0.1
50%	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	-0.1	-0.2	-1.1
60%	-0.1	0.0	0.1	0.0	0.1	0.2	0.1	0.1	0.3	-0.1	-0.1	-0.2
70%	-0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.3	0.0	0.0	-0.2	-0.1
80%	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.1	0.0	-0.3	0.0	0.1
90%	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.1	-0.1	-0.1	-0.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.1	0.1	0.0	0.0	0.0
Below Normal (17%)	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	-0.1	0.0	-0.1
Dry (22%)	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.2	-0.3	-0.4	-0.4
Critical (15%)	-0.3	-0.1	0.0	0.0	0.0	0.0	0.0	0.5	0.0	-0.2	-0.1	-0.4

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-12-2a. Sacramento River at Butte City, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	59.7	54.7	49.8	47.8	50.0	55.0	61.3	64.6	67.0	66.9	66.4	66.5
20%	59.0	54.0	49.0	47.2	49.3	54.2	60.3	64.0	66.2	65.9	65.8	65.4
30%	58.4	53.7	48.4	46.8	48.7	53.4	59.6	63.4	65.6	65.4	65.2	64.8
40%	57.8	53.2	48.1	46.3	48.3	52.7	59.3	62.9	65.1	64.8	64.5	63.9
50%	57.4	52.9	47.9	46.2	48.0	52.3	58.7	62.4	64.5	64.1	64.1	63.4
60%	57.2	52.5	47.7	45.9	47.6	51.7	58.1	62.1	64.0	63.7	63.8	61.8
70%	56.9	52.2	47.6	45.7	47.1	51.3	57.4	61.2	63.7	62.9	63.4	60.7
80%	56.6	52.0	47.2	45.5	46.6	50.1	55.8	60.6	62.9	62.2	62.7	59.3
90%	56.1	51.8	46.9	45.3	46.2	49.5	54.9	59.3	62.2	61.6	62.2	58.9
Long Term												
Full Simulation Period <sup>a</sup>	57.8	53.0	48.2	46.3	48.0	52.2	58.3	62.2	64.5	64.2	64.3	62.8
Water Year Types <sup>b,c</sup>												
Wet (32%)	56.7	53.3	48.6	46.0	47.0	50.6	56.1	61.1	65.1	64.4	63.5	59.8
Above Normal (15%)	57.4	52.5	48.0	46.3	47.3	51.2	57.7	62.3	64.7	62.8	63.5	60.9
Below Normal (17%)	57.4	52.6	47.9	46.1	47.7	52.7	59.0	62.8	63.7	63.3	64.2	63.7
Dry (22%)	58.2	52.8	47.9	46.4	48.9	53.3	59.8	62.9	63.5	64.0	64.8	65.0
Critical (15%)	60.1	53.7	48.0	47.2	50.1	54.3	60.4	63.0	65.6	66.6	66.1	66.7

Table 6C-12-2b. Sacramento River at Butte City, Alternative 1B 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	59.5	54.7	49.7	47.8	50.0	55.0	61.3	64.9	67.1	66.9	66.2	66.0
20%	58.9	54.1	49.0	47.2	49.4	54.2	60.3	64.4	66.4	65.9	65.5	65.0
30%	58.2	53.7	48.4	46.7	48.8	53.6	59.6	63.6	65.7	65.4	65.2	64.5
40%	57.8	53.2	48.1	46.4	48.3	52.8	59.3	63.1	65.4	64.6	64.4	63.8
50%	57.5	52.9	47.9	46.2	48.1	52.4	58.8	62.6	64.7	64.0	64.0	62.4
60%	57.3	52.6	47.8	45.9	47.7	51.9	58.2	62.3	64.3	63.6	63.7	61.5
70%	56.8	52.2	47.6	45.7	47.2	51.4	57.4	61.5	63.9	62.9	63.3	60.5
80%	56.6	52.1	47.3	45.4	46.6	50.1	56.0	60.7	63.1	62.0	62.7	59.3
90%	56.0	51.8	47.0	45.3	46.2	49.6	55.0	59.3	62.2	61.6	62.2	58.9
Long Term												
Full Simulation Period <sup>a</sup>	57.7	53.0	48.2	46.3	48.1	52.3	58.3	62.4	64.7	64.1	64.2	62.5
Water Year Types <sup>b,c</sup>												
Wet (32%)	56.7	53.3	48.6	46.0	47.0	50.6	56.1	61.2	65.2	64.4	63.6	59.8
Above Normal (15%)	57.3	52.5	48.1	46.3	47.3	51.4	57.7	62.3	65.2	63.0	63.5	60.5
Below Normal (17%)	57.4	52.7	47.9	46.1	47.8	52.9	59.0	63.0	63.9	63.3	64.1	63.5
Dry (22%)	58.2	52.9	47.9	46.4	48.9	53.5	59.9	63.1	63.6	63.6	64.5	64.7
Critical (15%)	59.9	53.7	48.0	47.2	50.1	54.4	60.4	63.5	65.7	66.5	65.8	66.3

Table 6C-12-2c. Sacramento River at Butte City, Alternative 1B 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	-0.2	0.0	-0.1	0.0	0.0	0.0	0.0	0.3	0.2	-0.1	-0.2	-0.5
20%	-0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.4	0.2	-0.1	-0.3	-0.4
30%	-0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.3	0.1	0.0	0.0	-0.4
40%	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	-0.2	-0.2	-0.1
50%	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	-0.1	-0.2	-1.0
60%	0.1	0.0	0.1	0.0	0.1	0.2	0.1	0.1	0.3	-0.1	-0.1	-0.3
70%	-0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.3	0.2	0.0	-0.1	-0.2
80%	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.1	0.3	-0.2	0.0	-0.1
90%	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	0.0
Long Term												
Full Simulation Period <sup>a</sup>	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.2	-0.1	-0.1	-0.2
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0
Above Normal (15%)	-0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.1	0.5	0.2	0.0	-0.4
Below Normal (17%)	-0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.3	0.3	0.0	0.0	-0.2
Dry (22%)	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.1	-0.3	-0.3	-0.3
Critical (15%)	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	-0.2	-0.3	-0.4

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-12-3a. Sacramento River at Butte City, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	59.7	54.7	49.8	47.8	50.0	55.0	61.3	64.6	67.0	66.9	66.4	66.5
20%	59.0	54.0	49.0	47.2	49.3	54.2	60.3	64.0	66.2	65.9	65.8	65.4
30%	58.4	53.7	48.4	46.8	48.7	53.4	59.6	63.4	65.6	65.4	65.2	64.8
40%	57.8	53.2	48.1	46.3	48.3	52.7	59.3	62.9	65.1	64.8	64.5	63.9
50%	57.4	52.9	47.9	46.2	48.0	52.3	58.7	62.4	64.5	64.1	64.1	63.4
60%	57.2	52.5	47.7	45.9	47.6	51.7	58.1	62.1	64.0	63.7	63.8	61.8
70%	56.9	52.2	47.6	45.7	47.1	51.3	57.4	61.2	63.7	62.9	63.4	60.7
80%	56.6	52.0	47.2	45.5	46.6	50.1	55.8	60.6	62.9	62.2	62.7	59.3
90%	56.1	51.8	46.9	45.3	46.2	49.5	54.9	59.3	62.2	61.6	62.2	58.9
Long Term												
Full Simulation Period <sup>a</sup>	57.8	53.0	48.2	46.3	48.0	52.2	58.3	62.2	64.5	64.2	64.3	62.8
Water Year Types <sup>b,c</sup>												
Wet (32%)	56.7	53.3	48.6	46.0	47.0	50.6	56.1	61.1	65.1	64.4	63.5	59.8
Above Normal (15%)	57.4	52.5	48.0	46.3	47.3	51.2	57.7	62.3	64.7	62.8	63.5	60.9
Below Normal (17%)	57.4	52.6	47.9	46.1	47.7	52.7	59.0	62.8	63.7	63.3	64.2	63.7
Dry (22%)	58.2	52.8	47.9	46.4	48.9	53.3	59.8	62.9	63.5	64.0	64.8	65.0
Critical (15%)	60.1	53.7	48.0	47.2	50.1	54.3	60.4	63.0	65.6	66.6	66.1	66.7

Table 6C-12-3b. Sacramento River at Butte City, Alternative 2 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	59.5	54.7	49.8	47.8	50.0	55.0	61.3	65.0	66.9	66.7	66.2	66.3
20%	58.9	54.0	49.0	47.2	49.3	54.2	60.3	64.3	66.3	65.6	65.7	65.2
30%	58.4	53.7	48.4	46.8	48.8	53.6	59.6	63.5	65.5	65.2	65.2	64.5
40%	57.8	53.1	48.1	46.3	48.3	52.8	59.3	63.1	65.3	64.7	64.3	64.0
50%	57.5	52.9	47.9	46.2	48.1	52.4	58.7	62.6	64.8	64.0	63.9	62.3
60%	57.1	52.5	47.8	46.0	47.7	51.9	58.2	62.3	64.3	63.6	63.7	61.6
70%	56.8	52.2	47.6	45.7	47.2	51.4	57.4	61.5	63.7	62.9	63.2	60.6
80%	56.6	52.1	47.2	45.4	46.6	50.1	56.0	60.7	62.8	61.9	62.7	59.4
90%	56.1	51.8	46.9	45.2	46.2	49.7	55.0	59.3	62.2	61.6	62.2	58.9
Long Term												
Full Simulation Period <sup>a</sup>	57.7	53.0	48.2	46.3	48.1	52.3	58.3	62.4	64.7	64.1	64.2	62.6
Water Year Types <sup>b,c</sup>												
Wet (32%)	56.7	53.3	48.6	46.0	47.0	50.6	56.1	61.2	65.2	64.4	63.5	59.8
Above Normal (15%)	57.4	52.5	48.0	46.3	47.3	51.4	57.8	62.3	64.8	62.8	63.5	60.9
Below Normal (17%)	57.4	52.6	47.9	46.1	47.8	52.9	59.0	62.9	63.8	63.2	64.1	63.6
Dry (22%)	58.2	52.8	48.0	46.4	48.9	53.4	59.8	63.0	63.7	63.7	64.4	64.6
Critical (15%)	59.9	53.7	48.0	47.2	50.1	54.3	60.4	63.5	65.7	66.5	65.9	66.3

Table 6C-12-3c. Sacramento River at Butte City, Alternative 2 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	-0.1	-0.2	-0.2	-0.2
20%	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.3	0.0	-0.3	-0.1	-0.2
30%	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.1	-0.1	-0.2	0.0	-0.3
40%	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	-0.1	-0.2	0.1
50%	0.1	0.0	0.0	0.0	0.0	0.2	0.1	0.2	0.2	-0.1	-0.2	-1.1
60%	-0.1	0.0	0.1	0.0	0.1	0.2	0.1	0.1	0.3	-0.1	-0.1	-0.2
70%	-0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.3	0.0	0.0	-0.2	-0.1
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	-0.3	0.0	0.1
90%	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.1	-0.1	-0.1	-0.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.0
Above Normal (15%)	-0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.1	0.1	0.0	0.0	0.0
Below Normal (17%)	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	-0.1	0.0	-0.1
Dry (22%)	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.2	-0.3	-0.4	-0.4
Critical (15%)	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	-0.2	-0.2	-0.3

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.



Table 6C-12-4a. Sacramento River at Butte City, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	59.7	54.7	49.8	47.8	50.0	55.0	61.3	64.6	67.0	66.9	66.4	66.5
20%	59.0	54.0	49.0	47.2	49.3	54.2	60.3	64.0	66.2	65.9	65.8	65.4
30%	58.4	53.7	48.4	46.8	48.7	53.4	59.6	63.4	65.6	65.4	65.2	64.8
40%	57.8	53.2	48.1	46.3	48.3	52.7	59.3	62.9	65.1	64.8	64.5	63.9
50%	57.4	52.9	47.9	46.2	48.0	52.3	58.7	62.4	64.5	64.1	64.1	63.4
60%	57.2	52.5	47.7	45.9	47.6	51.7	58.1	62.1	64.0	63.7	63.8	61.8
70%	56.9	52.2	47.6	45.7	47.1	51.3	57.4	61.2	63.7	62.9	63.4	60.7
80%	56.6	52.0	47.2	45.5	46.6	50.1	55.8	60.6	62.9	62.2	62.7	59.3
90%	56.1	51.8	46.9	45.3	46.2	49.5	54.9	59.3	62.2	61.6	62.2	58.9
Long Term												
Full Simulation Period <sup>a</sup>	57.8	53.0	48.2	46.3	48.0	52.2	58.3	62.2	64.5	64.2	64.3	62.8
Water Year Types <sup>b,c</sup>												
Wet (32%)	56.7	53.3	48.6	46.0	47.0	50.6	56.1	61.1	65.1	64.4	63.5	59.8
Above Normal (15%)	57.4	52.5	48.0	46.3	47.3	51.2	57.7	62.3	64.7	62.8	63.5	60.9
Below Normal (17%)	57.4	52.6	47.9	46.1	47.7	52.7	59.0	62.8	63.7	63.3	64.2	63.7
Dry (22%)	58.2	52.8	47.9	46.4	48.9	53.3	59.8	62.9	63.5	64.0	64.8	65.0
Critical (15%)	60.1	53.7	48.0	47.2	50.1	54.3	60.4	63.0	65.6	66.6	66.1	66.7

Table 6C-12-4b. Sacramento River at Butte City, Alternative 3 020121, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	59.3	54.7	49.7	47.8	50.0	55.0	61.3	64.7	67.3	66.8	66.3	66.0
20%	58.6	54.1	49.1	47.2	49.4	54.2	60.3	64.4	66.3	66.0	65.7	65.0
30%	58.2	53.7	48.4	46.7	48.8	53.6	59.8	63.6	65.7	65.4	65.3	64.5
40%	57.8	53.2	48.2	46.3	48.3	52.8	59.4	63.1	65.4	64.7	64.7	63.8
50%	57.5	52.9	48.0	46.2	48.1	52.4	58.8	62.8	64.8	64.1	64.1	62.5
60%	57.1	52.6	47.8	45.9	47.7	51.9	58.1	62.4	64.4	63.7	63.8	61.2
70%	56.7	52.2	47.6	45.7	47.2	51.4	57.4	61.5	63.9	62.9	63.5	60.3
80%	56.4	52.0	47.4	45.5	46.5	50.1	56.0	60.7	63.2	62.1	62.7	59.4
90%	56.0	51.7	46.9	45.3	46.2	49.6	54.8	59.3	62.4	61.3	62.4	58.9
Long Term												
Full Simulation Period <sup>a</sup>	57.6	53.0	48.2	46.3	48.0	52.3	58.3	62.4	64.8	64.2	64.3	62.5
Water Year Types <sup>b,c</sup>												
Wet (32%)	56.7	53.3	48.6	46.0	47.0	50.6	56.2	61.2	65.2	64.4	63.6	59.8
Above Normal (15%)	57.1	52.4	48.1	46.3	47.3	51.4	57.7	62.3	65.4	63.0	64.1	60.2
Below Normal (17%)	57.2	52.6	47.9	46.1	47.8	52.9	59.0	63.0	64.3	63.2	64.2	63.3
Dry (22%)	58.1	52.8	48.0	46.4	48.9	53.4	59.9	63.1	63.7	63.8	64.7	64.8
Critical (15%)	59.8	53.7	48.1	47.2	50.1	54.3	60.5	63.5	65.6	66.5	65.8	66.2

Table 6C-12-4c. Sacramento River at Butte City, Alternative 3 020121 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	-0.4	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.4	-0.1	0.0	-0.5
20%	-0.4	0.0	0.1	0.0	0.1	0.0	0.0	0.3	0.1	0.1	-0.1	-0.4
30%	-0.1	0.0	0.0	-0.1	0.0	0.2	0.2	0.3	0.1	0.0	0.1	-0.4
40%	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	-0.1	0.2	-0.1
50%	0.0	0.0	0.1	0.0	0.0	0.2	0.2	0.4	0.2	0.0	0.0	-0.9
60%	-0.1	0.0	0.1	0.0	0.1	0.2	0.0	0.3	0.4	0.0	0.1	-0.6
70%	-0.2	0.0	0.1	0.0	0.0	0.2	0.0	0.3	0.2	0.0	0.1	-0.4
80%	-0.2	0.0	0.2	0.0	0.0	0.0	0.2	0.1	0.4	-0.1	0.0	0.0
90%	0.0	-0.1	0.0	0.0	0.0	0.1	-0.1	0.0	0.2	-0.3	0.1	0.0
Long Term												
Full Simulation Period <sup>a</sup>	-0.2	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.0	0.1	-0.3
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0
Above Normal (15%)	-0.4	-0.1	0.0	0.0	0.0	0.2	0.0	0.1	0.7	0.2	0.6	-0.8
Below Normal (17%)	-0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.3	0.6	-0.1	0.0	-0.3
Dry (22%)	-0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.2	0.2	-0.2	-0.1	-0.2
Critical (15%)	-0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.0	-0.1	-0.3	-0.5

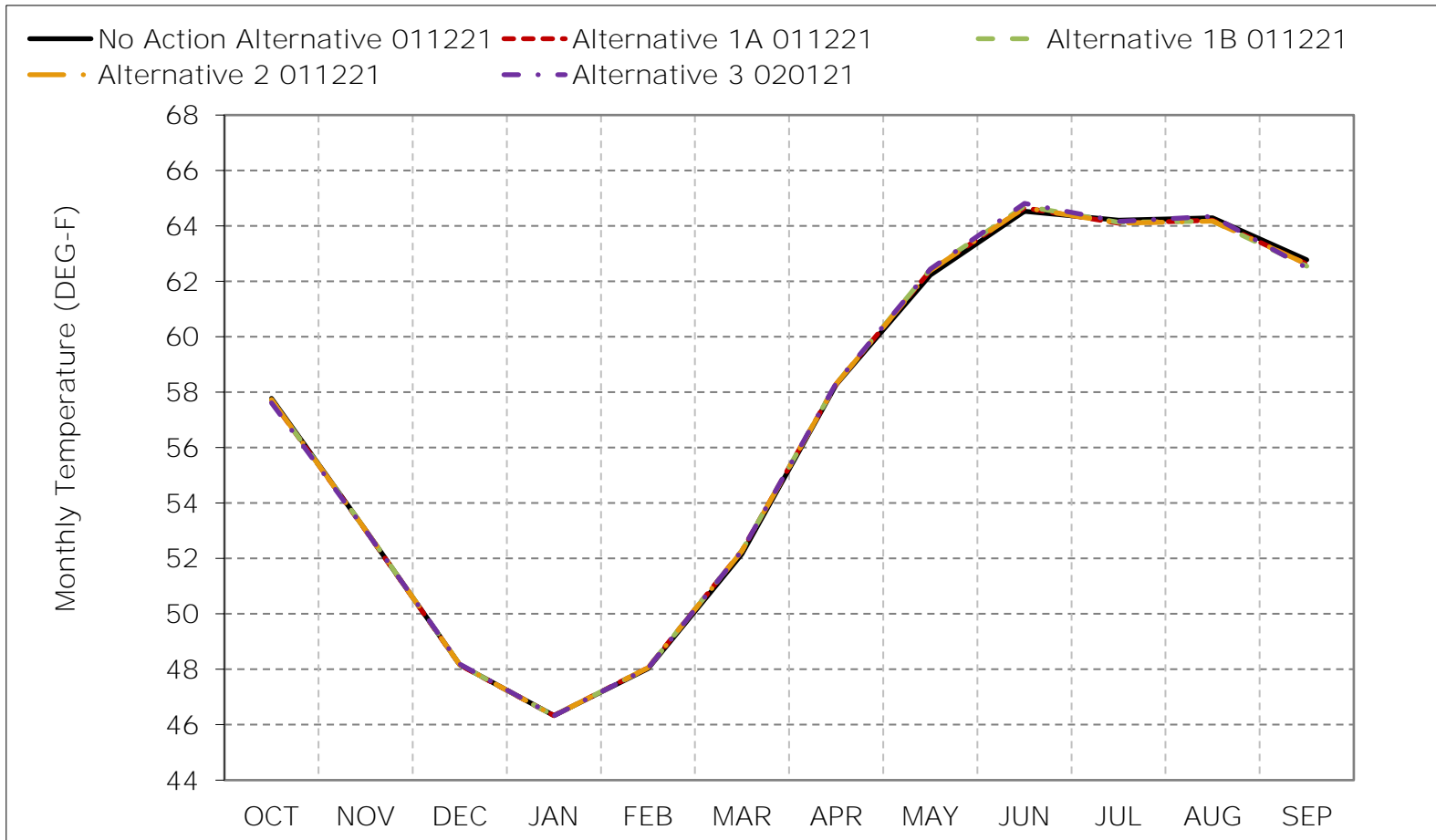
a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-12-1. Sacramento River at Butte City, Long-Term Average Temperature

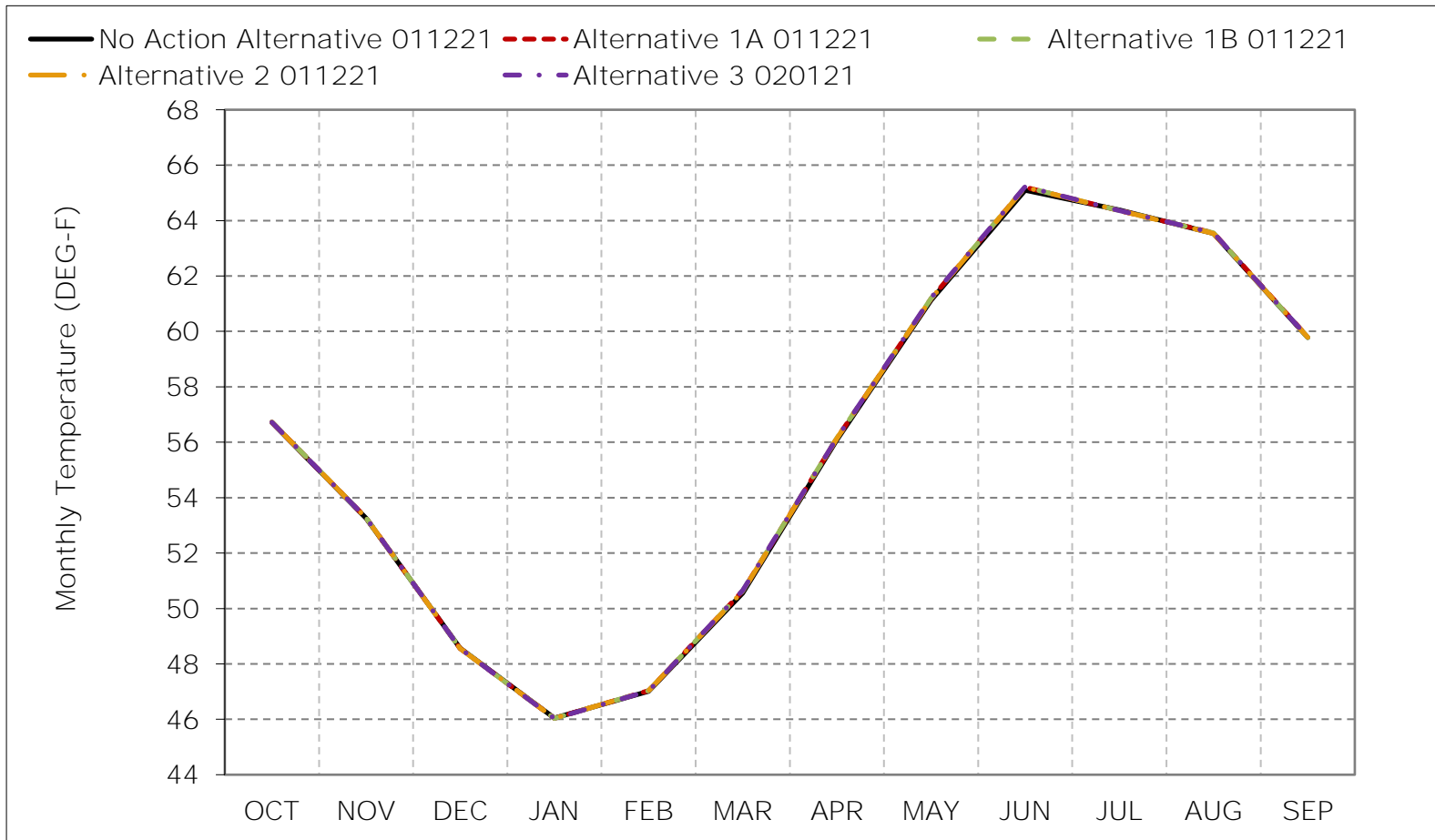


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-12-2. Sacramento River at Butte City, Wet Year Average Temperature

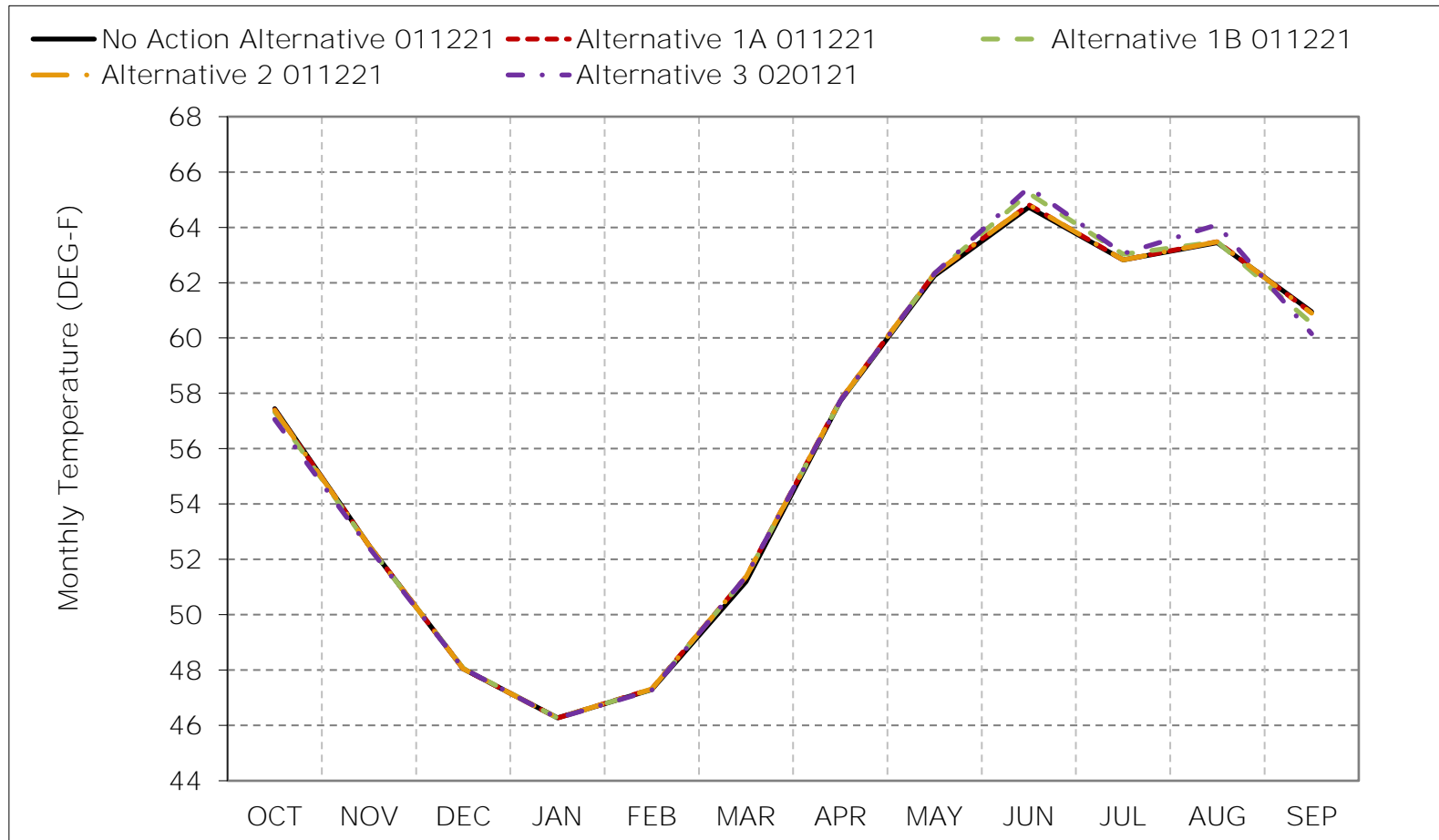


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-12-3. Sacramento River at Butte City, Above Normal Year Average Temperat

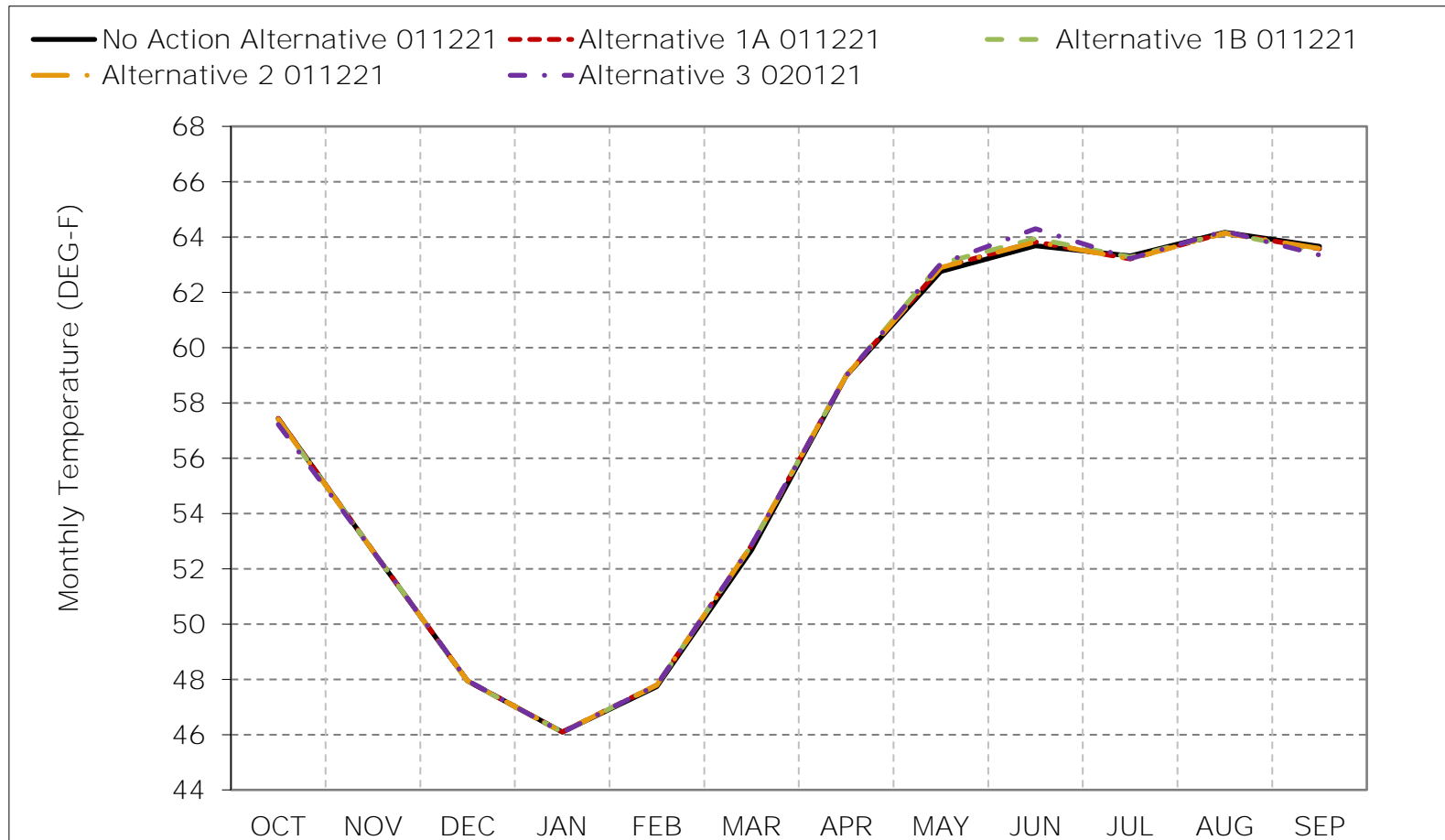


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-12-4. Sacramento River at Butte City, Below Normal Year Average Temperat

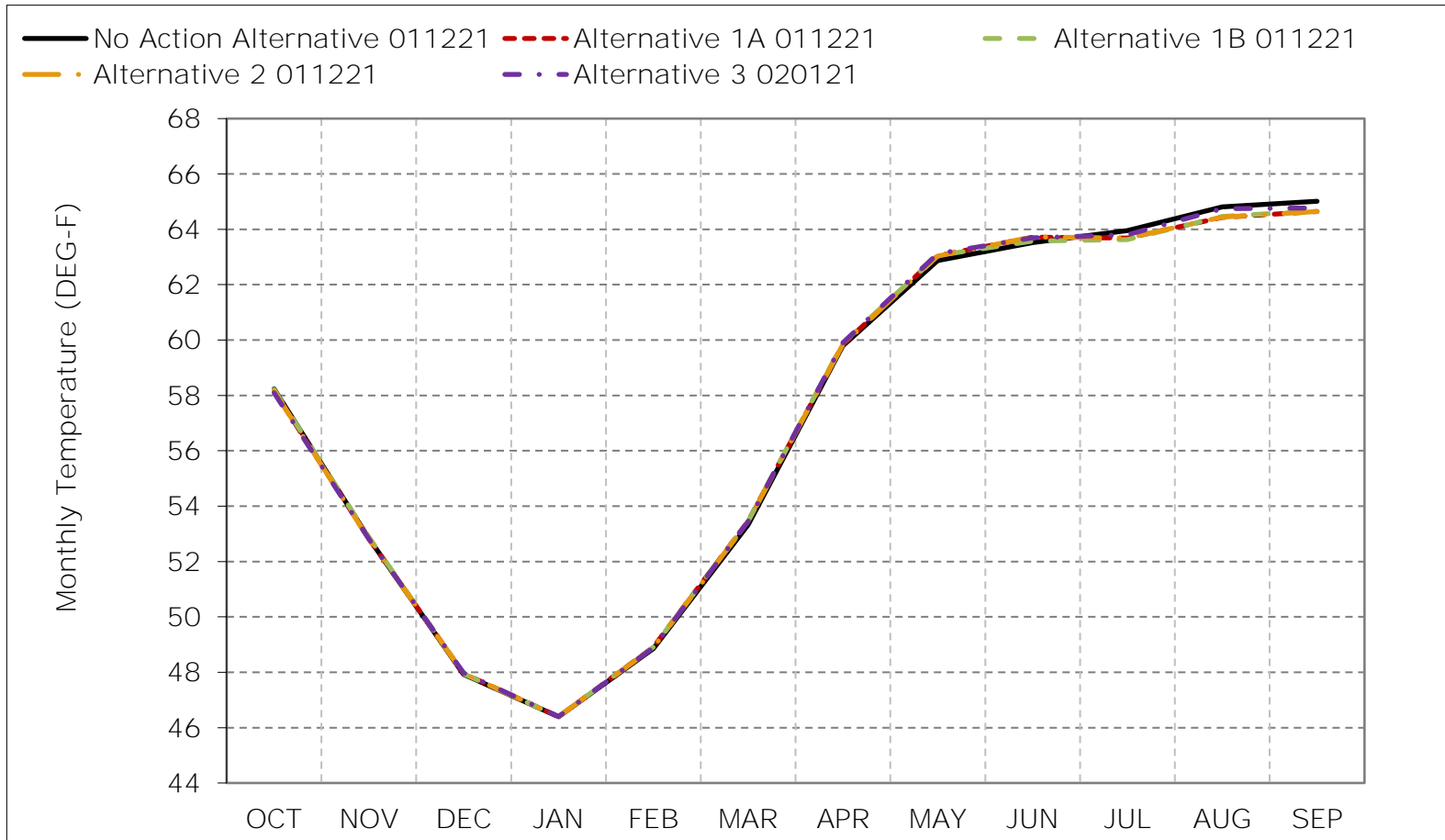


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-12-5. Sacramento River at Butte City, Dry Year Average Temperature

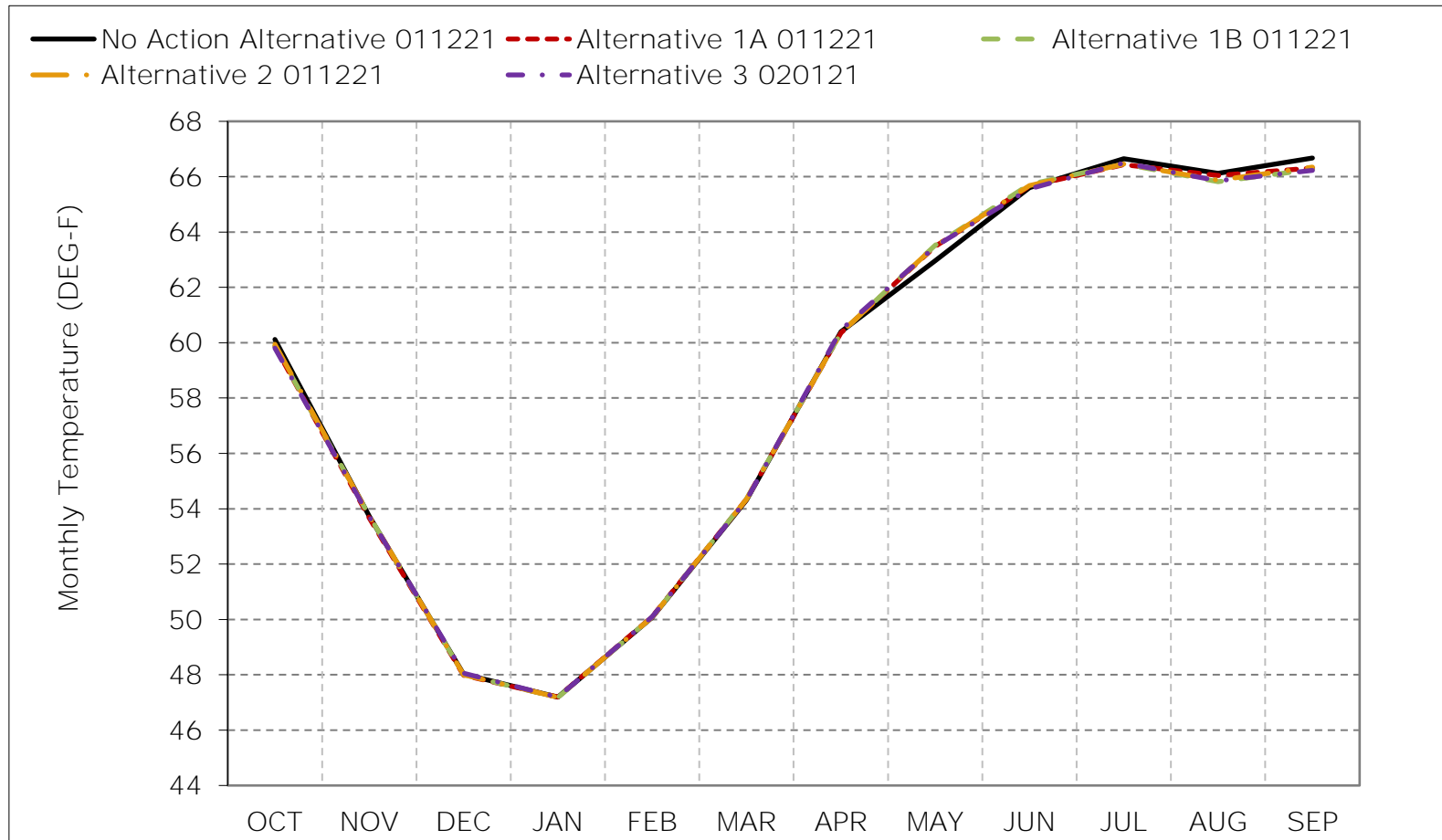


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-12-6. Sacramento River at Butte City, Critical Year Average Temperature

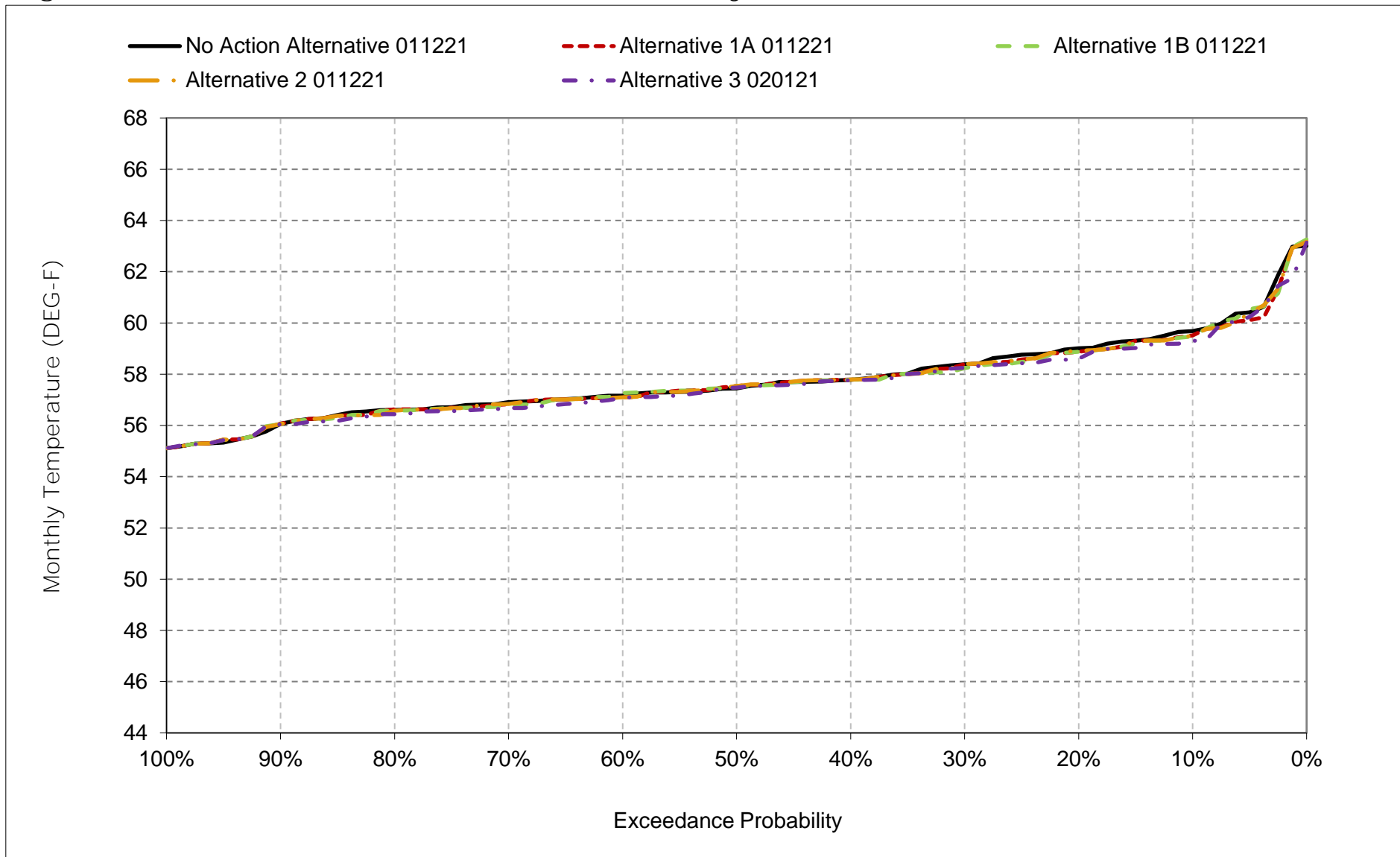


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

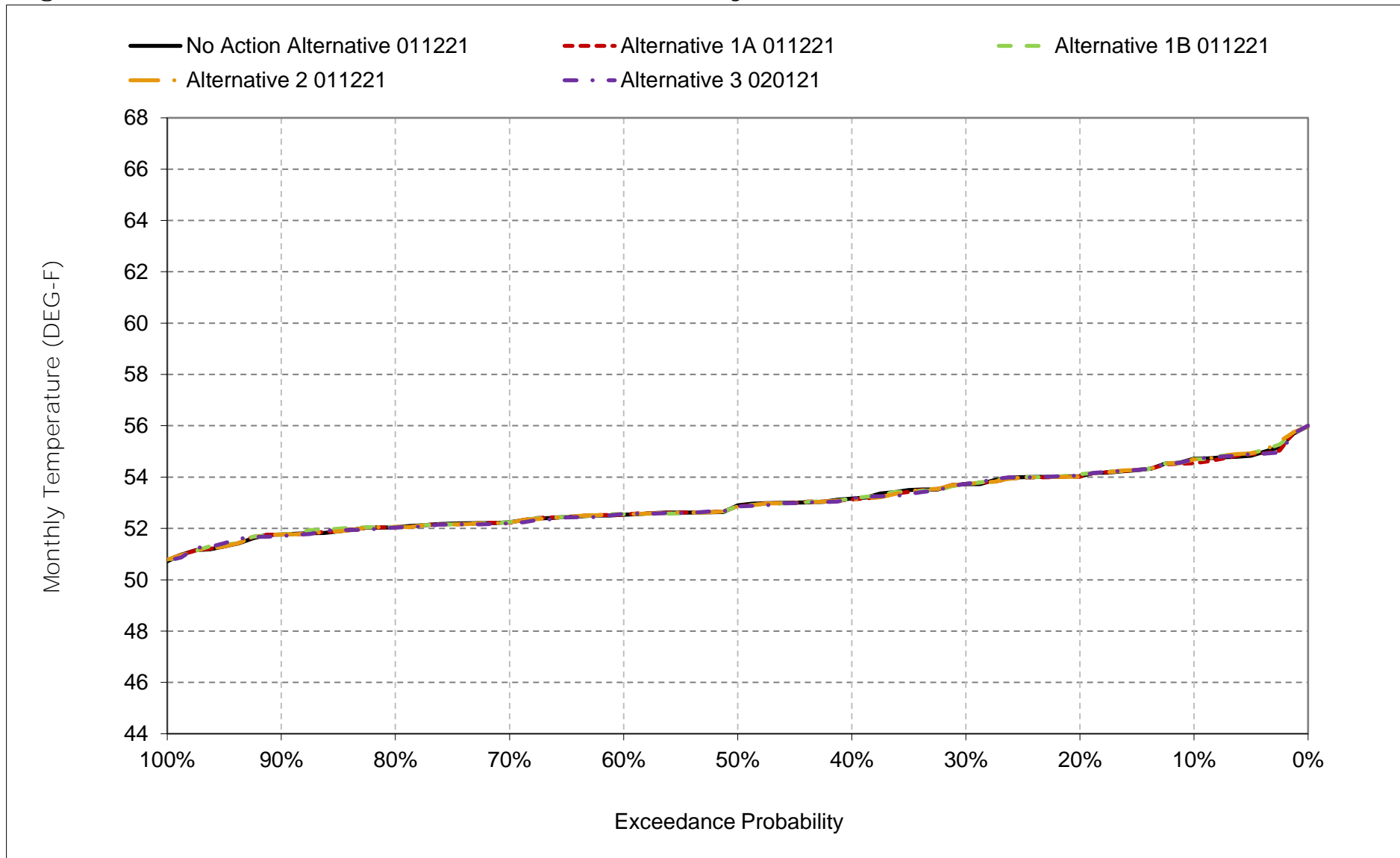
Figure 6C-12-7. Sacramento River at Butte City, October



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

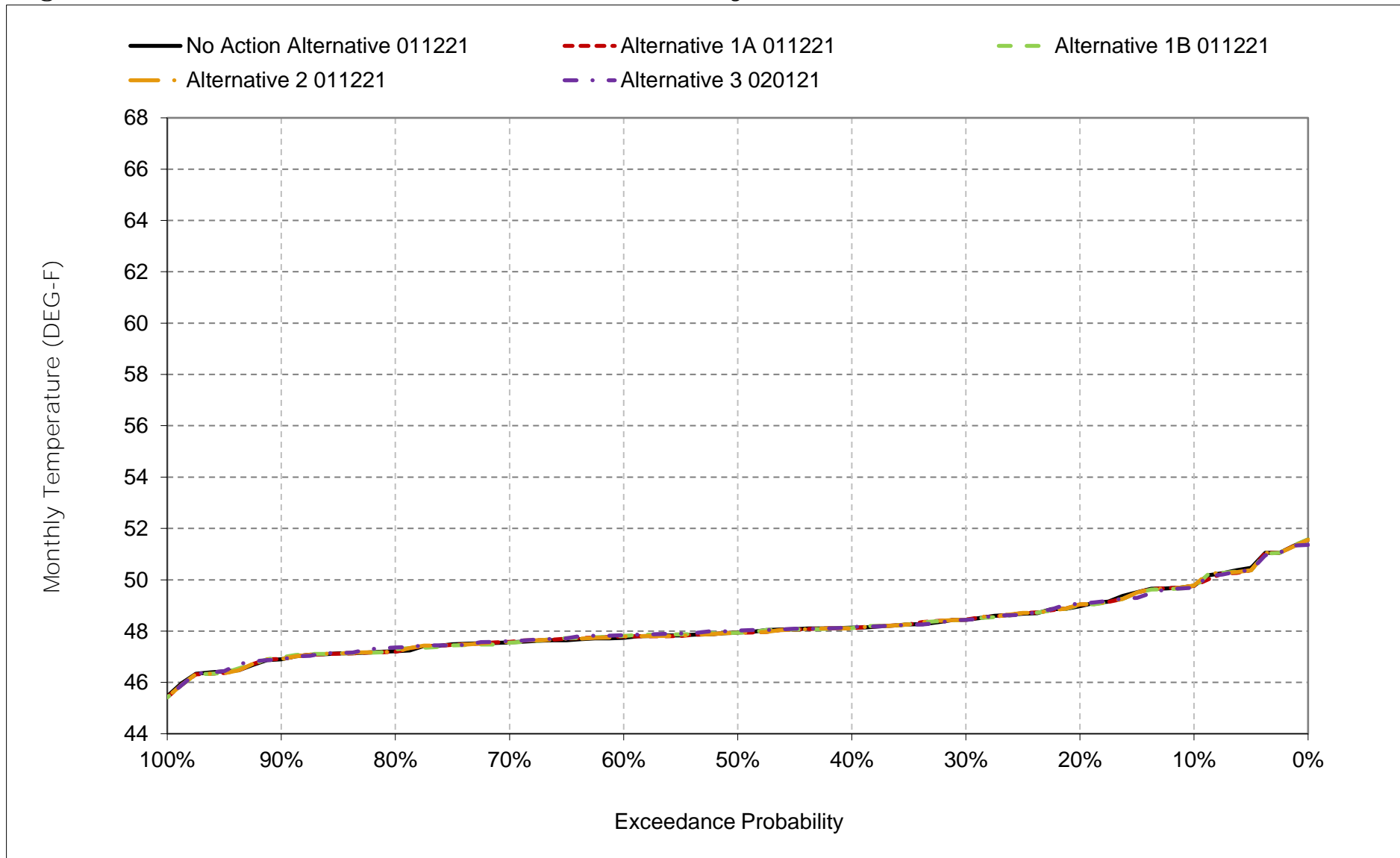


Figure 6C-12-8. Sacramento River at Butte City, November



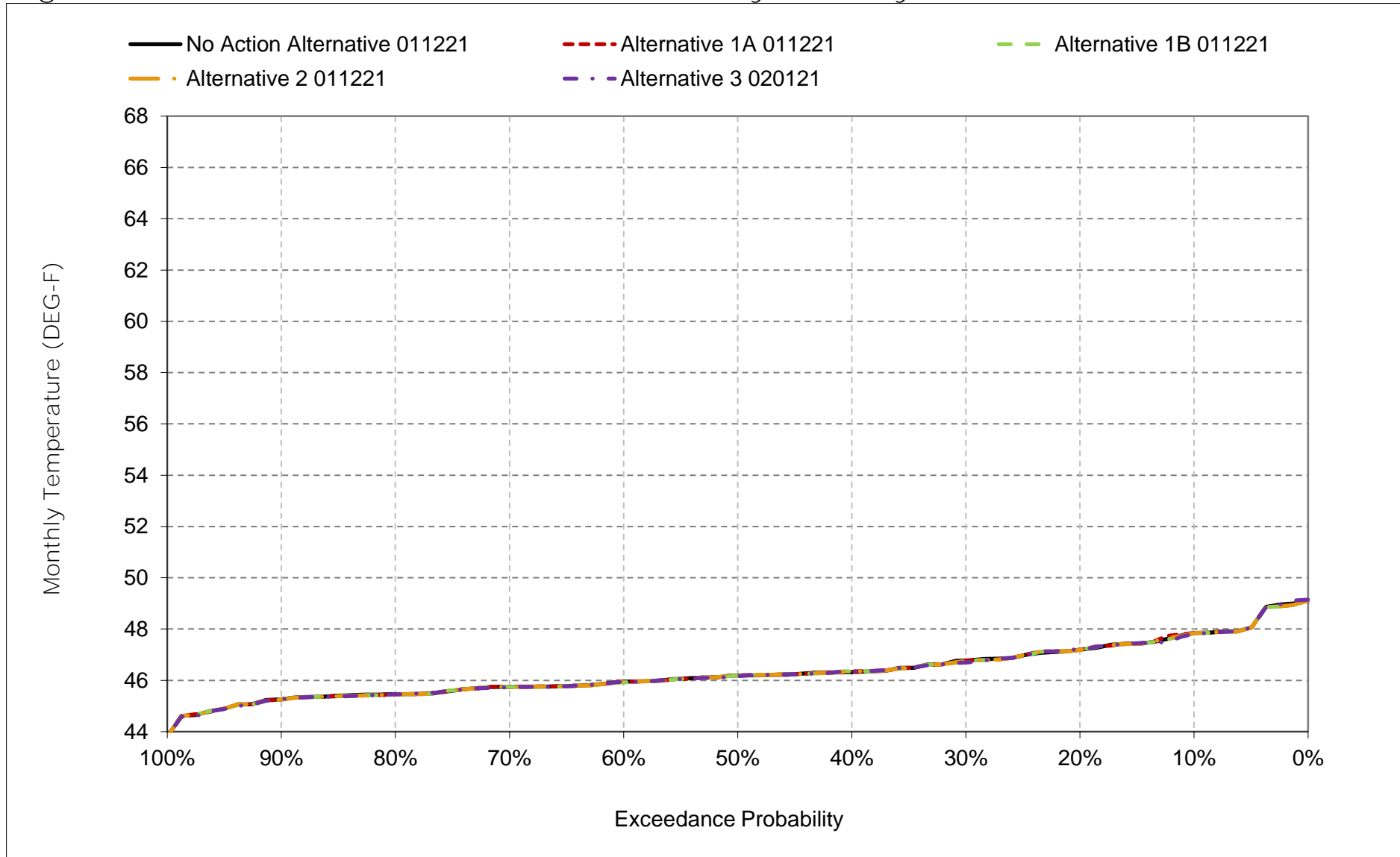
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-12-9. Sacramento River at Butte City, December



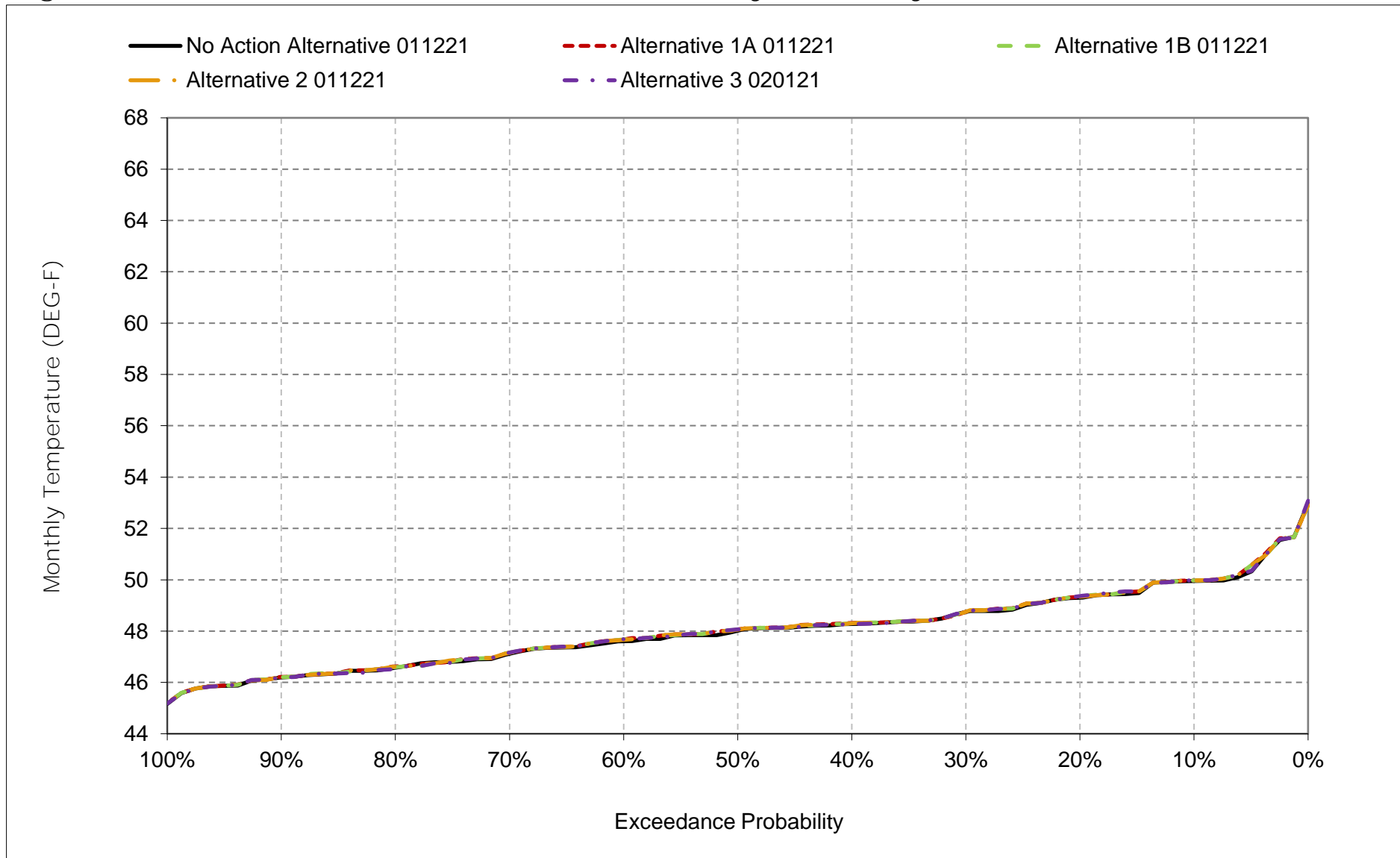
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-12-10. Sacramento River at Butte City, January



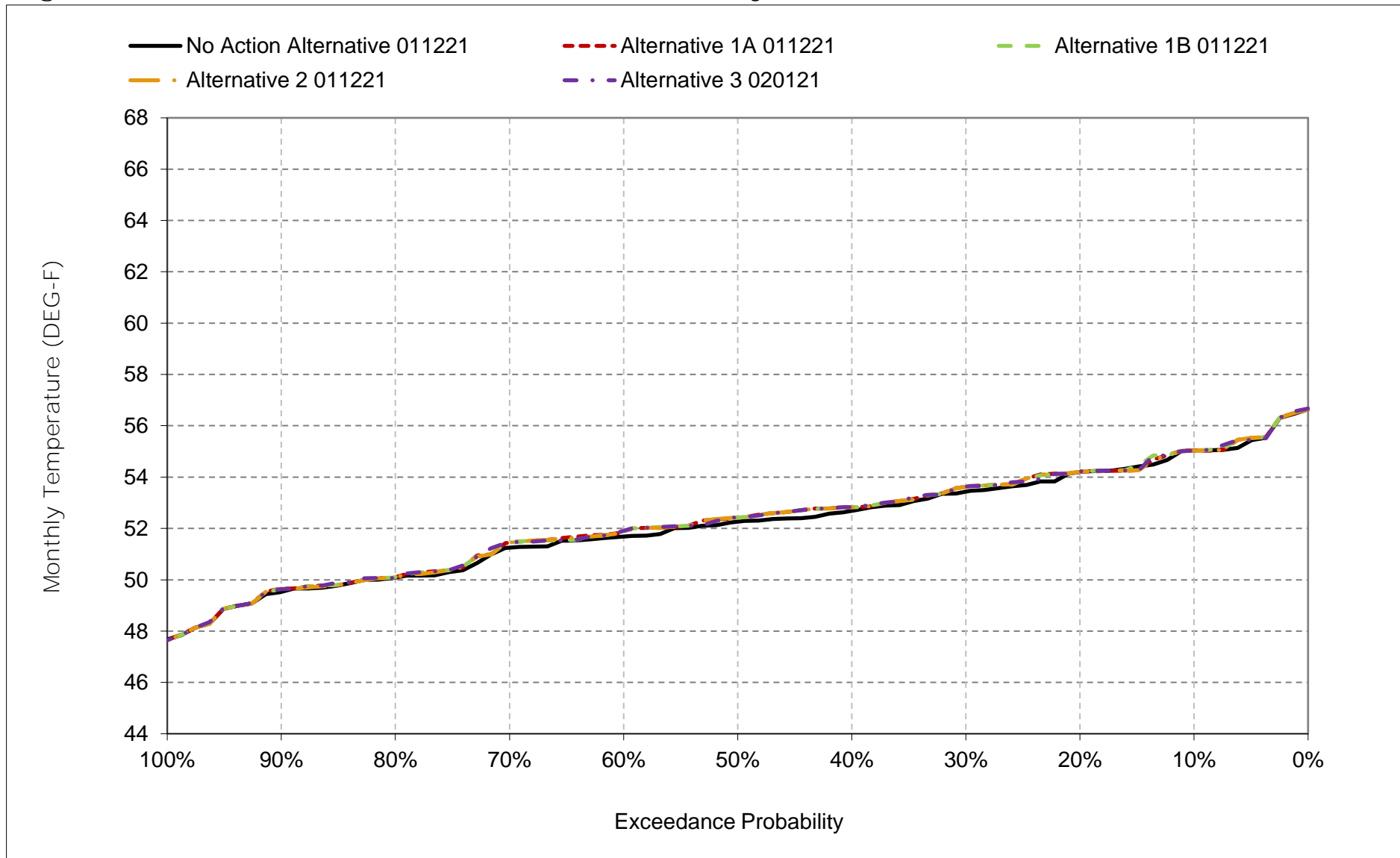
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-12-11. Sacramento River at Butte City, February



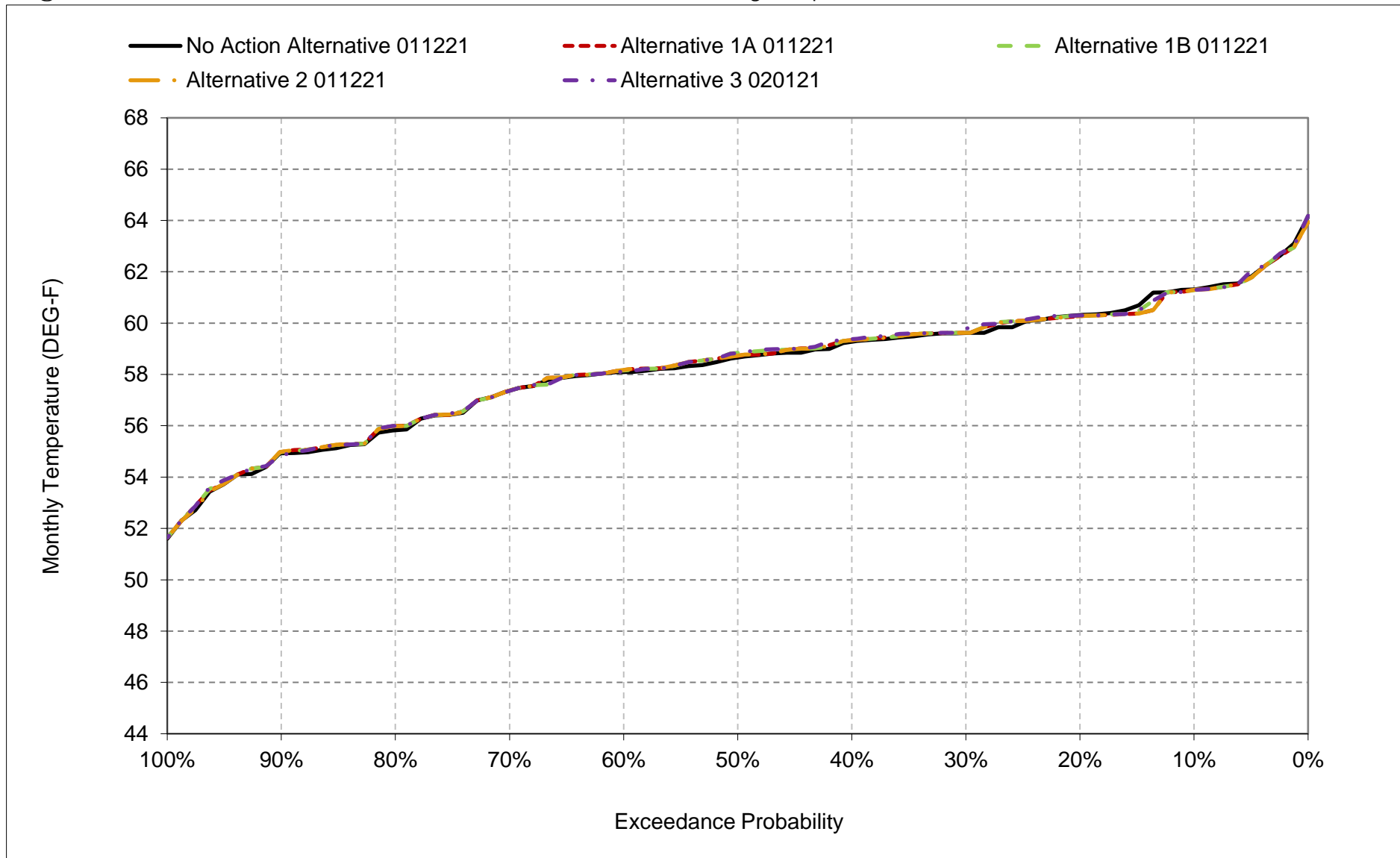
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-12-12. Sacramento River at Butte City, March



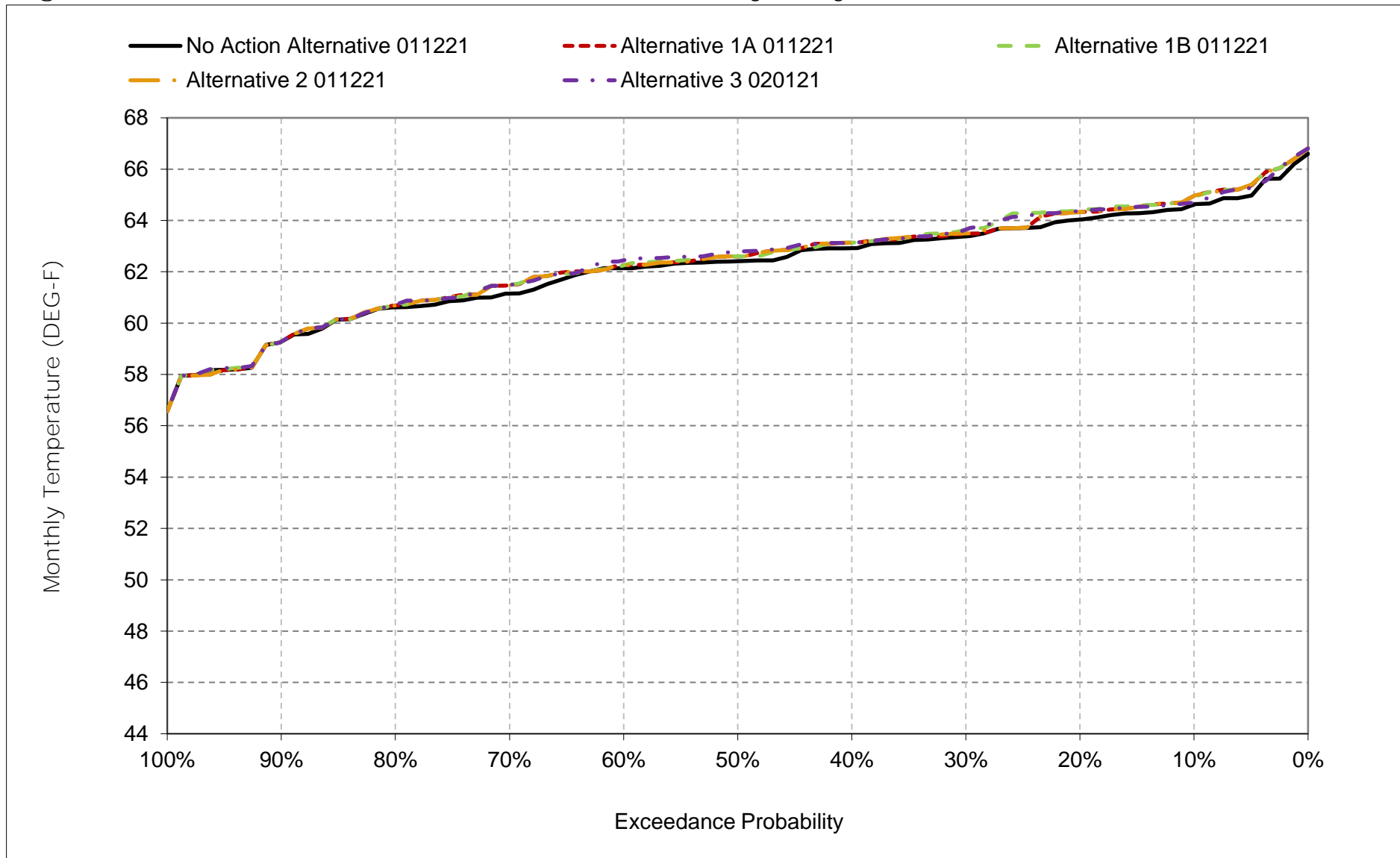
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-12-13. Sacramento River at Butte City, April



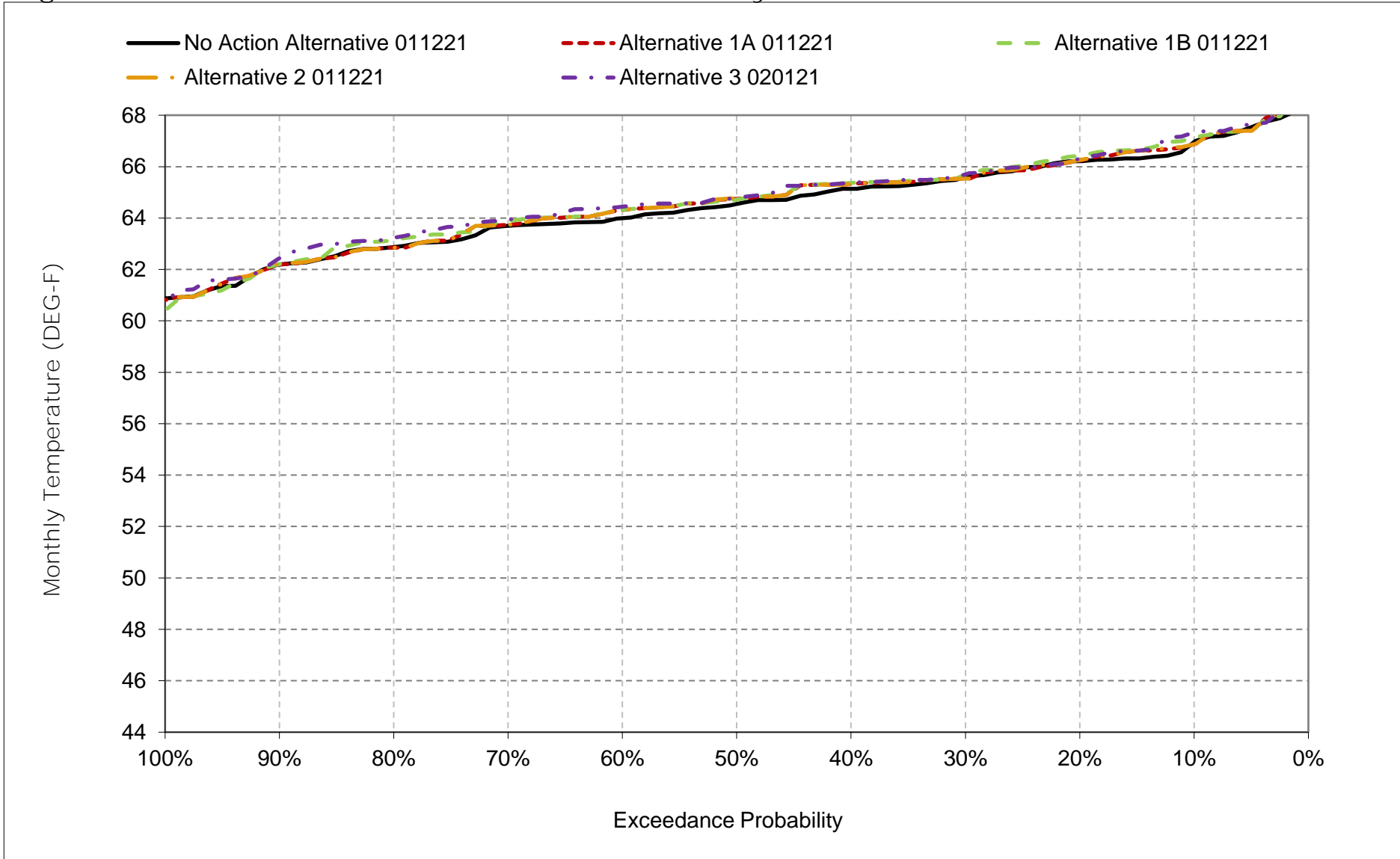
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-12-14. Sacramento River at Butte City, May



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

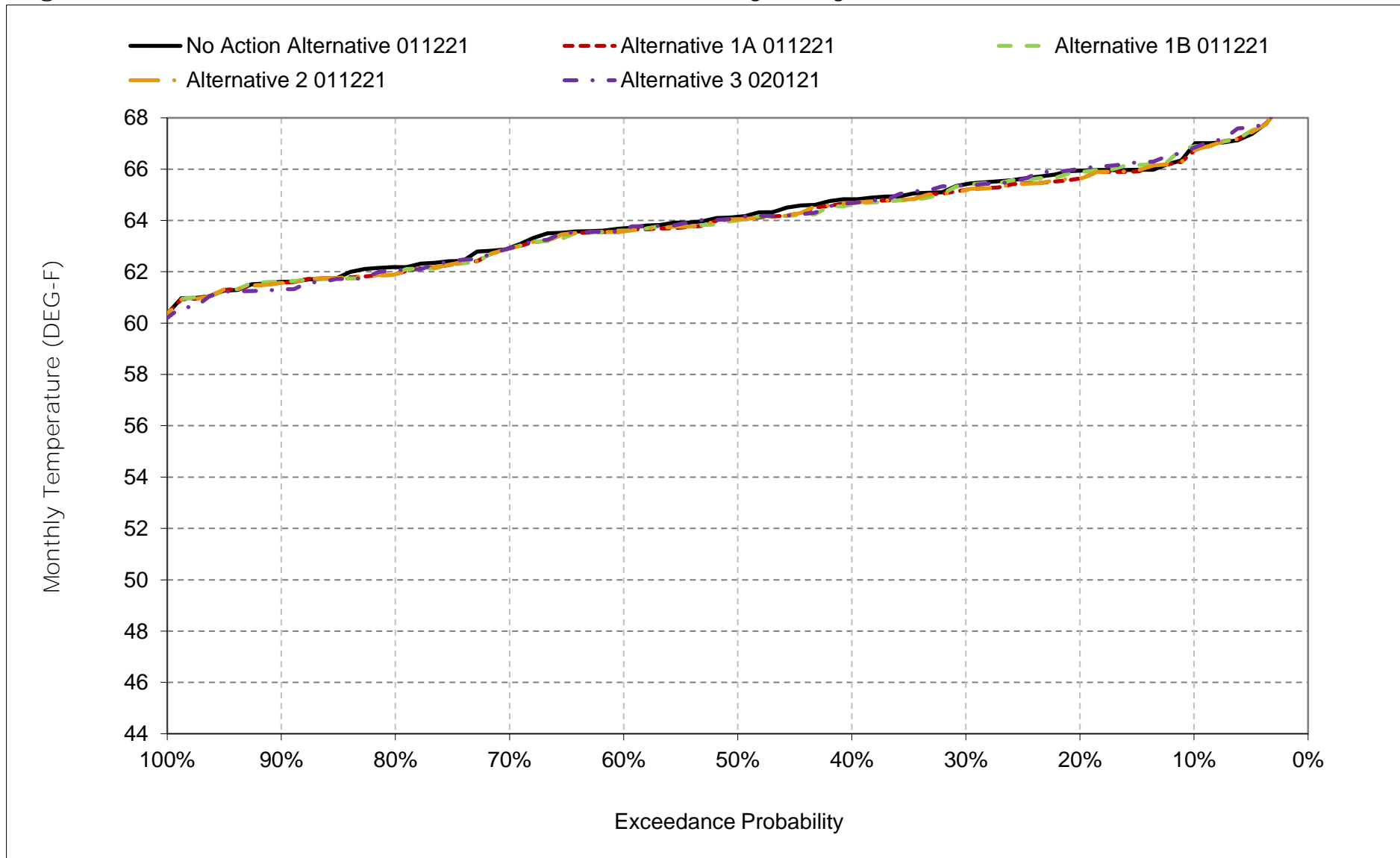
Figure 6C-12-15. Sacramento River at Butte City, June



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

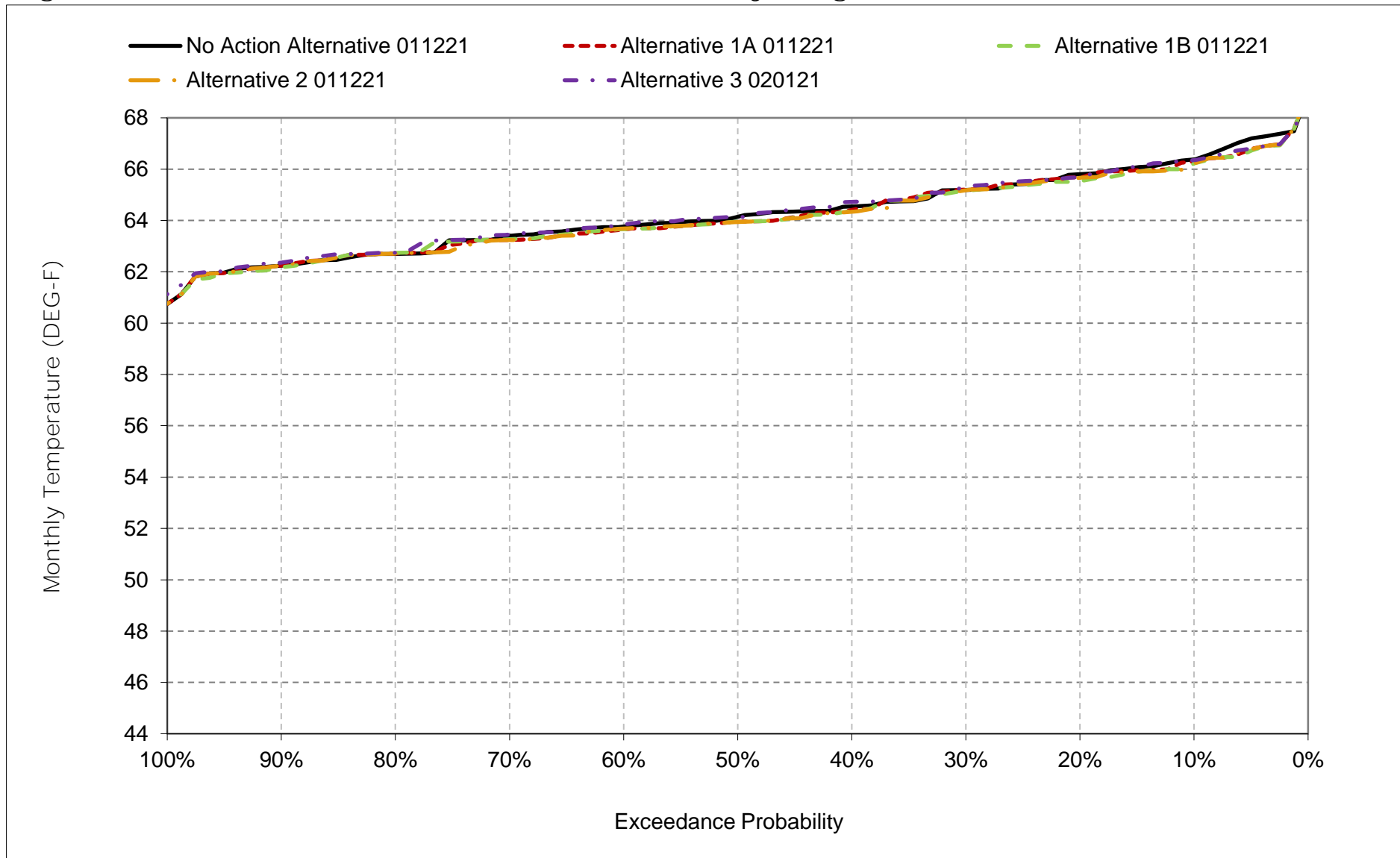


Figure 6C-12-16. Sacramento River at Butte City, July



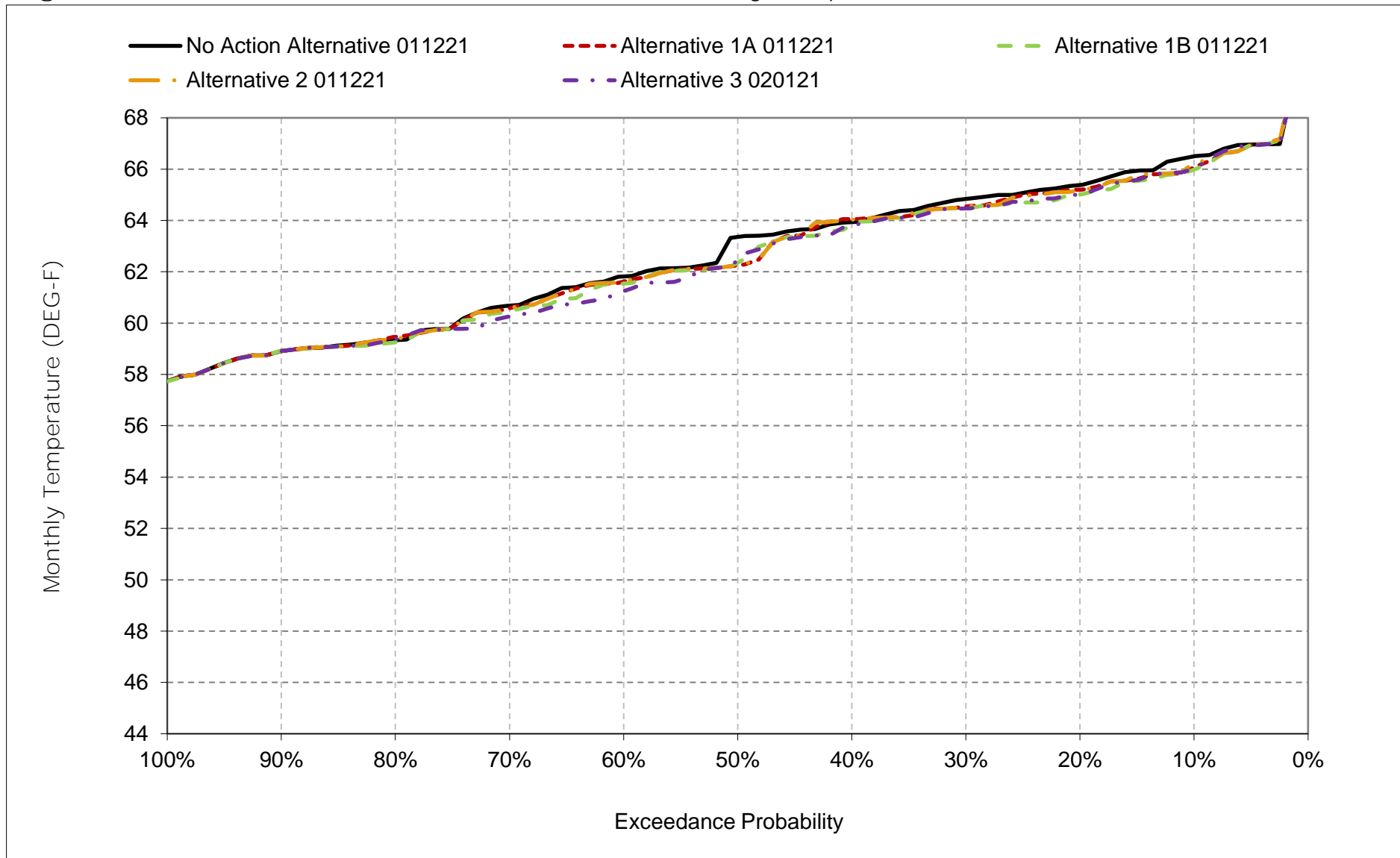
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-12-17. Sacramento River at Butte City, August



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-12-18. Sacramento River at Butte City, September



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-13-1a. American River below Nimbus Dam, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	62.7	56.6	51.6	47.3	47.4	50.7	55.7	60.0	63.6	65.0	63.7	64.6
20%	62.0	56.4	51.0	46.7	46.9	50.3	55.0	58.7	62.4	63.8	63.3	64.3
30%	61.7	56.2	50.1	46.2	46.5	49.9	54.1	57.3	61.5	63.5	62.7	63.9
40%	61.3	55.9	49.7	45.9	46.2	49.5	53.6	56.3	60.7	63.1	62.1	63.3
50%	61.0	55.6	49.3	45.7	46.0	49.3	53.0	55.8	59.3	62.7	61.7	62.8
60%	60.6	55.3	48.9	45.4	45.8	49.1	52.5	55.4	58.7	62.2	61.5	62.3
70%	60.0	55.1	48.3	45.1	45.6	48.8	51.9	55.1	58.3	61.9	61.0	61.9
80%	58.0	54.8	47.7	44.7	45.4	48.5	51.4	54.8	57.7	61.1	60.9	61.5
90%	57.4	54.2	47.3	44.4	45.1	48.1	51.0	54.2	57.4	60.5	59.6	60.7
Long Term												
Full Simulation Period <sup>a</sup>	60.4	55.5	49.4	45.8	46.2	49.4	53.1	56.6	60.0	62.7	61.8	62.7
Water Year Types <sup>b,c</sup>												
Wet (32%)	58.6	56.0	50.5	45.4	45.6	48.7	51.6	54.9	58.1	61.4	60.4	61.2
Above Normal (15%)	60.5	55.3	49.0	46.3	46.3	49.2	52.6	55.6	59.0	62.7	61.2	62.9
Below Normal (17%)	60.6	55.1	48.8	45.9	46.0	49.2	53.5	56.5	59.9	63.1	61.9	62.8
Dry (22%)	62.0	55.5	49.0	45.5	46.3	49.8	54.0	58.1	62.1	62.6	62.7	63.7
Critical (15%)	61.7	55.2	48.7	46.2	47.2	50.9	55.2	59.1	62.3	65.5	63.8	64.1

Table 6C-13-1b. American River below Nimbus Dam, Alternative 1A 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	62.6	56.7	51.6	47.2	47.4	50.6	55.6	60.0	63.7	65.0	63.7	64.6
20%	62.0	56.4	51.0	46.7	47.0	50.3	54.7	58.9	62.6	63.9	63.1	64.4
30%	61.7	56.2	50.2	46.2	46.5	49.9	54.1	57.4	61.6	63.6	62.5	63.8
40%	61.3	55.9	49.8	45.9	46.2	49.5	53.6	56.3	60.8	63.2	62.0	63.3
50%	61.0	55.6	49.4	45.7	46.0	49.3	53.0	55.8	59.2	62.7	61.7	63.0
60%	60.5	55.3	48.9	45.4	45.8	49.1	52.5	55.4	58.6	62.2	61.5	62.3
70%	59.8	55.1	48.3	45.0	45.6	48.8	51.9	55.1	58.3	61.8	61.1	62.0
80%	58.0	54.8	47.8	44.7	45.3	48.6	51.4	54.8	57.7	61.1	60.9	61.5
90%	57.4	54.2	47.2	44.4	45.1	48.1	51.0	54.2	57.4	60.5	59.6	60.7
Long Term												
Full Simulation Period <sup>a</sup>	60.4	55.5	49.4	45.7	46.2	49.4	53.1	56.6	60.1	62.8	61.7	62.7
Water Year Types <sup>b,c</sup>												
Wet (32%)	58.6	56.0	50.5	45.4	45.6	48.7	51.6	54.9	58.1	61.4	60.4	61.2
Above Normal (15%)	60.5	55.3	49.0	46.3	46.3	49.2	52.6	55.6	58.9	62.7	61.3	62.9
Below Normal (17%)	60.6	55.1	48.8	45.9	46.0	49.2	53.5	56.6	59.9	63.1	62.0	62.8
Dry (22%)	61.9	55.6	49.1	45.5	46.3	49.8	54.0	58.2	62.2	62.8	62.4	63.7
Critical (15%)	62.0	55.1	48.7	46.1	47.1	50.8	55.1	59.3	62.5	65.4	63.8	64.3

Table 6C-13-1c. American River below Nimbus Dam, Alternative 1A 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.2	0.0	0.0	0.1
20%	0.0	0.0	0.0	0.0	0.0	0.0	-0.3	0.1	0.2	0.1	-0.1	0.1
30%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.1	-0.2	-0.1
40%	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	0.2	0.1	-0.1	0.0
50%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	0.2
60%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
70%	-0.3	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
80%	0.0	0.0	0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
90%	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry (22%)	-0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.2	-0.3	0.0
Critical (15%)	0.3	0.0	0.0	-0.1	-0.1	-0.1	-0.2	0.2	0.2	-0.1	0.0	0.2

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-13-2a. American River below Nimbus Dam, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	62.7	56.6	51.6	47.3	47.4	50.7	55.7	60.0	63.6	65.0	63.7	64.6
20%	62.0	56.4	51.0	46.7	46.9	50.3	55.0	58.7	62.4	63.8	63.3	64.3
30%	61.7	56.2	50.1	46.2	46.5	49.9	54.1	57.3	61.5	63.5	62.7	63.9
40%	61.3	55.9	49.7	45.9	46.2	49.5	53.6	56.3	60.7	63.1	62.1	63.3
50%	61.0	55.6	49.3	45.7	46.0	49.3	53.0	55.8	59.3	62.7	61.7	62.8
60%	60.6	55.3	48.9	45.4	45.8	49.1	52.5	55.4	58.7	62.2	61.5	62.3
70%	60.0	55.1	48.3	45.1	45.6	48.8	51.9	55.1	58.3	61.9	61.0	61.9
80%	58.0	54.8	47.7	44.7	45.4	48.5	51.4	54.8	57.7	61.1	60.9	61.5
90%	57.4	54.2	47.3	44.4	45.1	48.1	51.0	54.2	57.4	60.5	59.6	60.7
Long Term												
Full Simulation Period <sup>a</sup>	60.4	55.5	49.4	45.8	46.2	49.4	53.1	56.6	60.0	62.7	61.8	62.7
Water Year Types <sup>b,c</sup>												
Wet (32%)	58.6	56.0	50.5	45.4	45.6	48.7	51.6	54.9	58.1	61.4	60.4	61.2
Above Normal (15%)	60.5	55.3	49.0	46.3	46.3	49.2	52.6	55.6	59.0	62.7	61.2	62.9
Below Normal (17%)	60.6	55.1	48.8	45.9	46.0	49.2	53.5	56.5	59.9	63.1	61.9	62.8
Dry (22%)	62.0	55.5	49.0	45.5	46.3	49.8	54.0	58.1	62.1	62.6	62.7	63.7
Critical (15%)	61.7	55.2	48.7	46.2	47.2	50.9	55.2	59.1	62.3	65.5	63.8	64.1

Table 6C-13-2b. American River below Nimbus Dam, Alternative 1B 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	62.7	56.6	51.6	47.2	47.4	50.6	55.7	60.0	64.0	65.2	63.6	64.5
20%	61.8	56.4	51.1	46.7	47.0	50.3	54.8	58.7	62.4	64.0	63.1	64.3
30%	61.6	56.2	50.2	46.3	46.6	49.9	54.2	57.3	61.6	63.6	62.5	63.8
40%	61.3	55.9	49.8	45.9	46.3	49.5	53.6	56.3	60.7	63.2	62.1	63.3
50%	61.0	55.6	49.5	45.7	46.1	49.3	53.0	55.8	59.3	62.8	61.7	62.8
60%	60.6	55.3	49.0	45.5	45.8	49.1	52.5	55.4	58.6	62.3	61.5	62.3
70%	59.8	55.0	48.4	45.1	45.6	48.8	51.9	55.1	58.3	61.8	61.0	61.9
80%	58.0	54.7	47.9	44.7	45.3	48.5	51.4	54.8	57.7	61.1	60.8	61.4
90%	57.4	54.1	47.3	44.4	45.1	48.1	51.0	54.2	57.4	60.4	59.6	60.7
Long Term												
Full Simulation Period <sup>a</sup>	60.4	55.5	49.5	45.8	46.2	49.4	53.2	56.6	60.1	62.8	61.7	62.7
Water Year Types <sup>b,c</sup>												
Wet (32%)	58.6	56.0	50.5	45.4	45.6	48.7	51.6	54.9	58.1	61.4	60.4	61.2
Above Normal (15%)	60.6	55.5	49.1	46.4	46.3	49.2	52.6	55.6	58.9	62.8	61.2	62.7
Below Normal (17%)	60.5	55.1	48.8	45.9	46.0	49.2	53.5	56.6	59.9	63.1	62.0	62.8
Dry (22%)	61.9	55.4	49.1	45.5	46.4	49.8	54.0	58.2	62.3	62.7	62.4	63.7
Critical (15%)	61.9	55.1	48.9	46.2	47.2	50.9	55.3	59.2	62.3	65.4	63.7	64.2

Table 6C-13-2c. American River below Nimbus Dam, Alternative 1B 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.5	0.2	-0.1	-0.1
20%	-0.2	0.0	0.1	0.0	0.0	0.1	-0.2	-0.1	0.0	0.2	-0.2	0.0
30%	-0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	-0.1	-0.1
40%	0.0	0.0	0.0	0.0	0.1	-0.1	0.0	0.0	0.0	0.1	-0.1	0.0
50%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
60%	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
70%	-0.3	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
80%	0.0	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
90%	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	-0.1
Below Normal (17%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Dry (22%)	-0.1	-0.1	0.1	0.0	0.0	-0.1	0.0	0.1	0.2	0.1	-0.3	-0.1
Critical (15%)	0.1	0.0	0.2	0.0	0.0	0.0	0.1	0.1	0.1	-0.1	0.0	0.1

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-13-3a. American River below Nimbus Dam, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	62.7	56.6	51.6	47.3	47.4	50.7	55.7	60.0	63.6	65.0	63.7	64.6
20%	62.0	56.4	51.0	46.7	46.9	50.3	55.0	58.7	62.4	63.8	63.3	64.3
30%	61.7	56.2	50.1	46.2	46.5	49.9	54.1	57.3	61.5	63.5	62.7	63.9
40%	61.3	55.9	49.7	45.9	46.2	49.5	53.6	56.3	60.7	63.1	62.1	63.3
50%	61.0	55.6	49.3	45.7	46.0	49.3	53.0	55.8	59.3	62.7	61.7	62.8
60%	60.6	55.3	48.9	45.4	45.8	49.1	52.5	55.4	58.7	62.2	61.5	62.3
70%	60.0	55.1	48.3	45.1	45.6	48.8	51.9	55.1	58.3	61.9	61.0	61.9
80%	58.0	54.8	47.7	44.7	45.4	48.5	51.4	54.8	57.7	61.1	60.9	61.5
90%	57.4	54.2	47.3	44.4	45.1	48.1	51.0	54.2	57.4	60.5	59.6	60.7
Long Term												
Full Simulation Period <sup>a</sup>	60.4	55.5	49.4	45.8	46.2	49.4	53.1	56.6	60.0	62.7	61.8	62.7
Water Year Types <sup>b,c</sup>												
Wet (32%)	58.6	56.0	50.5	45.4	45.6	48.7	51.6	54.9	58.1	61.4	60.4	61.2
Above Normal (15%)	60.5	55.3	49.0	46.3	46.3	49.2	52.6	55.6	59.0	62.7	61.2	62.9
Below Normal (17%)	60.6	55.1	48.8	45.9	46.0	49.2	53.5	56.5	59.9	63.1	61.9	62.8
Dry (22%)	62.0	55.5	49.0	45.5	46.3	49.8	54.0	58.1	62.1	62.6	62.7	63.7
Critical (15%)	61.7	55.2	48.7	46.2	47.2	50.9	55.2	59.1	62.3	65.5	63.8	64.1

Table 6C-13-3b. American River below Nimbus Dam, Alternative 2 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	62.6	56.7	51.6	47.2	47.4	50.6	55.7	60.0	63.7	65.0	63.7	64.6
20%	61.9	56.4	51.0	46.7	47.0	50.4	54.9	59.0	62.5	63.9	63.1	64.4
30%	61.7	56.2	50.1	46.2	46.5	49.9	54.1	57.4	61.6	63.5	62.5	63.8
40%	61.3	55.9	49.8	45.9	46.2	49.5	53.6	56.3	60.8	63.1	62.0	63.3
50%	61.0	55.6	49.4	45.7	46.1	49.3	53.0	55.8	59.2	62.7	61.7	63.0
60%	60.6	55.3	48.9	45.4	45.8	49.1	52.5	55.4	58.6	62.2	61.5	62.3
70%	59.8	55.1	48.3	45.1	45.6	48.8	51.9	55.1	58.3	61.8	61.1	61.9
80%	58.0	54.8	47.8	44.7	45.3	48.5	51.4	54.8	57.7	61.1	60.9	61.5
90%	57.4	54.2	47.3	44.4	45.1	48.1	51.0	54.2	57.4	60.5	59.6	60.7
Long Term												
Full Simulation Period <sup>a</sup>	60.4	55.5	49.4	45.7	46.2	49.4	53.2	56.6	60.1	62.8	61.7	62.7
Water Year Types <sup>b,c</sup>												
Wet (32%)	58.6	56.0	50.5	45.4	45.6	48.7	51.6	54.9	58.1	61.4	60.4	61.2
Above Normal (15%)	60.5	55.3	49.0	46.3	46.3	49.2	52.6	55.6	58.9	62.7	61.3	62.9
Below Normal (17%)	60.6	55.1	48.8	45.9	46.0	49.2	53.5	56.6	59.9	63.1	62.0	62.8
Dry (22%)	61.9	55.6	49.1	45.5	46.3	49.8	54.0	58.2	62.2	62.8	62.4	63.7
Critical (15%)	61.8	55.1	48.8	46.2	47.1	50.9	55.3	59.2	62.4	65.4	63.8	64.2

Table 6C-13-3c. American River below Nimbus Dam, Alternative 2 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.1	0.0
20%	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.1	0.1	-0.1	0.1
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	-0.2	-0.1
40%	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.2	0.0	-0.1	0.0
50%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.2
60%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70%	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
80%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Below Normal (17%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry (22%)	-0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	-0.3	0.0
Critical (15%)	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.1	-0.1	0.0	0.1

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-13-4a. American River below Nimbus Dam, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	62.7	56.6	51.6	47.3	47.4	50.7	55.7	60.0	63.6	65.0	63.7	64.6
20%	62.0	56.4	51.0	46.7	46.9	50.3	55.0	58.7	62.4	63.8	63.3	64.3
30%	61.7	56.2	50.1	46.2	46.5	49.9	54.1	57.3	61.5	63.5	62.7	63.9
40%	61.3	55.9	49.7	45.9	46.2	49.5	53.6	56.3	60.7	63.1	62.1	63.3
50%	61.0	55.6	49.3	45.7	46.0	49.3	53.0	55.8	59.3	62.7	61.7	62.8
60%	60.6	55.3	48.9	45.4	45.8	49.1	52.5	55.4	58.7	62.2	61.5	62.3
70%	60.0	55.1	48.3	45.1	45.6	48.8	51.9	55.1	58.3	61.9	61.0	61.9
80%	58.0	54.8	47.7	44.7	45.4	48.5	51.4	54.8	57.7	61.1	60.9	61.5
90%	57.4	54.2	47.3	44.4	45.1	48.1	51.0	54.2	57.4	60.5	59.6	60.7
Long Term												
Full Simulation Period <sup>a</sup>	60.4	55.5	49.4	45.8	46.2	49.4	53.1	56.6	60.0	62.7	61.8	62.7
Water Year Types <sup>b,c</sup>												
Wet (32%)	58.6	56.0	50.5	45.4	45.6	48.7	51.6	54.9	58.1	61.4	60.4	61.2
Above Normal (15%)	60.5	55.3	49.0	46.3	46.3	49.2	52.6	55.6	59.0	62.7	61.2	62.9
Below Normal (17%)	60.6	55.1	48.8	45.9	46.0	49.2	53.5	56.5	59.9	63.1	61.9	62.8
Dry (22%)	62.0	55.5	49.0	45.5	46.3	49.8	54.0	58.1	62.1	62.6	62.7	63.7
Critical (15%)	61.7	55.2	48.7	46.2	47.2	50.9	55.2	59.1	62.3	65.5	63.8	64.1

Table 6C-13-4b. American River below Nimbus Dam, Alternative 3 020121, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	62.6	56.7	51.7	47.2	47.4	50.7	55.4	60.1	63.8	65.2	63.5	64.9
20%	61.8	56.4	51.0	46.7	47.0	50.3	54.7	59.1	62.3	63.9	62.7	64.3
30%	61.7	56.2	50.2	46.3	46.6	50.0	54.2	57.2	61.5	63.5	62.5	63.8
40%	61.3	56.0	49.8	46.1	46.3	49.5	53.6	56.3	60.6	63.1	62.1	63.1
50%	60.9	55.6	49.4	45.9	46.1	49.2	53.0	55.8	59.2	62.6	61.9	62.5
60%	60.3	55.4	49.1	45.5	45.8	49.1	52.4	55.4	58.6	62.3	61.5	62.1
70%	59.6	55.1	48.7	45.2	45.6	48.8	51.9	55.0	58.3	61.8	61.1	61.9
80%	58.0	54.8	47.9	44.9	45.4	48.6	51.4	54.8	57.7	61.1	60.9	61.2
90%	57.4	54.5	47.5	44.4	45.2	48.1	51.0	54.2	57.4	60.5	59.6	60.6
Long Term												
Full Simulation Period <sup>a</sup>	60.4	55.6	49.5	45.8	46.2	49.4	53.1	56.6	60.0	62.7	61.7	62.6
Water Year Types <sup>b,c</sup>												
Wet (32%)	58.6	56.0	50.5	45.5	45.7	48.7	51.6	54.9	58.1	61.4	60.4	61.2
Above Normal (15%)	60.3	55.6	49.3	46.4	46.3	49.2	52.6	55.6	58.8	62.9	61.3	62.6
Below Normal (17%)	60.4	55.2	49.1	45.9	46.0	49.2	53.5	56.5	59.8	62.9	62.0	62.8
Dry (22%)	61.8	55.6	49.3	45.8	46.5	49.8	54.0	58.2	62.1	62.8	62.3	63.5
Critical (15%)	62.0	55.2	48.6	46.1	47.2	50.9	55.0	59.3	62.4	65.2	63.7	64.1

Table 6C-13-4c. American River below Nimbus Dam, Alternative 3 020121 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	-0.1	0.0	0.1	0.0	0.0	0.0	-0.3	0.1	0.2	0.2	-0.1	0.3
20%	-0.2	0.0	0.1	0.0	0.1	0.1	-0.3	0.4	0.0	0.1	-0.5	0.0
30%	0.0	0.0	0.1	0.1	0.1	0.0	0.1	-0.1	0.1	0.0	-0.2	-0.1
40%	0.0	0.1	0.0	0.1	0.1	0.0	0.1	0.0	-0.1	0.0	0.0	-0.2
50%	-0.1	0.0	0.1	0.2	0.0	0.0	0.0	0.0	-0.1	-0.1	0.2	-0.3
60%	-0.3	0.1	0.2	0.2	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	-0.1
70%	-0.5	0.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0
80%	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3
90%	0.0	0.3	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	-0.1	0.1	0.2	0.1	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	-0.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	-0.2	0.3	0.3	0.1	0.0	0.0	0.0	0.0	-0.2	0.3	0.0	-0.3
Below Normal (17%)	-0.3	0.1	0.3	0.1	0.0	0.0	0.0	0.0	-0.1	-0.2	0.1	0.0
Dry (22%)	-0.2	0.1	0.3	0.3	0.1	0.0	0.0	0.1	0.0	0.2	-0.4	-0.2
Critical (15%)	0.2	0.0	-0.1	0.0	0.0	0.0	-0.2	0.2	0.1	-0.3	-0.1	0.0

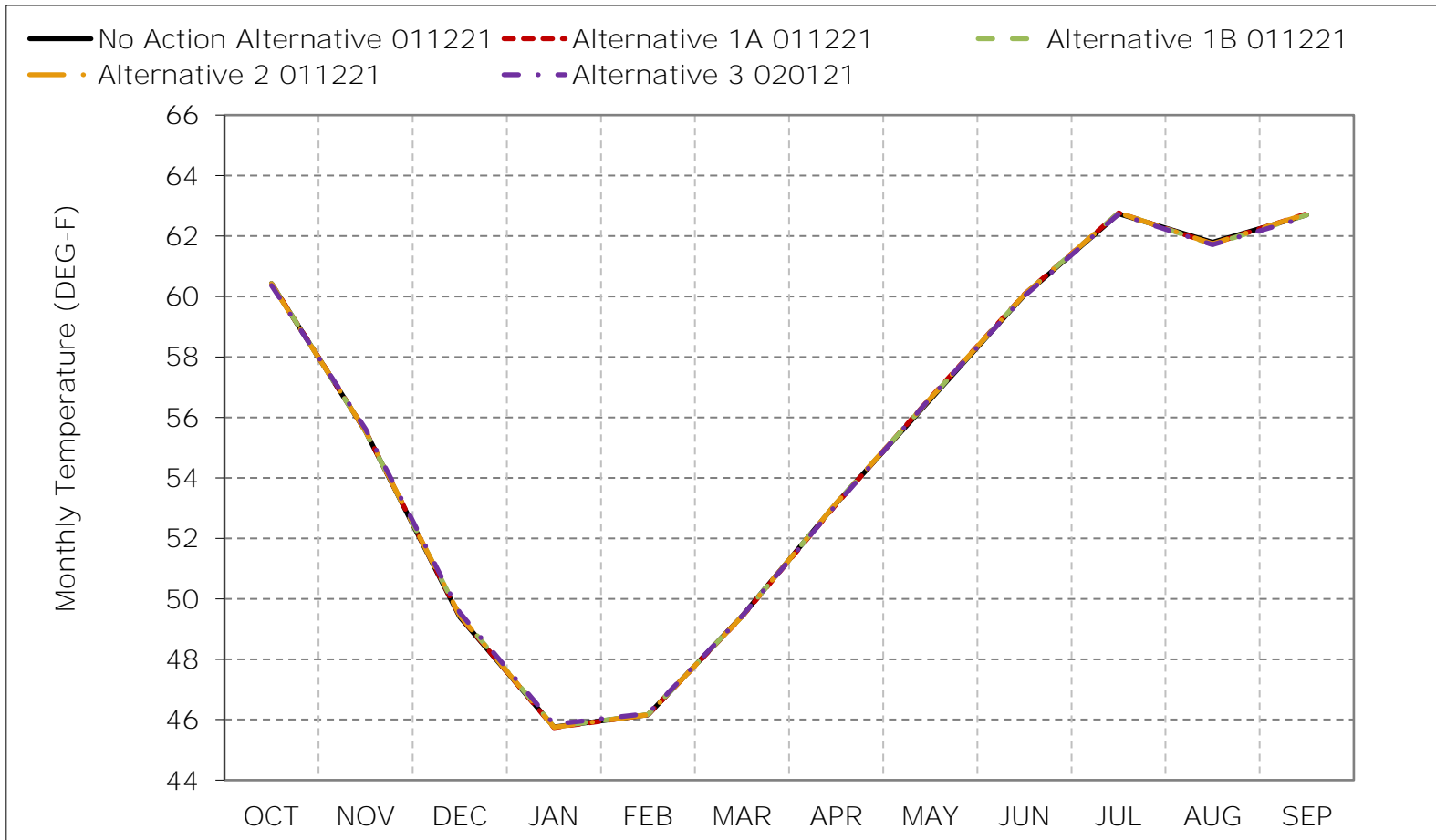
a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-13-1. American River below Nimbus Dam, Long-Term Average Temperature



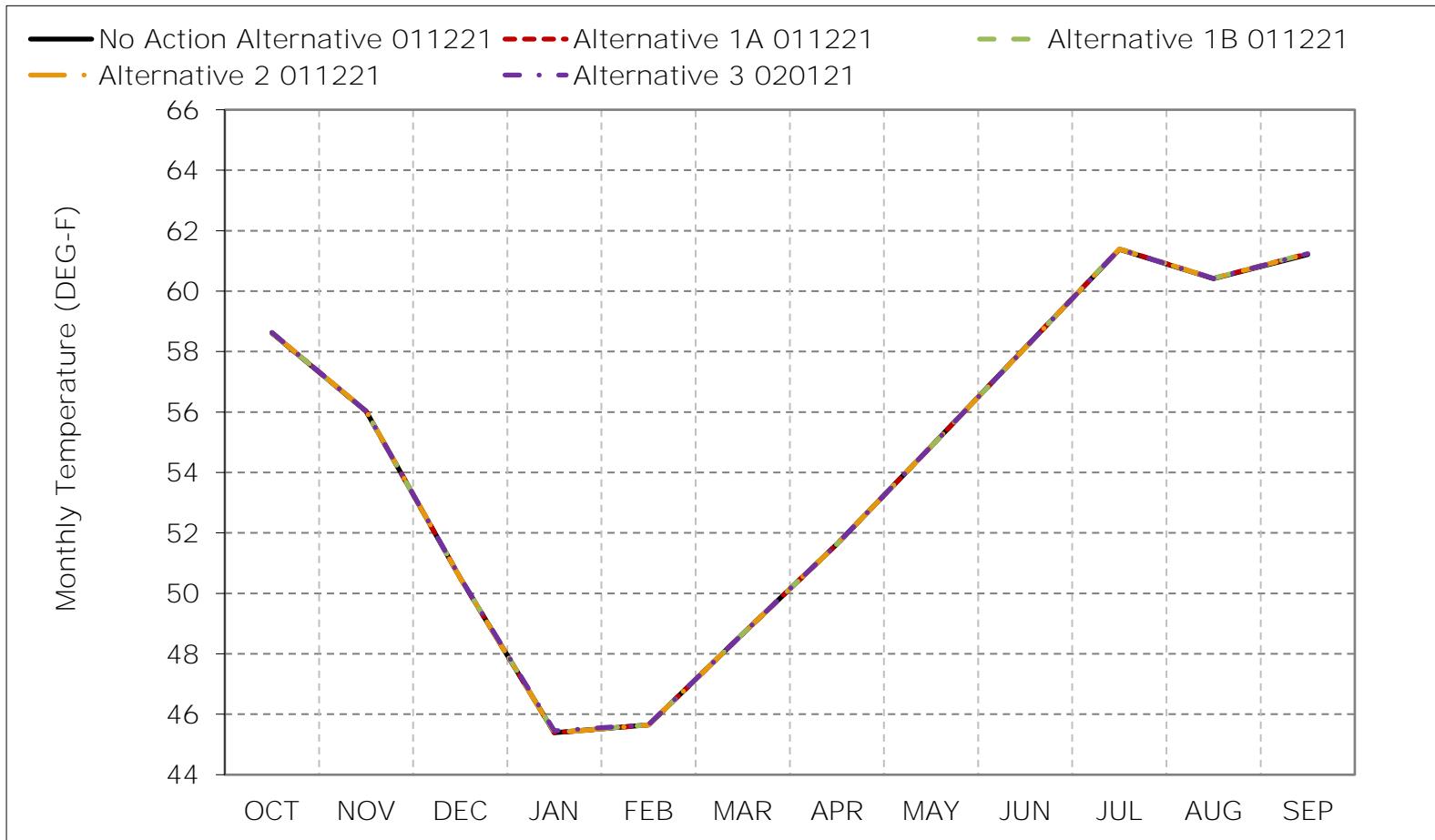
\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.



Figure 6C-13-2. American River below Nimbus Dam, Wet Year Average Temperature

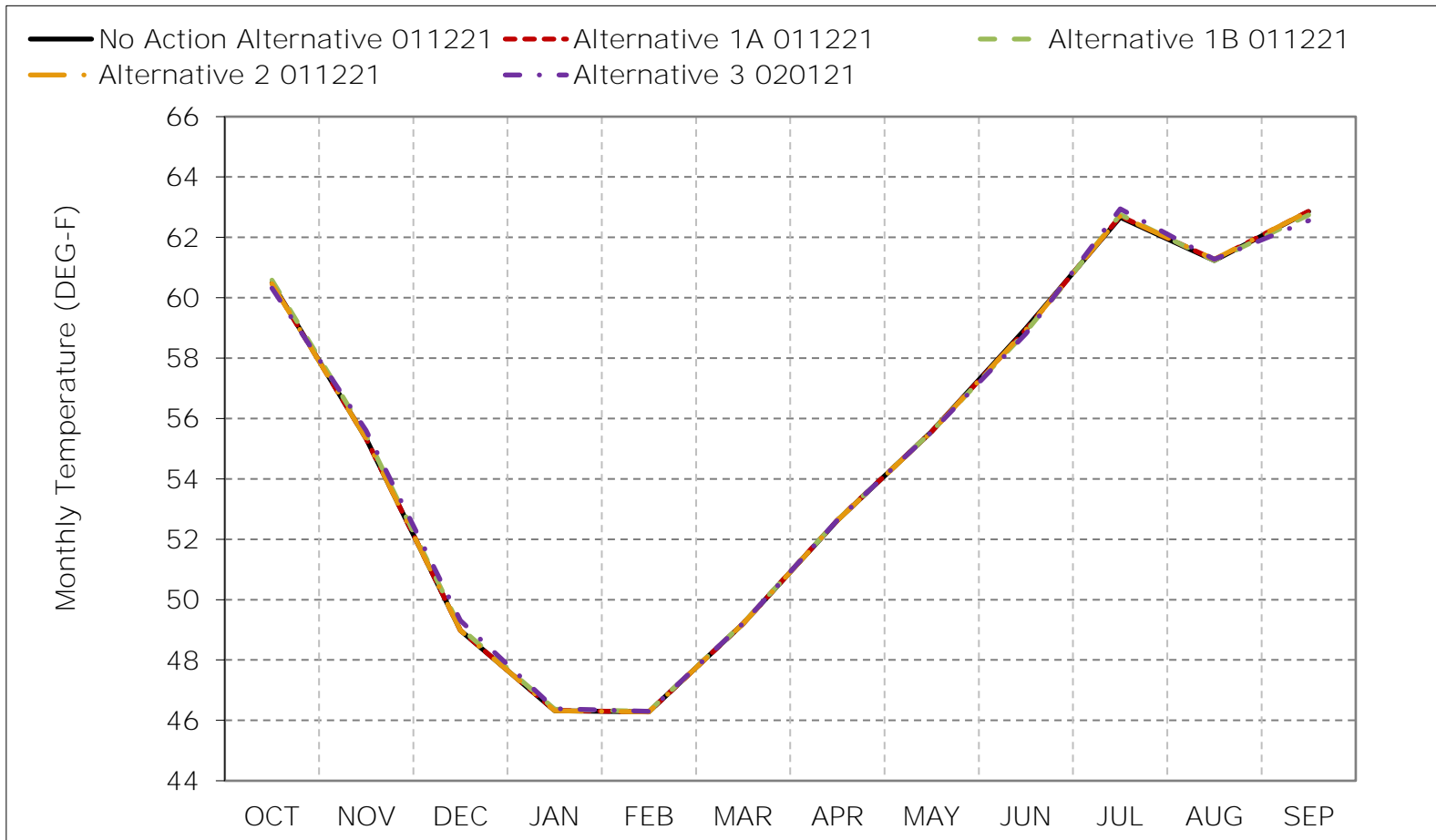


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-13-3. American River below Nimbus Dam, Above Normal Year Average Temperat

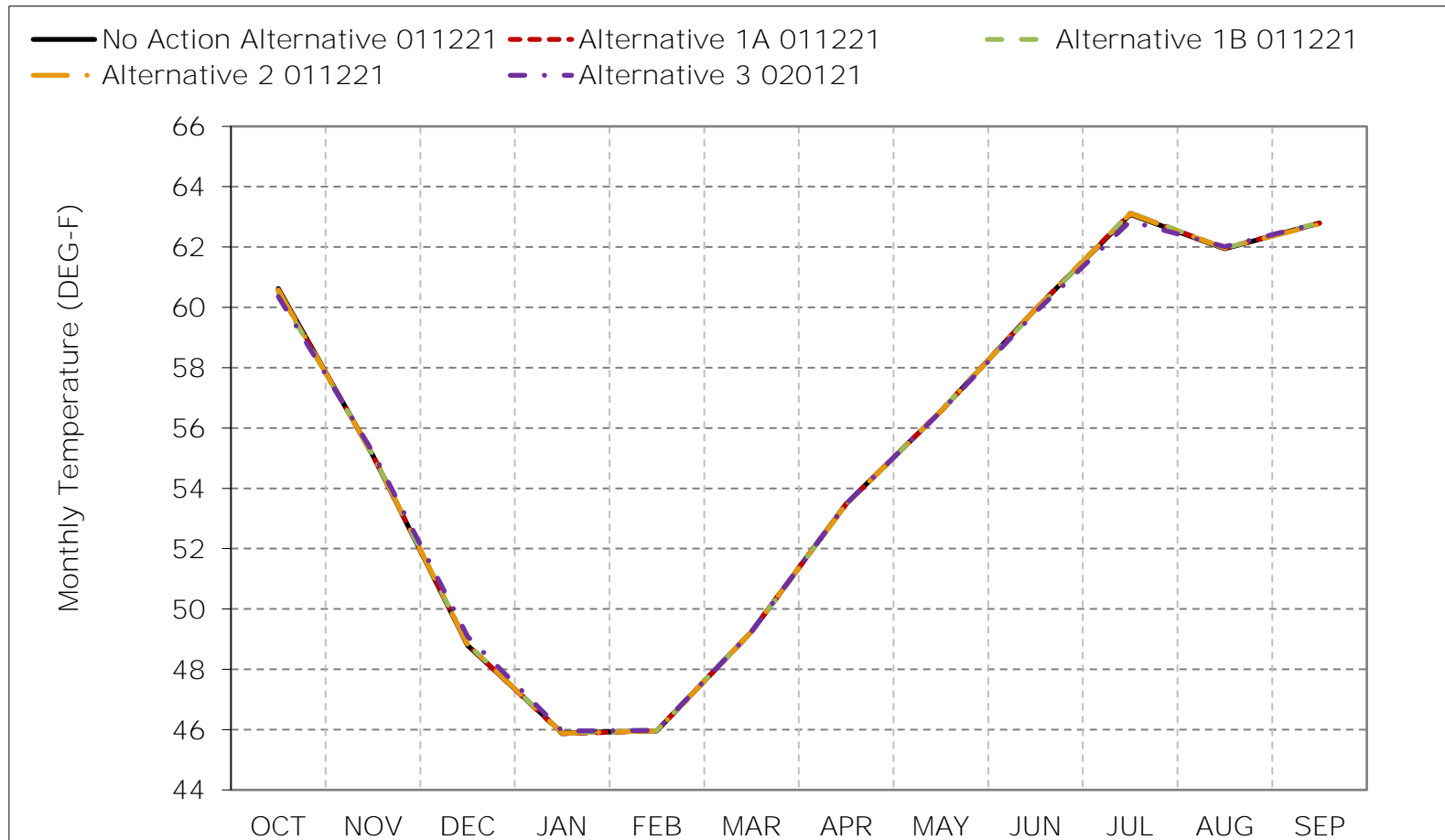


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-13-4. American River below Nimbus Dam, Below Normal Year Average Temperat

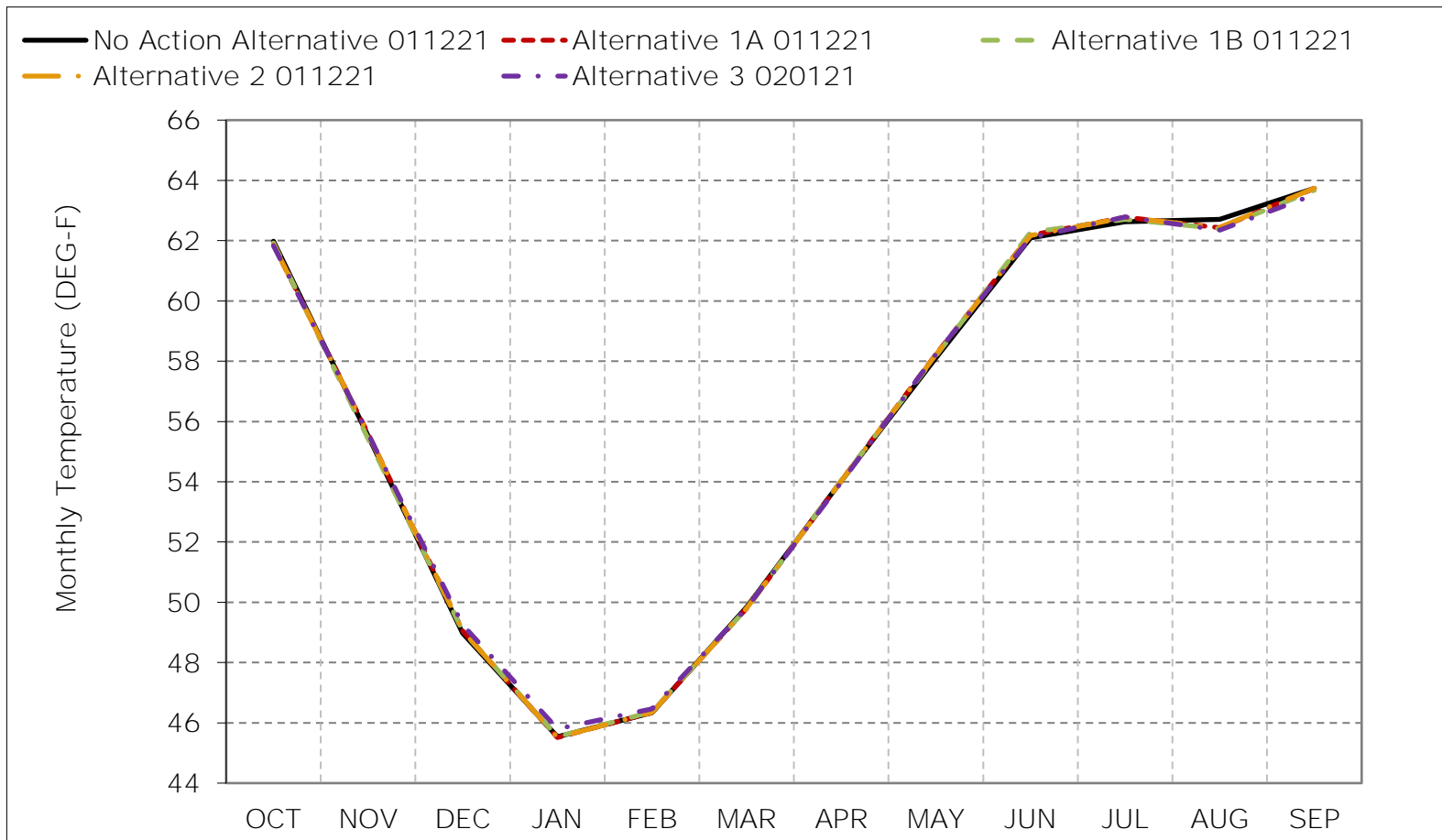


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-13-5. American River below Nimbus Dam, Dry Year Average Temperature

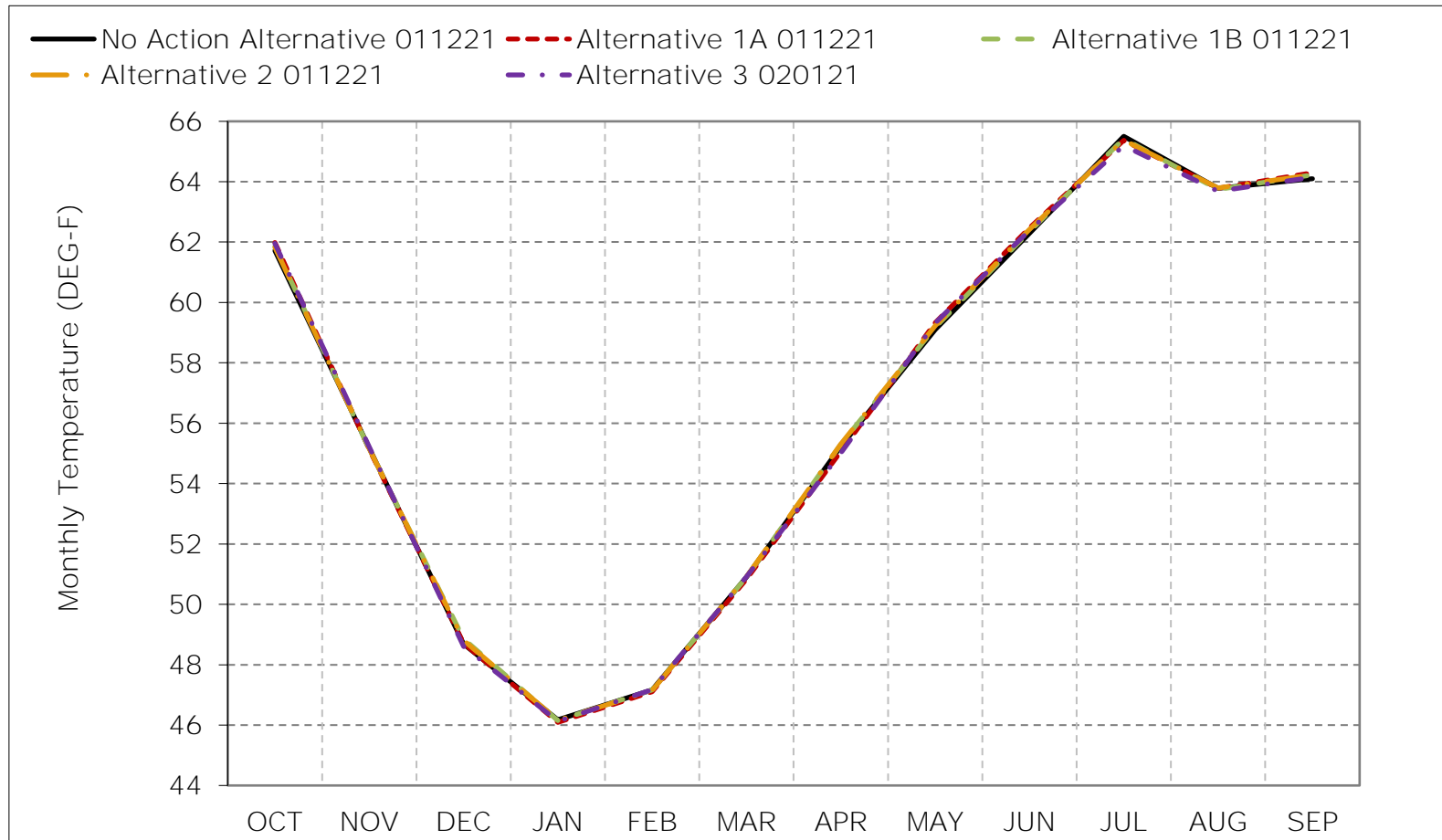


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-13-6. American River below Nimbus Dam, Critical Year Average Temperature

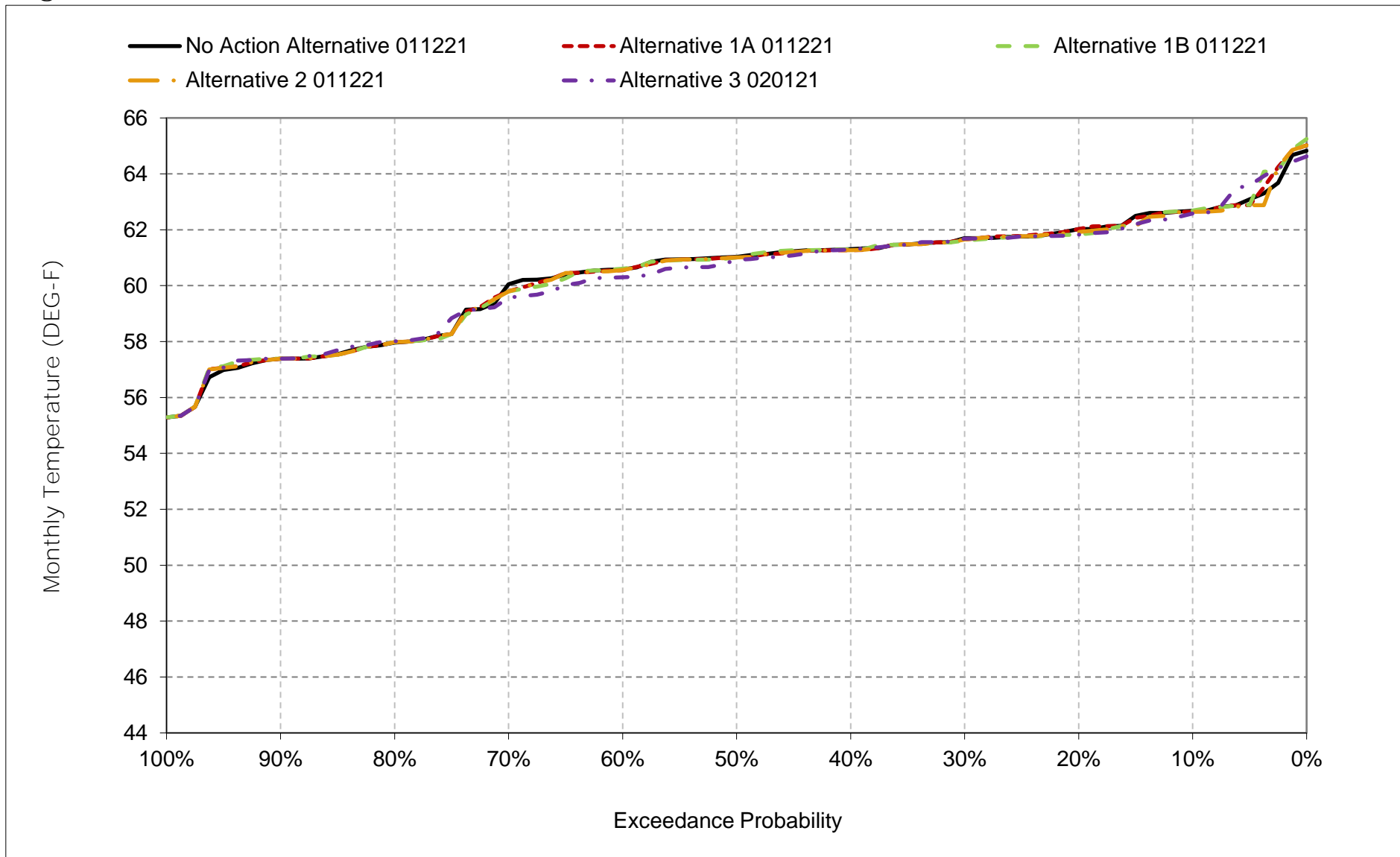


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

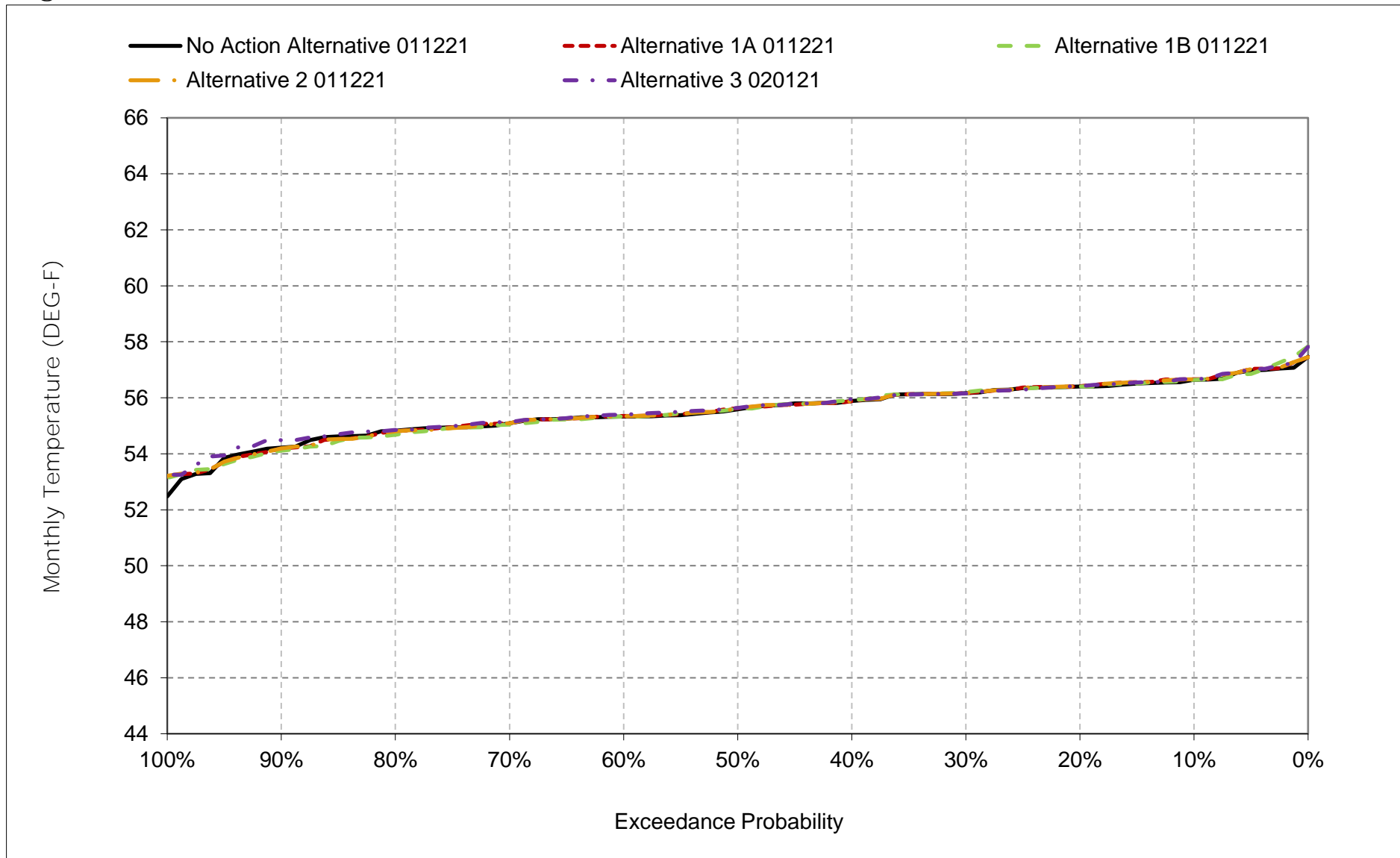
\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-13-7. American River below Nimbus Dam, October



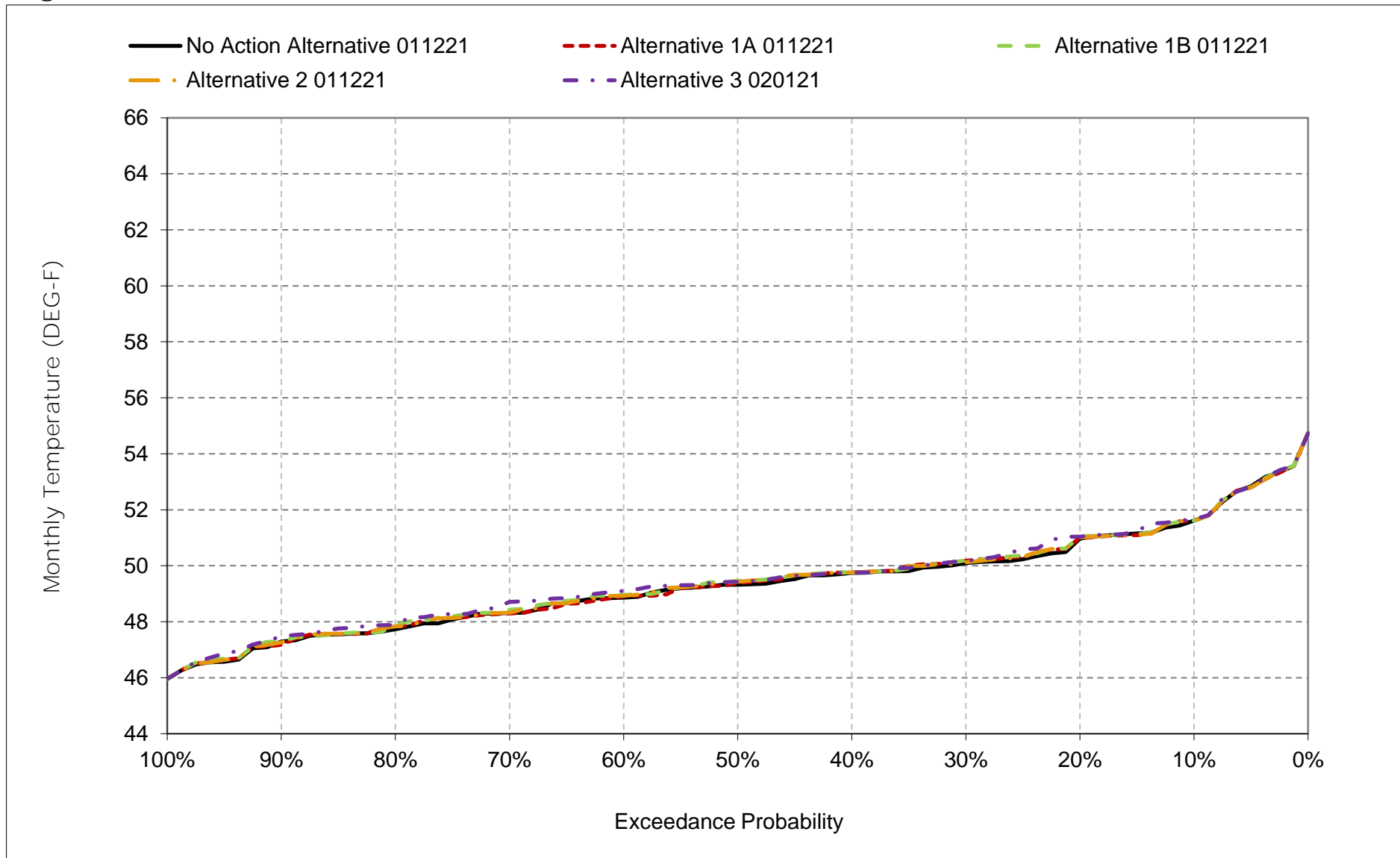
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-13-8. American River below Nimbus Dam, November



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

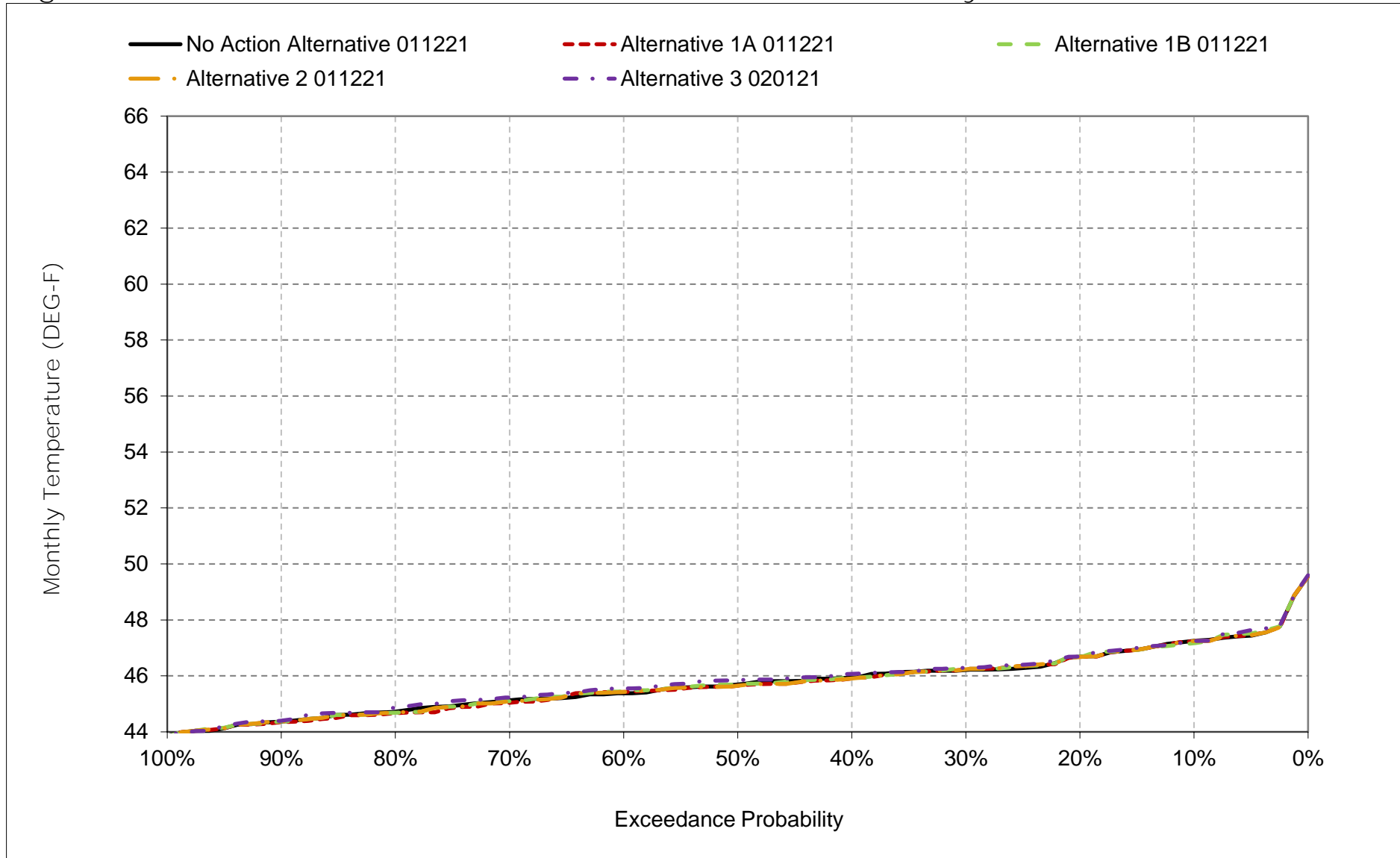
Figure 6C-13-9. American River below Nimbus Dam, December



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

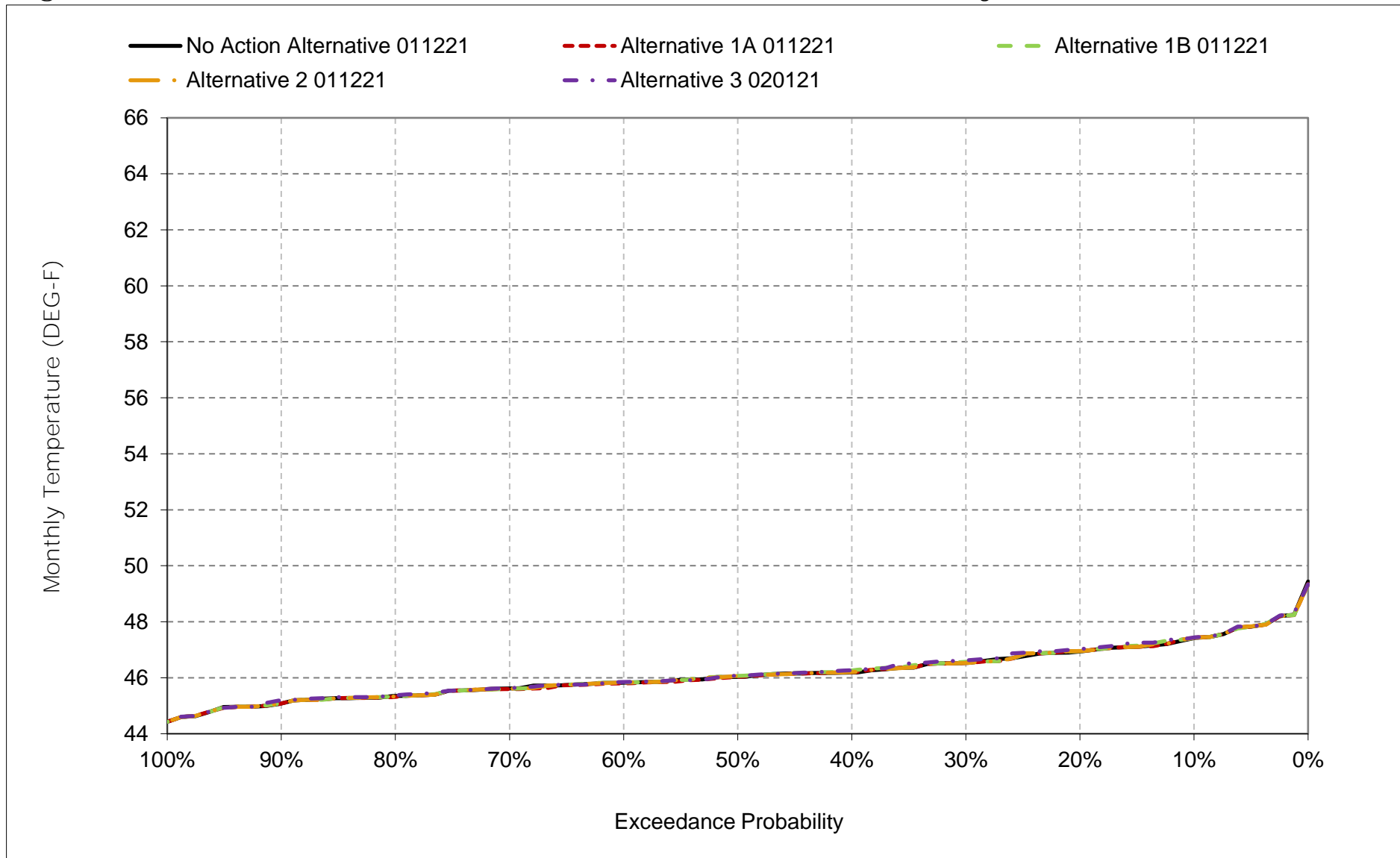


Figure 6C-13-10. American River below Nimbus Dam, January



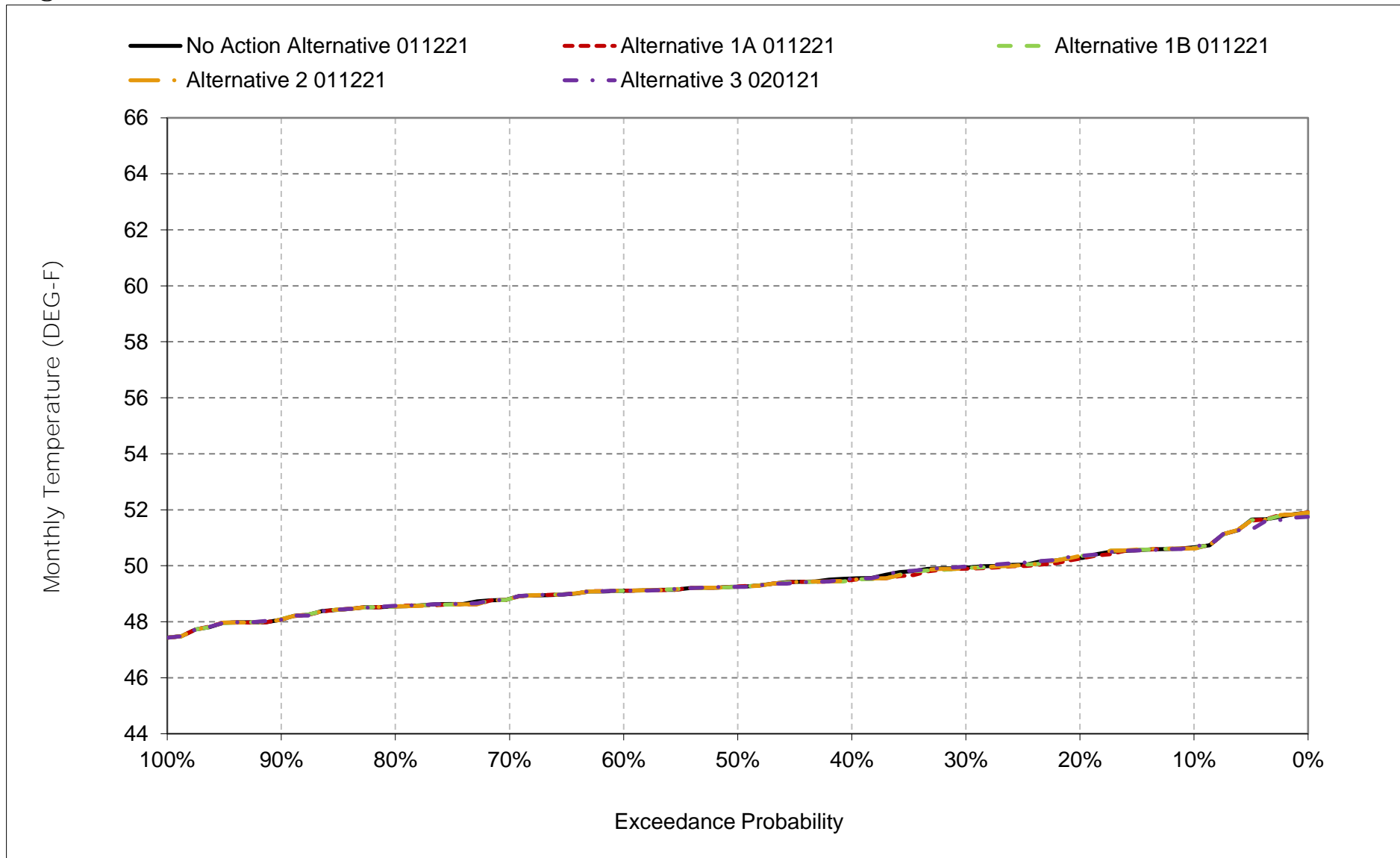
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-13-11. American River below Nimbus Dam, February



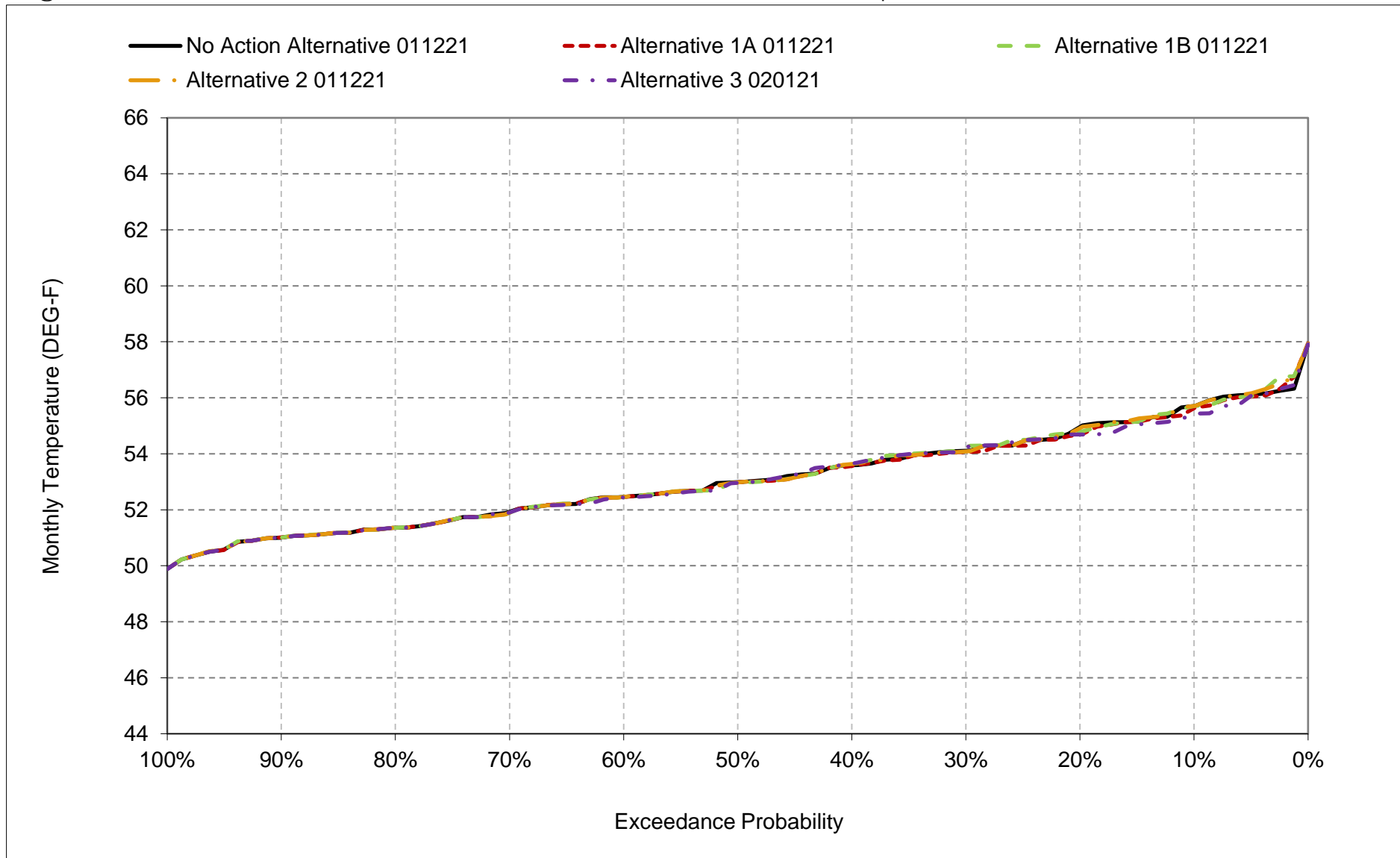
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-13-12. American River below Nimbus Dam, March



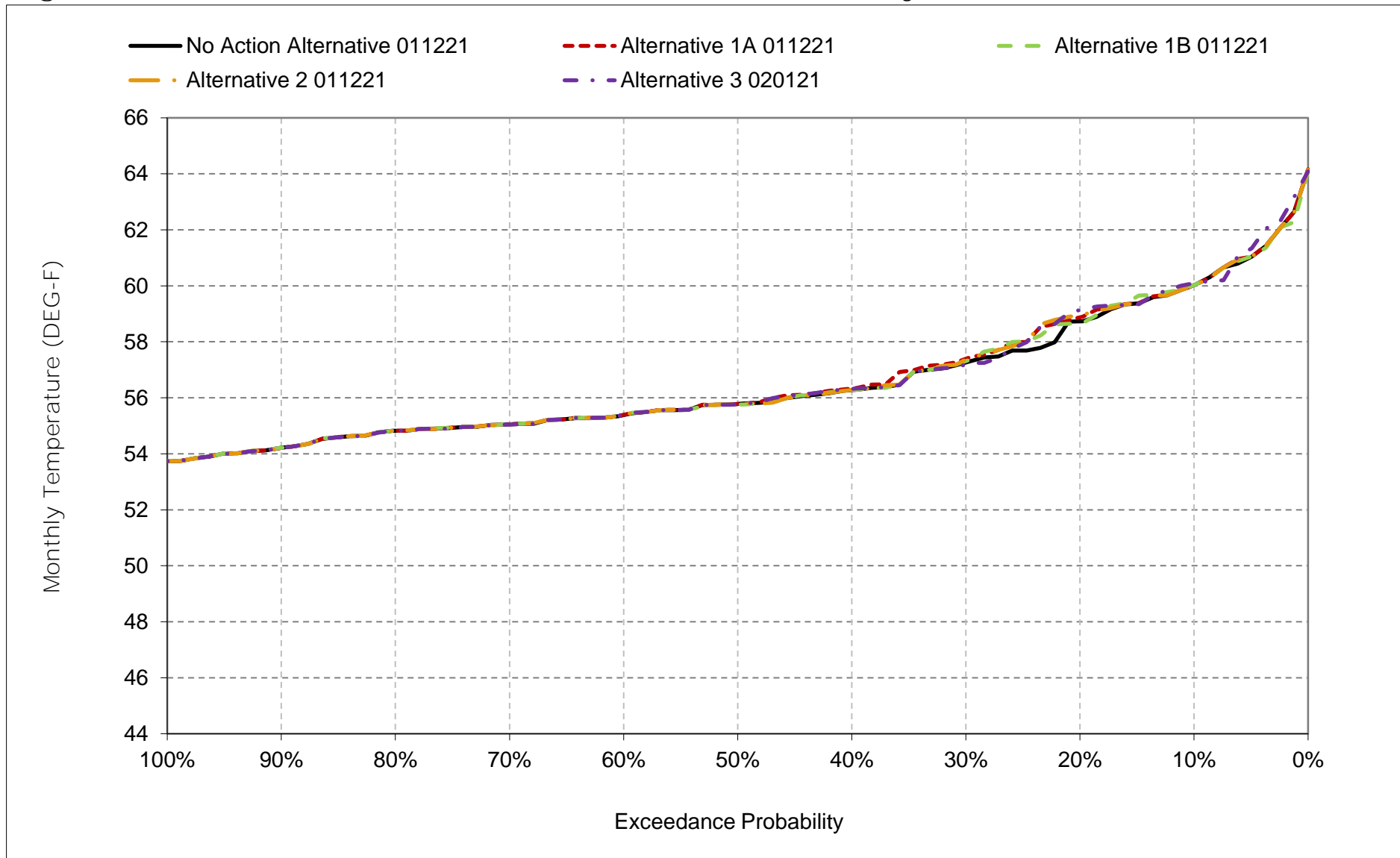
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-13-13. American River below Nimbus Dam, April



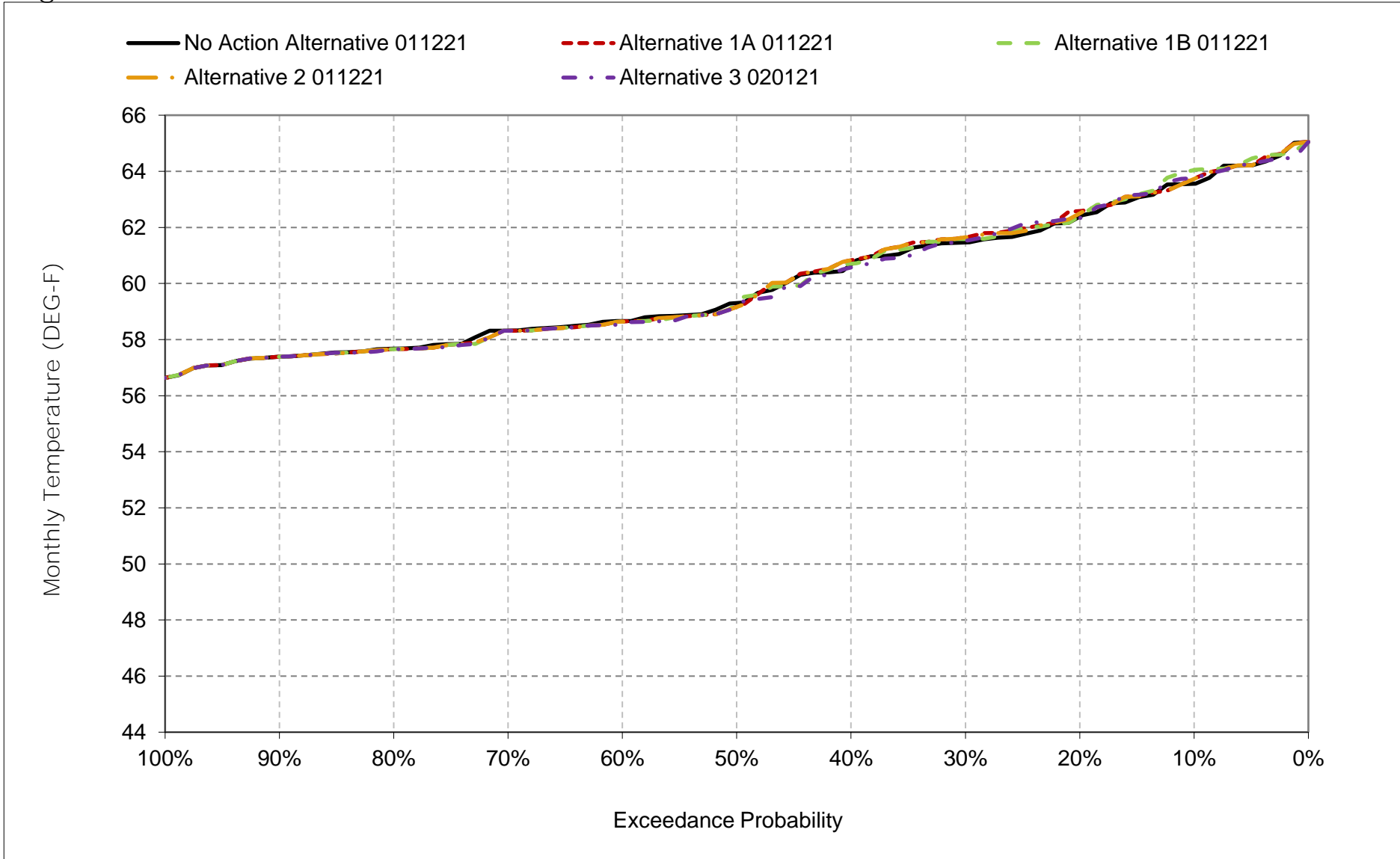
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-13-14. American River below Nimbus Dam, May



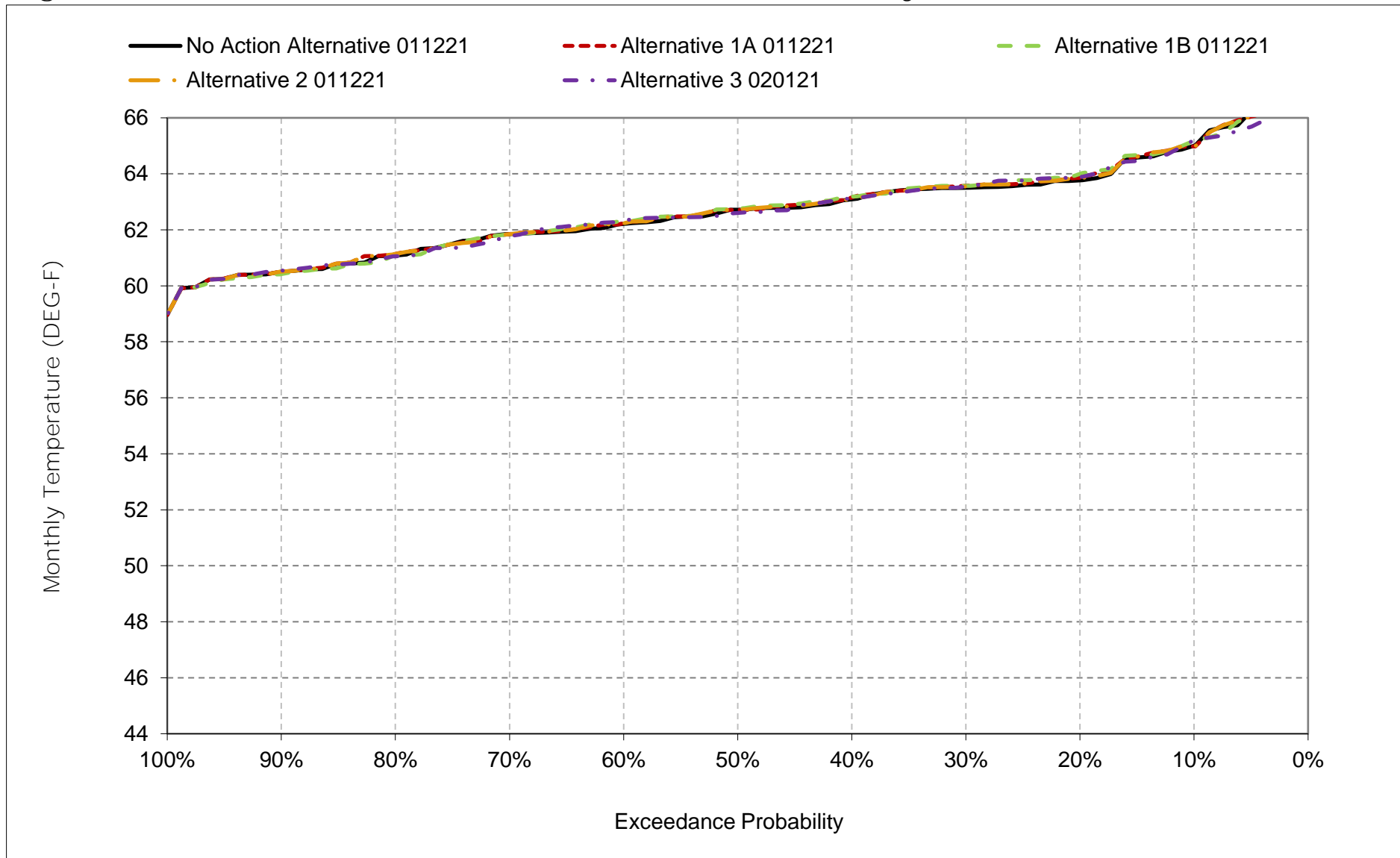
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-13-15. American River below Nimbus Dam, June



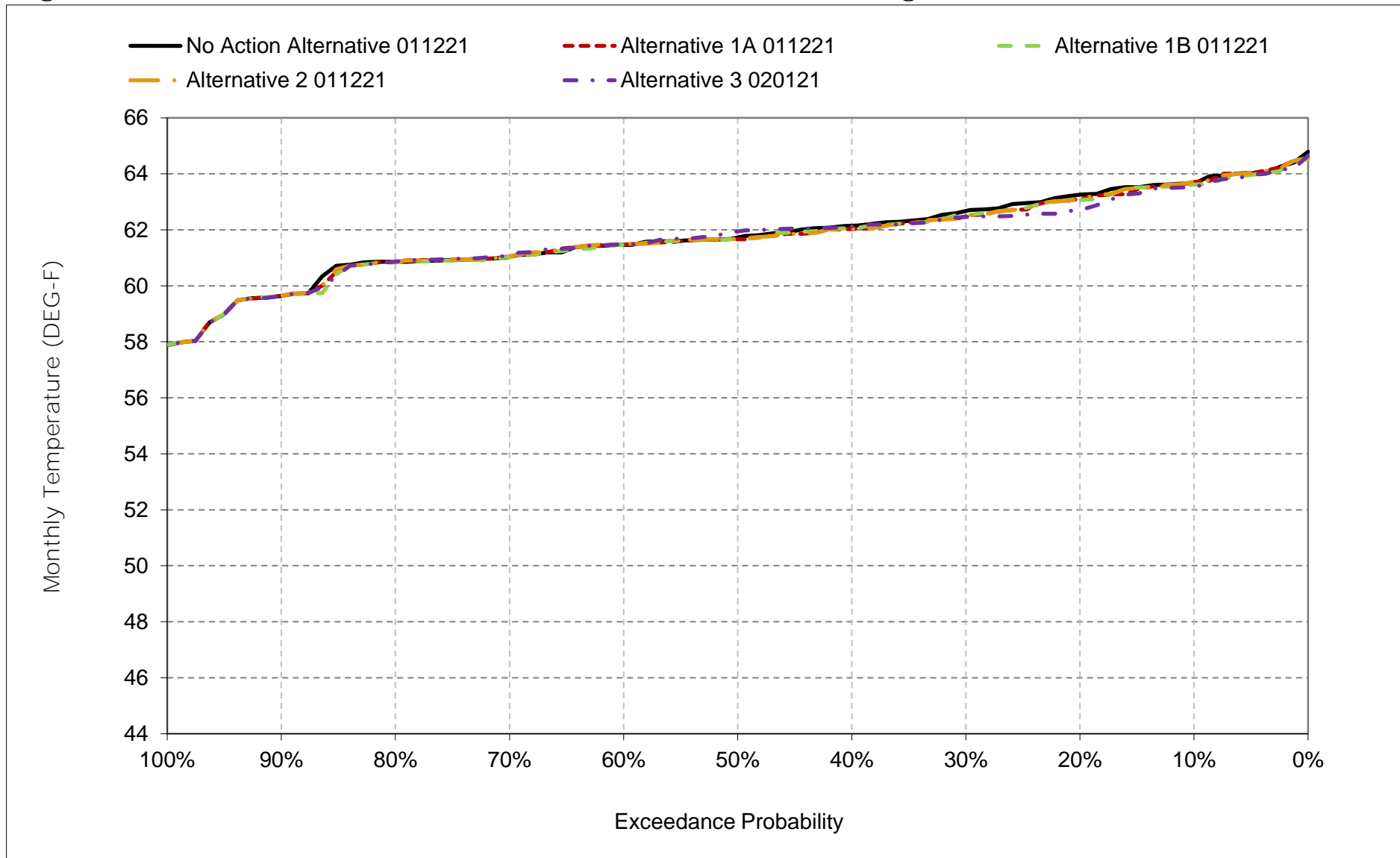
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-13-16. American River below Nimbus Dam, July



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

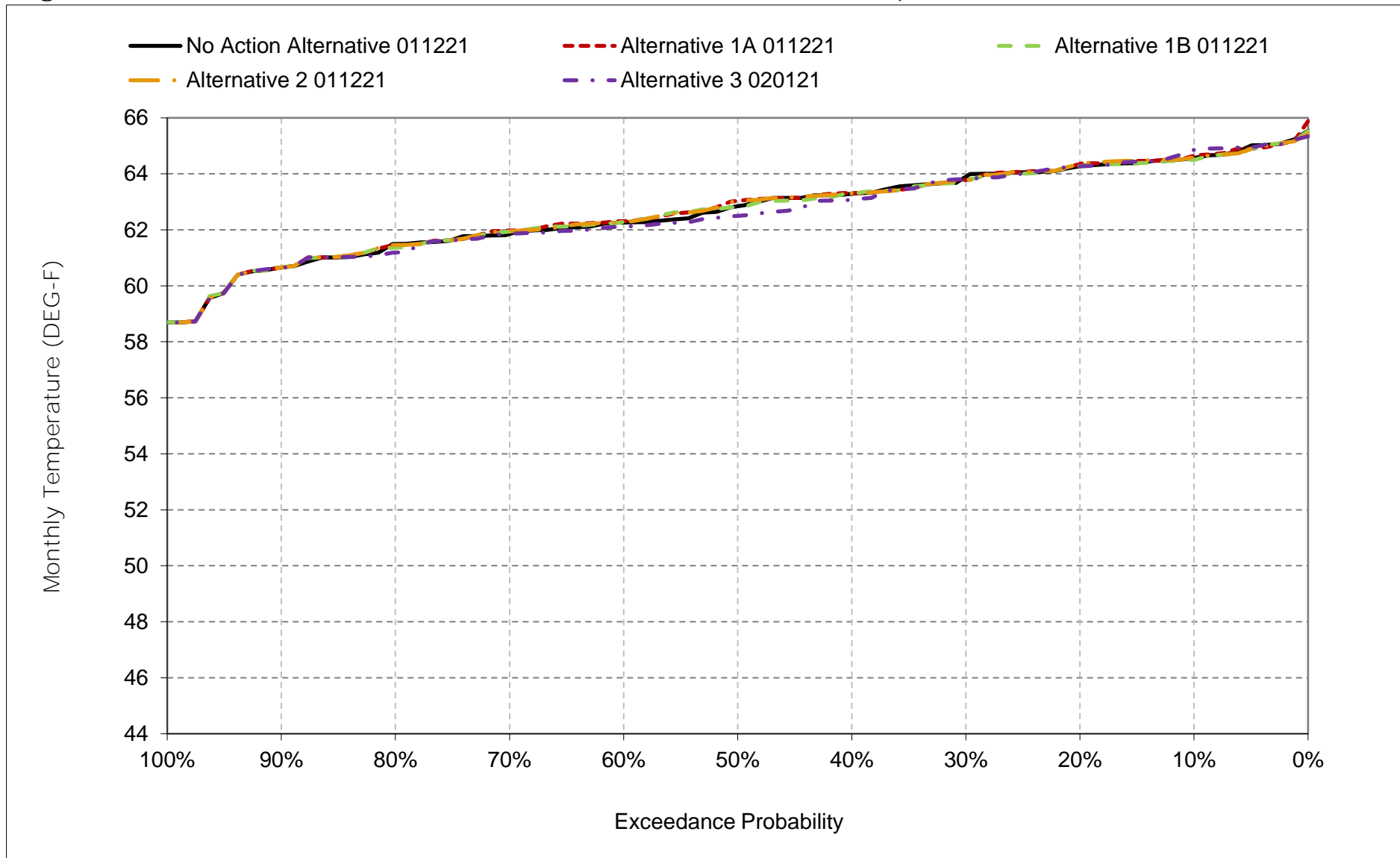
Figure 6C-13-17. American River below Nimbus Dam, August



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.



Figure 6C-13-18. American River below Nimbus Dam, September



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-14-1a. American River at Watt Avenue, No Action Alternative O11221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	64.0	56.8	51.1	47.6	49.0	54.0	60.0	65.0	69.7	70.7	69.5	68.1
20%	63.3	56.3	50.5	46.9	48.3	53.3	58.6	63.3	67.7	67.9	67.9	67.3
30%	62.7	56.1	49.8	46.6	47.7	52.4	57.8	61.9	65.3	67.0	66.8	66.5
40%	62.1	56.0	49.4	46.3	47.4	51.9	57.1	59.7	64.4	66.2	66.4	65.5
50%	61.9	55.6	49.2	46.1	47.0	51.3	56.1	58.5	63.5	65.9	65.5	65.1
60%	61.7	55.4	48.7	45.8	46.7	50.8	54.7	57.6	62.3	65.4	65.1	64.6
70%	61.0	55.1	48.2	45.5	46.4	50.5	54.1	57.3	61.6	65.3	64.6	64.2
80%	59.5	54.7	47.6	45.1	46.1	50.0	53.0	56.9	61.0	65.0	64.1	63.9
90%	58.7	54.3	47.1	44.8	45.7	49.5	52.6	55.9	60.0	64.5	62.8	63.2
Long Term												
Full Simulation Period <sup>a</sup>	61.6	55.6	49.1	46.1	47.2	51.6	56.1	59.8	64.2	66.7	65.9	65.4
Water Year Types <sup>b,c</sup>												
Wet (32%)	59.9	56.0	50.2	45.7	46.3	50.1	53.5	57.0	61.0	64.9	63.8	63.8
Above Normal (15%)	61.5	55.2	48.8	46.6	47.1	50.8	54.9	58.2	62.9	65.8	65.0	64.8
Below Normal (17%)	61.5	55.1	48.6	46.2	46.8	51.5	56.5	59.5	64.1	65.9	66.0	65.0
Dry (22%)	63.0	55.6	48.7	46.0	47.7	52.5	57.9	62.1	66.5	67.1	67.0	66.4
Critical (15%)	63.4	55.5	48.4	46.6	49.0	54.3	59.5	64.3	68.7	71.5	69.6	68.3

Table 6C-14-1b. American River at Watt Avenue, Alternative 1A O11221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	64.2	56.9	51.1	47.6	49.0	54.0	59.9	65.0	69.7	70.6	69.6	68.1
20%	63.2	56.5	50.5	46.9	48.3	53.2	58.5	63.6	67.8	68.3	67.6	67.3
30%	62.7	56.1	49.8	46.5	47.8	52.4	57.7	61.9	65.8	67.1	66.7	66.6
40%	62.1	55.9	49.4	46.2	47.4	51.9	57.1	59.7	64.4	66.4	66.4	65.4
50%	61.8	55.6	49.2	46.1	47.0	51.3	56.1	58.5	63.7	66.0	65.6	65.1
60%	61.6	55.4	48.6	45.8	46.7	50.8	54.7	57.6	62.0	65.5	65.1	64.7
70%	60.7	55.1	48.1	45.5	46.4	50.5	54.1	57.3	61.6	65.3	64.6	64.2
80%	59.5	54.7	47.6	45.1	46.1	50.1	53.0	56.9	61.0	65.0	64.2	63.8
90%	58.7	54.2	47.2	44.8	45.7	49.5	52.6	55.9	60.0	64.6	62.8	63.4
Long Term												
Full Simulation Period <sup>a</sup>	61.6	55.6	49.2	46.1	47.2	51.5	56.1	59.8	64.2	66.7	65.9	65.4
Water Year Types <sup>b,c</sup>												
Wet (32%)	59.9	56.0	50.2	45.7	46.3	50.1	53.5	57.1	61.0	64.9	63.8	63.9
Above Normal (15%)	61.4	55.3	48.8	46.6	47.1	50.8	54.9	58.2	62.9	65.9	65.0	64.8
Below Normal (17%)	61.5	55.1	48.6	46.2	46.8	51.5	56.5	59.5	64.1	66.0	66.0	65.0
Dry (22%)	62.9	55.6	48.8	46.0	47.7	52.4	58.0	62.1	66.6	67.3	66.8	66.4
Critical (15%)	63.5	55.5	48.5	46.6	49.1	54.1	59.4	64.5	68.9	71.5	69.7	68.4

Table 6C-14-1c. American River at Watt Avenue, Alternative 1A O11221 minus No Action Alternative O11221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0
20%	-0.1	0.1	0.0	0.0	0.0	-0.1	-0.1	0.3	0.1	0.4	-0.3	0.0
30%	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0	0.5	0.1	-0.1	0.0
40%	0.0	-0.1	0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.2	0.0	-0.1
50%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1	0.0
60%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3	0.1	0.0	0.1
70%	-0.3	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1
90%	0.0	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Dry (22%)	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	-0.1	0.0
Critical (15%)	0.2	0.0	0.0	-0.1	0.0	-0.2	-0.1	0.2	0.2	0.0	0.1	0.1

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-14-2a. American River at Watt Avenue, No Action Alternative O11221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	64.0	56.8	51.1	47.6	49.0	54.0	60.0	65.0	69.7	70.7	69.5	68.1
20%	63.3	56.3	50.5	46.9	48.3	53.3	58.6	63.3	67.7	67.9	67.9	67.3
30%	62.7	56.1	49.8	46.6	47.7	52.4	57.8	61.9	65.3	67.0	66.8	66.5
40%	62.1	56.0	49.4	46.3	47.4	51.9	57.1	59.7	64.4	66.2	66.4	65.5
50%	61.9	55.6	49.2	46.1	47.0	51.3	56.1	58.5	63.5	65.9	65.5	65.1
60%	61.7	55.4	48.7	45.8	46.7	50.8	54.7	57.6	62.3	65.4	65.1	64.6
70%	61.0	55.1	48.2	45.5	46.4	50.5	54.1	57.3	61.6	65.3	64.6	64.2
80%	59.5	54.7	47.6	45.1	46.1	50.0	53.0	56.9	61.0	65.0	64.1	63.9
90%	58.7	54.3	47.1	44.8	45.7	49.5	52.6	55.9	60.0	64.5	62.8	63.2
Long Term												
Full Simulation Period <sup>a</sup>	61.6	55.6	49.1	46.1	47.2	51.6	56.1	59.8	64.2	66.7	65.9	65.4
Water Year Types <sup>b,c</sup>												
Wet (32%)	59.9	56.0	50.2	45.7	46.3	50.1	53.5	57.0	61.0	64.9	63.8	63.8
Above Normal (15%)	61.5	55.2	48.8	46.6	47.1	50.8	54.9	58.2	62.9	65.8	65.0	64.8
Below Normal (17%)	61.5	55.1	48.6	46.2	46.8	51.5	56.5	59.5	64.1	65.9	66.0	65.0
Dry (22%)	63.0	55.6	48.7	46.0	47.7	52.5	57.9	62.1	66.5	67.1	67.0	66.4
Critical (15%)	63.4	55.5	48.4	46.6	49.0	54.3	59.5	64.3	68.7	71.5	69.6	68.3

Table 6C-14-2b. American River at Watt Avenue, Alternative 1B O11221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	64.2	56.9	51.1	47.5	49.0	54.0	59.9	64.9	69.7	70.5	69.5	68.1
20%	63.2	56.4	50.5	46.9	48.3	53.3	59.0	63.7	67.5	68.3	67.9	67.3
30%	62.7	56.1	49.8	46.5	47.8	52.4	57.8	62.0	65.6	67.1	66.6	66.5
40%	62.1	56.0	49.5	46.3	47.3	51.9	57.1	59.7	64.3	66.5	66.2	65.5
50%	61.9	55.6	49.2	46.1	47.0	51.3	56.1	58.5	63.6	65.9	65.6	65.1
60%	61.6	55.4	48.8	45.8	46.7	50.8	54.7	57.6	62.1	65.6	65.2	64.6
70%	60.8	55.1	48.3	45.6	46.4	50.5	54.1	57.3	61.6	65.3	64.6	64.2
80%	59.5	54.7	47.6	45.1	46.1	50.0	53.0	56.9	61.0	65.0	64.1	64.0
90%	58.7	54.2	47.3	44.8	45.7	49.5	52.6	55.9	60.0	64.6	62.8	63.4
Long Term												
Full Simulation Period <sup>a</sup>	61.6	55.6	49.2	46.1	47.2	51.6	56.1	59.8	64.2	66.7	65.9	65.4
Water Year Types <sup>b,c</sup>												
Wet (32%)	59.9	56.0	50.2	45.7	46.3	50.1	53.5	57.1	61.0	64.9	63.8	63.9
Above Normal (15%)	61.5	55.4	48.9	46.6	47.1	50.8	54.9	58.2	62.9	65.9	65.0	64.8
Below Normal (17%)	61.4	55.2	48.6	46.2	46.8	51.5	56.4	59.5	64.1	66.0	66.0	65.1
Dry (22%)	62.9	55.5	48.8	46.1	47.7	52.4	58.0	62.2	66.6	67.3	66.8	66.4
Critical (15%)	63.4	55.5	48.6	46.6	49.0	54.3	59.6	64.4	68.8	71.6	69.8	68.3

Table 6C-14-2c. American River at Watt Avenue, Alternative 1B O11221 minus No Action Alternative O11221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.2	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	0.0	0.0
20%	-0.1	0.0	0.0	0.0	0.0	0.0	0.4	0.4	-0.2	0.4	0.0	0.0
30%	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.3	0.1	-0.1	-0.1
40%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.2	-0.2	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0
60%	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.2	0.1	0.0
70%	-0.2	0.0	0.1	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
90%	0.0	-0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Below Normal (17%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Dry (22%)	-0.1	-0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	-0.2	0.0
Critical (15%)	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.1

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-14-3a. American River at Watt Avenue, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	64.0	56.8	51.1	47.6	49.0	54.0	60.0	65.0	69.7	70.7	69.5	68.1
20%	63.3	56.3	50.5	46.9	48.3	53.3	58.6	63.3	67.7	67.9	67.9	67.3
30%	62.7	56.1	49.8	46.6	47.7	52.4	57.8	61.9	65.3	67.0	66.8	66.5
40%	62.1	56.0	49.4	46.3	47.4	51.9	57.1	59.7	64.4	66.2	66.4	65.5
50%	61.9	55.6	49.2	46.1	47.0	51.3	56.1	58.5	63.5	65.9	65.5	65.1
60%	61.7	55.4	48.7	45.8	46.7	50.8	54.7	57.6	62.3	65.4	65.1	64.6
70%	61.0	55.1	48.2	45.5	46.4	50.5	54.1	57.3	61.6	65.3	64.6	64.2
80%	59.5	54.7	47.6	45.1	46.1	50.0	53.0	56.9	61.0	65.0	64.1	63.9
90%	58.7	54.3	47.1	44.8	45.7	49.5	52.6	55.9	60.0	64.5	62.8	63.2
Long Term												
Full Simulation Period <sup>a</sup>	61.6	55.6	49.1	46.1	47.2	51.6	56.1	59.8	64.2	66.7	65.9	65.4
Water Year Types <sup>b,c</sup>												
Wet (32%)	59.9	56.0	50.2	45.7	46.3	50.1	53.5	57.0	61.0	64.9	63.8	63.8
Above Normal (15%)	61.5	55.2	48.8	46.6	47.1	50.8	54.9	58.2	62.9	65.8	65.0	64.8
Below Normal (17%)	61.5	55.1	48.6	46.2	46.8	51.5	56.5	59.5	64.1	65.9	66.0	65.0
Dry (22%)	63.0	55.6	48.7	46.0	47.7	52.5	57.9	62.1	66.5	67.1	67.0	66.4
Critical (15%)	63.4	55.5	48.4	46.6	49.0	54.3	59.5	64.3	68.7	71.5	69.6	68.3

Table 6C-14-3b. American River at Watt Avenue, Alternative 2 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	64.0	56.9	51.1	47.6	49.0	54.0	59.9	65.0	69.7	70.6	69.6	68.1
20%	63.3	56.5	50.5	46.9	48.3	53.3	58.8	63.6	67.8	68.3	67.9	67.3
30%	62.7	56.1	49.8	46.5	47.7	52.4	57.8	61.9	65.7	67.0	66.7	66.6
40%	62.1	55.9	49.4	46.2	47.3	51.9	57.1	59.7	64.4	66.4	66.3	65.4
50%	61.8	55.6	49.2	46.1	47.0	51.3	56.1	58.5	63.7	66.0	65.7	65.1
60%	61.6	55.4	48.7	45.8	46.7	50.8	54.7	57.6	62.0	65.6	65.1	64.7
70%	60.7	55.1	48.2	45.6	46.4	50.5	54.1	57.3	61.6	65.3	64.6	64.2
80%	59.5	54.7	47.6	45.1	46.1	50.0	53.0	56.9	61.0	65.0	64.2	63.9
90%	58.7	54.2	47.3	44.8	45.7	49.5	52.6	55.9	60.0	64.6	62.8	63.4
Long Term												
Full Simulation Period <sup>a</sup>	61.6	55.6	49.2	46.1	47.2	51.6	56.1	59.8	64.2	66.7	65.9	65.4
Water Year Types <sup>b,c</sup>												
Wet (32%)	59.9	56.0	50.2	45.7	46.3	50.1	53.5	57.1	61.0	64.9	63.8	63.9
Above Normal (15%)	61.4	55.3	48.8	46.6	47.1	50.8	54.9	58.2	62.9	65.9	65.0	64.8
Below Normal (17%)	61.5	55.1	48.6	46.2	46.8	51.5	56.5	59.5	64.1	66.0	66.0	65.0
Dry (22%)	62.9	55.6	48.8	46.0	47.7	52.4	58.0	62.1	66.6	67.3	66.8	66.4
Critical (15%)	63.4	55.5	48.5	46.6	49.0	54.3	59.6	64.4	68.8	71.5	69.8	68.3

Table 6C-14-3c. American River at Watt Avenue, Alternative 2 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0
20%	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.3	0.1	0.5	0.0	0.0
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	-0.1	0.0
40%	0.0	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.1	-0.1
50%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1	0.0
60%	-0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	-0.3	0.2	0.0	0.1
70%	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
90%	0.0	-0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry (22%)	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	-0.1	0.0
Critical (15%)	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.2	0.1

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-14-4a. American River at Watt Avenue, No Action Alternative O11221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	64.0	56.8	51.1	47.6	49.0	54.0	60.0	65.0	69.7	70.7	69.5	68.1
20%	63.3	56.3	50.5	46.9	48.3	53.3	58.6	63.3	67.7	67.9	67.9	67.3
30%	62.7	56.1	49.8	46.6	47.7	52.4	57.8	61.9	65.3	67.0	66.8	66.5
40%	62.1	56.0	49.4	46.3	47.4	51.9	57.1	59.7	64.4	66.2	66.4	65.5
50%	61.9	55.6	49.2	46.1	47.0	51.3	56.1	58.5	63.5	65.9	65.5	65.1
60%	61.7	55.4	48.7	45.8	46.7	50.8	54.7	57.6	62.3	65.4	65.1	64.6
70%	61.0	55.1	48.2	45.5	46.4	50.5	54.1	57.3	61.6	65.3	64.6	64.2
80%	59.5	54.7	47.6	45.1	46.1	50.0	53.0	56.9	61.0	65.0	64.1	63.9
90%	58.7	54.3	47.1	44.8	45.7	49.5	52.6	55.9	60.0	64.5	62.8	63.2
Long Term												
Full Simulation Period <sup>a</sup>	61.6	55.6	49.1	46.1	47.2	51.6	56.1	59.8	64.2	66.7	65.9	65.4
Water Year Types <sup>b,c</sup>												
Wet (32%)	59.9	56.0	50.2	45.7	46.3	50.1	53.5	57.0	61.0	64.9	63.8	63.8
Above Normal (15%)	61.5	55.2	48.8	46.6	47.1	50.8	54.9	58.2	62.9	65.8	65.0	64.8
Below Normal (17%)	61.5	55.1	48.6	46.2	46.8	51.5	56.5	59.5	64.1	65.9	66.0	65.0
Dry (22%)	63.0	55.6	48.7	46.0	47.7	52.5	57.9	62.1	66.5	67.1	67.0	66.4
Critical (15%)	63.4	55.5	48.4	46.6	49.0	54.3	59.5	64.3	68.7	71.5	69.6	68.3

Table 6C-14-4b. American River at Watt Avenue, Alternative 3 O20121, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	64.2	56.9	51.2	47.6	49.0	54.0	59.9	65.0	70.2	70.5	69.3	68.2
20%	63.1	56.5	50.6	46.9	48.3	53.3	58.4	63.8	67.8	67.8	67.1	67.2
30%	62.5	56.2	49.8	46.6	47.8	52.4	57.6	62.0	65.6	67.3	66.6	66.6
40%	62.2	55.9	49.4	46.4	47.4	51.8	57.1	59.7	64.4	66.7	66.2	65.5
50%	61.8	55.6	49.3	46.2	47.0	51.3	56.1	58.5	63.6	66.3	65.7	65.0
60%	61.3	55.4	48.8	45.9	46.7	50.8	54.7	57.6	62.2	65.7	65.1	64.5
70%	60.6	55.2	48.5	45.6	46.4	50.5	54.1	57.3	61.6	65.4	64.6	64.1
80%	59.8	54.9	47.9	45.2	46.1	50.0	53.0	56.9	61.0	65.0	64.0	63.9
90%	58.7	54.6	47.2	44.9	45.7	49.5	52.6	55.9	60.0	64.6	62.8	63.4
Long Term												
Full Simulation Period <sup>a</sup>	61.5	55.7	49.3	46.2	47.3	51.6	56.0	59.9	64.2	66.8	65.8	65.4
Water Year Types <sup>b,c</sup>												
Wet (32%)	59.9	56.0	50.2	45.7	46.3	50.1	53.5	57.0	61.0	64.9	63.8	63.9
Above Normal (15%)	61.3	55.5	49.1	46.7	47.1	50.8	54.9	58.2	63.0	66.3	64.9	64.8
Below Normal (17%)	61.3	55.2	48.8	46.3	46.8	51.5	56.5	59.5	64.1	66.0	66.1	65.0
Dry (22%)	62.8	55.7	49.0	46.2	47.8	52.4	57.9	62.3	66.7	67.5	66.6	66.3
Critical (15%)	63.5	55.5	48.4	46.6	49.2	54.3	59.3	64.6	68.8	71.4	69.4	68.3

Table 6C-14-4c. American River at Watt Avenue, Alternative 3 O20121 minus No Action Alternative O11221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.2	0.0	0.1	0.0	0.0	0.0	-0.1	-0.1	0.5	-0.2	-0.3	0.1
20%	-0.2	0.1	0.2	0.0	0.1	0.0	-0.2	0.5	0.1	0.0	-0.8	0.0
30%	-0.2	0.0	0.0	0.0	0.1	0.0	-0.1	0.1	0.3	0.3	-0.2	0.0
40%	0.1	-0.1	0.0	0.2	0.0	-0.1	0.0	0.0	0.0	0.4	-0.2	0.0
50%	-0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.4	0.1	-0.2
60%	-0.3	0.0	0.1	0.1	0.0	0.0	0.0	0.0	-0.1	0.3	0.0	-0.1
70%	-0.4	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1
80%	0.3	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
90%	0.0	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Long Term												
Full Simulation Period <sup>a</sup>	-0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.2	-0.1	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	-0.1	0.2	0.3	0.1	0.0	0.0	0.0	0.0	0.1	0.4	-0.1	0.0
Below Normal (17%)	-0.2	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Dry (22%)	-0.2	0.1	0.3	0.2	0.1	0.0	-0.1	0.2	0.2	0.4	-0.3	-0.2
Critical (15%)	0.2	0.0	-0.1	0.0	0.2	0.0	-0.2	0.3	0.1	-0.1	-0.2	0.0

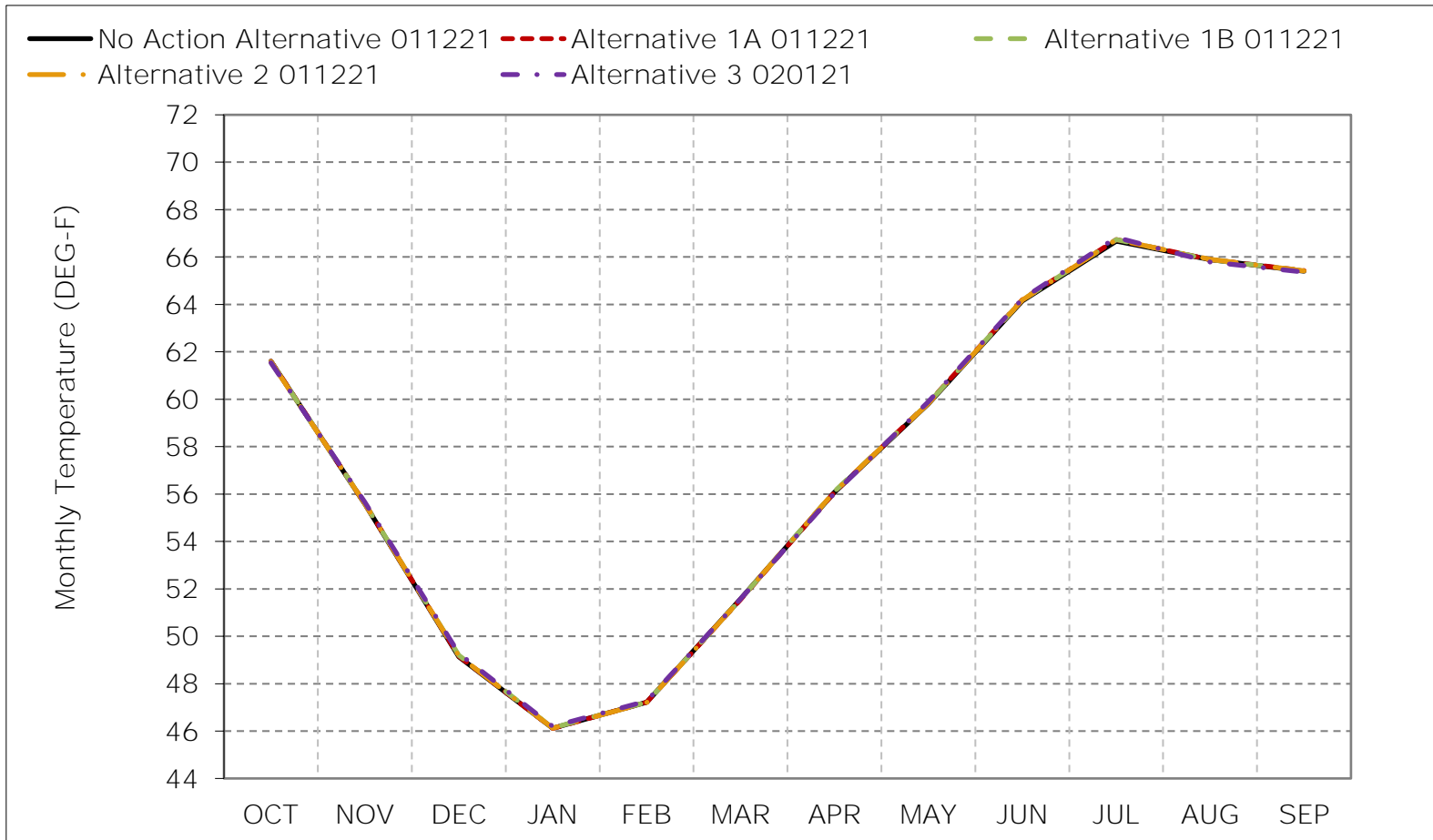
a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-14-1. American River at Watt Avenue, Long-Term Average Temperature

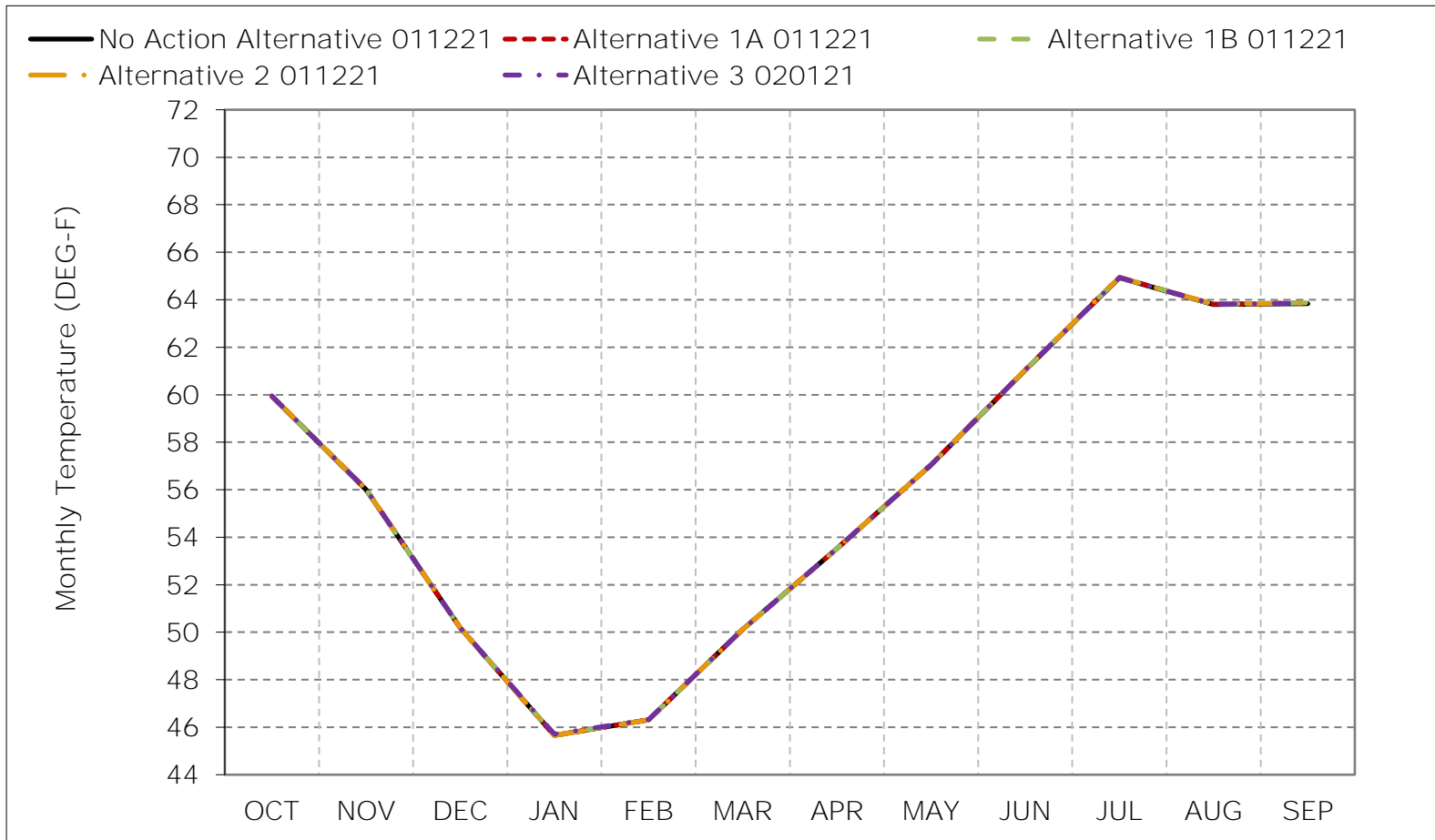


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-14-2. American River at Watt Avenue, Wet Year Average Temperature

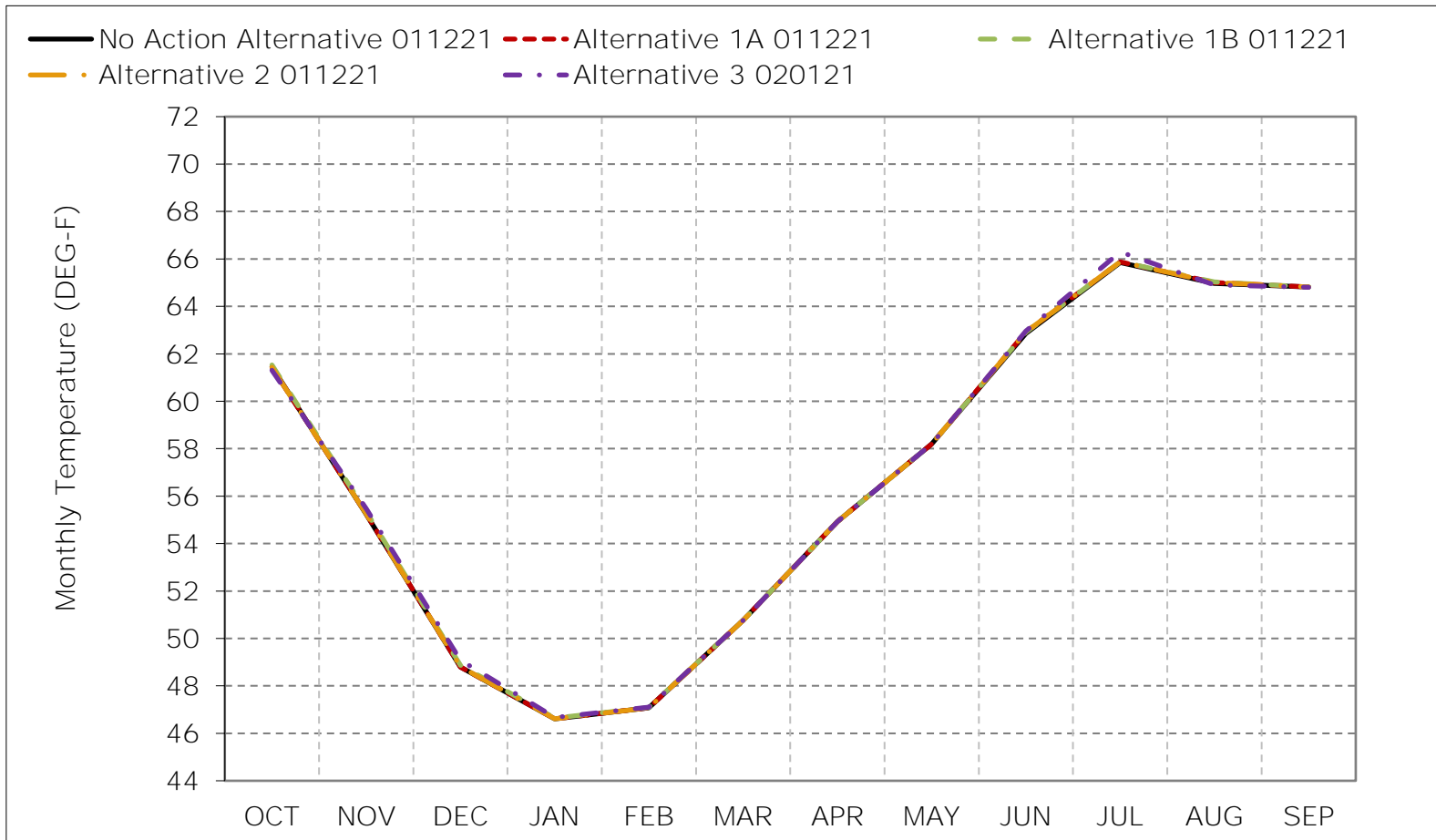


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-14-3. American River at Watt Avenue, Above Normal Year Average Temperat



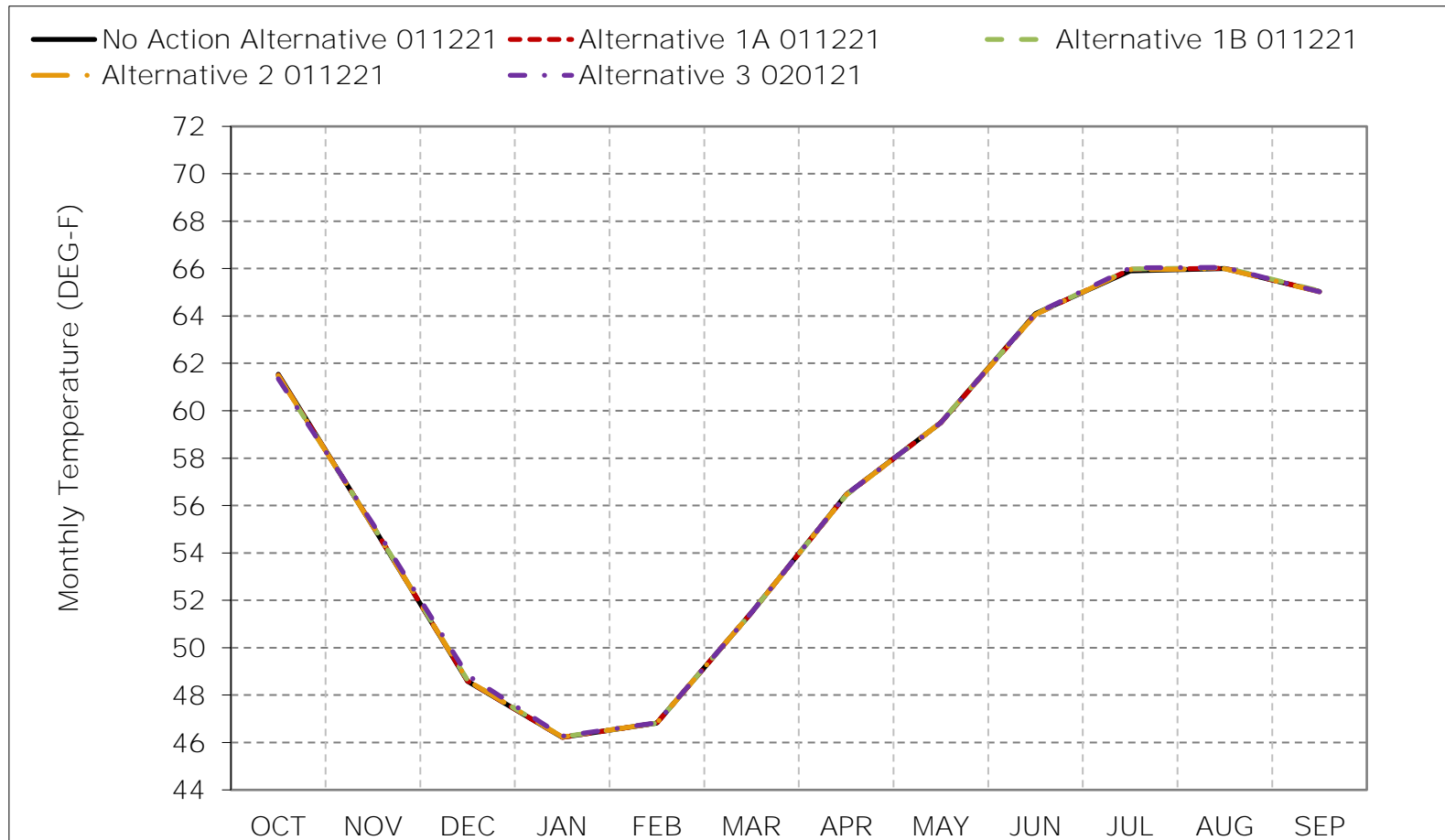
\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.



Figure 6C-14-4. American River at Watt Avenue, Below Normal Year Average Temperat

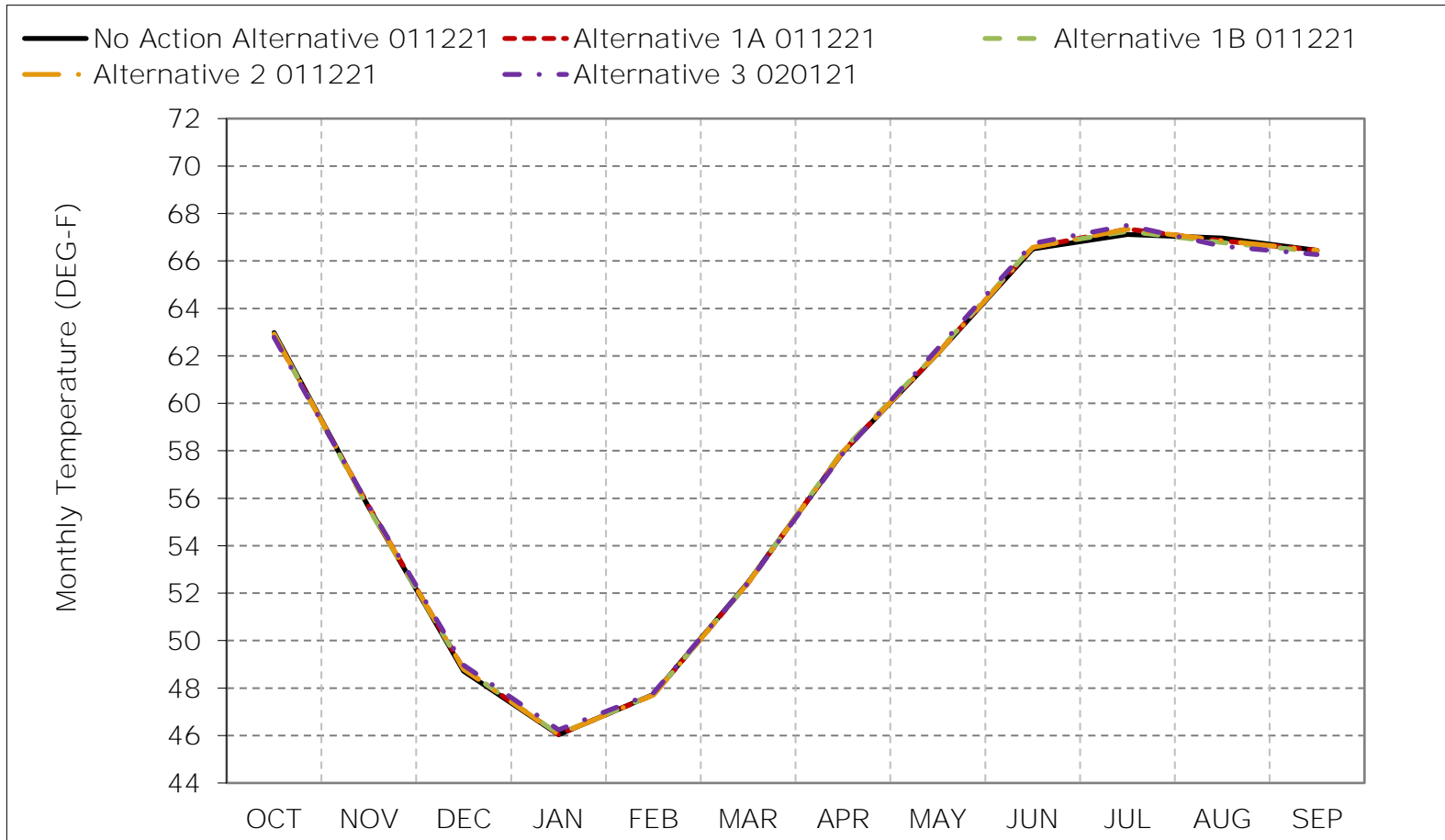


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-14-5. American River at Watt Avenue, Dry Year Average Temperature

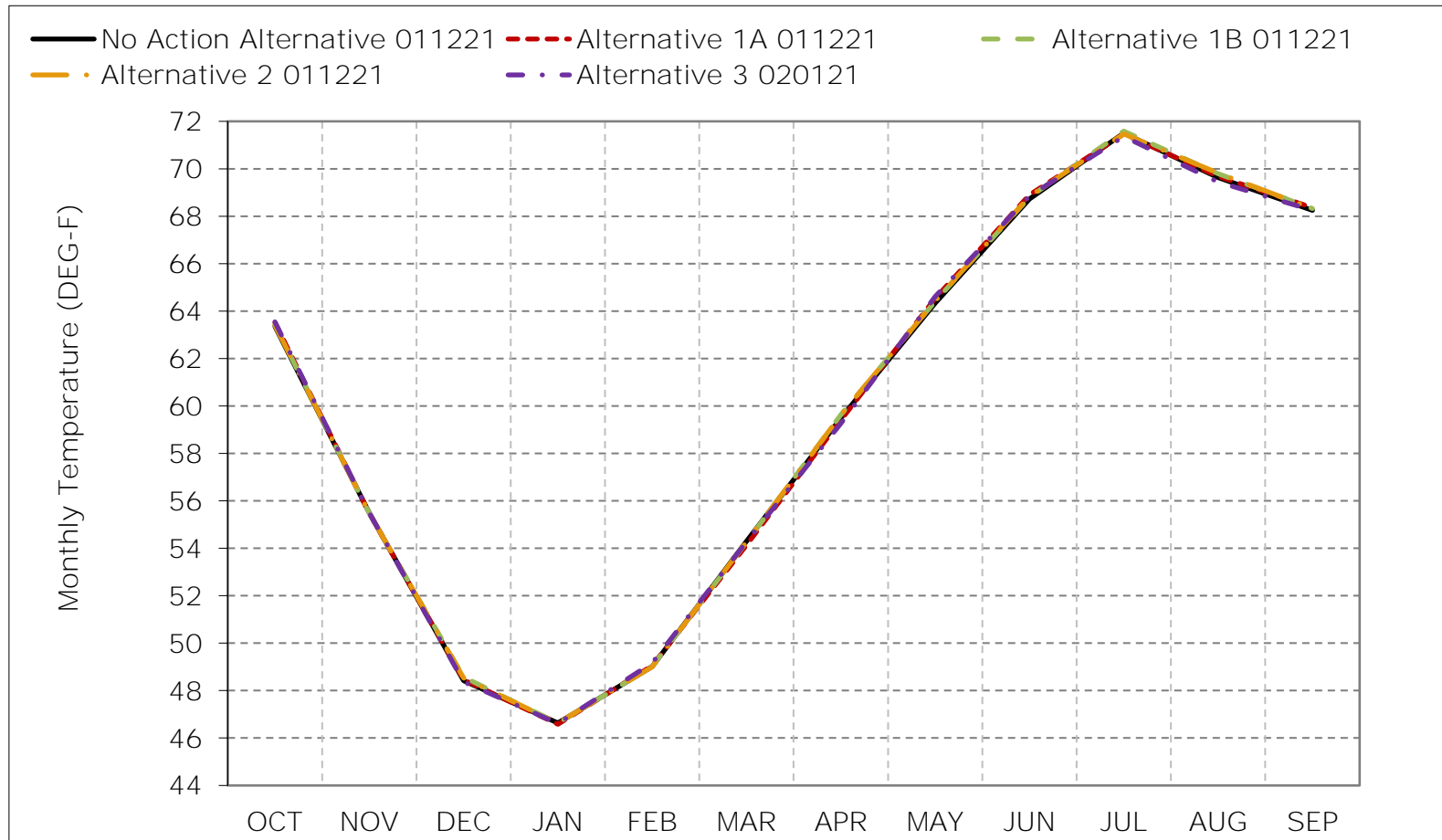


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-14-6. American River at Watt Avenue, Critical Year Average Temperature

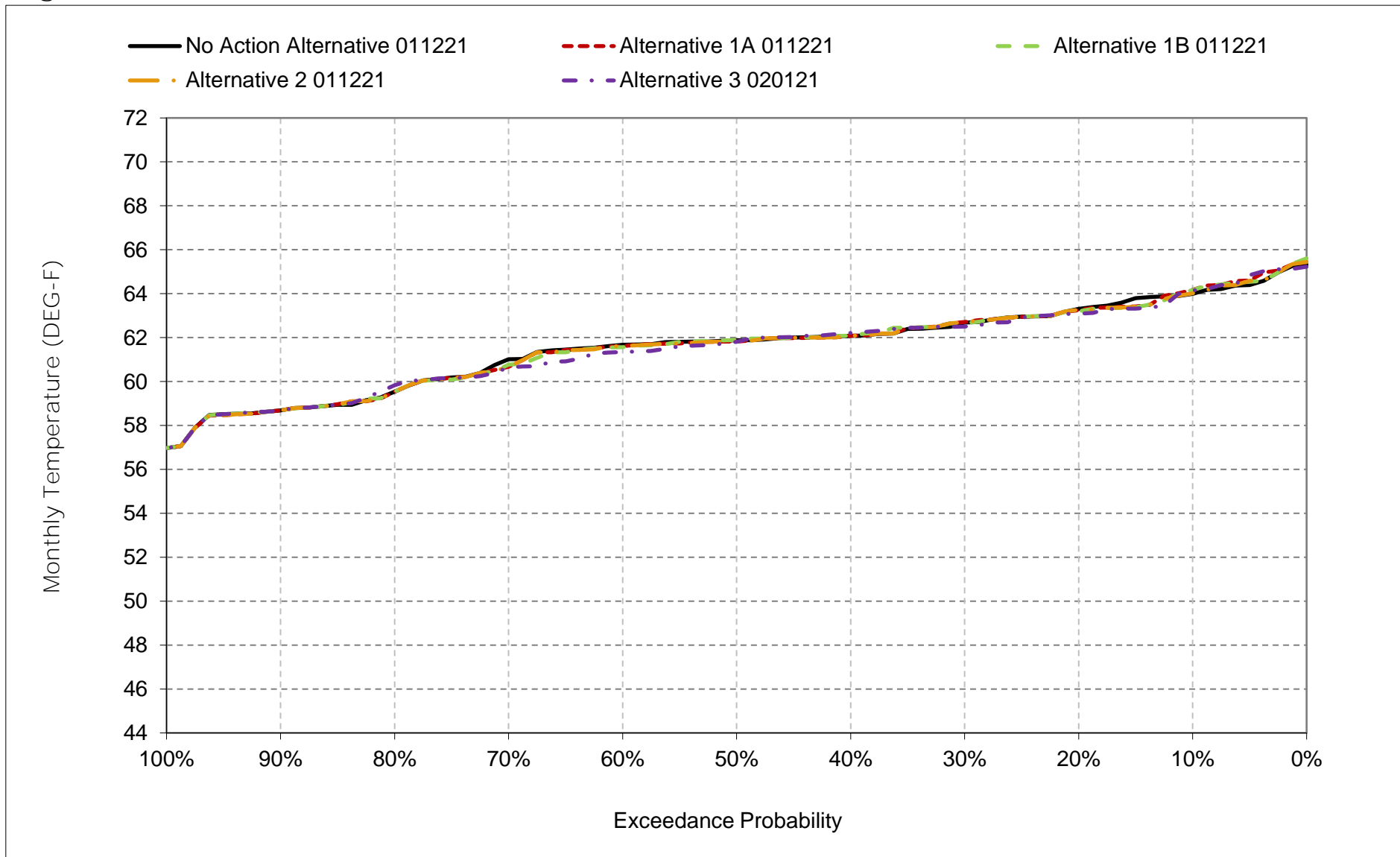


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

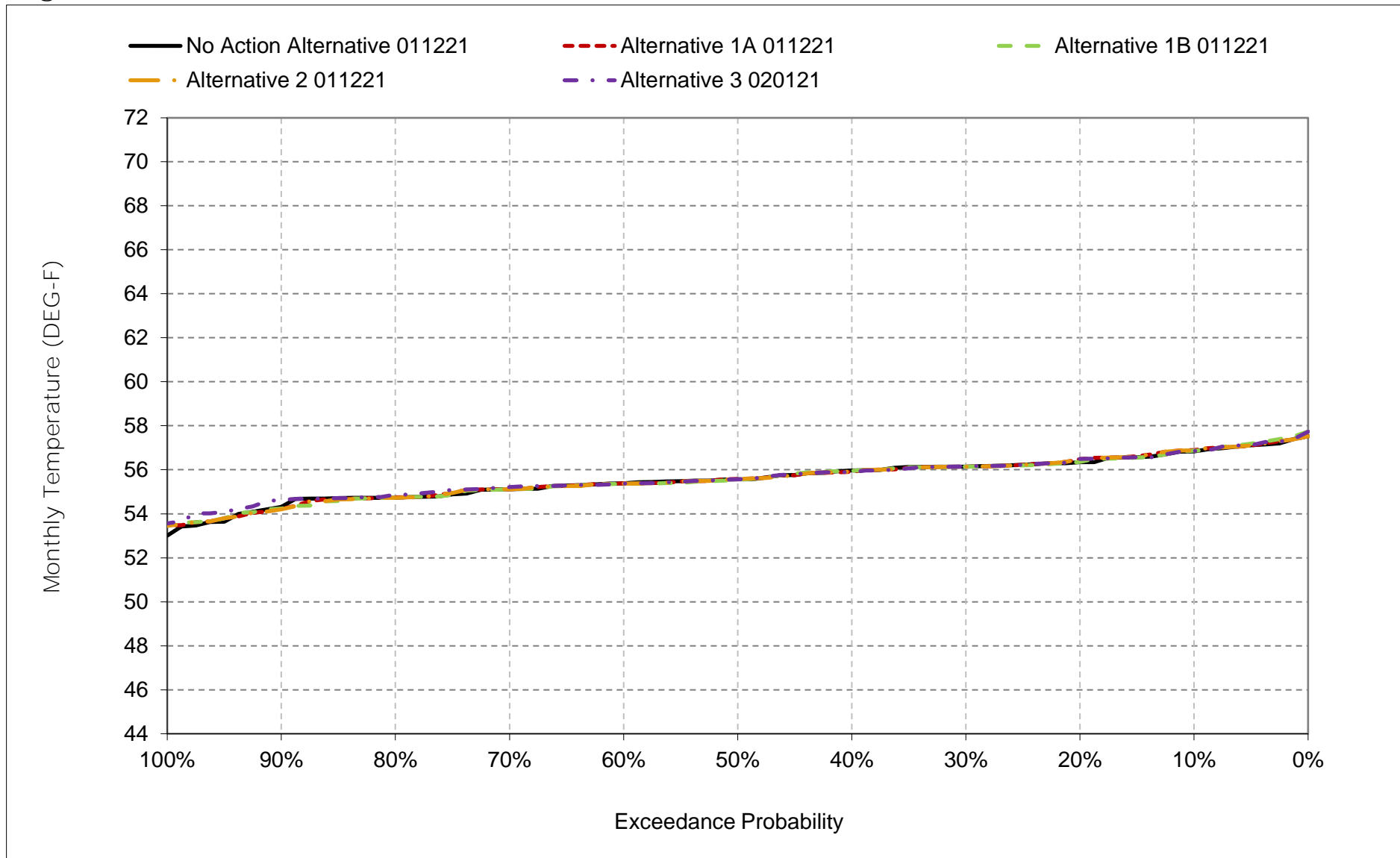
\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-14-7. American River at Watt Avenue, October



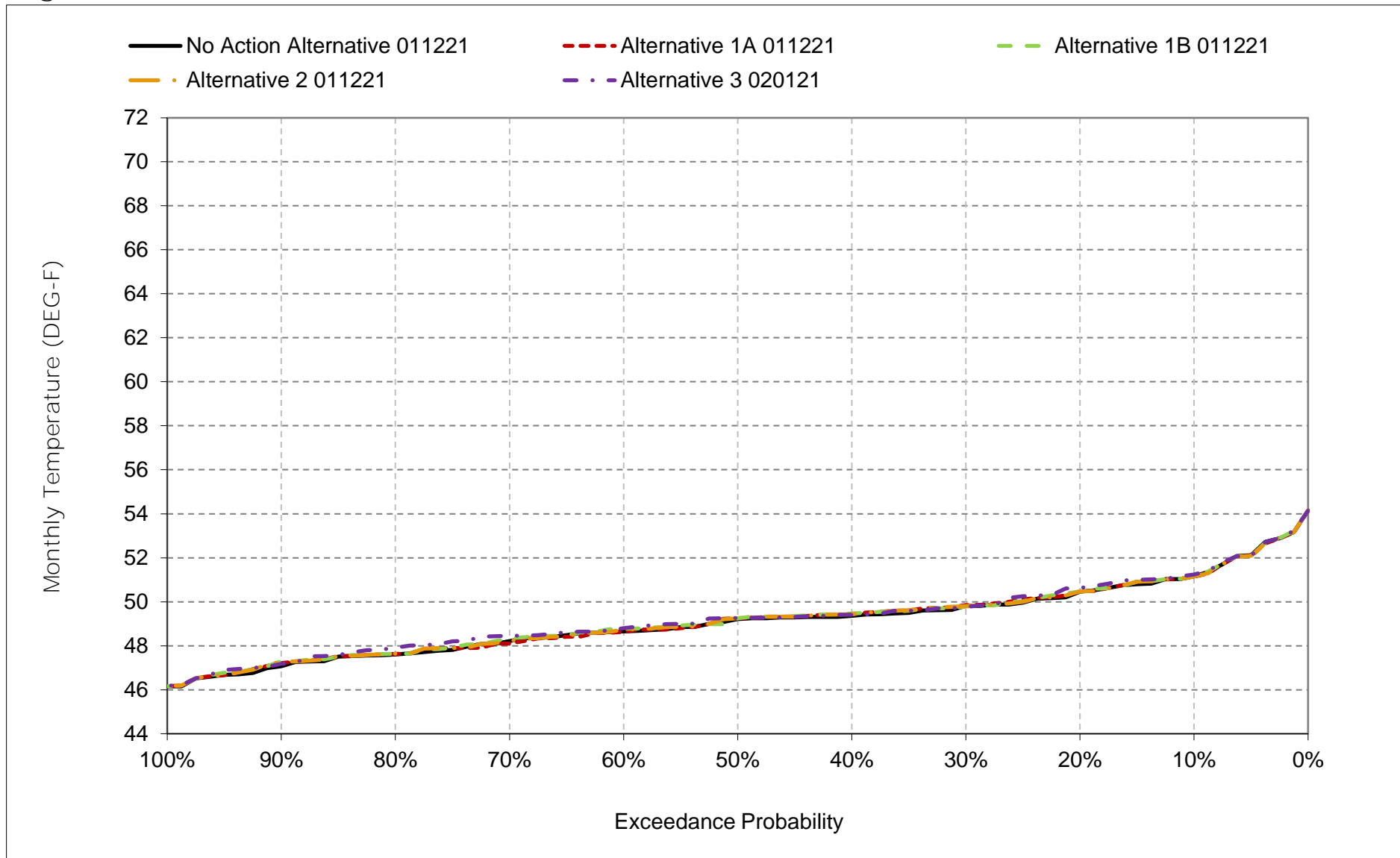
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-14-8. American River at Watt Avenue, November



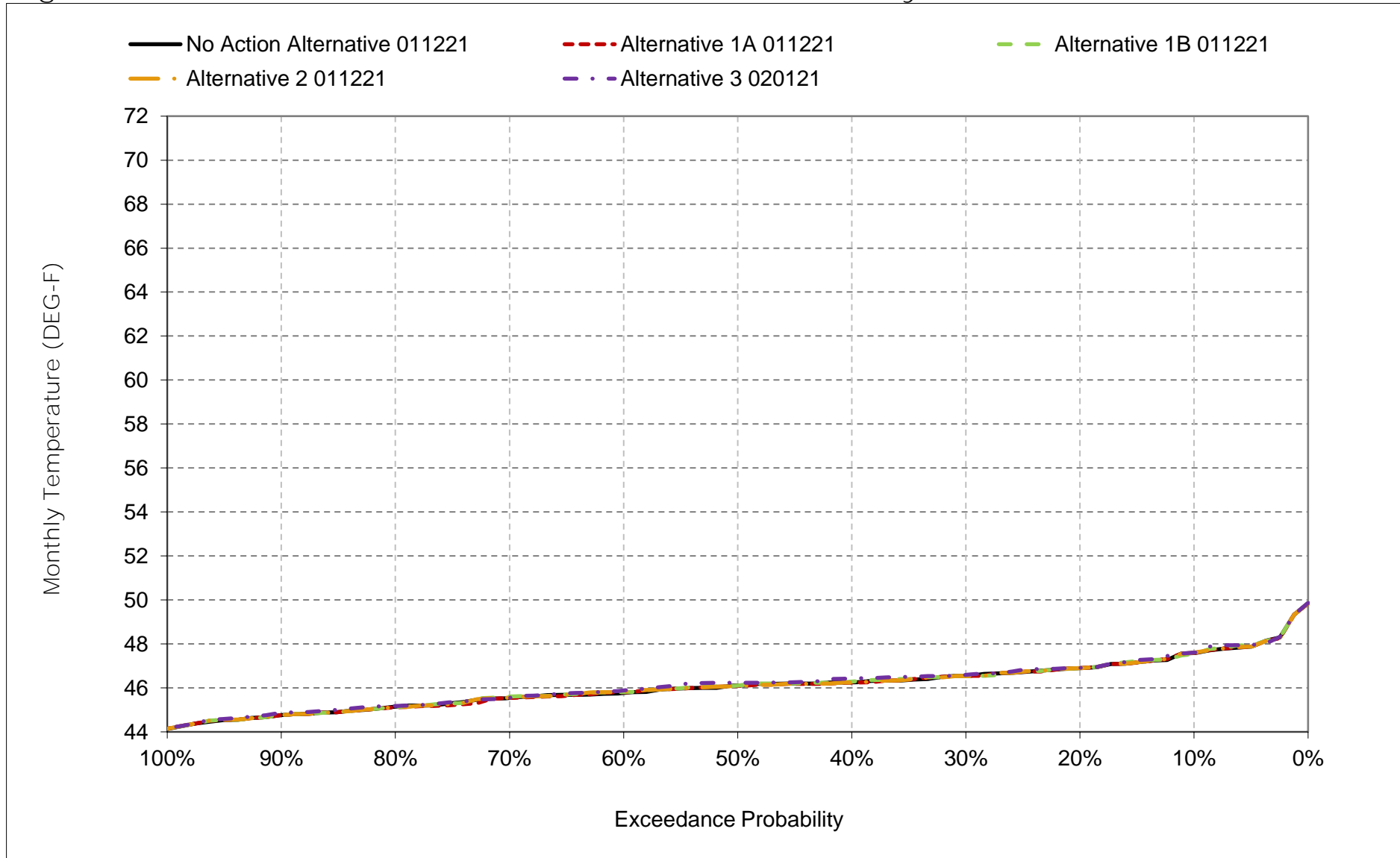
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-14-9. American River at Watt Avenue, December



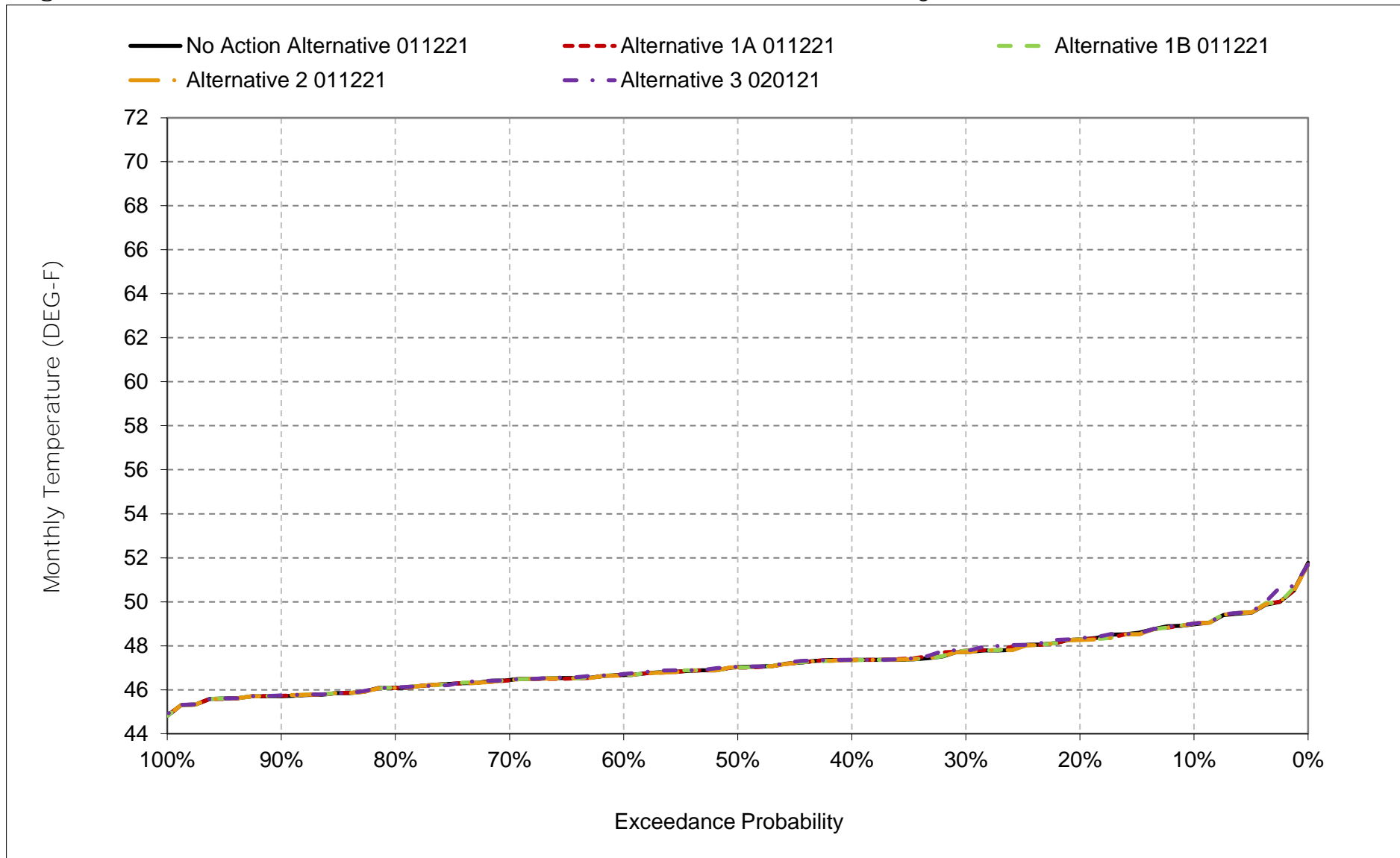
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-14-10. American River at Watt Avenue, January



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

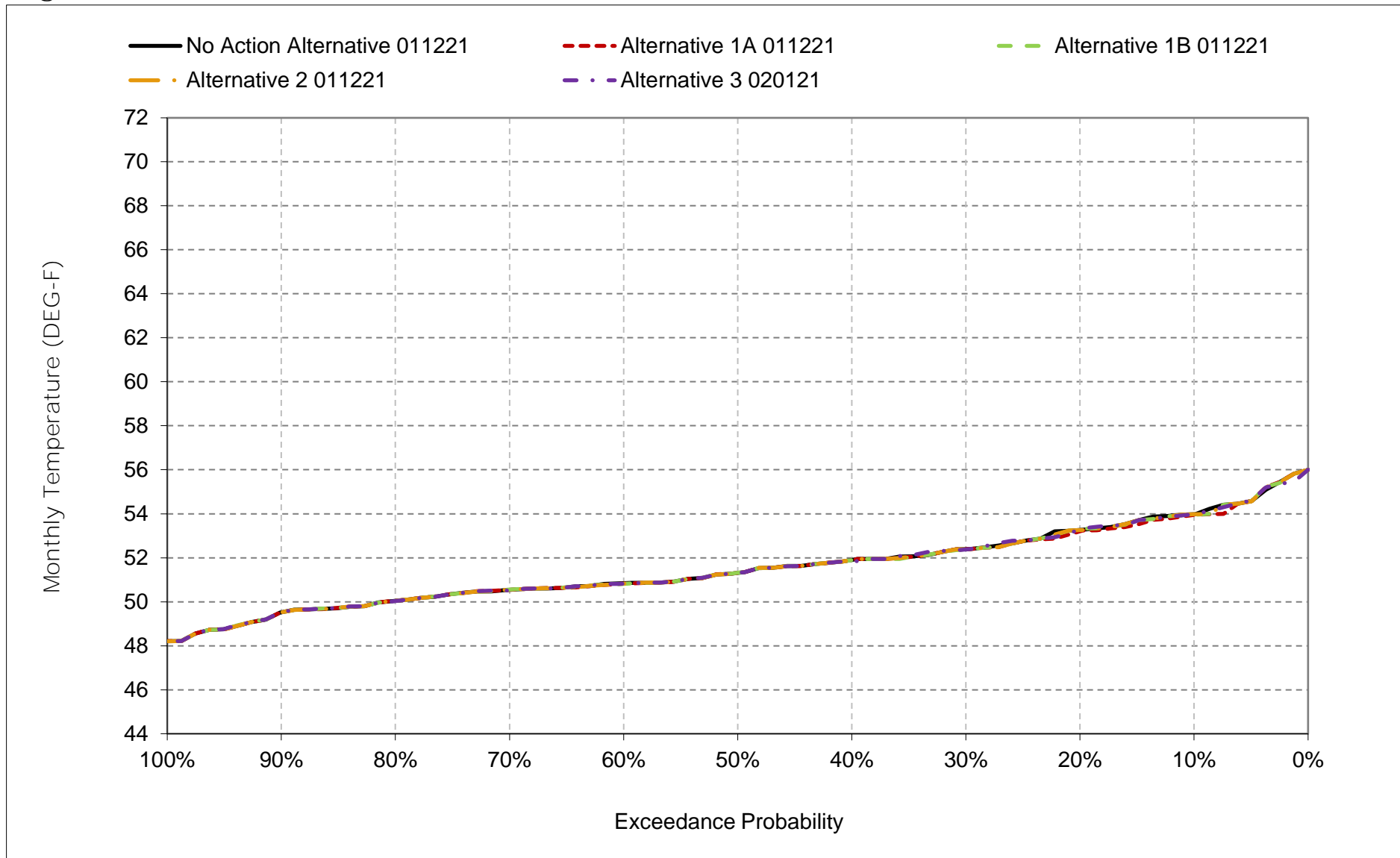
Figure 6C-14-11. American River at Watt Avenue, February



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

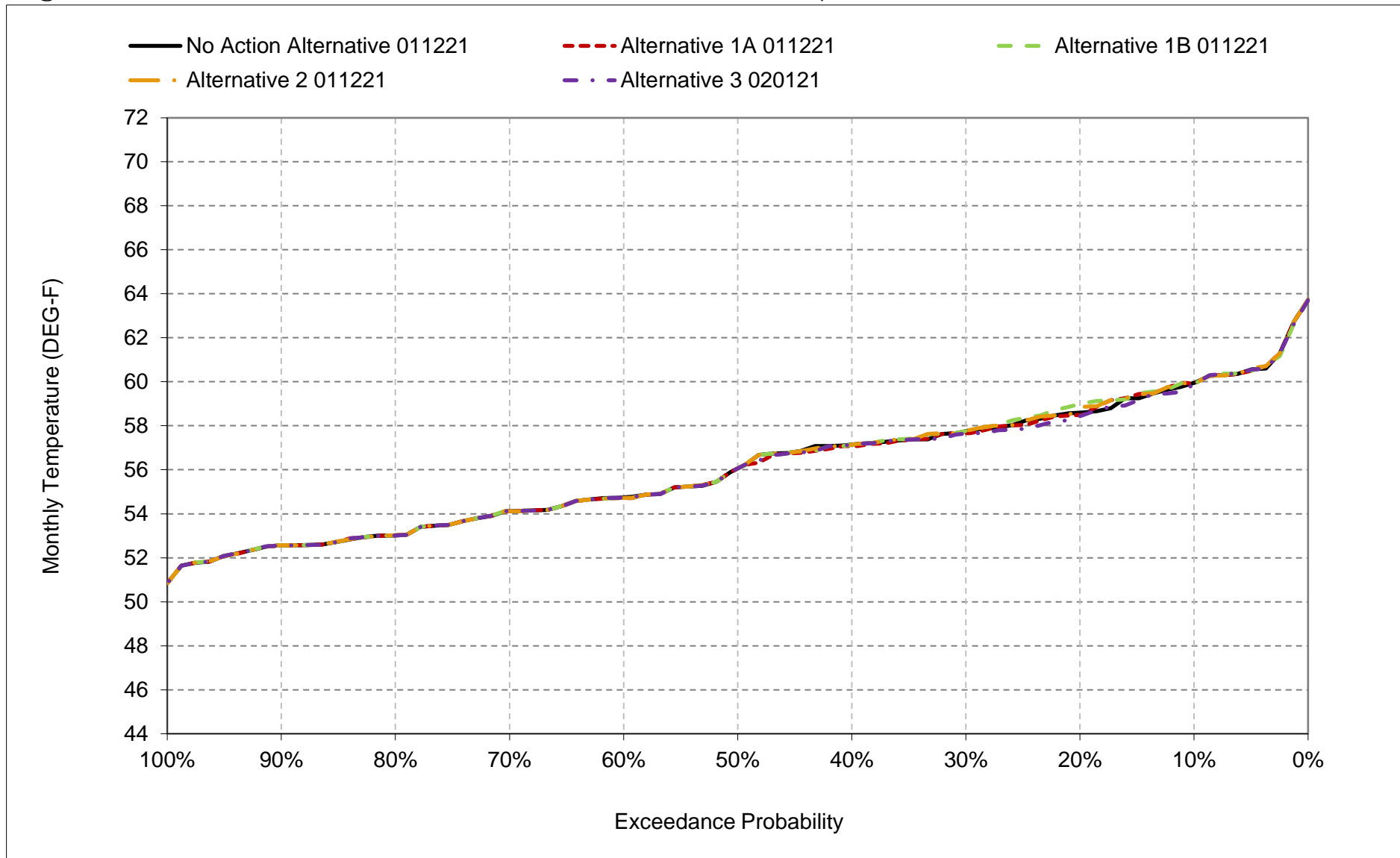


Figure 6C-14-12. American River at Watt Avenue, March



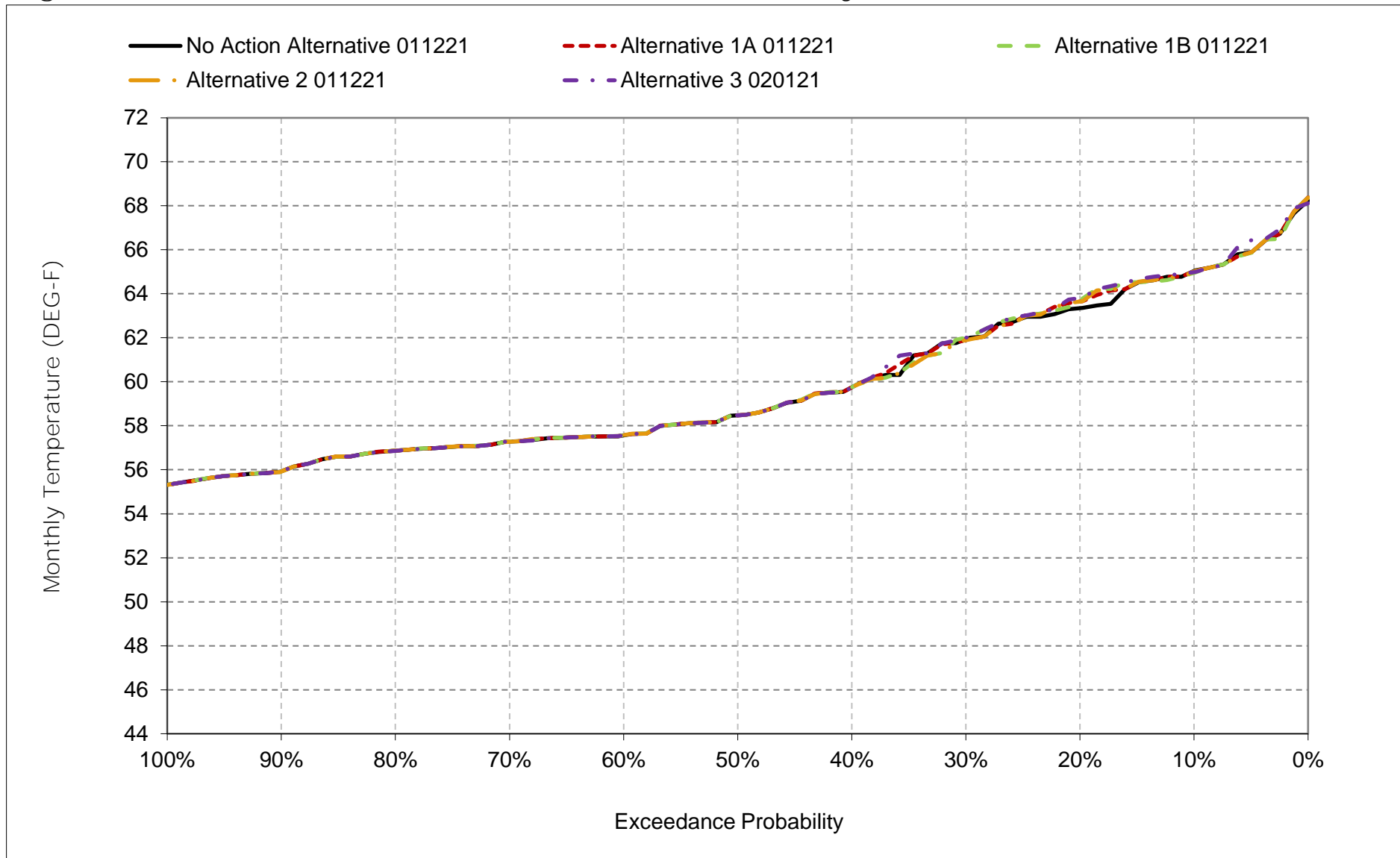
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-14-13. American River at Watt Avenue, April



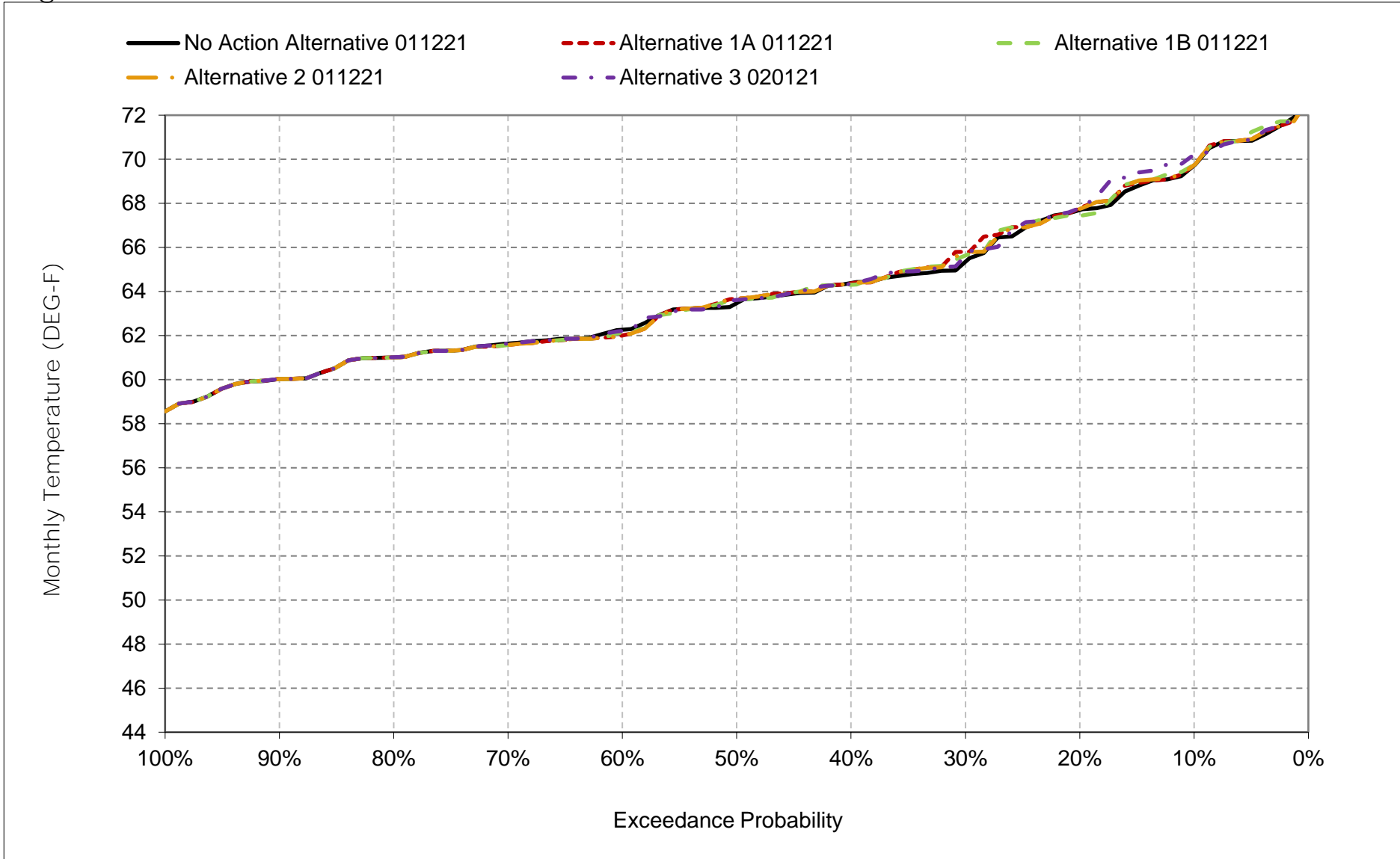
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-14-14. American River at Watt Avenue, May



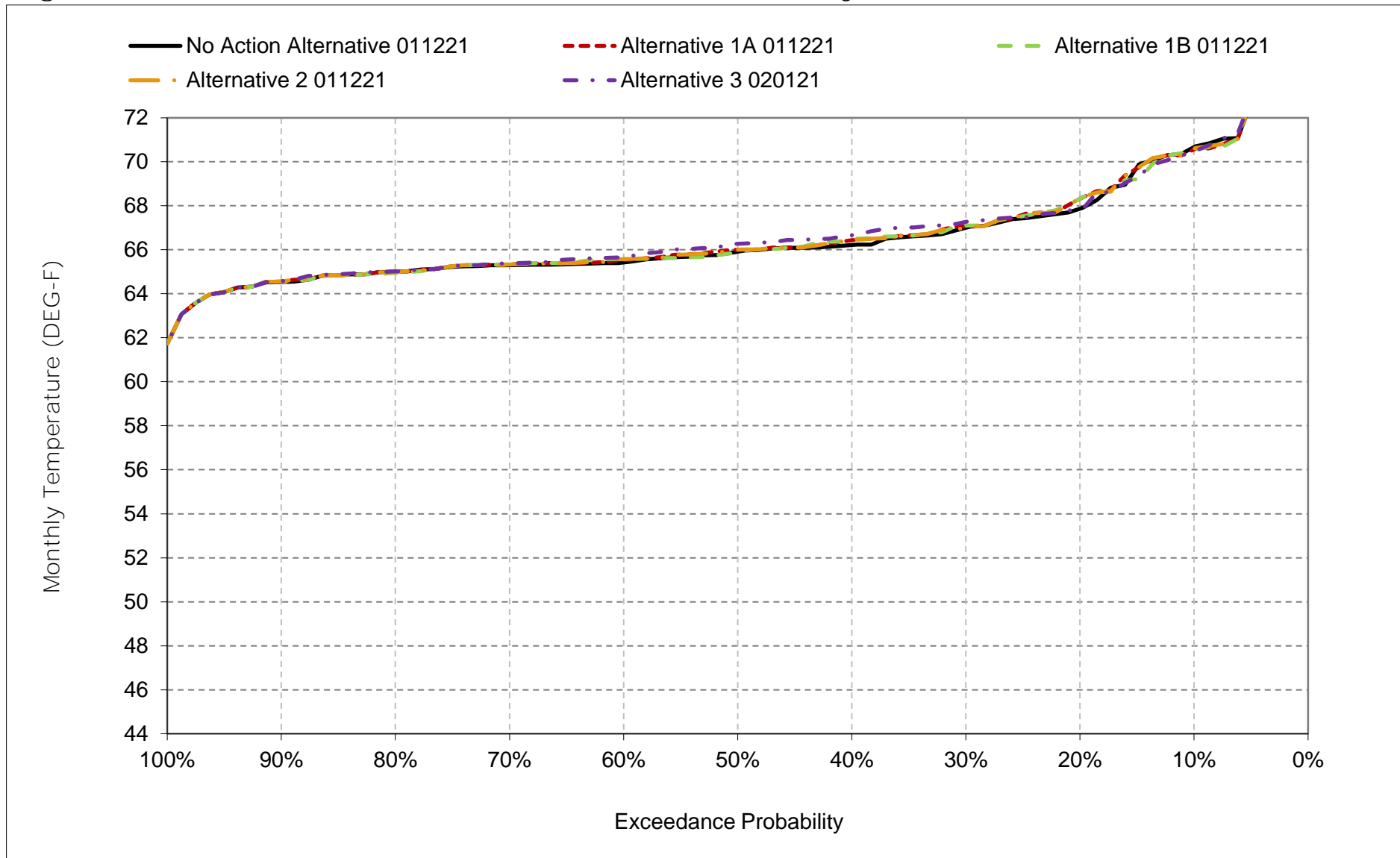
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-14-15. American River at Watt Avenue, June



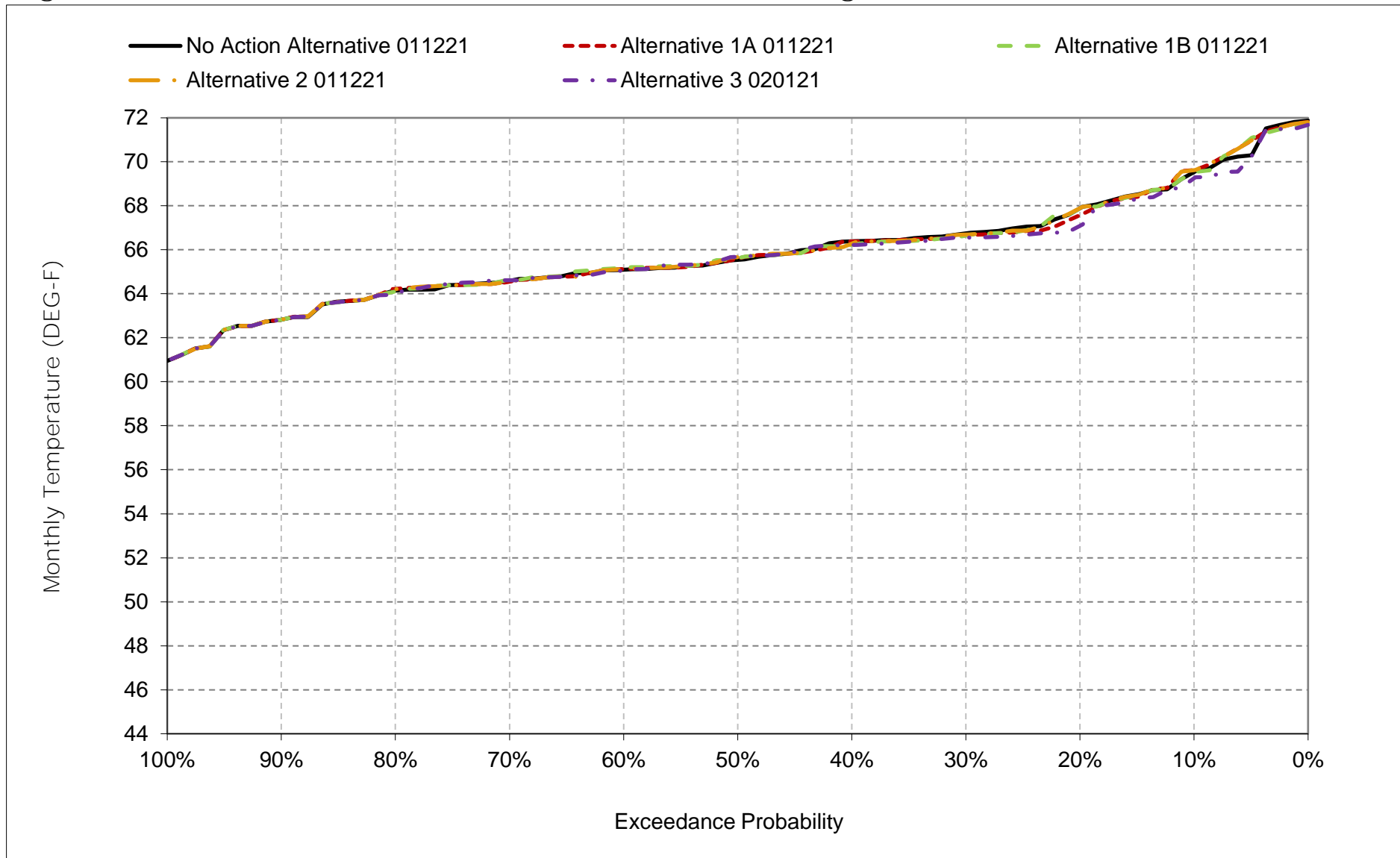
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-14-16. American River at Watt Avenue, July



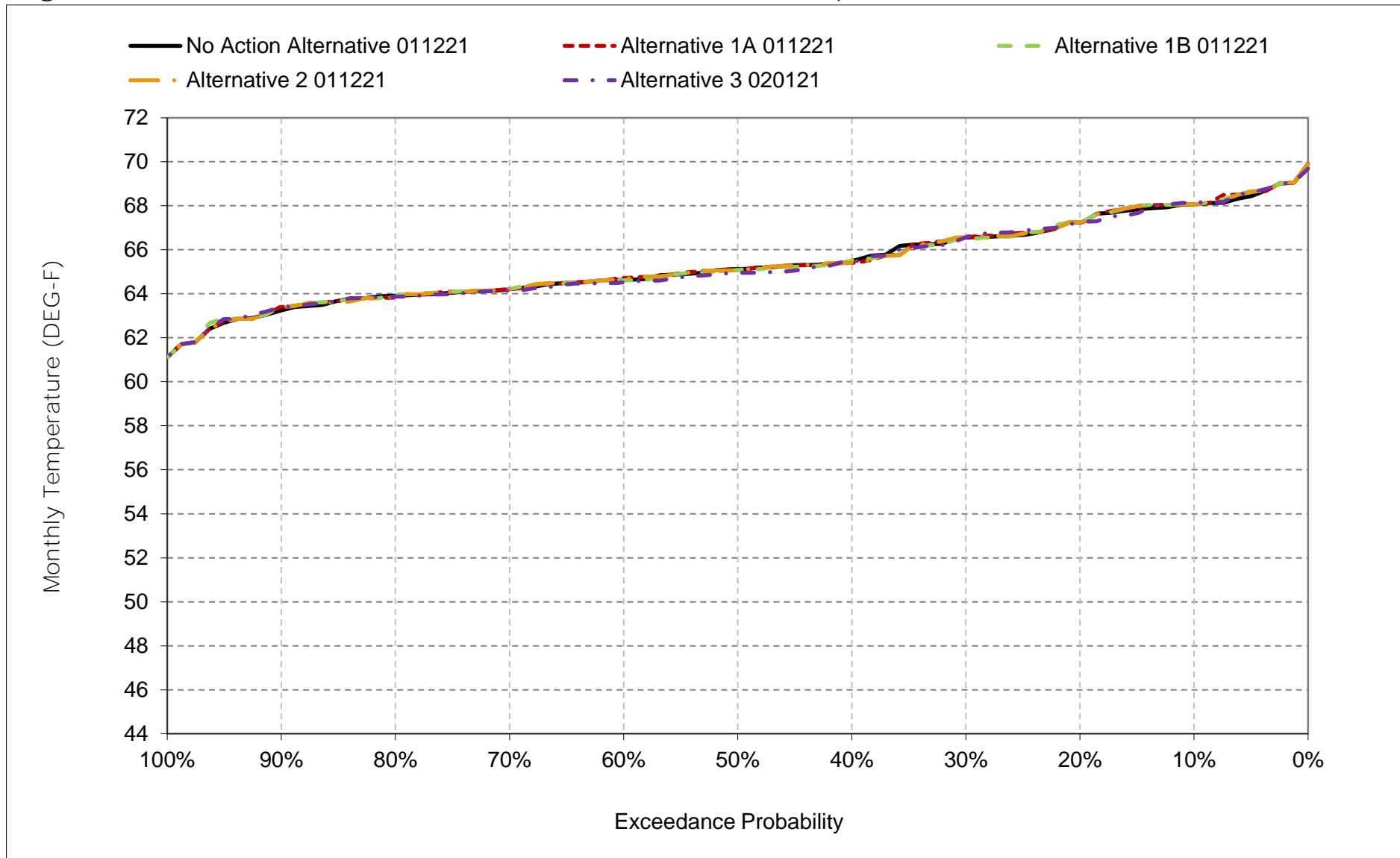
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-14-17. American River at Watt Avenue, August



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-14-18. American River at Watt Avenue, September



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-15-1a. American River at the Mouth, No Action Alternative 011221, Monthly Temperature (above the confluence with the Sacramento River) (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	65.6	57.0	51.0	47.8	50.2	56.6	63.3	68.4	74.2	74.2	73.6	70.8
20%	64.3	56.5	50.2	47.2	49.2	55.3	61.3	66.9	70.9	71.6	71.0	69.3
30%	63.5	56.3	49.5	46.9	48.5	54.2	60.3	65.0	67.9	69.9	69.8	68.1
40%	62.8	56.0	49.2	46.6	48.1	53.5	59.4	62.3	67.1	68.9	69.4	67.5
50%	62.6	55.8	49.0	46.4	47.7	52.9	58.3	60.2	66.2	68.5	68.4	66.9
60%	62.4	55.3	48.5	46.1	47.3	52.1	56.4	59.1	64.9	68.0	67.8	66.4
70%	61.7	55.2	48.0	45.7	46.9	51.6	55.5	58.6	64.1	67.8	67.1	66.1
80%	60.9	54.8	47.6	45.3	46.5	51.1	54.0	58.2	63.2	67.3	66.4	65.8
90%	59.7	54.5	46.8	44.9	46.0	50.2	53.5	56.9	61.5	66.8	65.2	65.1
Long Term												
Full Simulation Period <sup>a</sup>	62.6	55.7	48.9	46.4	47.9	53.1	58.1	62.0	66.9	69.5	68.9	67.5
Water Year Types <sup>b,c</sup>												
Wet (32%)	61.0	56.0	50.0	45.8	46.7	51.1	54.8	58.4	63.0	67.6	66.3	65.9
Above Normal (15%)	62.3	55.2	48.7	46.8	47.6	51.8	56.5	60.0	65.6	68.1	67.7	66.4
Below Normal (17%)	62.3	55.2	48.4	46.4	47.4	53.1	58.6	61.5	67.0	67.9	69.0	66.8
Dry (22%)	63.9	55.8	48.5	46.4	48.7	54.3	60.8	64.9	69.6	70.5	70.1	68.6
Critical (15%)	64.9	56.0	48.2	47.0	50.4	56.7	62.5	67.9	72.9	75.5	73.7	71.5

Table 6C-15-1b. American River at the Mouth, Alternative 1A 011221, Monthly Temperature (above the confluence with the Sacramento River) (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	65.8	57.1	51.0	47.8	50.2	56.1	63.3	68.4	74.2	74.1	74.1	70.8
20%	64.1	56.5	50.2	47.2	49.3	55.3	61.5	67.2	70.7	72.1	70.9	69.3
30%	63.5	56.2	49.6	46.9	48.6	54.2	60.4	64.8	68.3	70.0	69.8	68.2
40%	62.8	56.0	49.3	46.6	48.1	53.5	59.3	62.3	67.2	68.9	69.3	67.4
50%	62.6	55.8	49.1	46.4	47.7	52.9	58.1	60.2	66.3	68.5	68.5	66.9
60%	62.4	55.3	48.6	46.1	47.2	52.1	56.4	59.1	64.7	68.1	67.8	66.3
70%	61.7	55.1	48.0	45.7	46.9	51.6	55.5	58.6	64.1	67.7	67.2	66.1
80%	60.9	54.8	47.5	45.3	46.5	51.1	54.0	58.2	63.2	67.4	66.4	65.8
90%	59.7	54.3	47.1	44.9	46.0	50.2	53.5	56.9	61.5	66.8	65.2	65.2
Long Term												
Full Simulation Period <sup>a</sup>	62.6	55.7	49.0	46.4	47.9	53.0	58.1	62.0	67.0	69.6	68.9	67.5
Water Year Types <sup>b,c</sup>												
Wet (32%)	61.0	56.0	50.0	45.8	46.7	51.1	54.8	58.4	63.0	67.6	66.3	65.9
Above Normal (15%)	62.2	55.2	48.7	46.8	47.6	51.8	56.5	60.0	65.7	68.2	67.8	66.3
Below Normal (17%)	62.3	55.2	48.5	46.5	47.4	53.1	58.6	61.5	67.0	68.0	69.0	66.8
Dry (22%)	63.8	55.8	48.6	46.4	48.7	54.3	60.8	64.9	69.6	70.7	70.1	68.6
Critical (15%)	65.0	56.0	48.3	46.9	50.5	56.5	62.5	68.1	73.1	75.6	73.8	71.6

Table 6C-15-1c. American River at the Mouth, Alternative 1A 011221 minus No Action Alternative 011221, Monthly Temperature (above the confluence with the Sacramento River) (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.2	0.0	0.0	0.0	0.0	-0.5	0.0	0.0	0.0	-0.2	0.5	0.0
20%	-0.1	0.0	0.0	0.1	0.0	-0.1	0.2	0.3	-0.2	0.4	-0.2	0.0
30%	0.0	-0.1	0.1	0.1	0.1	0.0	0.1	-0.2	0.3	0.1	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	0.0	-0.1	-0.1
50%	0.0	0.0	0.1	0.0	0.0	0.0	-0.3	0.0	0.1	0.0	0.1	0.1
60%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	-0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.0
Dry (22%)	-0.1	0.0	0.1	0.0	0.0	0.0	0.1	-0.1	0.1	0.2	0.0	0.0
Critical (15%)	0.1	0.0	0.0	0.0	0.1	-0.2	0.0	0.2	0.2	0.0	0.1	0.1

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.



Table 6C-15-2a. American River at the Mouth, No Action Alternative 011221, Monthly Temperature (above the confluence with the Sacramento River) (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	65.6	57.0	51.0	47.8	50.2	56.6	63.3	68.4	74.2	74.2	73.6	70.8
20%	64.3	56.5	50.2	47.2	49.2	55.3	61.3	66.9	70.9	71.6	71.0	69.3
30%	63.5	56.3	49.5	46.9	48.5	54.2	60.3	65.0	67.9	69.9	69.8	68.1
40%	62.8	56.0	49.2	46.6	48.1	53.5	59.4	62.3	67.1	68.9	69.4	67.5
50%	62.6	55.8	49.0	46.4	47.7	52.9	58.3	60.2	66.2	68.5	68.4	66.9
60%	62.4	55.3	48.5	46.1	47.3	52.1	56.4	59.1	64.9	68.0	67.8	66.4
70%	61.7	55.2	48.0	45.7	46.9	51.6	55.5	58.6	64.1	67.8	67.1	66.1
80%	60.9	54.8	47.6	45.3	46.5	51.1	54.0	58.2	63.2	67.3	66.4	65.8
90%	59.7	54.5	46.8	44.9	46.0	50.2	53.5	56.9	61.5	66.8	65.2	65.1
Long Term												
Full Simulation Period <sup>a</sup>	62.6	55.7	48.9	46.4	47.9	53.1	58.1	62.0	66.9	69.5	68.9	67.5
Water Year Types <sup>b,c</sup>												
Wet (32%)	61.0	56.0	50.0	45.8	46.7	51.1	54.8	58.4	63.0	67.6	66.3	65.9
Above Normal (15%)	62.3	55.2	48.7	46.8	47.6	51.8	56.5	60.0	65.6	68.1	67.7	66.4
Below Normal (17%)	62.3	55.2	48.4	46.4	47.4	53.1	58.6	61.5	67.0	67.9	69.0	66.8
Dry (22%)	63.9	55.8	48.5	46.4	48.7	54.3	60.8	64.9	69.6	70.5	70.1	68.6
Critical (15%)	64.9	56.0	48.2	47.0	50.4	56.7	62.5	67.9	72.9	75.5	73.7	71.5

Table 6C-15-2b. American River at the Mouth, Alternative 1B 011221, Monthly Temperature (above the confluence with the Sacramento River) (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	65.6	57.1	51.0	47.8	50.2	56.6	63.3	68.4	74.0	73.8	73.6	70.8
20%	64.1	56.5	50.3	47.2	49.1	55.3	61.7	67.2	70.6	72.1	71.0	69.4
30%	63.5	56.2	49.5	46.9	48.5	54.2	60.7	65.2	68.1	69.9	69.9	68.1
40%	62.8	56.1	49.3	46.7	48.1	53.5	59.4	62.3	67.2	68.9	69.2	67.4
50%	62.6	55.8	49.0	46.4	47.7	52.9	58.3	60.2	66.3	68.5	68.7	67.0
60%	62.3	55.3	48.6	46.1	47.3	52.1	56.4	59.1	64.9	68.1	67.9	66.4
70%	61.7	55.1	48.0	45.7	46.9	51.6	55.5	58.6	64.1	67.8	67.2	66.1
80%	60.9	54.8	47.6	45.4	46.5	51.1	54.0	58.2	63.2	67.4	66.4	65.7
90%	59.7	54.5	47.1	44.9	46.0	50.2	53.5	56.9	61.5	66.7	65.2	65.2
Long Term												
Full Simulation Period <sup>a</sup>	62.6	55.7	49.0	46.4	47.9	53.1	58.2	62.0	67.0	69.6	69.0	67.5
Water Year Types <sup>b,c</sup>												
Wet (32%)	61.0	56.0	50.0	45.8	46.7	51.1	54.8	58.5	63.0	67.6	66.3	65.9
Above Normal (15%)	62.3	55.3	48.7	46.8	47.6	51.8	56.5	60.0	65.7	68.2	67.9	66.4
Below Normal (17%)	62.3	55.2	48.5	46.5	47.4	53.1	58.6	61.5	67.0	68.0	69.0	66.8
Dry (22%)	63.8	55.7	48.6	46.4	48.7	54.3	60.9	65.0	69.6	70.6	70.0	68.5
Critical (15%)	64.9	56.0	48.3	47.0	50.3	56.7	62.7	68.0	73.0	75.7	74.0	71.6

Table 6C-15-2c. American River at the Mouth, Alternative 1B 011221 minus No Action Alternative 011221, Monthly Temperature (above the confluence with the Sacramento River) (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	-0.4	0.1	0.0
20%	-0.1	0.0	0.1	0.1	-0.1	0.0	0.4	0.3	-0.3	0.4	0.0	0.0
30%	0.0	-0.1	0.1	0.0	0.0	0.0	0.4	0.2	0.2	0.0	0.1	0.0
40%	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	-0.1
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.1
60%	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
70%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
90%	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.1	0.1
Below Normal (17%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Dry (22%)	-0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.1	-0.1	0.0
Critical (15%)	0.0	0.0	0.1	0.0	0.0	-0.1	0.2	0.1	0.1	0.2	0.3	0.0

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-15-3a. American River at the Mouth, No Action Alternative 011221, Monthly Temperature (above the confluence with the Sacramento River) (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	65.6	57.0	51.0	47.8	50.2	56.6	63.3	68.4	74.2	74.2	73.6	70.8
20%	64.3	56.5	50.2	47.2	49.2	55.3	61.3	66.9	70.9	71.6	71.0	69.3
30%	63.5	56.3	49.5	46.9	48.5	54.2	60.3	65.0	67.9	69.9	69.8	68.1
40%	62.8	56.0	49.2	46.6	48.1	53.5	59.4	62.3	67.1	68.9	69.4	67.5
50%	62.6	55.8	49.0	46.4	47.7	52.9	58.3	60.2	66.2	68.5	68.4	66.9
60%	62.4	55.3	48.5	46.1	47.3	52.1	56.4	59.1	64.9	68.0	67.8	66.4
70%	61.7	55.2	48.0	45.7	46.9	51.6	55.5	58.6	64.1	67.8	67.1	66.1
80%	60.9	54.8	47.6	45.3	46.5	51.1	54.0	58.2	63.2	67.3	66.4	65.8
90%	59.7	54.5	46.8	44.9	46.0	50.2	53.5	56.9	61.5	66.8	65.2	65.1
Long Term												
Full Simulation Period <sup>a</sup>	62.6	55.7	48.9	46.4	47.9	53.1	58.1	62.0	66.9	69.5	68.9	67.5
Water Year Types <sup>b,c</sup>												
Wet (32%)	61.0	56.0	50.0	45.8	46.7	51.1	54.8	58.4	63.0	67.6	66.3	65.9
Above Normal (15%)	62.3	55.2	48.7	46.8	47.6	51.8	56.5	60.0	65.6	68.1	67.7	66.4
Below Normal (17%)	62.3	55.2	48.4	46.4	47.4	53.1	58.6	61.5	67.0	67.9	69.0	66.8
Dry (22%)	63.9	55.8	48.5	46.4	48.7	54.3	60.8	64.9	69.6	70.5	70.1	68.6
Critical (15%)	64.9	56.0	48.2	47.0	50.4	56.7	62.5	67.9	72.9	75.5	73.7	71.5

Table 6C-15-3b. American River at the Mouth, Alternative 2 011221, Monthly Temperature (above the confluence with the Sacramento River) (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	65.6	57.1	51.0	47.8	50.2	56.6	63.3	68.4	74.2	74.1	74.1	70.8
20%	64.1	56.5	50.2	47.2	49.1	55.3	61.4	67.2	70.8	72.1	71.0	69.3
30%	63.5	56.2	49.6	46.9	48.5	54.2	60.5	64.7	68.2	70.0	69.8	68.1
40%	62.8	56.0	49.3	46.6	48.1	53.5	59.4	62.3	67.2	68.9	69.3	67.4
50%	62.6	55.8	49.1	46.4	47.7	52.9	58.3	60.2	66.3	68.5	68.7	66.9
60%	62.4	55.3	48.6	46.1	47.2	52.1	56.4	59.1	64.7	68.1	67.8	66.3
70%	61.7	55.1	48.0	45.7	46.9	51.6	55.5	58.6	64.1	67.8	67.2	66.1
80%	60.9	54.8	47.5	45.3	46.5	51.1	54.0	58.2	63.2	67.4	66.4	65.8
90%	59.7	54.3	47.1	44.9	46.0	50.2	53.5	56.9	61.5	66.8	65.2	65.2
Long Term												
Full Simulation Period <sup>a</sup>	62.6	55.7	49.0	46.4	47.9	53.1	58.2	62.0	67.0	69.6	68.9	67.5
Water Year Types <sup>b,c</sup>												
Wet (32%)	61.0	56.0	50.0	45.8	46.7	51.1	54.8	58.4	63.0	67.6	66.3	65.9
Above Normal (15%)	62.2	55.2	48.7	46.8	47.6	51.8	56.5	60.0	65.7	68.2	67.8	66.3
Below Normal (17%)	62.3	55.2	48.5	46.5	47.4	53.1	58.6	61.5	67.0	68.0	69.0	66.8
Dry (22%)	63.8	55.8	48.6	46.4	48.7	54.3	60.8	64.9	69.6	70.7	70.1	68.6
Critical (15%)	64.9	56.0	48.3	47.0	50.3	56.7	62.7	68.0	73.0	75.6	74.0	71.6

Table 6C-15-3c. American River at the Mouth, Alternative 2 011221 minus No Action Alternative 011221, Monthly Temperature (above the confluence with the Sacramento River) (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.5	0.0
20%	-0.1	0.0	0.0	0.0	-0.2	0.0	0.2	0.3	-0.2	0.4	0.0	0.0
30%	0.0	-0.1	0.1	0.1	0.0	0.0	0.2	-0.3	0.3	0.1	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	-0.1
50%	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.0
60%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
90%	0.0	-0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Below Normal (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.0
Dry (22%)	-0.1	0.0	0.1	0.0	0.0	0.0	0.1	-0.1	0.1	0.2	0.0	0.0
Critical (15%)	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.1	0.1	0.0	0.3	0.0

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-15-4a. American River at the Mouth, No Action Alternative 011221, Monthly Temperature (above the confluence with the Sacramento River) (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	65.6	57.0	51.0	47.8	50.2	56.6	63.3	68.4	74.2	74.2	73.6	70.8
20%	64.3	56.5	50.2	47.2	49.2	55.3	61.3	66.9	70.9	71.6	71.0	69.3
30%	63.5	56.3	49.5	46.9	48.5	54.2	60.3	65.0	67.9	69.9	69.8	68.1
40%	62.8	56.0	49.2	46.6	48.1	53.5	59.4	62.3	67.1	68.9	69.4	67.5
50%	62.6	55.8	49.0	46.4	47.7	52.9	58.3	60.2	66.2	68.5	68.4	66.9
60%	62.4	55.3	48.5	46.1	47.3	52.1	56.4	59.1	64.9	68.0	67.8	66.4
70%	61.7	55.2	48.0	45.7	46.9	51.6	55.5	58.6	64.1	67.8	67.1	66.1
80%	60.9	54.8	47.6	45.3	46.5	51.1	54.0	58.2	63.2	67.3	66.4	65.8
90%	59.7	54.5	46.8	44.9	46.0	50.2	53.5	56.9	61.5	66.8	65.2	65.1
Long Term												
Full Simulation Period <sup>a</sup>	62.6	55.7	48.9	46.4	47.9	53.1	58.1	62.0	66.9	69.5	68.9	67.5
Water Year Types <sup>b,c</sup>												
Wet (32%)	61.0	56.0	50.0	45.8	46.7	51.1	54.8	58.4	63.0	67.6	66.3	65.9
Above Normal (15%)	62.3	55.2	48.7	46.8	47.6	51.8	56.5	60.0	65.6	68.1	67.7	66.4
Below Normal (17%)	62.3	55.2	48.4	46.4	47.4	53.1	58.6	61.5	67.0	67.9	69.0	66.8
Dry (22%)	63.9	55.8	48.5	46.4	48.7	54.3	60.8	64.9	69.6	70.5	70.1	68.6
Critical (15%)	64.9	56.0	48.2	47.0	50.4	56.7	62.5	67.9	72.9	75.5	73.7	71.5

Table 6C-15-4b. American River at the Mouth, Alternative 3 020121, Monthly Temperature (above the confluence with the Sacramento River) (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	65.6	57.1	51.0	47.8	50.2	56.6	63.3	68.7	75.0	74.0	73.0	70.8
20%	64.3	56.5	50.3	47.2	49.4	55.3	61.5	67.3	72.1	71.9	70.5	69.3
30%	63.3	56.2	49.5	47.0	48.6	54.1	60.0	65.7	68.4	70.2	69.5	68.2
40%	62.9	56.0	49.3	46.7	48.1	53.5	59.3	62.3	67.3	69.6	69.2	67.5
50%	62.6	55.8	49.0	46.5	47.7	52.9	58.3	60.2	66.4	68.9	68.5	66.9
60%	62.2	55.4	48.7	46.1	47.3	52.1	56.4	59.1	65.3	68.5	67.8	66.3
70%	61.6	55.2	48.1	45.7	46.9	51.6	55.5	58.6	64.1	68.0	67.1	66.1
80%	61.0	54.9	47.8	45.4	46.5	51.1	54.0	58.2	63.2	67.5	66.4	65.8
90%	59.7	54.6	47.1	45.0	46.0	50.2	53.5	56.9	61.5	66.8	65.2	65.2
Long Term												
Full Simulation Period <sup>a</sup>	62.6	55.8	49.1	46.4	48.0	53.1	58.1	62.1	67.1	69.8	68.8	67.5
Water Year Types <sup>b,c</sup>												
Wet (32%)	61.0	56.0	50.0	45.9	46.7	51.1	54.8	58.4	63.0	67.6	66.3	65.9
Above Normal (15%)	62.1	55.4	48.9	46.9	47.6	51.8	56.5	60.0	65.8	68.8	67.7	66.6
Below Normal (17%)	62.2	55.3	48.7	46.5	47.4	53.1	58.6	61.5	67.1	68.4	69.0	66.7
Dry (22%)	63.6	55.8	48.8	46.5	48.8	54.3	60.7	65.2	69.9	71.0	69.8	68.4
Critical (15%)	65.0	55.9	48.2	47.0	50.6	56.7	62.3	68.2	73.0	75.5	73.4	71.5

Table 6C-15-4c. American River at the Mouth, Alternative 3 020121 minus No Action Alternative 011221, Monthly Temperature (above the confluence with the Sacramento River) (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.3	0.8	-0.2	-0.5	0.0
20%	0.0	0.0	0.1	0.1	0.1	0.0	0.2	0.4	1.2	0.3	-0.6	0.0
30%	-0.2	-0.1	0.0	0.1	0.1	0.0	-0.3	0.7	0.4	0.3	-0.3	0.0
40%	0.2	0.0	0.1	0.1	0.0	0.0	-0.2	0.0	0.2	0.7	-0.2	0.0
50%	0.0	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.4	0.1	0.0
60%	-0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.4	0.5	0.0	-0.1
70%	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
80%	0.0	0.2	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
90%	0.0	0.1	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Long Term												
Full Simulation Period <sup>a</sup>	-0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.2	0.3	-0.1	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	-0.1	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.7	-0.1	0.2
Below Normal (17%)	-0.1	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.0	0.0
Dry (22%)	-0.3	0.0	0.2	0.2	0.0	0.0	-0.1	0.3	0.4	0.5	-0.3	-0.1
Critical (15%)	0.2	0.0	0.0	0.0	0.2	0.0	-0.2	0.3	0.1	-0.1	-0.3	0.0

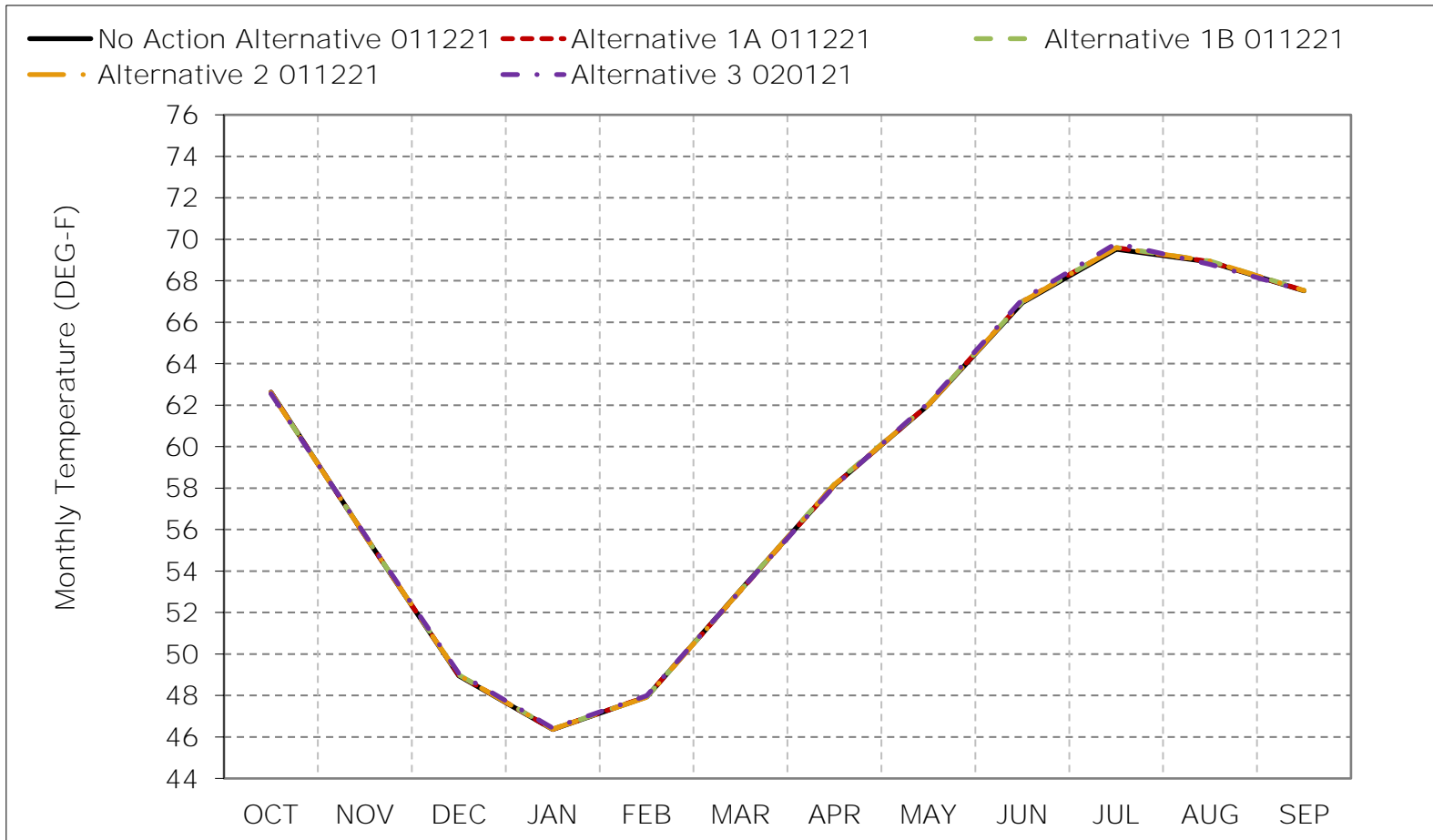
a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-15-1. American River at the Mouth, Long-Term Average Temperature

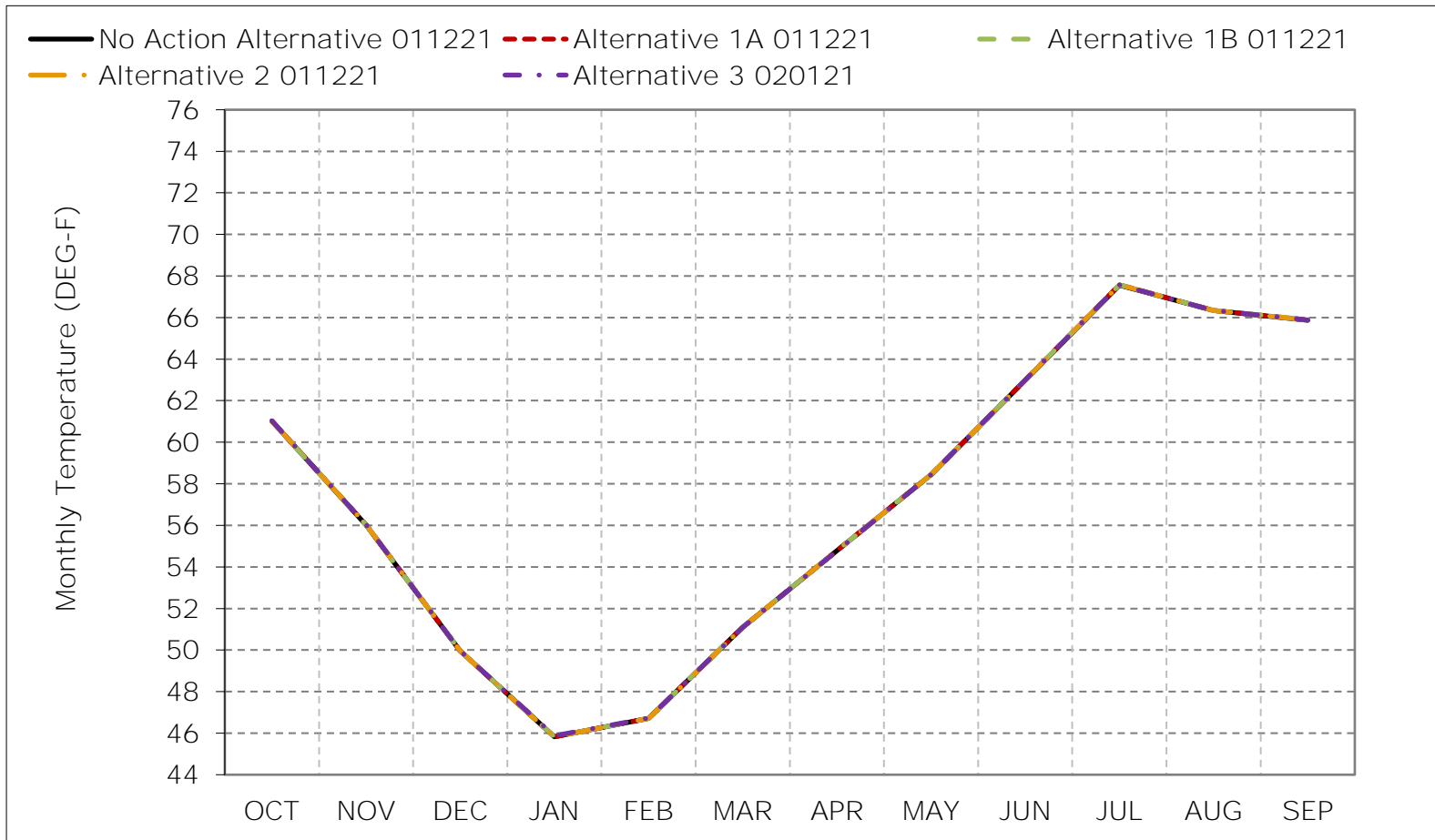


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-15-2. American River at the Mouth, Wet Year Average Temperature

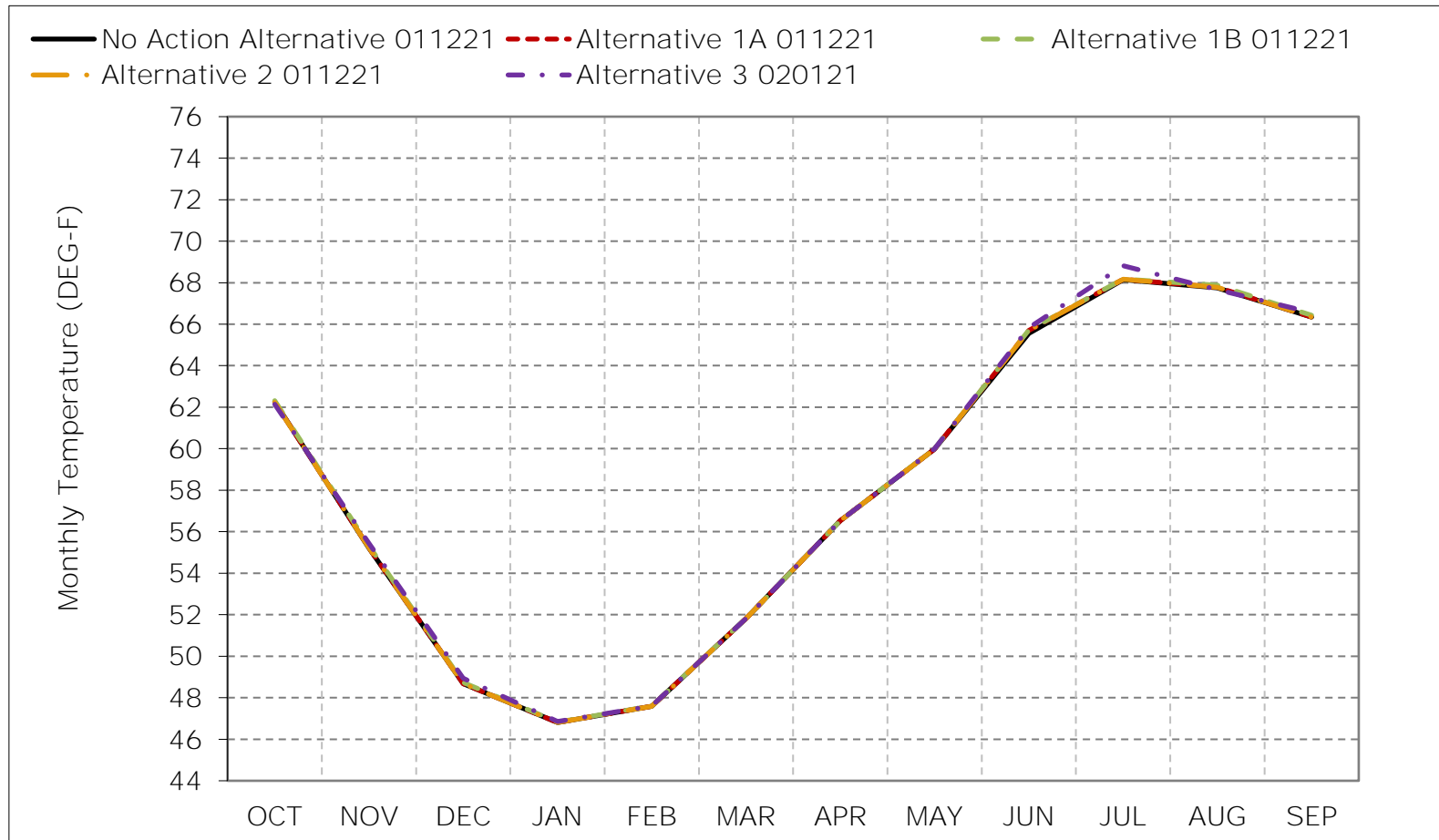


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-15-3. American River at the Mouth, Above Normal Year Average Temperature

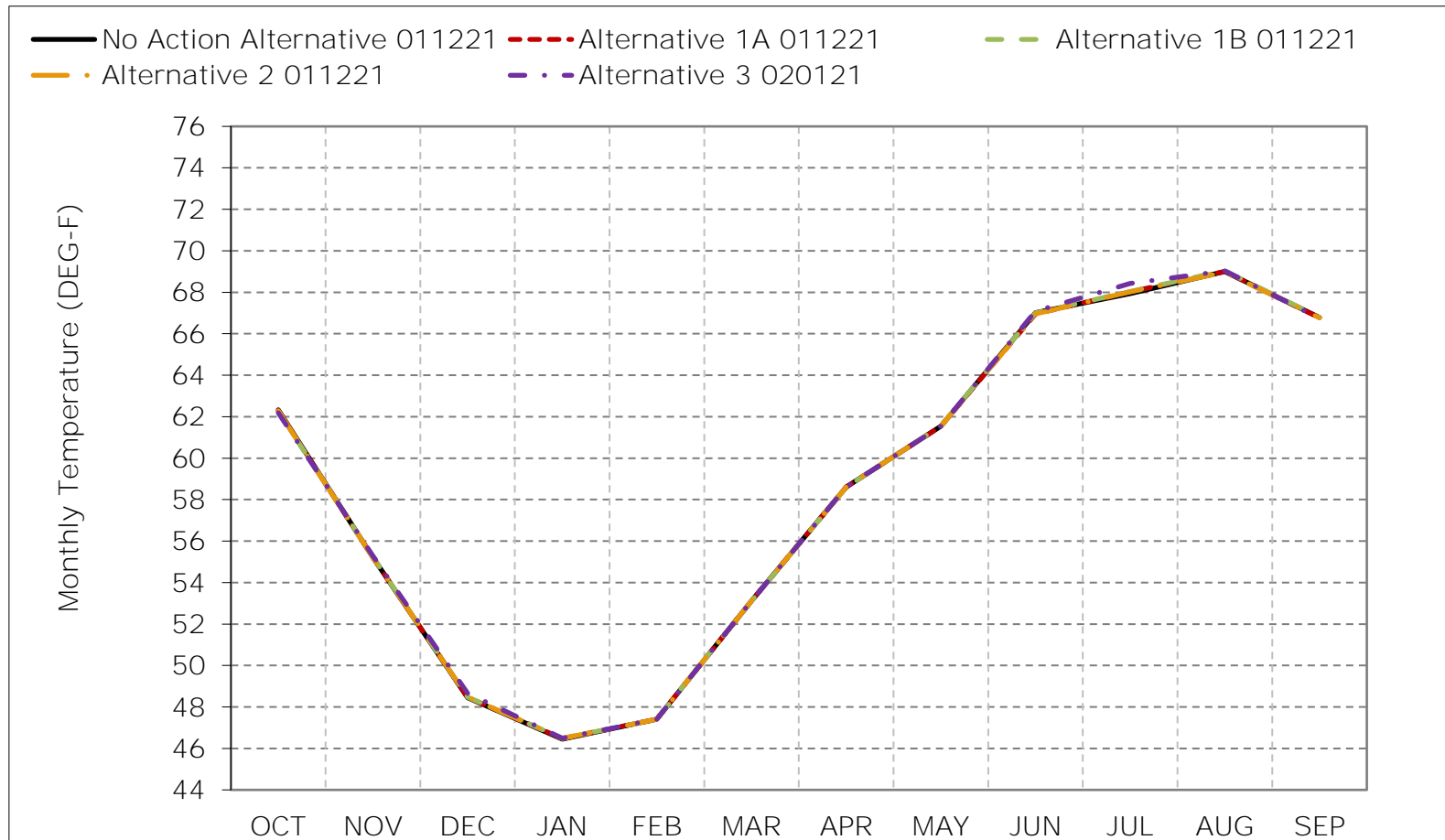


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-15-4. American River at the Mouth, Below Normal Year Average Temperature

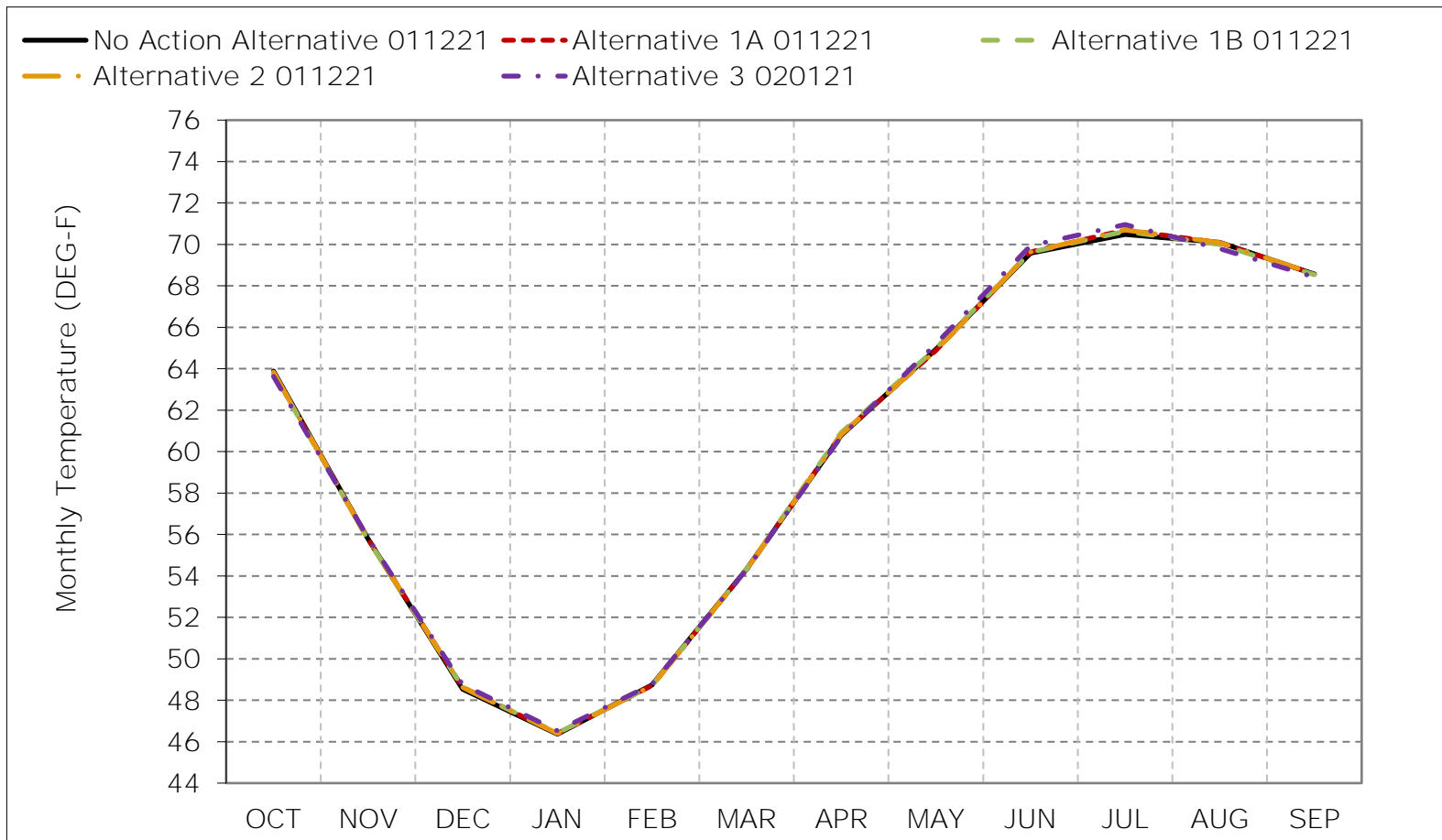


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-15-5. American River at the Mouth, Dry Year Average Temperature



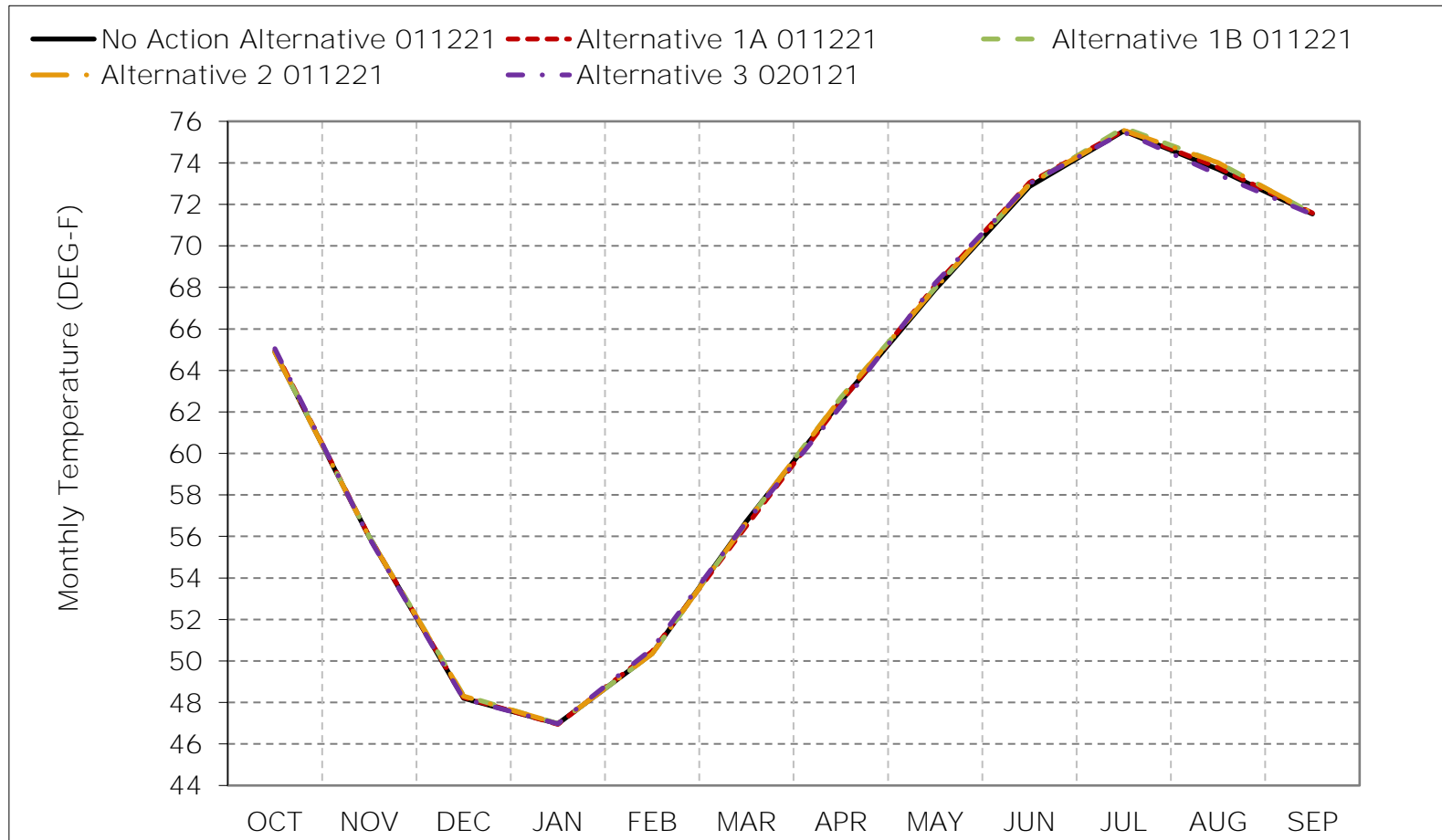
\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.



Figure 6C-15-6. American River at the Mouth, Critical Year Average Temperature

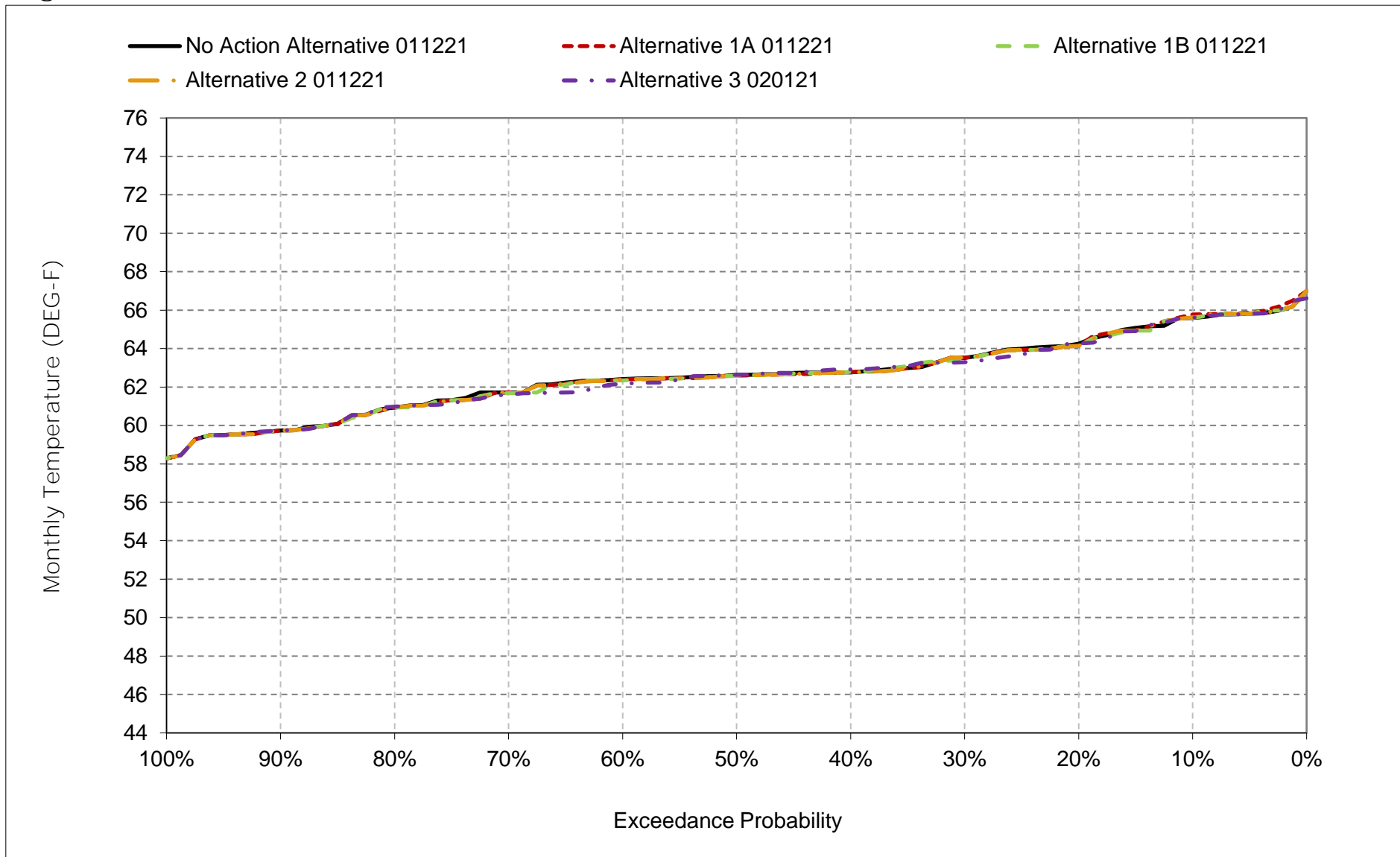


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

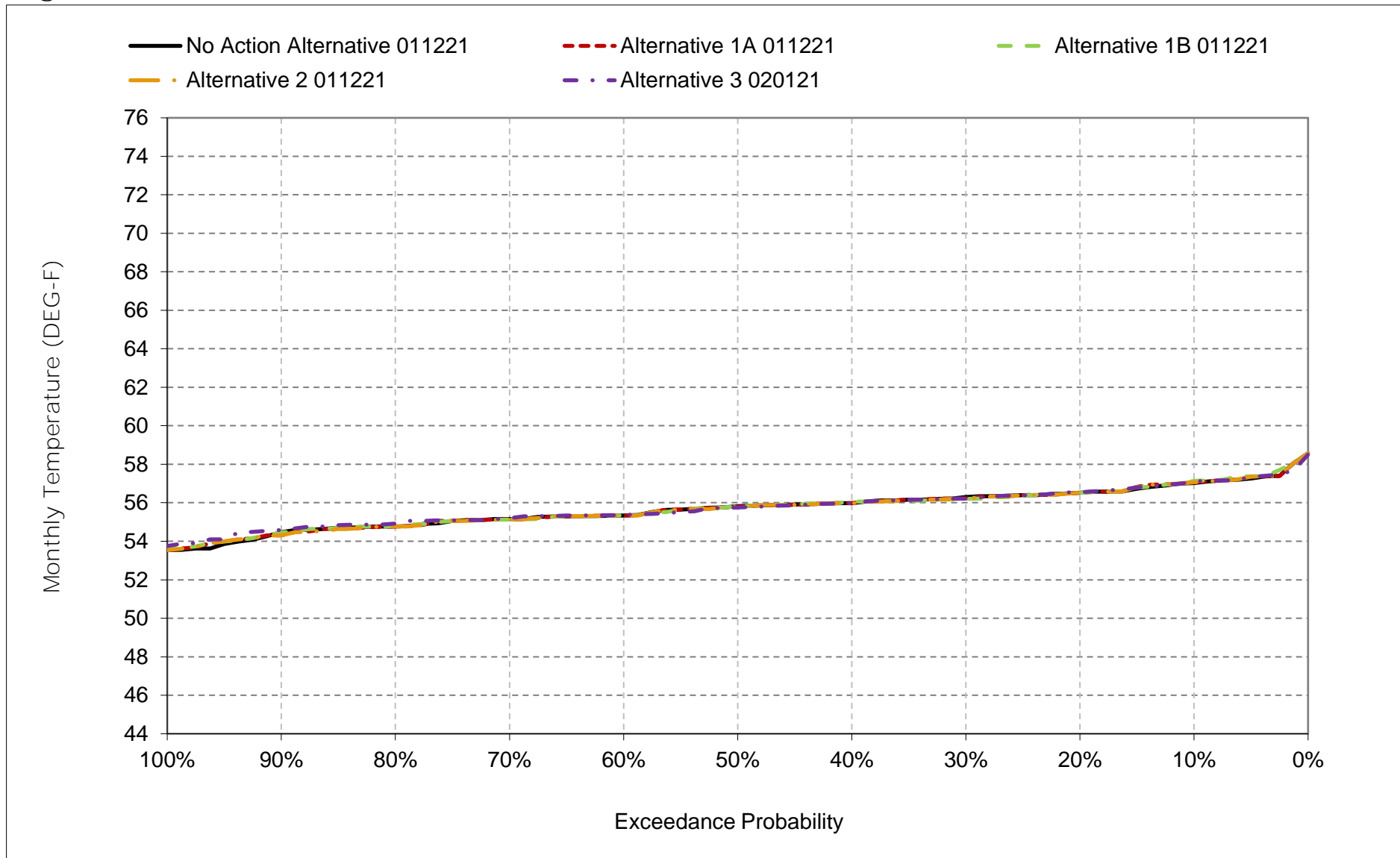
\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-15-7. American River at the Mouth, October



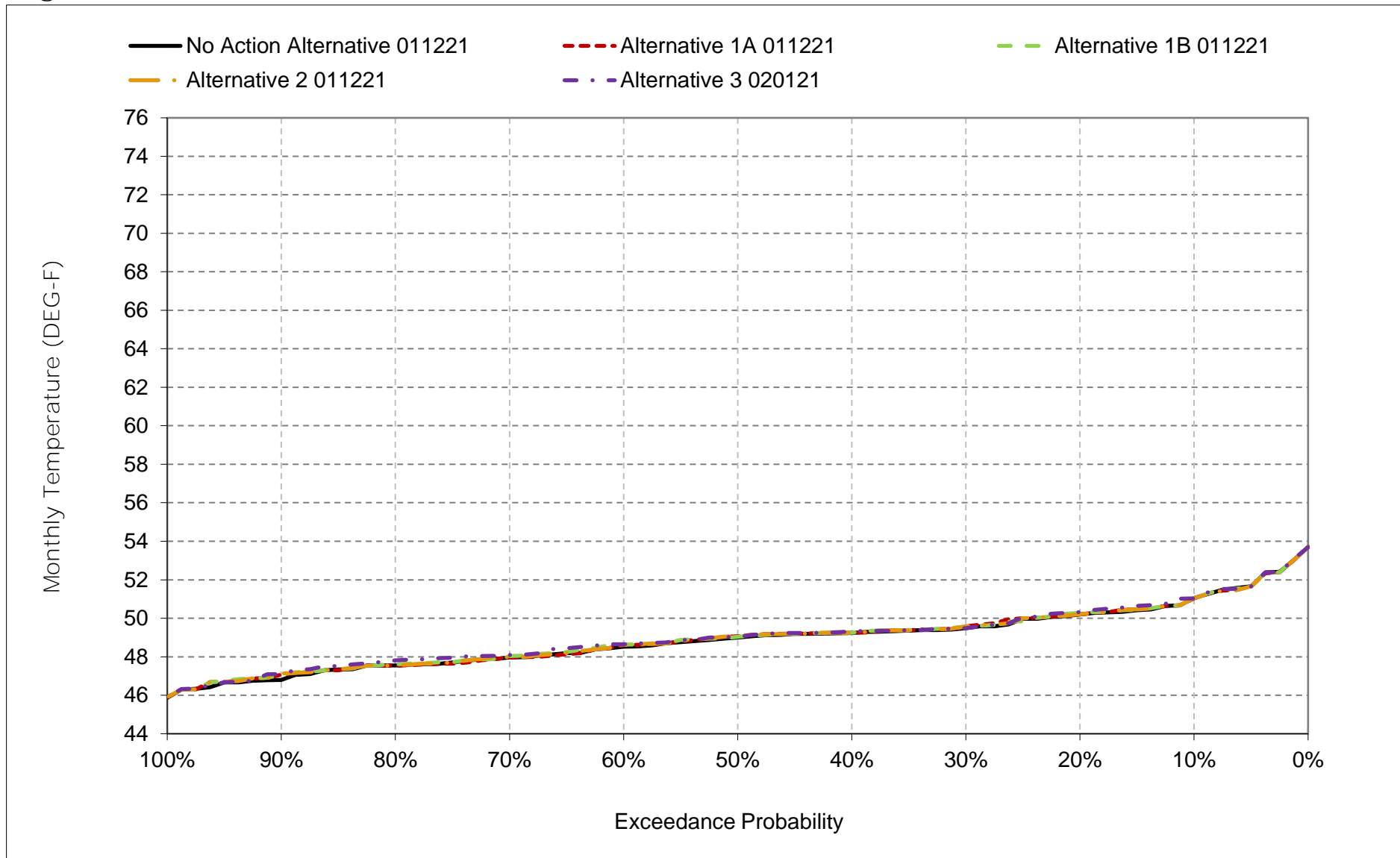
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-15-8. American River at the Mouth, November



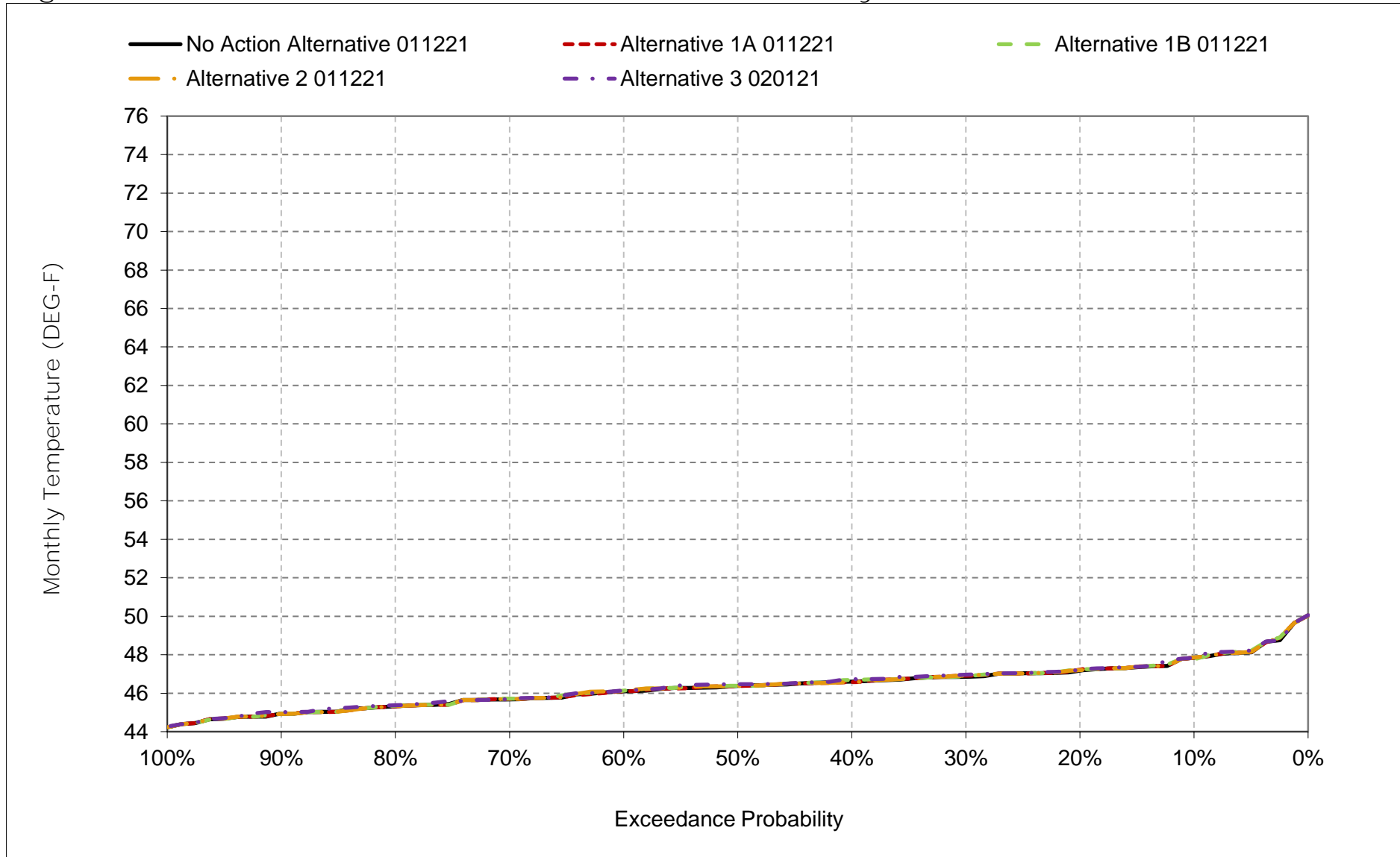
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-15-9. American River at the Mouth, December



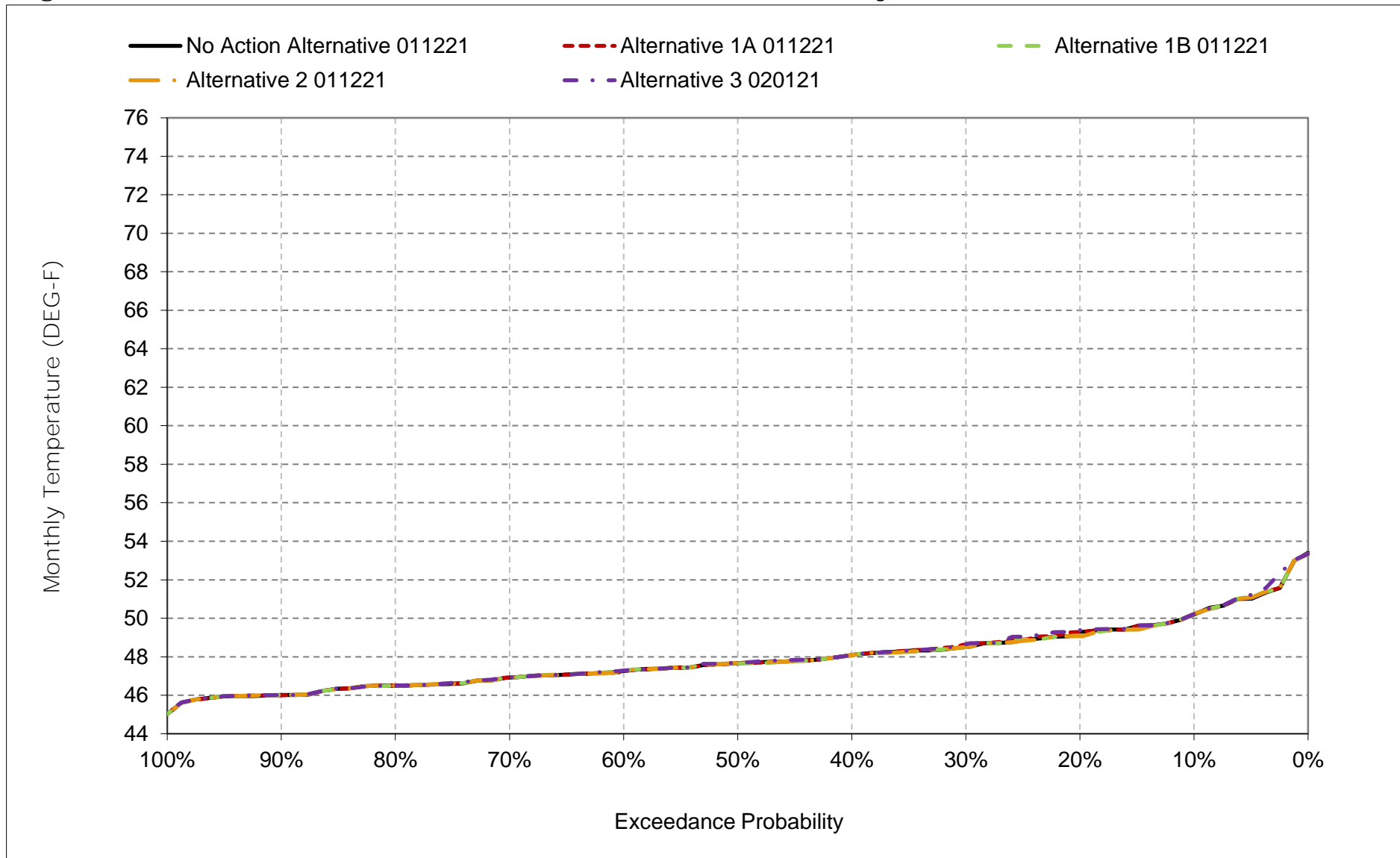
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-15-10. American River at the Mouth, January



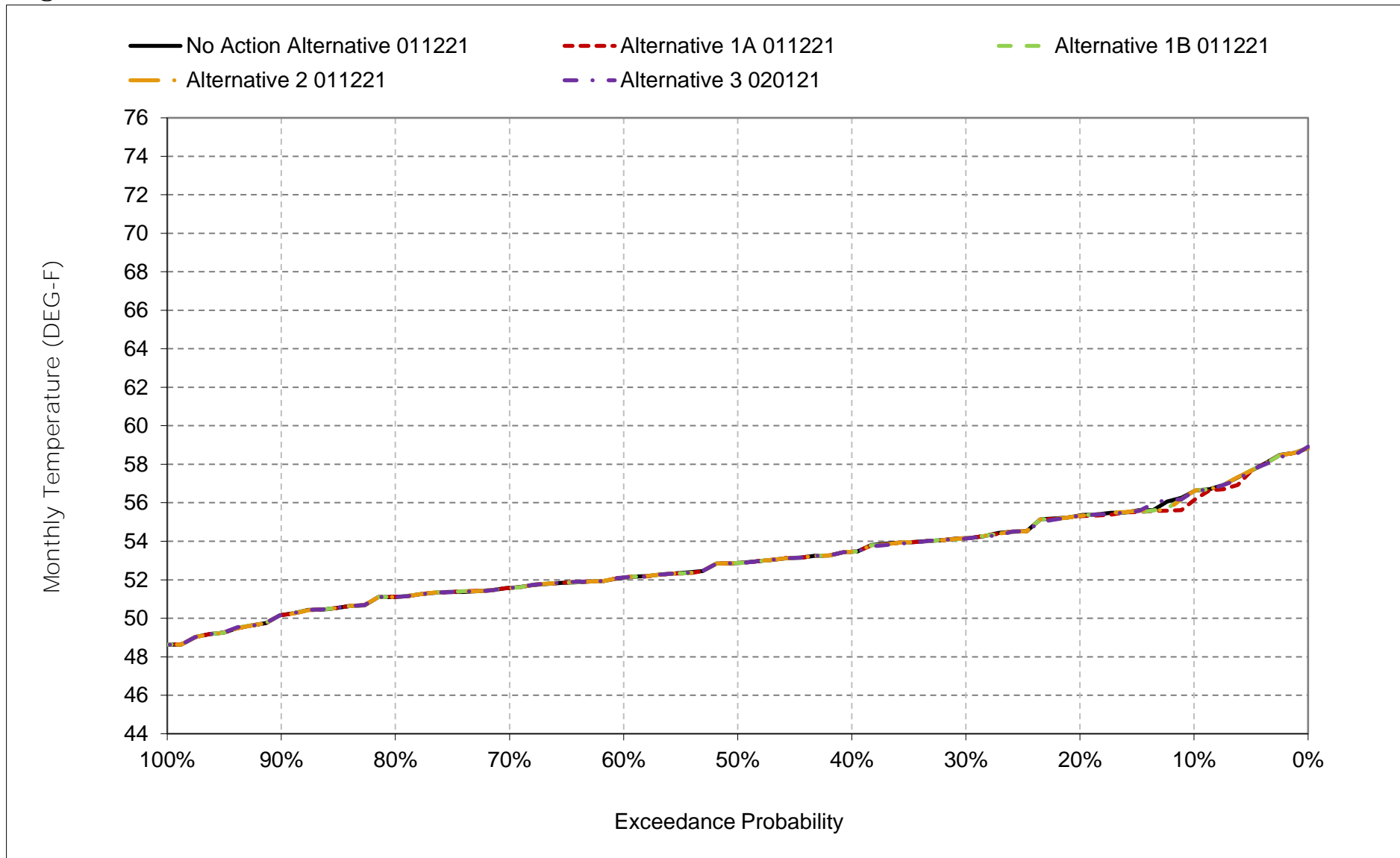
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-15-11. American River at the Mouth, February



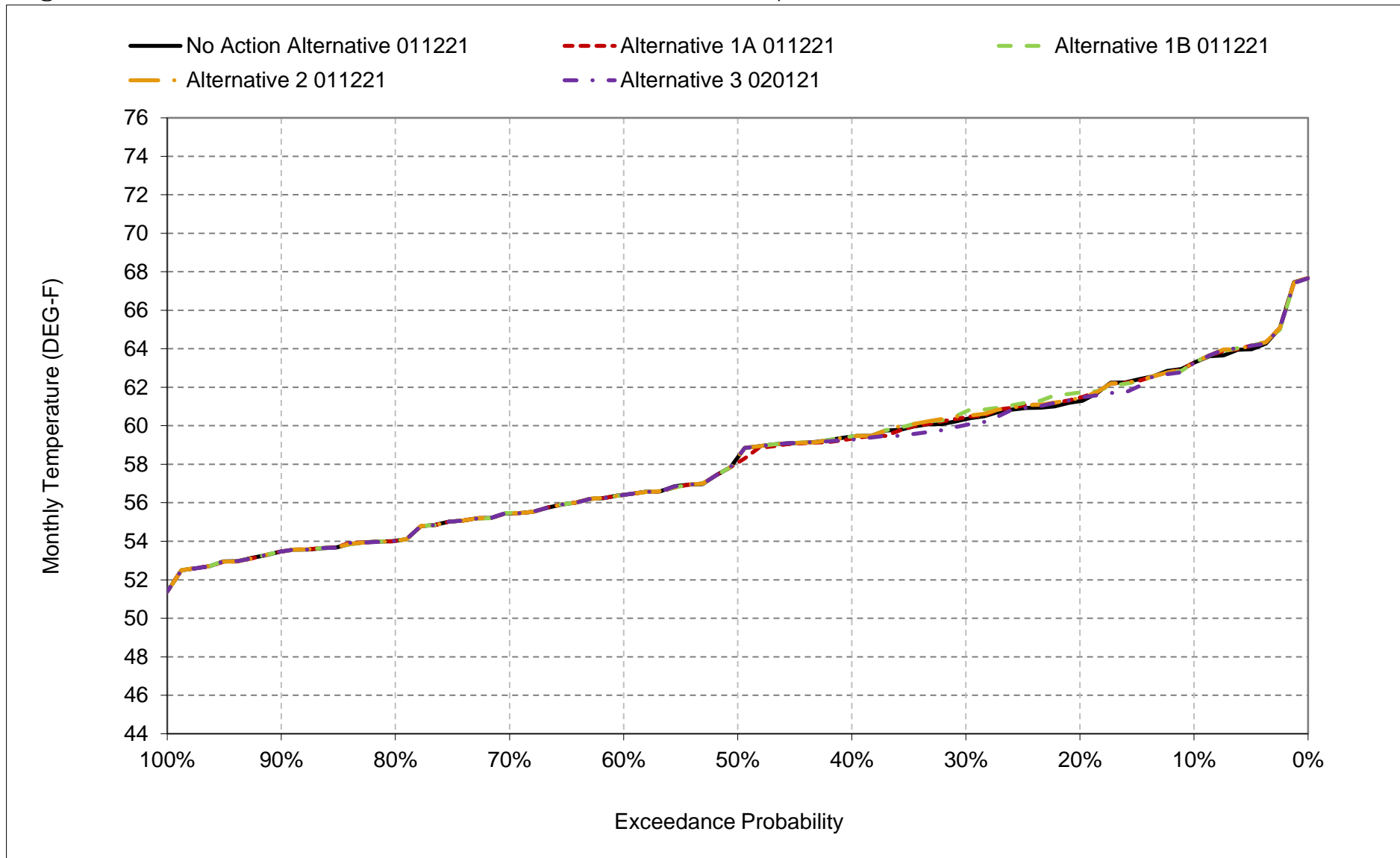
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-15-12. American River at the Mouth, March



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

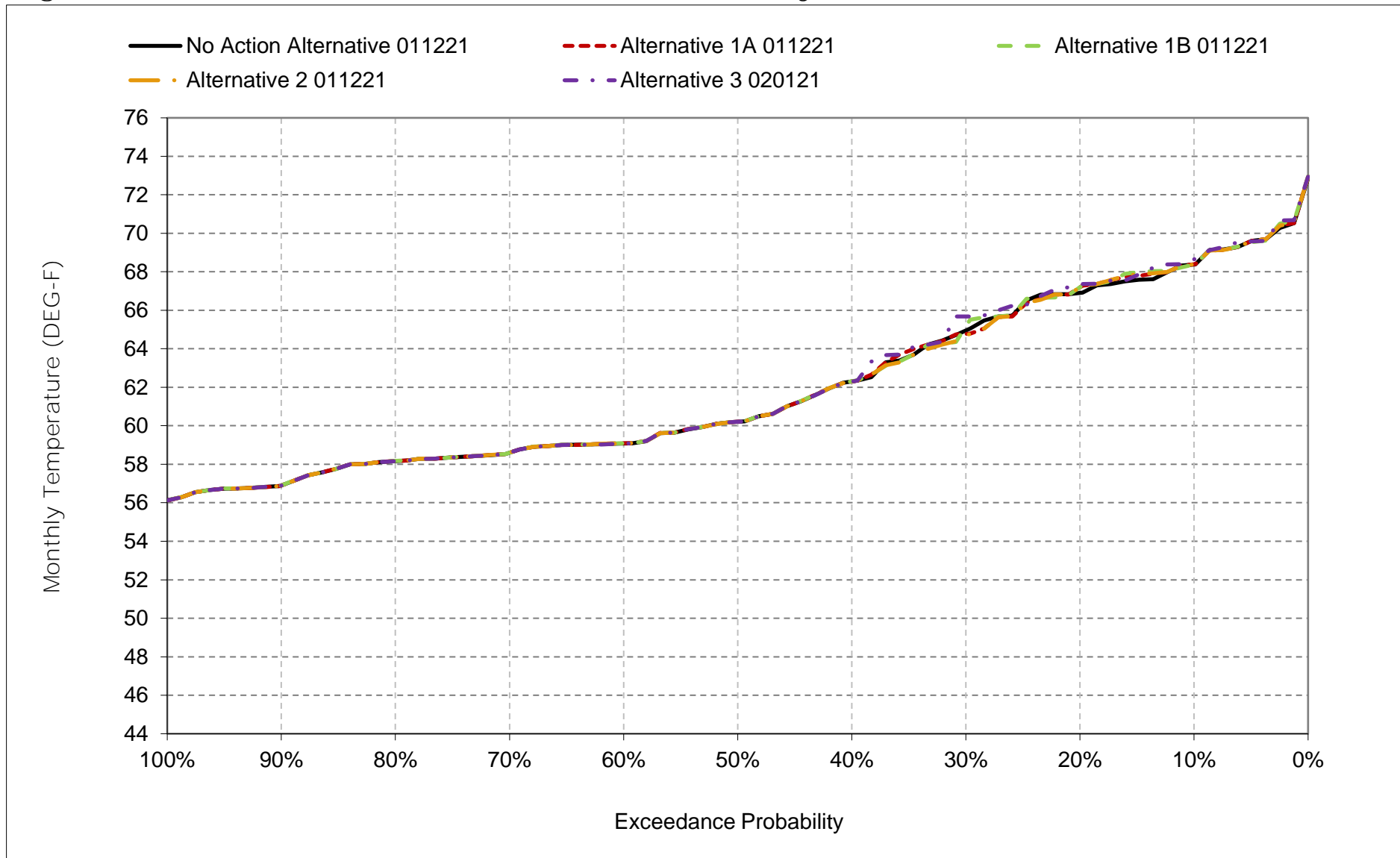
Figure 6C-15-13. American River at the Mouth, April



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

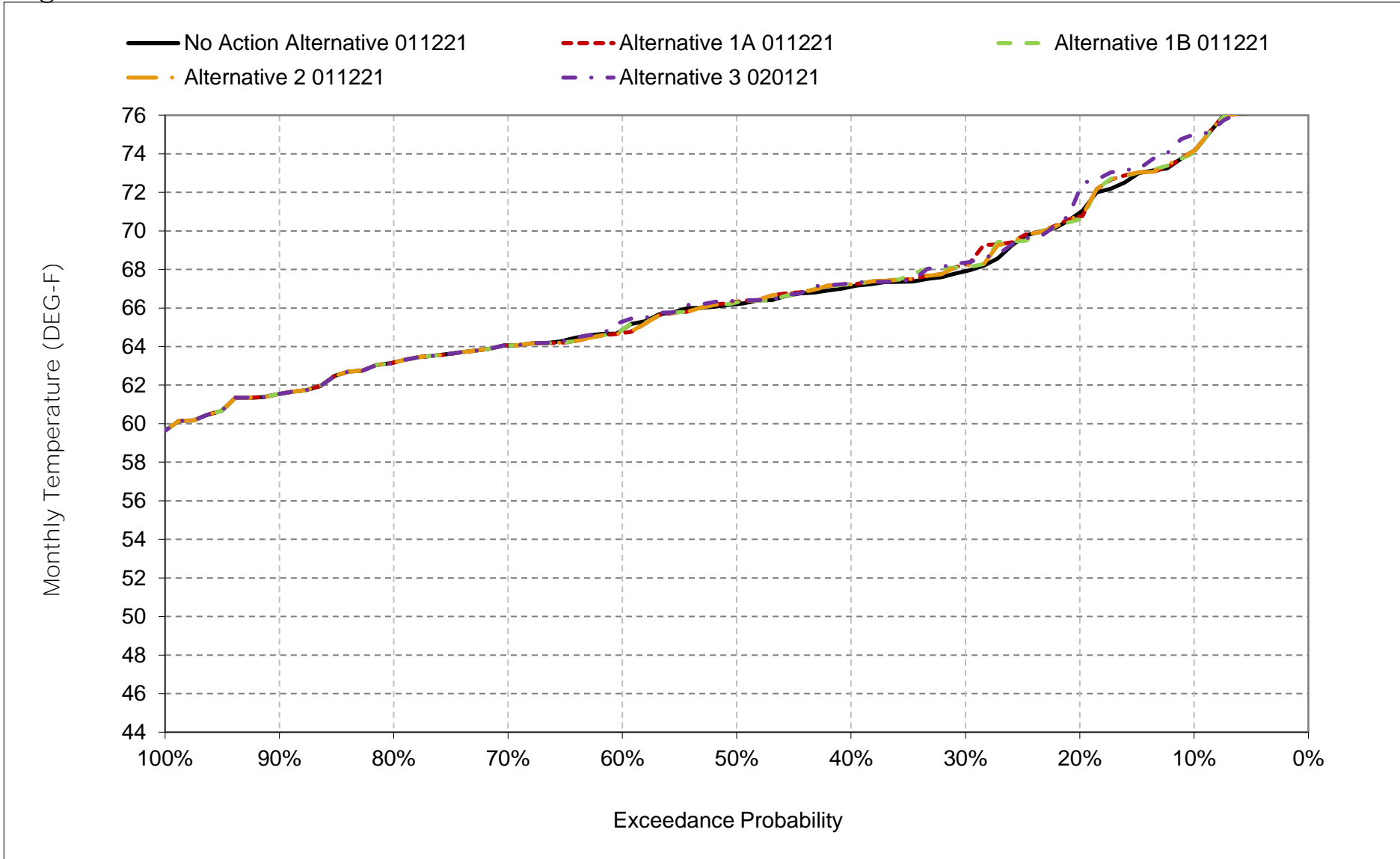


Figure 6C-15-14. American River at the Mouth, May



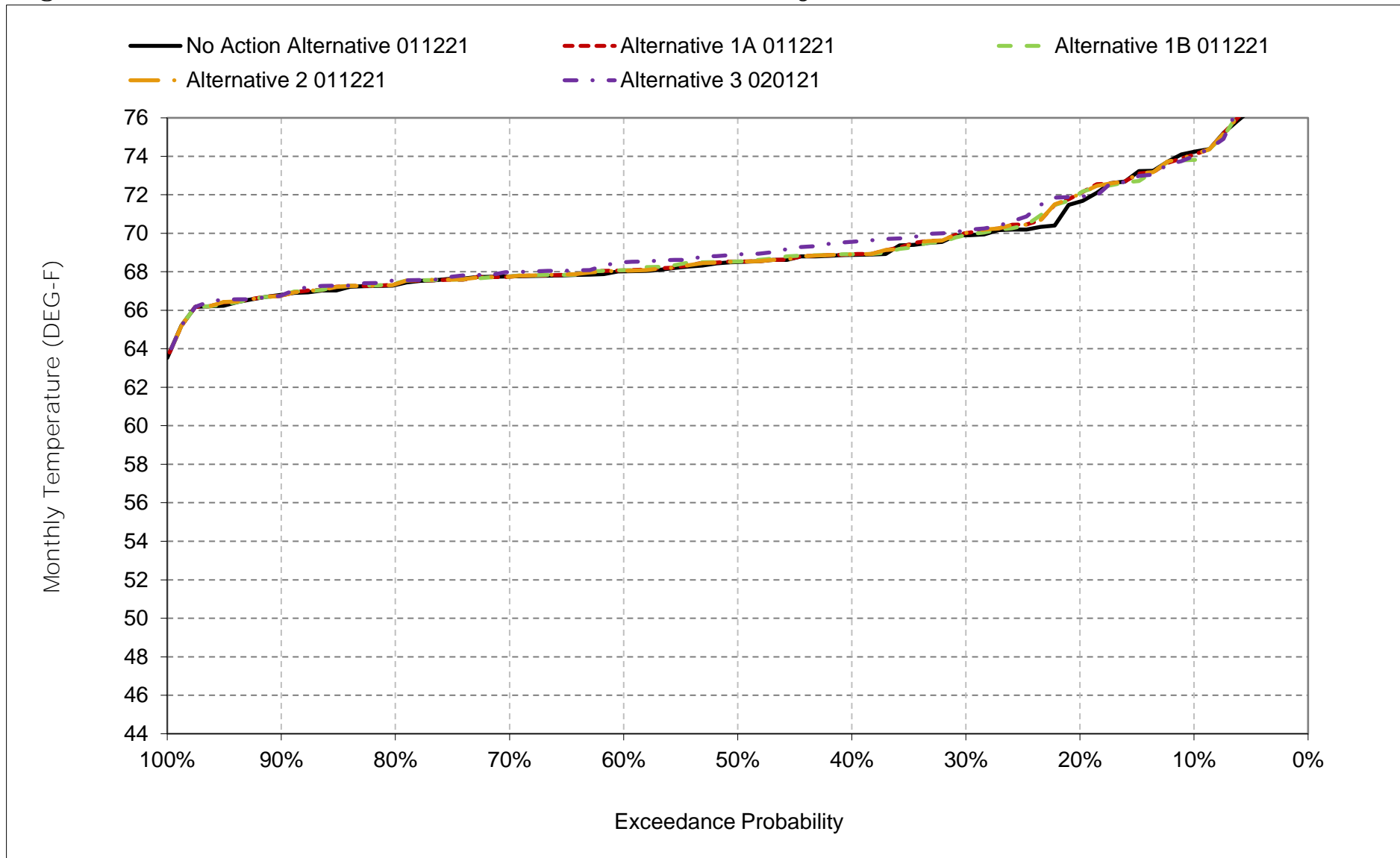
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-15-15. American River at the Mouth, June



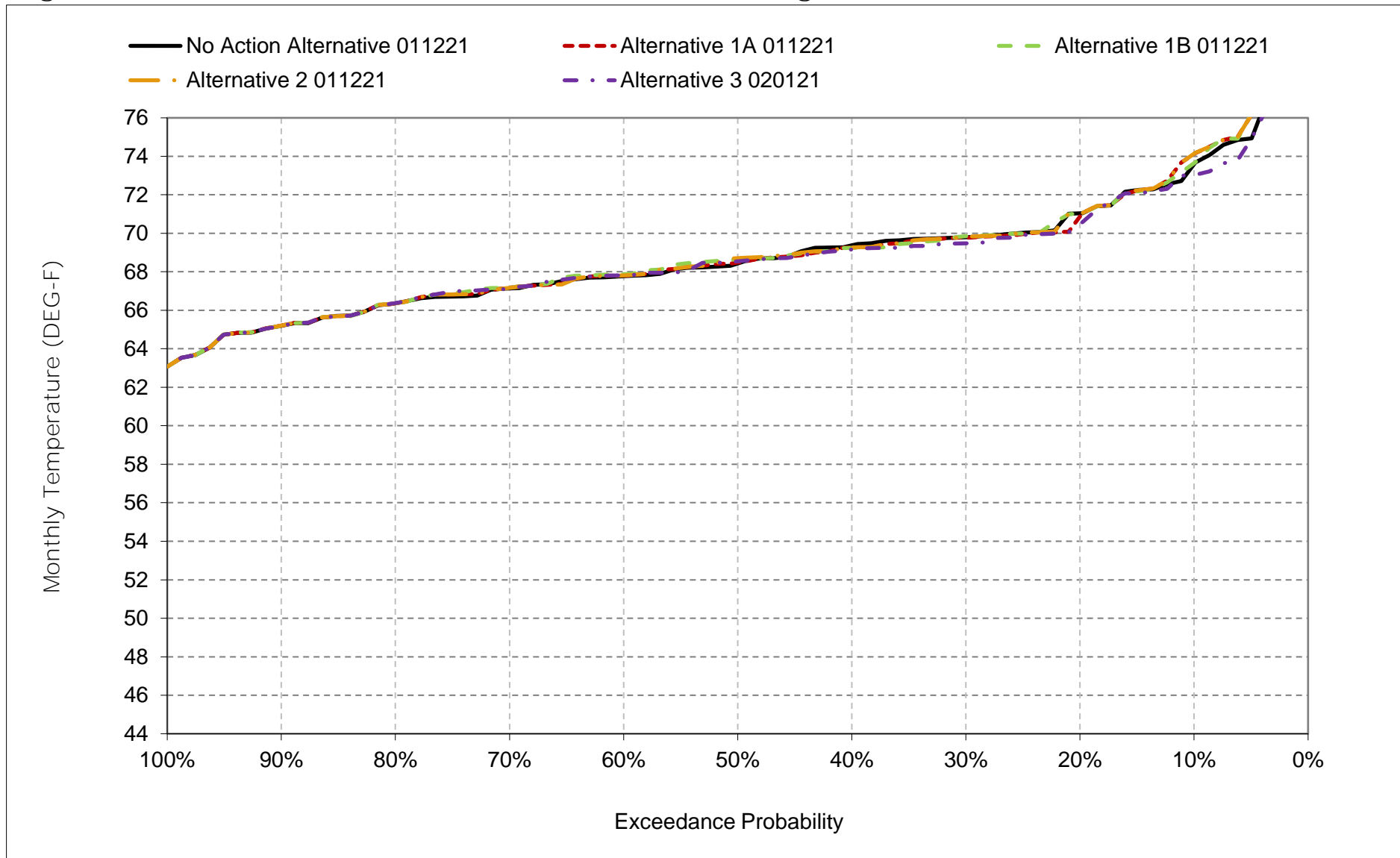
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-15-16. American River at the Mouth, July



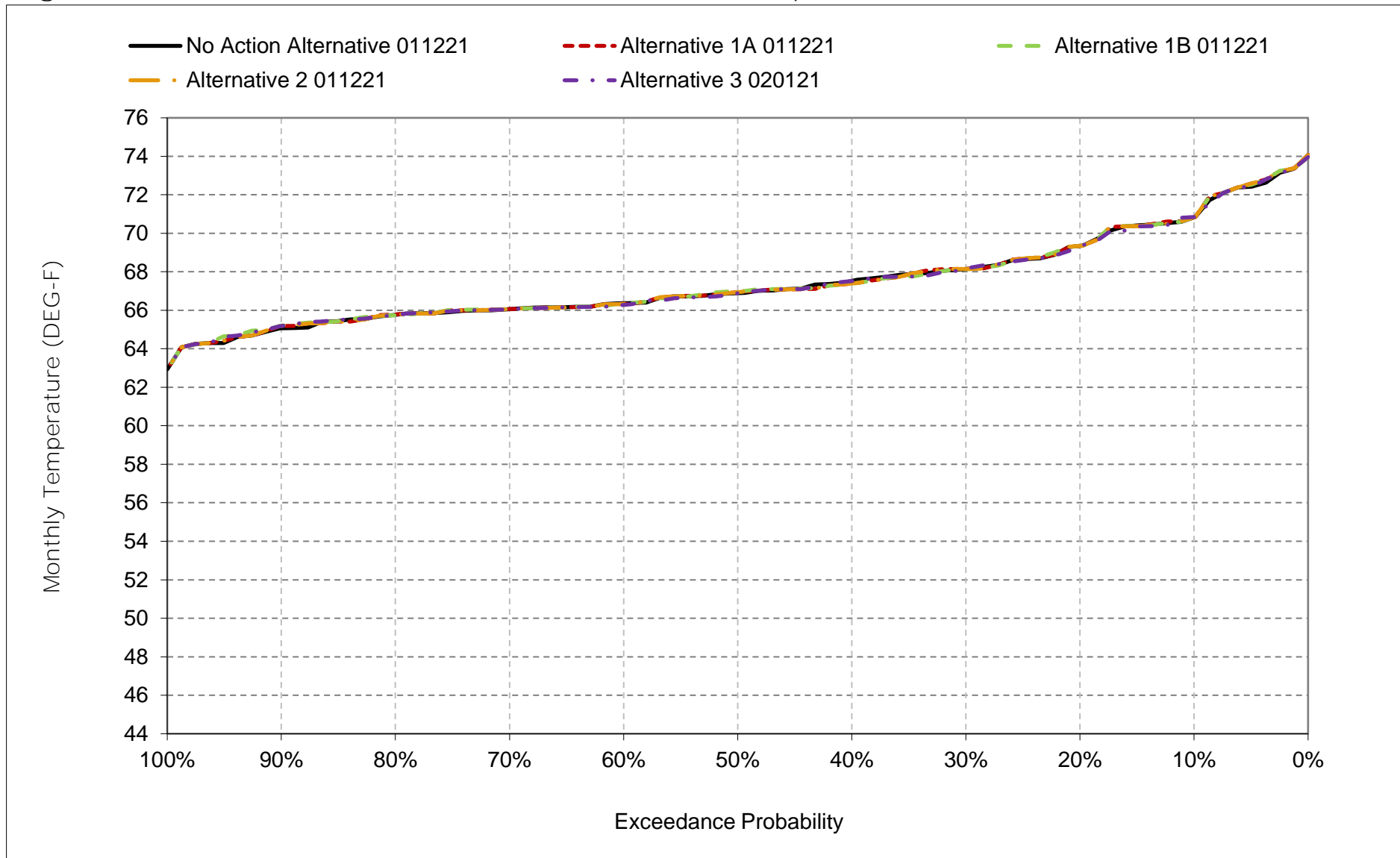
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-15-17. American River at the Mouth, August



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-15-18. American River at the Mouth, September



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-16-1a. Feather River Low Flow Channel, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	54.4	53.9	51.5	49.7	50.1	52.1	52.7	56.4	58.2	62.1	61.7	57.4
20%	53.8	52.7	50.4	48.5	49.7	51.4	52.2	56.1	58.1	61.6	61.4	56.7
30%	53.6	52.5	49.9	48.3	49.2	50.8	51.8	55.9	57.8	61.4	61.1	56.3
40%	53.5	52.3	49.4	48.0	48.7	50.2	51.7	55.7	57.6	61.2	60.9	55.8
50%	53.3	52.2	49.1	47.6	48.4	49.7	51.5	55.6	57.5	61.0	60.6	55.3
60%	53.1	52.1	48.9	47.4	48.0	49.2	51.2	55.2	57.3	60.9	60.0	54.9
70%	53.0	52.0	48.7	47.1	47.5	48.6	50.9	55.0	57.2	60.8	59.9	54.7
80%	52.9	52.0	48.5	46.8	47.1	48.4	50.6	54.5	57.1	60.7	59.7	54.5
90%	52.8	51.9	48.2	46.4	46.7	47.9	50.2	54.3	56.8	60.6	59.6	54.3
Long Term												
Full Simulation Period <sup>a</sup>	53.9	52.7	49.5	47.8	48.4	49.9	51.4	55.4	57.5	61.2	60.6	55.9
Water Year Types <sup>b,c</sup>												
Wet (32%)	53.0	52.2	49.2	47.8	47.9	48.5	50.5	54.8	57.3	61.4	60.5	54.7
Above Normal (15%)	53.0	52.0	49.2	47.6	48.0	49.4	51.5	55.7	57.8	60.9	59.9	54.4
Below Normal (17%)	53.5	52.3	49.3	47.6	48.3	50.4	52.0	55.8	57.9	60.9	59.8	56.0
Dry (22%)	53.6	52.8	49.9	47.8	48.8	51.0	52.0	55.6	57.4	61.1	61.4	56.5
Critical (15%)	57.5	54.7	49.8	48.1	49.5	51.2	51.7	55.7	57.4	61.5	61.5	59.0

Table 6C-16-1b. Feather River Low Flow Channel, Alternative 1A 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	54.3	54.3	51.5	49.7	50.1	52.4	52.7	56.4	58.4	62.1	61.6	57.2
20%	53.7	52.7	50.4	48.6	49.7	51.4	52.2	56.1	58.2	61.7	61.2	56.6
30%	53.4	52.5	50.0	48.3	49.2	50.8	51.8	55.9	58.0	61.3	61.1	56.2
40%	53.3	52.3	49.4	48.0	48.7	50.2	51.7	55.7	57.8	61.2	60.8	55.9
50%	53.1	52.2	49.0	47.6	48.4	49.7	51.5	55.6	57.6	61.0	60.5	55.3
60%	53.1	52.1	48.9	47.4	48.0	49.1	51.2	55.2	57.4	60.9	60.0	54.9
70%	53.0	52.0	48.7	47.1	47.6	48.6	50.9	55.0	57.3	60.8	59.9	54.7
80%	52.9	52.0	48.5	46.8	47.1	48.4	50.6	54.5	57.2	60.7	59.7	54.5
90%	52.8	51.9	48.2	46.4	46.6	47.9	50.2	54.3	56.9	60.6	59.6	54.3
Long Term												
Full Simulation Period <sup>a</sup>	53.8	52.7	49.5	47.8	48.4	49.9	51.4	55.4	57.6	61.2	60.6	55.9
Water Year Types <sup>b,c</sup>												
Wet (32%)	53.0	52.2	49.2	47.8	47.9	48.5	50.5	54.8	57.3	61.4	60.5	54.7
Above Normal (15%)	53.0	52.0	49.2	47.6	48.0	49.5	51.5	55.7	57.8	60.9	59.9	54.4
Below Normal (17%)	53.4	52.3	49.4	47.6	48.3	50.4	52.0	55.8	57.9	60.9	59.8	56.0
Dry (22%)	53.4	52.9	50.0	47.8	48.8	51.0	52.0	55.6	57.6	61.2	61.2	56.4
Critical (15%)	57.7	54.8	49.8	48.1	49.5	51.3	51.7	55.7	57.6	61.5	61.3	59.0

Table 6C-16-1c. Feather River Low Flow Channel, Alternative 1A 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	-0.1	0.4	0.0	0.0	0.0	0.3	0.0	0.0	0.2	0.0	-0.1	-0.2
20%	-0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	-0.2	-0.1
30%	-0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2	-0.1	0.0	-0.1
40%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-0.1	0.1
50%	-0.2	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0
60%	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal (17%)	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry (22%)	-0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.1	-0.1	-0.1
Critical (15%)	0.2	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.0	-0.2	0.0

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-16-2a. Feather River Low Flow Channel, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	54.4	53.9	51.5	49.7	50.1	52.1	52.7	56.4	58.2	62.1	61.7	57.4
20%	53.8	52.7	50.4	48.5	49.7	51.4	52.2	56.1	58.1	61.6	61.4	56.7
30%	53.6	52.5	49.9	48.3	49.2	50.8	51.8	55.9	57.8	61.4	61.1	56.3
40%	53.5	52.3	49.4	48.0	48.7	50.2	51.7	55.7	57.6	61.2	60.9	55.8
50%	53.3	52.2	49.1	47.6	48.4	49.7	51.5	55.6	57.5	61.0	60.6	55.3
60%	53.1	52.1	48.9	47.4	48.0	49.2	51.2	55.2	57.3	60.9	60.0	54.9
70%	53.0	52.0	48.7	47.1	47.5	48.6	50.9	55.0	57.2	60.8	59.9	54.7
80%	52.9	52.0	48.5	46.8	47.1	48.4	50.6	54.5	57.1	60.7	59.7	54.5
90%	52.8	51.9	48.2	46.4	46.7	47.9	50.2	54.3	56.8	60.6	59.6	54.3
Long Term												
Full Simulation Period <sup>a</sup>	53.9	52.7	49.5	47.8	48.4	49.9	51.4	55.4	57.5	61.2	60.6	55.9
Water Year Types <sup>b,c</sup>												
Wet (32%)	53.0	52.2	49.2	47.8	47.9	48.5	50.5	54.8	57.3	61.4	60.5	54.7
Above Normal (15%)	53.0	52.0	49.2	47.6	48.0	49.4	51.5	55.7	57.8	60.9	59.9	54.4
Below Normal (17%)	53.5	52.3	49.3	47.6	48.3	50.4	52.0	55.8	57.9	60.9	59.8	56.0
Dry (22%)	53.6	52.8	49.9	47.8	48.8	51.0	52.0	55.6	57.4	61.1	61.4	56.5
Critical (15%)	57.5	54.7	49.8	48.1	49.5	51.2	51.7	55.7	57.4	61.5	61.5	59.0

Table 6C-16-2b. Feather River Low Flow Channel, Alternative 1B 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	54.3	54.2	51.5	49.7	50.1	52.4	52.7	56.4	58.4	62.1	61.6	57.2
20%	53.8	52.7	50.4	48.6	49.7	51.4	52.2	56.1	58.2	61.7	61.2	56.6
30%	53.5	52.5	50.0	48.3	49.2	50.8	51.8	56.0	58.0	61.3	61.0	56.1
40%	53.3	52.3	49.4	48.0	48.8	50.2	51.7	55.7	57.8	61.2	60.8	55.8
50%	53.1	52.2	49.0	47.6	48.4	49.7	51.5	55.5	57.6	61.0	60.5	55.3
60%	53.1	52.1	48.8	47.4	48.0	49.1	51.2	55.2	57.4	60.9	60.0	54.9
70%	53.0	52.0	48.7	47.1	47.6	48.6	50.9	55.1	57.3	60.8	59.9	54.7
80%	52.9	52.0	48.5	46.8	47.1	48.3	50.6	54.5	57.2	60.7	59.7	54.5
90%	52.8	51.9	48.2	46.4	46.6	47.9	50.2	54.3	56.9	60.6	59.6	54.3
Long Term												
Full Simulation Period <sup>a</sup>	53.8	52.7	49.5	47.8	48.4	49.9	51.4	55.4	57.6	61.2	60.6	55.9
Water Year Types <sup>b,c</sup>												
Wet (32%)	53.0	52.2	49.2	47.8	47.9	48.5	50.5	54.8	57.3	61.4	60.5	54.7
Above Normal (15%)	53.0	52.0	49.2	47.6	48.0	49.5	51.5	55.7	57.8	60.9	59.9	54.4
Below Normal (17%)	53.4	52.3	49.4	47.6	48.3	50.4	52.0	55.8	57.9	60.9	59.8	55.9
Dry (22%)	53.3	52.9	50.0	47.8	48.8	51.0	52.0	55.6	57.6	61.1	61.2	56.4
Critical (15%)	57.7	54.8	49.8	48.1	49.5	51.3	51.7	55.7	57.6	61.5	61.3	59.1

Table 6C-16-2c. Feather River Low Flow Channel, Alternative 1B 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	-0.1	0.3	0.0	0.0	0.0	0.3	0.0	0.0	0.2	0.0	-0.1	-0.2
20%	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	-0.2	-0.1
30%	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.2	-0.1	-0.1	-0.2
40%	-0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.0	-0.1	0.0
50%	-0.2	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	-0.1	0.0
60%	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal (17%)	-0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Dry (22%)	-0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.1	-0.2	-0.1
Critical (15%)	0.2	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.2	-0.1	-0.2	0.1

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-16-3a. Feather River Low Flow Channel, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	54.4	53.9	51.5	49.7	50.1	52.1	52.7	56.4	58.2	62.1	61.7	57.4
20%	53.8	52.7	50.4	48.5	49.7	51.4	52.2	56.1	58.1	61.6	61.4	56.7
30%	53.6	52.5	49.9	48.3	49.2	50.8	51.8	55.9	57.8	61.4	61.1	56.3
40%	53.5	52.3	49.4	48.0	48.7	50.2	51.7	55.7	57.7	61.2	60.9	55.8
50%	53.3	52.2	49.1	47.6	48.4	49.7	51.5	55.6	57.5	61.0	60.6	55.3
60%	53.1	52.1	48.9	47.4	48.0	49.2	51.2	55.2	57.3	60.9	60.0	54.9
70%	53.0	52.0	48.7	47.1	47.5	48.6	50.9	55.0	57.2	60.8	59.9	54.7
80%	52.9	52.0	48.5	46.8	47.1	48.4	50.6	54.5	57.1	60.7	59.7	54.5
90%	52.8	51.9	48.2	46.4	46.7	47.9	50.2	54.3	56.8	60.6	59.6	54.3
Long Term												
Full Simulation Period <sup>a</sup>	53.9	52.7	49.5	47.8	48.4	49.9	51.4	55.4	57.5	61.2	60.6	55.9
Water Year Types <sup>b,c</sup>												
Wet (32%)	53.0	52.2	49.2	47.8	47.9	48.5	50.5	54.8	57.3	61.4	60.5	54.7
Above Normal (15%)	53.0	52.0	49.2	47.6	48.0	49.4	51.5	55.7	57.8	60.9	59.9	54.4
Below Normal (17%)	53.5	52.3	49.3	47.6	48.3	50.4	52.0	55.8	57.9	60.9	59.8	56.0
Dry (22%)	53.6	52.8	49.9	47.8	48.8	51.0	52.0	55.6	57.4	61.1	61.4	56.5
Critical (15%)	57.5	54.7	49.8	48.1	49.5	51.2	51.7	55.7	57.4	61.5	61.5	59.0

Table 6C-16-3b. Feather River Low Flow Channel, Alternative 2 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	54.3	54.3	51.5	49.7	50.1	52.4	52.7	56.4	58.4	62.1	61.6	57.2
20%	53.7	52.8	50.4	48.6	49.7	51.4	52.2	56.1	58.2	61.7	61.2	56.5
30%	53.4	52.5	50.0	48.3	49.2	50.8	51.8	55.9	58.0	61.3	61.1	56.1
40%	53.3	52.3	49.4	48.0	48.7	50.2	51.7	55.7	57.7	61.2	60.8	55.9
50%	53.1	52.2	49.0	47.6	48.4	49.7	51.5	55.5	57.5	61.0	60.5	55.3
60%	53.1	52.1	48.9	47.4	48.0	49.1	51.2	55.2	57.4	60.9	60.0	54.9
70%	53.0	52.0	48.7	47.1	47.6	48.6	50.9	55.0	57.3	60.8	59.9	54.7
80%	52.9	52.0	48.5	46.8	47.1	48.4	50.6	54.5	57.2	60.7	59.7	54.5
90%	52.8	51.9	48.2	46.4	46.6	47.9	50.2	54.3	56.9	60.6	59.6	54.3
Long Term												
Full Simulation Period <sup>a</sup>	53.8	52.7	49.5	47.8	48.4	49.9	51.4	55.4	57.6	61.2	60.6	55.9
Water Year Types <sup>b,c</sup>												
Wet (32%)	53.0	52.2	49.2	47.8	47.9	48.5	50.5	54.8	57.3	61.4	60.5	54.7
Above Normal (15%)	53.0	52.0	49.2	47.6	48.0	49.5	51.5	55.7	57.8	60.9	59.9	54.4
Below Normal (17%)	53.4	52.3	49.4	47.6	48.3	50.4	52.0	55.8	57.9	60.9	59.8	56.0
Dry (22%)	53.4	52.9	50.0	47.8	48.8	51.0	52.0	55.6	57.6	61.2	61.2	56.4
Critical (15%)	57.6	54.8	49.8	48.1	49.5	51.3	51.7	55.7	57.6	61.5	61.3	59.0

Table 6C-16-3c. Feather River Low Flow Channel, Alternative 2 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	-0.1	0.4	0.0	0.0	0.0	0.3	0.0	0.0	0.2	0.0	-0.1	-0.2
20%	-0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	-0.2	-0.2
30%	-0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2	-0.1	0.0	-0.2
40%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.1
50%	-0.2	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0
60%	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal (17%)	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry (22%)	-0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.1	-0.1	-0.1
Critical (15%)	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.0	-0.2	0.0

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.



Table 6C-16-4a. Feather River Low Flow Channel, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	54.4	53.9	51.5	49.7	50.1	52.1	52.7	56.4	58.2	62.1	61.7	57.4
20%	53.8	52.7	50.4	48.5	49.7	51.4	52.2	56.1	58.1	61.6	61.4	56.7
30%	53.6	52.5	49.9	48.3	49.2	50.8	51.8	55.9	57.8	61.4	61.1	56.3
40%	53.5	52.3	49.4	48.0	48.7	50.2	51.7	55.7	57.6	61.2	60.9	55.8
50%	53.3	52.2	49.1	47.6	48.4	49.7	51.5	55.6	57.5	61.0	60.6	55.3
60%	53.1	52.1	48.9	47.4	48.0	49.2	51.2	55.2	57.3	60.9	60.0	54.9
70%	53.0	52.0	48.7	47.1	47.5	48.6	50.9	55.0	57.2	60.8	59.9	54.7
80%	52.9	52.0	48.5	46.8	47.1	48.4	50.6	54.5	57.1	60.7	59.7	54.5
90%	52.8	51.9	48.2	46.4	46.7	47.9	50.2	54.3	56.8	60.6	59.6	54.3
Long Term												
Full Simulation Period <sup>a</sup>	53.9	52.7	49.5	47.8	48.4	49.9	51.4	55.4	57.5	61.2	60.6	55.9
Water Year Types <sup>b,c</sup>												
Wet (32%)	53.0	52.2	49.2	47.8	47.9	48.5	50.5	54.8	57.3	61.4	60.5	54.7
Above Normal (15%)	53.0	52.0	49.2	47.6	48.0	49.4	51.5	55.7	57.8	60.9	59.9	54.4
Below Normal (17%)	53.5	52.3	49.3	47.6	48.3	50.4	52.0	55.8	57.9	60.9	59.8	56.0
Dry (22%)	53.6	52.8	49.9	47.8	48.8	51.0	52.0	55.6	57.4	61.1	61.4	56.5
Critical (15%)	57.5	54.7	49.8	48.1	49.5	51.2	51.7	55.7	57.4	61.5	61.5	59.0

Table 6C-16-4b. Feather River Low Flow Channel, Alternative 3 020121, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	54.2	53.8	51.5	49.7	50.3	52.2	52.7	56.4	58.3	62.1	61.6	57.1
20%	53.8	52.7	50.4	48.6	49.7	51.4	52.2	56.2	58.1	61.7	61.2	56.6
30%	53.5	52.5	50.0	48.3	49.2	50.8	51.8	56.0	57.9	61.3	61.0	56.1
40%	53.3	52.3	49.4	48.1	48.7	50.2	51.7	55.7	57.8	61.2	60.8	55.9
50%	53.2	52.2	49.0	47.6	48.4	49.7	51.5	55.6	57.6	61.0	60.5	55.6
60%	53.1	52.1	48.9	47.4	48.0	49.1	51.2	55.2	57.4	60.9	60.0	54.9
70%	53.0	52.0	48.7	47.1	47.5	48.6	50.9	55.1	57.3	60.8	59.9	54.7
80%	52.9	52.0	48.5	46.8	47.1	48.3	50.6	54.5	57.1	60.7	59.7	54.5
90%	52.8	51.9	48.2	46.4	46.6	47.9	50.2	54.3	56.9	60.6	59.6	54.4
Long Term												
Full Simulation Period <sup>a</sup>	53.9	52.7	49.5	47.8	48.4	49.9	51.4	55.4	57.6	61.2	60.6	55.9
Water Year Types <sup>b,c</sup>												
Wet (32%)	53.0	52.2	49.2	47.8	47.9	48.5	50.5	54.8	57.3	61.4	60.5	54.7
Above Normal (15%)	53.0	52.0	49.2	47.6	48.0	49.6	51.5	55.7	57.8	60.9	59.9	54.4
Below Normal (17%)	53.4	52.3	49.4	47.6	48.3	50.4	52.0	55.8	57.9	60.9	59.8	56.0
Dry (22%)	53.4	52.9	50.0	47.8	48.8	51.0	52.0	55.7	57.6	61.1	61.2	56.3
Critical (15%)	57.7	54.7	49.8	48.1	49.5	51.2	51.7	55.7	57.6	61.5	61.2	59.1

Table 6C-16-4c. Feather River Low Flow Channel, Alternative 3 020121 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	-0.2	-0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.1	0.0	-0.1	-0.3
20%	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.1	-0.2	-0.1
30%	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	-0.1	-0.2
40%	-0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.0	-0.1	0.1
50%	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.3
60%	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.1
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal (17%)	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Dry (22%)	-0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-0.2	-0.1
Critical (15%)	0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.1	-0.2	0.0

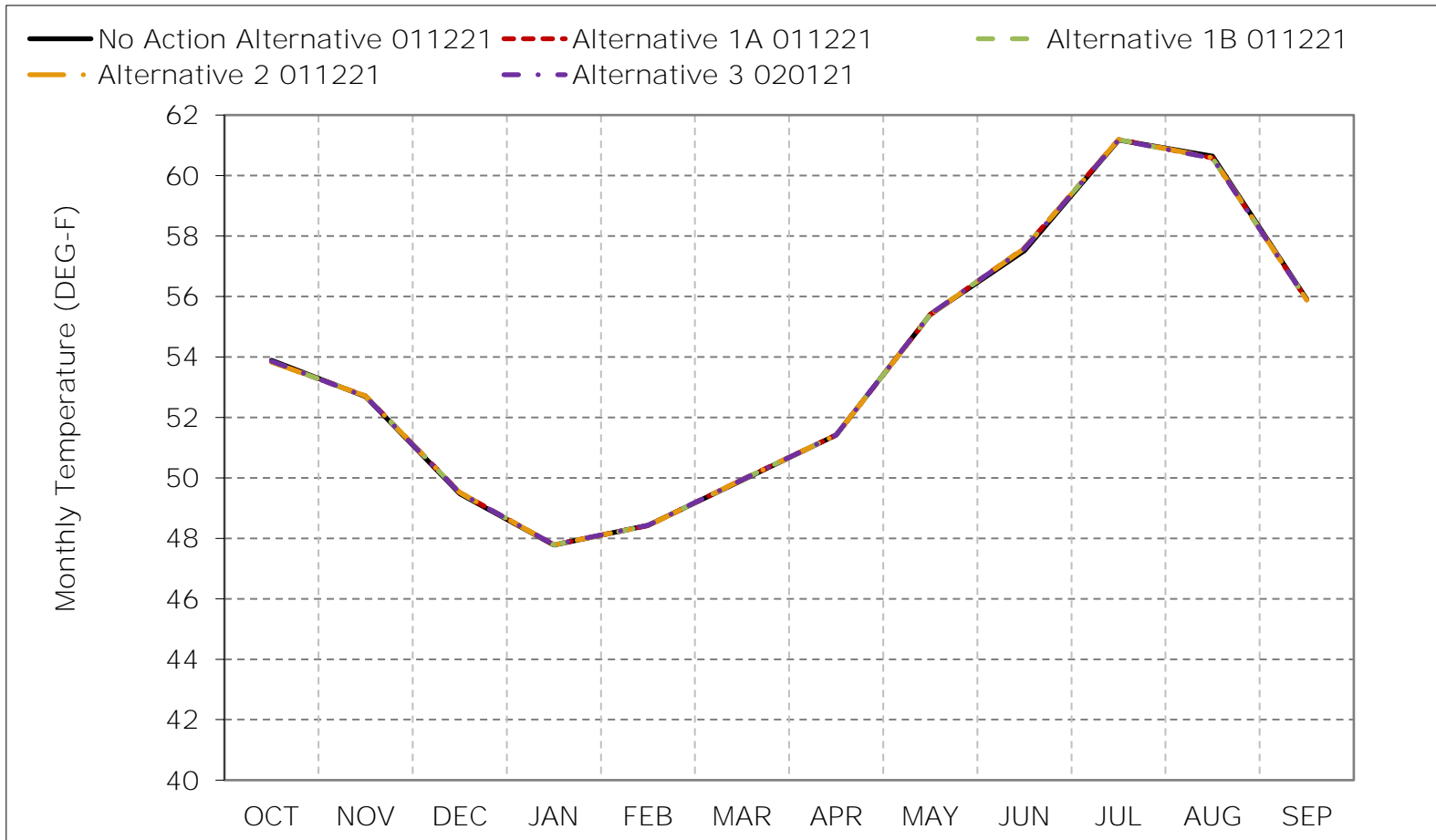
a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-16-1. Feather River Low Flow Channel, Long-Term Average Temperature

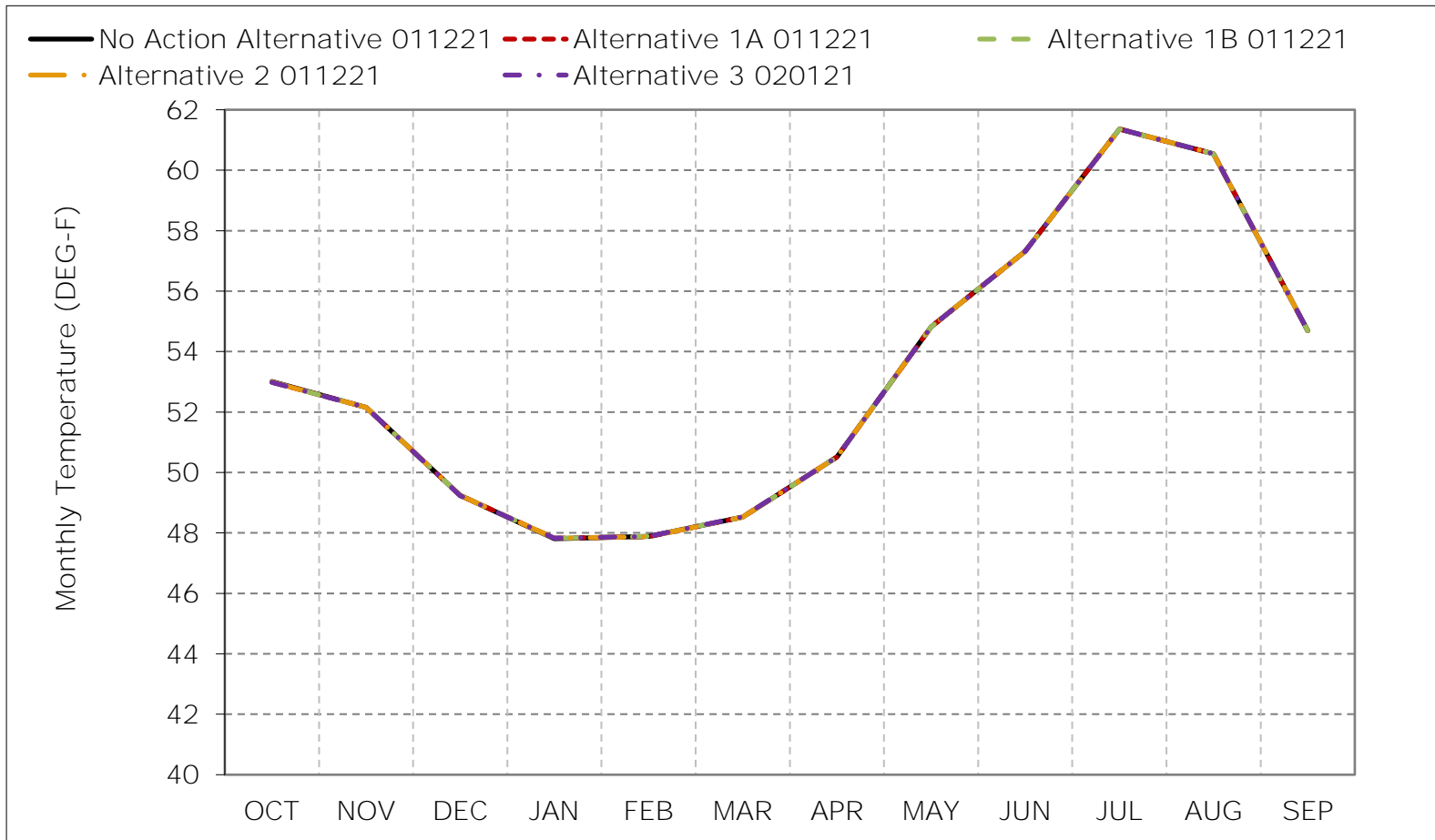


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-16-2. Feather River Low Flow Channel, Wet Year Average Temperature

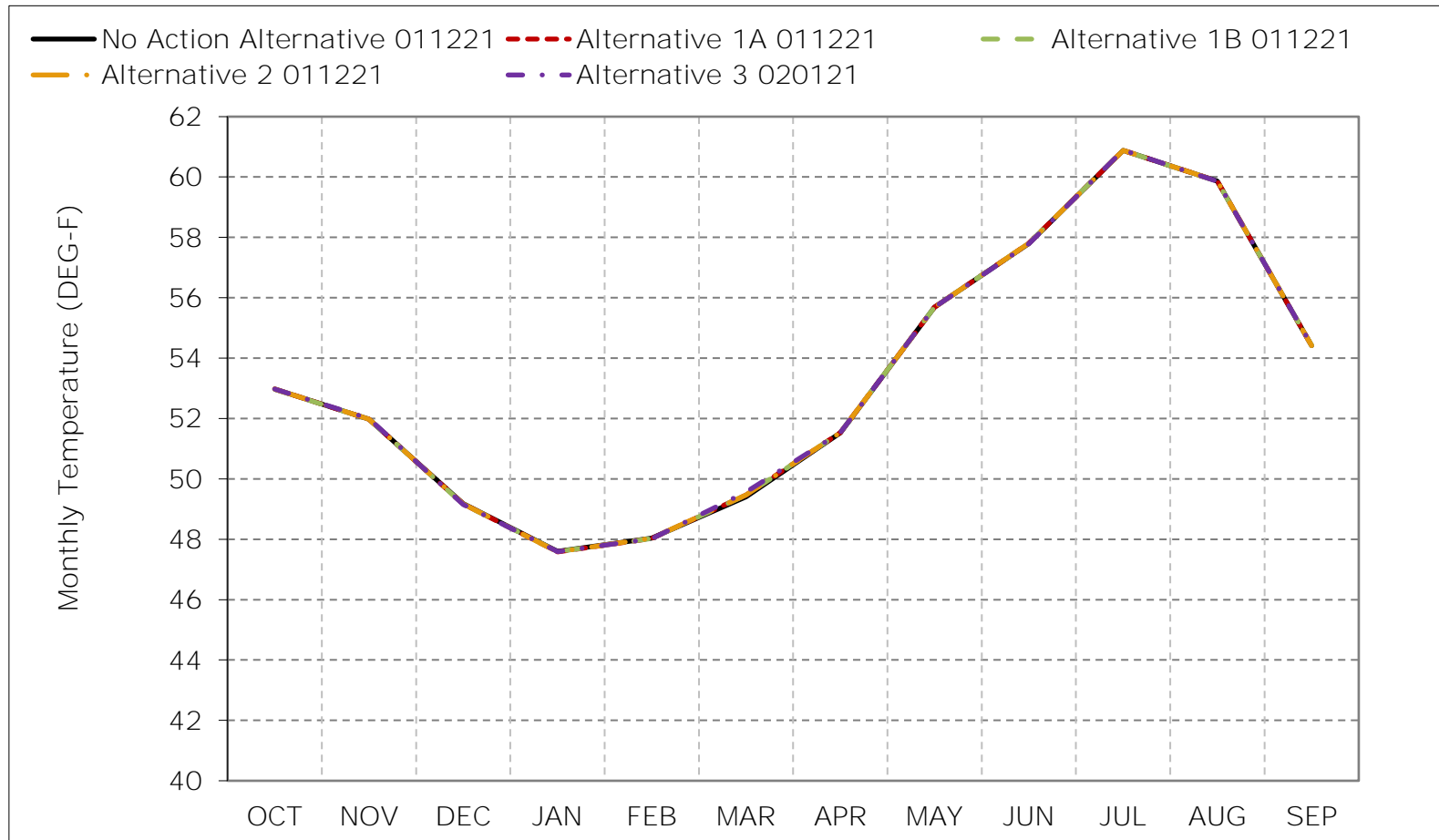


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-16-3. Feather River Low Flow Channel, Above Normal Year Average Temperat

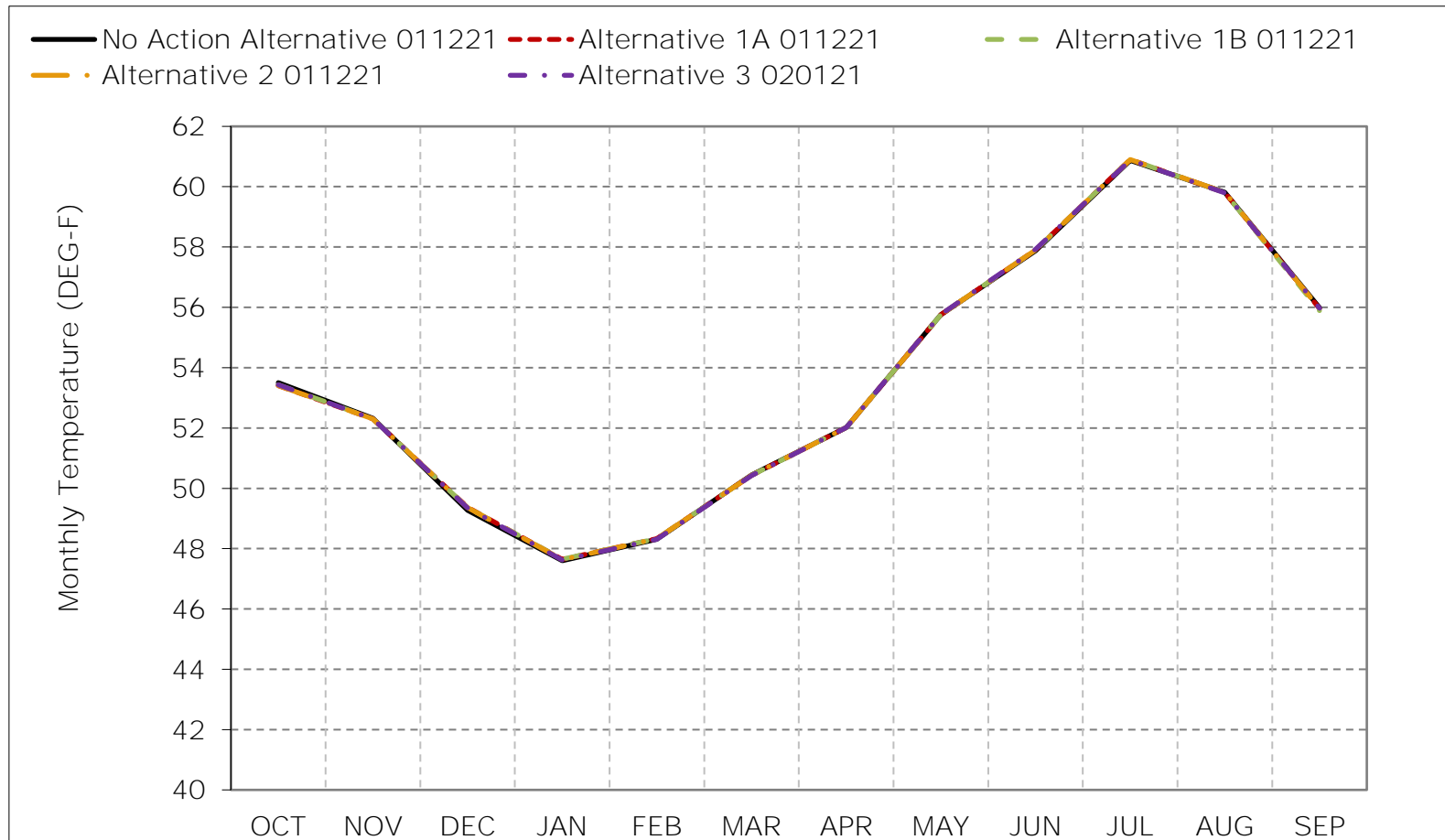


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-16-4. Feather River Low Flow Channel, Below Normal Year Average Temperat

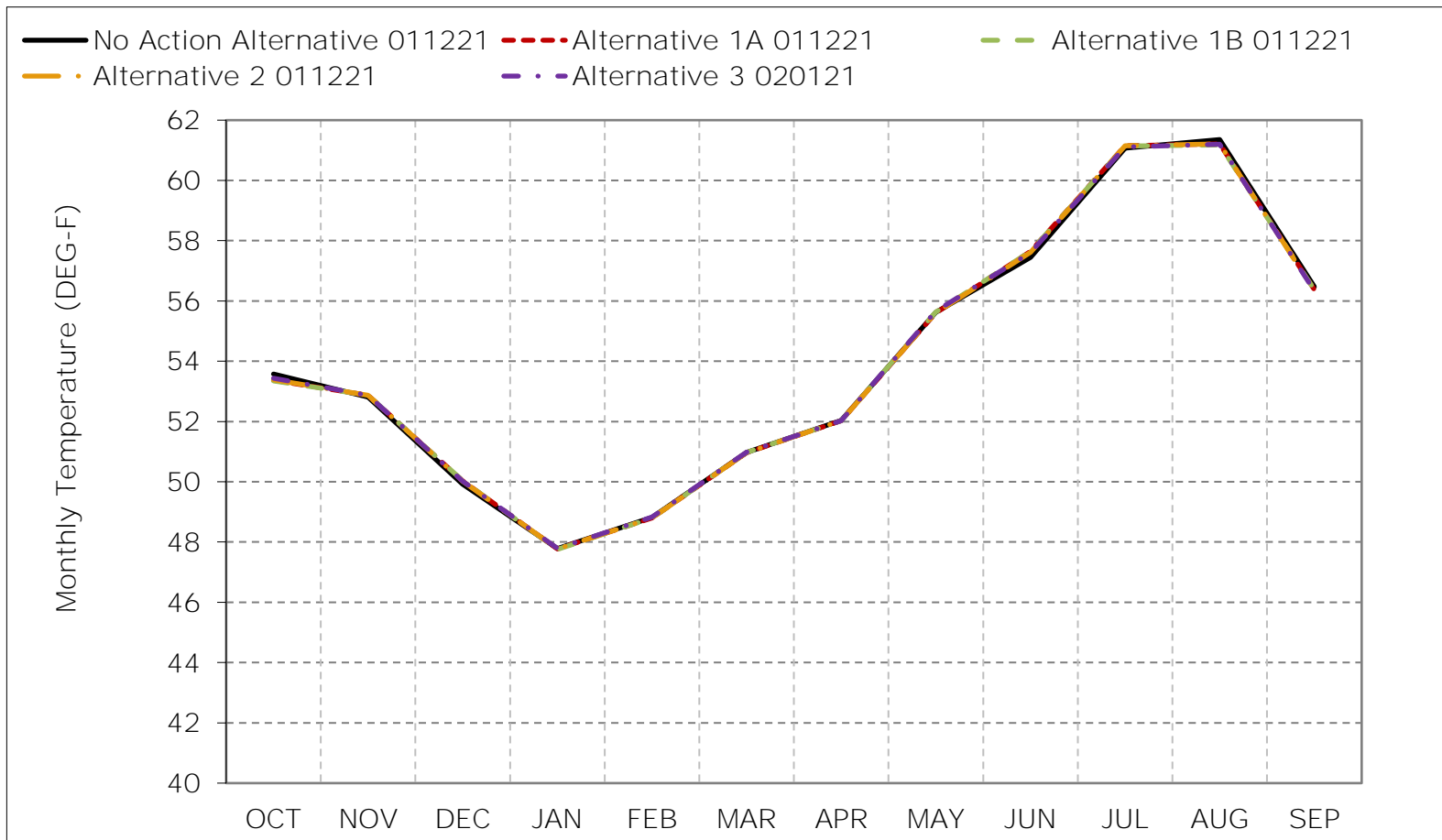


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-16-5. Feather River Low Flow Channel, Dry Year Average Temperature

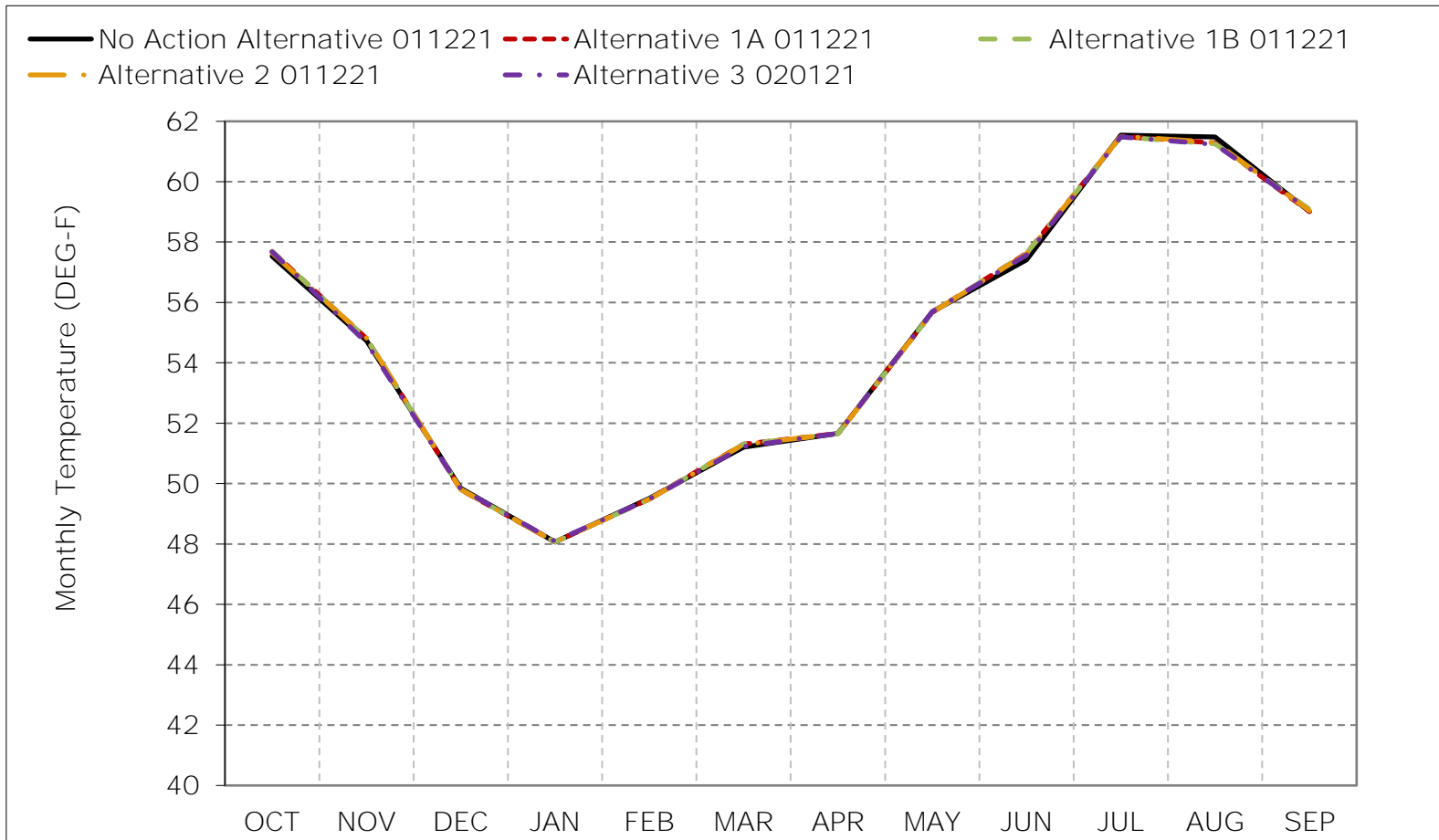


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-16-6. Feather River Low Flow Channel, Critical Year Average Temperature

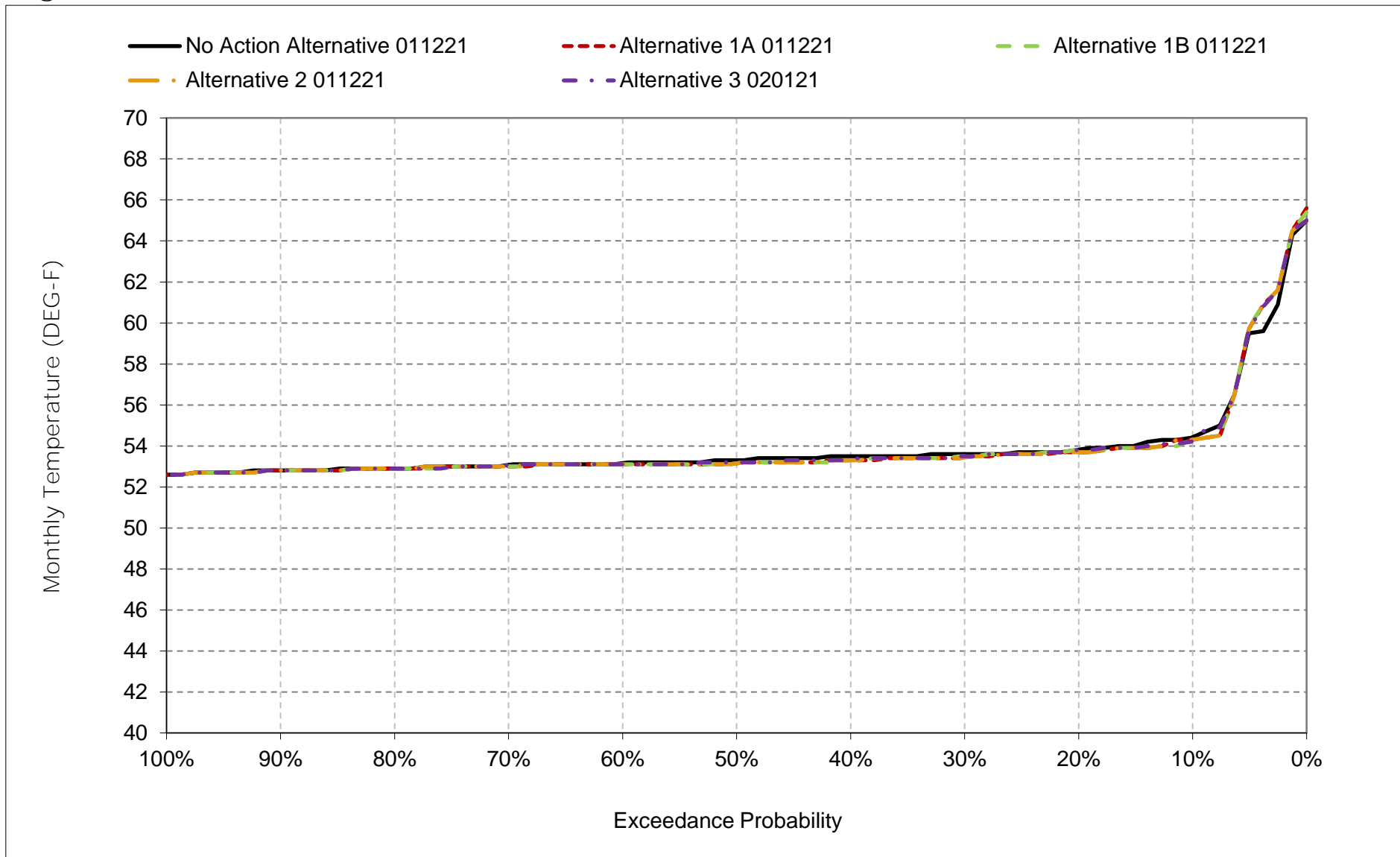


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

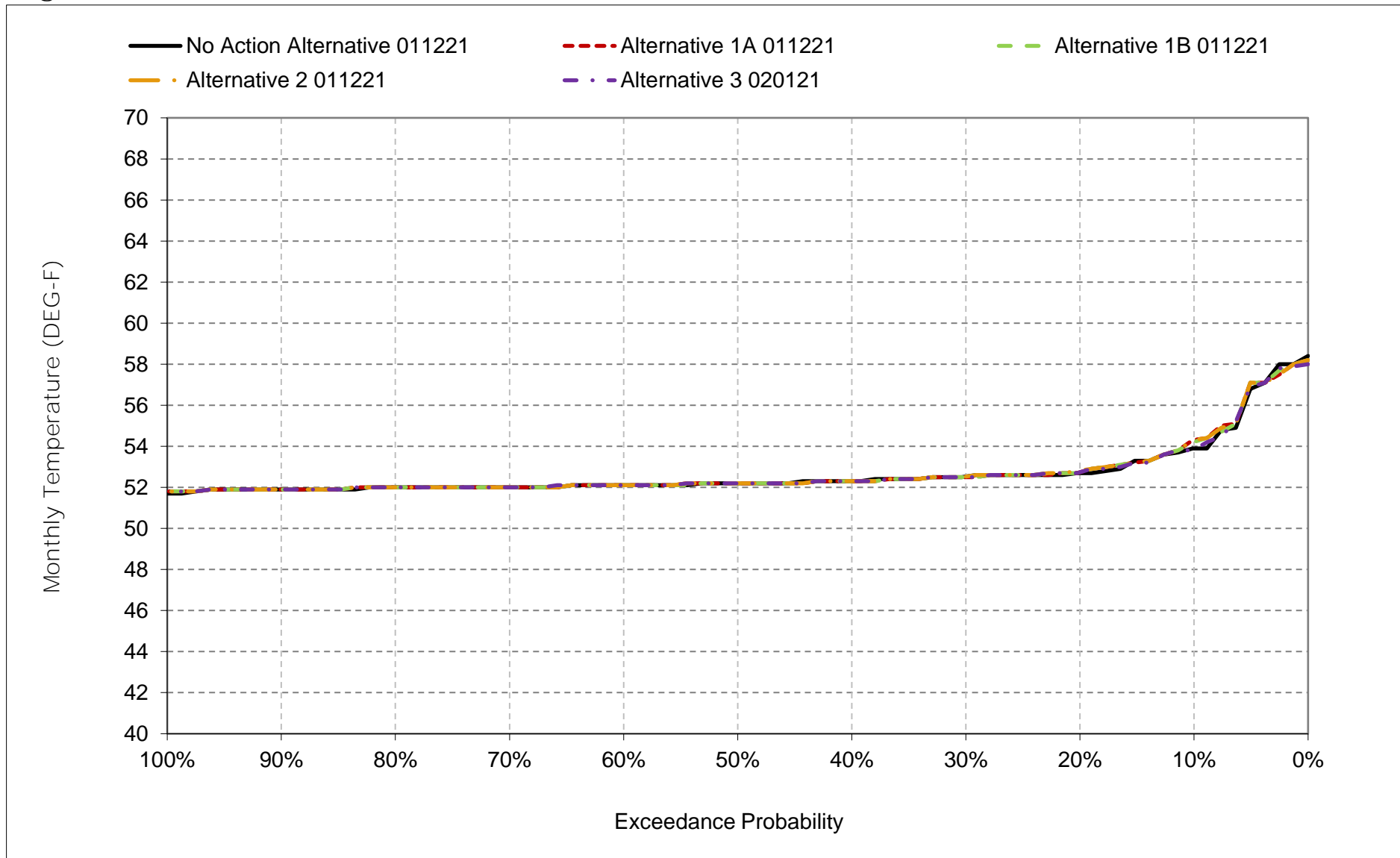
Figure 6C-16-7. Feather River Low Flow Channel, October



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

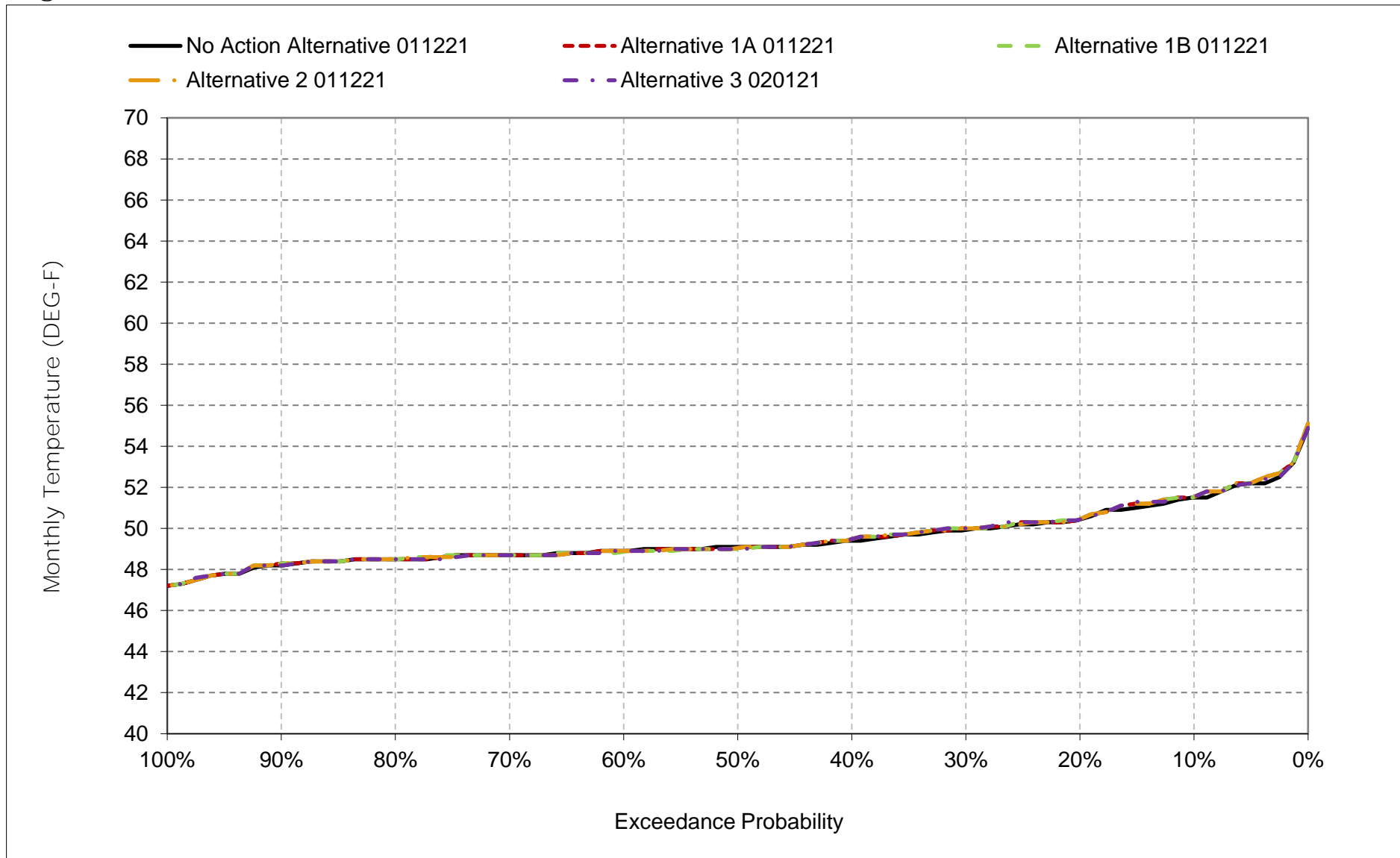


Figure 6C-16-8. Feather River Low Flow Channel, November



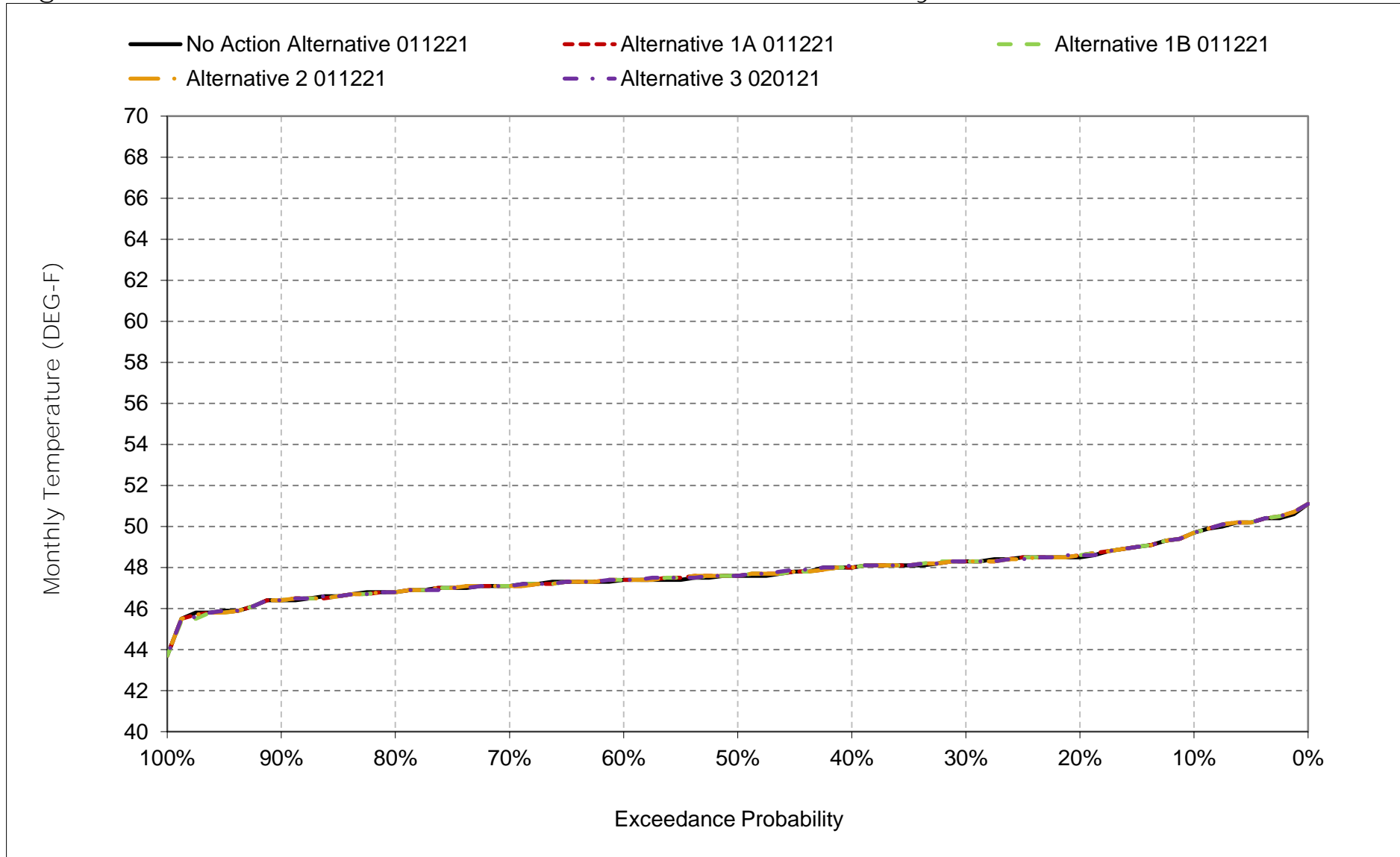
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-16-9. Feather River Low Flow Channel, December



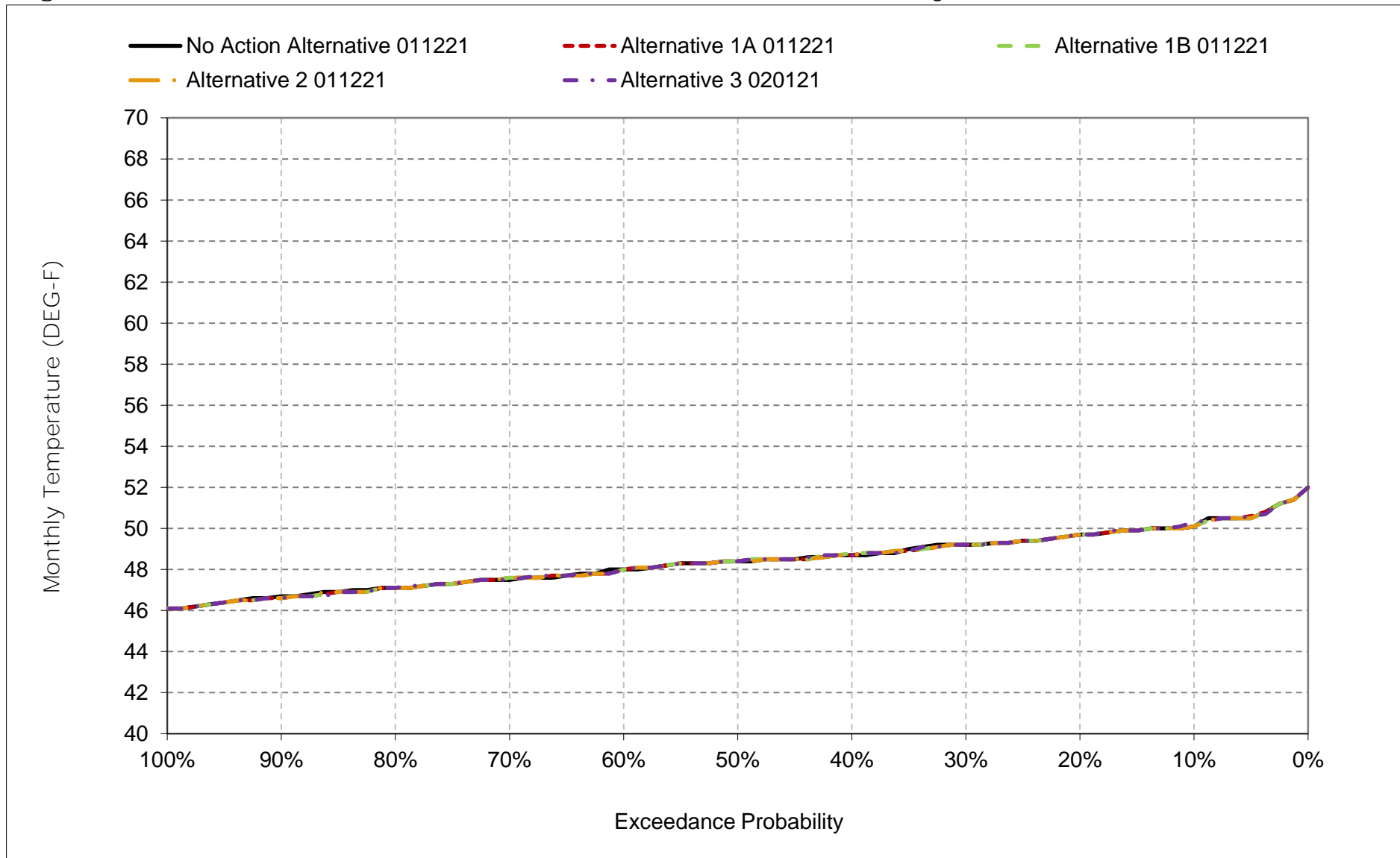
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-16-10. Feather River Low Flow Channel, January



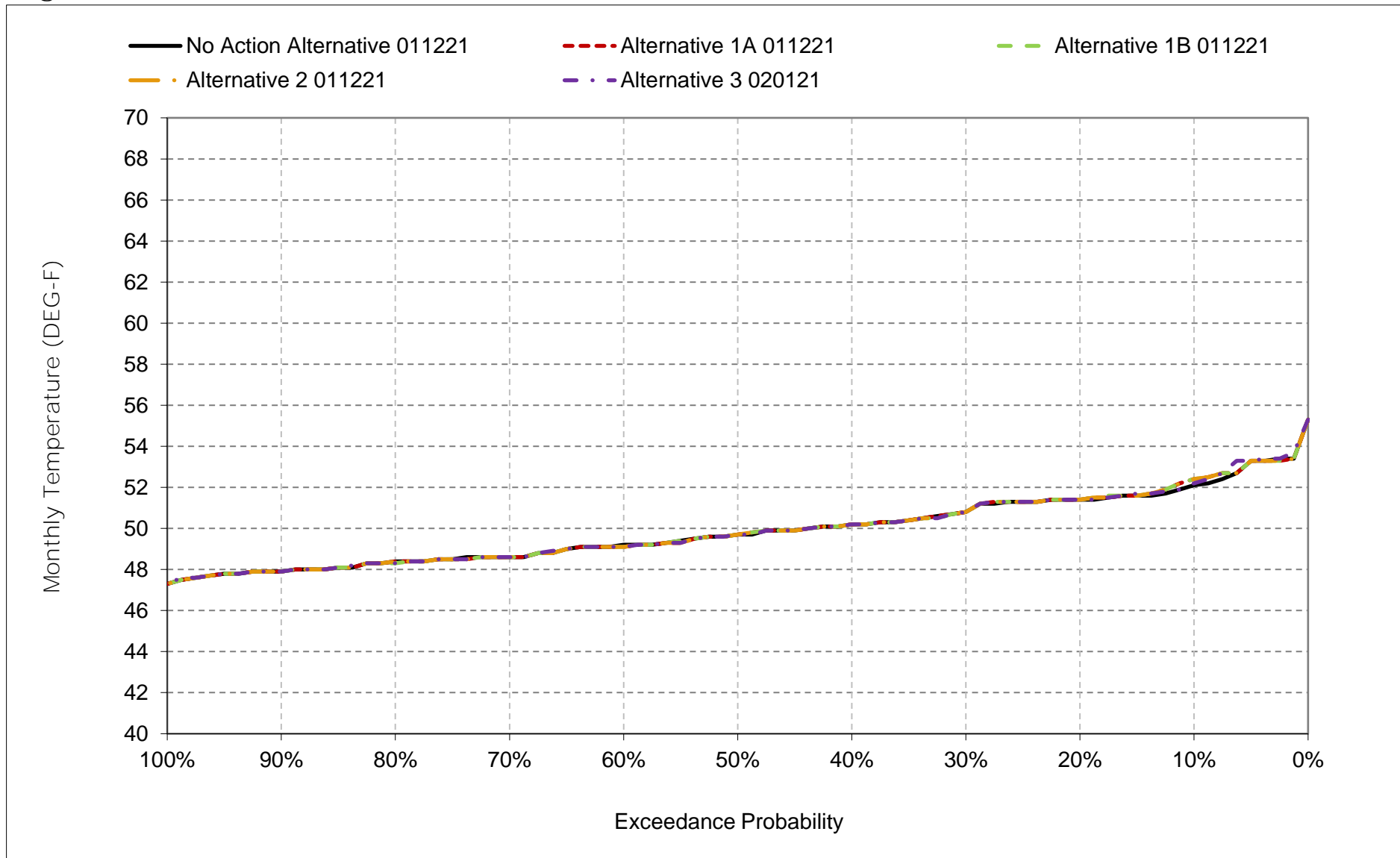
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-16-11. Feather River Low Flow Channel, February



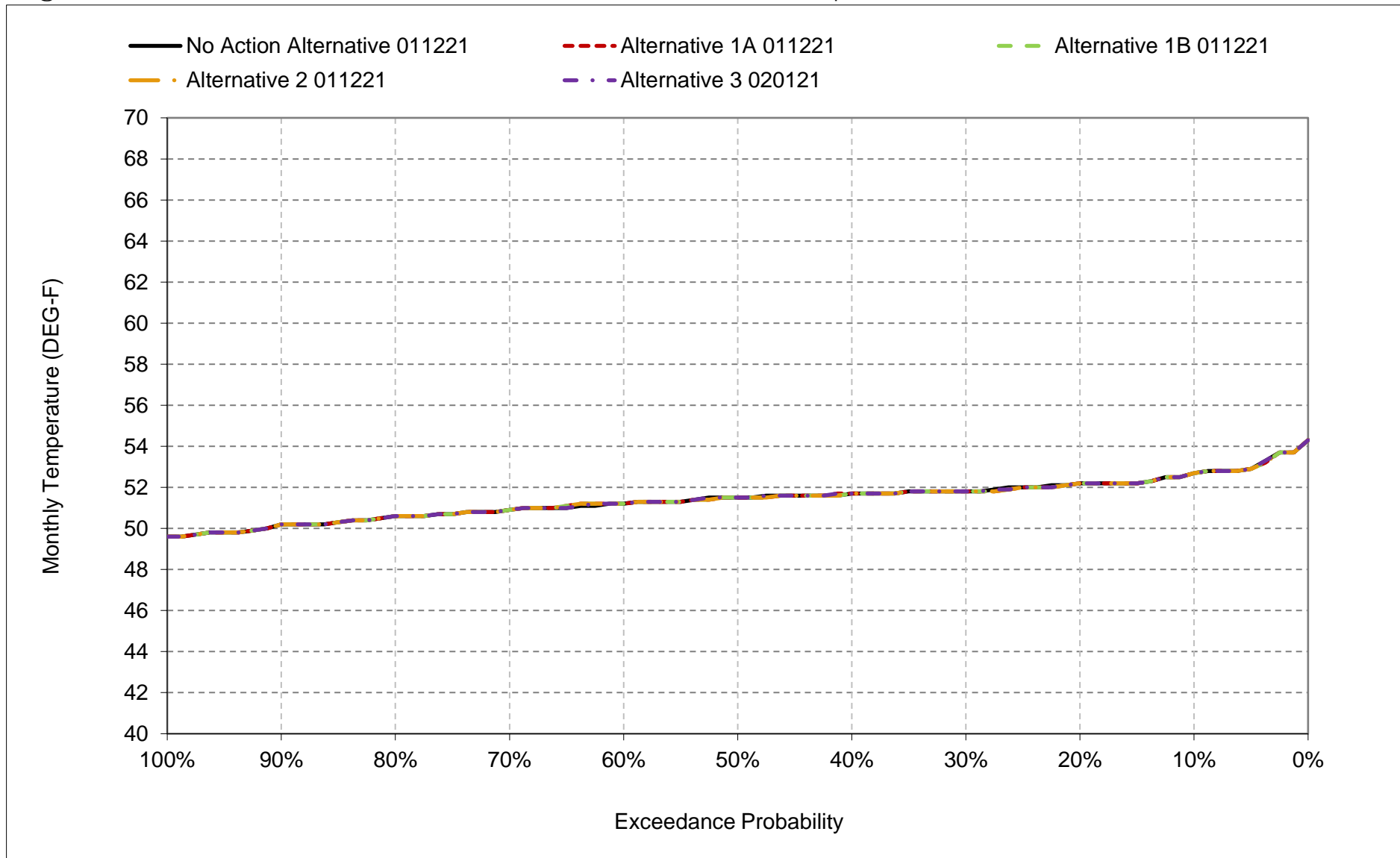
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-16-12. Feather River Low Flow Channel, March



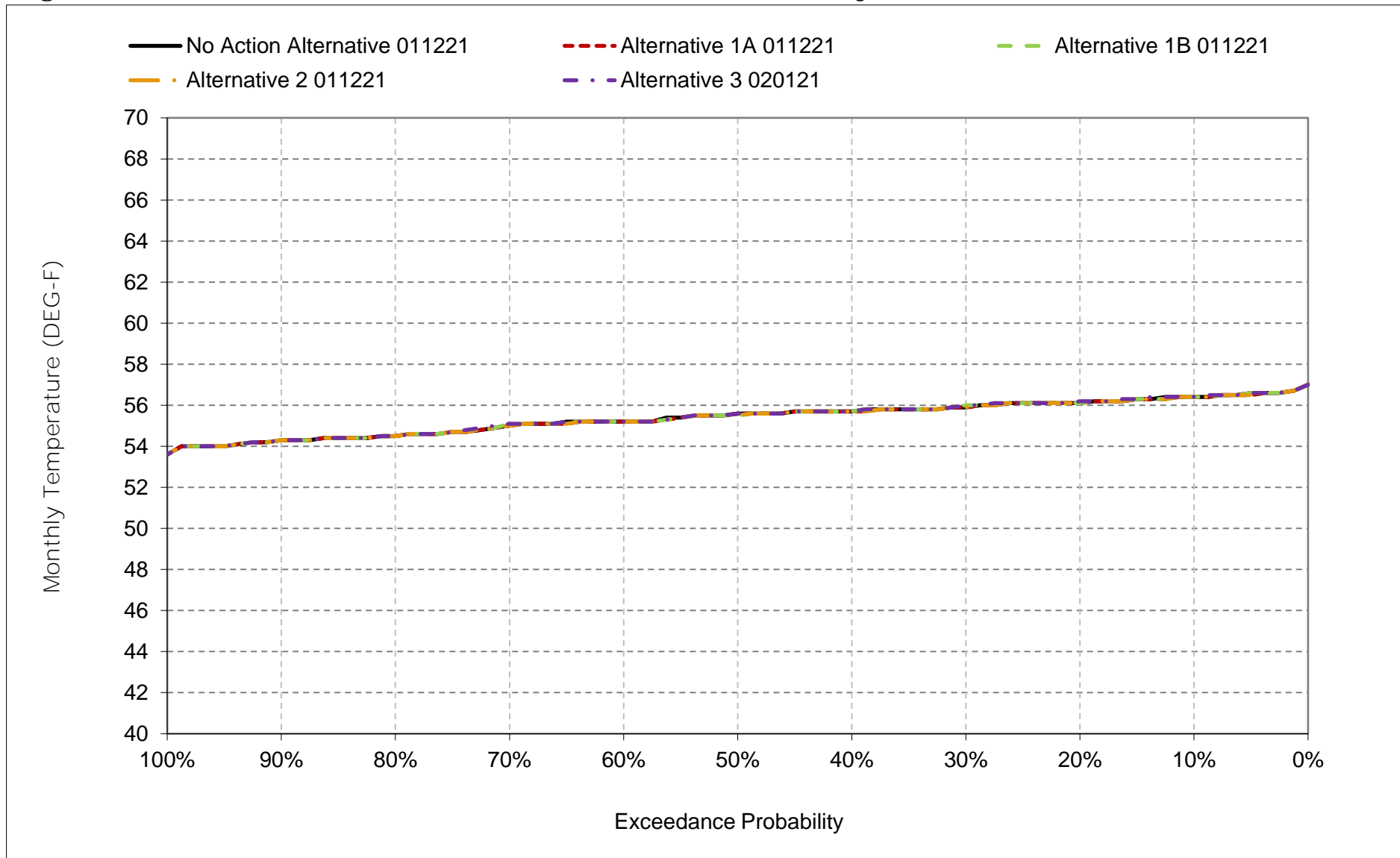
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-16-13. Feather River Low Flow Channel, April



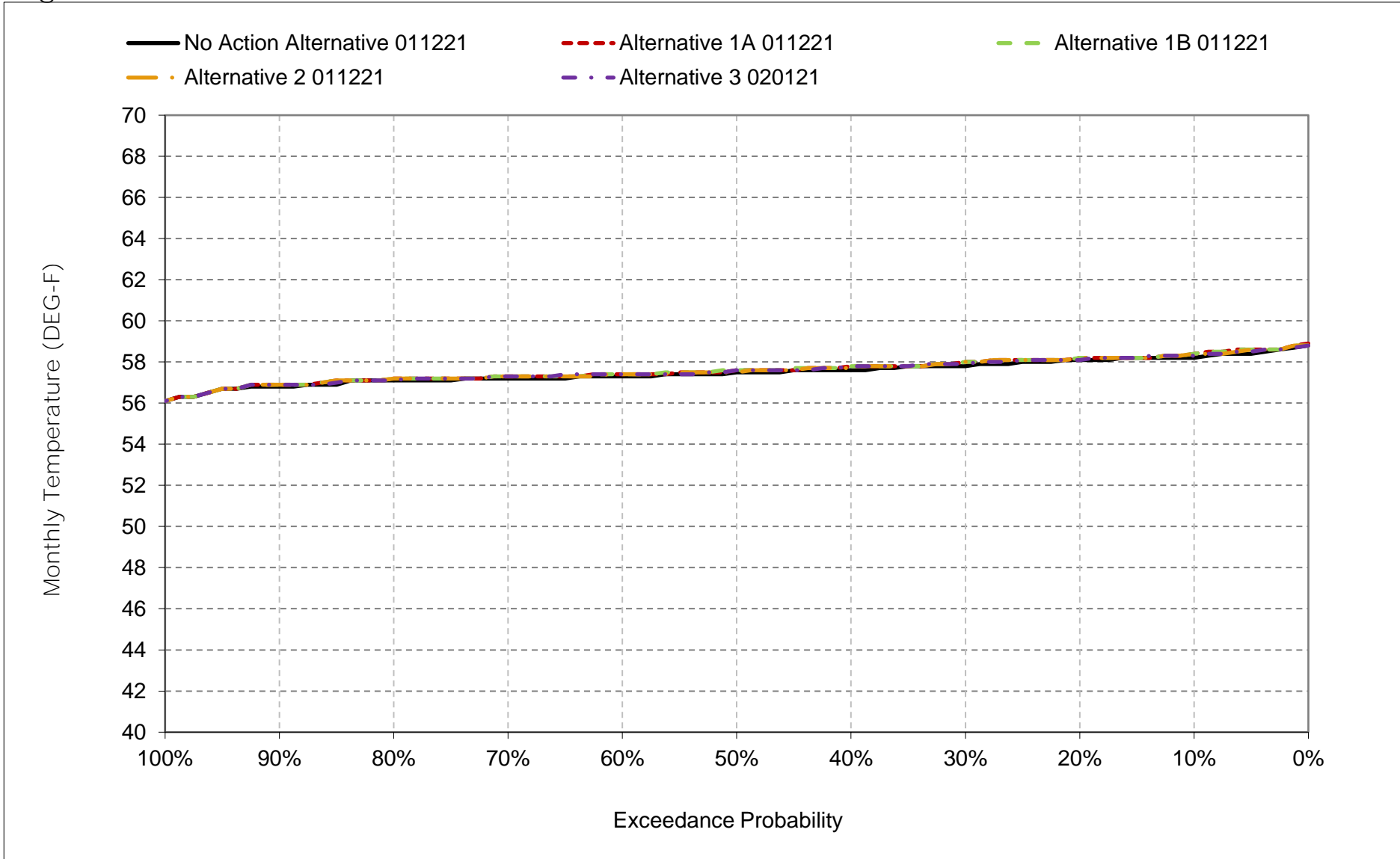
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-16-14. Feather River Low Flow Channel, May



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

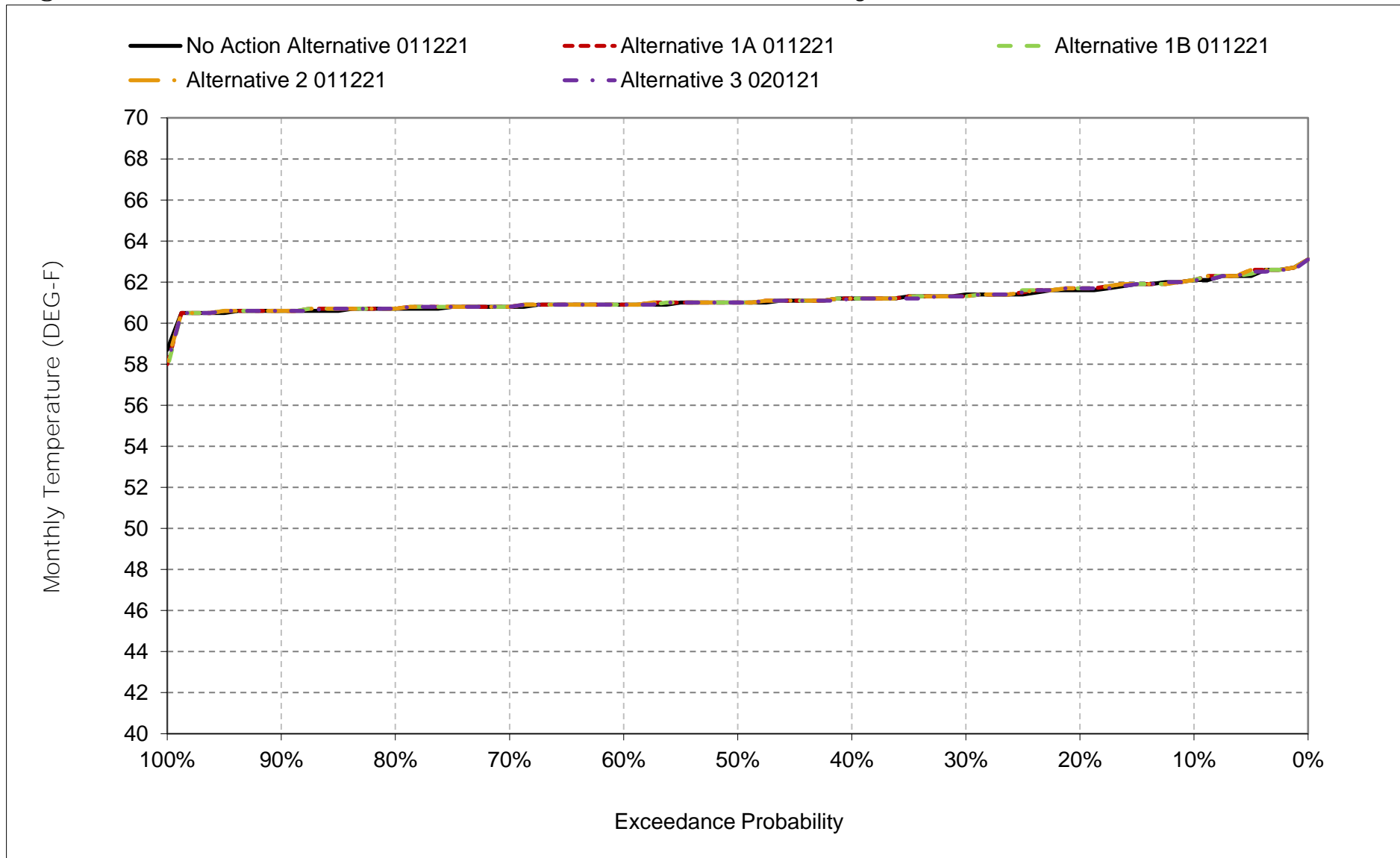
Figure 6C-16-15. Feather River Low Flow Channel, June



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

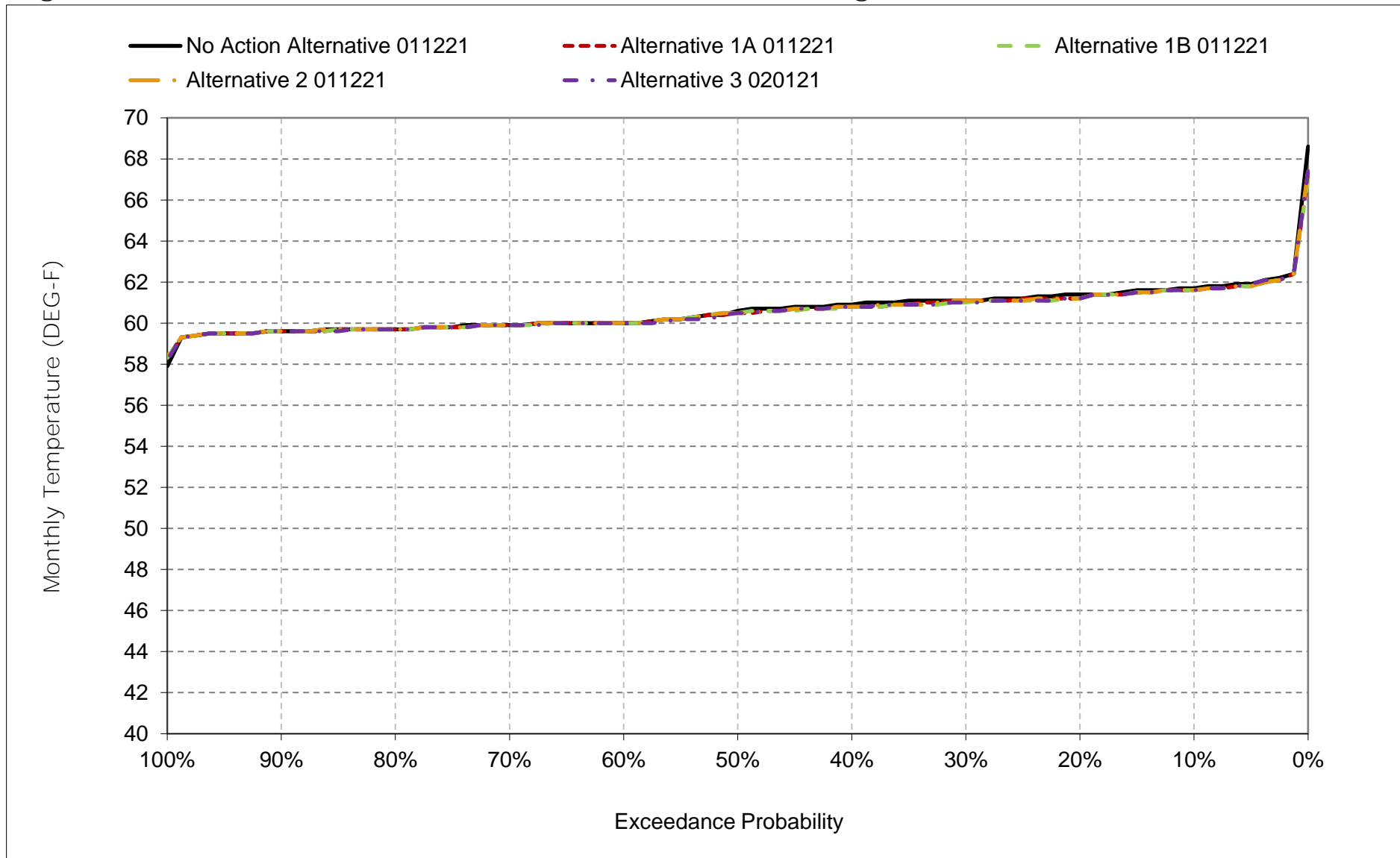


Figure 6C-16-16. Feather River Low Flow Channel, July



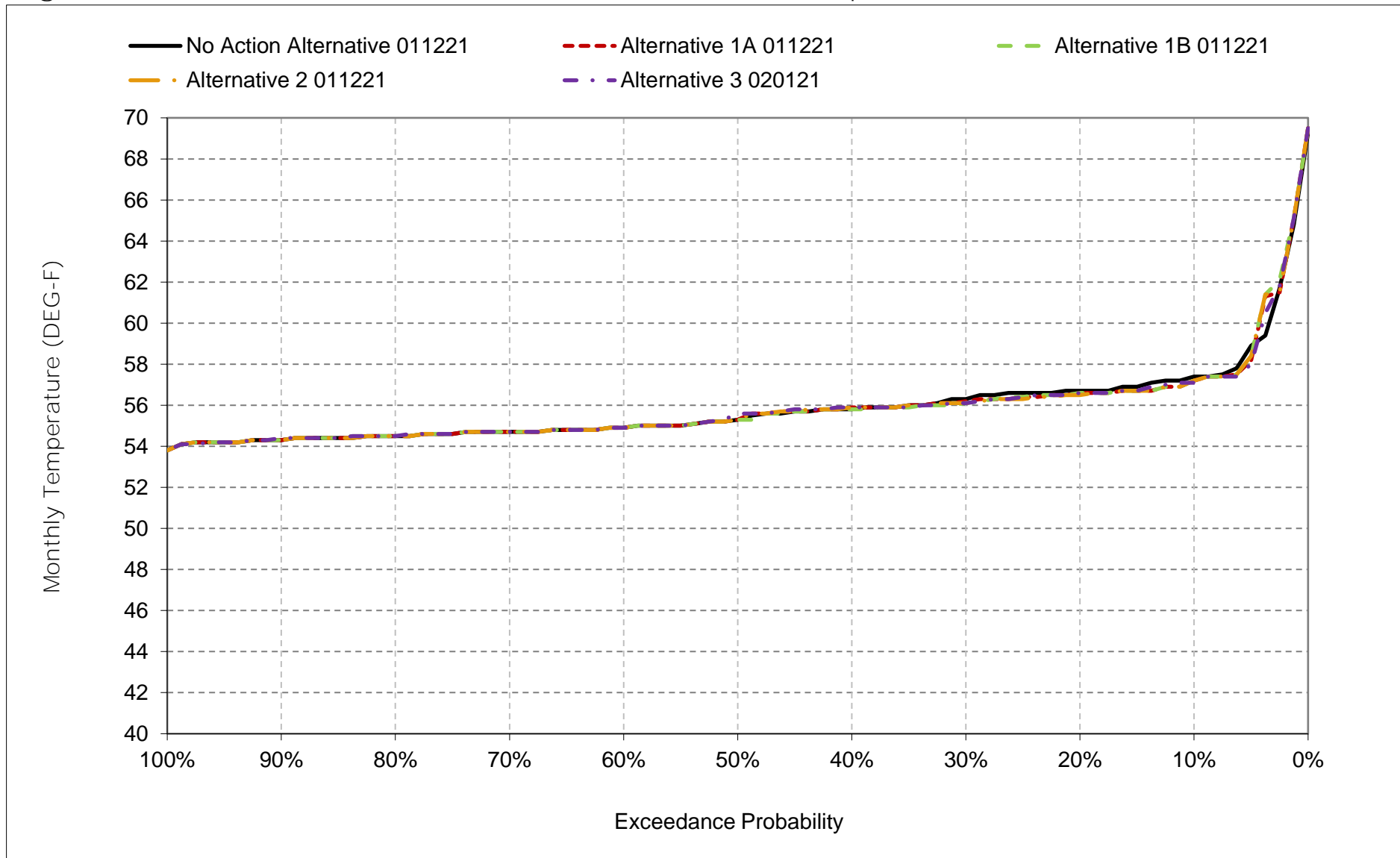
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-16-17. Feather River Low Flow Channel, August



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-16-18. Feather River Low Flow Channel, September



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-17-1a. Feather River at Robinson Riffle, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	56.9	54.2	50.7	48.9	50.9	53.7	56.5	61.2	65.2	68.6	67.2	61.4
20%	56.1	53.3	49.8	48.3	50.1	53.0	55.7	60.8	64.5	68.0	66.8	60.9
30%	55.8	53.0	49.3	48.0	49.7	52.4	55.1	60.4	64.2	67.8	66.4	60.6
40%	55.6	52.7	49.0	47.6	49.3	51.6	54.9	60.1	63.7	67.5	66.2	60.1
50%	55.3	52.4	48.7	47.2	49.0	51.1	54.5	59.8	63.5	67.3	65.8	59.9
60%	55.2	52.2	48.2	47.1	48.6	50.7	54.1	59.5	63.0	67.1	65.5	59.6
70%	55.0	52.1	48.0	46.8	48.2	50.5	53.8	59.2	62.9	66.7	65.2	59.2
80%	54.6	51.9	47.7	46.3	47.8	50.0	53.6	59.1	62.7	66.4	65.1	58.8
90%	54.5	51.7	47.4	45.8	47.4	49.7	52.9	58.2	62.0	66.2	64.5	58.4
Long Term												
Full Simulation Period <sup>a</sup>	55.8	52.8	48.8	47.3	49.1	51.5	54.6	59.8	63.5	67.4	65.9	60.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	55.0	52.4	48.7	47.5	48.7	50.3	53.5	59.4	63.0	67.6	66.0	59.3
Above Normal (15%)	55.0	52.0	48.5	47.3	48.8	51.1	54.8	60.3	64.1	67.0	65.1	58.9
Below Normal (17%)	55.5	52.6	48.6	47.1	48.8	51.9	55.3	60.0	63.9	67.3	65.6	60.3
Dry (22%)	55.5	53.0	49.2	47.1	49.3	52.4	55.3	60.0	63.9	67.1	66.3	60.4
Critical (15%)	58.8	54.5	49.0	47.5	50.1	52.6	55.1	60.0	63.1	67.6	66.4	62.1

Table 6C-17-1b. Feather River at Robinson Riffle, Alternative 1A 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	56.7	54.4	50.8	48.9	50.8	53.9	56.5	61.1	65.2	68.6	67.2	61.4
20%	56.1	53.3	49.8	48.3	50.1	53.1	55.7	60.8	64.6	68.0	66.8	60.8
30%	55.8	53.1	49.3	48.0	49.7	52.4	55.1	60.5	64.3	67.8	66.4	60.5
40%	55.5	52.7	49.0	47.5	49.3	51.6	54.9	60.1	63.8	67.5	66.2	60.1
50%	55.3	52.4	48.7	47.2	49.0	51.1	54.5	59.8	63.6	67.4	65.7	59.9
60%	55.1	52.2	48.3	47.1	48.6	50.7	54.1	59.5	63.1	67.1	65.4	59.6
70%	54.8	52.1	48.0	46.8	48.1	50.5	53.9	59.2	62.9	66.7	65.1	59.2
80%	54.6	51.9	47.8	46.3	47.9	50.0	53.6	59.1	62.7	66.5	65.0	58.8
90%	54.5	51.7	47.5	45.8	47.4	49.7	52.9	58.2	62.0	66.2	64.5	58.4
Long Term												
Full Simulation Period <sup>a</sup>	55.7	52.8	48.8	47.3	49.0	51.5	54.6	59.8	63.6	67.4	65.9	60.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	55.0	52.4	48.7	47.5	48.6	50.3	53.5	59.4	63.0	67.6	66.0	59.3
Above Normal (15%)	55.0	52.0	48.5	47.3	48.8	51.2	54.8	60.3	64.1	67.0	65.1	58.9
Below Normal (17%)	55.4	52.5	48.7	47.2	48.8	51.9	55.3	60.0	63.9	67.3	65.6	60.3
Dry (22%)	55.4	53.0	49.3	47.1	49.3	52.4	55.3	59.9	64.1	67.1	66.1	60.3
Critical (15%)	58.9	54.5	48.9	47.5	50.1	52.7	55.1	60.0	63.2	67.6	66.2	62.1

Table 6C-17-1c. Feather River at Robinson Riffle, Alternative 1A 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	-0.2	0.2	0.1	0.0	-0.1	0.2	0.0	-0.1	0.0	0.0	0.0	0.0
20%	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	-0.1
30%	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	-0.1
40%	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	0.0
60%	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0
70%	-0.2	0.0	0.0	0.0	-0.1	0.0	0.1	0.0	0.0	0.0	-0.1	0.0
80%	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.1	-0.1	0.0
90%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal (17%)	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry (22%)	-0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	-0.1
Critical (15%)	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	-0.1	0.0

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-17-2a. Feather River at Robinson Riffle, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	56.9	54.2	50.7	48.9	50.9	53.7	56.5	61.2	65.2	68.6	67.2	61.4
20%	56.1	53.3	49.8	48.3	50.1	53.0	55.7	60.8	64.5	68.0	66.8	60.9
30%	55.8	53.0	49.3	48.0	49.7	52.4	55.1	60.4	64.2	67.8	66.4	60.6
40%	55.6	52.7	49.0	47.6	49.3	51.6	54.9	60.1	63.7	67.5	66.2	60.1
50%	55.3	52.4	48.7	47.2	49.0	51.1	54.5	59.8	63.5	67.3	65.8	59.9
60%	55.2	52.2	48.2	47.1	48.6	50.7	54.1	59.5	63.0	67.1	65.5	59.6
70%	55.0	52.1	48.0	46.8	48.2	50.5	53.8	59.2	62.9	66.7	65.2	59.2
80%	54.6	51.9	47.7	46.3	47.8	50.0	53.6	59.1	62.7	66.4	65.1	58.8
90%	54.5	51.7	47.4	45.8	47.4	49.7	52.9	58.2	62.0	66.2	64.5	58.4
Long Term												
Full Simulation Period <sup>a</sup>	55.8	52.8	48.8	47.3	49.1	51.5	54.6	59.8	63.5	67.4	65.9	60.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	55.0	52.4	48.7	47.5	48.7	50.3	53.5	59.4	63.0	67.6	66.0	59.3
Above Normal (15%)	55.0	52.0	48.5	47.3	48.8	51.1	54.8	60.3	64.1	67.0	65.1	58.9
Below Normal (17%)	55.5	52.6	48.6	47.1	48.8	51.9	55.3	60.0	63.9	67.3	65.6	60.3
Dry (22%)	55.5	53.0	49.2	47.1	49.3	52.4	55.3	60.0	63.9	67.1	66.3	60.4
Critical (15%)	58.8	54.5	49.0	47.5	50.1	52.6	55.1	60.0	63.1	67.6	66.4	62.1

Table 6C-17-2b. Feather River at Robinson Riffle, Alternative 1B 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	56.5	54.2	50.8	48.9	50.9	53.9	56.5	61.1	65.2	68.6	67.2	61.4
20%	56.1	53.3	49.8	48.3	50.1	53.1	55.7	60.8	64.6	68.0	66.8	60.8
30%	55.8	53.1	49.3	48.0	49.7	52.4	55.1	60.5	64.3	67.8	66.4	60.5
40%	55.5	52.7	49.0	47.6	49.3	51.6	54.9	60.1	63.8	67.5	66.1	60.1
50%	55.3	52.4	48.7	47.2	49.0	51.1	54.5	59.8	63.6	67.4	65.7	59.9
60%	55.1	52.2	48.3	47.1	48.6	50.7	54.1	59.5	63.1	67.1	65.4	59.6
70%	54.8	52.1	48.0	46.8	48.1	50.5	53.9	59.2	62.9	66.7	65.2	59.2
80%	54.6	51.9	47.8	46.3	47.9	50.0	53.6	59.1	62.7	66.5	65.0	58.8
90%	54.5	51.7	47.5	45.8	47.4	49.7	52.9	58.2	62.0	66.2	64.5	58.4
Long Term												
Full Simulation Period <sup>a</sup>	55.7	52.8	48.8	47.3	49.0	51.5	54.6	59.8	63.6	67.4	65.9	60.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	55.0	52.4	48.7	47.5	48.6	50.3	53.5	59.4	63.0	67.6	66.0	59.3
Above Normal (15%)	55.0	52.0	48.5	47.3	48.8	51.2	54.8	60.3	64.1	67.0	65.1	58.9
Below Normal (17%)	55.4	52.5	48.6	47.2	48.8	51.9	55.3	60.0	63.9	67.3	65.6	60.3
Dry (22%)	55.4	53.0	49.3	47.1	49.3	52.4	55.3	60.0	64.1	67.1	66.1	60.3
Critical (15%)	59.0	54.5	48.9	47.5	50.1	52.7	55.1	60.0	63.2	67.6	66.2	62.2

Table 6C-17-2c. Feather River at Robinson Riffle, Alternative 1B 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	-0.4	0.0	0.1	0.0	0.0	0.2	0.0	-0.1	0.0	0.0	0.0	0.0
20%	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	-0.1
30%	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	-0.1
40%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	0.0
60%	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0
70%	-0.2	0.0	0.0	0.0	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.1	-0.1	0.0
90%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal (17%)	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Dry (22%)	-0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-0.1	-0.1
Critical (15%)	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	-0.1	0.1

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-17-3a. Feather River at Robinson Riffle, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	56.9	54.2	50.7	48.9	50.9	53.7	56.5	61.2	65.2	68.6	67.2	61.4
20%	56.1	53.3	49.8	48.3	50.1	53.0	55.7	60.8	64.5	68.0	66.8	60.9
30%	55.8	53.0	49.3	48.0	49.7	52.4	55.1	60.4	64.2	67.8	66.4	60.6
40%	55.6	52.7	49.0	47.6	49.3	51.6	54.9	60.1	63.7	67.5	66.2	60.1
50%	55.3	52.4	48.7	47.2	49.0	51.1	54.5	59.8	63.5	67.3	65.8	59.9
60%	55.2	52.2	48.2	47.1	48.6	50.7	54.1	59.5	63.0	67.1	65.5	59.6
70%	55.0	52.1	48.0	46.8	48.2	50.5	53.8	59.2	62.9	66.7	65.2	59.2
80%	54.6	51.9	47.7	46.3	47.8	50.0	53.6	59.1	62.7	66.4	65.1	58.8
90%	54.5	51.7	47.4	45.8	47.4	49.7	52.9	58.2	62.0	66.2	64.5	58.4
Long Term												
Full Simulation Period <sup>a</sup>	55.8	52.8	48.8	47.3	49.1	51.5	54.6	59.8	63.5	67.4	65.9	60.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	55.0	52.4	48.7	47.5	48.7	50.3	53.5	59.4	63.0	67.6	66.0	59.3
Above Normal (15%)	55.0	52.0	48.5	47.3	48.8	51.1	54.8	60.3	64.1	67.0	65.1	58.9
Below Normal (17%)	55.5	52.6	48.6	47.1	48.8	51.9	55.3	60.0	63.9	67.3	65.6	60.3
Dry (22%)	55.5	53.0	49.2	47.1	49.3	52.4	55.3	60.0	63.9	67.1	66.3	60.4
Critical (15%)	58.8	54.5	49.0	47.5	50.1	52.6	55.1	60.0	63.1	67.6	66.4	62.1

Table 6C-17-3b. Feather River at Robinson Riffle, Alternative 2 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	56.7	54.3	50.8	48.9	50.8	53.9	56.5	61.1	65.2	68.6	67.2	61.4
20%	56.1	53.4	49.8	48.3	50.1	53.1	55.7	60.8	64.6	68.0	66.8	60.8
30%	55.8	53.1	49.3	48.0	49.7	52.4	55.1	60.5	64.3	67.8	66.4	60.3
40%	55.5	52.7	49.0	47.5	49.3	51.6	54.9	60.1	63.8	67.5	66.2	60.1
50%	55.3	52.4	48.7	47.2	49.0	51.1	54.5	59.8	63.6	67.4	65.7	59.9
60%	55.1	52.2	48.3	47.1	48.6	50.7	54.1	59.5	63.1	67.1	65.4	59.6
70%	54.8	52.1	48.0	46.8	48.1	50.5	53.9	59.2	62.9	66.7	65.1	59.2
80%	54.6	51.9	47.8	46.3	47.9	50.0	53.6	59.1	62.7	66.5	65.0	58.8
90%	54.5	51.7	47.5	45.8	47.4	49.7	52.9	58.2	62.0	66.2	64.5	58.4
Long Term												
Full Simulation Period <sup>a</sup>	55.7	52.8	48.8	47.3	49.0	51.5	54.6	59.8	63.5	67.4	65.9	60.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	55.0	52.4	48.7	47.5	48.6	50.3	53.5	59.4	63.0	67.6	66.0	59.3
Above Normal (15%)	55.0	52.0	48.5	47.3	48.8	51.2	54.8	60.3	64.1	67.0	65.1	58.9
Below Normal (17%)	55.4	52.5	48.6	47.2	48.8	51.9	55.3	60.0	63.9	67.3	65.6	60.3
Dry (22%)	55.4	53.0	49.3	47.1	49.3	52.4	55.3	59.9	64.0	67.1	66.1	60.3
Critical (15%)	58.9	54.5	48.9	47.5	50.1	52.7	55.1	60.0	63.2	67.6	66.3	62.1

Table 6C-17-3c. Feather River at Robinson Riffle, Alternative 2 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	-0.2	0.1	0.1	0.0	-0.1	0.2	0.0	-0.1	0.0	0.0	0.0	0.0
20%	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	-0.1
30%	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	-0.3
40%	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	0.0
60%	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0
70%	-0.2	0.0	0.0	0.0	-0.1	0.0	0.1	0.0	0.0	0.0	-0.1	0.0
80%	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.1	-0.1	0.0
90%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal (17%)	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry (22%)	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	-0.1
Critical (15%)	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	-0.1	0.0

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-17-4a. Feather River at Robinson Riffle, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	56.9	54.2	50.7	48.9	50.9	53.7	56.5	61.2	65.2	68.6	67.2	61.4
20%	56.1	53.3	49.8	48.3	50.1	53.0	55.7	60.8	64.5	68.0	66.8	60.9
30%	55.8	53.0	49.3	48.0	49.7	52.4	55.1	60.4	64.2	67.8	66.4	60.6
40%	55.6	52.7	49.0	47.6	49.3	51.6	54.9	60.1	63.7	67.5	66.2	60.1
50%	55.3	52.4	48.7	47.2	49.0	51.1	54.5	59.8	63.5	67.3	65.8	59.9
60%	55.2	52.2	48.2	47.1	48.6	50.7	54.1	59.5	63.0	67.1	65.5	59.6
70%	55.0	52.1	48.0	46.8	48.2	50.5	53.8	59.2	62.9	66.7	65.2	59.2
80%	54.6	51.9	47.7	46.3	47.8	50.0	53.6	59.1	62.7	66.4	65.1	58.8
90%	54.5	51.7	47.4	45.8	47.4	49.7	52.9	58.2	62.0	66.2	64.5	58.4
Long Term												
Full Simulation Period <sup>a</sup>	55.8	52.8	48.8	47.3	49.1	51.5	54.6	59.8	63.5	67.4	65.9	60.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	55.0	52.4	48.7	47.5	48.7	50.3	53.5	59.4	63.0	67.6	66.0	59.3
Above Normal (15%)	55.0	52.0	48.5	47.3	48.8	51.1	54.8	60.3	64.1	67.0	65.1	58.9
Below Normal (17%)	55.5	52.6	48.6	47.1	48.8	51.9	55.3	60.0	63.9	67.3	65.6	60.3
Dry (22%)	55.5	53.0	49.2	47.1	49.3	52.4	55.3	60.0	63.9	67.1	66.3	60.4
Critical (15%)	58.8	54.5	49.0	47.5	50.1	52.6	55.1	60.0	63.1	67.6	66.4	62.1

Table 6C-17-4b. Feather River at Robinson Riffle, Alternative 3 020121, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	56.7	54.0	50.8	48.9	51.1	53.7	56.5	61.2	65.2	68.6	67.2	61.4
20%	56.1	53.3	49.8	48.3	50.1	53.0	55.7	60.8	64.6	68.0	66.8	60.8
30%	55.8	53.1	49.3	48.0	49.7	52.4	55.1	60.5	64.3	67.8	66.4	60.5
40%	55.5	52.7	48.9	47.5	49.3	51.6	54.9	60.1	63.7	67.5	66.1	60.1
50%	55.3	52.4	48.7	47.2	49.0	51.1	54.5	59.9	63.6	67.3	65.7	59.9
60%	55.1	52.2	48.3	47.1	48.6	50.8	54.1	59.5	63.1	67.1	65.4	59.6
70%	54.8	52.1	47.9	46.8	48.1	50.5	53.8	59.2	62.9	66.7	65.2	59.2
80%	54.6	51.9	47.7	46.3	47.9	50.0	53.6	59.1	62.6	66.5	65.0	58.8
90%	54.5	51.8	47.4	45.8	47.4	49.7	52.9	58.2	62.0	66.2	64.5	58.5
Long Term												
Full Simulation Period <sup>a</sup>	55.8	52.8	48.8	47.3	49.0	51.5	54.6	59.8	63.5	67.4	65.9	60.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	55.0	52.4	48.6	47.5	48.6	50.3	53.5	59.4	63.0	67.6	66.0	59.3
Above Normal (15%)	55.0	52.0	48.5	47.3	48.8	51.3	54.8	60.3	64.1	67.0	65.1	58.9
Below Normal (17%)	55.4	52.5	48.6	47.1	48.8	51.9	55.3	60.0	63.9	67.3	65.6	60.3
Dry (22%)	55.4	53.0	49.3	47.1	49.3	52.4	55.3	60.0	64.0	67.1	66.1	60.3
Critical (15%)	59.0	54.4	48.9	47.5	50.1	52.6	55.1	60.0	63.2	67.6	66.2	62.1

Table 6C-17-4c. Feather River at Robinson Riffle, Alternative 3 020121 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	-0.2	-0.2	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1
30%	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	-0.1
40%	-0.1	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	-0.1	0.0
60%	-0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.0	-0.1	0.0
70%	-0.2	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	0.1	-0.1	0.0
90%	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Long Term												
Full Simulation Period <sup>a</sup>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal (17%)	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry (22%)	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	-0.1
Critical (15%)	0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.2	0.0

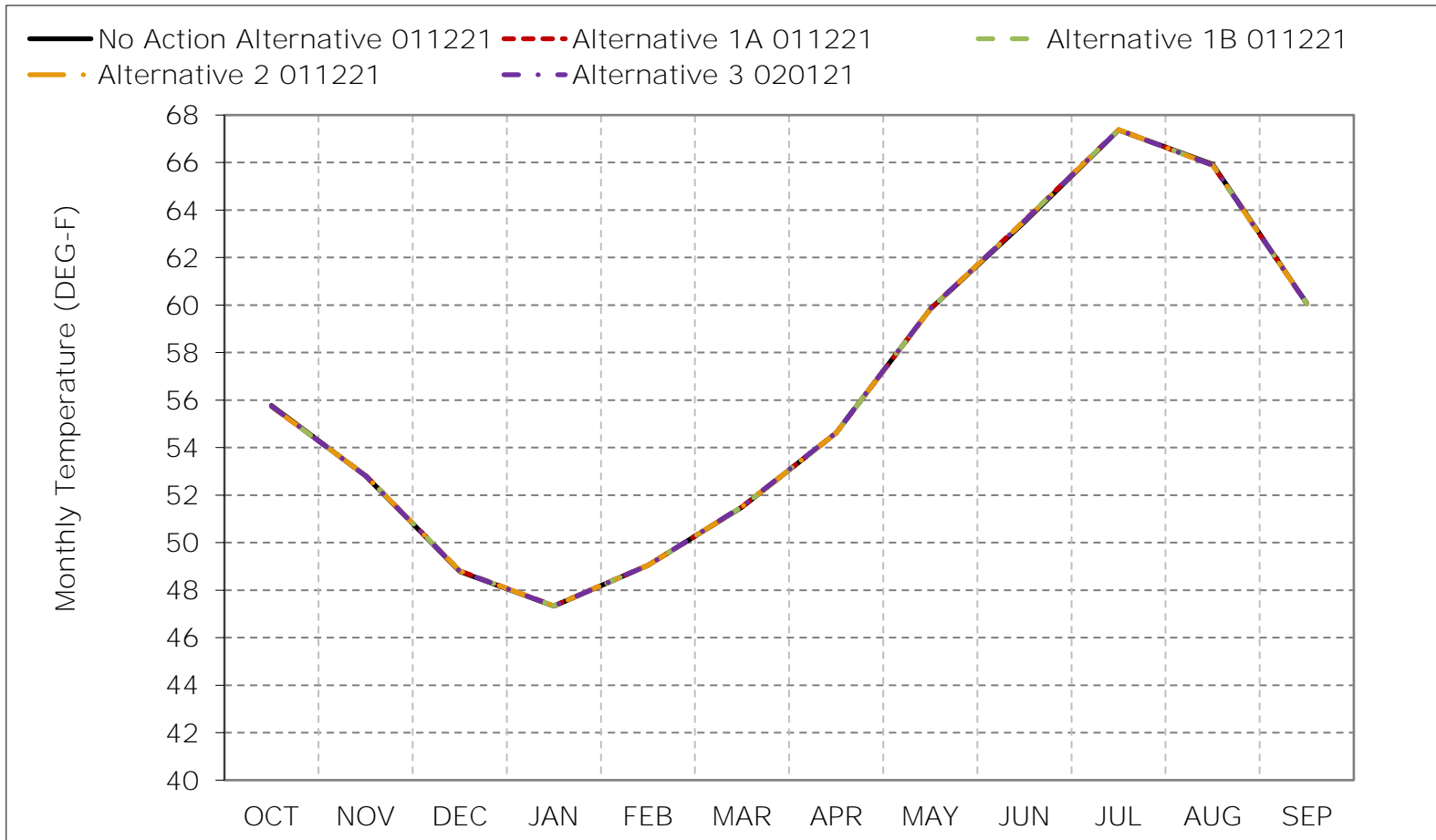
a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-17-1. Feather River at Robinson Riffle, Long-Term Average Temperature



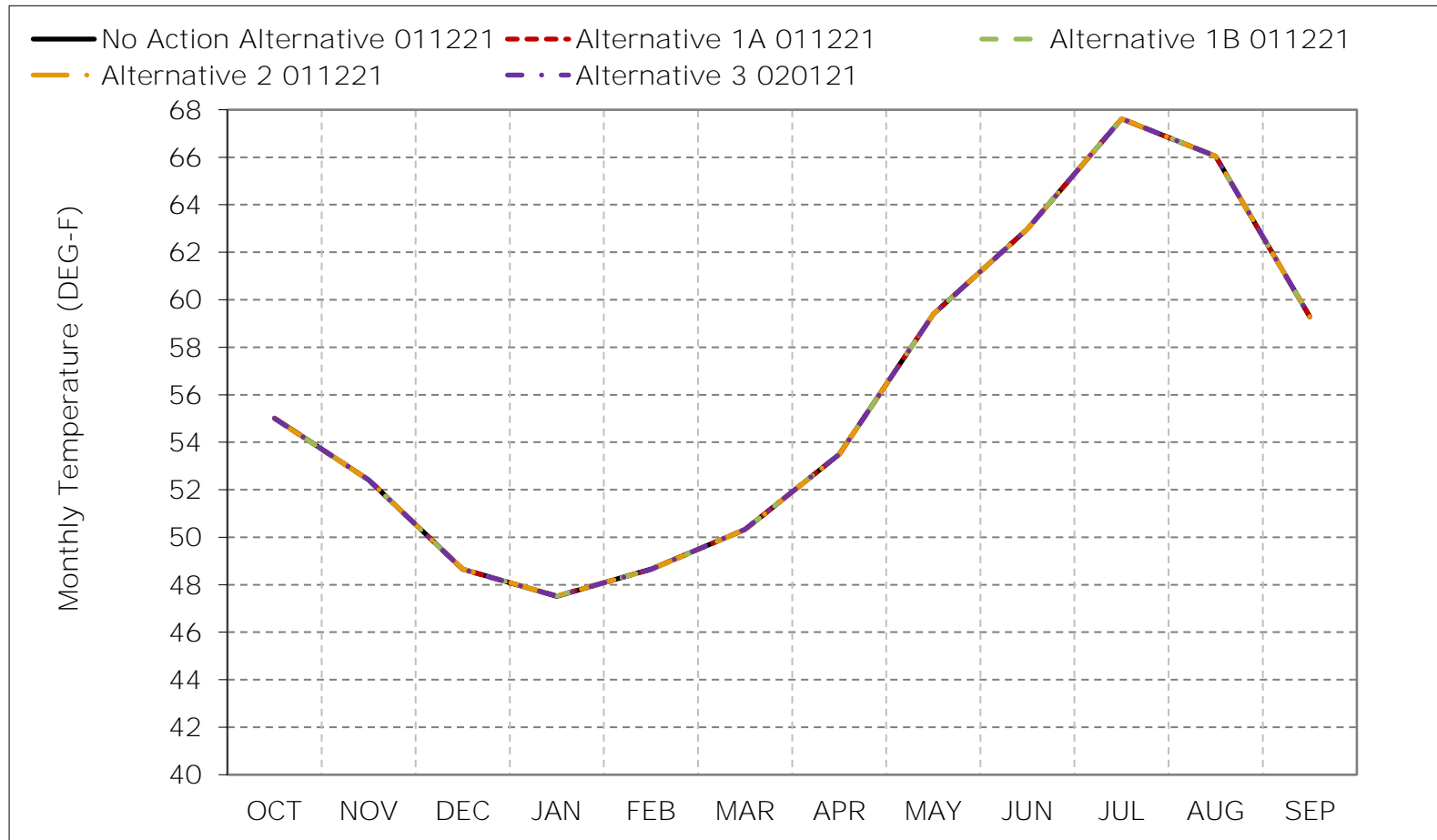
\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.



Figure 6C-17-2. Feather River at Robinson Riffle, Wet Year Average Temperature

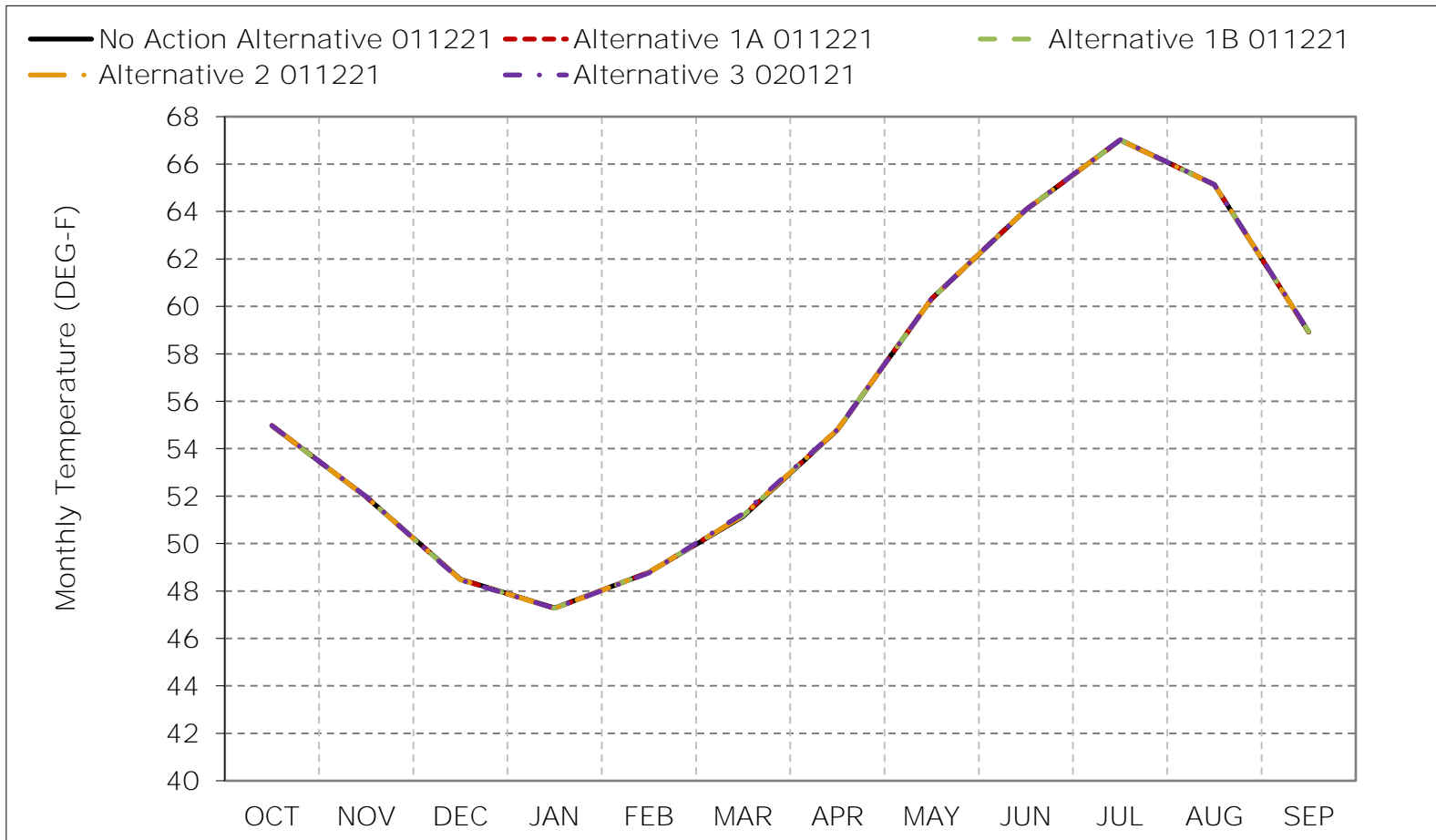


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-17-3. Feather River at Robinson Riffle, Above Normal Year Average Temperat

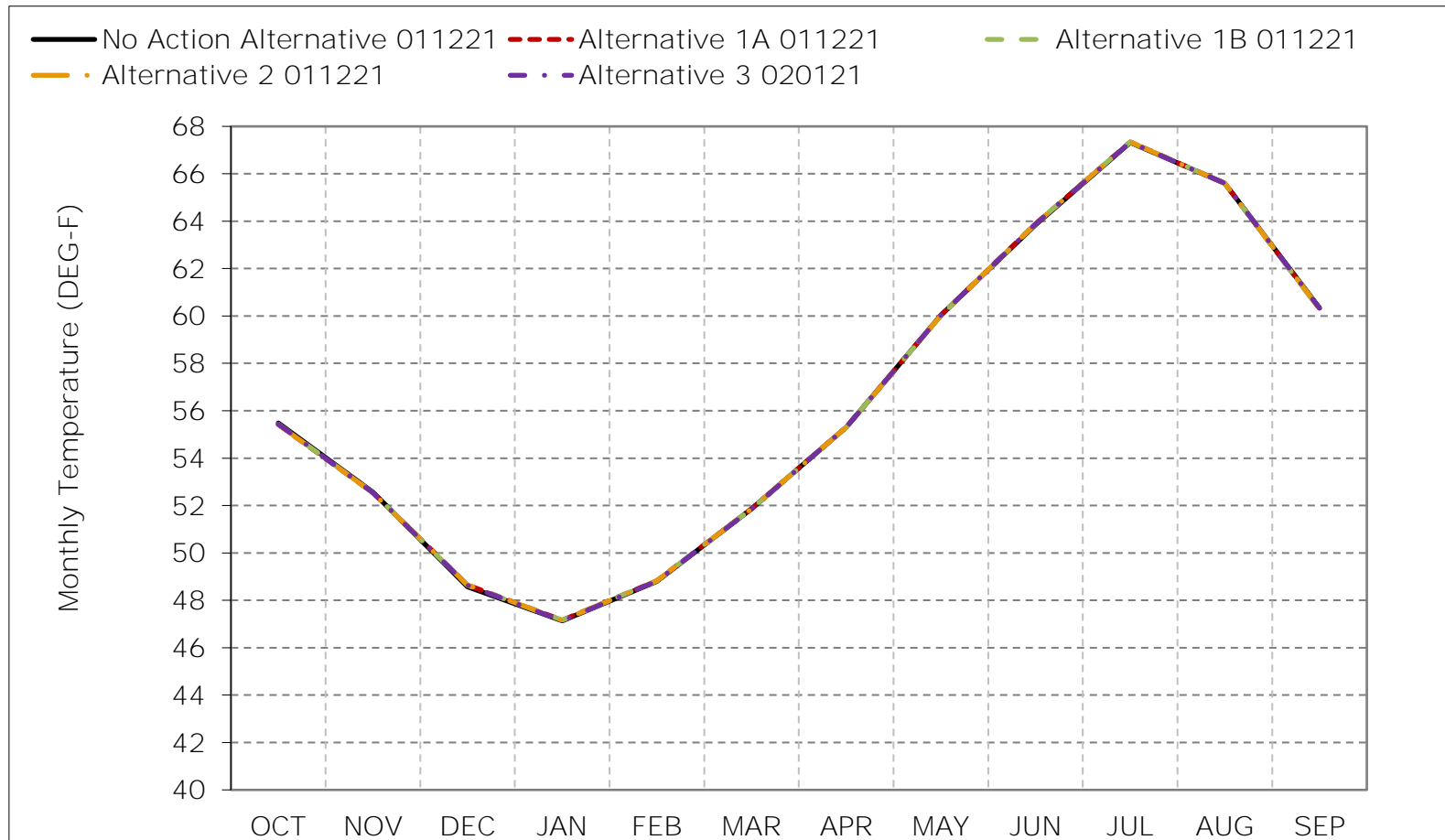


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-17-4. Feather River at Robinson Riffle, Below Normal Year Average Temperat

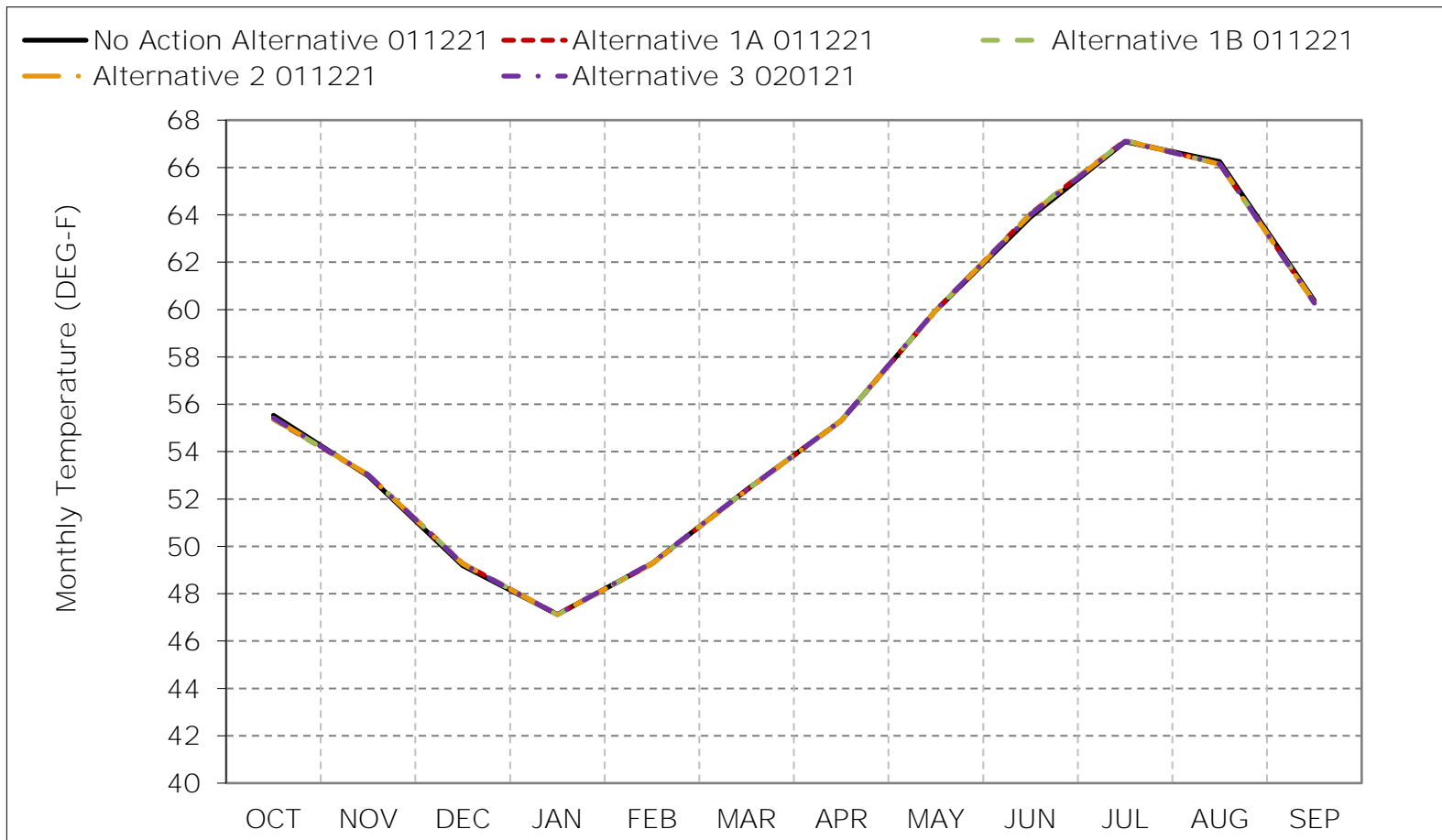


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-17-5. Feather River at Robinson Riffle, Dry Year Average Temperature

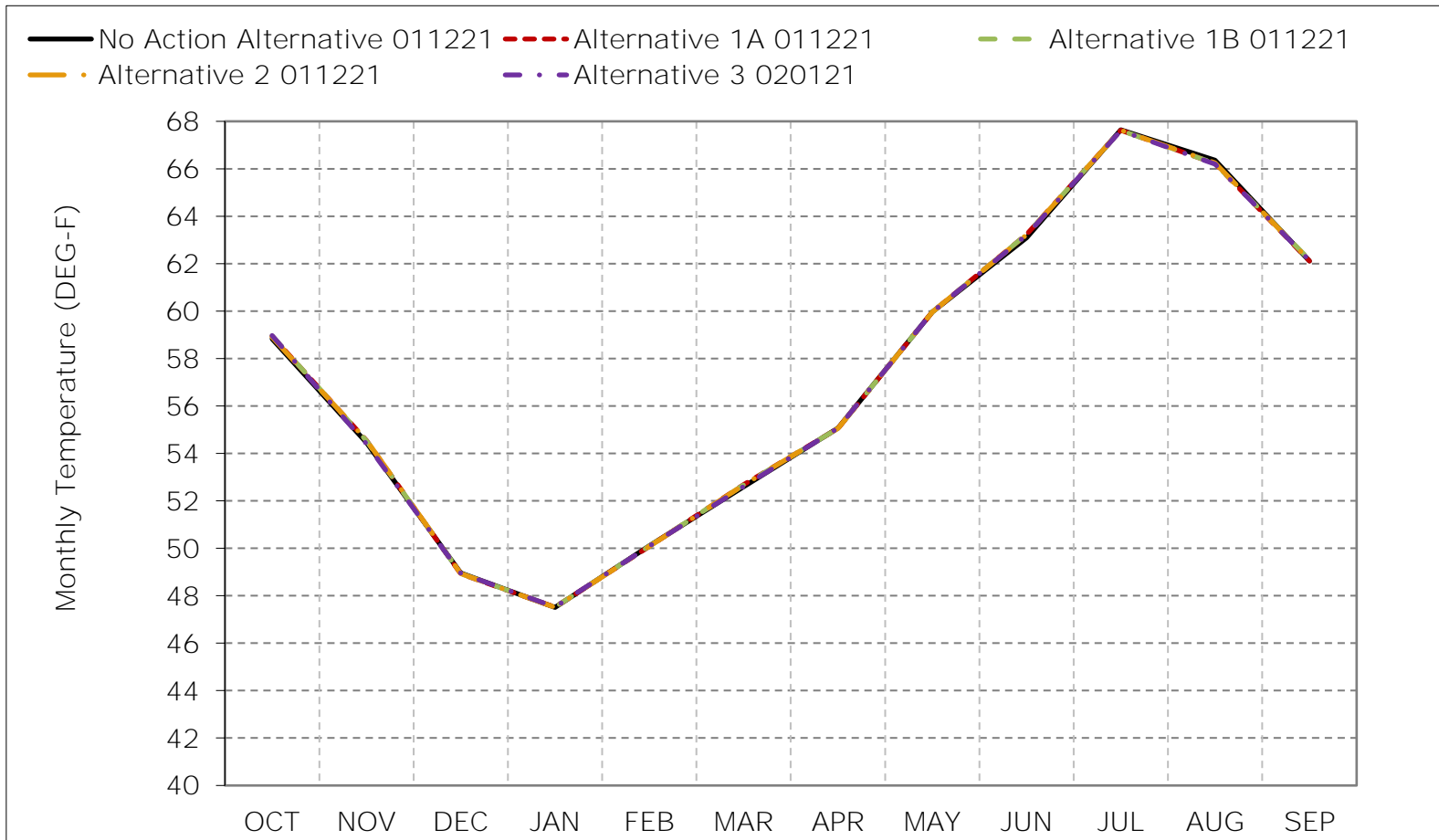


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-17-6. Feather River at Robinson Riffle, Critical Year Average Temperature

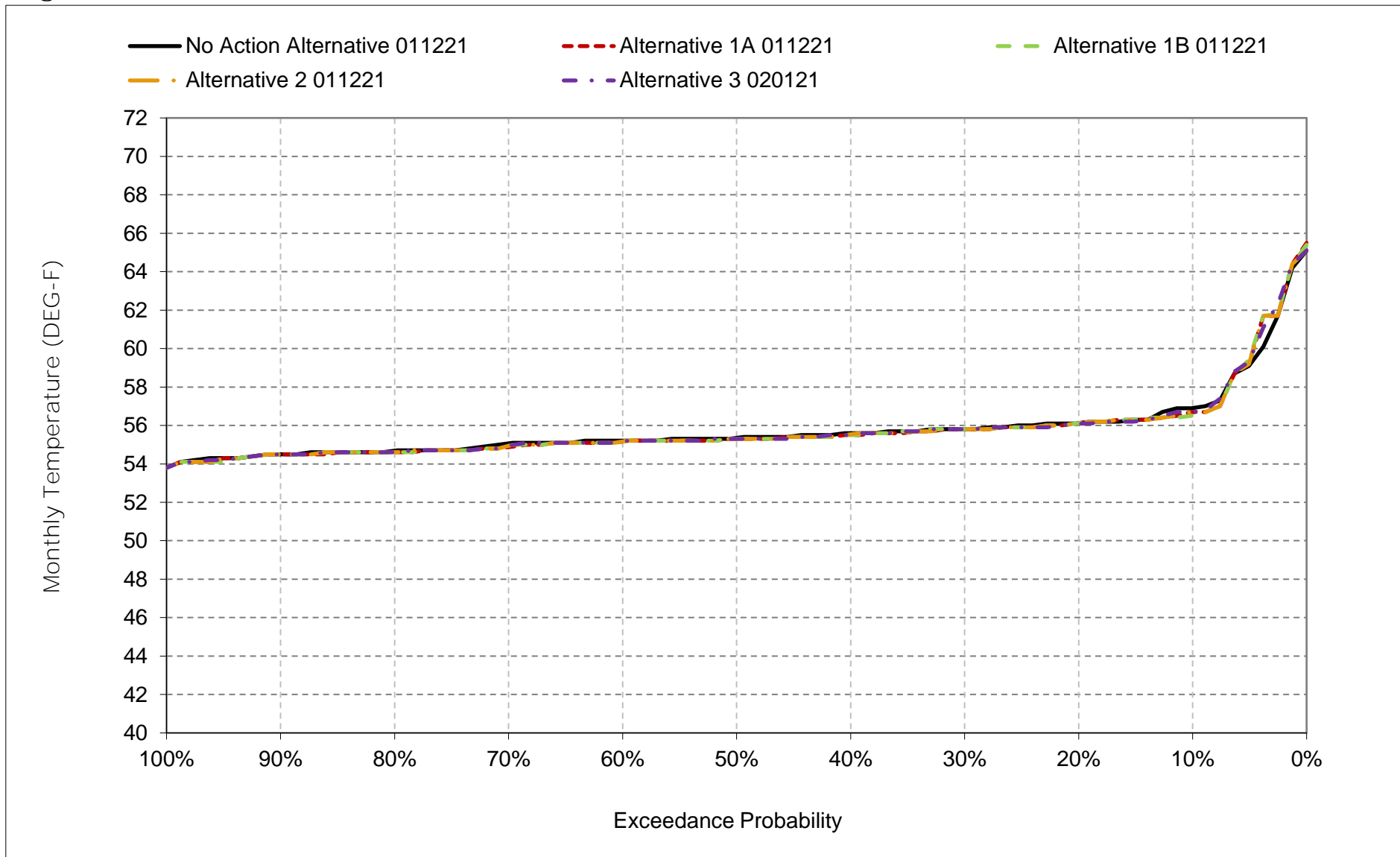


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

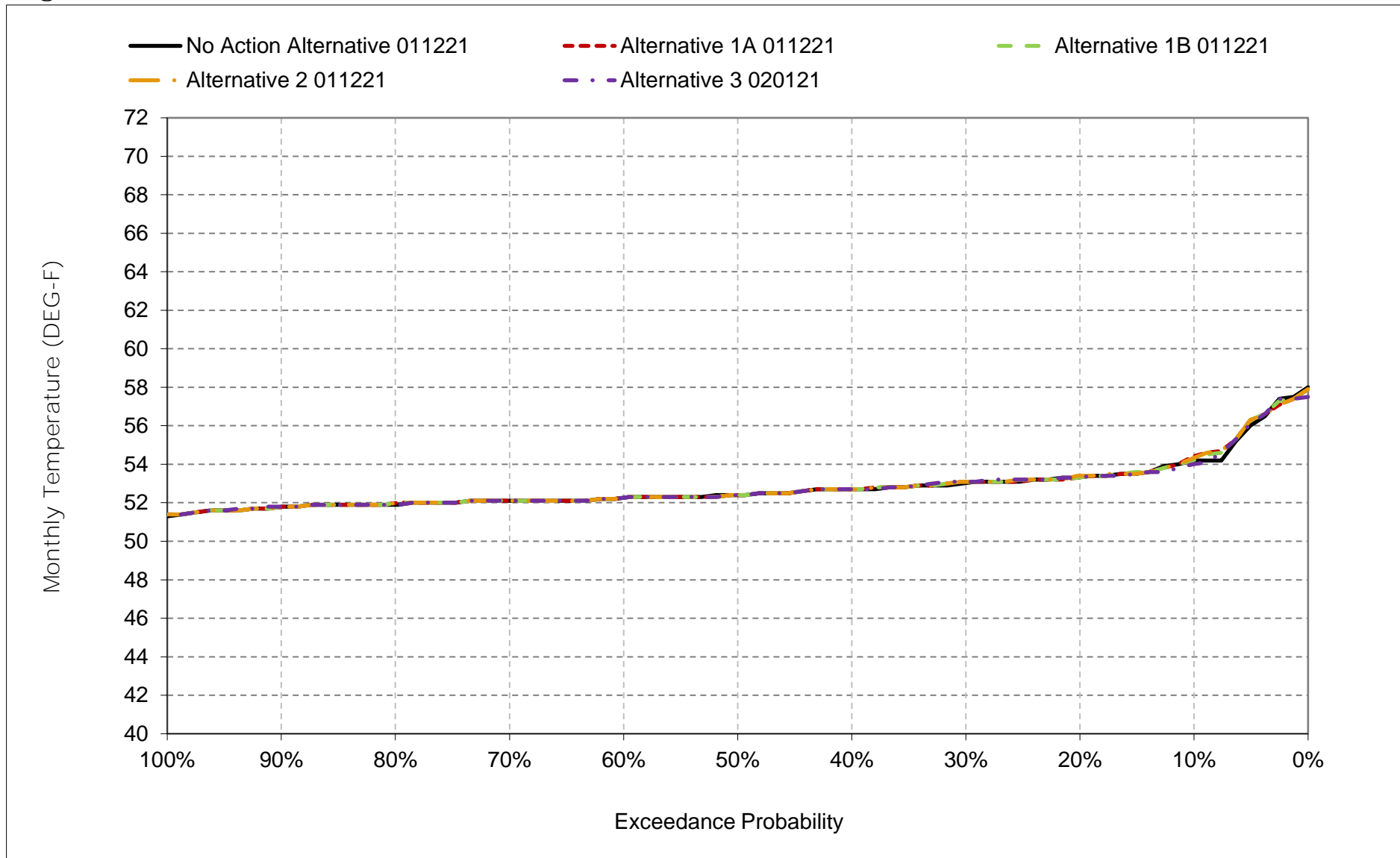
\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-17-7. Feather River at Robinson Riffle, October



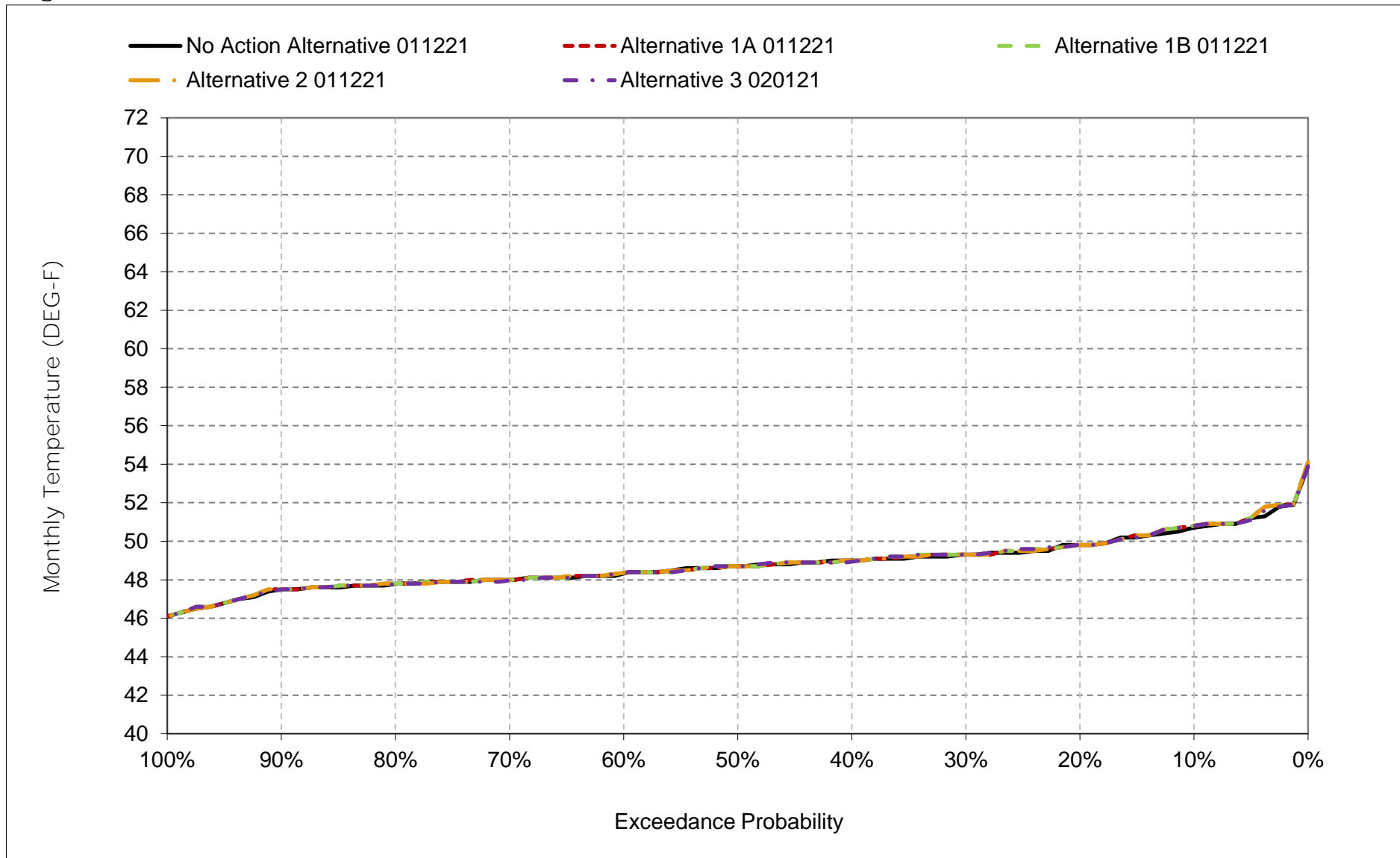
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-17-8. Feather River at Robinson Riffle, November



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

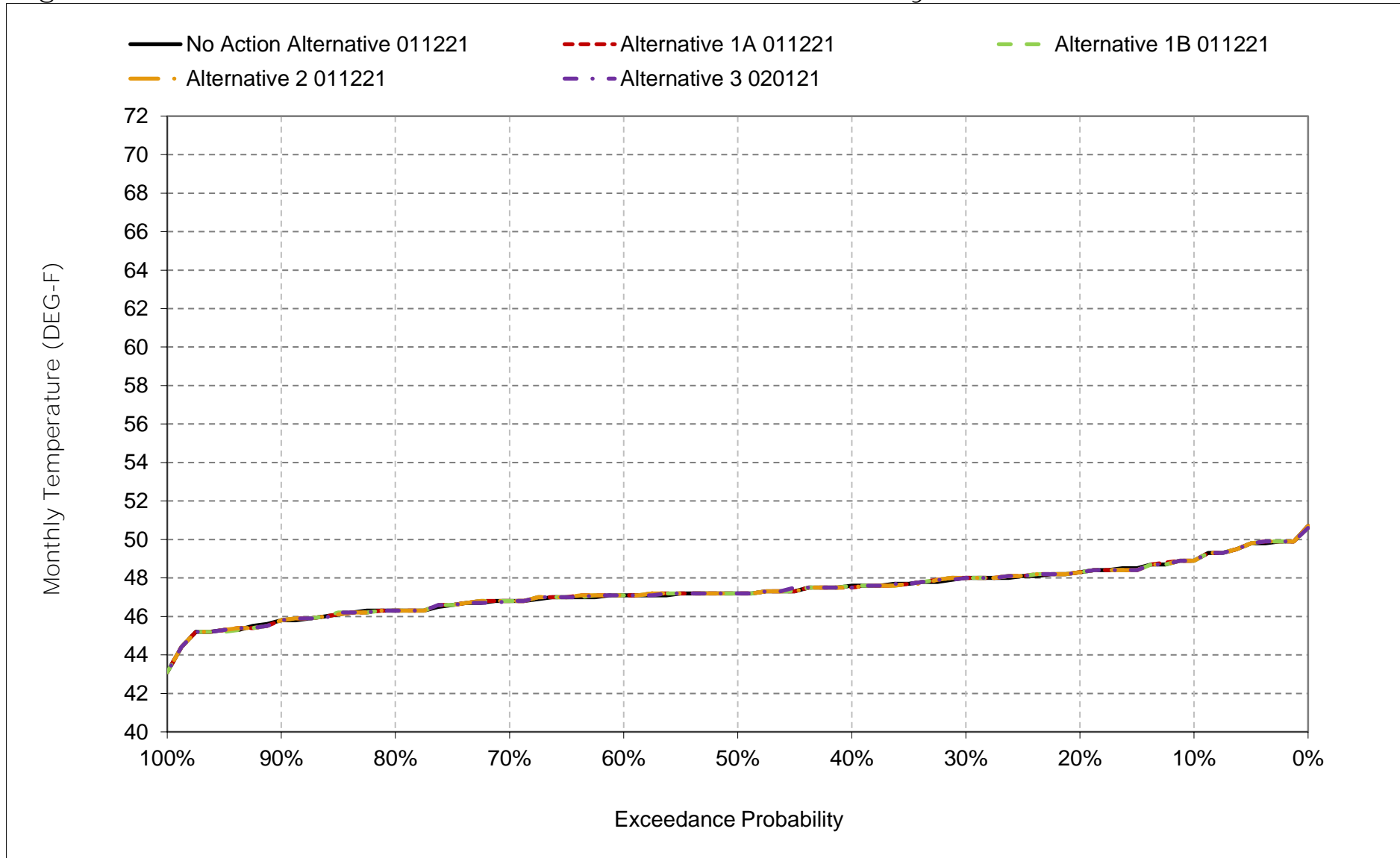
Figure 6C-17-9. Feather River at Robinson Riffle, December



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

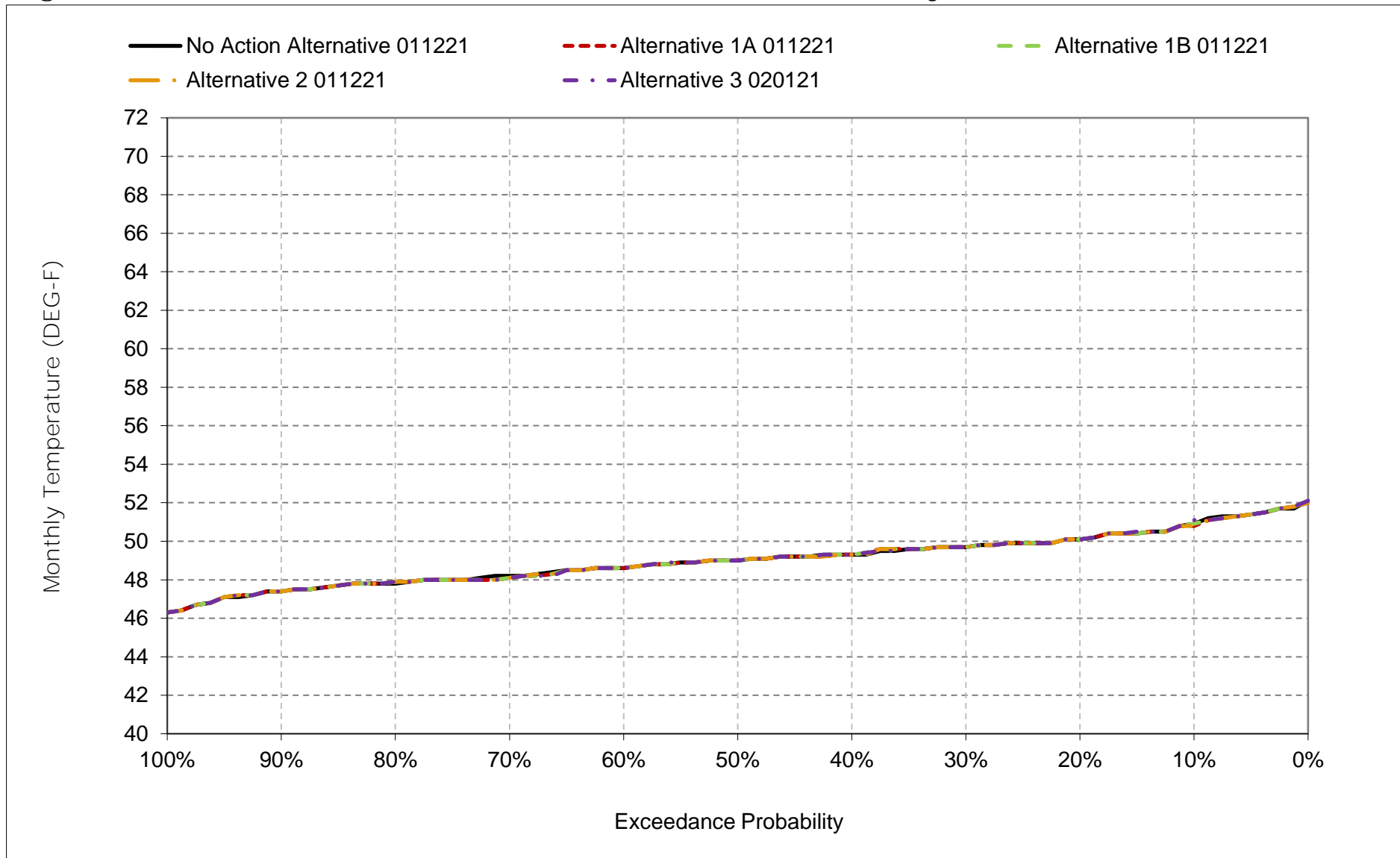


Figure 6C-17-10. Feather River at Robinson Riffle, January



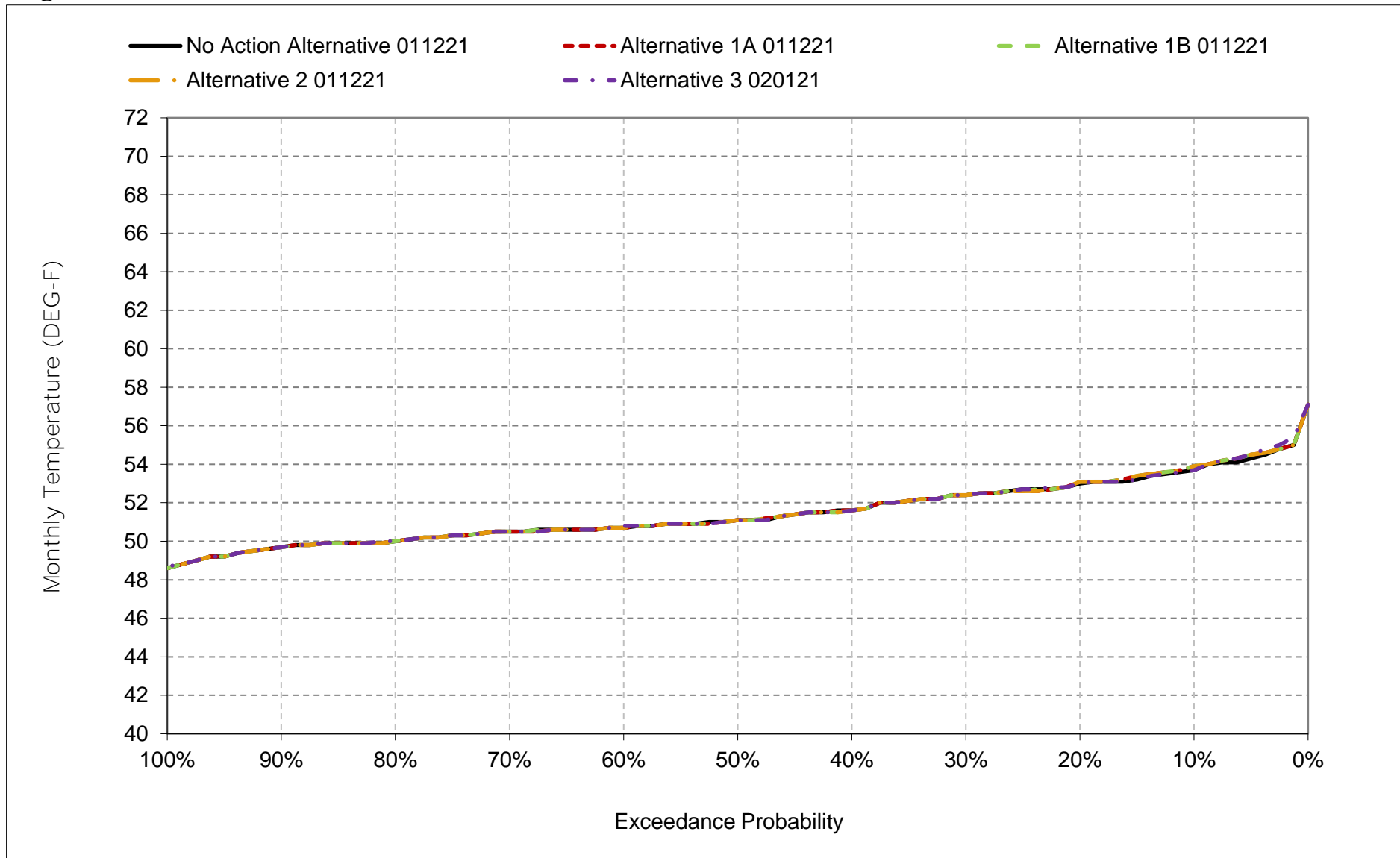
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-17-11. Feather River at Robinson Riffle, February



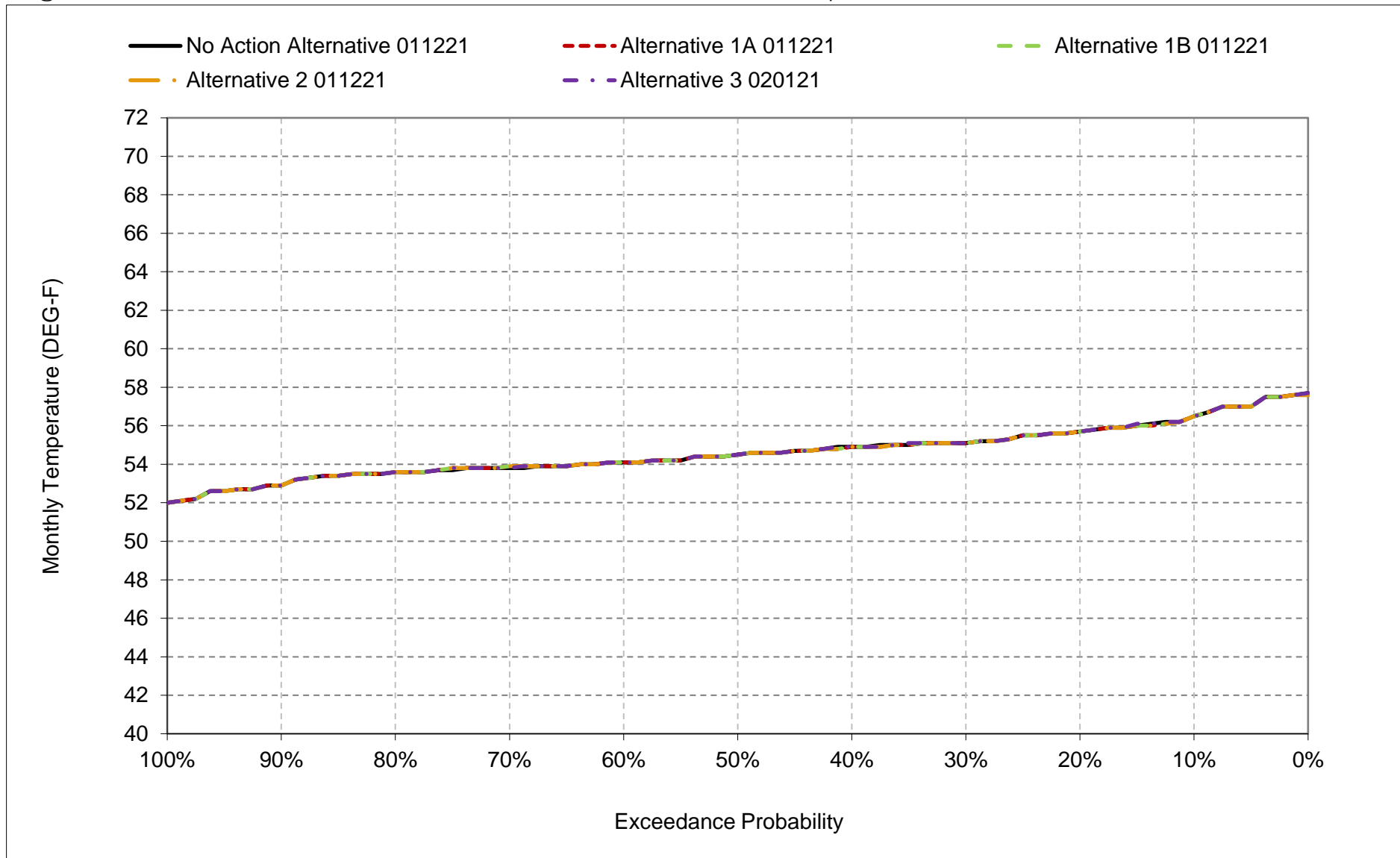
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-17-12. Feather River at Robinson Riffle, March



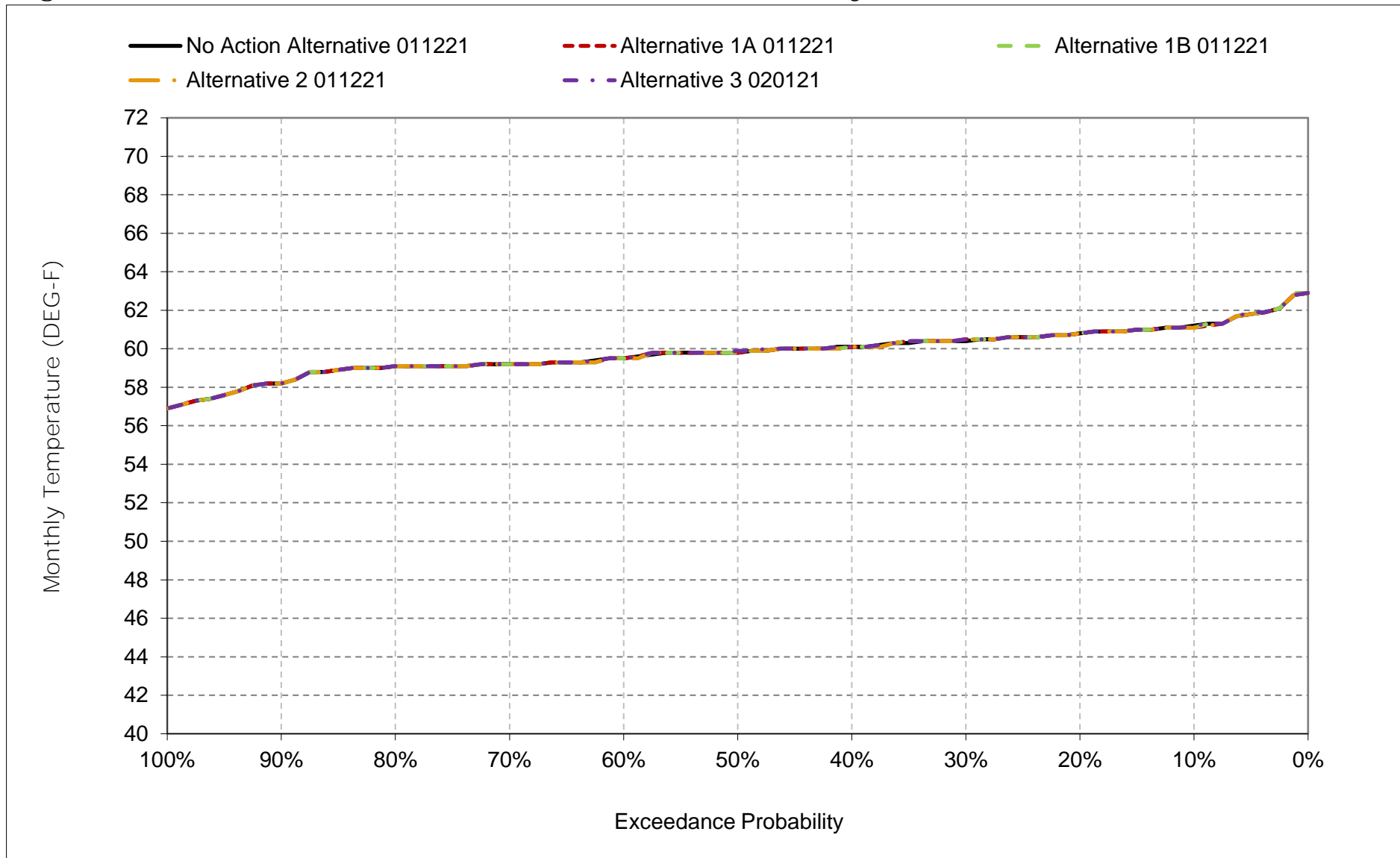
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-17-13. Feather River at Robinson Riffle, April



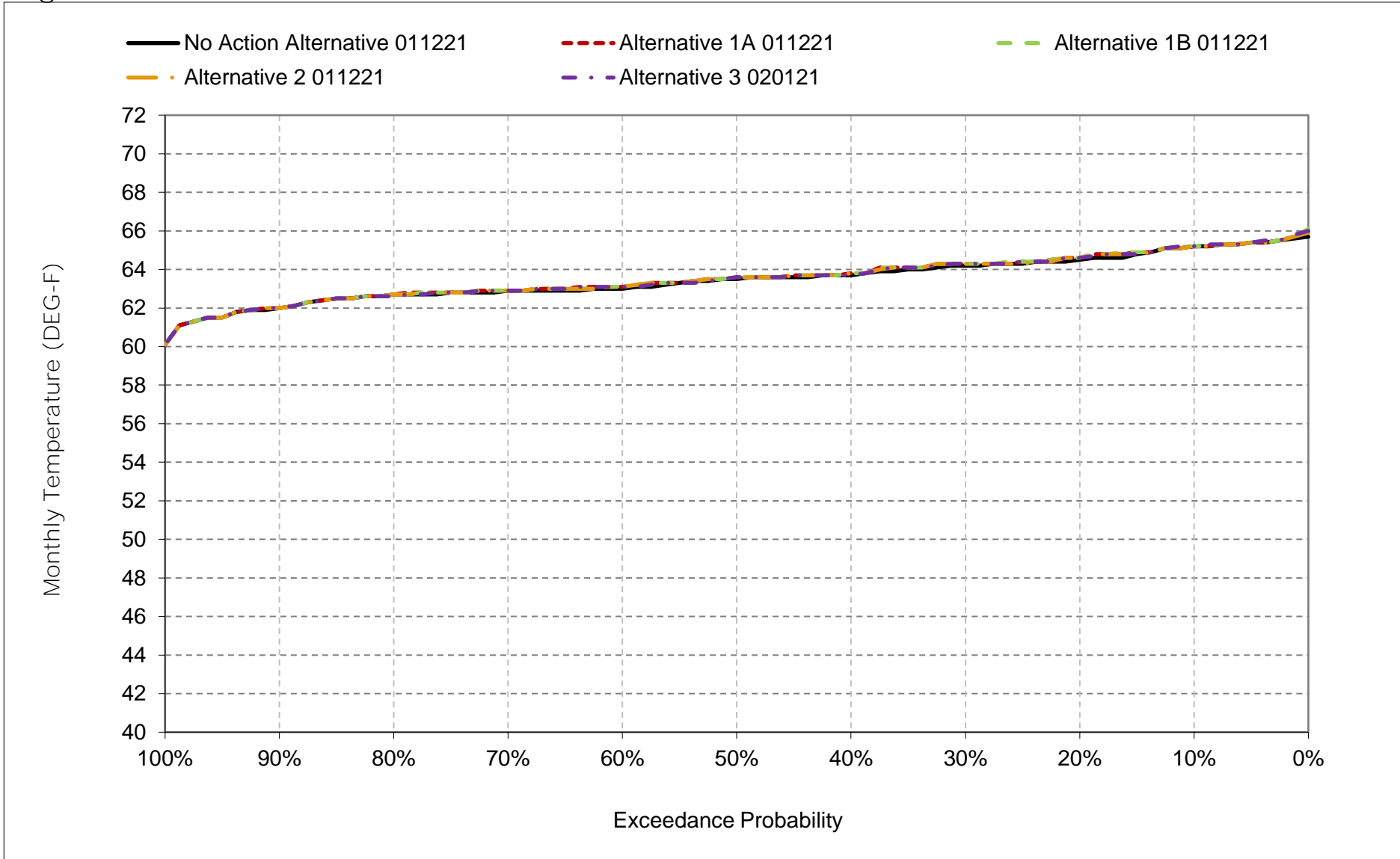
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-17-14. Feather River at Robinson Riffle, May



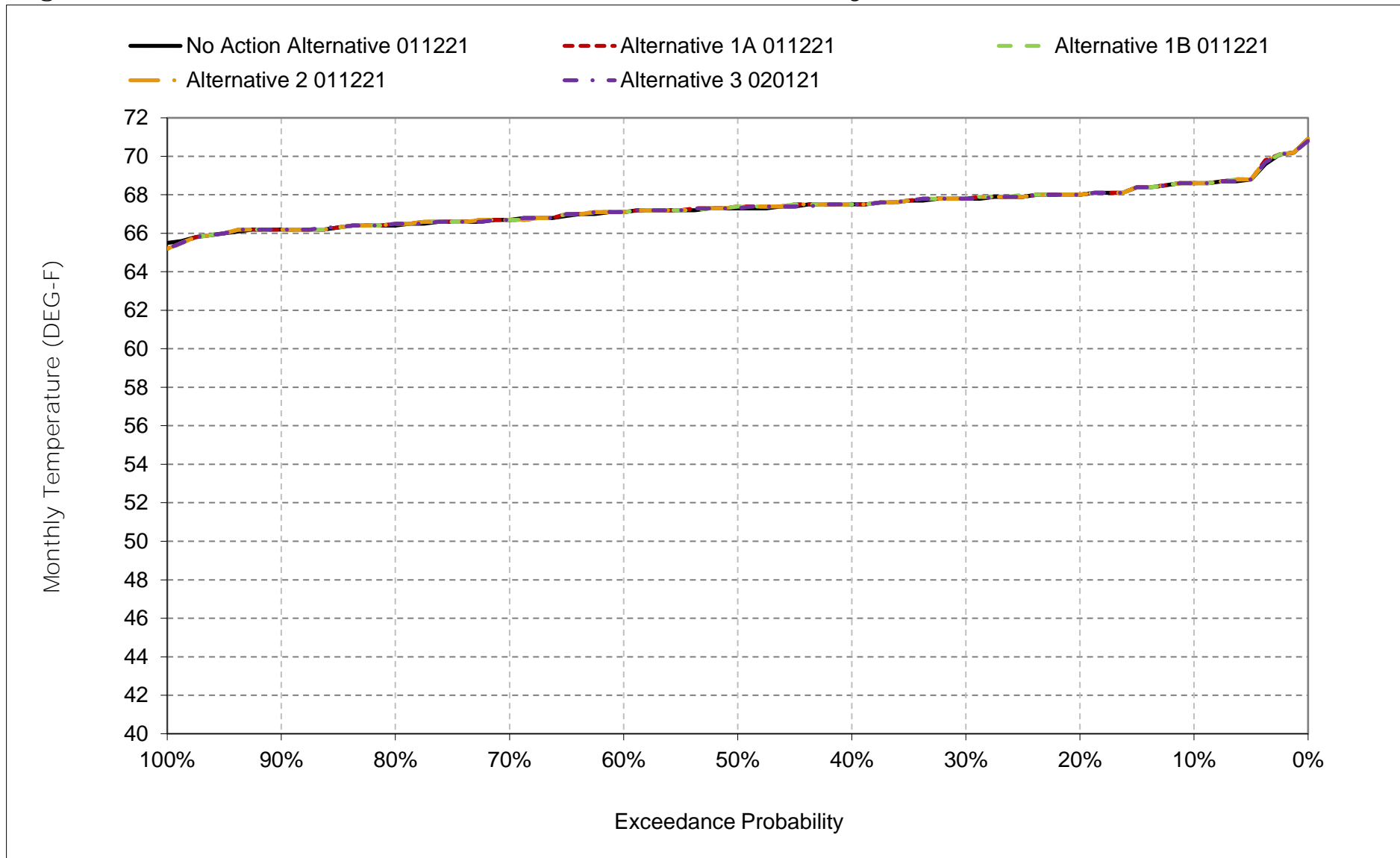
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-17-15. Feather River at Robinson Riffle, June



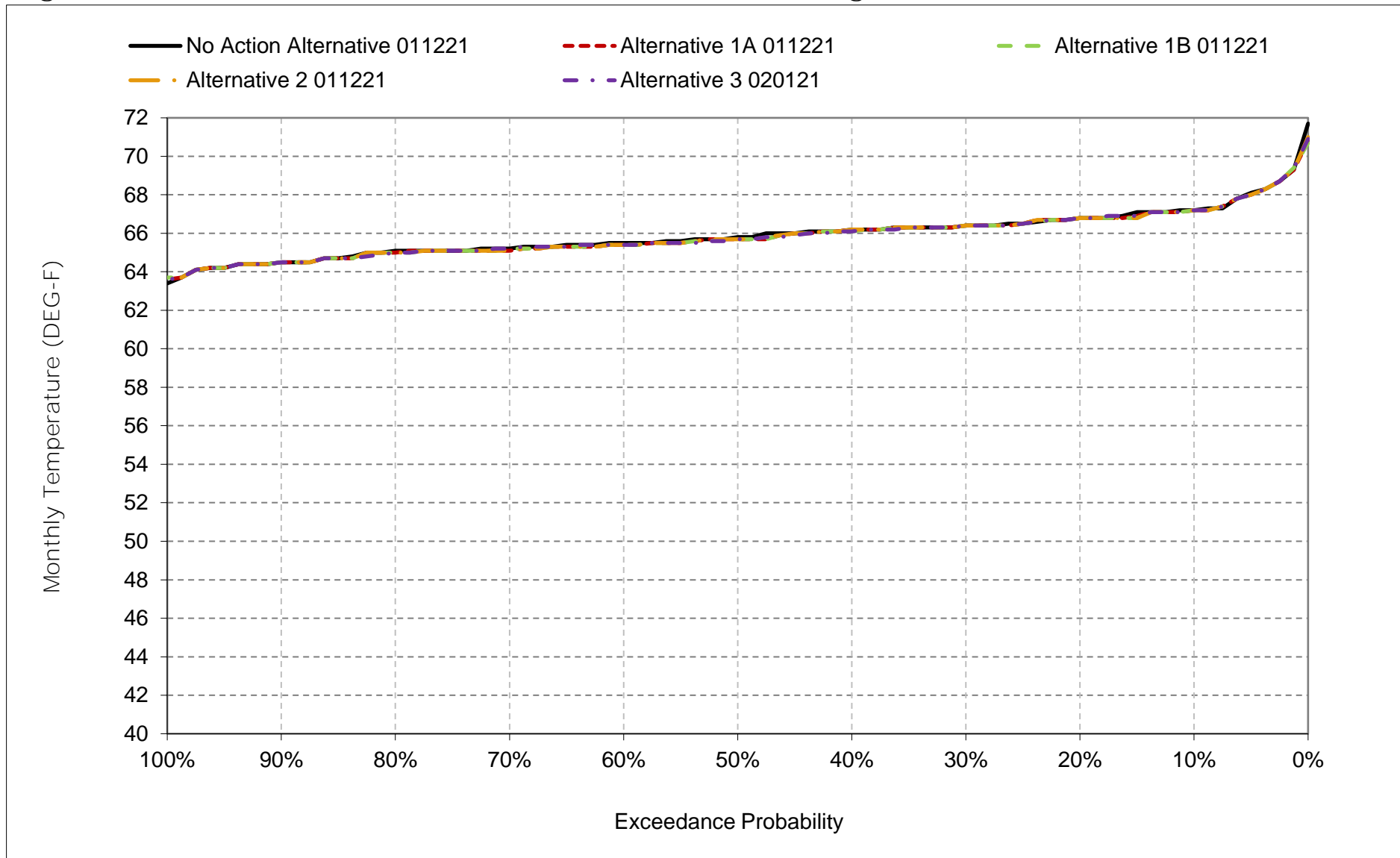
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-17-16. Feather River at Robinson Riffle, July



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

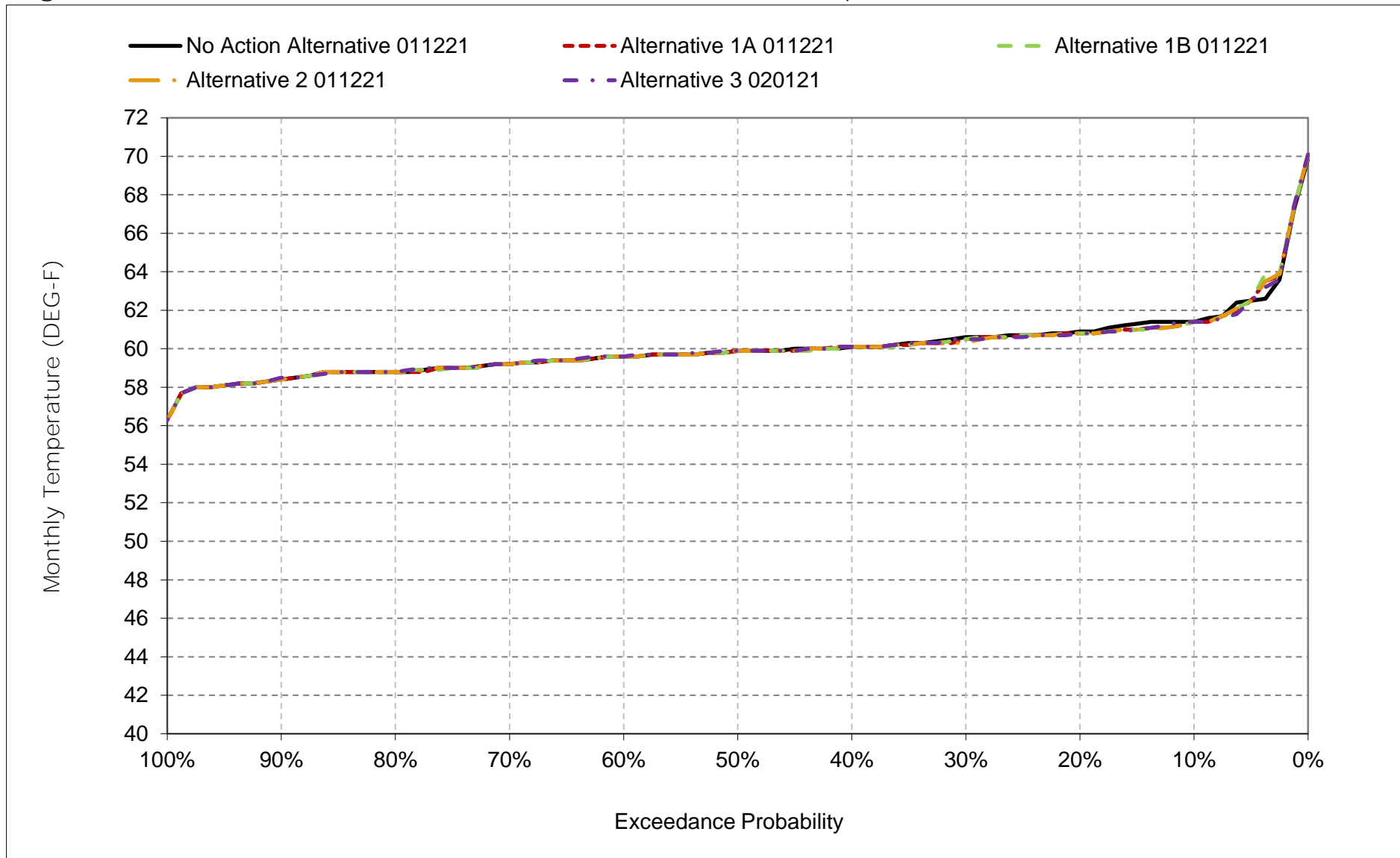
Figure 6C-17-17. Feather River at Robinson Riffle, August



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.



Figure 6C-17-18. Feather River at Robinson Riffle, September



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-18-1a. Feather River at Gridley Bridge, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	60.4	54.9	49.6	48.3	51.8	56.2	60.5	66.3	70.8	74.1	73.3	66.3
20%	59.5	54.2	49.0	47.9	51.5	55.0	59.2	65.1	69.7	72.3	71.8	65.9
30%	58.9	53.7	48.5	47.6	50.6	54.4	58.4	64.6	69.0	71.3	71.3	65.2
40%	58.7	53.1	48.1	47.2	50.2	54.0	58.1	64.1	68.6	70.4	70.5	64.3
50%	58.2	52.7	47.6	46.8	49.6	53.5	57.7	63.6	67.9	70.0	69.9	63.6
60%	57.9	52.3	46.9	46.1	49.1	52.8	57.3	63.1	67.4	69.4	69.1	62.9
70%	57.3	52.1	46.6	45.8	48.7	52.1	56.4	61.5	66.8	69.1	68.6	62.4
80%	57.0	51.7	46.4	45.2	48.4	51.2	55.8	60.7	66.2	68.5	67.7	61.7
90%	56.8	51.4	45.6	44.3	48.1	50.4	54.8	59.5	65.3	67.9	67.1	60.8
Long Term												
Full Simulation Period <sup>a</sup>	58.4	53.0	47.6	46.5	49.8	53.3	57.5	63.3	67.8	70.5	70.0	63.7
Water Year Types <sup>b,c</sup>												
Wet (32%)	57.8	52.9	47.7	47.1	49.2	51.5	55.6	61.4	66.5	71.0	70.2	62.7
Above Normal (15%)	57.7	51.9	47.1	46.6	49.7	53.1	58.1	64.0	68.9	69.1	67.6	61.6
Below Normal (17%)	58.9	53.0	47.1	46.1	49.7	54.2	58.7	64.1	68.5	69.1	68.1	65.0
Dry (22%)	58.2	53.2	48.0	45.8	50.1	54.7	58.5	64.1	68.2	70.0	71.4	64.3
Critical (15%)	60.4	54.1	47.6	46.5	51.1	54.4	58.4	64.3	68.1	73.0	71.8	65.8

Table 6C-18-1b. Feather River at Gridley Bridge, Alternative 1A 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	60.5	55.0	49.7	48.3	51.8	56.2	60.5	66.3	71.0	74.1	73.1	66.9
20%	59.6	54.4	49.0	47.9	51.4	55.0	59.2	65.1	69.9	72.7	71.8	65.9
30%	59.0	53.7	48.5	47.6	50.6	54.5	58.5	64.5	69.3	71.2	71.4	65.1
40%	58.7	53.1	48.1	47.1	50.2	54.1	58.1	64.1	68.8	70.5	70.3	64.5
50%	58.5	52.7	47.8	46.8	49.6	53.5	57.7	63.6	67.9	70.1	69.8	63.8
60%	57.9	52.3	47.0	46.2	49.1	52.8	57.3	63.1	67.6	69.6	69.1	62.9
70%	57.4	52.1	46.7	45.7	48.7	52.1	56.4	61.5	67.1	69.3	68.6	62.4
80%	57.1	51.7	46.4	45.1	48.4	51.2	55.8	60.7	66.3	68.6	67.7	61.8
90%	56.8	51.4	45.6	44.3	48.1	50.4	54.8	59.5	65.3	67.9	66.9	60.8
Long Term												
Full Simulation Period <sup>a</sup>	58.5	53.0	47.6	46.5	49.8	53.3	57.5	63.2	68.0	70.6	70.0	63.9
Water Year Types <sup>b,c</sup>												
Wet (32%)	57.8	52.9	47.7	47.1	49.1	51.5	55.6	61.4	66.5	71.0	70.2	62.7
Above Normal (15%)	57.8	51.9	47.1	46.6	49.7	53.1	58.1	64.0	68.8	69.1	67.6	61.6
Below Normal (17%)	58.9	53.0	47.2	46.1	49.7	54.2	58.7	64.1	68.7	69.3	68.1	65.0
Dry (22%)	58.4	53.2	48.1	45.8	50.1	54.7	58.6	64.0	68.8	70.3	71.4	64.4
Critical (15%)	60.7	54.2	47.5	46.5	51.1	54.4	58.4	64.3	68.5	73.1	71.6	66.2

Table 6C-18-1c. Feather River at Gridley Bridge, Alternative 1A 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-0.2	0.6
20%	0.1	0.2	0.0	0.0	-0.1	0.0	0.0	0.0	0.2	0.4	0.0	0.0
30%	0.1	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	0.3	-0.1	0.1	-0.1
40%	0.0	0.0	0.0	-0.1	0.0	0.1	0.0	0.0	0.2	0.1	-0.2	0.2
50%	0.3	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.2
60%	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0
70%	0.1	0.0	0.1	-0.1	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.0
80%	0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Below Normal (17%)	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.1
Dry (22%)	0.2	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	0.6	0.4	0.0	0.2
Critical (15%)	0.3	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.4	0.1	-0.1	0.4

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-18-2a. Feather River at Gridley Bridge, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	60.4	54.9	49.6	48.3	51.8	56.2	60.5	66.3	70.8	74.1	73.3	66.3
20%	59.5	54.2	49.0	47.9	51.5	55.0	59.2	65.1	69.7	72.3	71.8	65.9
30%	58.9	53.7	48.5	47.6	50.6	54.4	58.4	64.6	69.0	71.3	71.3	65.2
40%	58.7	53.1	48.1	47.2	50.2	54.0	58.1	64.1	68.6	70.4	70.5	64.3
50%	58.2	52.7	47.6	46.8	49.6	53.5	57.7	63.6	67.9	70.0	69.9	63.6
60%	57.9	52.3	46.9	46.1	49.1	52.8	57.3	63.1	67.4	69.4	69.1	62.9
70%	57.3	52.1	46.6	45.8	48.7	52.1	56.4	61.5	66.8	69.1	68.6	62.4
80%	57.0	51.7	46.4	45.2	48.4	51.2	55.8	60.7	66.2	68.5	67.7	61.7
90%	56.8	51.4	45.6	44.3	48.1	50.4	54.8	59.5	65.3	67.9	67.1	60.8
Long Term												
Full Simulation Period <sup>a</sup>	58.4	53.0	47.6	46.5	49.8	53.3	57.5	63.3	67.8	70.5	70.0	63.7
Water Year Types <sup>b,c</sup>												
Wet (32%)	57.8	52.9	47.7	47.1	49.2	51.5	55.6	61.4	66.5	71.0	70.2	62.7
Above Normal (15%)	57.7	51.9	47.1	46.6	49.7	53.1	58.1	64.0	68.9	69.1	67.6	61.6
Below Normal (17%)	58.9	53.0	47.1	46.1	49.7	54.2	58.7	64.1	68.5	69.1	68.1	65.0
Dry (22%)	58.2	53.2	48.0	45.8	50.1	54.7	58.5	64.1	68.2	70.0	71.4	64.3
Critical (15%)	60.4	54.1	47.6	46.5	51.1	54.4	58.4	64.3	68.1	73.0	71.8	65.8

Table 6C-18-2b. Feather River at Gridley Bridge, Alternative 1B 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	60.5	54.9	49.7	48.3	51.8	56.2	60.5	66.3	71.0	74.1	73.1	67.0
20%	59.6	54.4	49.0	47.9	51.4	55.0	59.2	65.1	70.3	72.7	71.8	65.9
30%	59.0	53.7	48.6	47.6	50.6	54.5	58.5	64.5	69.3	71.2	71.4	65.2
40%	58.7	53.1	48.1	47.1	50.2	54.1	58.1	64.1	68.8	70.5	70.4	64.5
50%	58.3	52.7	47.7	46.8	49.6	53.5	57.7	63.6	67.9	70.1	69.9	63.9
60%	57.9	52.3	47.0	46.2	49.1	52.8	57.3	63.1	67.6	69.5	69.1	62.9
70%	57.4	52.1	46.7	45.7	48.7	52.1	56.4	61.7	67.1	69.3	68.6	62.4
80%	57.1	51.7	46.4	44.9	48.4	51.2	55.8	60.7	66.3	68.6	67.7	61.8
90%	56.8	51.4	45.6	44.3	48.1	50.4	54.8	59.5	65.3	67.9	66.9	60.8
Long Term												
Full Simulation Period <sup>a</sup>	58.5	53.0	47.6	46.5	49.8	53.3	57.5	63.3	68.0	70.6	70.0	63.9
Water Year Types <sup>b,c</sup>												
Wet (32%)	57.8	52.9	47.7	47.1	49.1	51.4	55.6	61.4	66.5	71.0	70.2	62.7
Above Normal (15%)	57.8	51.9	47.1	46.6	49.7	53.1	58.1	64.0	68.9	69.1	67.6	61.6
Below Normal (17%)	58.9	53.0	47.2	46.1	49.7	54.2	58.7	64.1	68.7	69.3	68.1	65.0
Dry (22%)	58.4	53.2	48.1	45.8	50.1	54.7	58.5	64.0	68.9	70.2	71.4	64.4
Critical (15%)	60.7	54.2	47.6	46.5	51.1	54.4	58.4	64.3	68.5	73.0	71.7	66.2

Table 6C-18-2c. Feather River at Gridley Bridge, Alternative 1B 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-0.2	0.7
20%	0.1	0.2	0.0	0.0	-0.1	0.0	0.0	0.0	0.6	0.4	0.0	0.0
30%	0.1	0.0	0.1	0.0	0.0	0.1	0.1	-0.1	0.3	-0.1	0.1	0.0
40%	0.0	0.0	0.0	-0.1	0.0	0.1	0.0	0.0	0.2	0.1	-0.1	0.2
50%	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.3
60%	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0
70%	0.1	0.0	0.1	-0.1	0.0	0.0	0.0	0.2	0.3	0.2	0.0	0.0
80%	0.1	0.0	0.0	-0.3	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Below Normal (17%)	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0
Dry (22%)	0.2	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	0.7	0.3	0.0	0.1
Critical (15%)	0.3	0.1	0.0	0.0	0.0	0.1	-0.1	0.0	0.4	0.1	-0.1	0.4

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-18-3a. Feather River at Gridley Bridge, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	60.4	54.9	49.6	48.3	51.8	56.2	60.5	66.3	70.8	74.1	73.3	66.3
20%	59.5	54.2	49.0	47.9	51.5	55.0	59.2	65.1	69.7	72.3	71.8	65.9
30%	58.9	53.7	48.5	47.6	50.6	54.4	58.4	64.6	69.0	71.3	71.3	65.2
40%	58.7	53.1	48.1	47.2	50.2	54.0	58.1	64.1	68.6	70.4	70.5	64.3
50%	58.2	52.7	47.6	46.8	49.6	53.5	57.7	63.6	67.9	70.0	69.9	63.6
60%	57.9	52.3	46.9	46.1	49.1	52.8	57.3	63.1	67.4	69.4	69.1	62.9
70%	57.3	52.1	46.6	45.8	48.7	52.1	56.4	61.5	66.8	69.1	68.6	62.4
80%	57.0	51.7	46.4	45.2	48.4	51.2	55.8	60.7	66.2	68.5	67.7	61.7
90%	56.8	51.4	45.6	44.3	48.1	50.4	54.8	59.5	65.3	67.9	67.1	60.8
Long Term												
Full Simulation Period <sup>a</sup>	58.4	53.0	47.6	46.5	49.8	53.3	57.5	63.3	67.8	70.5	70.0	63.7
Water Year Types <sup>b,c</sup>												
Wet (32%)	57.8	52.9	47.7	47.1	49.2	51.5	55.6	61.4	66.5	71.0	70.2	62.7
Above Normal (15%)	57.7	51.9	47.1	46.6	49.7	53.1	58.1	64.0	68.9	69.1	67.6	61.6
Below Normal (17%)	58.9	53.0	47.1	46.1	49.7	54.2	58.7	64.1	68.5	69.1	68.1	65.0
Dry (22%)	58.2	53.2	48.0	45.8	50.1	54.7	58.5	64.1	68.2	70.0	71.4	64.3
Critical (15%)	60.4	54.1	47.6	46.5	51.1	54.4	58.4	64.3	68.1	73.0	71.8	65.8

Table 6C-18-3b. Feather River at Gridley Bridge, Alternative 2 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	60.5	54.9	49.7	48.3	51.8	56.2	60.5	66.3	71.0	74.1	73.1	66.9
20%	59.6	54.4	49.0	47.9	51.4	55.0	59.2	65.1	69.9	72.7	71.8	65.9
30%	59.0	53.7	48.5	47.6	50.6	54.5	58.5	64.5	69.3	71.2	71.3	65.2
40%	58.7	53.1	48.1	47.1	50.2	54.1	58.1	64.1	68.8	70.5	70.3	64.5
50%	58.3	52.7	47.8	46.8	49.6	53.5	57.7	63.6	67.9	70.1	69.8	63.8
60%	57.9	52.3	47.0	46.2	49.1	52.8	57.3	63.1	67.6	69.6	69.1	62.9
70%	57.4	52.1	46.7	45.7	48.7	52.1	56.4	61.5	67.1	69.3	68.6	62.4
80%	57.0	51.7	46.4	45.1	48.4	51.2	55.8	60.7	66.3	68.6	67.7	61.8
90%	56.7	51.4	45.6	44.3	48.1	50.4	54.8	59.5	65.3	67.9	66.9	60.8
Long Term												
Full Simulation Period <sup>a</sup>	58.5	53.0	47.6	46.5	49.8	53.3	57.5	63.2	68.0	70.6	70.0	63.9
Water Year Types <sup>b,c</sup>												
Wet (32%)	57.8	52.9	47.7	47.1	49.1	51.5	55.6	61.4	66.5	71.0	70.2	62.7
Above Normal (15%)	57.8	51.9	47.1	46.6	49.7	53.1	58.1	64.0	68.8	69.1	67.6	61.6
Below Normal (17%)	58.9	53.0	47.2	46.1	49.7	54.2	58.7	64.1	68.7	69.3	68.1	65.0
Dry (22%)	58.3	53.2	48.1	45.8	50.1	54.7	58.6	64.0	68.8	70.3	71.4	64.5
Critical (15%)	60.6	54.2	47.5	46.5	51.1	54.4	58.4	64.3	68.4	73.1	71.6	66.2

Table 6C-18-3c. Feather River at Gridley Bridge, Alternative 2 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-0.2	0.6
20%	0.1	0.2	0.0	0.0	-0.1	0.0	0.0	0.0	0.2	0.4	0.0	0.0
30%	0.1	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	0.3	-0.1	0.0	0.0
40%	0.0	0.0	0.0	-0.1	0.0	0.1	0.0	0.0	0.2	0.1	-0.2	0.2
50%	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.2
60%	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0
70%	0.1	0.0	0.1	-0.1	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.0
80%	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1
90%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0
Long Term												
Full Simulation Period <sup>a</sup>	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Below Normal (17%)	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.1
Dry (22%)	0.2	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	0.6	0.3	0.0	0.2
Critical (15%)	0.3	0.1	0.0	0.0	0.0	0.1	-0.1	0.0	0.4	0.1	-0.1	0.4

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-18-4a. Feather River at Gridley Bridge, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	60.4	54.9	49.6	48.3	51.8	56.2	60.5	66.3	70.8	74.1	73.3	66.3
20%	59.5	54.2	49.0	47.9	51.5	55.0	59.2	65.1	69.7	72.3	71.8	65.9
30%	58.9	53.7	48.5	47.6	50.6	54.4	58.4	64.6	69.0	71.3	71.3	65.2
40%	58.7	53.1	48.1	47.2	50.2	54.0	58.1	64.1	68.6	70.4	70.5	64.3
50%	58.2	52.7	47.6	46.8	49.6	53.5	57.7	63.6	67.9	70.0	69.9	63.6
60%	57.9	52.3	46.9	46.1	49.1	52.8	57.3	63.1	67.4	69.4	69.1	62.9
70%	57.3	52.1	46.6	45.8	48.7	52.1	56.4	61.5	66.8	69.1	68.6	62.4
80%	57.0	51.7	46.4	45.2	48.4	51.2	55.8	60.7	66.2	68.5	67.7	61.7
90%	56.8	51.4	45.6	44.3	48.1	50.4	54.8	59.5	65.3	67.9	67.1	60.8
Long Term												
Full Simulation Period <sup>a</sup>	58.4	53.0	47.6	46.5	49.8	53.3	57.5	63.3	67.8	70.5	70.0	63.7
Water Year Types <sup>b,c</sup>												
Wet (32%)	57.8	52.9	47.7	47.1	49.2	51.5	55.6	61.4	66.5	71.0	70.2	62.7
Above Normal (15%)	57.7	51.9	47.1	46.6	49.7	53.1	58.1	64.0	68.9	69.1	67.6	61.6
Below Normal (17%)	58.9	53.0	47.1	46.1	49.7	54.2	58.7	64.1	68.5	69.1	68.1	65.0
Dry (22%)	58.2	53.2	48.0	45.8	50.1	54.7	58.5	64.1	68.2	70.0	71.4	64.3
Critical (15%)	60.4	54.1	47.6	46.5	51.1	54.4	58.4	64.3	68.1	73.0	71.8	65.8

Table 6C-18-4b. Feather River at Gridley Bridge, Alternative 3 020121, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	60.3	54.9	49.7	48.3	51.8	56.2	60.5	66.3	71.0	74.0	73.1	66.8
20%	59.5	54.1	49.0	47.9	51.4	55.0	59.2	65.1	70.1	72.5	71.8	65.9
30%	59.1	53.7	48.6	47.6	50.6	54.4	58.4	64.6	69.3	71.2	71.4	65.2
40%	58.7	53.1	48.1	47.2	50.2	54.0	58.1	64.1	68.8	70.5	70.7	64.5
50%	58.4	52.7	47.8	46.8	49.6	53.5	57.7	63.6	68.1	70.1	69.8	63.8
60%	57.9	52.4	47.0	46.1	49.1	52.8	57.3	63.1	67.6	69.5	69.1	62.9
70%	57.4	52.2	46.6	45.7	48.7	52.1	56.4	61.7	66.8	69.2	68.6	62.6
80%	57.0	51.7	46.4	45.0	48.4	51.2	55.8	60.7	66.3	68.6	67.7	61.8
90%	56.7	51.4	45.6	44.3	48.1	50.4	54.8	59.5	65.3	67.9	67.0	60.9
Long Term												
Full Simulation Period <sup>a</sup>	58.5	53.0	47.6	46.5	49.8	53.3	57.5	63.3	68.0	70.5	70.0	63.9
Water Year Types <sup>b,c</sup>												
Wet (32%)	57.8	52.9	47.7	47.1	49.1	51.5	55.6	61.4	66.5	71.0	70.2	62.7
Above Normal (15%)	57.8	51.9	47.1	46.6	49.7	53.1	58.1	64.0	68.9	69.2	67.6	61.6
Below Normal (17%)	58.8	53.0	47.2	46.1	49.7	54.2	58.7	64.1	68.7	69.2	68.0	65.0
Dry (22%)	58.4	53.2	48.1	45.8	50.1	54.7	58.5	64.1	68.8	70.1	71.5	64.5
Critical (15%)	60.5	54.1	47.6	46.5	51.1	54.4	58.4	64.3	68.4	73.0	71.6	66.1

Table 6C-18-4c. Feather River at Gridley Bridge, Alternative 3 020121 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2	-0.1	-0.2	0.5
20%	0.0	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.4	0.2	0.0	0.0
30%	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.3	-0.1	0.1	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.2	0.2
50%	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.1	-0.1	0.2
60%	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0
70%	0.1	0.1	0.0	-0.1	0.0	0.0	0.0	0.2	0.0	0.1	0.0	0.2
80%	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1
90%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1
Long Term												
Full Simulation Period <sup>a</sup>	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
Below Normal (17%)	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.1	-0.1	0.0
Dry (22%)	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.5	0.2	0.0	0.2
Critical (15%)	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	-0.1	0.3

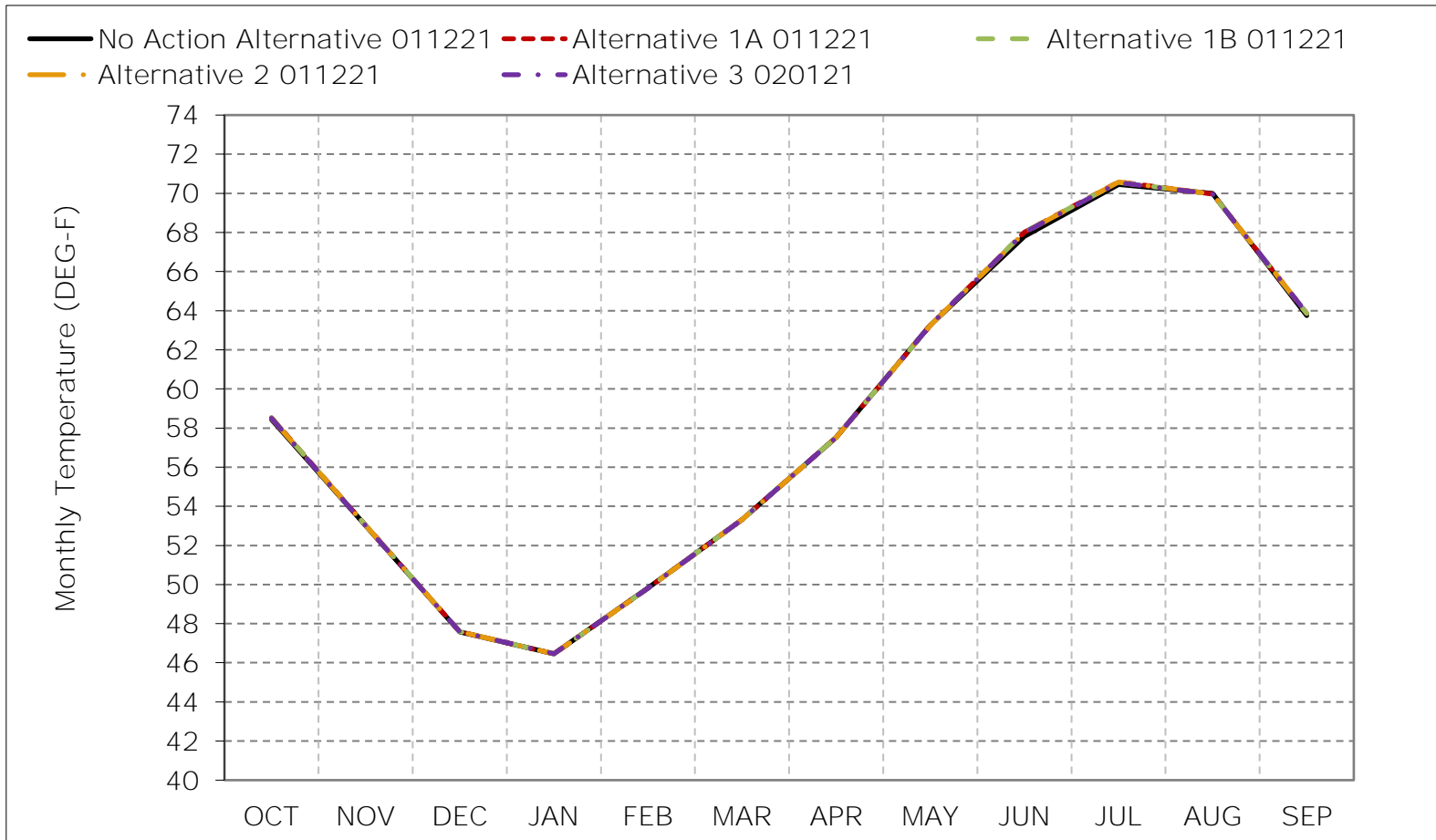
a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-18-1. Feather River at Gridley Bridge, Long-Term Average Temperature

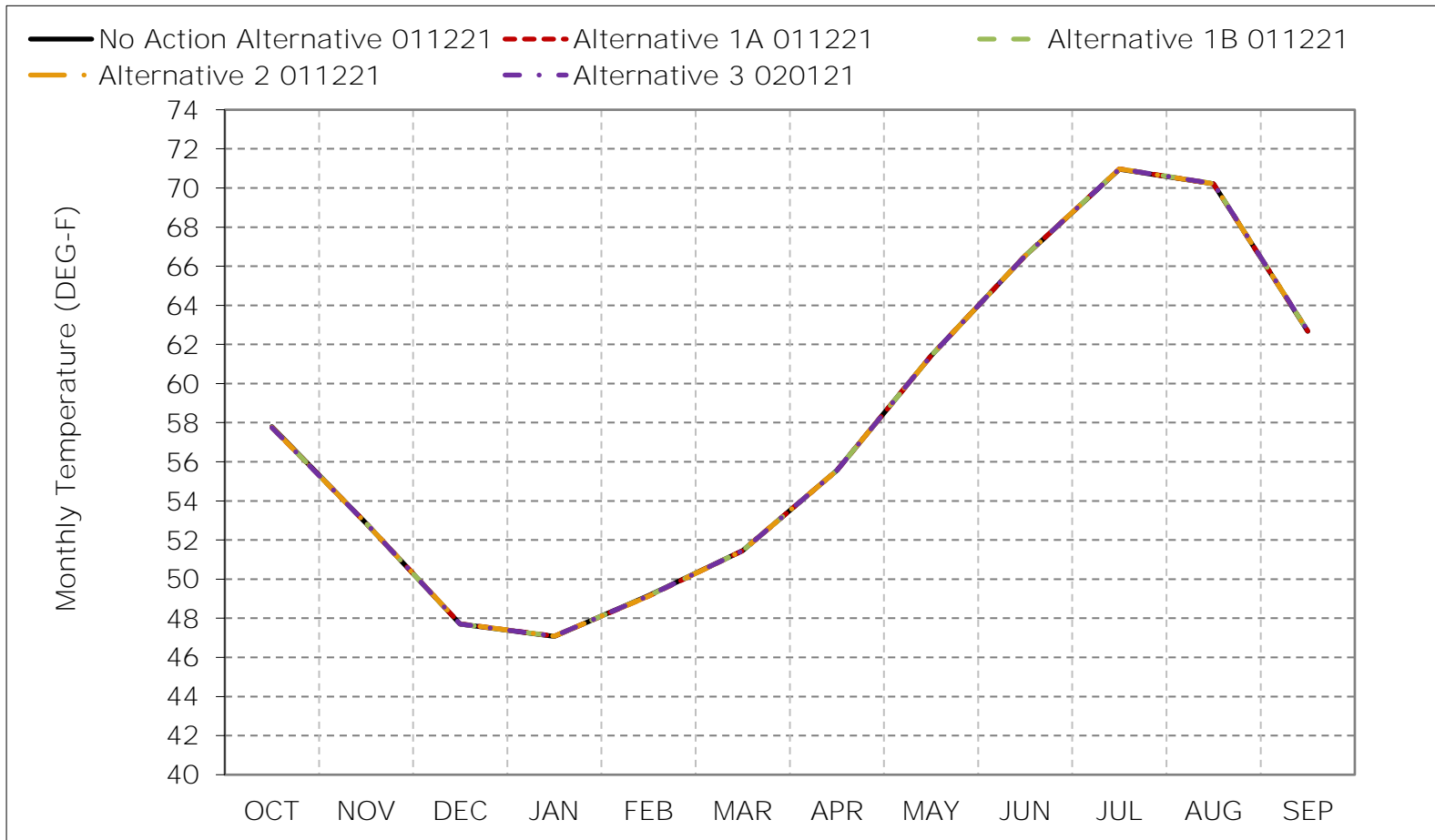


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-18-2. Feather River at Gridley Bridge, Wet Year Average Temperature

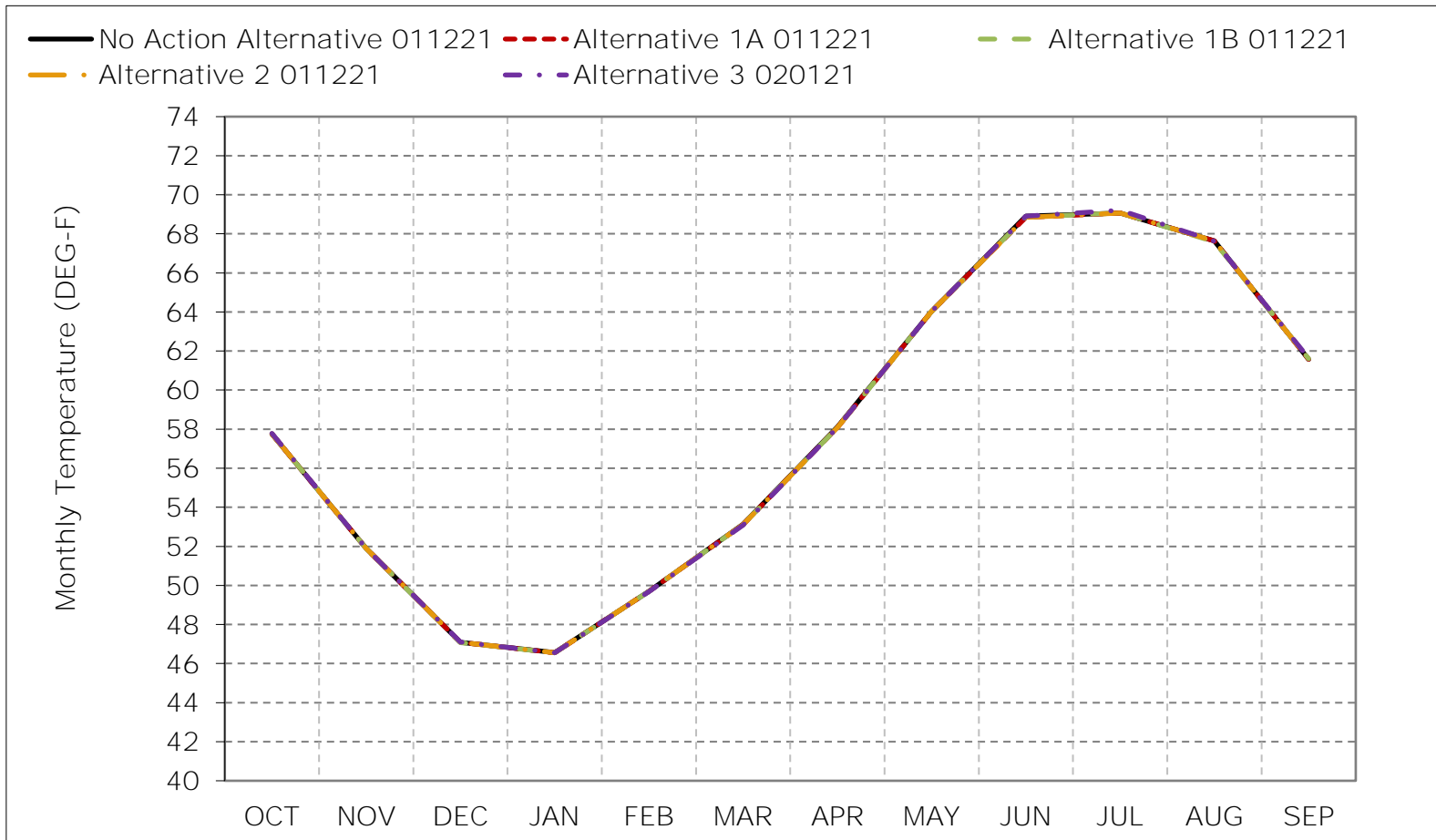


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-18-3. Feather River at Gridley Bridge, Above Normal Year Average Temperat



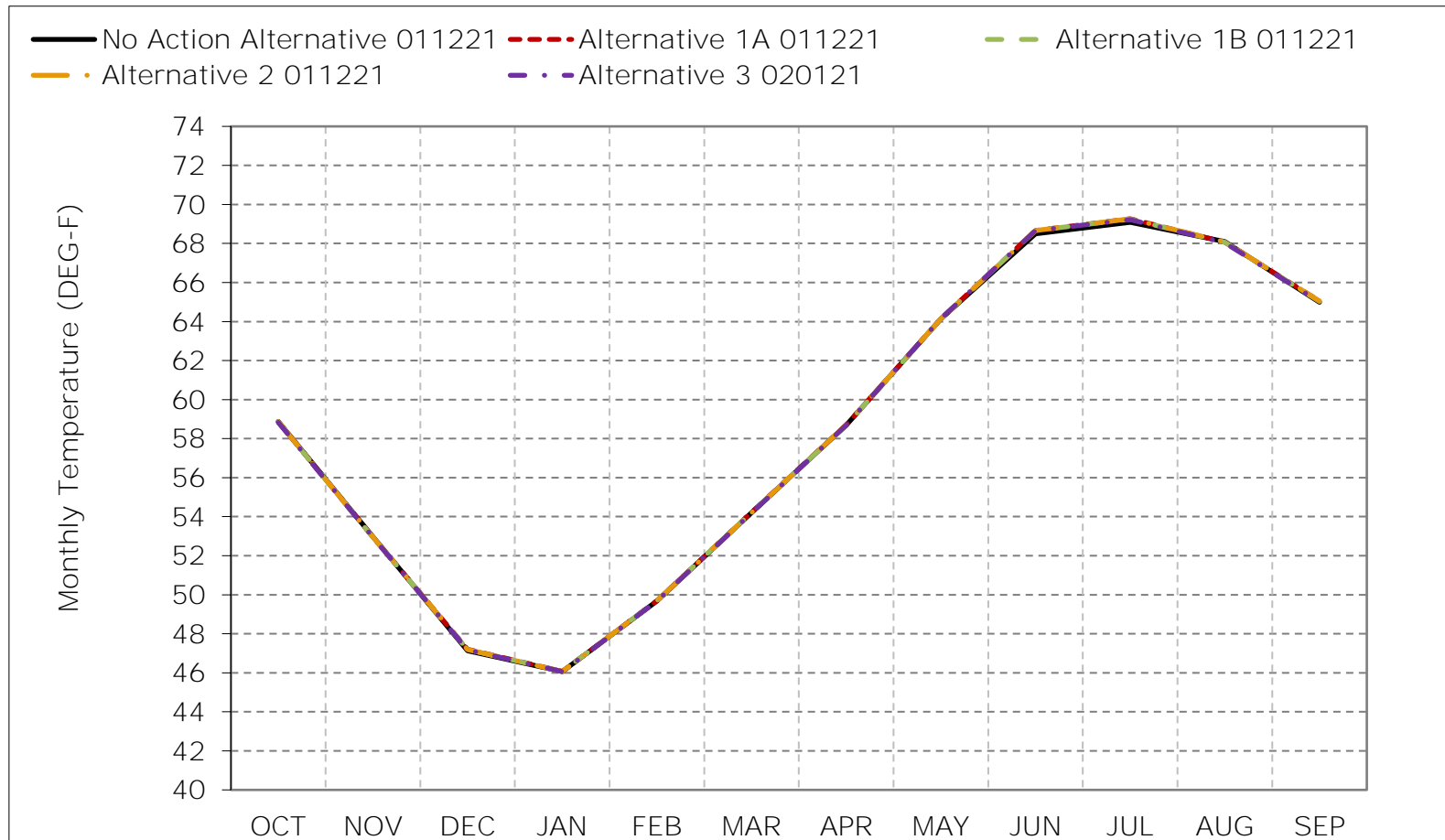
\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.



Figure 6C-18-4. Feather River at Gridley Bridge, Below Normal Year Average Temperat

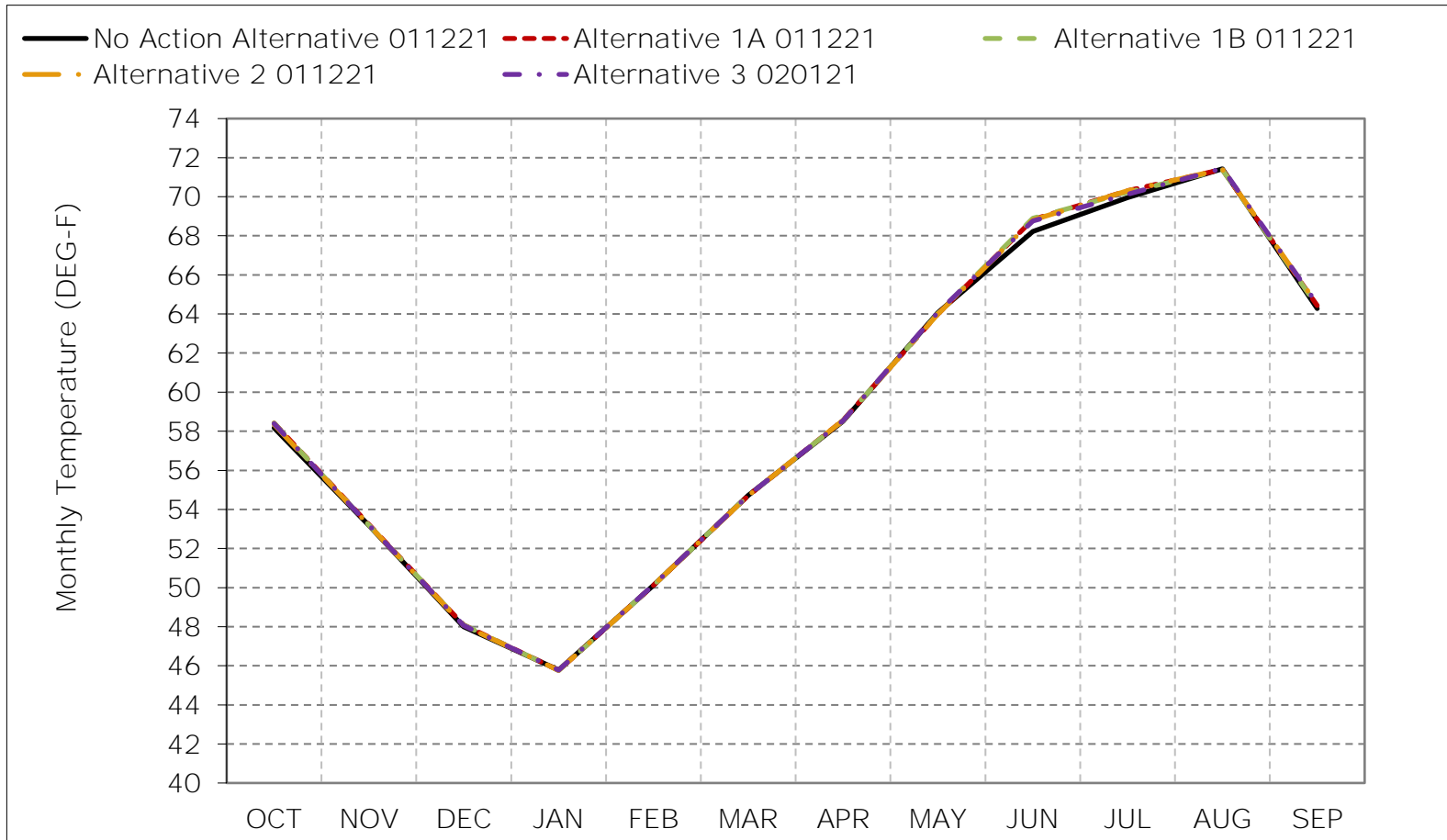


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-18-5. Feather River at Gridley Bridge, Dry Year Average Temperature

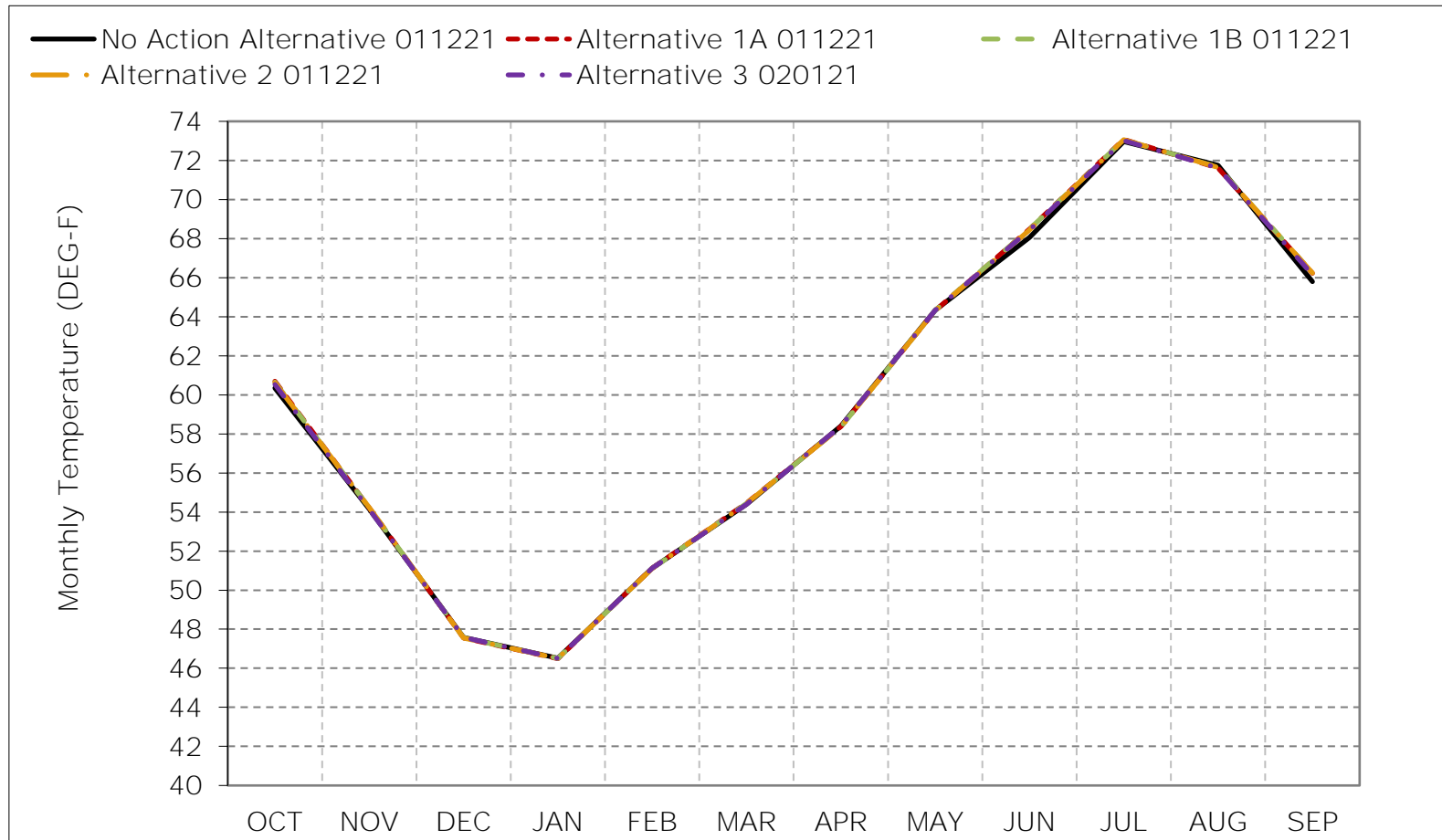


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-18-6. Feather River at Gridley Bridge, Critical Year Average Temperature

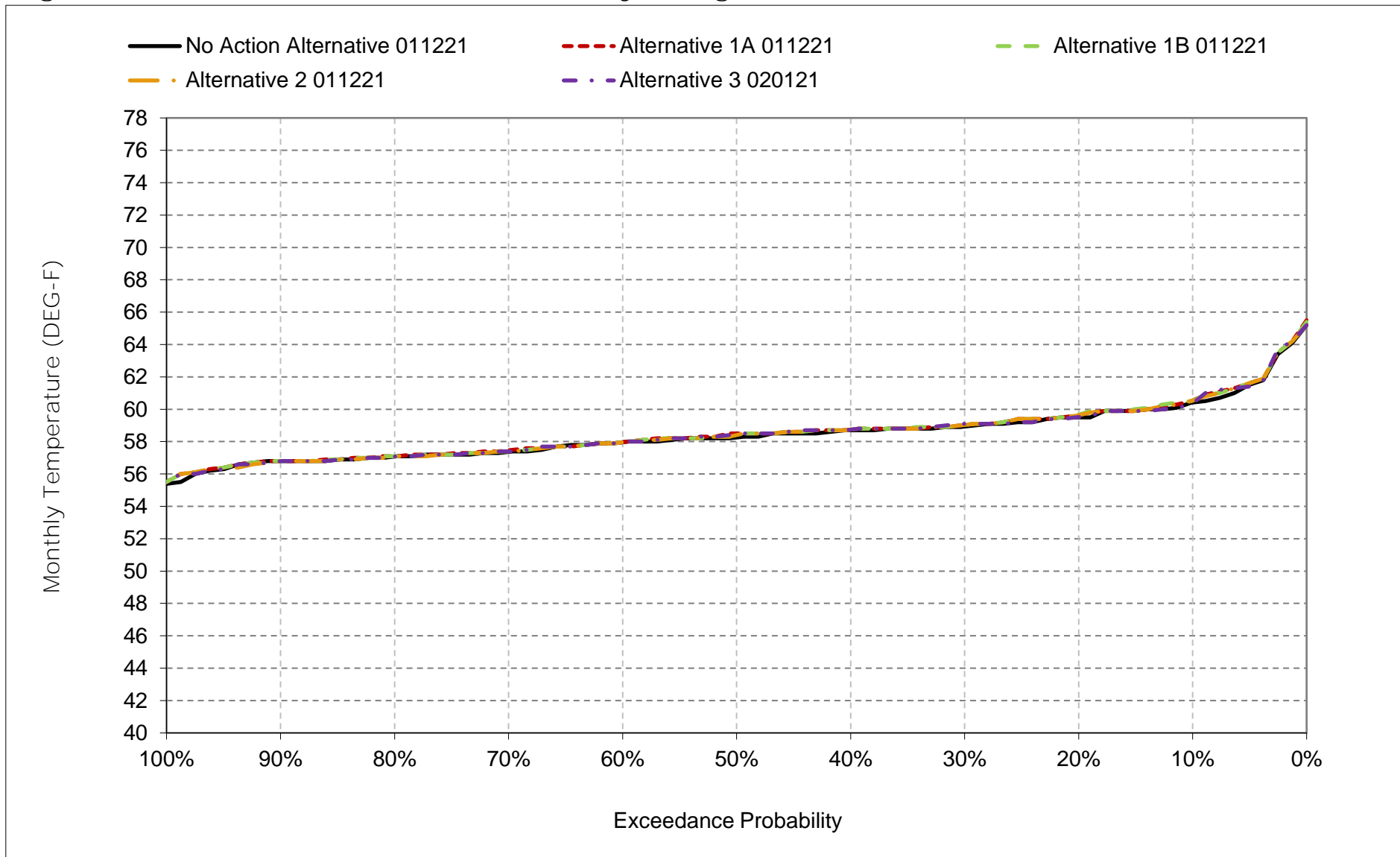


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

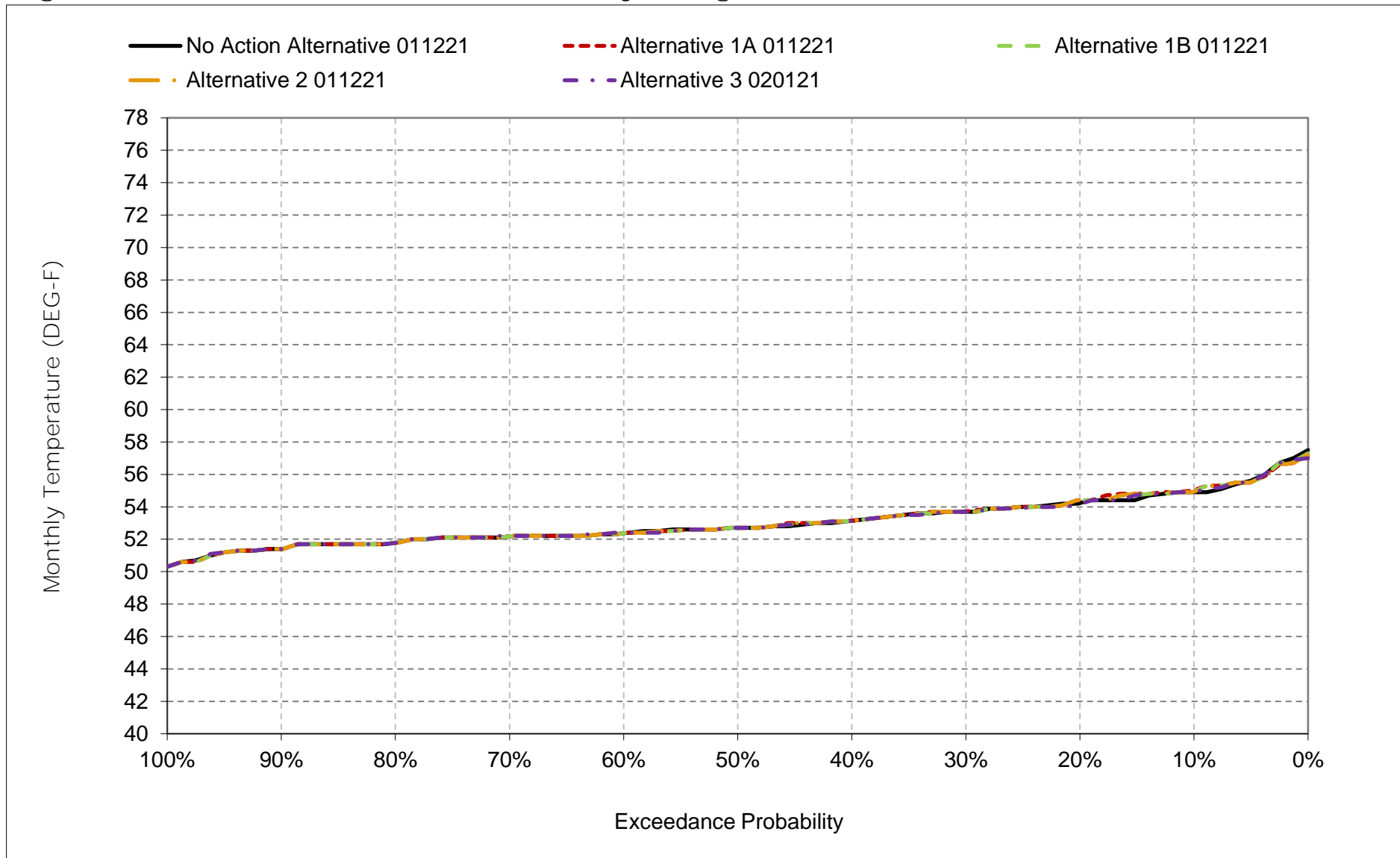
\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-18-7. Feather River at Gridley Bridge, October



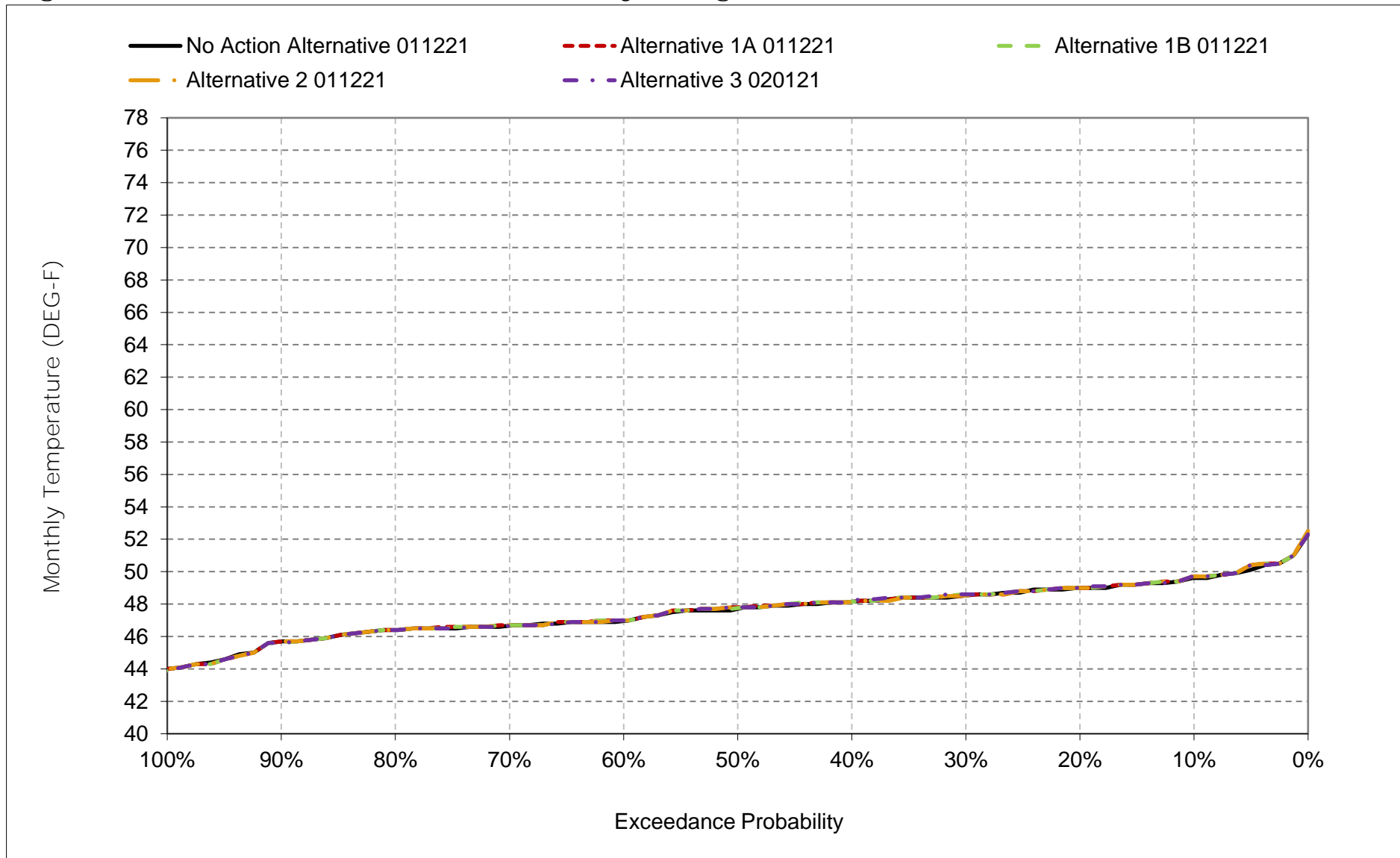
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-18-8. Feather River at Gridley Bridge, November



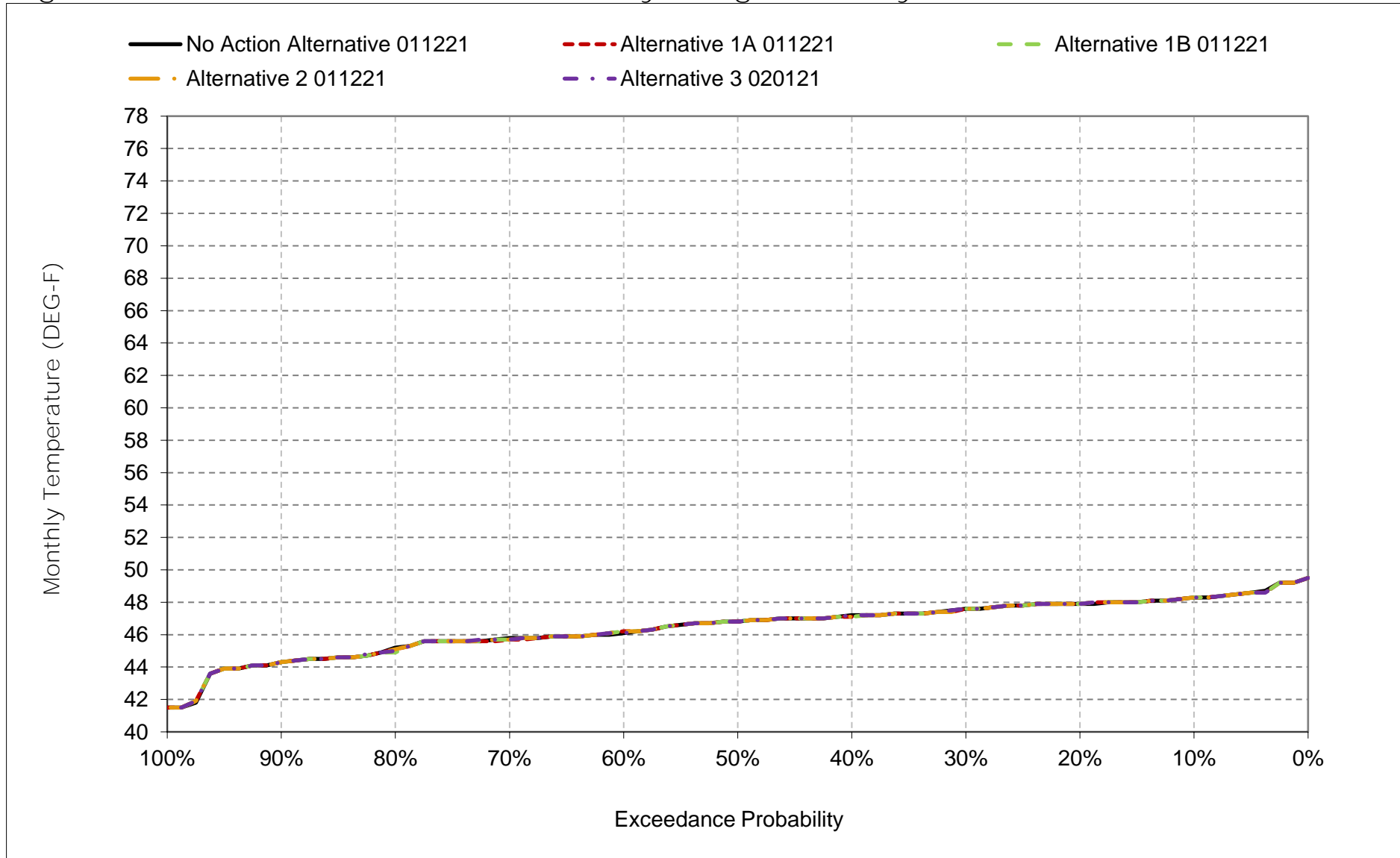
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-18-9. Feather River at Gridley Bridge, December



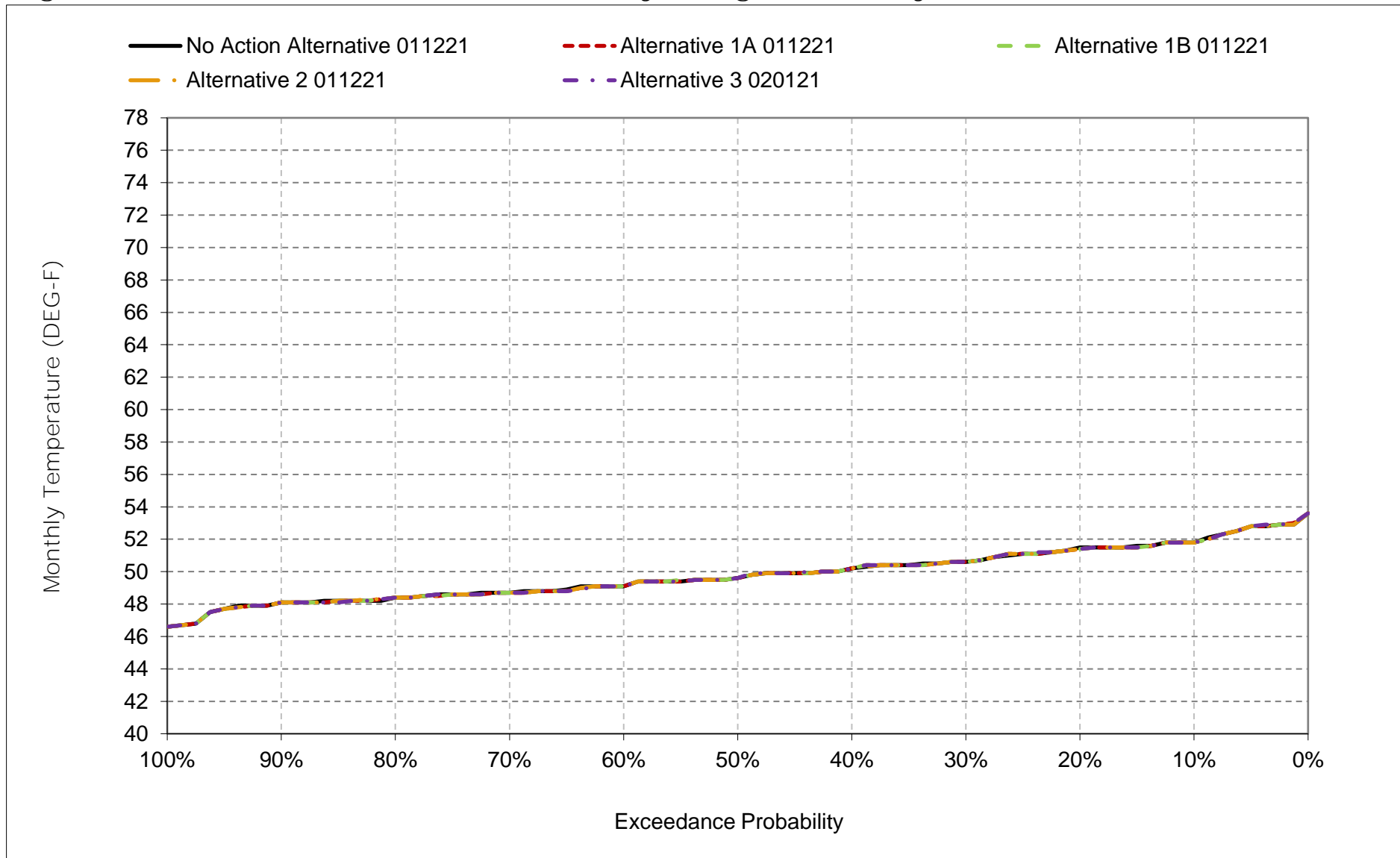
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-18-10. Feather River at Gridley Bridge, January



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

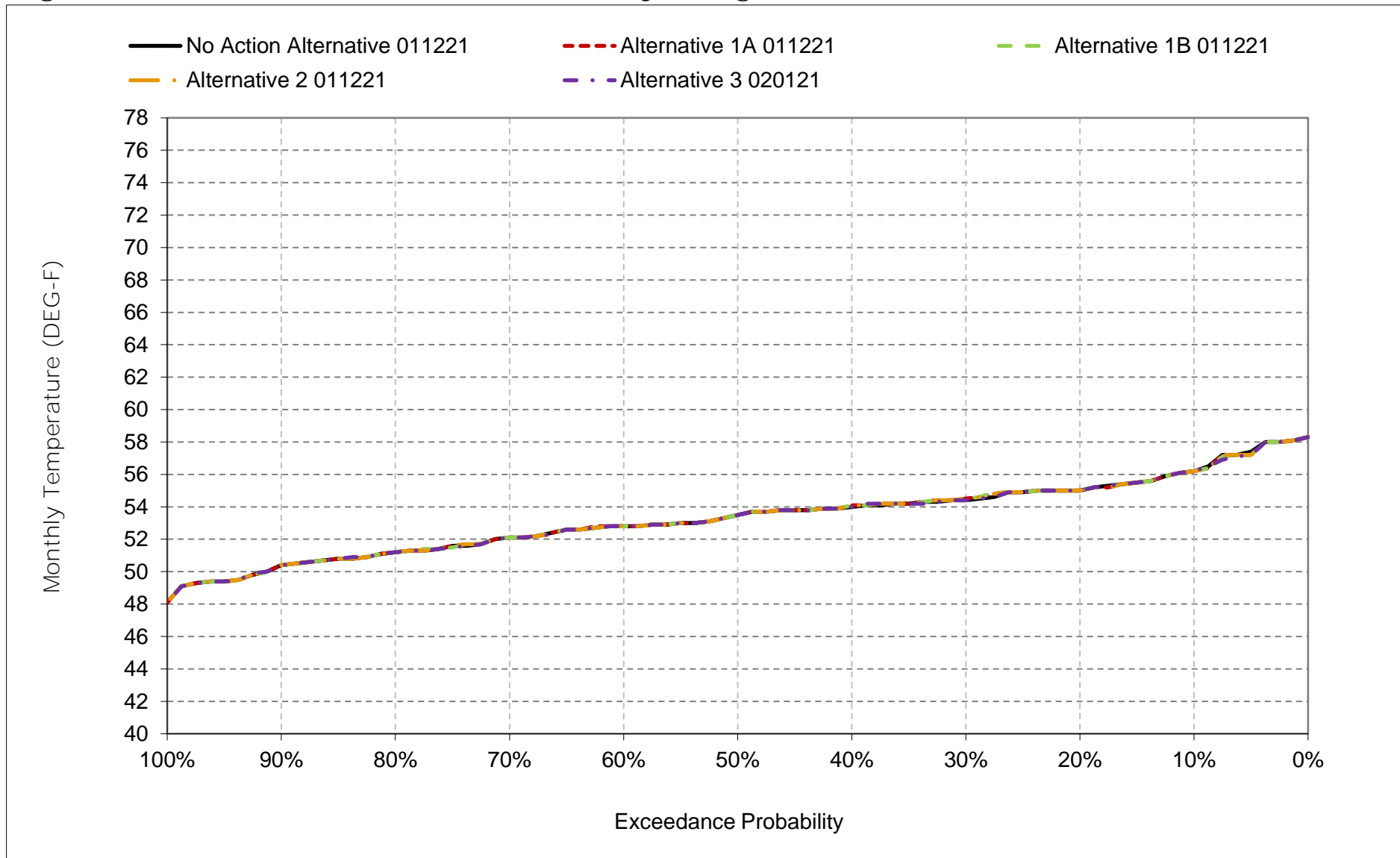
Figure 6C-18-11. Feather River at Gridley Bridge, February



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

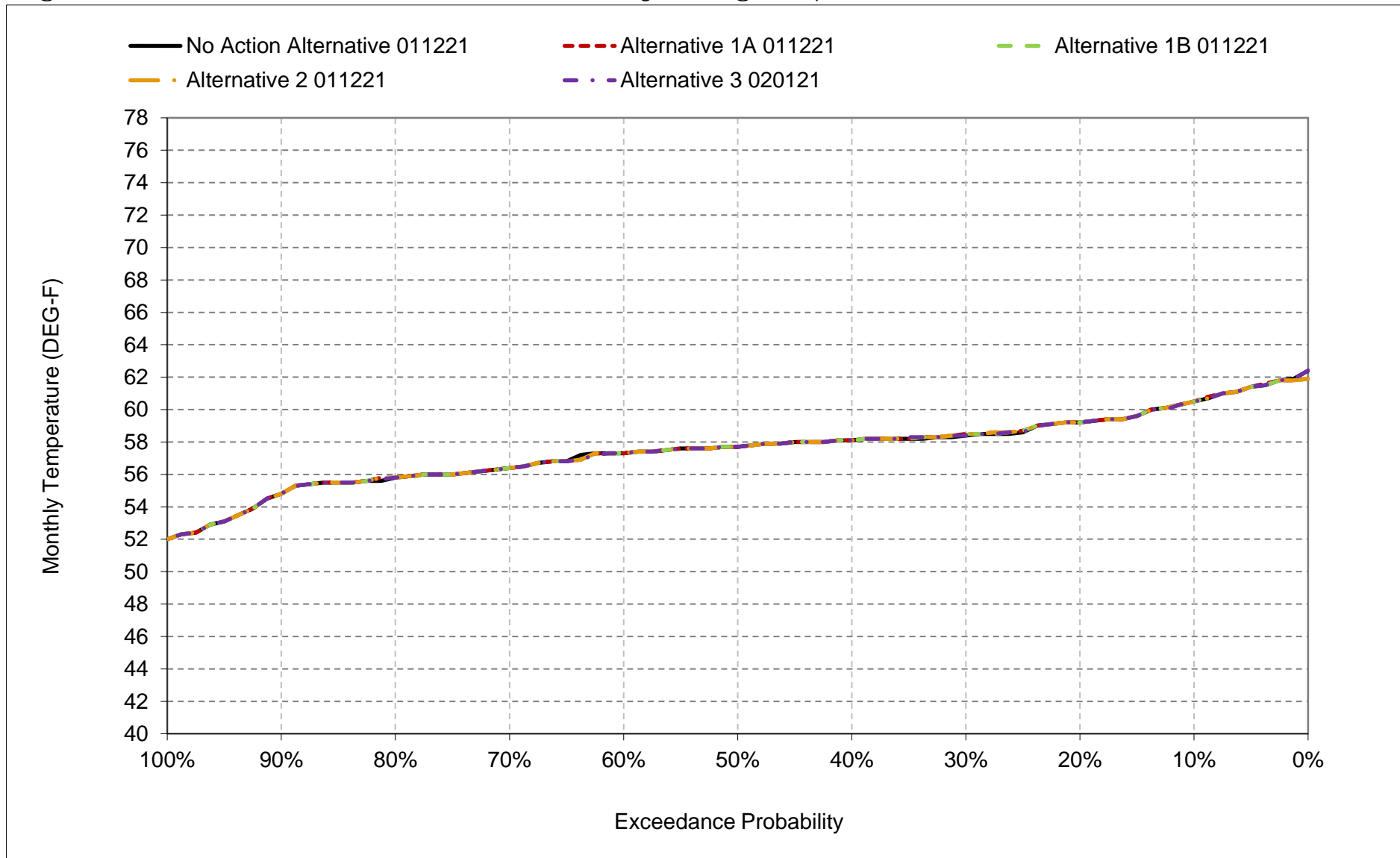


Figure 6C-18-12. Feather River at Gridley Bridge, March



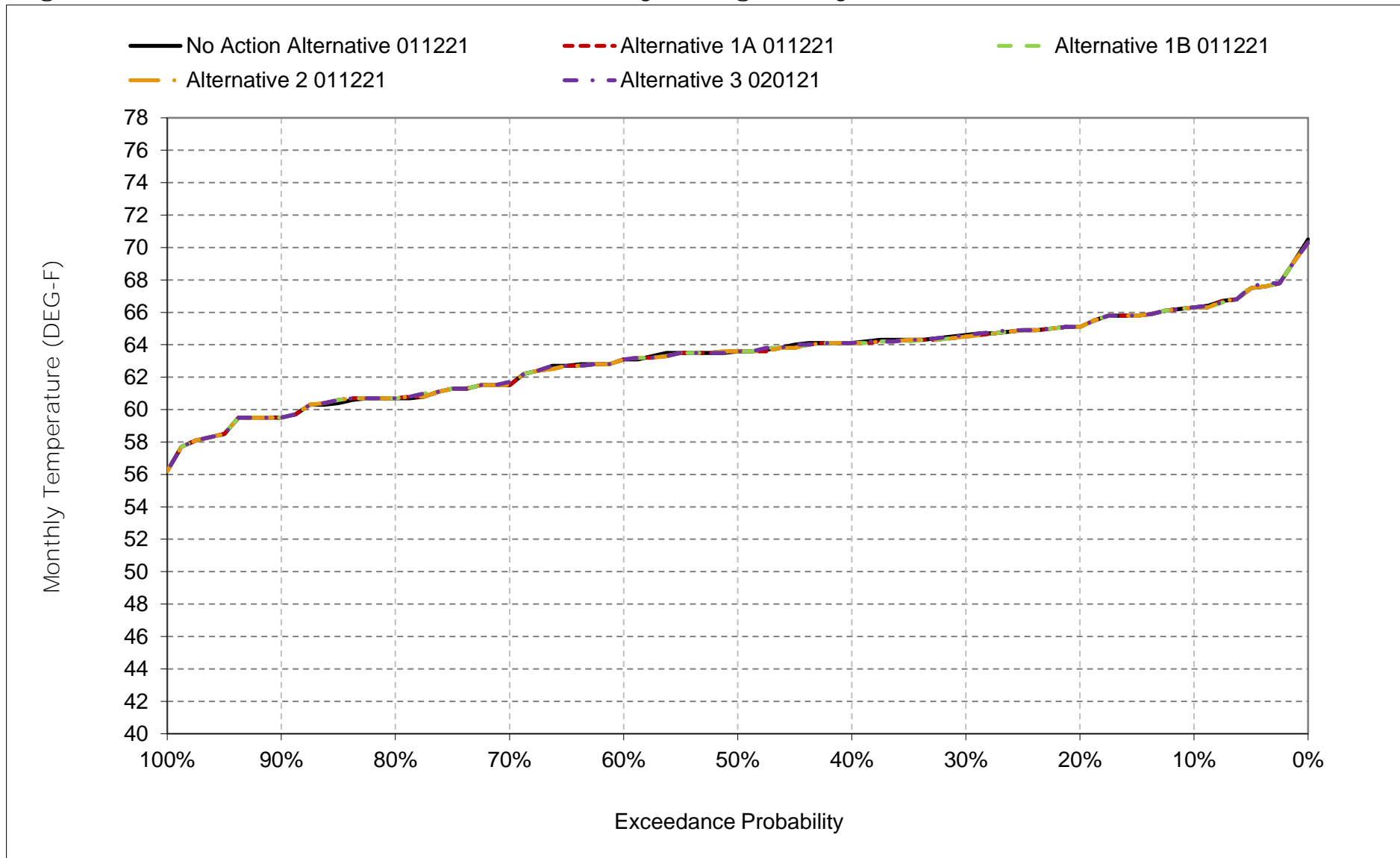
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-18-13. Feather River at Gridley Bridge, April



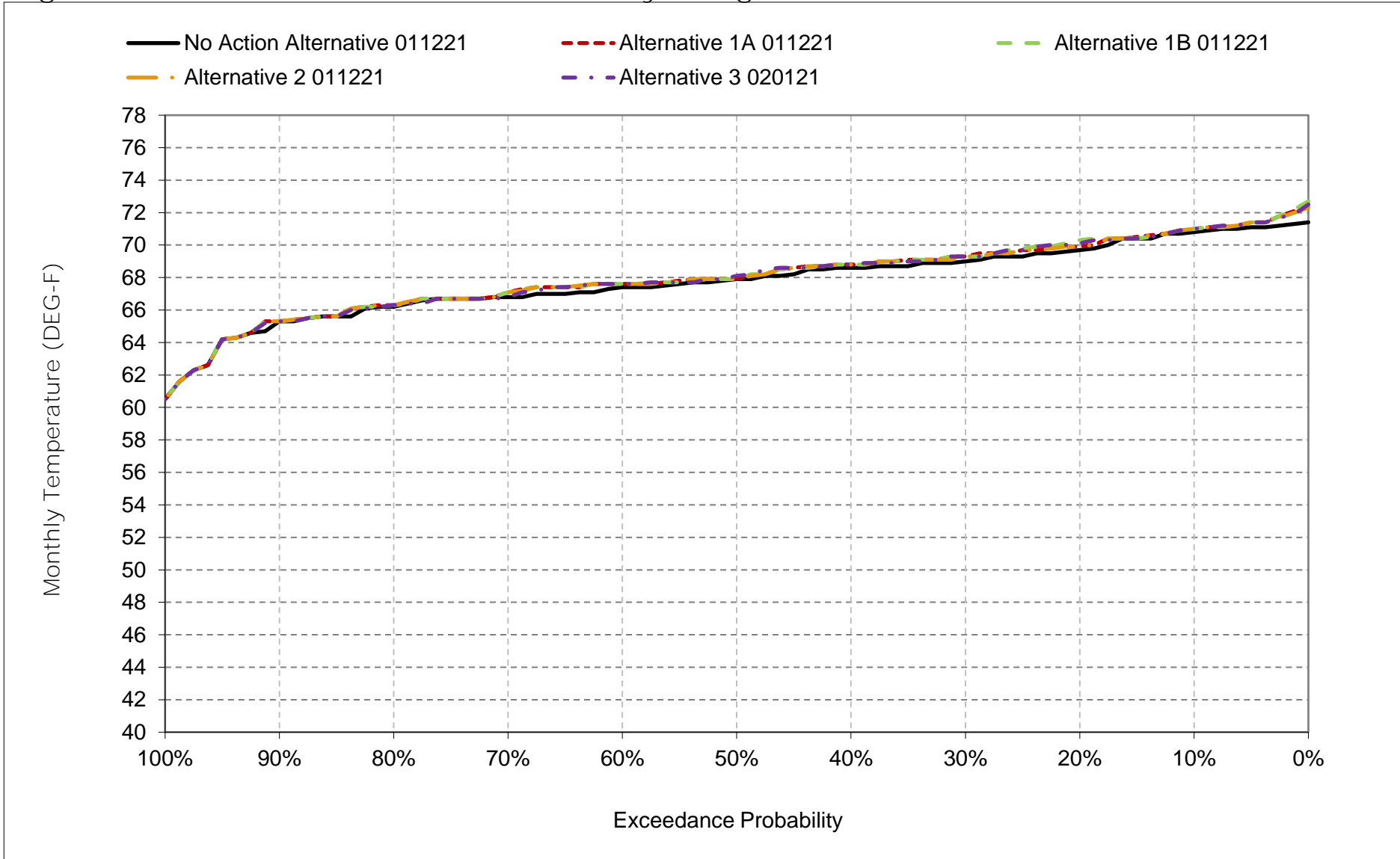
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-18-14. Feather River at Gridley Bridge, May



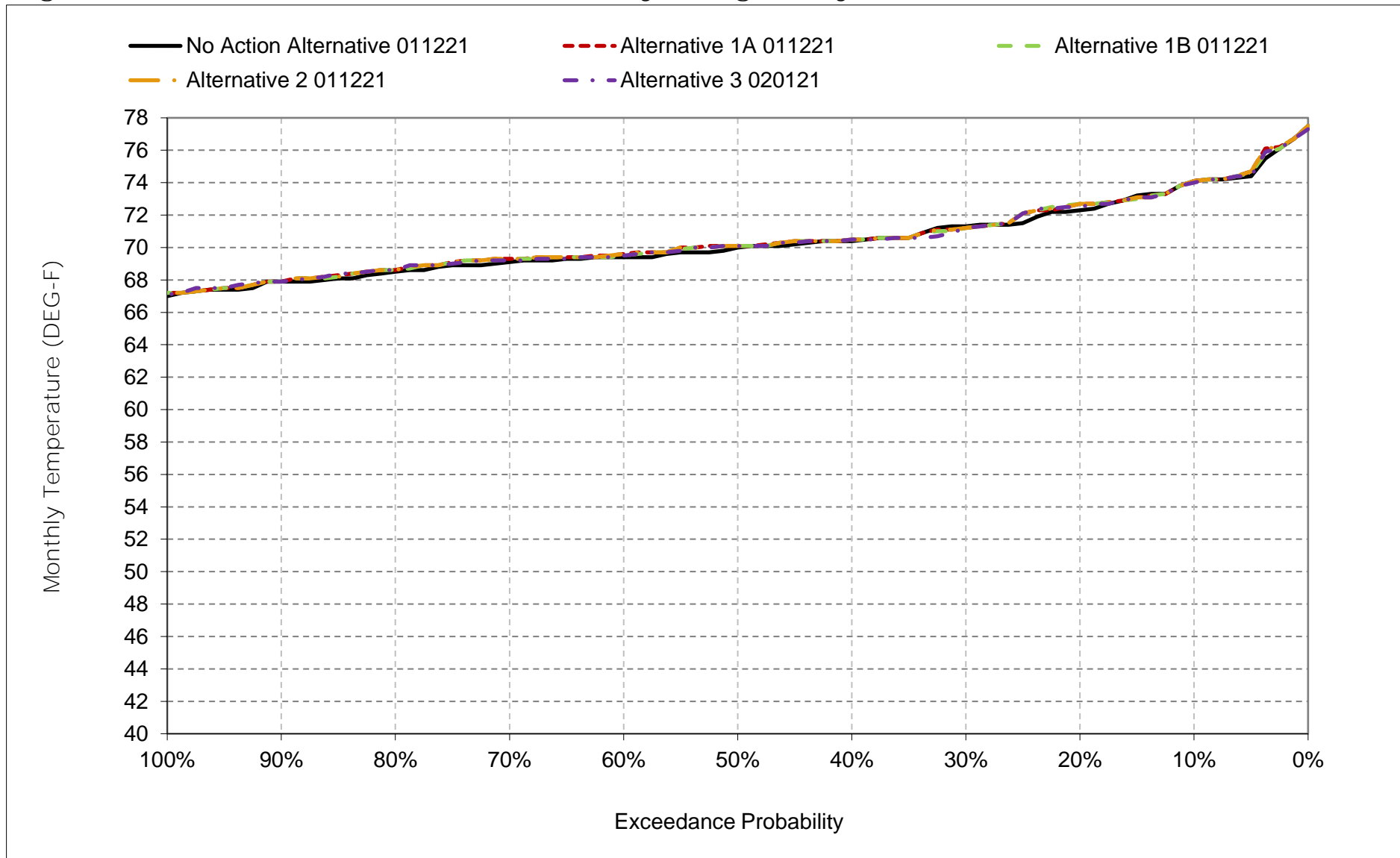
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-18-15. Feather River at Gridley Bridge, June



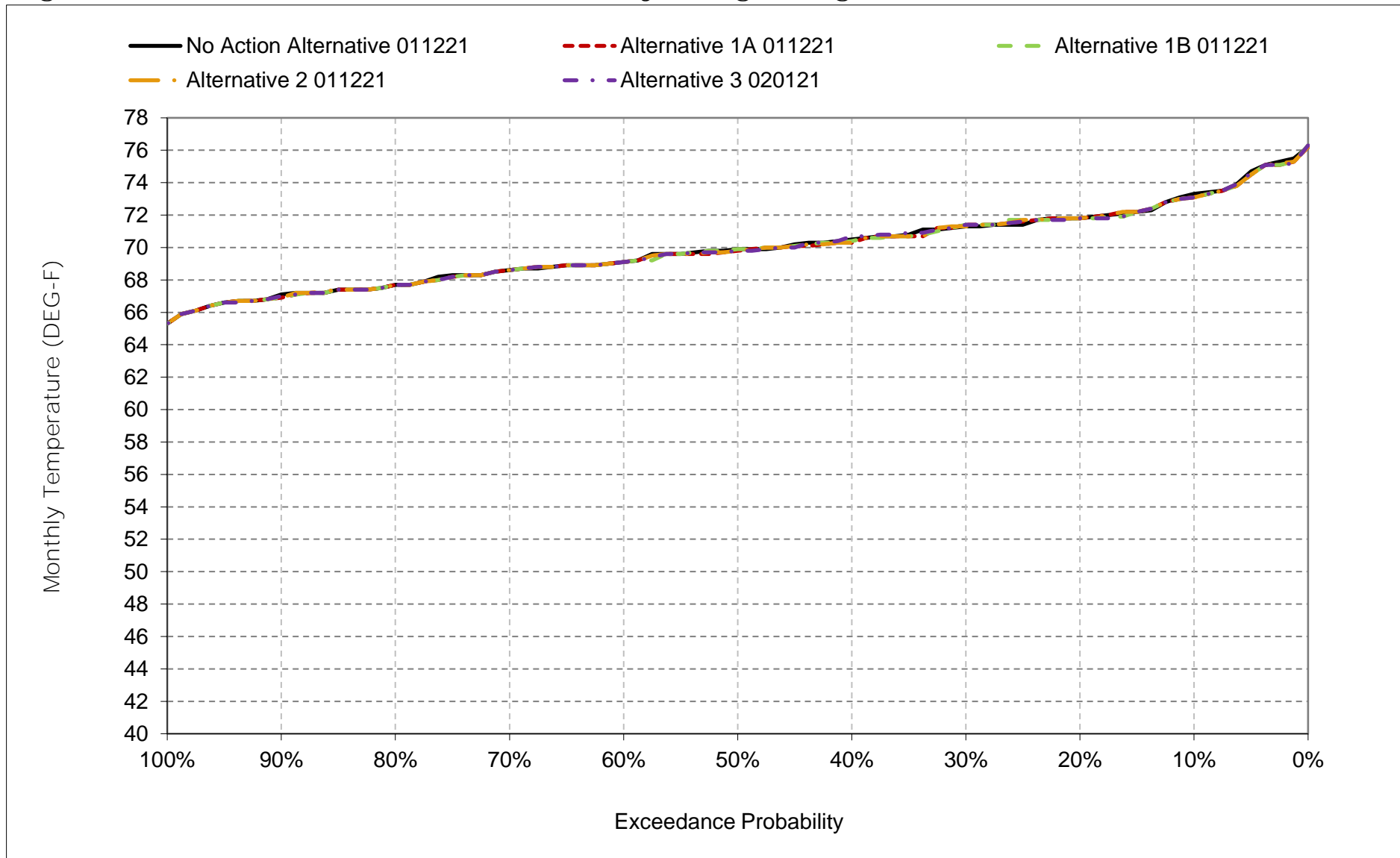
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-18-16. Feather River at Gridley Bridge, July



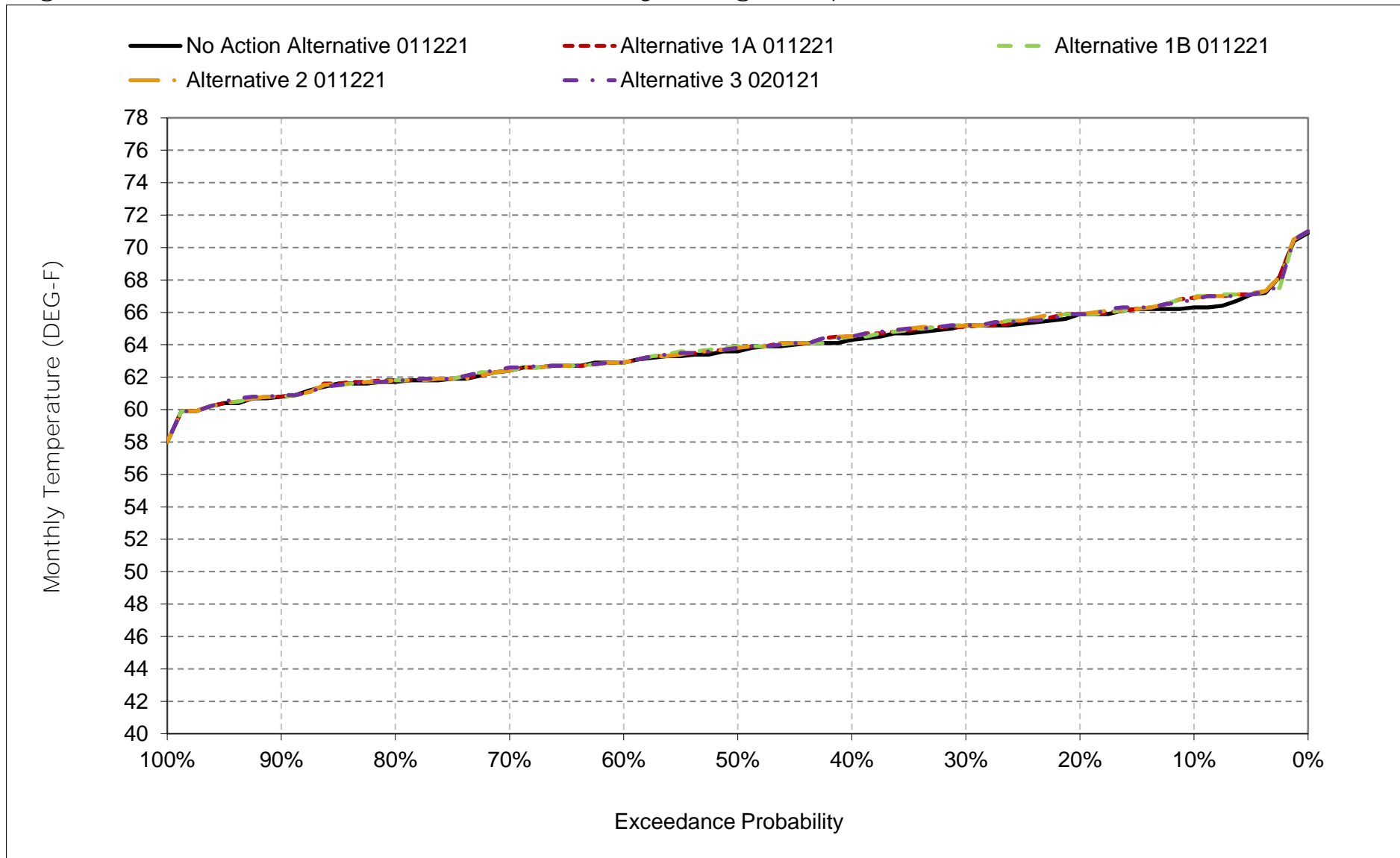
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-18-17. Feather River at Gridley Bridge, August



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-18-18. Feather River at Gridley Bridge, September



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-19-1a. Feather River at Mouth, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	63.3	54.2	48.3	47.9	52.2	56.6	64.1	69.6	73.7	76.1	76.2	72.4
20%	62.3	53.8	47.8	47.1	51.3	56.1	62.4	68.1	73.0	75.3	75.6	71.7
30%	61.7	53.3	47.4	46.8	50.9	55.5	61.7	67.2	72.2	74.6	74.6	70.5
40%	61.4	52.9	46.7	46.5	50.4	54.9	61.1	66.7	71.6	74.2	73.6	70.1
50%	61.0	52.3	46.3	45.7	50.1	54.5	60.6	66.3	71.2	73.5	73.0	68.9
60%	60.5	52.0	46.1	45.4	49.8	54.1	59.7	65.6	70.6	73.1	72.7	68.5
70%	60.0	51.7	45.5	44.9	49.3	53.6	59.0	64.7	70.1	72.7	72.1	67.8
80%	59.6	51.4	45.2	44.0	48.9	53.0	58.0	63.7	69.3	72.2	71.2	66.9
90%	59.1	50.8	44.2	43.4	48.4	52.0	57.3	62.9	68.3	71.5	70.4	65.8
Long Term												
Full Simulation Period <sup>a</sup>	61.0	52.5	46.4	45.7	50.2	54.5	60.5	66.3	71.1	73.9	73.2	69.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	60.2	52.7	46.7	46.5	50.0	53.3	58.5	64.5	69.6	73.9	72.9	67.9
Above Normal (15%)	60.0	51.4	46.1	46.0	50.1	54.4	60.3	66.1	71.4	72.6	70.9	66.4
Below Normal (17%)	61.2	52.5	46.0	45.3	49.7	54.8	60.7	66.2	71.4	72.9	71.6	70.1
Dry (22%)	61.6	52.7	46.3	44.8	50.2	55.3	61.7	67.6	72.3	73.6	74.8	70.8
Critical (15%)	62.7	52.7	46.1	45.3	51.2	55.8	63.1	68.2	71.8	76.4	75.2	70.6

Table 6C-19-1b. Feather River at Mouth, Alternative 1A 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	63.0	54.2	48.3	47.9	52.2	56.6	64.1	69.6	74.0	76.3	76.2	72.4
20%	62.1	53.8	47.8	47.1	51.3	56.1	62.4	68.1	73.2	75.4	75.2	71.7
30%	61.7	53.3	47.4	46.8	50.9	55.5	61.7	67.2	72.2	74.6	74.5	70.5
40%	61.3	52.9	46.7	46.5	50.4	54.9	61.1	66.7	71.8	74.2	73.6	70.1
50%	60.8	52.3	46.3	45.7	50.1	54.5	60.6	66.3	71.5	73.7	73.0	68.9
60%	60.4	52.0	46.1	45.4	49.8	54.1	59.7	65.6	70.8	73.3	72.5	68.5
70%	60.0	51.7	45.5	44.9	49.3	53.6	59.0	64.7	70.1	72.8	72.1	67.8
80%	59.3	51.4	45.2	44.0	48.9	53.0	58.0	63.7	69.3	72.3	71.1	66.9
90%	59.1	50.7	44.2	43.4	48.4	52.0	57.3	62.9	68.5	71.6	70.4	65.8
Long Term												
Full Simulation Period <sup>a</sup>	60.9	52.5	46.4	45.7	50.2	54.5	60.5	66.3	71.2	74.0	73.1	69.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	60.2	52.7	46.7	46.5	50.0	53.3	58.5	64.5	69.6	73.9	72.9	67.9
Above Normal (15%)	60.0	51.4	46.1	46.0	50.1	54.4	60.3	66.1	71.4	72.6	70.9	66.4
Below Normal (17%)	61.0	52.5	46.0	45.3	49.7	54.8	60.7	66.2	71.5	73.0	71.6	70.1
Dry (22%)	61.3	52.8	46.4	44.8	50.2	55.3	61.7	67.6	72.8	73.9	74.7	70.8
Critical (15%)	62.7	52.7	46.1	45.3	51.2	55.8	63.0	68.2	72.1	76.5	75.0	70.6

Table 6C-19-1c. Feather River at Mouth, Alternative 1A 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.0
20%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	-0.4	0.0
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
40%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
50%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.0
60%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	-0.2	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
80%	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0
90%	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	-0.1	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal (17%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
Dry (22%)	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.3	-0.1	0.0
Critical (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	-0.2	0.0

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.



Table 6C-19-2a. Feather River at Mouth, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	63.3	54.2	48.3	47.9	52.2	56.6	64.1	69.6	73.7	76.1	76.2	72.4
20%	62.3	53.8	47.8	47.1	51.3	56.1	62.4	68.1	73.0	75.3	75.6	71.7
30%	61.7	53.3	47.4	46.8	50.9	55.5	61.7	67.2	72.2	74.6	74.6	70.5
40%	61.4	52.9	46.7	46.5	50.4	54.9	61.1	66.7	71.6	74.2	73.6	70.1
50%	61.0	52.3	46.3	45.7	50.1	54.5	60.6	66.3	71.2	73.5	73.0	68.9
60%	60.5	52.0	46.1	45.4	49.8	54.1	59.7	65.6	70.6	73.1	72.7	68.5
70%	60.0	51.7	45.5	44.9	49.3	53.6	59.0	64.7	70.1	72.7	72.1	67.8
80%	59.6	51.4	45.2	44.0	48.9	53.0	58.0	63.7	69.3	72.2	71.2	66.9
90%	59.1	50.8	44.2	43.4	48.4	52.0	57.3	62.9	68.3	71.5	70.4	65.8
Long Term												
Full Simulation Period <sup>a</sup>	61.0	52.5	46.4	45.7	50.2	54.5	60.5	66.3	71.1	73.9	73.2	69.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	60.2	52.7	46.7	46.5	50.0	53.3	58.5	64.5	69.6	73.9	72.9	67.9
Above Normal (15%)	60.0	51.4	46.1	46.0	50.1	54.4	60.3	66.1	71.4	72.6	70.9	66.4
Below Normal (17%)	61.2	52.5	46.0	45.3	49.7	54.8	60.7	66.2	71.4	72.9	71.6	70.1
Dry (22%)	61.6	52.7	46.3	44.8	50.2	55.3	61.7	67.6	72.3	73.6	74.8	70.8
Critical (15%)	62.7	52.7	46.1	45.3	51.2	55.8	63.1	68.2	71.8	76.4	75.2	70.6

Table 6C-19-2b. Feather River at Mouth, Alternative 1B 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	63.0	54.2	48.3	47.9	52.2	56.6	64.1	69.6	74.0	76.3	76.2	72.4
20%	62.3	53.8	47.8	47.1	51.3	56.1	62.4	68.1	73.6	75.4	75.2	71.4
30%	61.7	53.3	47.4	46.8	50.9	55.5	61.7	67.4	72.2	74.6	74.3	70.4
40%	61.3	52.9	46.7	46.5	50.4	54.9	61.1	66.7	71.8	74.2	73.6	70.1
50%	60.8	52.3	46.3	45.7	50.1	54.5	60.6	66.3	71.5	73.7	72.9	68.9
60%	60.4	52.0	46.1	45.4	49.7	54.1	59.7	65.6	70.8	73.3	72.6	68.5
70%	60.0	51.7	45.5	44.9	49.3	53.6	59.0	64.7	70.1	72.8	72.1	67.8
80%	59.3	51.4	45.2	44.0	48.9	53.0	58.0	63.7	69.3	72.3	71.1	66.9
90%	58.9	50.7	44.2	43.4	48.4	52.0	57.3	62.9	68.5	71.6	70.4	65.9
Long Term												
Full Simulation Period <sup>a</sup>	60.9	52.5	46.4	45.7	50.2	54.5	60.5	66.3	71.2	74.0	73.1	69.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	60.2	52.7	46.7	46.5	50.0	53.3	58.5	64.5	69.6	73.9	72.9	67.9
Above Normal (15%)	60.0	51.4	46.1	46.0	50.1	54.4	60.3	66.1	71.4	72.6	70.9	66.4
Below Normal (17%)	61.0	52.5	46.0	45.3	49.7	54.8	60.7	66.2	71.5	73.0	71.6	70.0
Dry (22%)	61.3	52.8	46.4	44.8	50.2	55.3	61.7	67.6	72.8	73.9	74.7	70.8
Critical (15%)	62.7	52.7	46.1	45.3	51.2	55.8	63.0	68.2	72.1	76.5	75.0	70.6

Table 6C-19-2c. Feather River at Mouth, Alternative 1B 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.0
20%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	-0.4	-0.3
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	-0.3	-0.1
40%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
50%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	-0.1	0.0
60%	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.2	0.2	-0.1	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
80%	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0
90%	-0.2	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.1
Long Term												
Full Simulation Period <sup>a</sup>	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	-0.1	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal (17%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	-0.1
Dry (22%)	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.2	-0.1	0.0
Critical (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	-0.2	0.0

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-19-3a. Feather River at Mouth, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	63.3	54.2	48.3	47.9	52.2	56.6	64.1	69.6	73.7	76.1	76.2	72.4
20%	62.3	53.8	47.8	47.1	51.3	56.1	62.4	68.1	73.0	75.3	75.6	71.7
30%	61.7	53.3	47.4	46.8	50.9	55.5	61.7	67.2	72.2	74.6	74.6	70.5
40%	61.4	52.9	46.7	46.5	50.4	54.9	61.1	66.7	71.6	74.2	73.6	70.1
50%	61.0	52.3	46.3	45.7	50.1	54.5	60.6	66.3	71.2	73.5	73.0	68.9
60%	60.5	52.0	46.1	45.4	49.8	54.1	59.7	65.6	70.6	73.1	72.7	68.5
70%	60.0	51.7	45.5	44.9	49.3	53.6	59.0	64.7	70.1	72.7	72.1	67.8
80%	59.6	51.4	45.2	44.0	48.9	53.0	58.0	63.7	69.3	72.2	71.2	66.9
90%	59.1	50.8	44.2	43.4	48.4	52.0	57.3	62.9	68.3	71.5	70.4	65.8
Long Term												
Full Simulation Period <sup>a</sup>	61.0	52.5	46.4	45.7	50.2	54.5	60.5	66.3	71.1	73.9	73.2	69.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	60.2	52.7	46.7	46.5	50.0	53.3	58.5	64.5	69.6	73.9	72.9	67.9
Above Normal (15%)	60.0	51.4	46.1	46.0	50.1	54.4	60.3	66.1	71.4	72.6	70.9	66.4
Below Normal (17%)	61.2	52.5	46.0	45.3	49.7	54.8	60.7	66.2	71.4	72.9	71.6	70.1
Dry (22%)	61.6	52.7	46.3	44.8	50.2	55.3	61.7	67.6	72.3	73.6	74.8	70.8
Critical (15%)	62.7	52.7	46.1	45.3	51.2	55.8	63.1	68.2	71.8	76.4	75.2	70.6

Table 6C-19-3b. Feather River at Mouth, Alternative 2 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	63.0	54.2	48.3	47.9	52.2	56.6	64.1	69.6	74.0	76.3	76.2	72.4
20%	62.1	53.8	47.8	47.1	51.3	56.1	62.4	68.1	73.2	75.4	75.2	71.7
30%	61.7	53.3	47.4	46.8	50.9	55.5	61.7	67.2	72.2	74.6	74.5	70.5
40%	61.3	52.9	46.7	46.5	50.4	54.9	61.1	66.7	71.8	74.2	73.6	70.1
50%	60.8	52.3	46.3	45.7	50.1	54.5	60.6	66.3	71.5	73.7	73.0	68.9
60%	60.5	52.0	46.1	45.4	49.8	54.1	59.7	65.6	70.8	73.3	72.5	68.5
70%	60.0	51.7	45.5	44.9	49.3	53.6	59.0	64.7	70.1	72.8	72.1	67.8
80%	59.3	51.4	45.2	44.0	48.9	53.0	58.0	63.7	69.3	72.3	71.1	66.9
90%	59.1	50.7	44.2	43.4	48.4	52.0	57.3	62.9	68.5	71.6	70.4	65.8
Long Term												
Full Simulation Period <sup>a</sup>	60.9	52.5	46.4	45.7	50.2	54.5	60.5	66.3	71.2	74.0	73.1	69.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	60.2	52.7	46.7	46.5	50.0	53.3	58.5	64.5	69.6	73.9	72.9	67.9
Above Normal (15%)	60.0	51.4	46.1	46.0	50.1	54.4	60.3	66.1	71.4	72.6	70.9	66.4
Below Normal (17%)	61.0	52.5	46.0	45.3	49.7	54.8	60.7	66.2	71.5	73.0	71.6	70.1
Dry (22%)	61.3	52.8	46.4	44.8	50.2	55.3	61.7	67.6	72.7	73.9	74.7	70.8
Critical (15%)	62.7	52.7	46.1	45.3	51.2	55.8	63.0	68.2	72.1	76.5	75.0	70.6

Table 6C-19-3c. Feather River at Mouth, Alternative 2 011221 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.0
20%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	-0.4	0.0
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
40%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
50%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	-0.2	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
80%	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0
90%	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0
Long Term												
Full Simulation Period <sup>a</sup>	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	-0.1	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal (17%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
Dry (22%)	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3	-0.1	0.0
Critical (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	-0.2	0.0

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 6C-19-4a. Feather River at Mouth, No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	63.3	54.2	48.3	47.9	52.2	56.6	64.1	69.6	73.7	76.1	76.2	72.4
20%	62.3	53.8	47.8	47.1	51.3	56.1	62.4	68.1	73.0	75.3	75.6	71.7
30%	61.7	53.3	47.4	46.8	50.9	55.5	61.7	67.2	72.2	74.6	74.6	70.5
40%	61.4	52.9	46.7	46.5	50.4	54.9	61.1	66.7	71.6	74.2	73.6	70.1
50%	61.0	52.3	46.3	45.7	50.1	54.5	60.6	66.3	71.2	73.5	73.0	68.9
60%	60.5	52.0	46.1	45.4	49.8	54.1	59.7	65.6	70.6	73.1	72.7	68.5
70%	60.0	51.7	45.5	44.9	49.3	53.6	59.0	64.7	70.1	72.7	72.1	67.8
80%	59.6	51.4	45.2	44.0	48.9	53.0	58.0	63.7	69.3	72.2	71.2	66.9
90%	59.1	50.8	44.2	43.4	48.4	52.0	57.3	62.9	68.3	71.5	70.4	65.8
Long Term												
Full Simulation Period <sup>a</sup>	61.0	52.5	46.4	45.7	50.2	54.5	60.5	66.3	71.1	73.9	73.2	69.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	60.2	52.7	46.7	46.5	50.0	53.3	58.5	64.5	69.6	73.9	72.9	67.9
Above Normal (15%)	60.0	51.4	46.1	46.0	50.1	54.4	60.3	66.1	71.4	72.6	70.9	66.4
Below Normal (17%)	61.2	52.5	46.0	45.3	49.7	54.8	60.7	66.2	71.4	72.9	71.6	70.1
Dry (22%)	61.6	52.7	46.3	44.8	50.2	55.3	61.7	67.6	72.3	73.6	74.8	70.8
Critical (15%)	62.7	52.7	46.1	45.3	51.2	55.8	63.1	68.2	71.8	76.4	75.2	70.6

Table 6C-19-4b. Feather River at Mouth, Alternative 3 020121, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	63.2	54.2	48.3	47.9	52.2	56.6	64.1	69.6	74.2	76.3	76.0	72.4
20%	62.1	53.8	47.8	47.1	51.3	56.1	62.4	68.2	73.5	75.4	75.2	71.3
30%	61.6	53.3	47.4	46.8	50.9	55.4	61.7	67.5	72.2	74.6	74.3	70.4
40%	61.4	52.9	46.7	46.5	50.4	54.9	61.1	66.7	71.7	74.2	73.6	70.1
50%	61.0	52.3	46.3	45.7	50.0	54.5	60.6	66.3	71.5	73.7	73.0	68.9
60%	60.4	52.0	46.1	45.4	49.7	54.1	59.7	65.6	70.7	73.3	72.5	68.5
70%	60.0	51.7	45.5	44.9	49.3	53.6	59.0	64.7	70.1	72.8	72.0	67.8
80%	59.3	51.4	45.2	44.0	48.9	53.0	58.0	63.7	69.3	72.2	71.1	66.9
90%	58.9	50.8	44.2	43.4	48.4	52.0	57.3	62.9	68.4	71.9	70.4	66.3
Long Term												
Full Simulation Period <sup>a</sup>	61.0	52.5	46.4	45.7	50.2	54.5	60.5	66.3	71.2	73.9	73.1	69.1
Water Year Types <sup>b,c</sup>												
Wet (32%)	60.2	52.7	46.7	46.5	50.0	53.3	58.5	64.5	69.6	73.9	72.9	67.9
Above Normal (15%)	60.0	51.4	46.1	46.0	50.1	54.4	60.3	66.1	71.4	72.7	70.9	66.5
Below Normal (17%)	61.1	52.5	46.0	45.3	49.7	54.8	60.7	66.2	71.5	73.0	71.6	70.1
Dry (22%)	61.4	52.8	46.4	44.8	50.2	55.3	61.7	67.7	72.7	73.8	74.7	70.8
Critical (15%)	62.7	52.7	46.1	45.3	51.2	55.8	63.1	68.2	72.0	76.5	75.0	70.6

Table 6C-19-4c. Feather River at Mouth, Alternative 3 020121 minus No Action Alternative 011221, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.2	-0.2	0.0
20%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.1	-0.4	-0.4
30%	-0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.3	0.0	0.0	-0.3	-0.1
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.3	0.2	0.0	0.0
60%	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	0.2	-0.2	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0
80%	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
90%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.0	0.5
Long Term												
Full Simulation Period <sup>a</sup>	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	0.0
Water Year Types <sup>b,c</sup>												
Wet (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Below Normal (17%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0
Dry (22%)	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.1	-0.1	0.0
Critical (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	-0.2	0.0

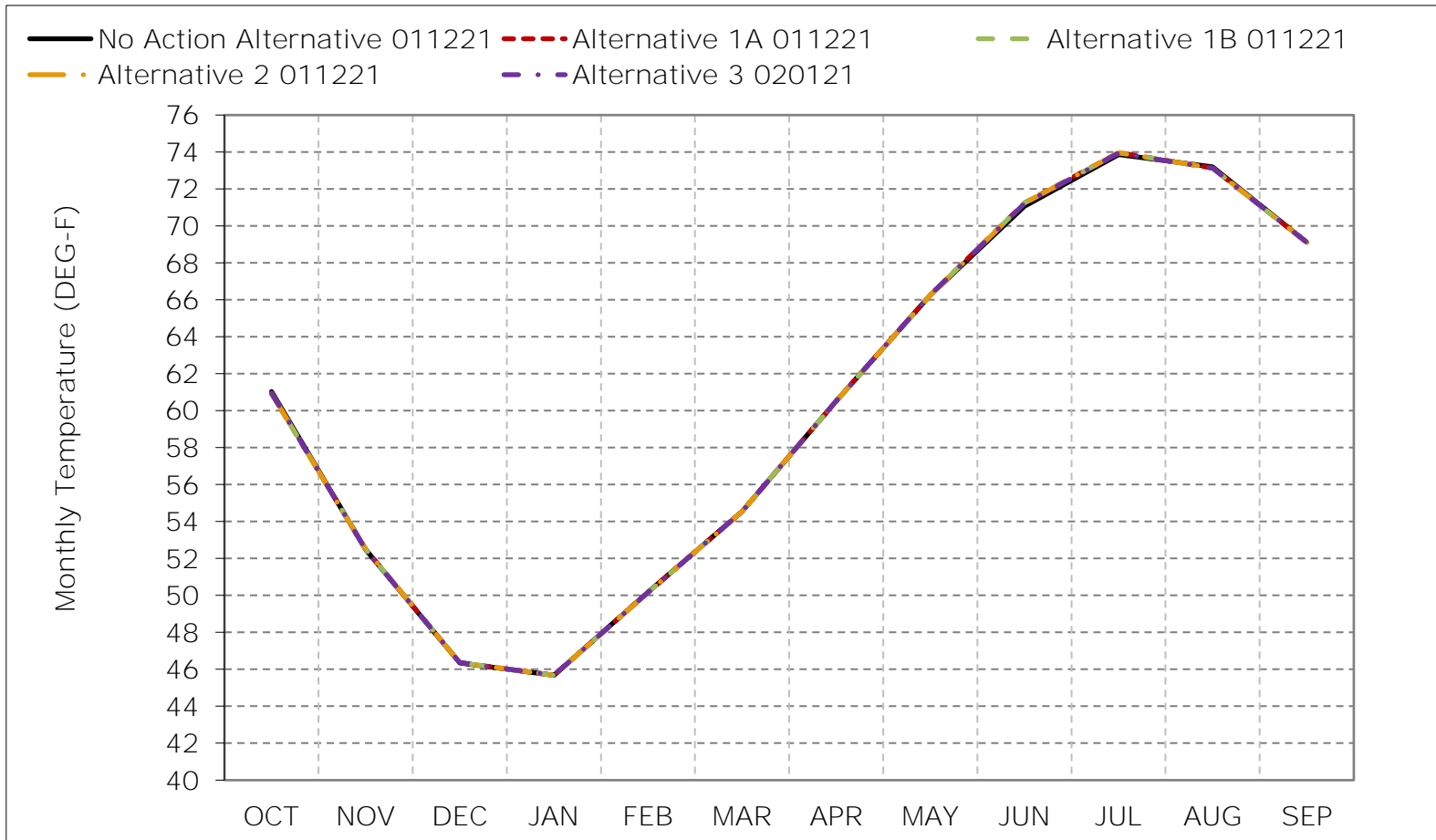
a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

d All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-19-1. Feather River at Mouth, Long-Term Average Temperature

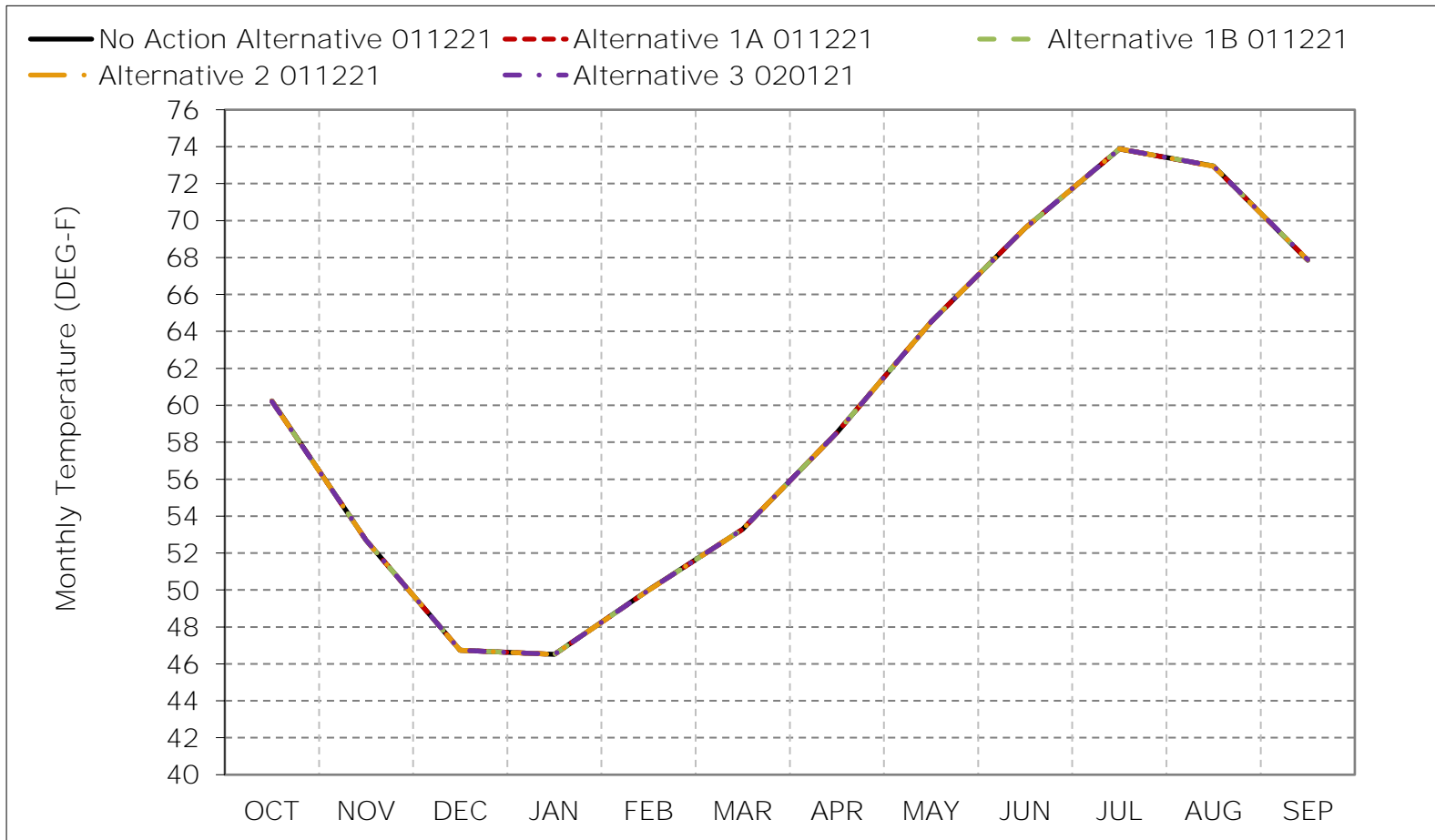


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-19-2. Feather River at Mouth, Wet Year Average Temperature

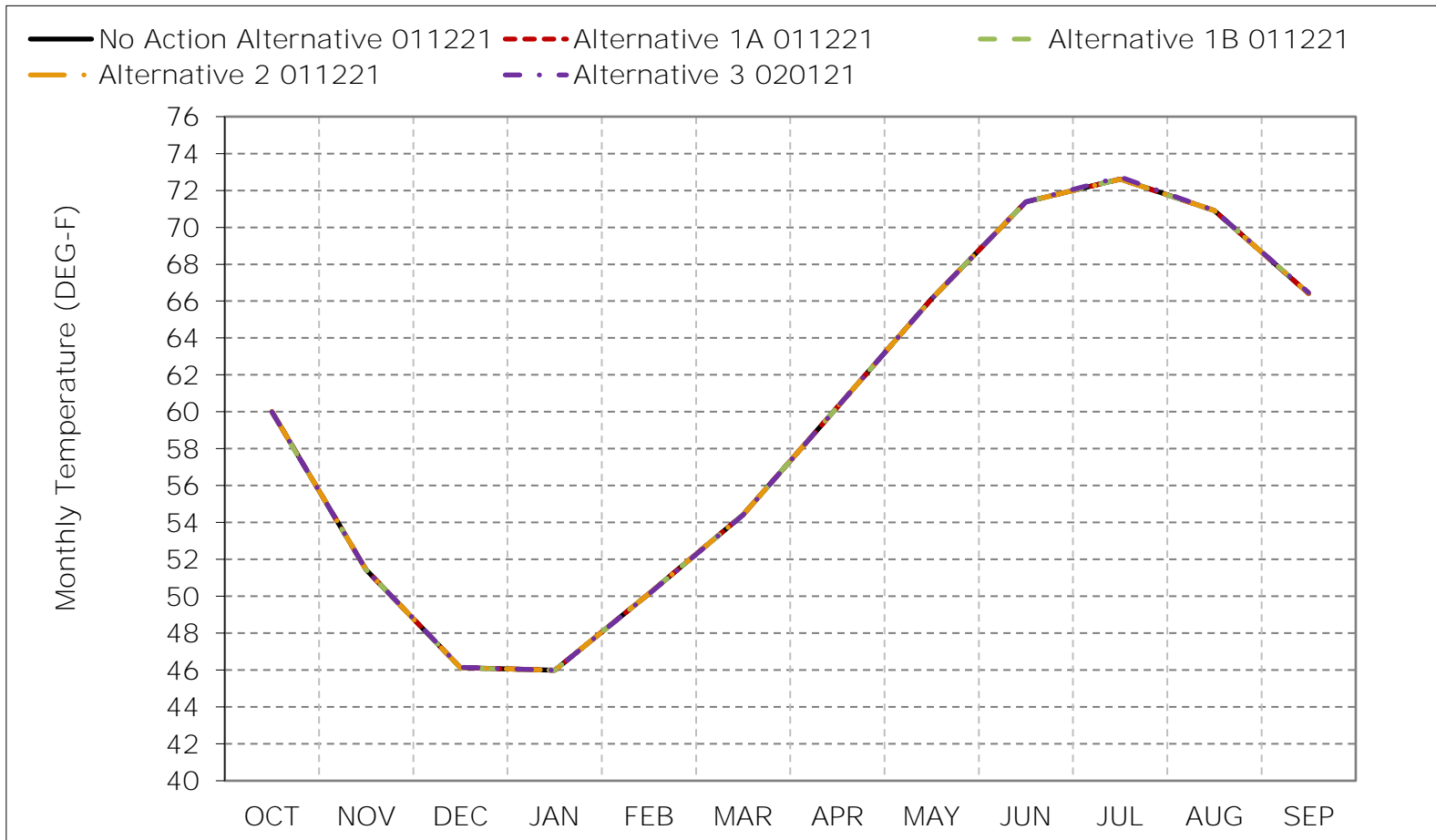


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-19-3. Feather River at Mouth, Above Normal Year Average Temperature

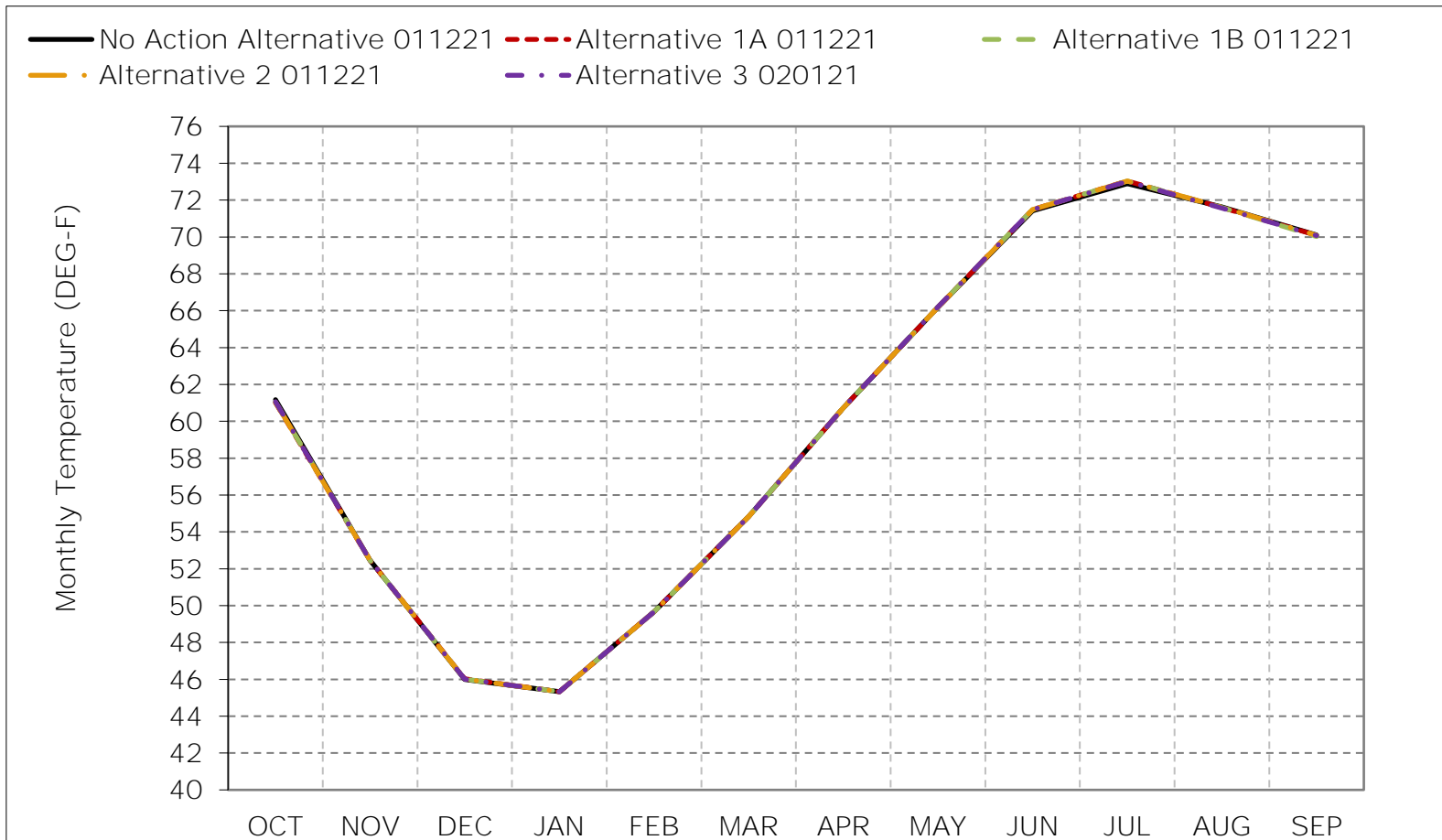


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-19-4. Feather River at Mouth, Below Normal Year Average Temperature

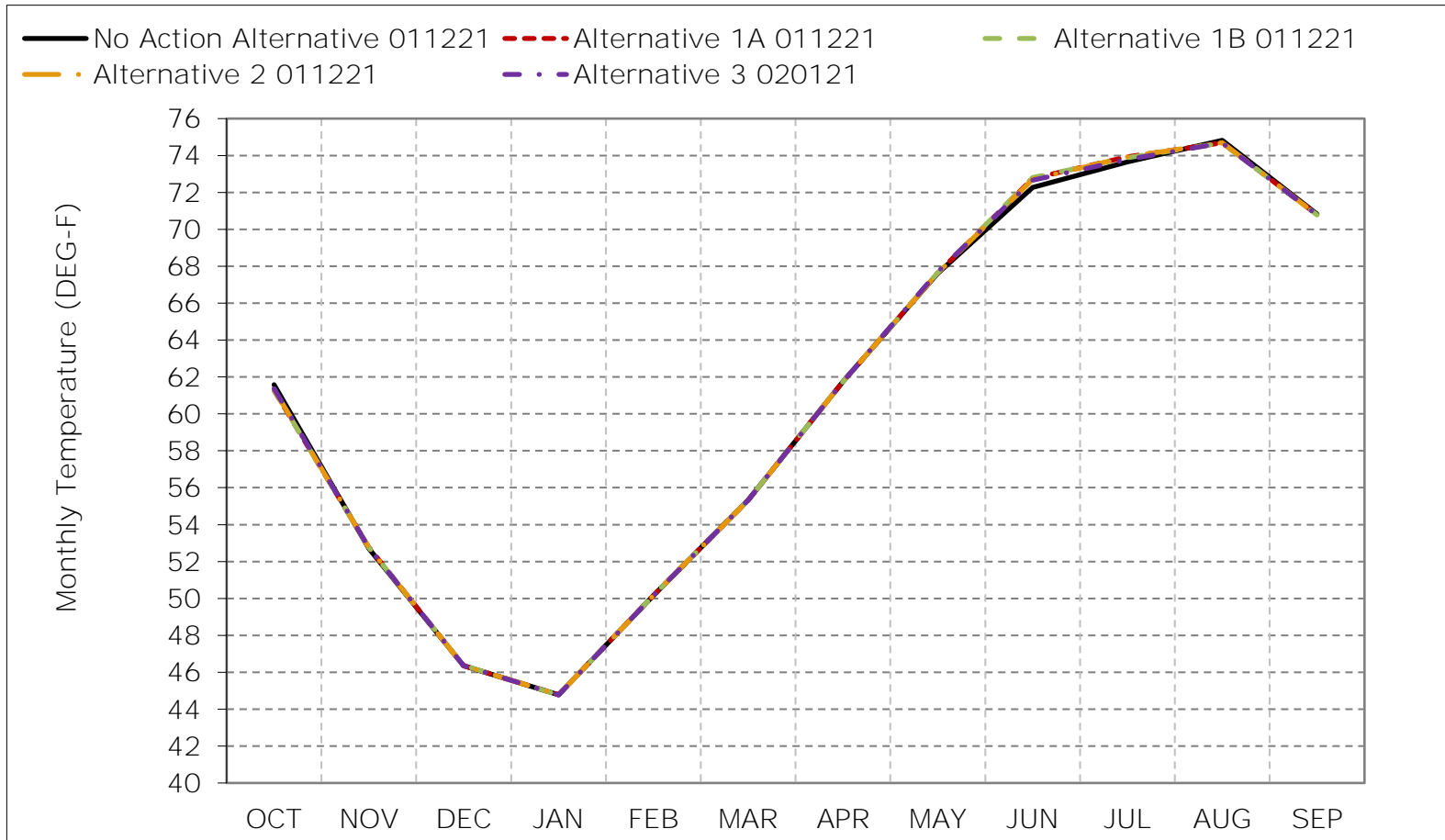


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-19-5. Feather River at Mouth, Dry Year Average Temperature



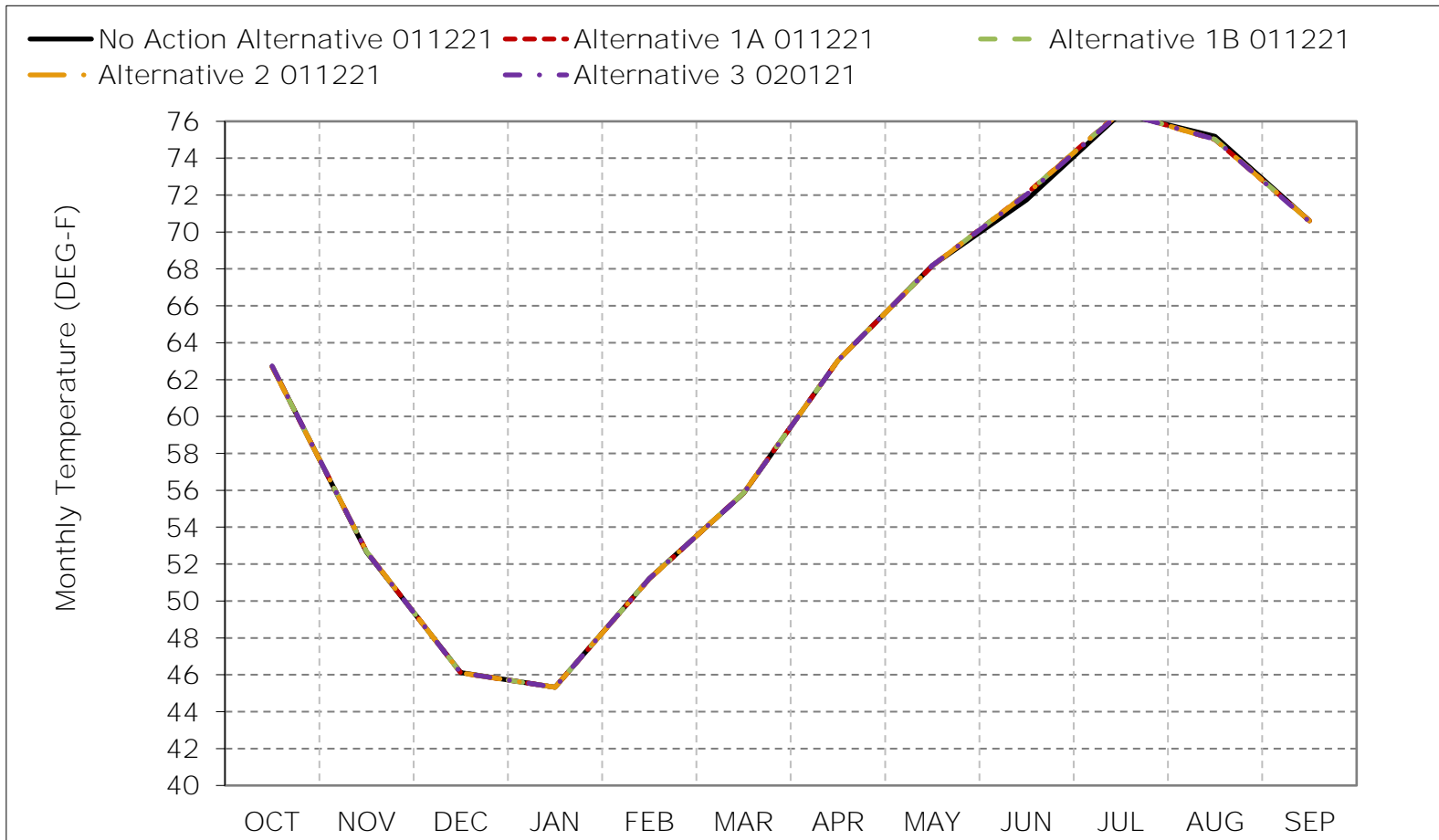
\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate and 0 cm sea level rise.



Figure 6C-19-6. Feather River at Mouth, Critical Year Average Temperature

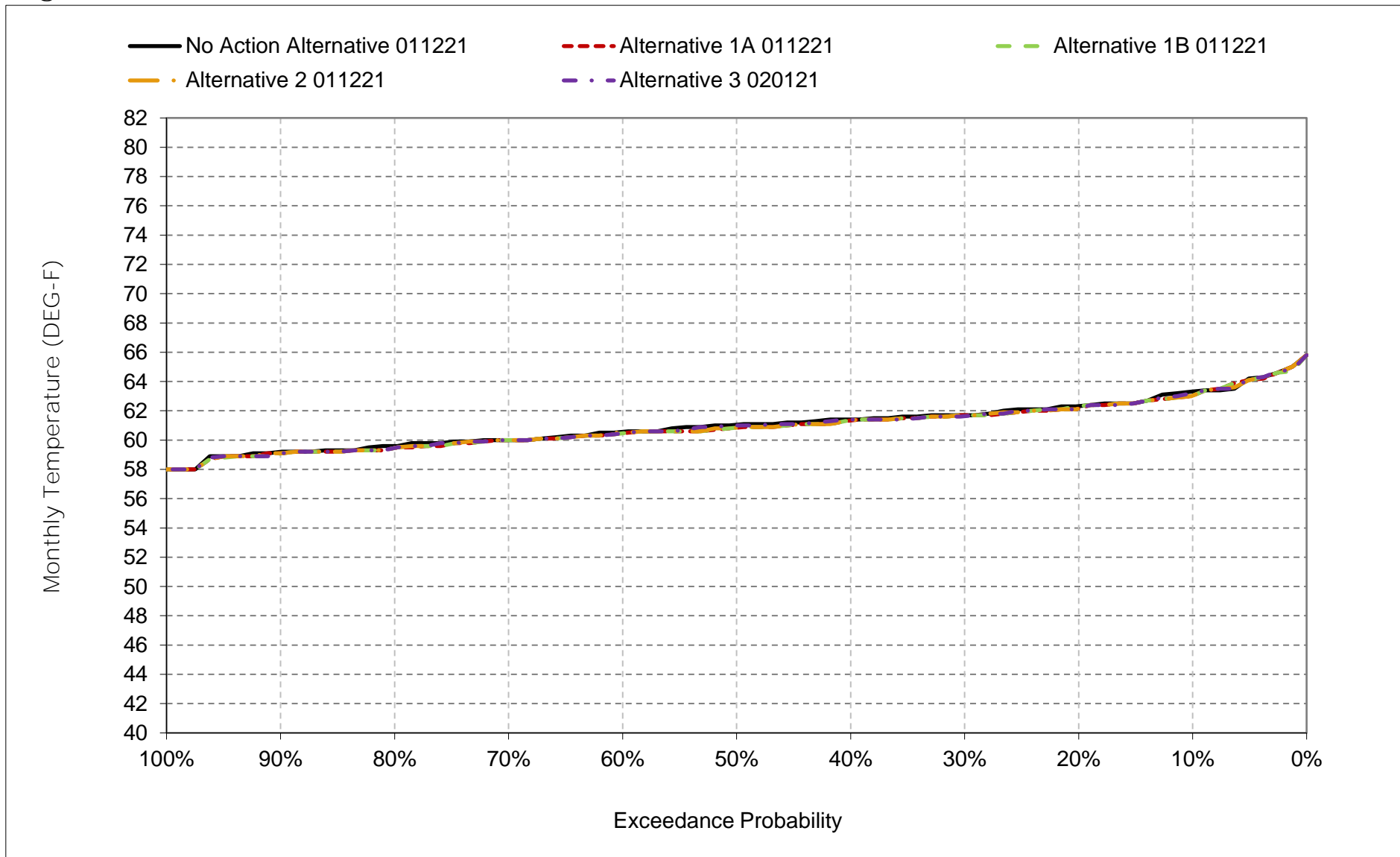


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

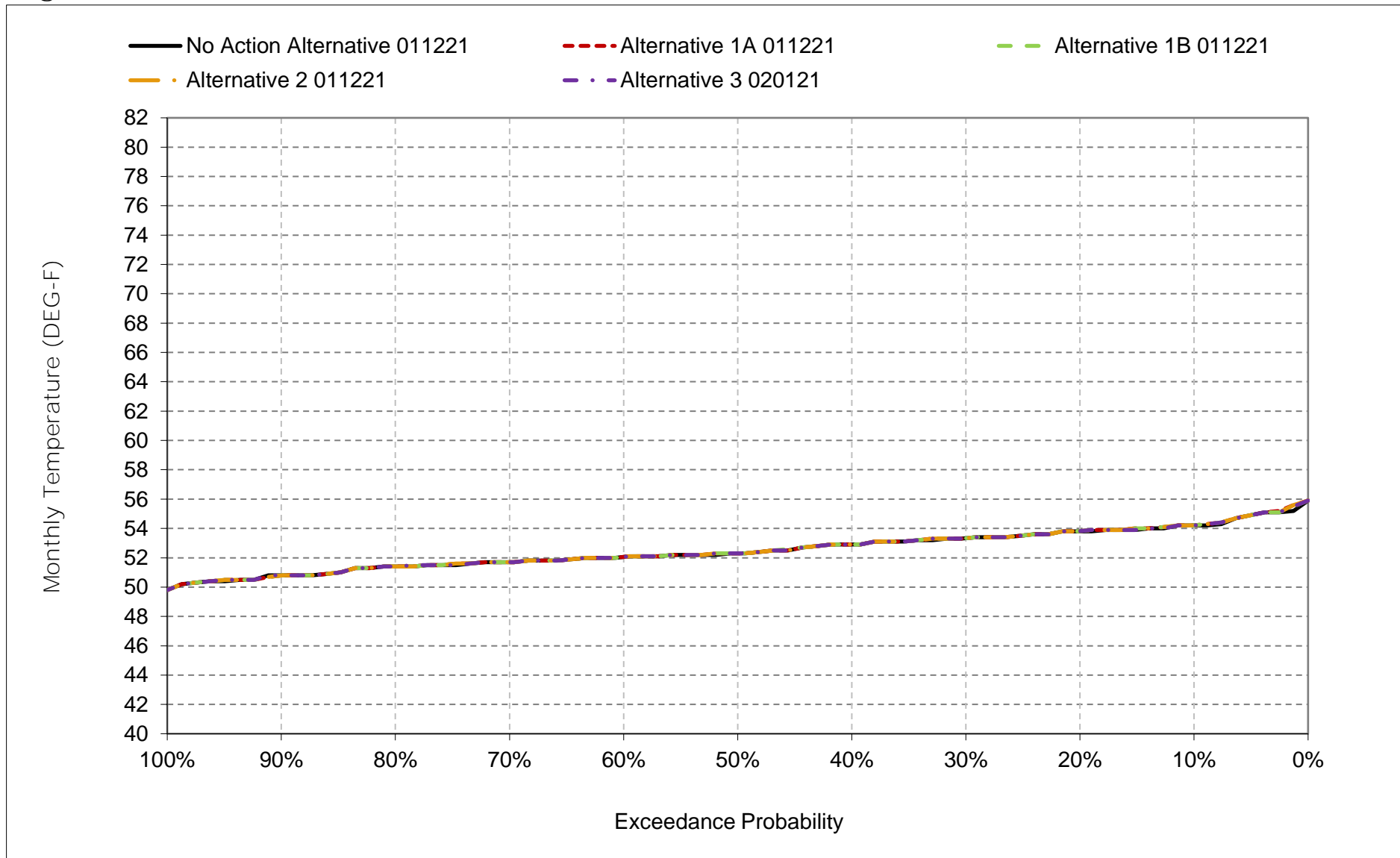
\*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-19-7. Feather River at Mouth, October



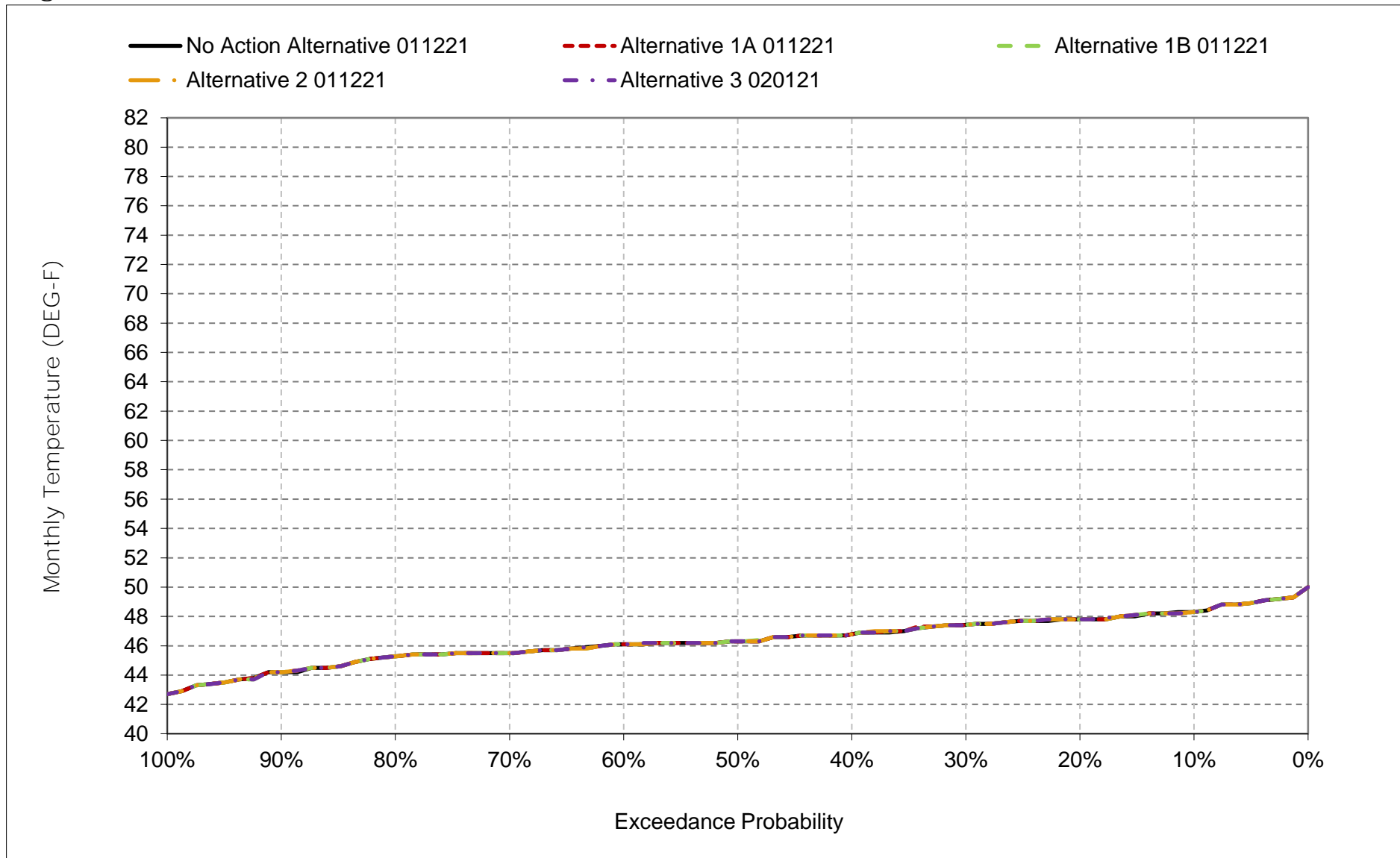
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-19-8. Feather River at Mouth, November



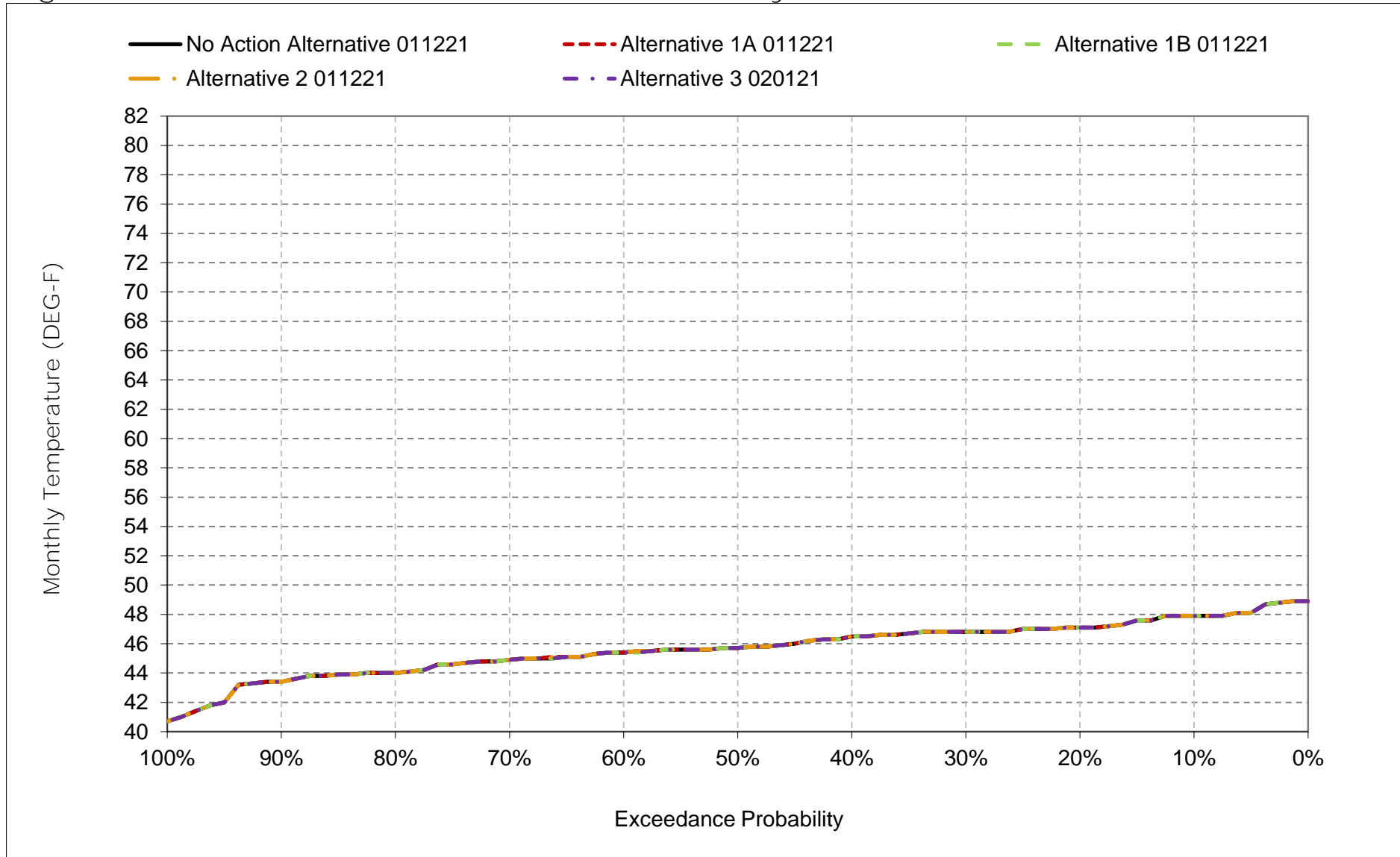
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-19-9. Feather River at Mouth, December



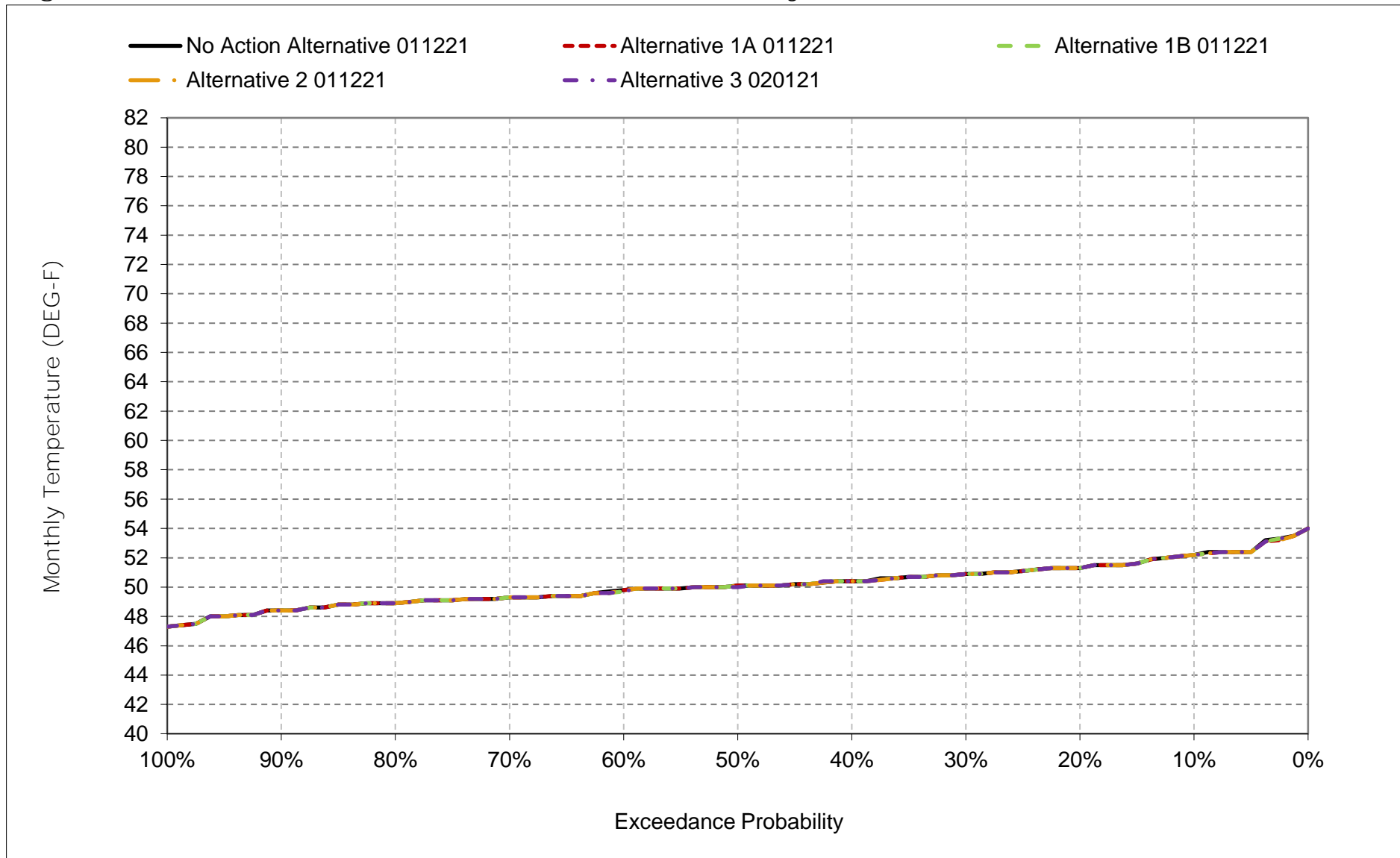
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-19-10. Feather River at Mouth, January



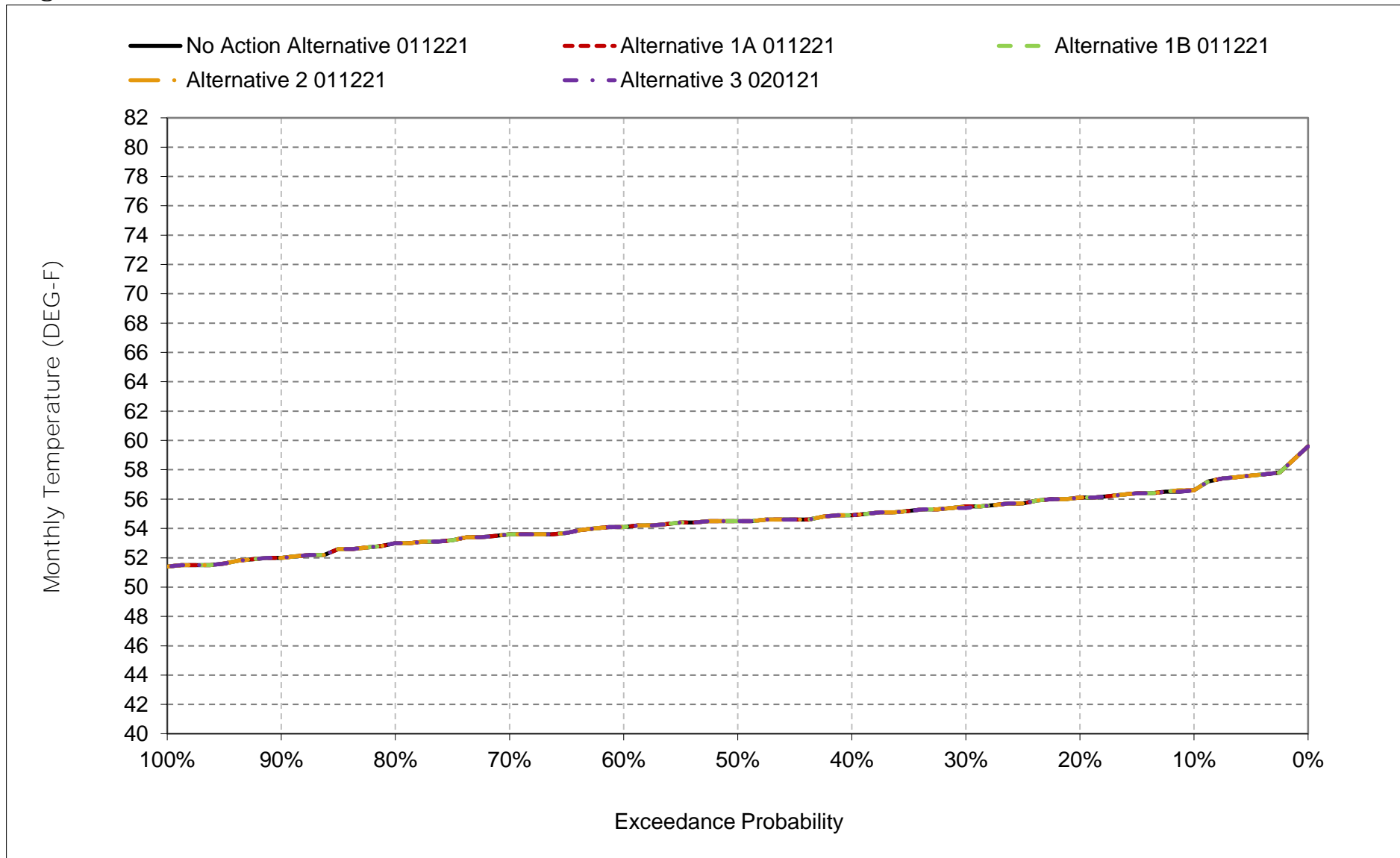
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-19-11. Feather River at Mouth, February



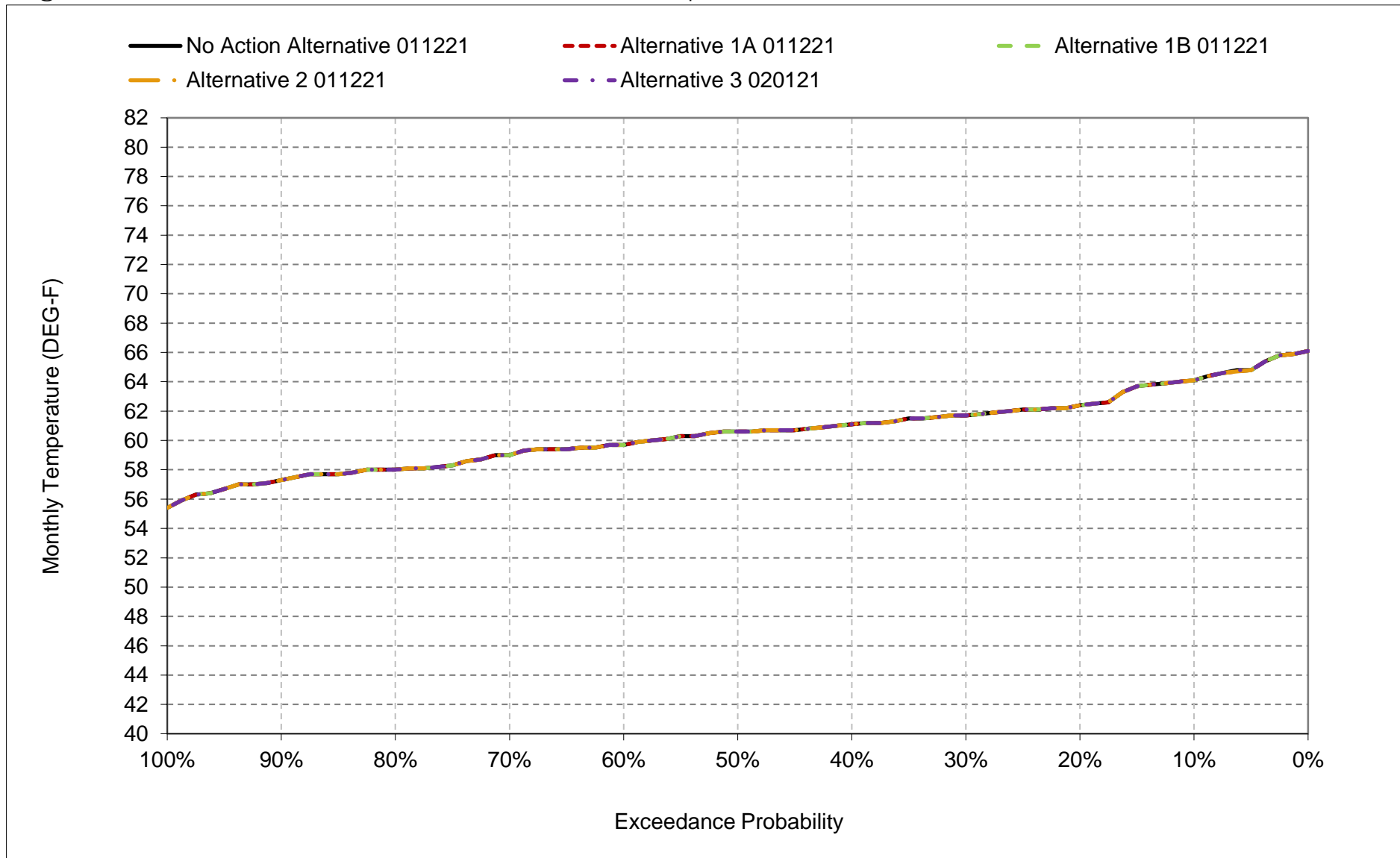
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-19-12. Feather River at Mouth, March



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

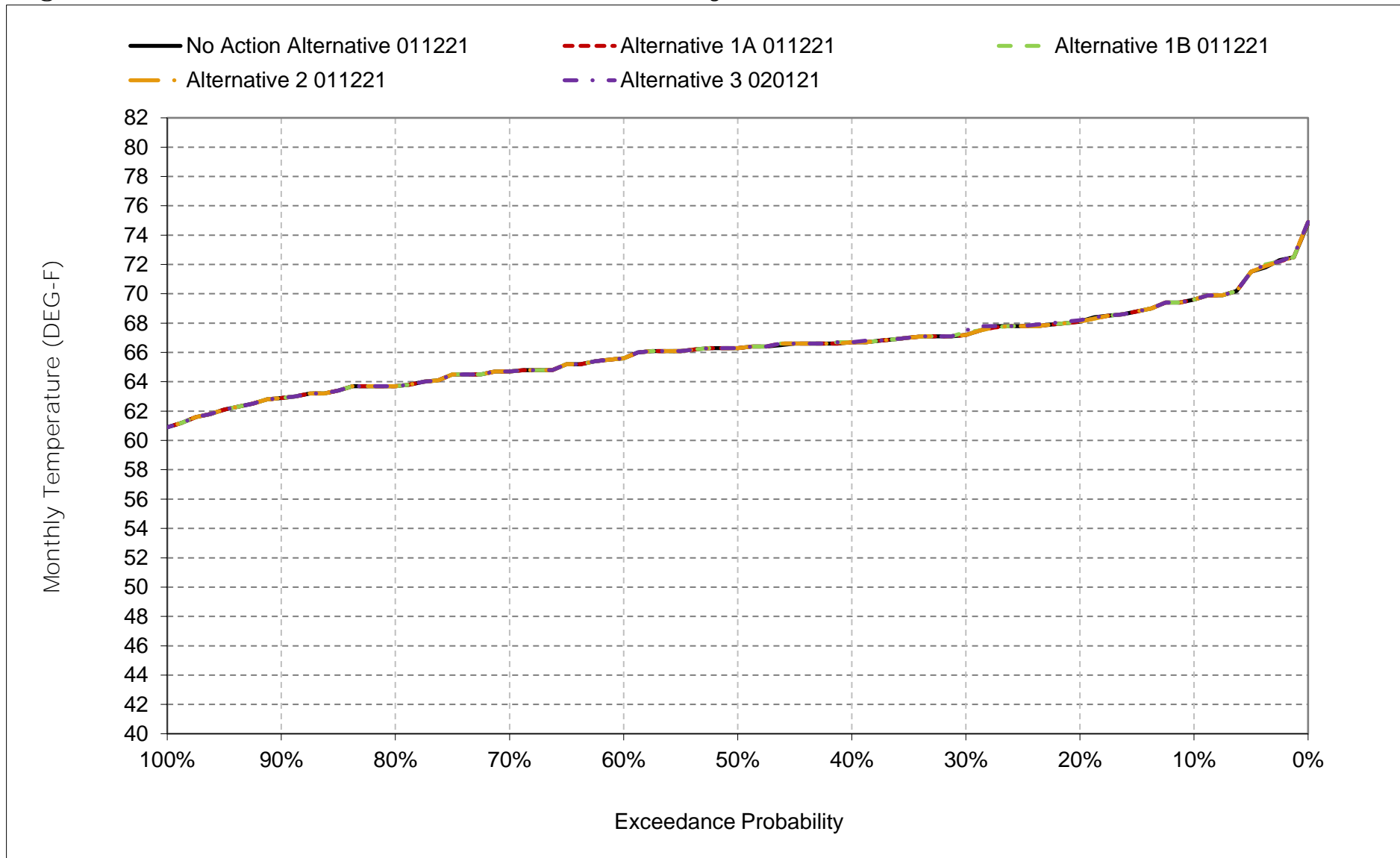
Figure 6C-19-13. Feather River at Mouth, April



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

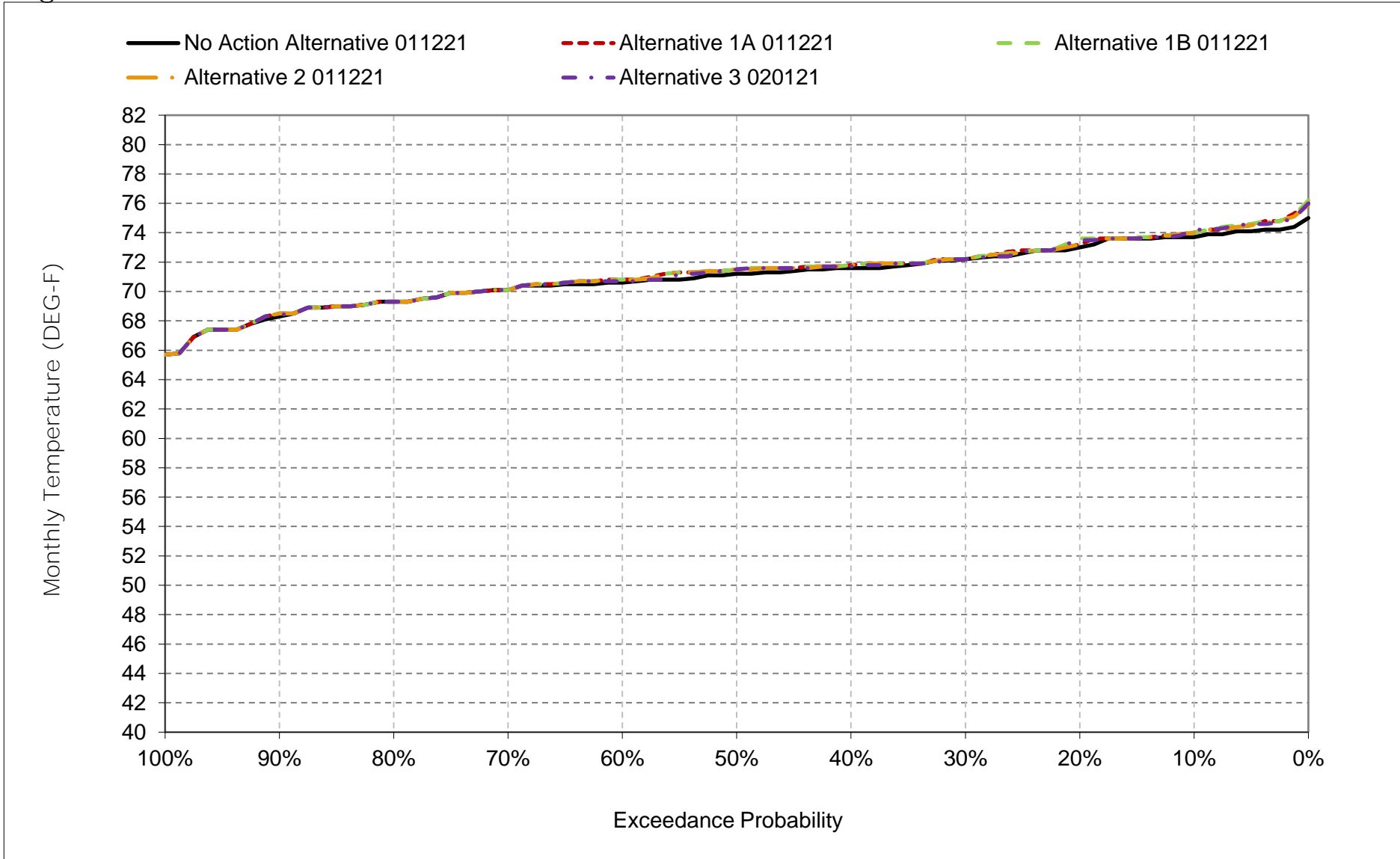


Figure 6C-19-14. Feather River at Mouth, May



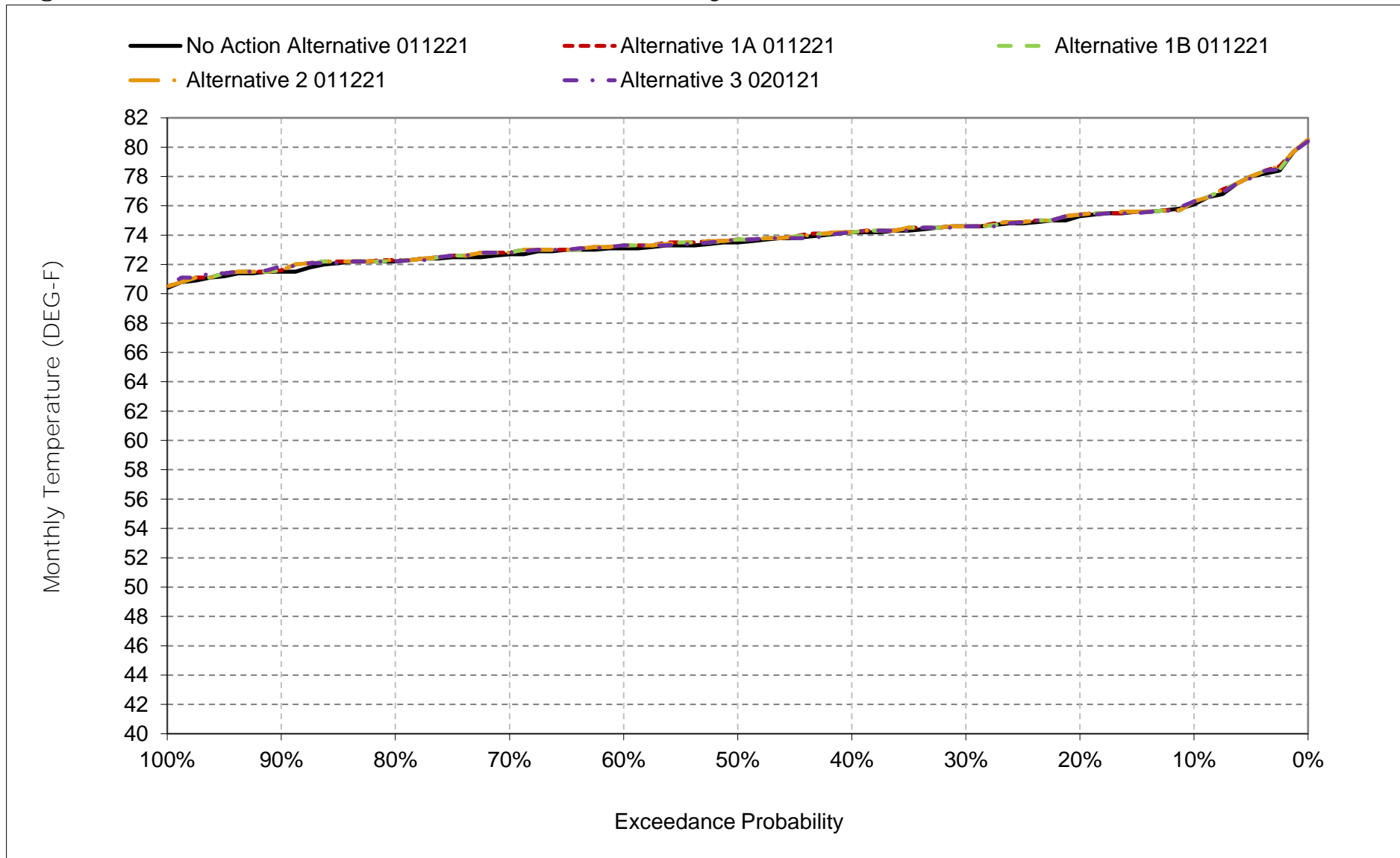
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-19-15. Feather River at Mouth, June



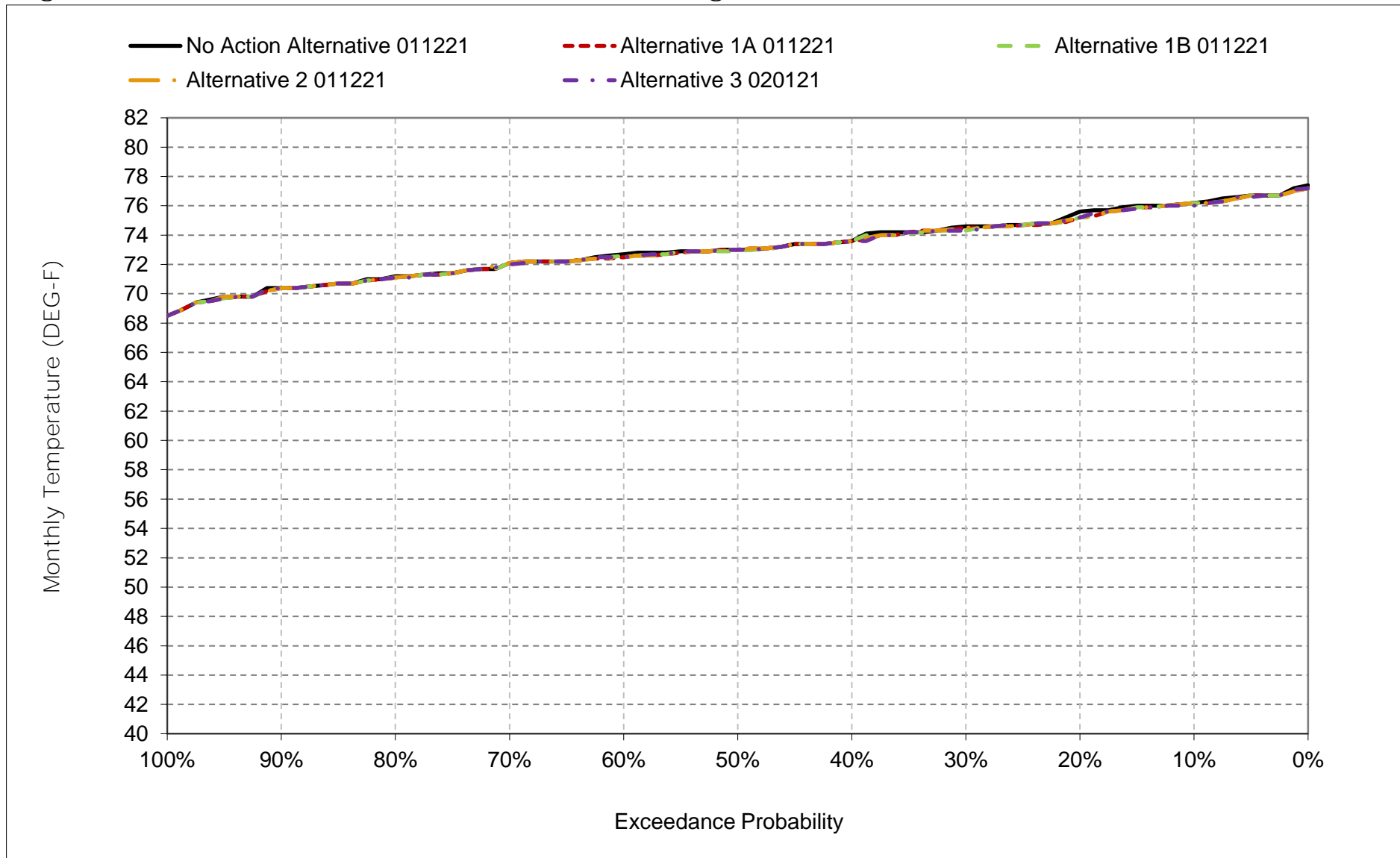
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-19-16. Feather River at Mouth, July



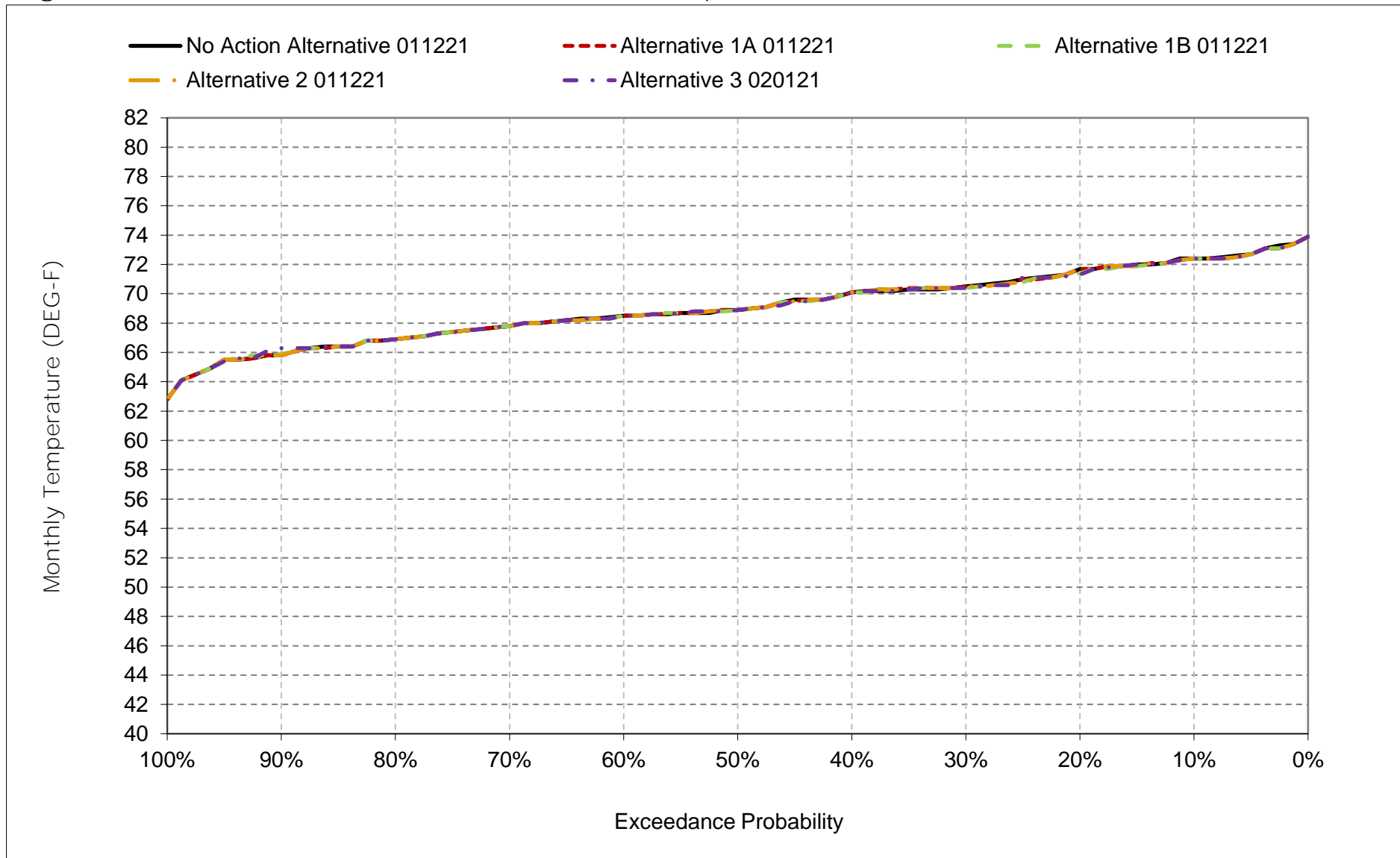
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-19-17. Feather River at Mouth, August



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-19-18. Feather River at Mouth, September



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.