

**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 051422
- Alternative 1A 051722
- Alternative 1B 051722
- Alternative 2 051722
- Alternative 3 051722

Section	Output Parameters	Table Numbers	Figure Numbers
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 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	50.8	49.3	47.0	46.2	46.6	48.8	49.3	47.7	50.8	50.8	50.3	50.5
20% Exceedance	50.4	48.7	46.7	45.7	46.3	48.4	48.7	46.9	49.8	49.9	49.6	50.0
30% Exceedance	49.5	48.2	46.2	45.2	45.9	48.0	48.5	46.6	48.9	49.4	49.0	49.0
40% Exceedance	49.2	47.6	45.9	44.7	45.7	47.7	48.3	46.2	48.3	49.0	48.7	48.6
50% Exceedance	48.5	47.3	45.5	44.6	45.4	47.3	47.9	45.8	47.9	48.5	48.4	48.2
60% Exceedance	47.9	47.0	45.4	44.5	45.1	46.8	47.7	45.3	47.4	48.2	48.2	47.5
70% Exceedance	47.4	46.6	45.0	44.1	44.8	45.9	47.4	45.0	46.9	47.9	48.0	47.3
80% Exceedance	47.1	46.4	44.7	43.9	44.4	45.3	46.9	44.7	46.5	47.5	47.6	47.0
90% Exceedance	46.5	45.8	44.3	43.5	43.8	44.6	46.0	44.3	45.4	47.0	47.1	46.6
Full Simulation Period Average^a	48.7	47.4	45.7	44.7	45.4	46.9	47.8	45.9	48.1	48.7	48.6	48.4
Wet Water Years (32%)	47.1	46.7	45.3	44.3	44.7	45.8	47.1	44.9	46.3	48.0	48.1	47.2
Above Normal Years (15%)	47.9	46.4	45.3	44.7	45.1	46.5	47.9	45.3	47.5	48.3	47.6	47.6
Below Normal Years (17%)	49.1	47.5	45.4	44.5	45.0	46.5	47.8	45.7	48.2	48.9	48.4	48.3
Dry Years (22%)	49.3	47.8	45.9	44.9	45.8	48.1	48.4	46.4	48.8	48.8	48.8	48.9
Critical (15%)	51.4	49.3	46.8	45.9	46.7	48.5	48.4	48.1	51.0	50.6	50.5	50.8

Table 6C-1-1b. Trinity River below Lewiston Dam, Alternative 1A 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	50.8	49.3	47.0	46.2	46.6	48.8	49.3	47.7	50.8	50.8	50.3	50.5
20% Exceedance	50.4	48.7	46.7	45.7	46.3	48.4	48.7	46.9	49.8	49.9	49.6	50.0
30% Exceedance	49.5	48.2	46.2	45.2	45.9	48.0	48.5	46.6	48.9	49.4	49.0	49.0
40% Exceedance	49.2	47.6	45.9	44.7	45.7	47.7	48.3	46.2	48.3	49.0	48.7	48.6
50% Exceedance	48.5	47.3	45.5	44.6	45.4	47.3	47.9	45.8	47.9	48.5	48.4	48.2
60% Exceedance	47.9	47.0	45.4	44.5	45.1	46.8	47.7	45.3	47.4	48.2	48.2	47.5
70% Exceedance	47.4	46.6	45.0	44.1	44.8	45.9	47.4	45.0	46.9	47.9	48.0	47.3
80% Exceedance	47.1	46.4	44.7	43.9	44.4	45.3	46.9	44.7	46.5	47.5	47.6	47.0
90% Exceedance	46.5	45.8	44.3	43.5	43.8	44.6	46.0	44.3	45.4	47.0	47.1	46.5
Full Simulation Period Average^a	48.7	47.4	45.7	44.7	45.4	46.9	47.8	45.9	48.1	48.7	48.6	48.4
Wet Water Years (32%)	47.1	46.7	45.3	44.3	44.7	45.8	47.1	44.9	46.3	48.0	48.1	47.2
Above Normal Years (15%)	47.9	46.4	45.3	44.7	45.1	46.5	47.9	45.3	47.5	48.3	47.6	47.6
Below Normal Years (17%)	49.1	47.5	45.4	44.5	45.0	46.5	47.8	45.7	48.2	48.9	48.4	48.3
Dry Years (22%)	49.3	47.8	45.9	44.9	45.8	48.1	48.4	46.4	48.8	48.8	48.8	48.9
Critical (15%)	51.4	49.3	46.8	45.9	46.7	48.5	48.4	48.1	51.0	50.6	50.5	50.8

Table 6C-1-1c. Trinity River below Lewiston Dam, Alternative 1A 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (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 Years (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 Years (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.

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

* 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.

Table 6C-1-2a. Trinity River below Lewiston Dam, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	50.8	49.3	47.0	46.2	46.6	48.8	49.3	47.7	50.8	50.8	50.3	50.5
20% Exceedance	50.4	48.7	46.7	45.7	46.3	48.4	48.7	46.9	49.8	49.9	49.6	50.0
30% Exceedance	49.5	48.2	46.2	45.2	45.9	48.0	48.5	46.6	48.9	49.4	49.0	49.0
40% Exceedance	49.2	47.6	45.9	44.7	45.7	47.7	48.3	46.2	48.3	49.0	48.7	48.6
50% Exceedance	48.5	47.3	45.5	44.6	45.4	47.3	47.9	45.8	47.9	48.5	48.4	48.2
60% Exceedance	47.9	47.0	45.4	44.5	45.1	46.8	47.7	45.3	47.4	48.2	48.2	47.5
70% Exceedance	47.4	46.6	45.0	44.1	44.8	45.9	47.4	45.0	46.9	47.9	48.0	47.3
80% Exceedance	47.1	46.4	44.7	43.9	44.4	45.3	46.9	44.7	46.5	47.5	47.6	47.0
90% Exceedance	46.5	45.8	44.3	43.5	43.8	44.6	46.0	44.3	45.4	47.0	47.1	46.6
Full Simulation Period Average^a	48.7	47.4	45.7	44.7	45.4	46.9	47.8	45.9	48.1	48.7	48.6	48.4
Wet Water Years (32%)	47.1	46.7	45.3	44.3	44.7	45.8	47.1	44.9	46.3	48.0	48.1	47.2
Above Normal Years (15%)	47.9	46.4	45.3	44.7	45.1	46.5	47.9	45.3	47.5	48.3	47.6	47.6
Below Normal Years (17%)	49.1	47.5	45.4	44.5	45.0	46.5	47.8	45.7	48.2	48.9	48.4	48.3
Dry Years (22%)	49.3	47.8	45.9	44.9	45.8	48.1	48.4	46.4	48.8	48.8	48.8	48.9
Critical (15%)	51.4	49.3	46.8	45.9	46.7	48.5	48.4	48.1	51.0	50.6	50.5	50.8

Table 6C-1-2b. Trinity River below Lewiston Dam, Alternative 1B 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	50.8	49.3	47.0	46.2	46.6	48.8	49.3	47.7	50.8	50.8	50.3	50.5
20% Exceedance	50.4	48.7	46.7	45.7	46.3	48.4	48.7	46.9	49.8	49.9	49.6	50.0
30% Exceedance	49.5	48.2	46.2	45.2	45.9	48.0	48.5	46.6	48.9	49.4	49.0	49.0
40% Exceedance	49.2	47.6	45.9	44.7	45.7	47.7	48.3	46.2	48.3	49.0	48.7	48.6
50% Exceedance	48.5	47.3	45.5	44.6	45.4	47.3	47.9	45.8	47.9	48.5	48.4	48.2
60% Exceedance	47.9	47.0	45.4	44.5	45.1	46.8	47.7	45.3	47.4	48.2	48.2	47.5
70% Exceedance	47.4	46.6	45.0	44.1	44.8	45.9	47.4	45.0	46.9	47.9	48.0	47.3
80% Exceedance	47.1	46.4	44.7	43.9	44.4	45.3	46.9	44.7	46.5	47.5	47.6	47.0
90% Exceedance	46.5	45.8	44.3	43.5	43.8	44.6	46.0	44.3	45.4	47.0	47.1	46.5
Full Simulation Period Average^a	48.7	47.4	45.7	44.7	45.4	46.9	47.8	45.9	48.1	48.7	48.6	48.4
Wet Water Years (32%)	47.1	46.7	45.3	44.3	44.7	45.8	47.1	44.9	46.3	48.0	48.1	47.2
Above Normal Years (15%)	47.9	46.4	45.3	44.7	45.1	46.5	47.9	45.3	47.5	48.3	47.6	47.6
Below Normal Years (17%)	49.1	47.5	45.4	44.5	45.0	46.5	47.8	45.7	48.2	48.9	48.4	48.3
Dry Years (22%)	49.3	47.8	45.9	44.9	45.8	48.1	48.4	46.4	48.8	48.8	48.8	48.9
Critical (15%)	51.4	49.3	46.8	45.9	46.7	48.5	48.4	48.1	51.0	50.6	50.5	50.8

Table 6C-1-2c. Trinity River below Lewiston Dam, Alternative 1B 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (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 Years (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 Years (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.

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

* 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.

Table 6C-1-3a. Trinity River below Lewiston Dam, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	50.8	49.3	47.0	46.2	46.6	48.8	49.3	47.7	50.8	50.8	50.3	50.5
20% Exceedance	50.4	48.7	46.7	45.7	46.3	48.4	48.7	46.9	49.8	49.9	49.6	50.0
30% Exceedance	49.5	48.2	46.2	45.2	45.9	48.0	48.5	46.6	48.9	49.4	49.0	49.0
40% Exceedance	49.2	47.6	45.9	44.7	45.7	47.7	48.3	46.2	48.3	49.0	48.7	48.6
50% Exceedance	48.5	47.3	45.5	44.6	45.4	47.3	47.9	45.8	47.9	48.5	48.4	48.2
60% Exceedance	47.9	47.0	45.4	44.5	45.1	46.8	47.7	45.3	47.4	48.2	48.2	47.5
70% Exceedance	47.4	46.6	45.0	44.1	44.8	45.9	47.4	45.0	46.9	47.9	48.0	47.3
80% Exceedance	47.1	46.4	44.7	43.9	44.4	45.3	46.9	44.7	46.5	47.5	47.6	47.0
90% Exceedance	46.5	45.8	44.3	43.5	43.8	44.6	46.0	44.3	45.4	47.0	47.1	46.6
Full Simulation Period Average^a	48.7	47.4	45.7	44.7	45.4	46.9	47.8	45.9	48.1	48.7	48.6	48.4
Wet Water Years (32%)	47.1	46.7	45.3	44.3	44.7	45.8	47.1	44.9	46.3	48.0	48.1	47.2
Above Normal Years (15%)	47.9	46.4	45.3	44.7	45.1	46.5	47.9	45.3	47.5	48.3	47.6	47.6
Below Normal Years (17%)	49.1	47.5	45.4	44.5	45.0	46.5	47.8	45.7	48.2	48.9	48.4	48.3
Dry Years (22%)	49.3	47.8	45.9	44.9	45.8	48.1	48.4	46.4	48.8	48.8	48.8	48.9
Critical (15%)	51.4	49.3	46.8	45.9	46.7	48.5	48.4	48.1	51.0	50.6	50.5	50.8

Table 6C-1-3b. Trinity River below Lewiston Dam, Alternative 2 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	50.8	49.3	47.0	46.2	46.6	48.8	49.3	47.7	50.8	50.8	50.3	50.5
20% Exceedance	50.4	48.7	46.7	45.7	46.3	48.4	48.7	46.9	49.8	49.9	49.6	50.0
30% Exceedance	49.5	48.2	46.2	45.2	45.9	48.0	48.5	46.6	48.9	49.4	49.0	49.0
40% Exceedance	49.2	47.6	45.9	44.7	45.7	47.7	48.3	46.2	48.3	49.0	48.7	48.6
50% Exceedance	48.5	47.3	45.5	44.6	45.4	47.3	47.9	45.8	47.9	48.5	48.4	48.2
60% Exceedance	47.9	47.0	45.4	44.5	45.1	46.8	47.7	45.3	47.4	48.2	48.2	47.5
70% Exceedance	47.4	46.6	45.0	44.1	44.8	45.9	47.4	45.0	46.9	47.9	48.0	47.3
80% Exceedance	47.1	46.4	44.7	43.9	44.4	45.3	46.9	44.7	46.5	47.5	47.6	47.0
90% Exceedance	46.5	45.8	44.3	43.5	43.8	44.6	46.0	44.3	45.4	47.0	47.1	46.5
Full Simulation Period Average^a	48.7	47.4	45.7	44.7	45.4	46.9	47.8	45.9	48.1	48.7	48.6	48.4
Wet Water Years (32%)	47.1	46.7	45.3	44.3	44.7	45.8	47.1	44.9	46.3	48.0	48.1	47.2
Above Normal Years (15%)	47.9	46.4	45.3	44.7	45.1	46.5	47.9	45.3	47.5	48.3	47.6	47.6
Below Normal Years (17%)	49.1	47.5	45.4	44.5	45.0	46.5	47.8	45.7	48.2	48.9	48.4	48.3
Dry Years (22%)	49.3	47.8	45.9	44.9	45.8	48.1	48.4	46.4	48.8	48.8	48.8	48.9
Critical (15%)	51.4	49.3	46.8	45.9	46.7	48.5	48.4	48.1	51.0	50.6	50.5	50.8

Table 6C-1-3c. Trinity River below Lewiston Dam, Alternative 2 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (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 Years (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 Years (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.

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

* 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.

Table 6C-1-4a. Trinity River below Lewiston Dam, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	50.8	49.3	47.0	46.2	46.6	48.8	49.3	47.7	50.8	50.8	50.3	50.5
20% Exceedance	50.4	48.7	46.7	45.7	46.3	48.4	48.7	46.9	49.8	49.9	49.6	50.0
30% Exceedance	49.5	48.2	46.2	45.2	45.9	48.0	48.5	46.6	48.9	49.4	49.0	49.0
40% Exceedance	49.2	47.6	45.9	44.7	45.7	47.7	48.3	46.2	48.3	49.0	48.7	48.6
50% Exceedance	48.5	47.3	45.5	44.6	45.4	47.3	47.9	45.8	47.9	48.5	48.4	48.2
60% Exceedance	47.9	47.0	45.4	44.5	45.1	46.8	47.7	45.3	47.4	48.2	48.2	47.5
70% Exceedance	47.4	46.6	45.0	44.1	44.8	45.9	47.4	45.0	46.9	47.9	48.0	47.3
80% Exceedance	47.1	46.4	44.7	43.9	44.4	45.3	46.9	44.7	46.5	47.5	47.6	47.0
90% Exceedance	46.5	45.8	44.3	43.5	43.8	44.6	46.0	44.3	45.4	47.0	47.1	46.6
Full Simulation Period Average^a	48.7	47.4	45.7	44.7	45.4	46.9	47.8	45.9	48.1	48.7	48.6	48.4
Wet Water Years (32%)	47.1	46.7	45.3	44.3	44.7	45.8	47.1	44.9	46.3	48.0	48.1	47.2
Above Normal Years (15%)	47.9	46.4	45.3	44.7	45.1	46.5	47.9	45.3	47.5	48.3	47.6	47.6
Below Normal Years (17%)	49.1	47.5	45.4	44.5	45.0	46.5	47.8	45.7	48.2	48.9	48.4	48.3
Dry Years (22%)	49.3	47.8	45.9	44.9	45.8	48.1	48.4	46.4	48.8	48.8	48.8	48.9
Critical (15%)	51.4	49.3	46.8	45.9	46.7	48.5	48.4	48.1	51.0	50.6	50.5	50.8

Table 6C-1-4b. Trinity River below Lewiston Dam, Alternative 3 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	50.8	49.3	47.0	46.2	46.6	48.8	49.3	47.7	50.8	50.8	50.3	50.5
20% Exceedance	50.4	48.7	46.7	45.7	46.3	48.4	48.7	46.9	49.8	49.9	49.6	50.0
30% Exceedance	49.5	48.2	46.2	45.2	45.9	48.0	48.5	46.6	48.9	49.4	49.0	49.0
40% Exceedance	49.2	47.6	45.9	44.7	45.7	47.7	48.3	46.2	48.3	49.0	48.7	48.6
50% Exceedance	48.5	47.3	45.5	44.6	45.4	47.3	47.9	45.8	47.9	48.5	48.4	48.2
60% Exceedance	47.9	47.0	45.4	44.5	45.1	46.8	47.7	45.3	47.4	48.2	48.2	47.5
70% Exceedance	47.4	46.6	45.0	44.1	44.8	45.9	47.4	45.0	46.9	47.9	48.0	47.3
80% Exceedance	47.1	46.4	44.7	43.9	44.4	45.3	46.9	44.7	46.5	47.5	47.6	47.0
90% Exceedance	46.5	45.8	44.3	43.5	43.8	44.6	46.0	44.3	45.4	47.0	47.1	46.5
Full Simulation Period Average^a	48.7	47.4	45.7	44.7	45.4	46.9	47.8	45.9	48.1	48.7	48.6	48.4
Wet Water Years (32%)	47.1	46.7	45.3	44.3	44.7	45.8	47.1	44.9	46.3	48.0	48.1	47.2
Above Normal Years (15%)	47.9	46.4	45.3	44.7	45.1	46.5	47.9	45.3	47.5	48.3	47.6	47.6
Below Normal Years (17%)	49.1	47.5	45.4	44.5	45.0	46.5	47.8	45.7	48.2	48.9	48.4	48.3
Dry Years (22%)	49.3	47.8	45.9	44.9	45.8	48.1	48.4	46.4	48.8	48.8	48.8	48.9
Critical (15%)	51.4	49.3	46.8	45.9	46.7	48.5	48.4	48.1	51.0	50.6	50.5	50.8

Table 6C-1-4c. Trinity River below Lewiston Dam, Alternative 3 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (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 Years (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 Years (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

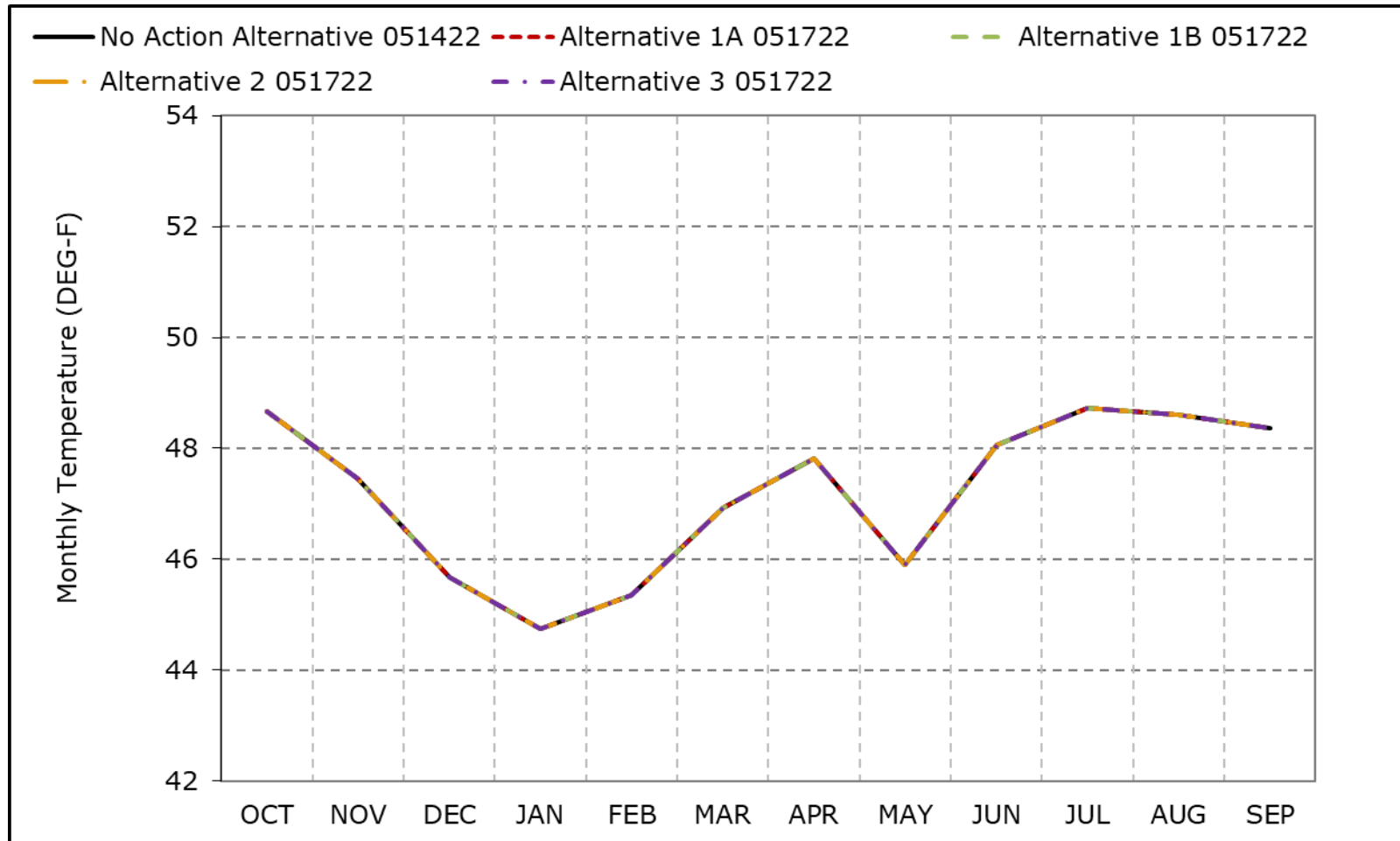
^a Based on the 82-year simulation period.

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

* 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.

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

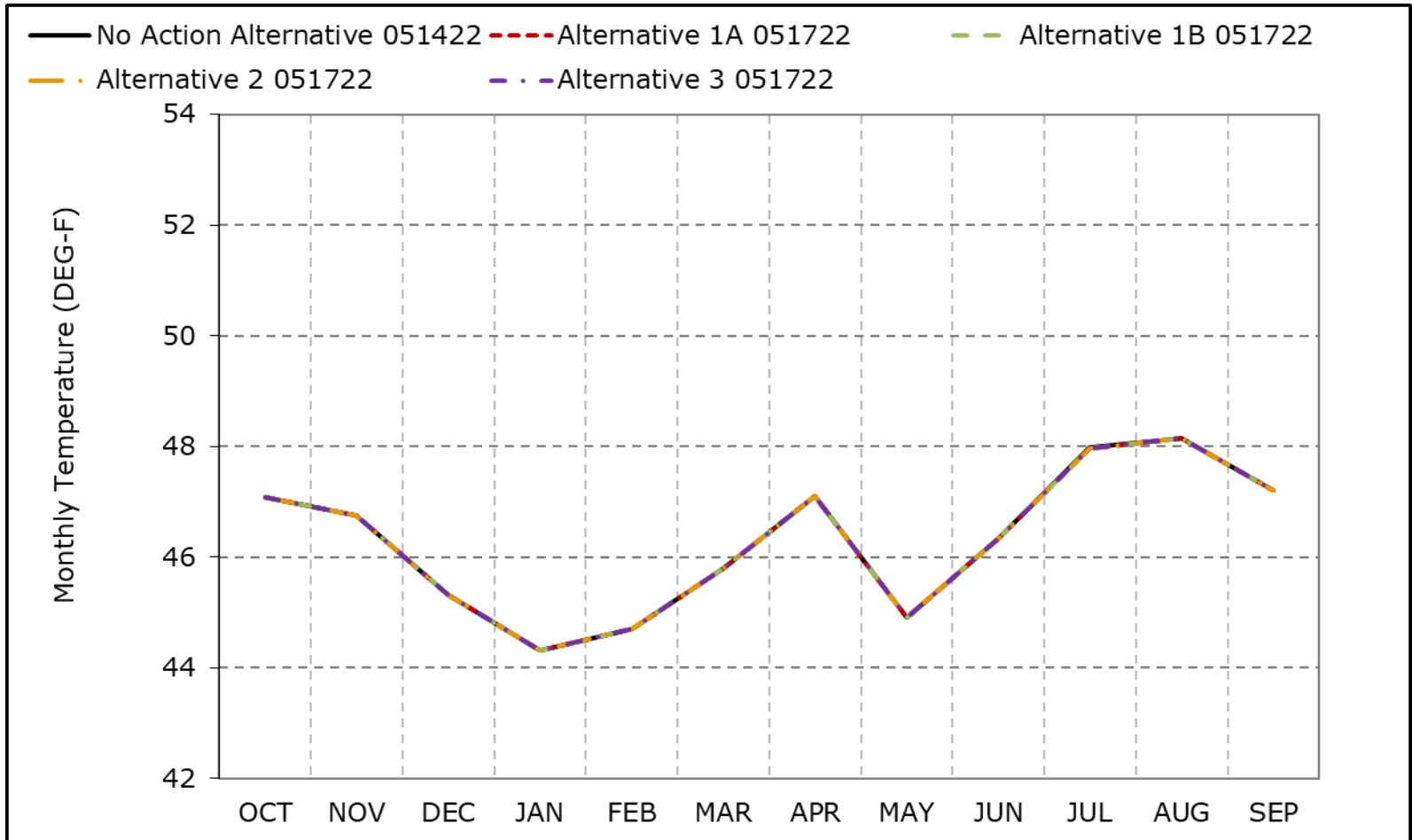


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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

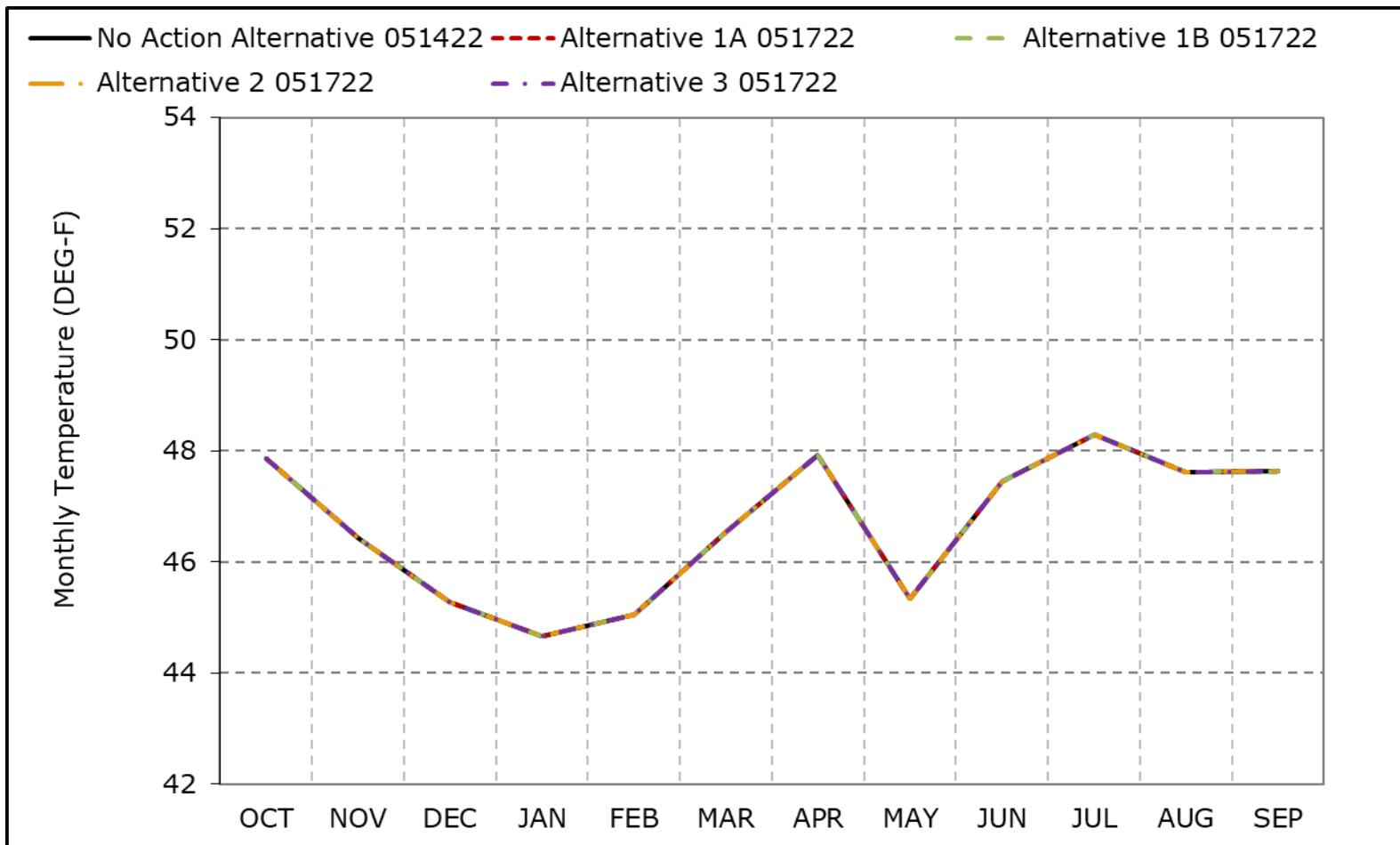


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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 Temperature

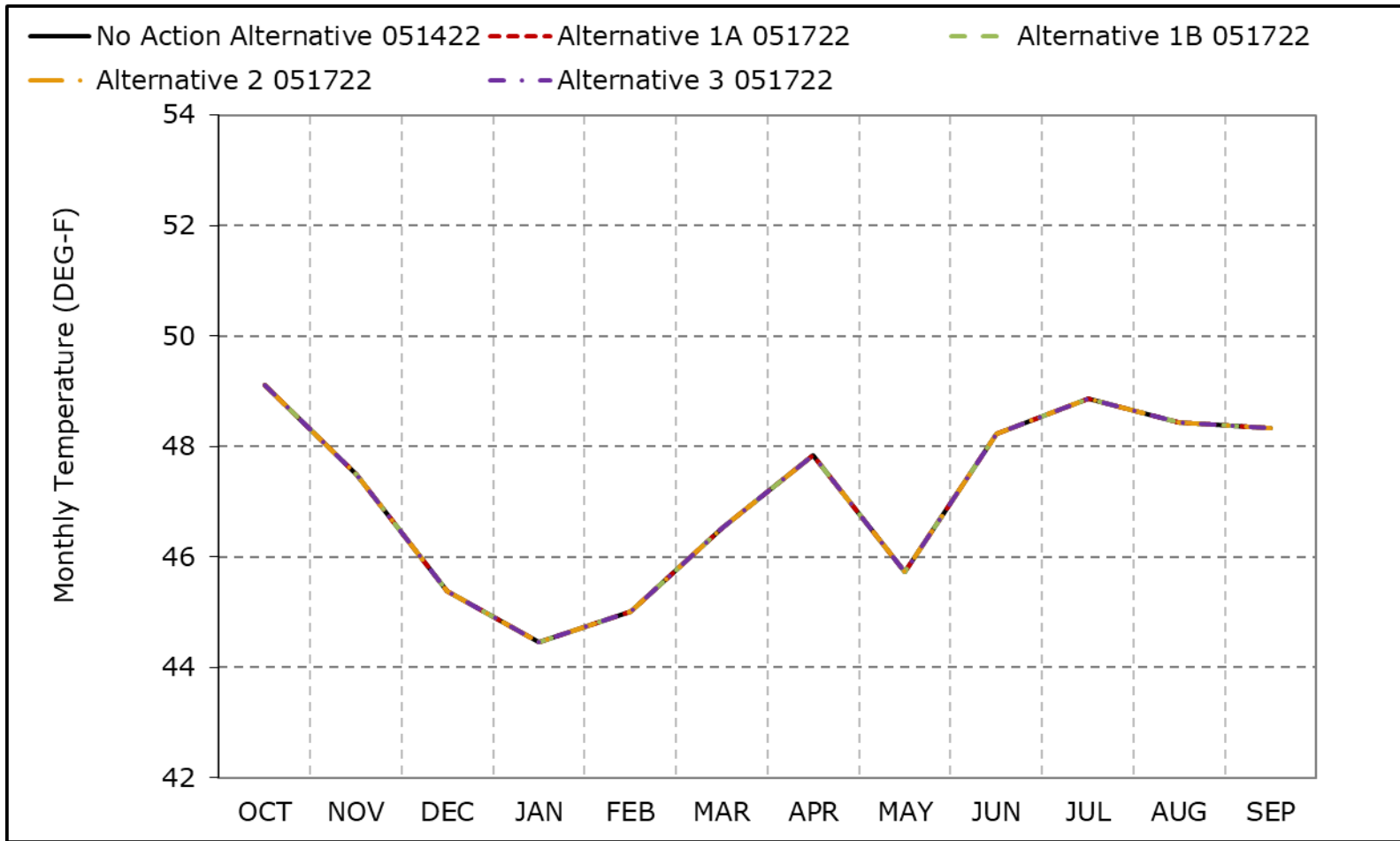


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

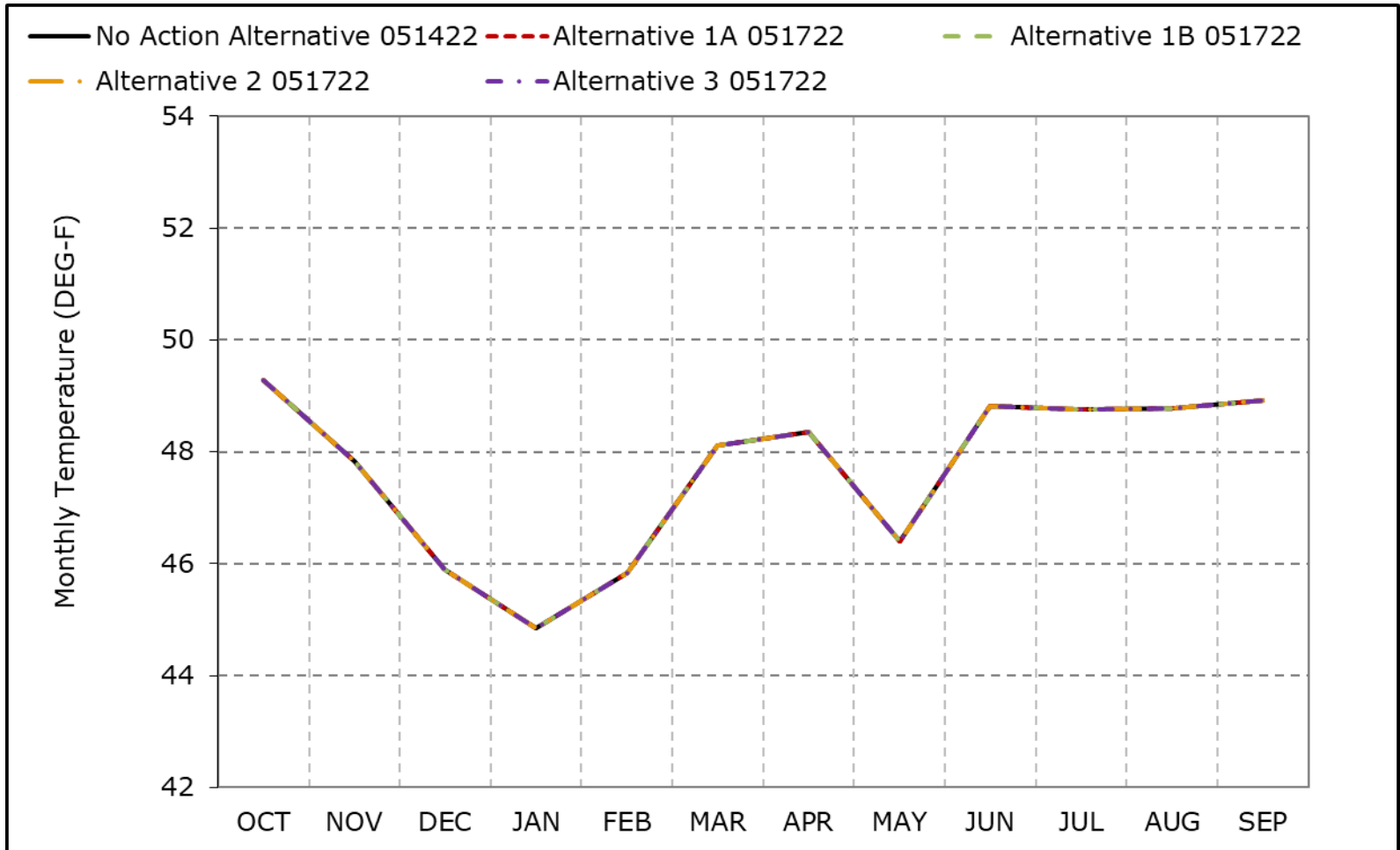
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-1-4. Trinity River below Lewiston Dam, 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-1-5. Trinity River below Lewiston Dam, Dry Year Average Temperature

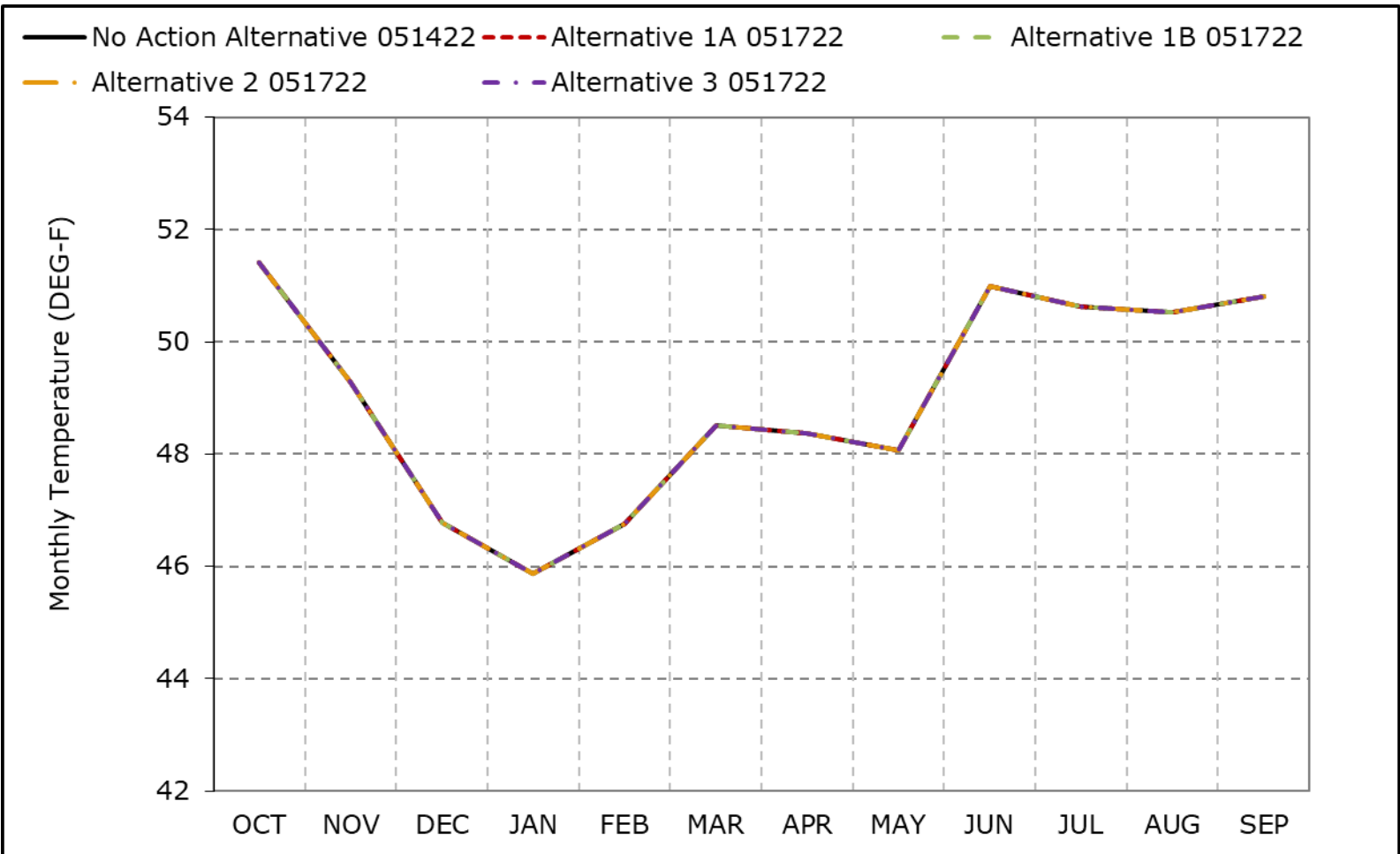


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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

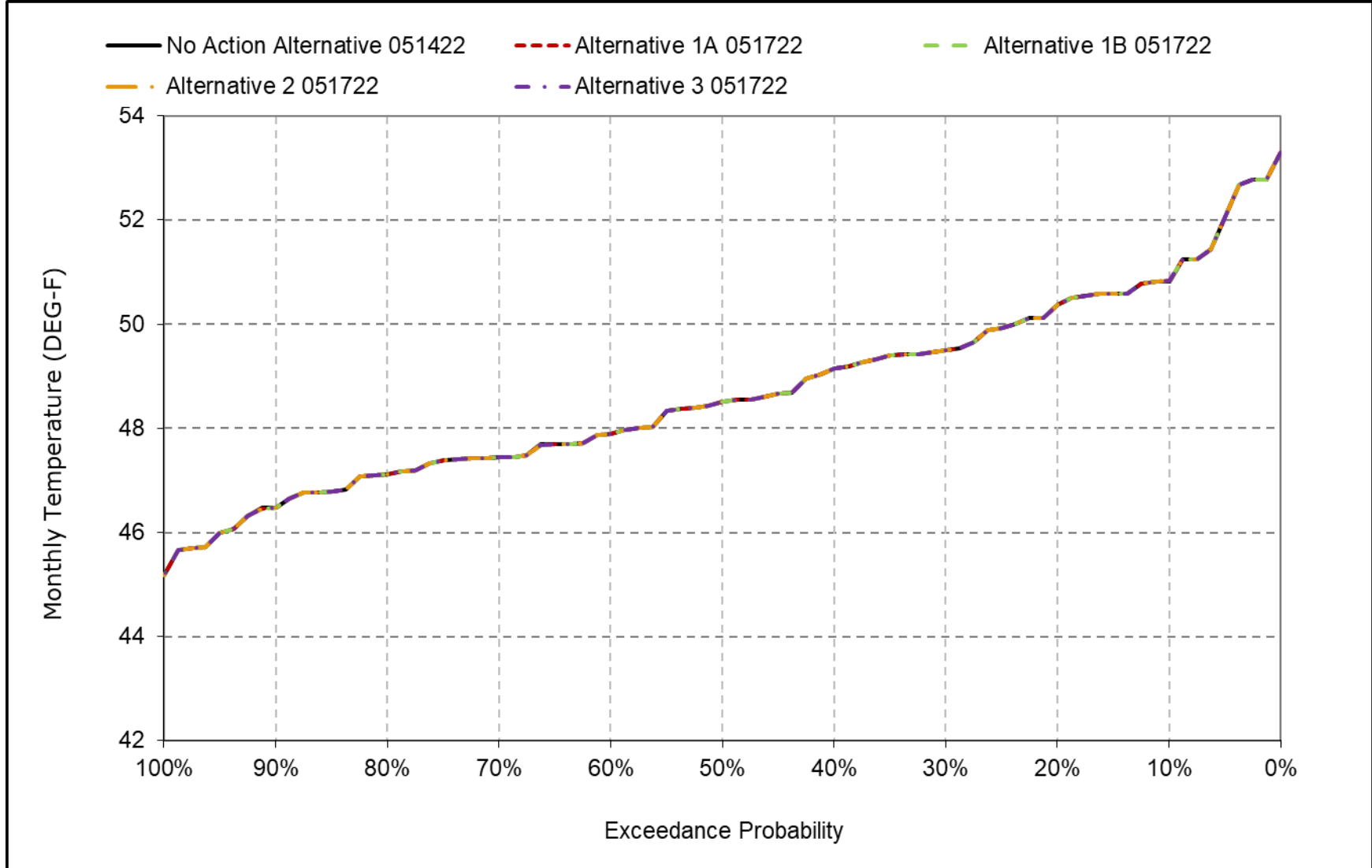


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

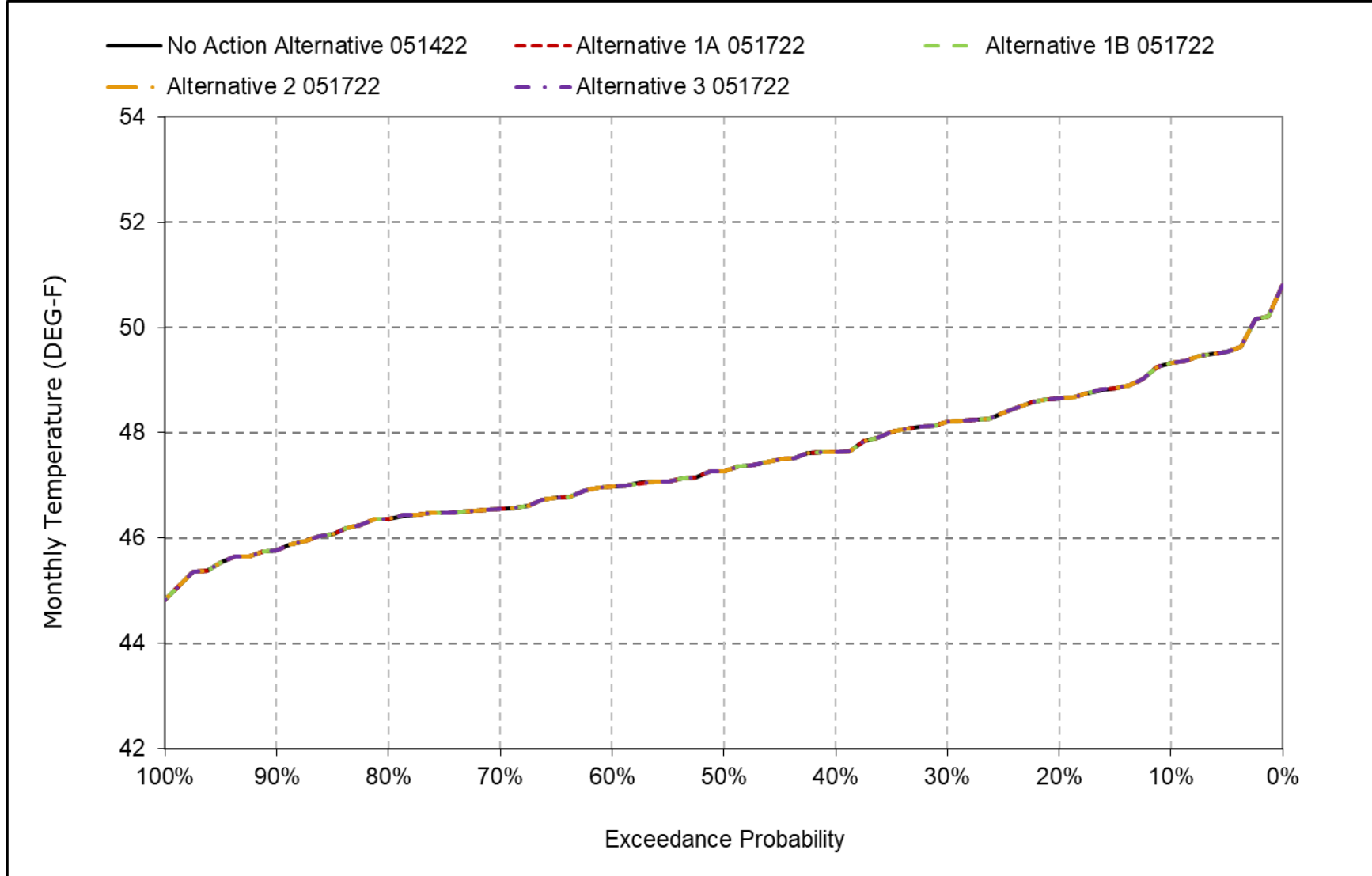
*All scenarios are simulated at current climate and 0 cm sea level rise.

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



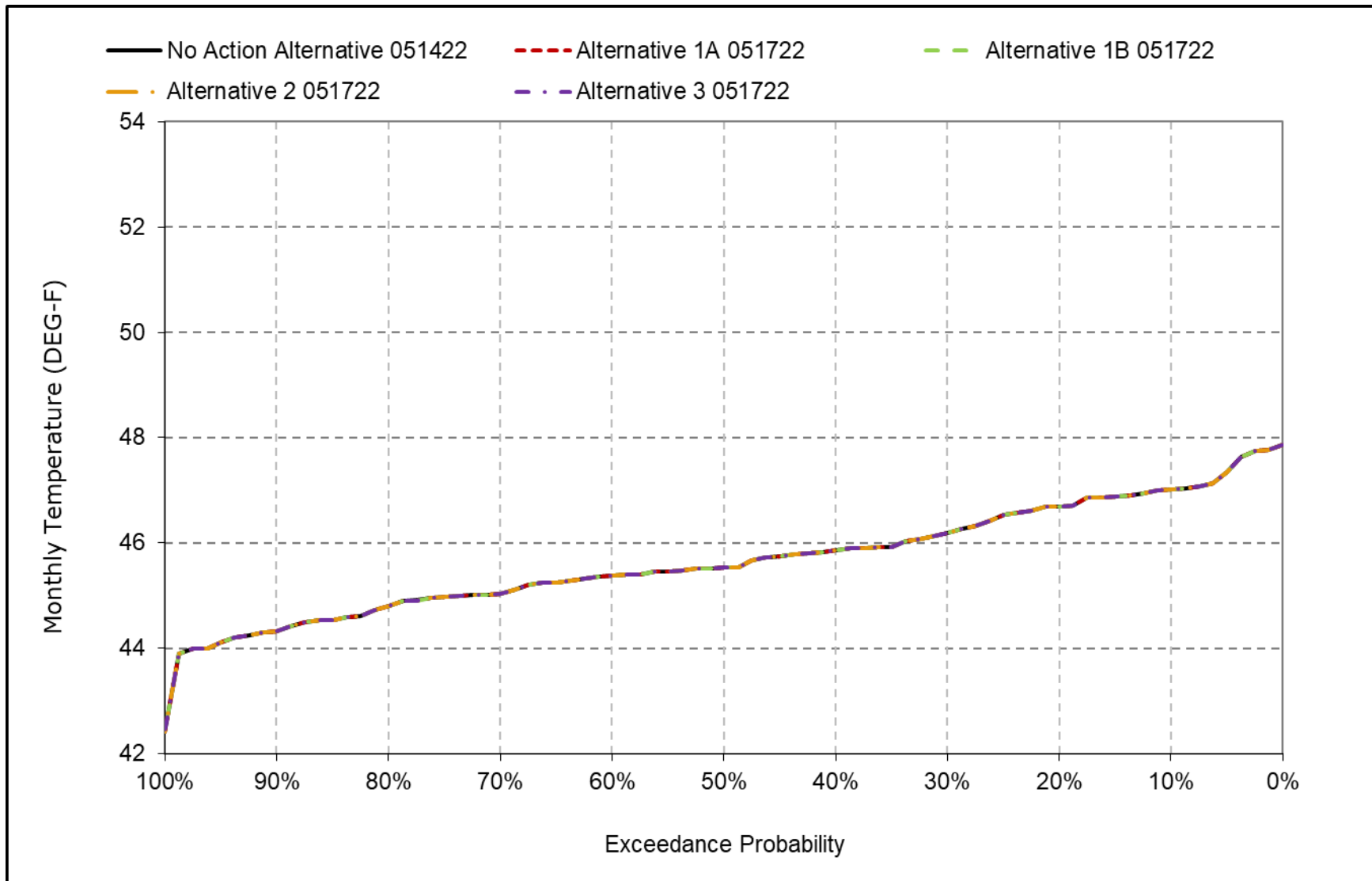
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



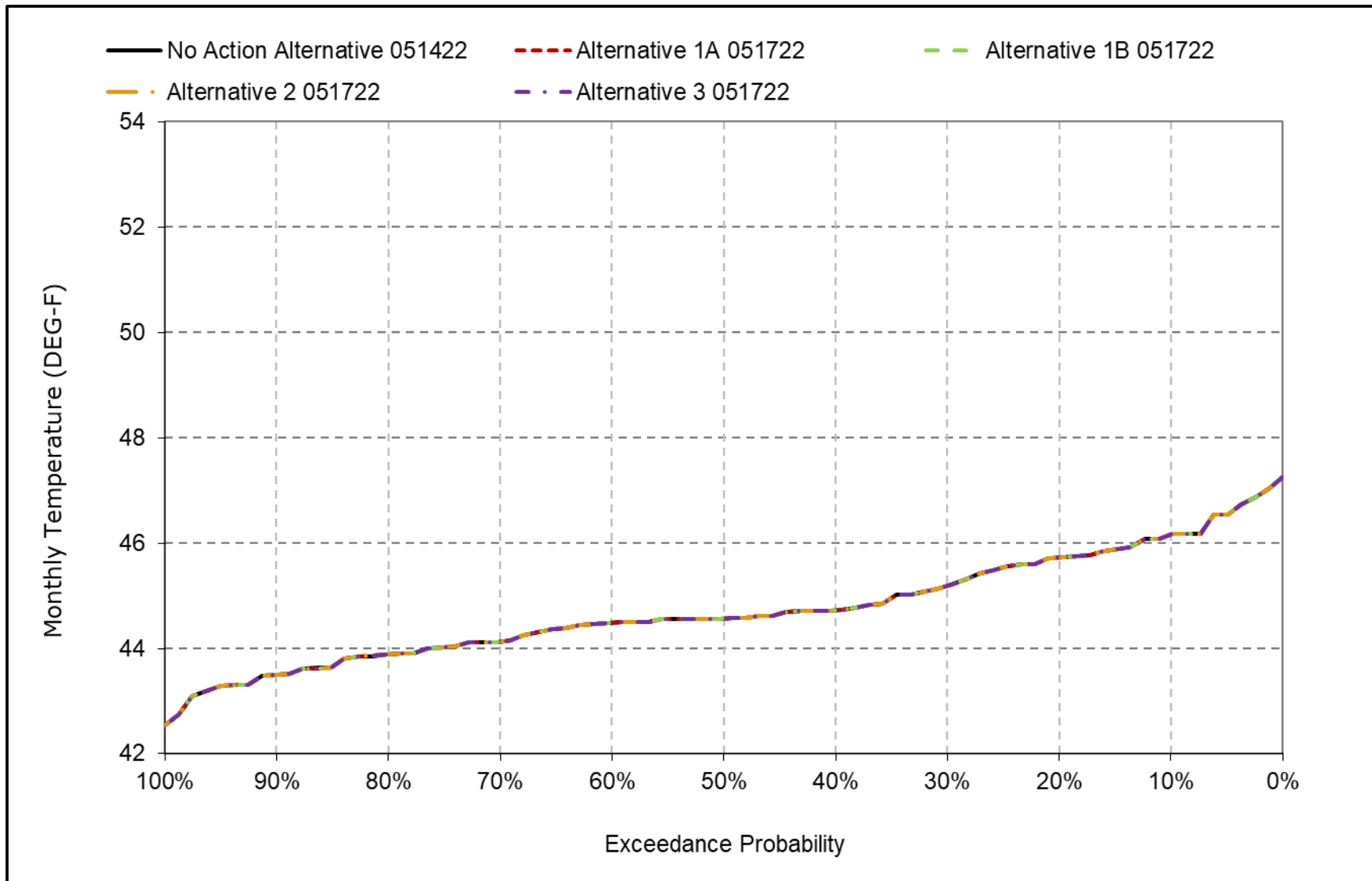
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



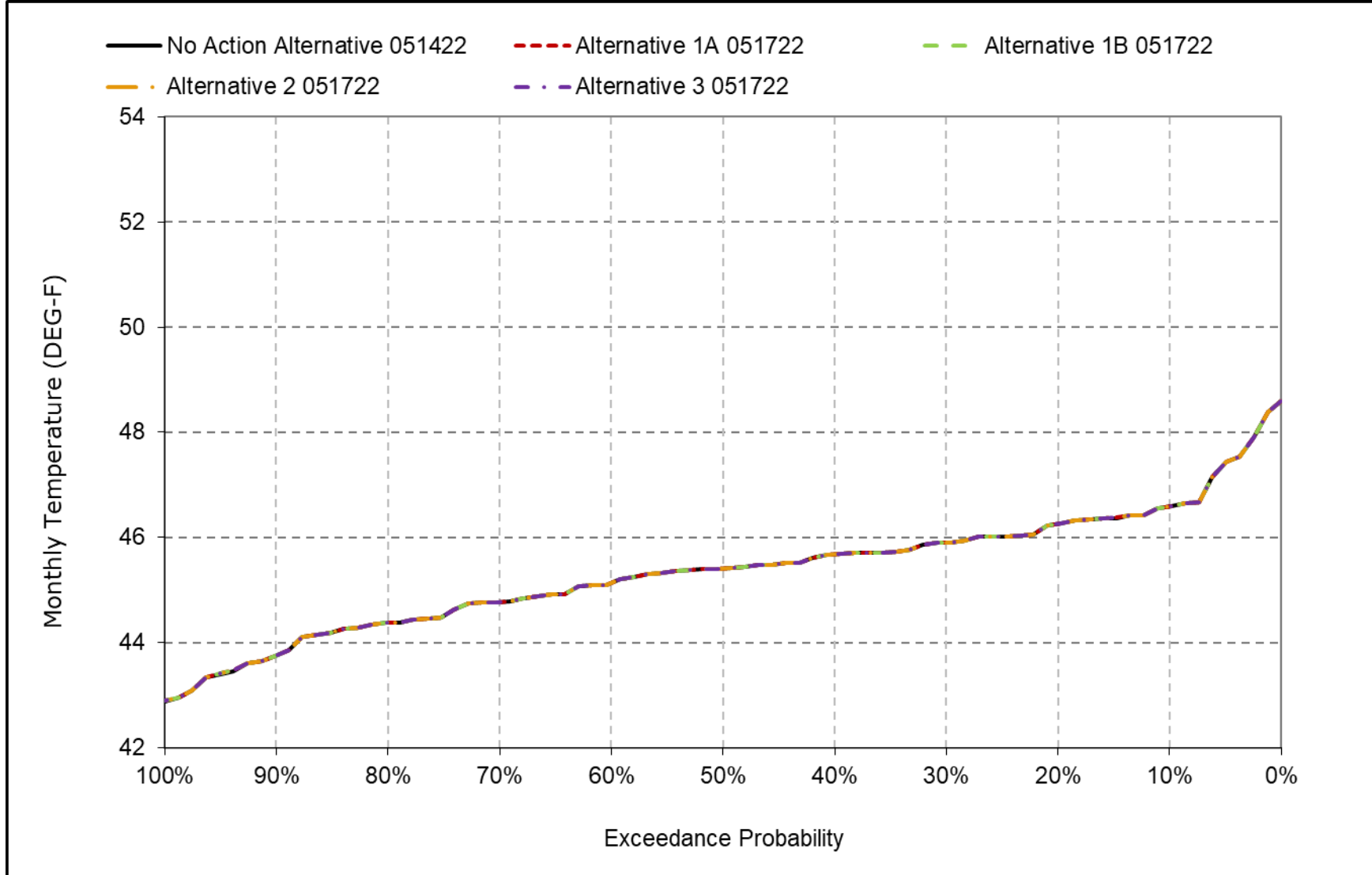
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



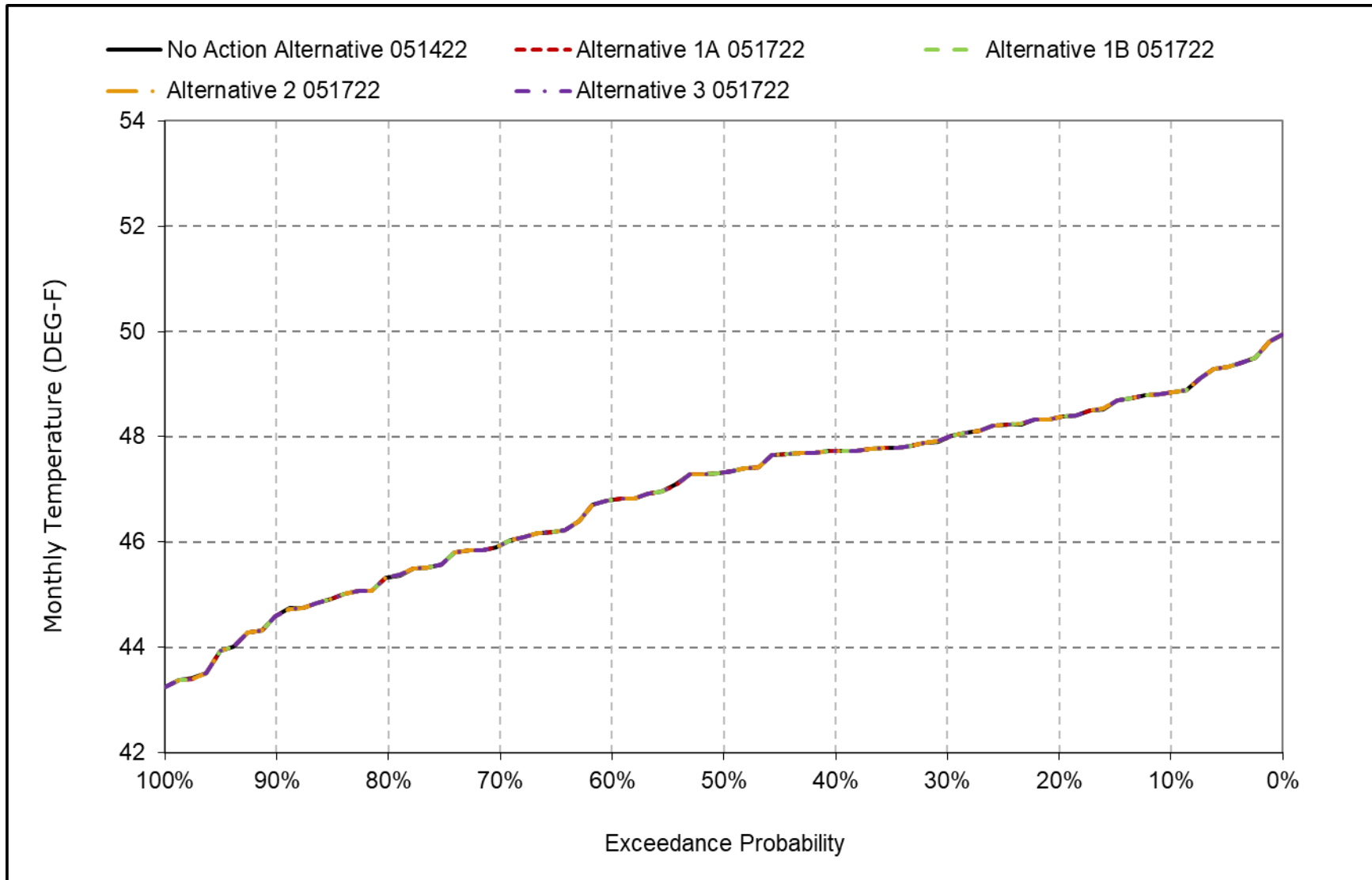
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



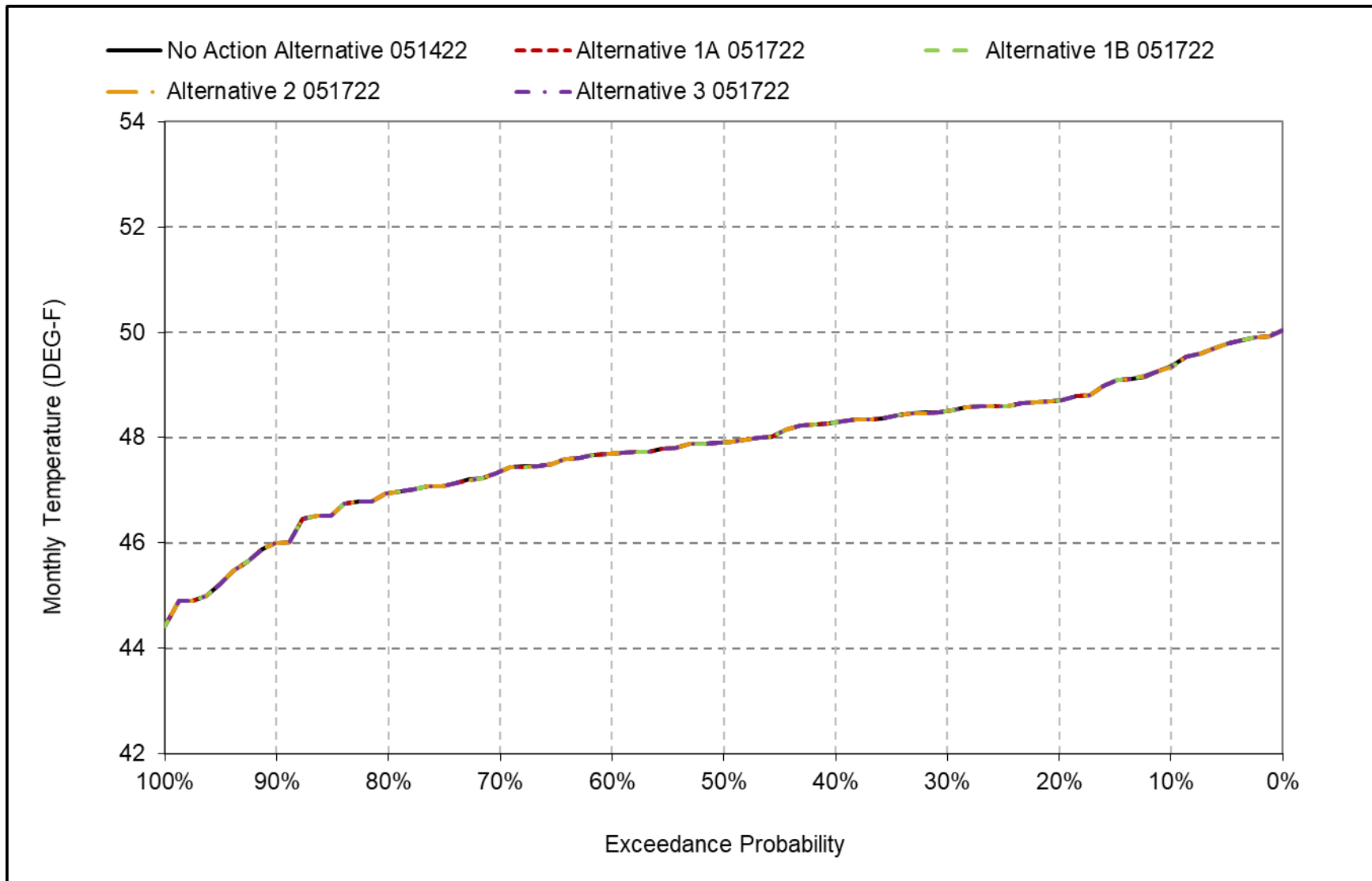
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



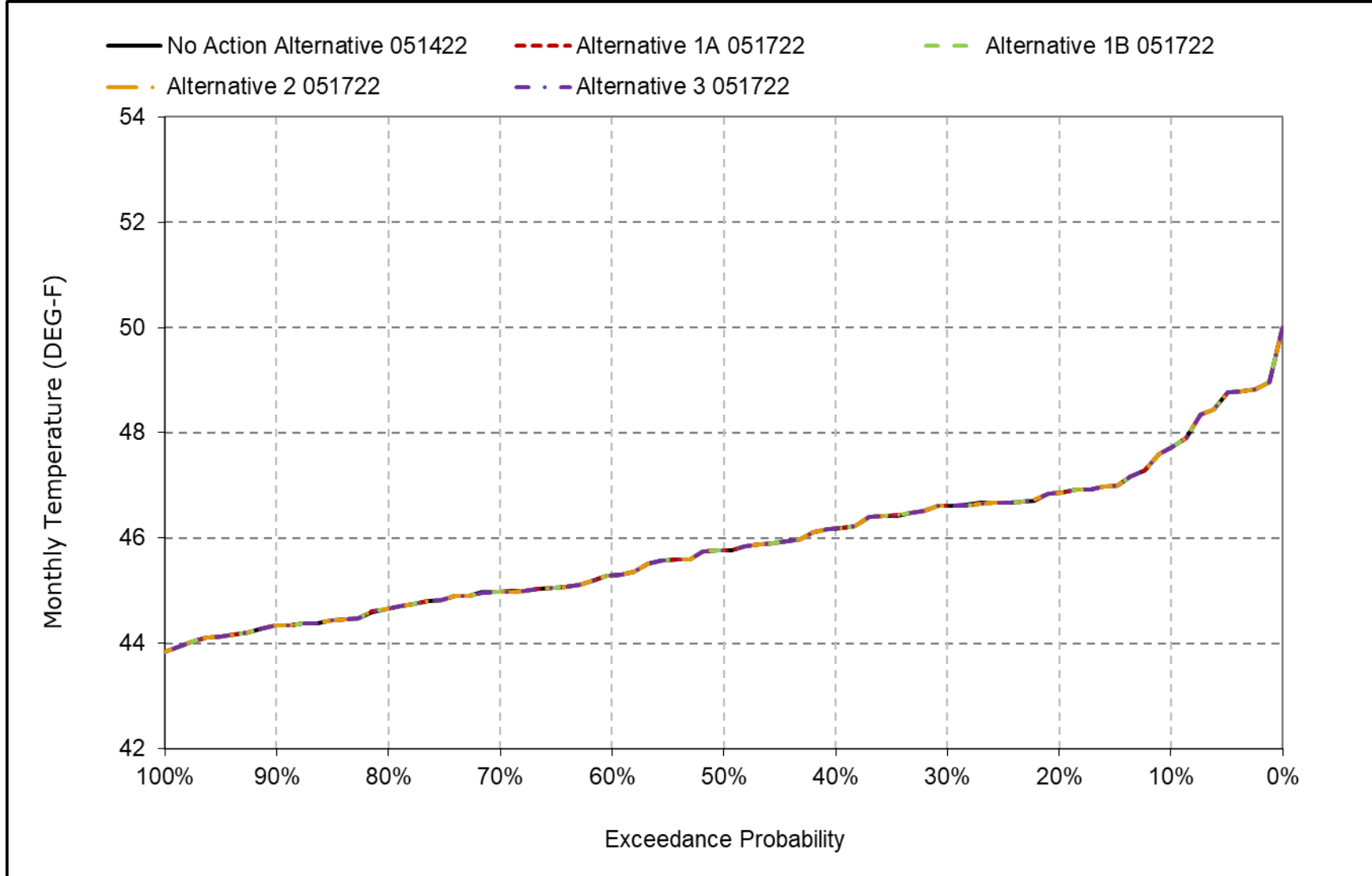
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



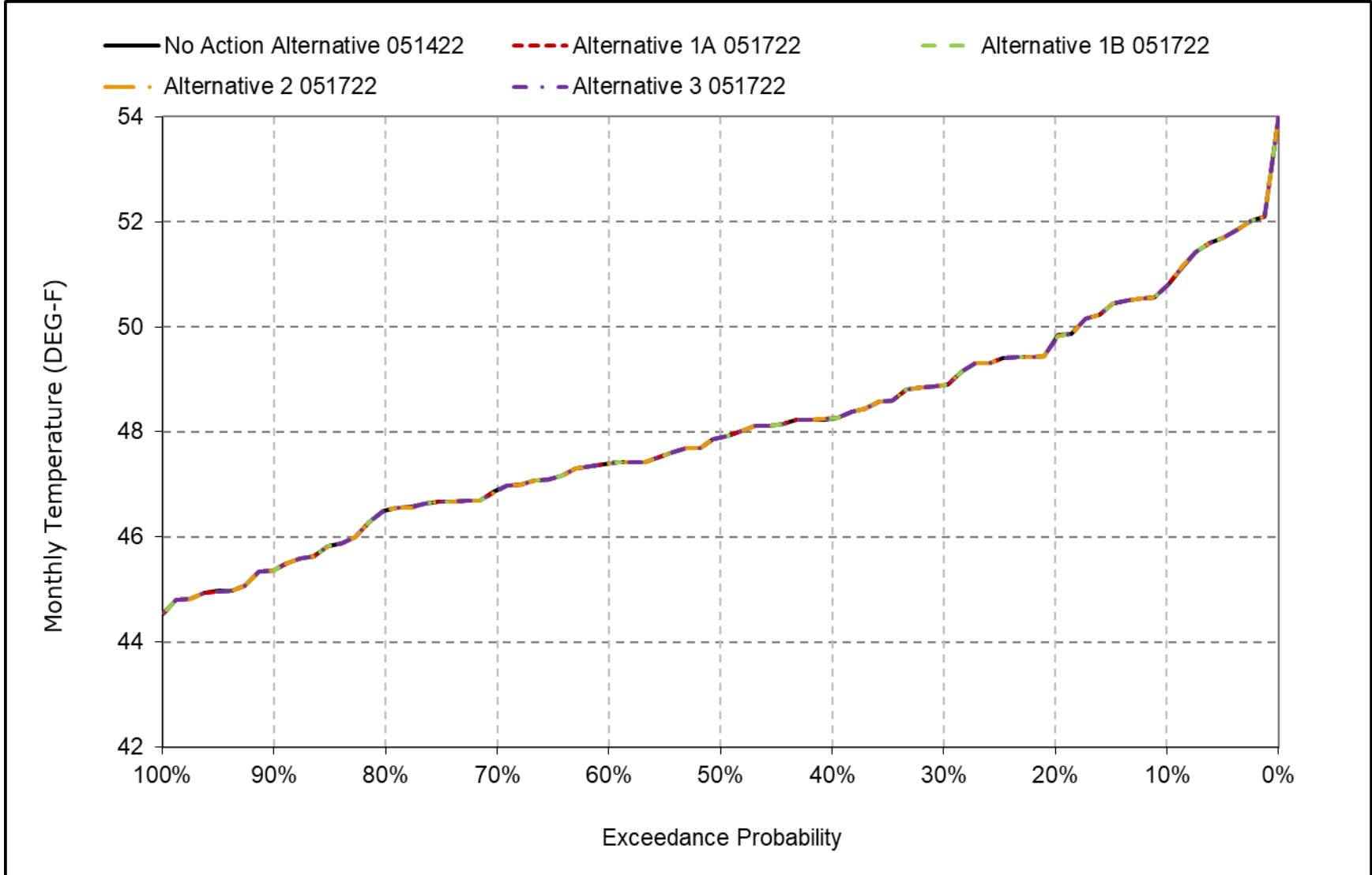
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



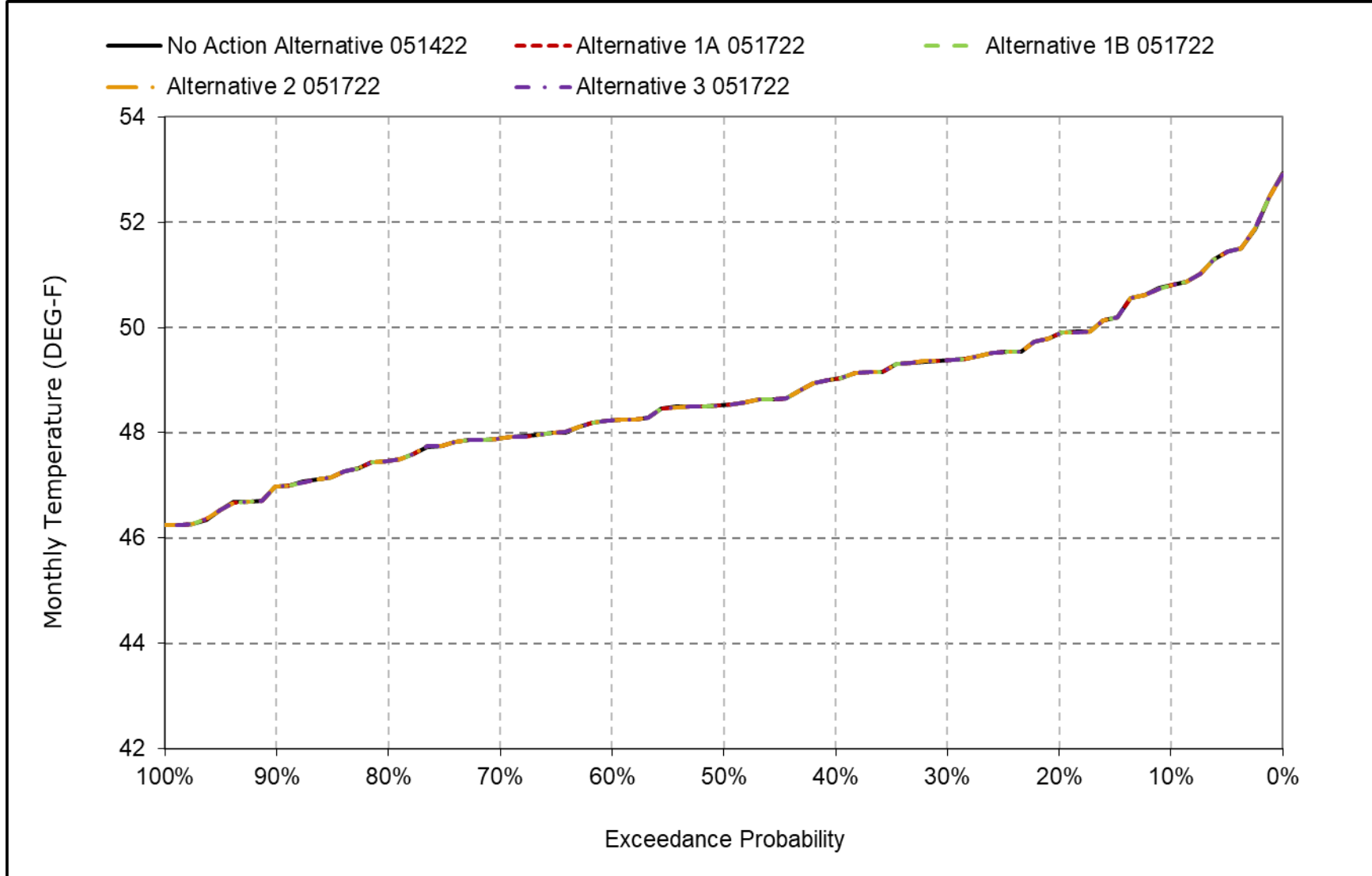
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



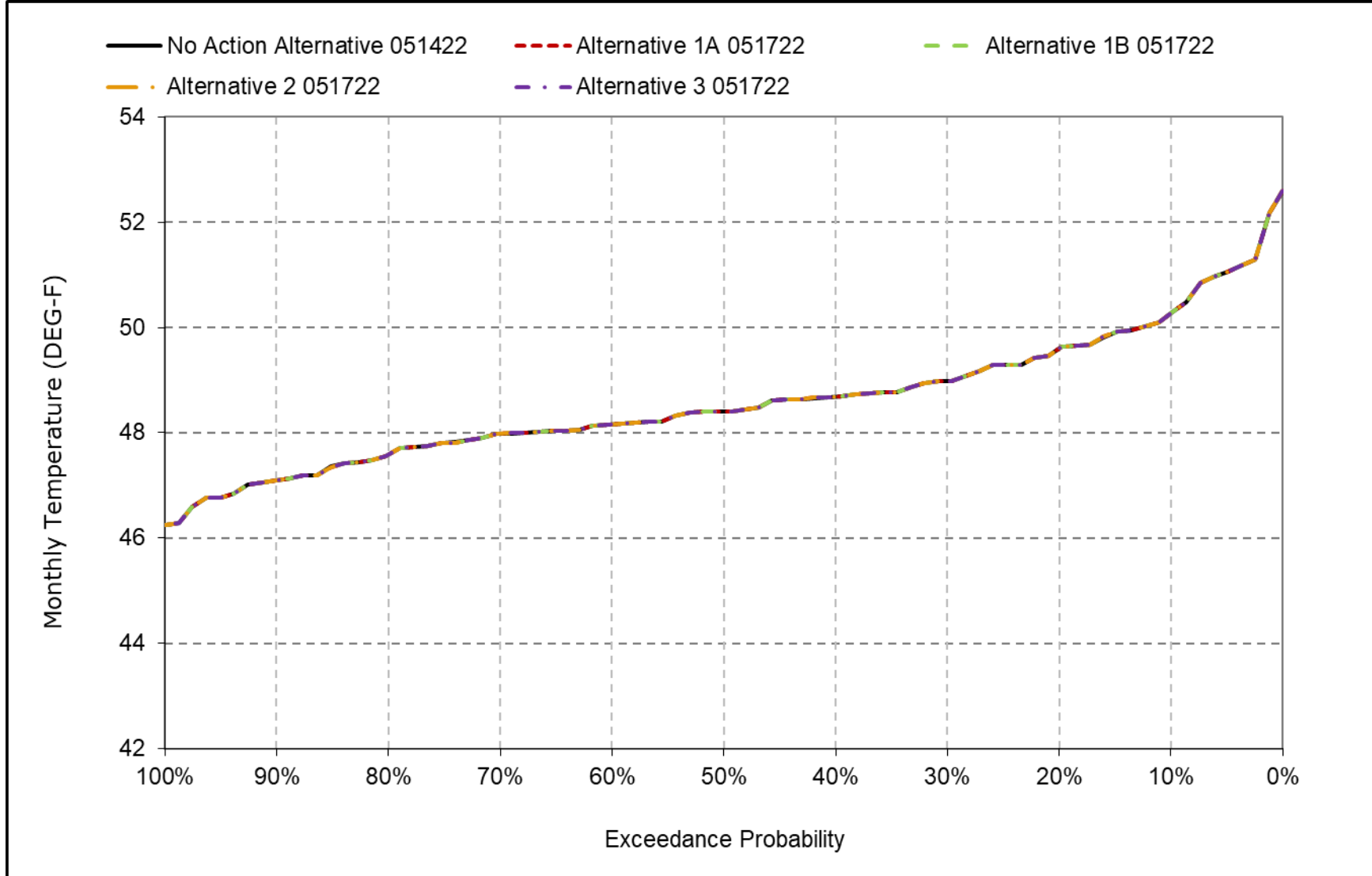
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



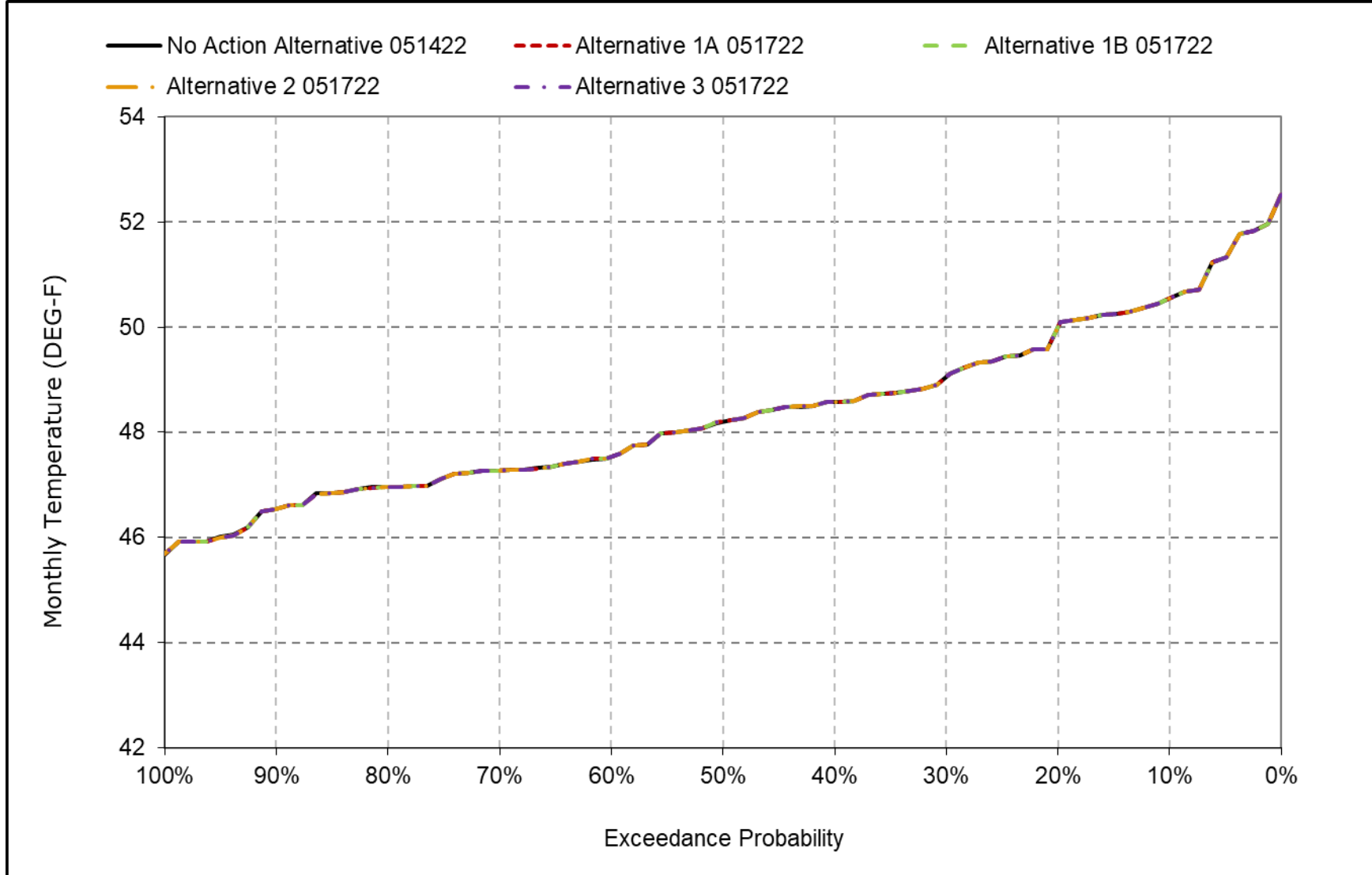
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	51.3	49.9	47.0	44.9	44.9	45.8	47.0	48.0	48.8	50.4	51.1	51.4
20% Exceedance	50.5	49.5	46.4	44.2	44.2	45.1	46.6	47.7	48.6	50.0	50.7	50.6
30% Exceedance	49.9	49.0	45.8	44.0	43.8	44.9	46.3	47.4	48.3	49.7	50.3	50.1
40% Exceedance	49.5	48.8	45.6	43.7	43.7	44.8	46.0	47.2	47.9	49.5	49.9	49.9
50% Exceedance	49.3	48.3	45.3	43.5	43.5	44.6	45.8	47.0	47.6	49.3	49.7	49.4
60% Exceedance	48.8	47.9	45.1	43.2	43.3	44.5	45.7	46.7	47.4	49.1	49.5	49.1
70% Exceedance	48.3	47.7	44.9	43.0	43.0	44.3	45.5	46.5	47.1	48.7	49.3	48.8
80% Exceedance	48.0	47.5	44.8	42.8	42.9	44.0	45.3	46.3	46.8	48.5	48.9	48.5
90% Exceedance	47.8	46.9	44.5	42.5	42.8	43.8	45.0	46.0	46.5	48.1	48.5	48.1
Full Simulation Period Average^a	49.3	48.4	45.6	43.6	43.6	44.6	45.9	47.0	47.8	49.2	49.8	49.6
Wet Water Years (32%)	48.1	47.6	45.2	43.4	43.3	44.3	45.6	46.6	47.8	48.8	49.2	48.8
Above Normal Years (15%)	48.6	47.9	45.3	43.5	43.5	44.5	45.8	47.1	47.9	49.4	49.2	48.8
Below Normal Years (17%)	49.4	48.6	45.6	43.4	43.3	44.5	45.6	46.6	47.2	49.0	49.7	49.6
Dry Years (22%)	49.8	48.8	45.8	43.5	43.7	44.8	46.1	47.0	47.6	49.4	50.0	50.0
Critical (15%)	51.7	49.9	46.1	44.4	44.5	45.5	46.8	47.8	48.6	50.0	51.2	51.8

Table 6C-2-1b. Clear Creek below Whiskeytown, Alternative 1A 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	51.3	50.0	47.0	44.9	44.9	45.8	47.0	48.0	48.8	50.4	51.1	51.4
20% Exceedance	50.5	49.5	46.4	44.2	44.2	45.1	46.6	47.7	48.6	50.0	50.7	50.6
30% Exceedance	49.9	49.0	45.8	44.0	43.8	44.9	46.3	47.4	48.3	49.7	50.3	50.1
40% Exceedance	49.5	48.7	45.6	43.7	43.7	44.8	46.0	47.2	47.9	49.5	49.9	49.9
50% Exceedance	49.3	48.3	45.3	43.5	43.5	44.6	45.8	47.0	47.6	49.3	49.7	49.4
60% Exceedance	48.8	47.9	45.1	43.2	43.3	44.5	45.7	46.7	47.4	49.1	49.5	49.1
70% Exceedance	48.3	47.7	44.9	43.0	43.1	44.3	45.5	46.6	47.1	48.7	49.2	48.8
80% Exceedance	48.0	47.5	44.8	42.8	42.9	44.0	45.3	46.3	46.8	48.5	48.9	48.5
90% Exceedance	47.8	46.9	44.5	42.5	42.8	43.8	45.0	46.0	46.5	48.1	48.5	48.1
Full Simulation Period Average^a	49.3	48.4	45.6	43.6	43.6	44.6	45.9	47.0	47.8	49.2	49.8	49.6
Wet Water Years (32%)	48.1	47.6	45.2	43.4	43.3	44.3	45.6	46.6	47.8	48.8	49.2	48.8
Above Normal Years (15%)	48.6	47.9	45.3	43.5	43.5	44.5	45.8	47.1	47.9	49.4	49.2	48.8
Below Normal Years (17%)	49.4	48.6	45.6	43.4	43.3	44.5	45.6	46.6	47.2	49.0	49.7	49.6
Dry Years (22%)	49.8	48.8	45.8	43.5	43.7	44.8	46.1	47.0	47.6	49.4	50.0	50.0
Critical (15%)	51.7	49.9	46.1	44.4	44.5	45.5	46.8	47.8	48.6	50.0	51.2	51.8

Table 6C-2-1c. Clear Creek below Whiskeytown, Alternative 1A 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (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 Years (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 Years (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.

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

* 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.

Table 6C-2-2a. Clear Creek below Whiskeytown, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	51.3	49.9	47.0	44.9	44.9	45.8	47.0	48.0	48.8	50.4	51.1	51.4
20% Exceedance	50.5	49.5	46.4	44.2	44.2	45.1	46.6	47.7	48.6	50.0	50.7	50.6
30% Exceedance	49.9	49.0	45.8	44.0	43.8	44.9	46.3	47.4	48.3	49.7	50.3	50.1
40% Exceedance	49.5	48.8	45.6	43.7	43.7	44.8	46.0	47.2	47.9	49.5	49.9	49.9
50% Exceedance	49.3	48.3	45.3	43.5	43.5	44.6	45.8	47.0	47.6	49.3	49.7	49.4
60% Exceedance	48.8	47.9	45.1	43.2	43.3	44.5	45.7	46.7	47.4	49.1	49.5	49.1
70% Exceedance	48.3	47.7	44.9	43.0	43.0	44.3	45.5	46.5	47.1	48.7	49.3	48.8
80% Exceedance	48.0	47.5	44.8	42.8	42.9	44.0	45.3	46.3	46.8	48.5	48.9	48.5
90% Exceedance	47.8	46.9	44.5	42.5	42.8	43.8	45.0	46.0	46.5	48.1	48.5	48.1
Full Simulation Period Average^a	49.3	48.4	45.6	43.6	43.6	44.6	45.9	47.0	47.8	49.2	49.8	49.6
Wet Water Years (32%)	48.1	47.6	45.2	43.4	43.3	44.3	45.6	46.6	47.8	48.8	49.2	48.8
Above Normal Years (15%)	48.6	47.9	45.3	43.5	43.5	44.5	45.8	47.1	47.9	49.4	49.2	48.8
Below Normal Years (17%)	49.4	48.6	45.6	43.4	43.3	44.5	45.6	46.6	47.2	49.0	49.7	49.6
Dry Years (22%)	49.8	48.8	45.8	43.5	43.7	44.8	46.1	47.0	47.6	49.4	50.0	50.0
Critical (15%)	51.7	49.9	46.1	44.4	44.5	45.5	46.8	47.8	48.6	50.0	51.2	51.8

Table 6C-2-2b. Clear Creek below Whiskeytown, Alternative 1B 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	51.3	50.0	47.0	44.9	44.9	45.8	47.0	48.0	48.9	50.4	51.1	51.4
20% Exceedance	50.5	49.5	46.4	44.2	44.2	45.1	46.6	47.7	48.6	50.0	50.7	50.6
30% Exceedance	49.9	49.0	45.8	44.0	43.8	44.9	46.3	47.4	48.2	49.7	50.3	50.1
40% Exceedance	49.5	48.7	45.6	43.7	43.7	44.8	46.0	47.2	47.9	49.5	49.9	49.9
50% Exceedance	49.3	48.3	45.3	43.5	43.5	44.6	45.8	47.0	47.6	49.3	49.7	49.4
60% Exceedance	48.8	47.9	45.1	43.2	43.3	44.5	45.7	46.7	47.4	49.1	49.5	49.1
70% Exceedance	48.3	47.7	44.9	43.0	43.1	44.3	45.5	46.5	47.0	48.7	49.2	48.8
80% Exceedance	48.0	47.5	44.8	42.8	42.9	44.0	45.3	46.3	46.8	48.5	48.9	48.5
90% Exceedance	47.8	46.9	44.5	42.5	42.8	43.8	45.0	45.9	46.5	48.1	48.5	48.1
Full Simulation Period Average^a	49.3	48.4	45.6	43.6	43.6	44.6	45.9	47.0	47.8	49.2	49.8	49.6
Wet Water Years (32%)	48.1	47.6	45.2	43.4	43.3	44.3	45.6	46.6	47.8	48.8	49.2	48.8
Above Normal Years (15%)	48.6	47.9	45.3	43.5	43.5	44.5	45.8	47.1	47.9	49.4	49.2	48.8
Below Normal Years (17%)	49.4	48.6	45.6	43.4	43.3	44.5	45.6	46.6	47.2	49.0	49.7	49.6
Dry Years (22%)	49.8	48.8	45.8	43.5	43.7	44.8	46.1	47.0	47.6	49.4	50.0	50.0
Critical (15%)	51.7	49.9	46.1	44.4	44.5	45.5	46.8	47.8	48.6	50.0	51.2	51.8

Table 6C-2-2c. Clear Creek below Whiskeytown, Alternative 1B 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	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% Exceedance	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% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
40% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (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 Years (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 Years (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.

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

* 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.

Table 6C-2-3a. Clear Creek below Whiskeytown, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	51.3	49.9	47.0	44.9	44.9	45.8	47.0	48.0	48.8	50.4	51.1	51.4
20% Exceedance	50.5	49.5	46.4	44.2	44.2	45.1	46.6	47.7	48.6	50.0	50.7	50.6
30% Exceedance	49.9	49.0	45.8	44.0	43.8	44.9	46.3	47.4	48.3	49.7	50.3	50.1
40% Exceedance	49.5	48.8	45.6	43.7	43.7	44.8	46.0	47.2	47.9	49.5	49.9	49.9
50% Exceedance	49.3	48.3	45.3	43.5	43.5	44.6	45.8	47.0	47.6	49.3	49.7	49.4
60% Exceedance	48.8	47.9	45.1	43.2	43.3	44.5	45.7	46.7	47.4	49.1	49.5	49.1
70% Exceedance	48.3	47.7	44.9	43.0	43.0	44.3	45.5	46.5	47.1	48.7	49.3	48.8
80% Exceedance	48.0	47.5	44.8	42.8	42.9	44.0	45.3	46.3	46.8	48.5	48.9	48.5
90% Exceedance	47.8	46.9	44.5	42.5	42.8	43.8	45.0	46.0	46.5	48.1	48.5	48.1
Full Simulation Period Average^a	49.3	48.4	45.6	43.6	43.6	44.6	45.9	47.0	47.8	49.2	49.8	49.6
Wet Water Years (32%)	48.1	47.6	45.2	43.4	43.3	44.3	45.6	46.6	47.8	48.8	49.2	48.8
Above Normal Years (15%)	48.6	47.9	45.3	43.5	43.5	44.5	45.8	47.1	47.9	49.4	49.2	48.8
Below Normal Years (17%)	49.4	48.6	45.6	43.4	43.3	44.5	45.6	46.6	47.2	49.0	49.7	49.6
Dry Years (22%)	49.8	48.8	45.8	43.5	43.7	44.8	46.1	47.0	47.6	49.4	50.0	50.0
Critical (15%)	51.7	49.9	46.1	44.4	44.5	45.5	46.8	47.8	48.6	50.0	51.2	51.8

Table 6C-2-3b. Clear Creek below Whiskeytown, Alternative 2 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	51.3	50.0	47.0	44.9	44.9	45.8	47.0	48.0	48.8	50.4	51.1	51.4
20% Exceedance	50.5	49.5	46.4	44.2	44.2	45.1	46.6	47.7	48.6	50.0	50.7	50.6
30% Exceedance	49.9	49.0	45.8	44.0	43.8	44.9	46.3	47.4	48.2	49.7	50.3	50.1
40% Exceedance	49.5	48.7	45.6	43.7	43.7	44.8	46.0	47.2	47.9	49.5	49.9	49.9
50% Exceedance	49.3	48.3	45.3	43.5	43.5	44.6	45.8	47.0	47.6	49.3	49.7	49.4
60% Exceedance	48.8	47.9	45.1	43.2	43.3	44.5	45.7	46.7	47.4	49.1	49.5	49.1
70% Exceedance	48.3	47.7	44.9	43.0	43.0	44.3	45.5	46.6	47.1	48.7	49.2	48.8
80% Exceedance	48.0	47.5	44.8	42.8	42.9	44.0	45.3	46.3	46.8	48.5	48.9	48.5
90% Exceedance	47.8	46.9	44.5	42.5	42.8	43.8	45.0	45.9	46.5	48.1	48.5	48.1
Full Simulation Period Average^a	49.3	48.4	45.6	43.6	43.6	44.6	45.9	47.0	47.8	49.2	49.8	49.6
Wet Water Years (32%)	48.1	47.6	45.2	43.4	43.3	44.3	45.6	46.6	47.8	48.8	49.2	48.8
Above Normal Years (15%)	48.6	47.9	45.3	43.5	43.5	44.5	45.8	47.1	47.9	49.4	49.2	48.8
Below Normal Years (17%)	49.4	48.6	45.6	43.4	43.3	44.5	45.6	46.6	47.2	49.0	49.7	49.6
Dry Years (22%)	49.8	48.8	45.8	43.5	43.7	44.8	46.1	47.0	47.6	49.4	50.0	50.0
Critical (15%)	51.7	49.9	46.1	44.4	44.5	45.5	46.8	47.8	48.6	50.0	51.2	51.8

Table 6C-2-3c. Clear Creek below Whiskeytown, Alternative 2 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	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% Exceedance	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% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
40% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (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 Years (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 Years (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.

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

* 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.

Table 6C-2-4a. Clear Creek below Whiskeytown, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	51.3	49.9	47.0	44.9	44.9	45.8	47.0	48.0	48.8	50.4	51.1	51.4
20% Exceedance	50.5	49.5	46.4	44.2	44.2	45.1	46.6	47.7	48.6	50.0	50.7	50.6
30% Exceedance	49.9	49.0	45.8	44.0	43.8	44.9	46.3	47.4	48.3	49.7	50.3	50.1
40% Exceedance	49.5	48.8	45.6	43.7	43.7	44.8	46.0	47.2	47.9	49.5	49.9	49.9
50% Exceedance	49.3	48.3	45.3	43.5	43.5	44.6	45.8	47.0	47.6	49.3	49.7	49.4
60% Exceedance	48.8	47.9	45.1	43.2	43.3	44.5	45.7	46.7	47.4	49.1	49.5	49.1
70% Exceedance	48.3	47.7	44.9	43.0	43.0	44.3	45.5	46.5	47.1	48.7	49.3	48.8
80% Exceedance	48.0	47.5	44.8	42.8	42.9	44.0	45.3	46.3	46.8	48.5	48.9	48.5
90% Exceedance	47.8	46.9	44.5	42.5	42.8	43.8	45.0	46.0	46.5	48.1	48.5	48.1
Full Simulation Period Average^a	49.3	48.4	45.6	43.6	43.6	44.6	45.9	47.0	47.8	49.2	49.8	49.6
Wet Water Years (32%)	48.1	47.6	45.2	43.4	43.3	44.3	45.6	46.6	47.8	48.8	49.2	48.8
Above Normal Years (15%)	48.6	47.9	45.3	43.5	43.5	44.5	45.8	47.1	47.9	49.4	49.2	48.8
Below Normal Years (17%)	49.4	48.6	45.6	43.4	43.3	44.5	45.6	46.6	47.2	49.0	49.7	49.6
Dry Years (22%)	49.8	48.8	45.8	43.5	43.7	44.8	46.1	47.0	47.6	49.4	50.0	50.0
Critical (15%)	51.7	49.9	46.1	44.4	44.5	45.5	46.8	47.8	48.6	50.0	51.2	51.8

Table 6C-2-4b. Clear Creek below Whiskeytown, Alternative 3 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	51.3	50.0	46.9	44.9	44.9	45.8	47.0	48.0	48.9	50.4	51.1	51.4
20% Exceedance	50.5	49.5	46.4	44.2	44.2	45.1	46.6	47.7	48.5	50.0	50.7	50.6
30% Exceedance	49.9	49.0	45.8	44.0	43.8	44.9	46.3	47.4	48.2	49.7	50.3	50.1
40% Exceedance	49.5	48.7	45.6	43.7	43.7	44.8	46.0	47.2	47.9	49.5	49.9	49.9
50% Exceedance	49.3	48.3	45.3	43.5	43.5	44.6	45.8	47.0	47.6	49.3	49.7	49.4
60% Exceedance	48.8	47.9	45.1	43.2	43.3	44.5	45.7	46.7	47.4	49.1	49.5	49.1
70% Exceedance	48.3	47.7	44.9	43.0	43.1	44.3	45.5	46.5	47.0	48.7	49.2	48.8
80% Exceedance	48.0	47.5	44.8	42.8	42.9	44.0	45.3	46.3	46.8	48.5	48.9	48.5
90% Exceedance	47.8	46.9	44.5	42.5	42.8	43.8	45.0	46.0	46.5	48.1	48.5	48.1
Full Simulation Period Average^a	49.3	48.4	45.5	43.6	43.6	44.6	45.9	47.0	47.8	49.2	49.8	49.6
Wet Water Years (32%)	48.1	47.6	45.2	43.4	43.3	44.3	45.6	46.6	47.8	48.8	49.2	48.8
Above Normal Years (15%)	48.6	47.9	45.3	43.5	43.5	44.5	45.8	47.1	47.9	49.4	49.2	48.8
Below Normal Years (17%)	49.4	48.6	45.6	43.4	43.3	44.5	45.6	46.6	47.2	49.0	49.7	49.6
Dry Years (22%)	49.8	48.8	45.8	43.5	43.7	44.8	46.1	47.0	47.6	49.4	50.0	50.0
Critical (15%)	51.7	49.9	46.1	44.4	44.5	45.5	46.8	47.8	48.6	50.0	51.2	51.8

Table 6C-2-4c. Clear Creek below Whiskeytown, Alternative 3 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	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% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
30% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
40% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (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 Years (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 Years (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

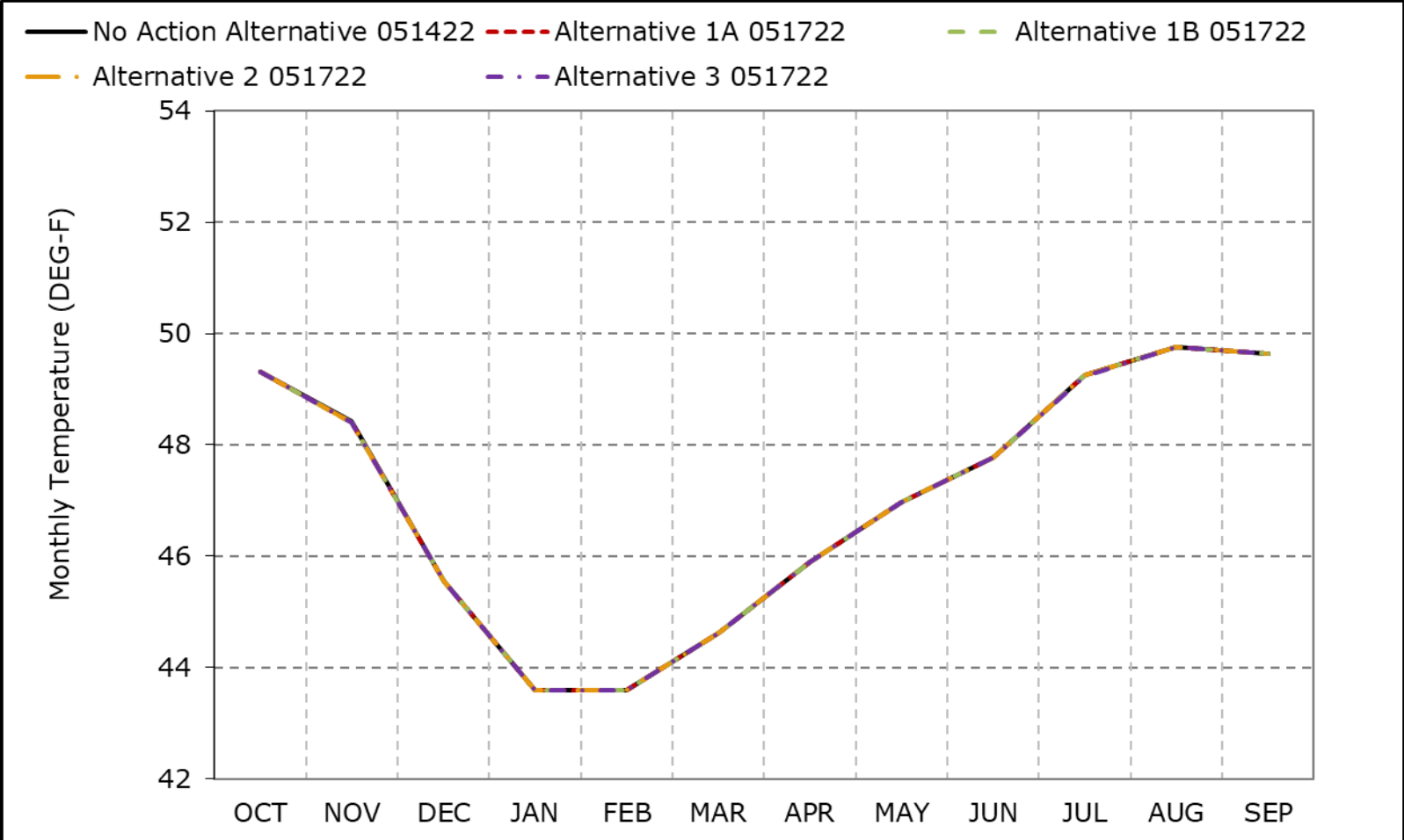
^a Based on the 82-year simulation period.

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

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

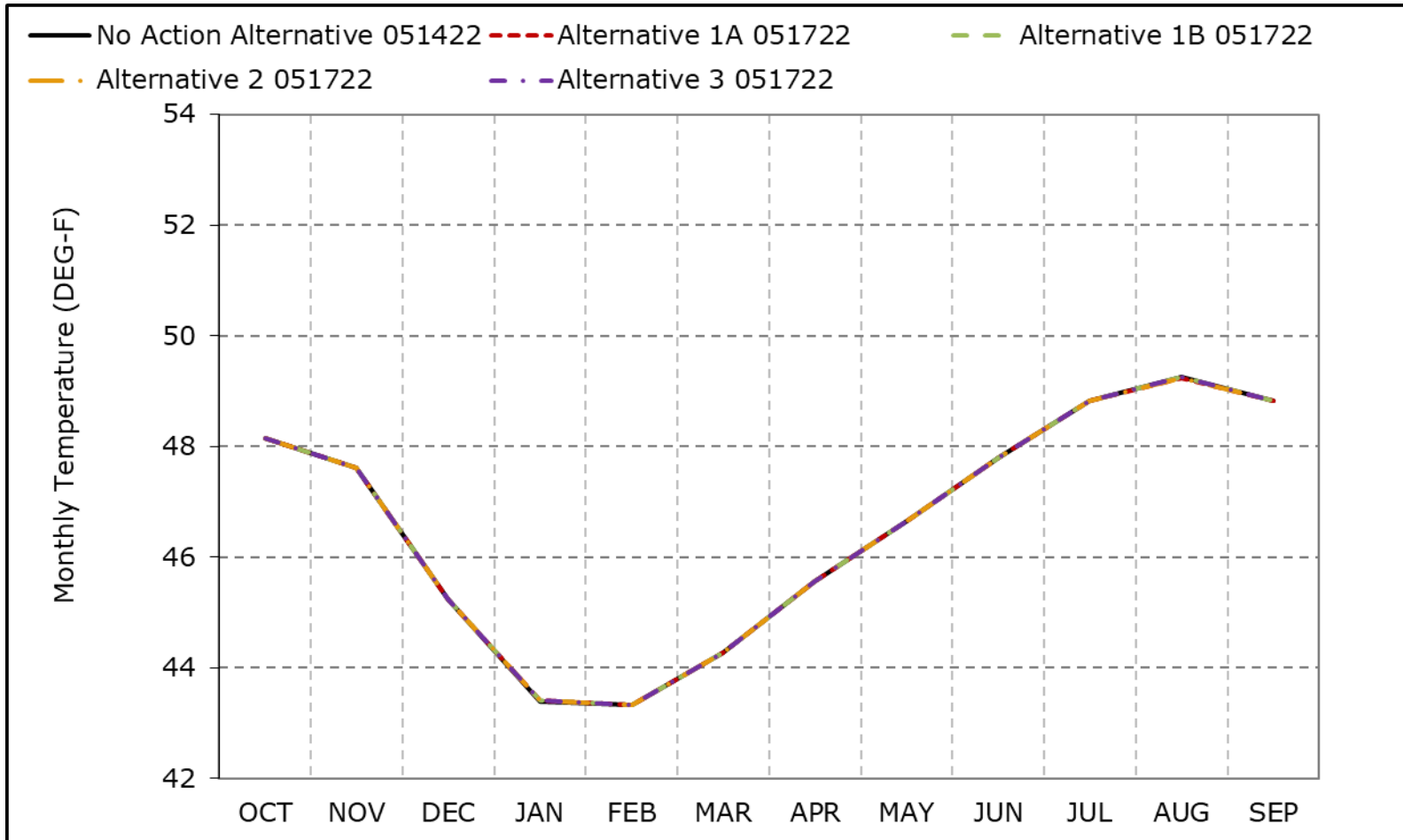
* These results are displayed with calendar year - year type sorting.

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

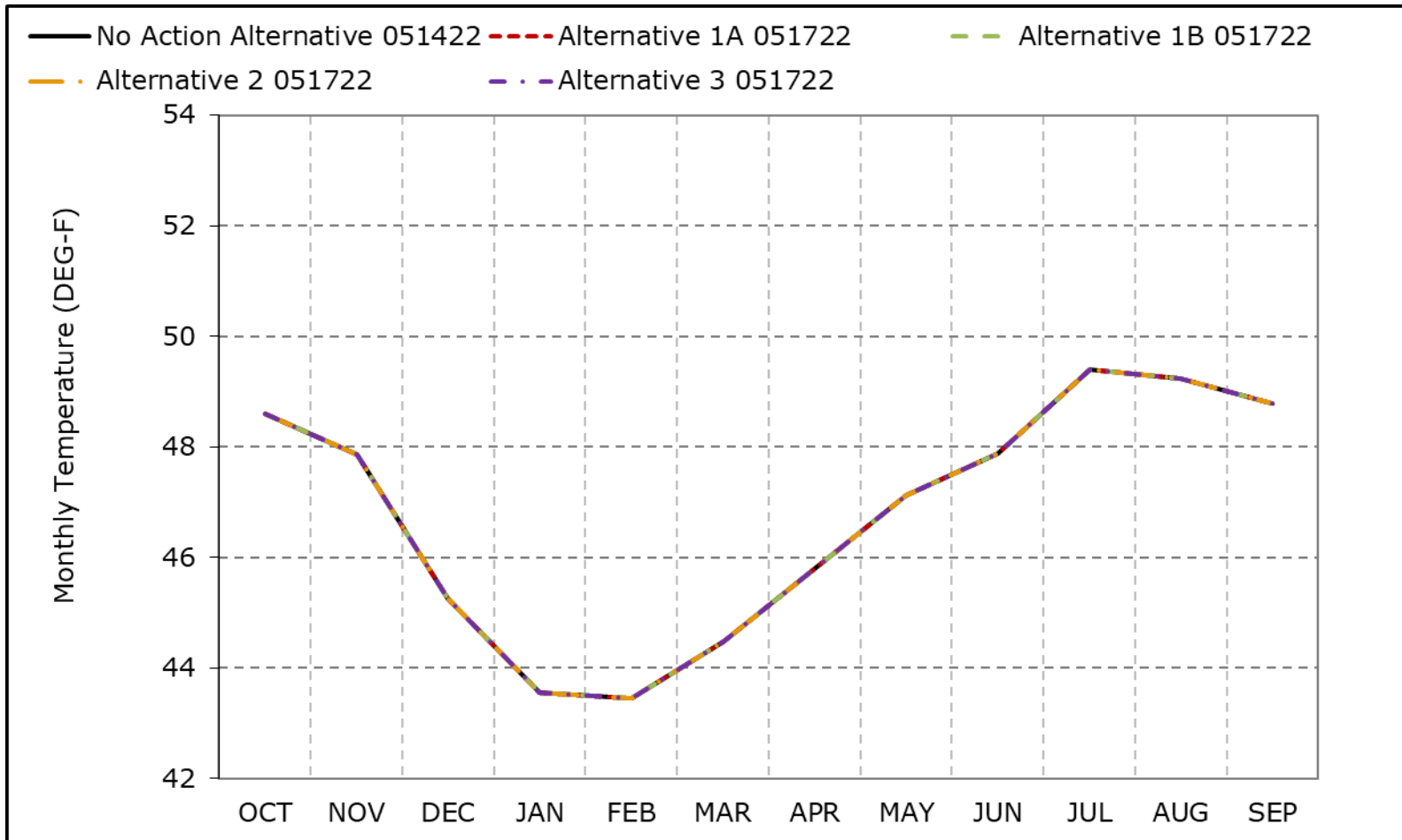


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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 Temperature

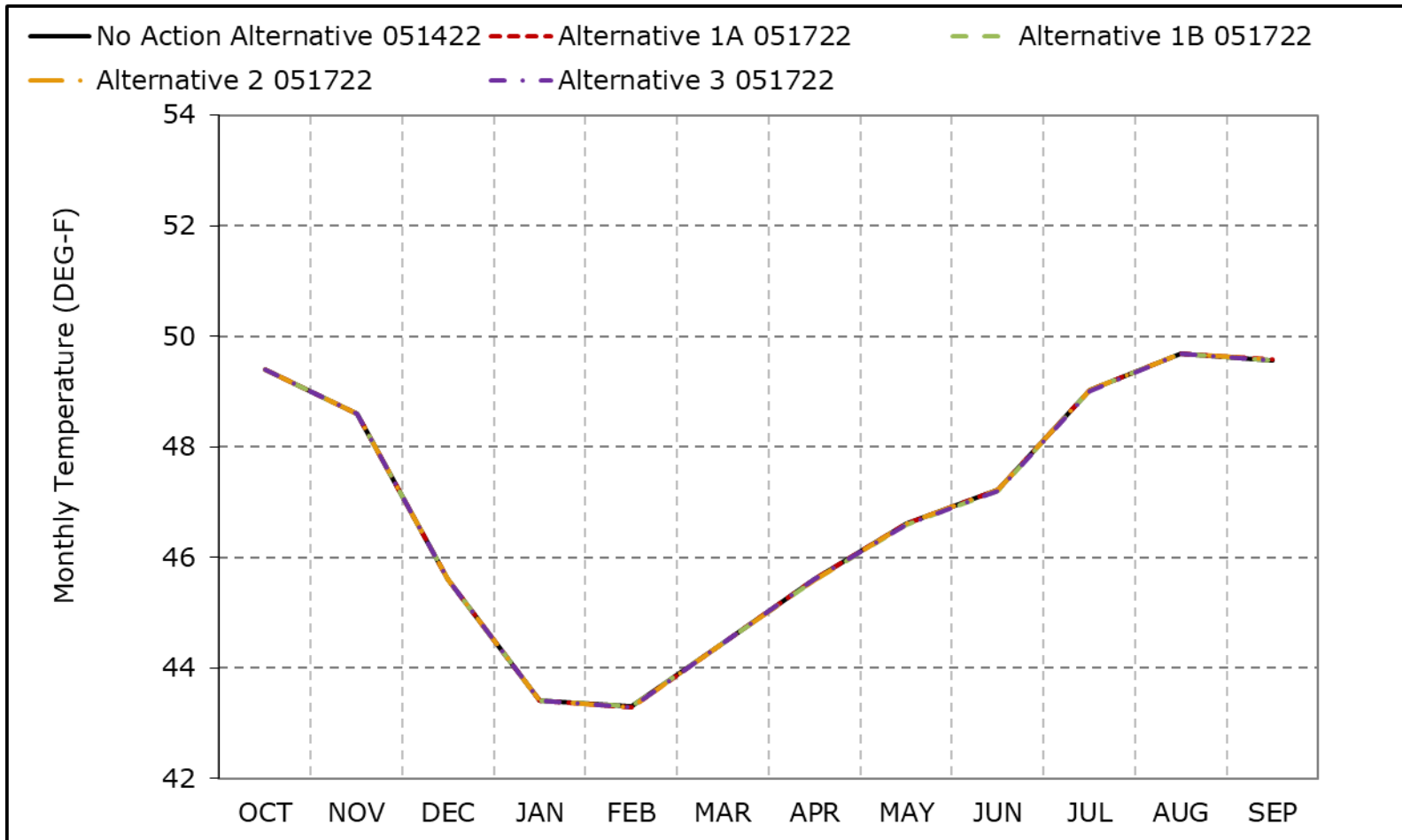


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

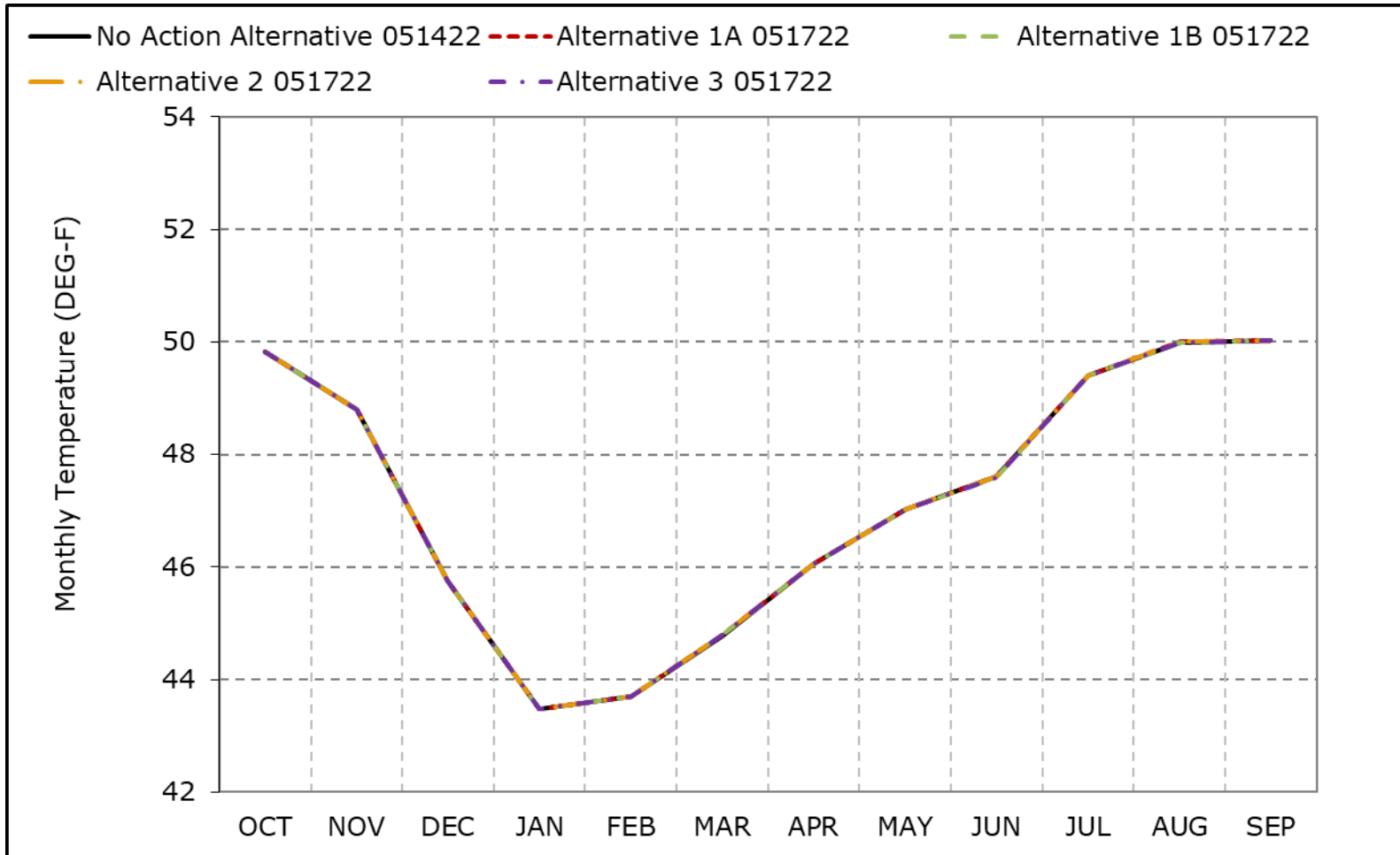
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-2-4. Clear Creek below Whiskeytown, 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-2-5. Clear Creek below Whiskeytown, Dry Year Average Temperature

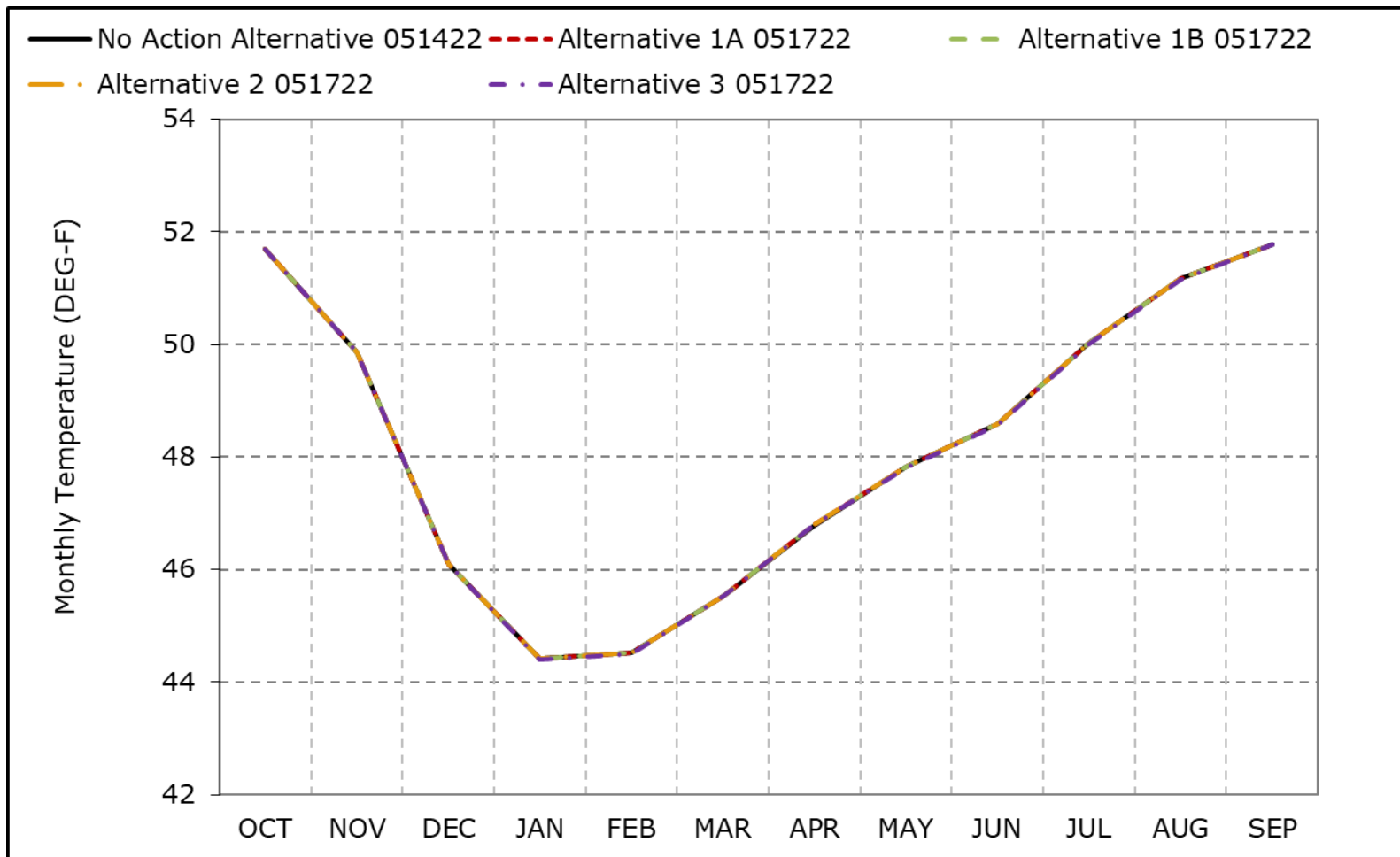


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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

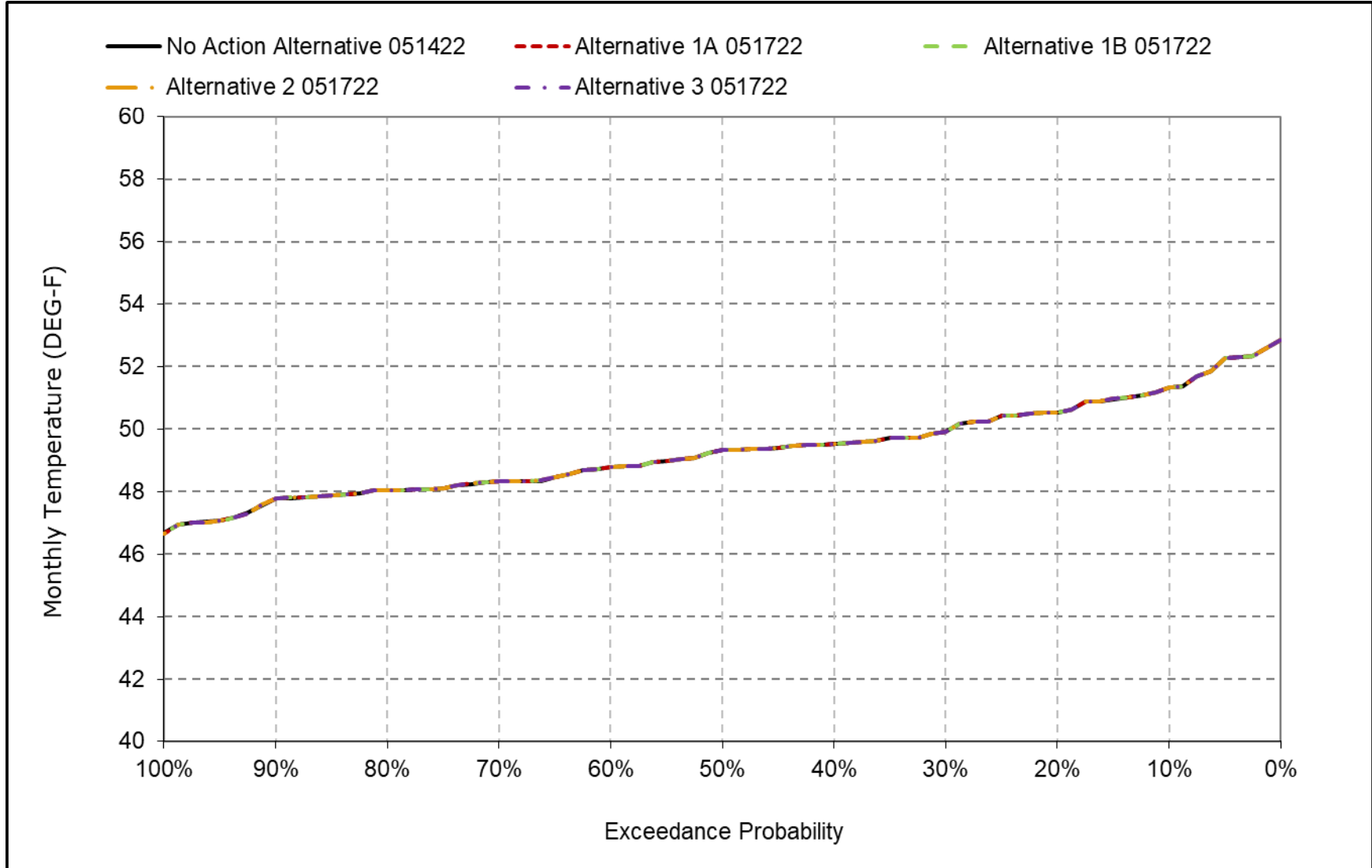


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

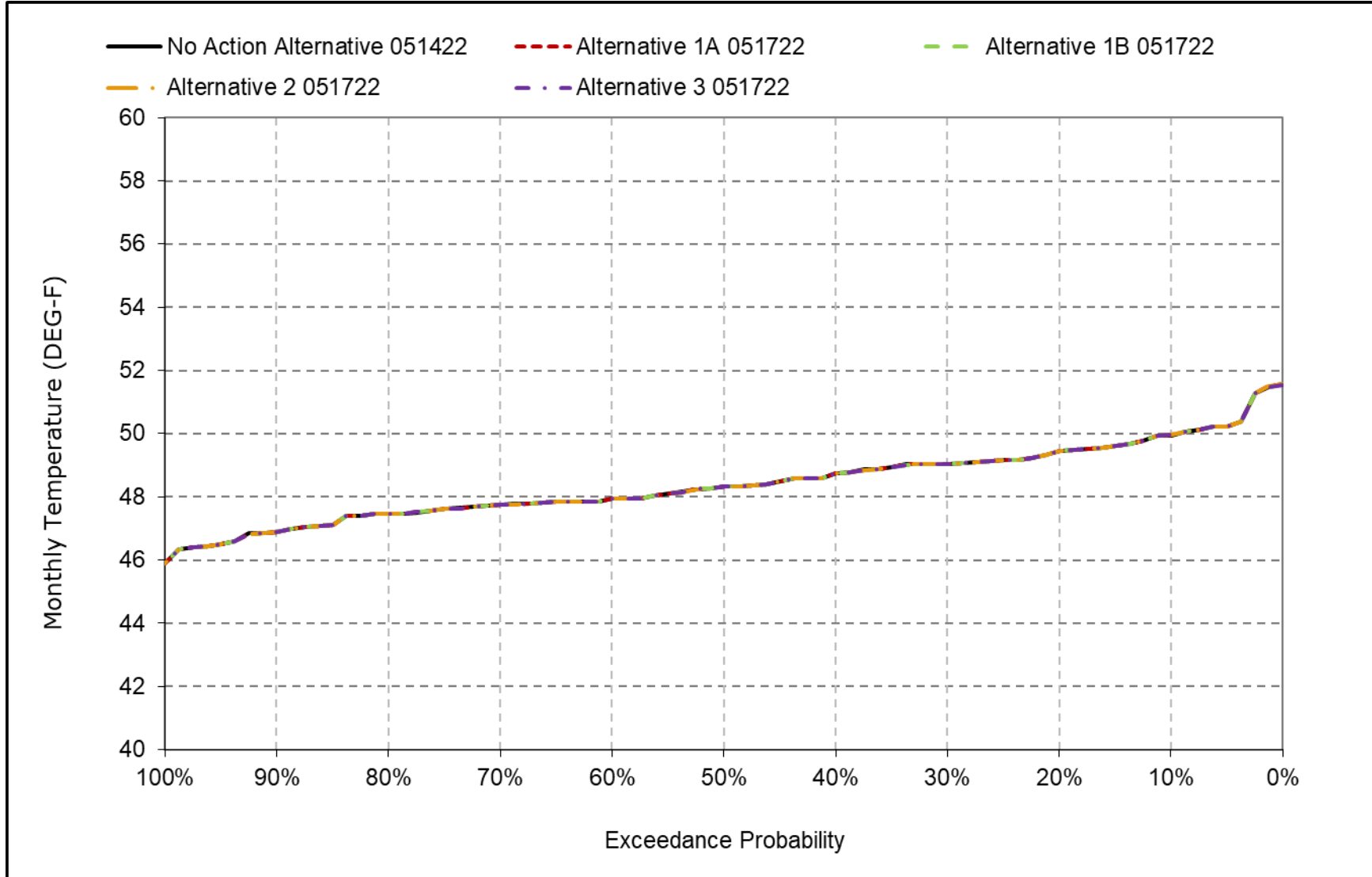
*All scenarios are simulated at current climate and 0 cm sea level rise.

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



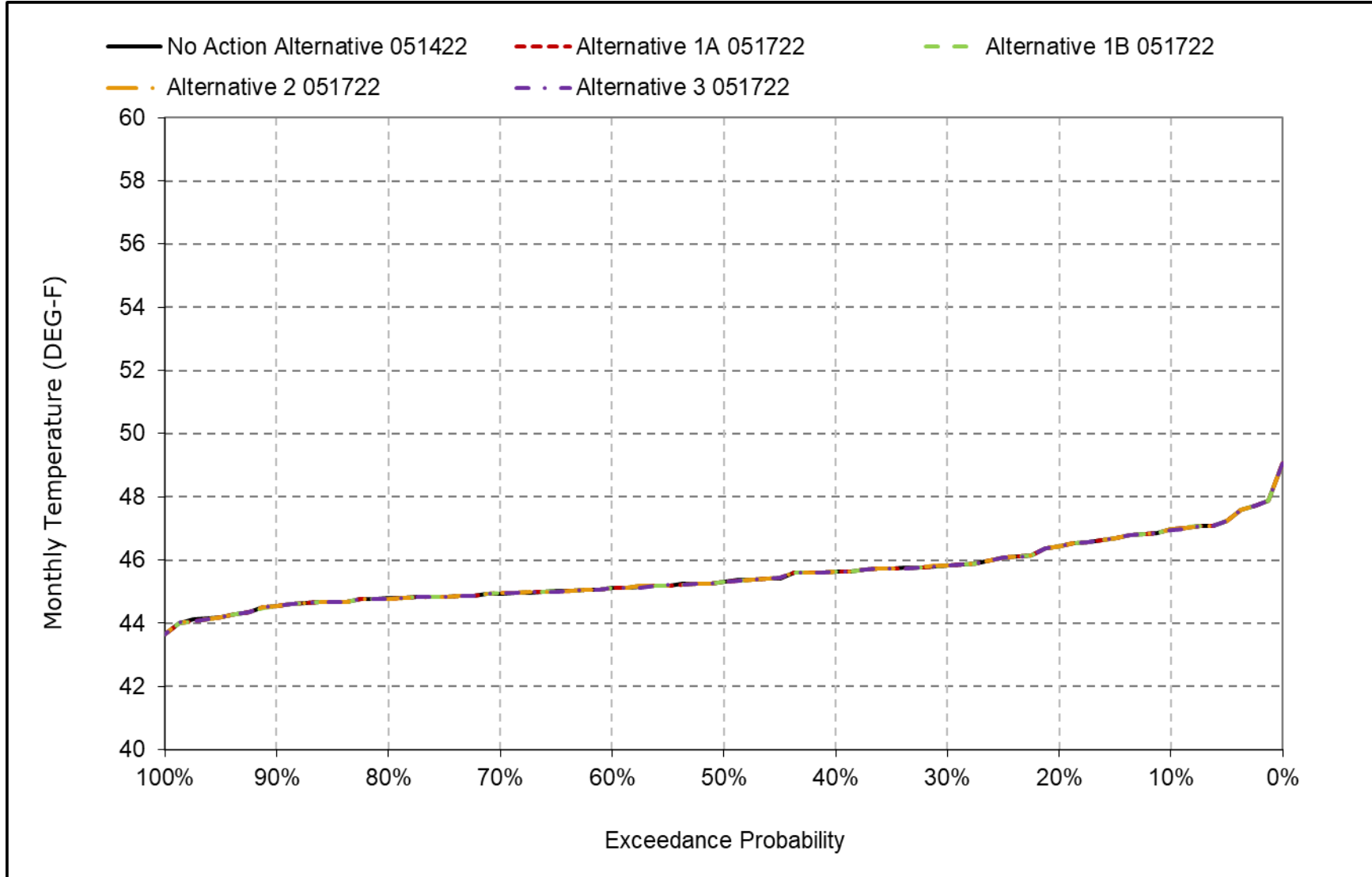
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



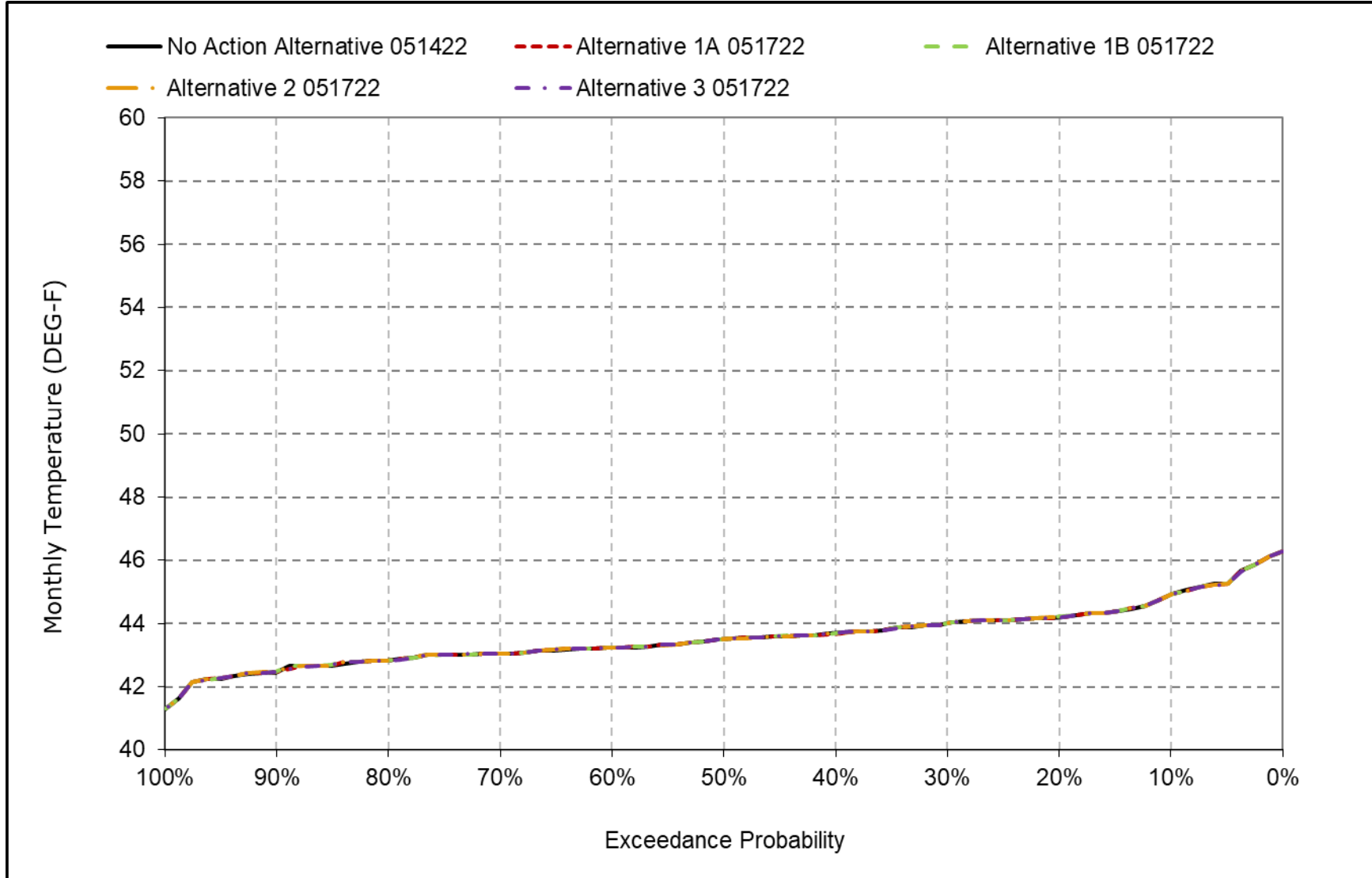
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



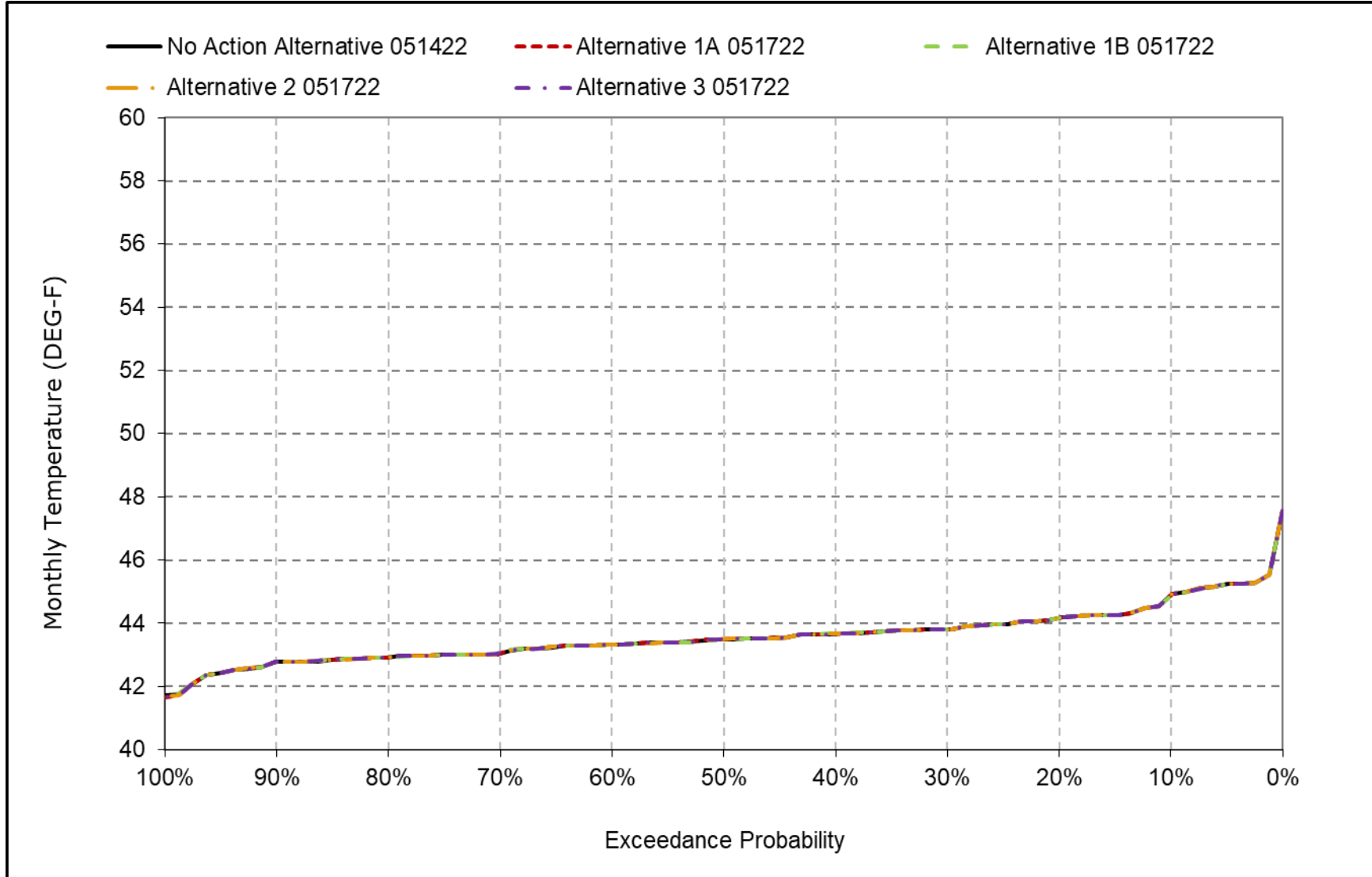
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



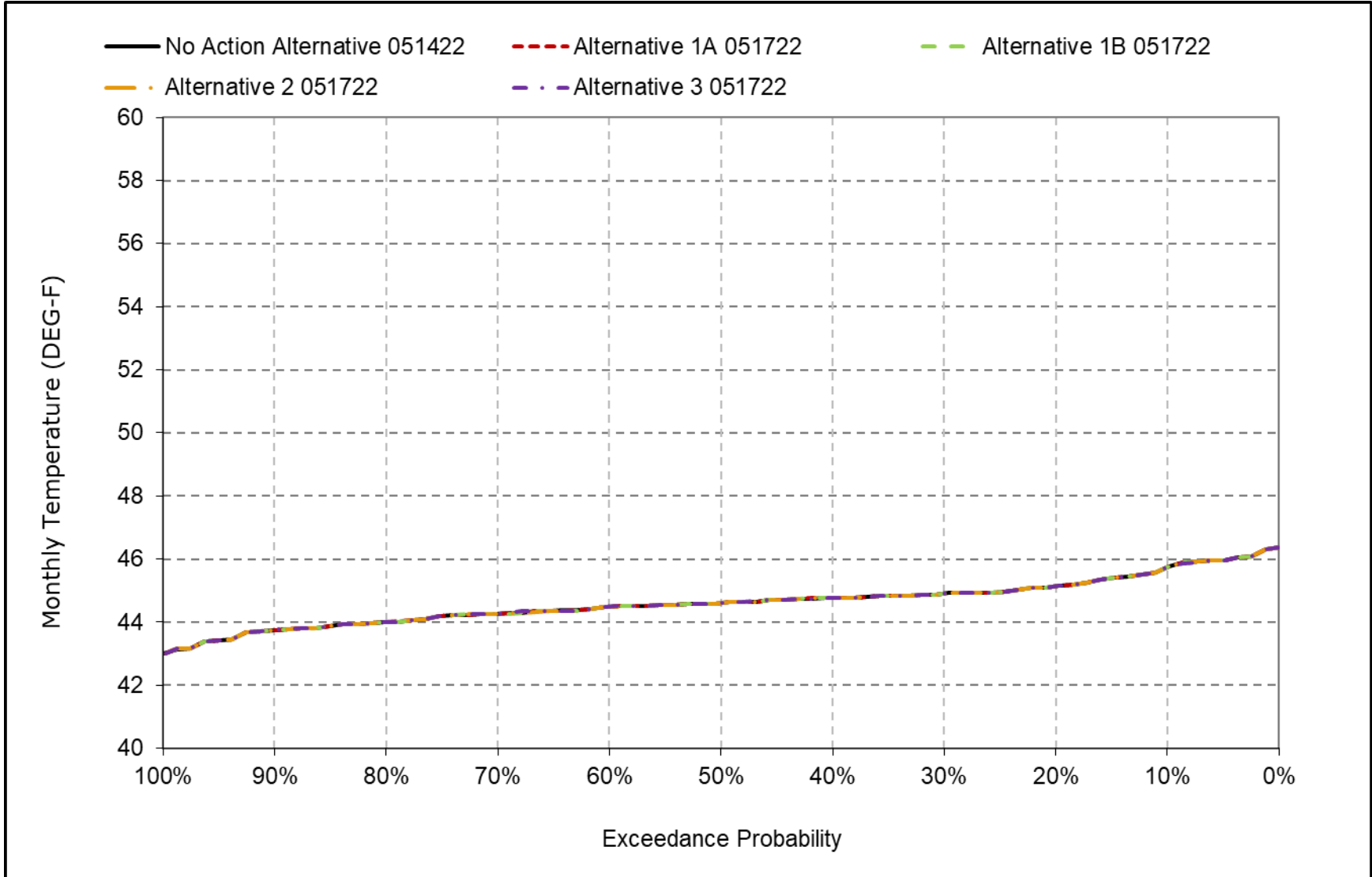
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



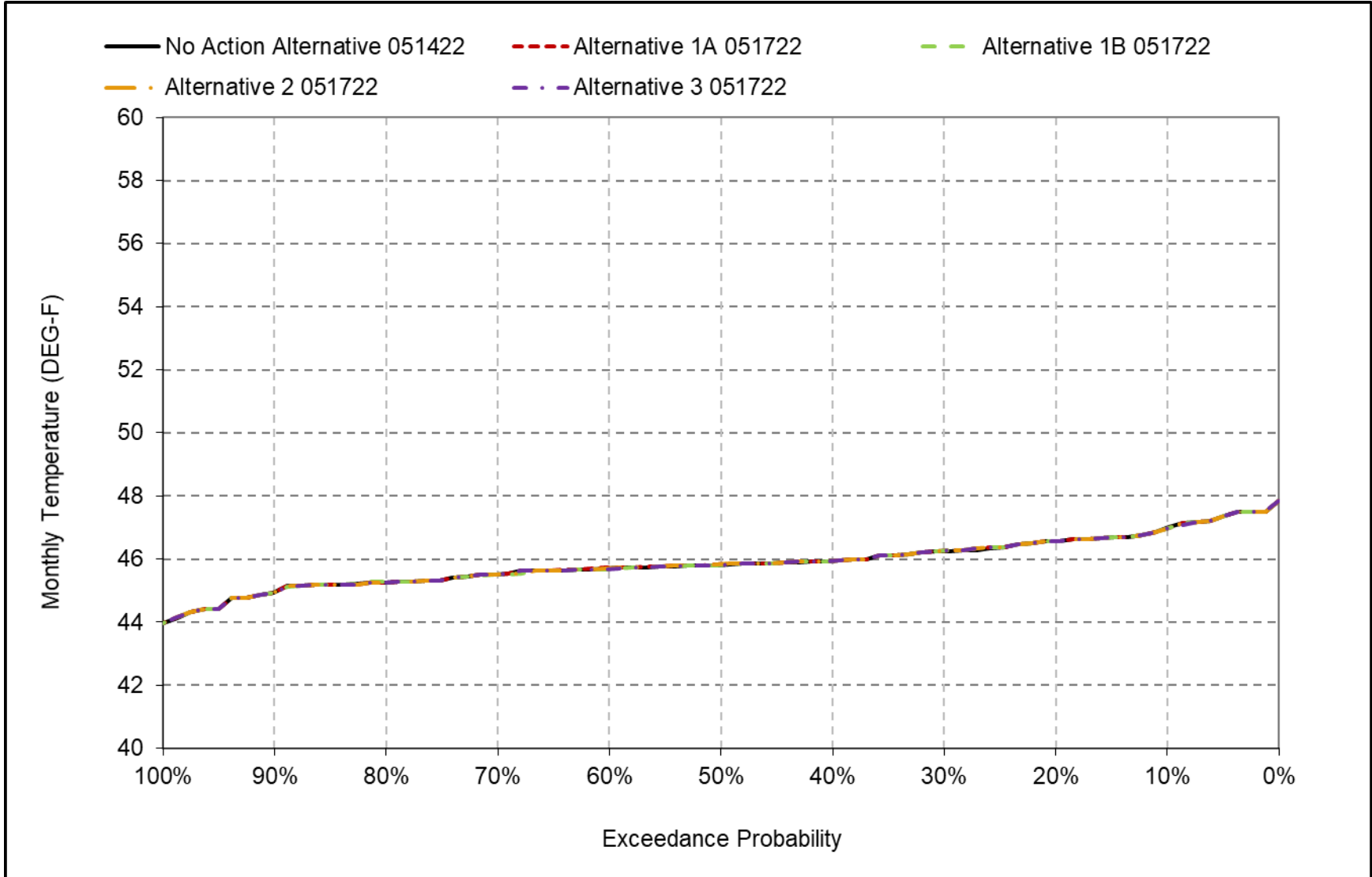
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



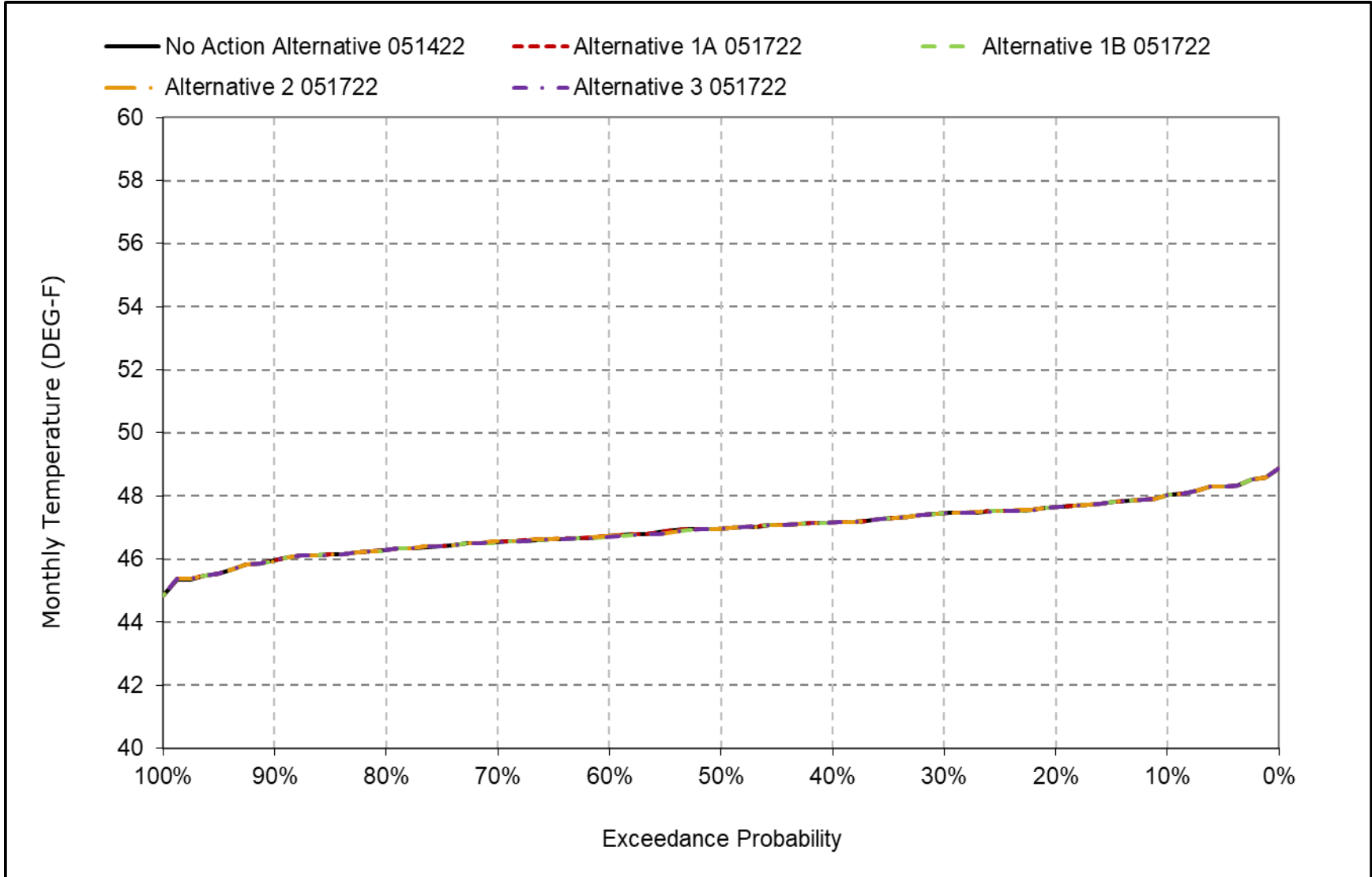
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



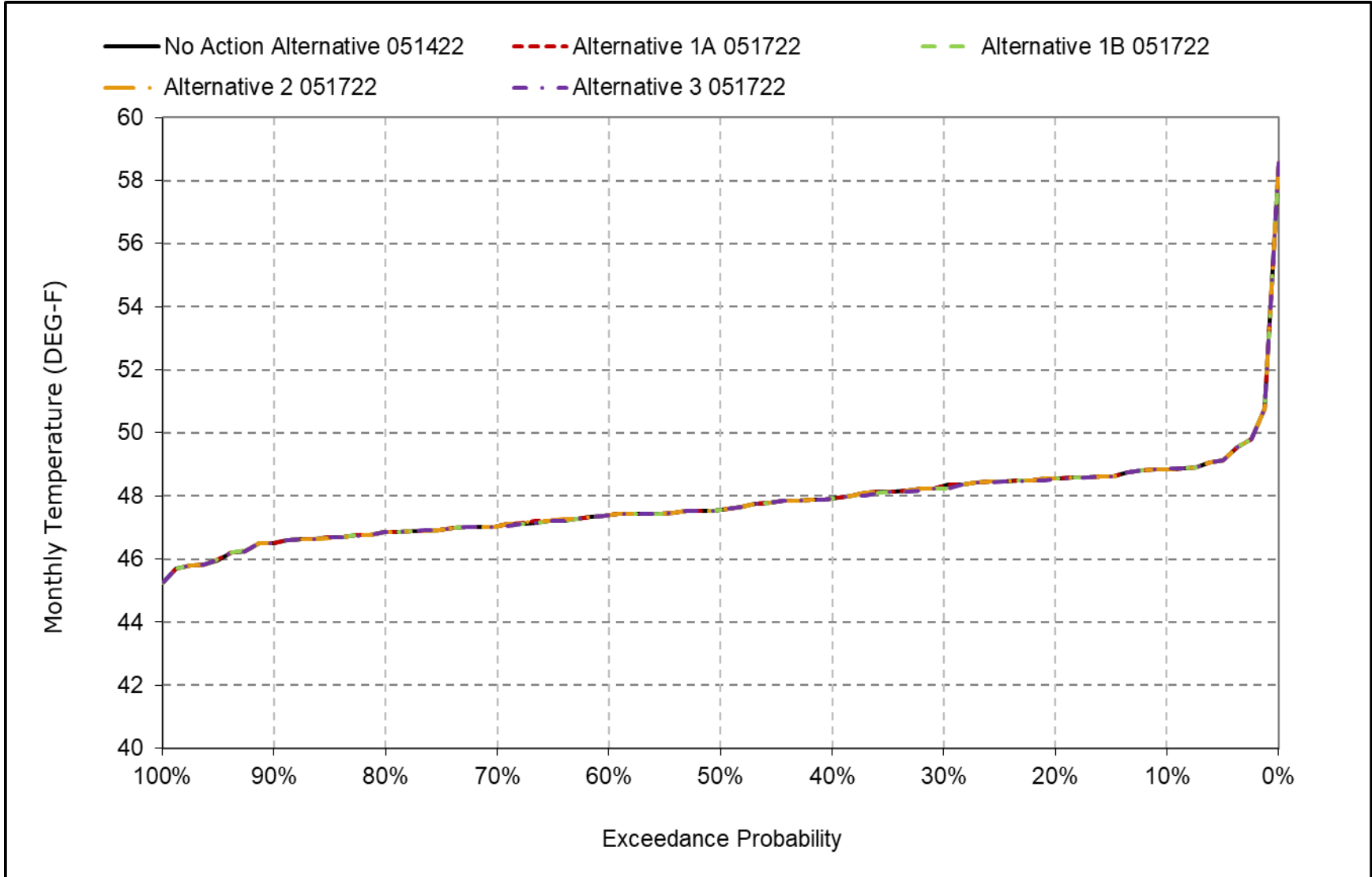
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



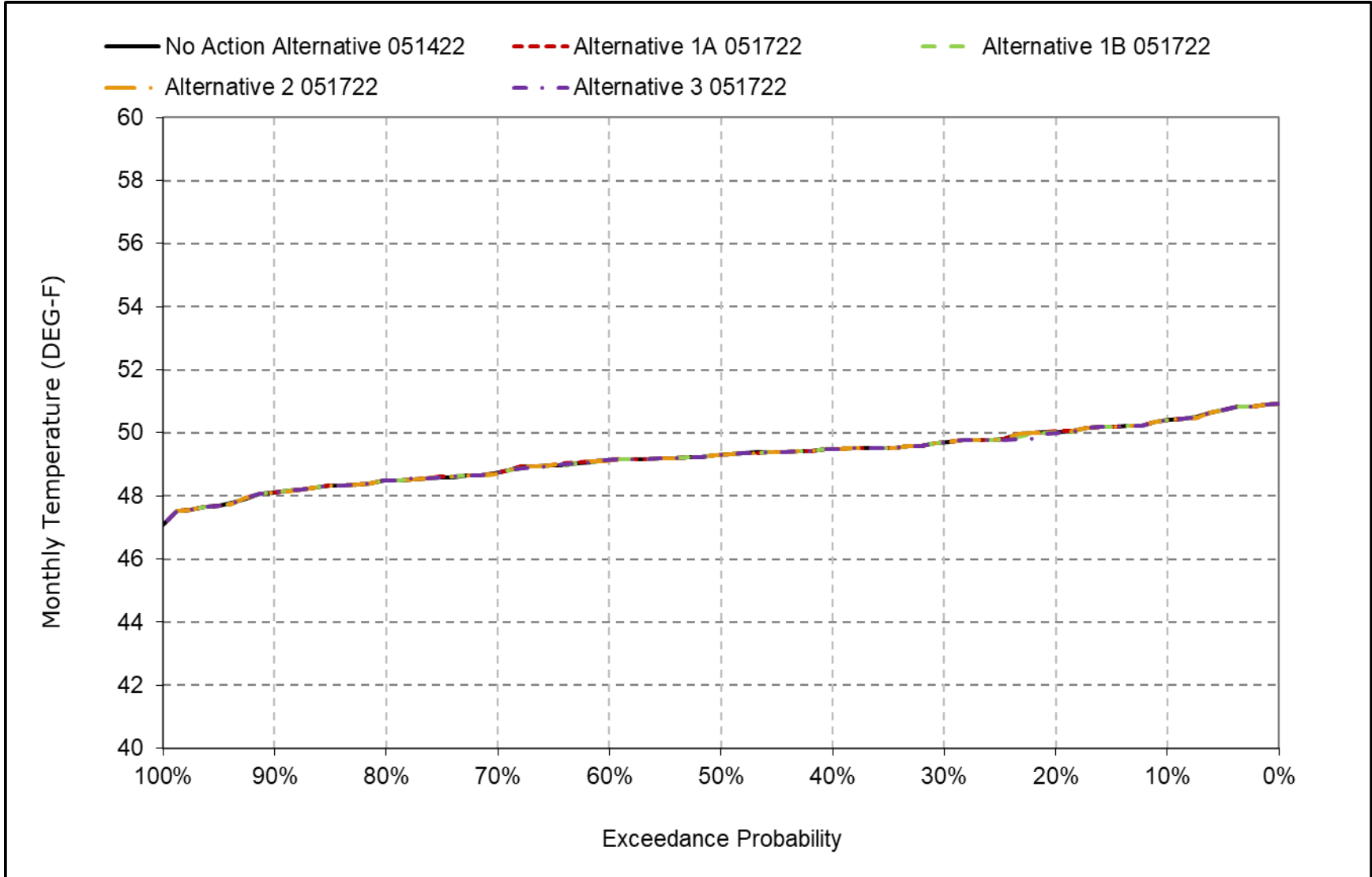
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



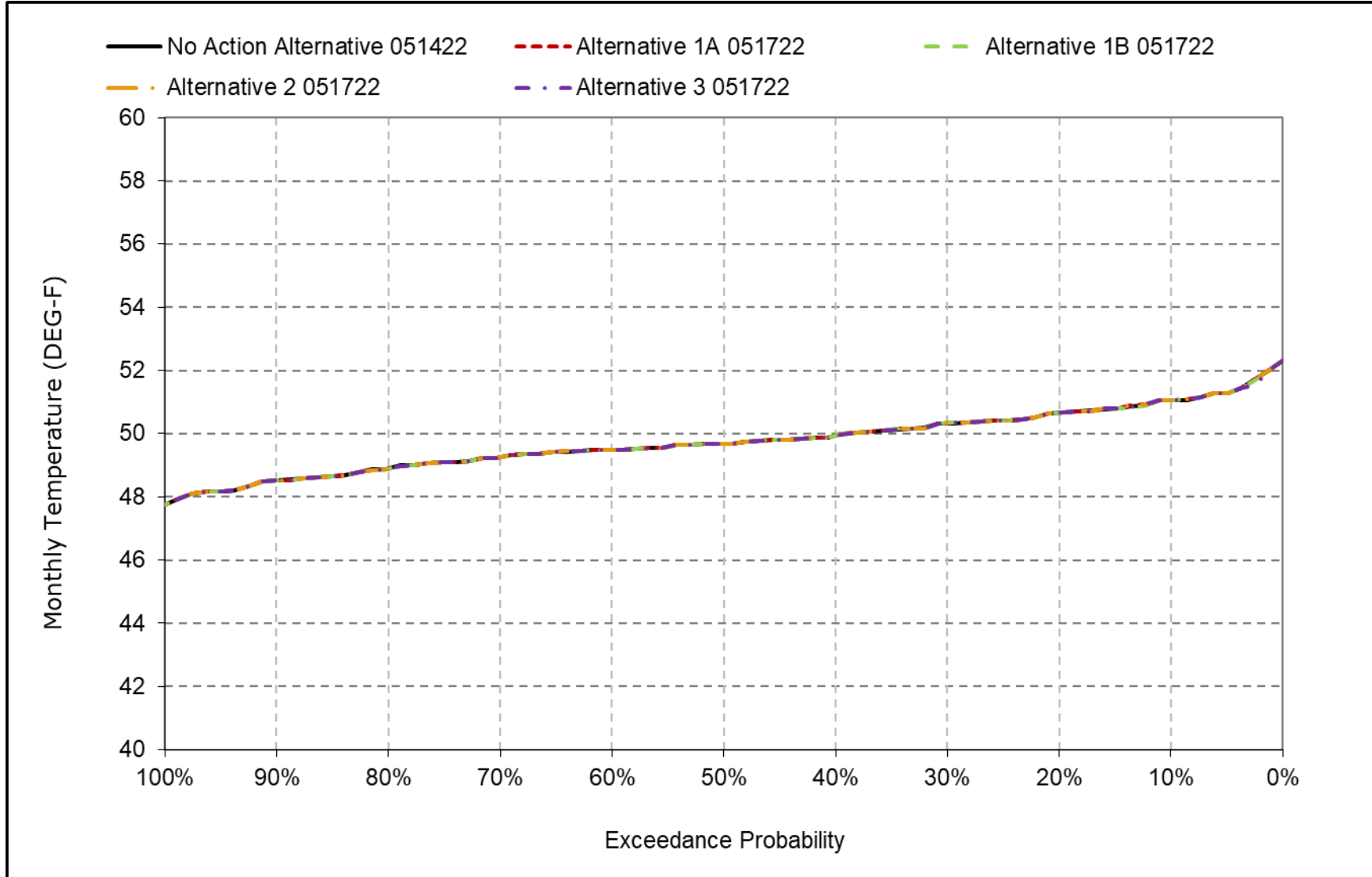
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



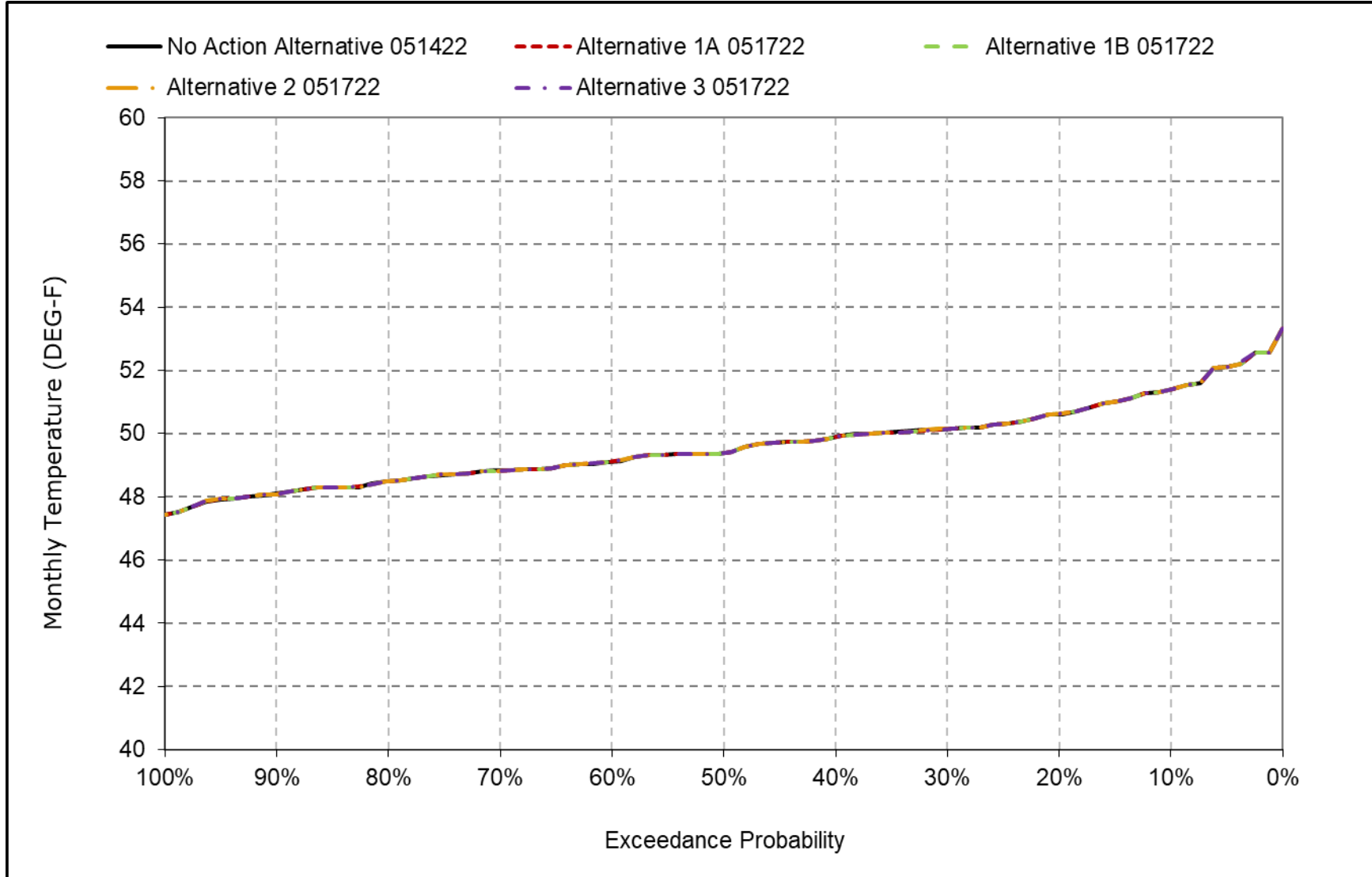
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	51.9	50.2	47.1	45.2	45.4	46.5	48.1	49.6	50.1	52.7	53.0	52.8
20% Exceedance	51.1	49.6	46.6	44.4	44.5	46.0	47.7	49.1	49.8	52.3	52.5	51.9
30% Exceedance	50.5	49.2	46.0	44.2	44.2	45.6	47.2	48.8	49.4	51.9	52.2	51.6
40% Exceedance	50.1	49.0	45.8	43.9	44.0	45.4	46.9	48.6	49.0	51.8	51.8	51.3
50% Exceedance	49.9	48.6	45.4	43.7	43.8	45.3	46.8	48.3	48.7	51.6	51.6	50.9
60% Exceedance	49.3	48.1	45.2	43.4	43.6	45.1	46.6	48.1	48.5	51.4	51.5	50.5
70% Exceedance	48.8	47.9	45.0	43.2	43.4	44.9	46.5	47.9	48.2	51.2	51.3	50.3
80% Exceedance	48.6	47.7	44.9	43.0	43.2	44.7	46.2	47.6	48.0	50.7	50.9	50.0
90% Exceedance	48.4	47.1	44.6	42.6	43.0	44.4	45.9	47.2	47.7	50.5	50.5	49.6
Full Simulation Period Average^a	49.9	48.6	45.7	43.8	43.9	45.3	46.9	48.4	48.9	51.5	51.7	51.0
Wet Water Years (32%)	48.8	47.9	45.4	43.6	43.5	44.9	46.5	48.0	48.9	51.2	51.2	50.3
Above Normal Years (15%)	49.2	48.0	45.4	43.8	43.7	45.2	46.8	48.5	49.0	51.7	51.2	50.2
Below Normal Years (17%)	49.9	48.8	45.7	43.6	43.5	45.1	46.6	47.9	48.3	51.3	51.6	50.9
Dry Years (22%)	50.4	49.0	45.9	43.6	44.1	45.5	47.0	48.3	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	50.1	52.3	53.0	53.1

Table 6C-3-1b. Clear Creek at Igo, Alternative 1A 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	51.9	50.2	47.1	45.2	45.4	46.5	48.1	49.6	50.1	52.7	53.0	52.8
20% Exceedance	51.1	49.6	46.6	44.4	44.5	46.0	47.7	49.1	49.8	52.3	52.5	51.9
30% Exceedance	50.5	49.2	46.0	44.2	44.2	45.6	47.2	48.8	49.4	51.9	52.2	51.6
40% Exceedance	50.1	49.0	45.8	43.9	44.0	45.4	46.9	48.6	49.0	51.8	51.8	51.3
50% Exceedance	49.9	48.6	45.4	43.7	43.8	45.3	46.8	48.3	48.7	51.6	51.6	50.9
60% Exceedance	49.3	48.1	45.2	43.4	43.5	45.1	46.7	48.1	48.5	51.4	51.5	50.5
70% Exceedance	48.8	48.0	45.0	43.2	43.4	44.9	46.5	47.9	48.2	51.2	51.3	50.3
80% Exceedance	48.6	47.7	44.9	43.0	43.2	44.7	46.2	47.6	48.0	50.7	50.9	50.0
90% Exceedance	48.4	47.1	44.6	42.6	43.0	44.4	45.9	47.2	47.7	50.4	50.5	49.6
Full Simulation Period Average^a	49.9	48.6	45.6	43.8	43.9	45.3	46.9	48.4	48.9	51.5	51.7	51.0
Wet Water Years (32%)	48.8	47.8	45.3	43.6	43.5	44.9	46.5	48.0	48.9	51.2	51.2	50.3
Above Normal Years (15%)	49.2	48.0	45.4	43.8	43.7	45.2	46.8	48.5	49.0	51.7	51.2	50.2
Below Normal Years (17%)	49.9	48.8	45.7	43.6	43.5	45.1	46.6	47.9	48.3	51.3	51.6	50.9
Dry Years (22%)	50.4	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	50.1	52.3	53.0	53.1

Table 6C-3-1c. Clear Creek at Igo, Alternative 1A 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (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 Years (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 Years (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.

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

* 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.

Table 6C-3-2a. Clear Creek at Igo, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	51.9	50.2	47.1	45.2	45.4	46.5	48.1	49.6	50.1	52.7	53.0	52.8
20% Exceedance	51.1	49.6	46.6	44.4	44.5	46.0	47.7	49.1	49.8	52.3	52.5	51.9
30% Exceedance	50.5	49.2	46.0	44.2	44.2	45.6	47.2	48.8	49.4	51.9	52.2	51.6
40% Exceedance	50.1	49.0	45.8	43.9	44.0	45.4	46.9	48.6	49.0	51.8	51.8	51.3
50% Exceedance	49.9	48.6	45.4	43.7	43.8	45.3	46.8	48.3	48.7	51.6	51.6	50.9
60% Exceedance	49.3	48.1	45.2	43.4	43.6	45.1	46.6	48.1	48.5	51.4	51.5	50.5
70% Exceedance	48.8	47.9	45.0	43.2	43.4	44.9	46.5	47.9	48.2	51.2	51.3	50.3
80% Exceedance	48.6	47.7	44.9	43.0	43.2	44.7	46.2	47.6	48.0	50.7	50.9	50.0
90% Exceedance	48.4	47.1	44.6	42.6	43.0	44.4	45.9	47.2	47.7	50.5	50.5	49.6
Full Simulation Period Average^a	49.9	48.6	45.7	43.8	43.9	45.3	46.9	48.4	48.9	51.5	51.7	51.0
Wet Water Years (32%)	48.8	47.9	45.4	43.6	43.5	44.9	46.5	48.0	48.9	51.2	51.2	50.3
Above Normal Years (15%)	49.2	48.0	45.4	43.8	43.7	45.2	46.8	48.5	49.0	51.7	51.2	50.2
Below Normal Years (17%)	49.9	48.8	45.7	43.6	43.5	45.1	46.6	47.9	48.3	51.3	51.6	50.9
Dry Years (22%)	50.4	49.0	45.9	43.6	44.1	45.5	47.0	48.3	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	50.1	52.3	53.0	53.1

Table 6C-3-2b. Clear Creek at Igo, Alternative 1B 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	51.9	50.2	47.1	45.2	45.4	46.5	48.1	49.6	50.1	52.7	53.0	52.8
20% Exceedance	51.1	49.6	46.6	44.5	44.5	46.0	47.7	49.1	49.8	52.3	52.5	51.9
30% Exceedance	50.5	49.2	46.0	44.2	44.2	45.6	47.2	48.8	49.4	51.9	52.2	51.6
40% Exceedance	50.1	49.0	45.8	43.9	44.0	45.4	46.9	48.6	49.0	51.8	51.8	51.3
50% Exceedance	49.9	48.6	45.4	43.7	43.8	45.3	46.8	48.3	48.7	51.6	51.6	50.9
60% Exceedance	49.3	48.1	45.2	43.4	43.5	45.1	46.6	48.0	48.5	51.4	51.5	50.5
70% Exceedance	48.8	48.0	45.0	43.2	43.4	44.9	46.4	47.9	48.2	51.2	51.3	50.3
80% Exceedance	48.6	47.7	44.9	43.0	43.2	44.7	46.2	47.6	48.0	50.7	50.9	50.0
90% Exceedance	48.4	47.1	44.6	42.6	43.0	44.4	45.9	47.2	47.7	50.5	50.5	49.6
Full Simulation Period Average^a	49.9	48.6	45.6	43.8	43.9	45.3	46.9	48.4	48.9	51.5	51.7	51.0
Wet Water Years (32%)	48.8	47.8	45.4	43.6	43.6	44.9	46.5	48.0	48.9	51.2	51.2	50.3
Above Normal Years (15%)	49.2	48.0	45.4	43.8	43.7	45.2	46.8	48.5	49.0	51.7	51.2	50.2
Below Normal Years (17%)	49.9	48.8	45.7	43.6	43.5	45.1	46.6	47.9	48.3	51.3	51.6	50.9
Dry Years (22%)	50.4	49.0	45.9	43.6	44.1	45.5	47.0	48.3	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	50.1	52.3	53.0	53.1

Table 6C-3-2c. Clear Creek at Igo, Alternative 1B 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (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 Years (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 Years (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.

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

* 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.

Table 6C-3-3a. Clear Creek at Igo, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	51.9	50.2	47.1	45.2	45.4	46.5	48.1	49.6	50.1	52.7	53.0	52.8
20% Exceedance	51.1	49.6	46.6	44.4	44.5	46.0	47.7	49.1	49.8	52.3	52.5	51.9
30% Exceedance	50.5	49.2	46.0	44.2	44.2	45.6	47.2	48.8	49.4	51.9	52.2	51.6
40% Exceedance	50.1	49.0	45.8	43.9	44.0	45.4	46.9	48.6	49.0	51.8	51.8	51.3
50% Exceedance	49.9	48.6	45.4	43.7	43.8	45.3	46.8	48.3	48.7	51.6	51.6	50.9
60% Exceedance	49.3	48.1	45.2	43.4	43.6	45.1	46.6	48.1	48.5	51.4	51.5	50.5
70% Exceedance	48.8	47.9	45.0	43.2	43.4	44.9	46.5	47.9	48.2	51.2	51.3	50.3
80% Exceedance	48.6	47.7	44.9	43.0	43.2	44.7	46.2	47.6	48.0	50.7	50.9	50.0
90% Exceedance	48.4	47.1	44.6	42.6	43.0	44.4	45.9	47.2	47.7	50.5	50.5	49.6
Full Simulation Period Average^a	49.9	48.6	45.7	43.8	43.9	45.3	46.9	48.4	48.9	51.5	51.7	51.0
Wet Water Years (32%)	48.8	47.9	45.4	43.6	43.5	44.9	46.5	48.0	48.9	51.2	51.2	50.3
Above Normal Years (15%)	49.2	48.0	45.4	43.8	43.7	45.2	46.8	48.5	49.0	51.7	51.2	50.2
Below Normal Years (17%)	49.9	48.8	45.7	43.6	43.5	45.1	46.6	47.9	48.3	51.3	51.6	50.9
Dry Years (22%)	50.4	49.0	45.9	43.6	44.1	45.5	47.0	48.3	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	50.1	52.3	53.0	53.1

Table 6C-3-3b. Clear Creek at Igo, Alternative 2 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	51.9	50.2	47.1	45.2	45.4	46.5	48.1	49.6	50.1	52.7	53.0	52.8
20% Exceedance	51.1	49.6	46.6	44.5	44.5	46.0	47.7	49.1	49.8	52.3	52.5	51.9
30% Exceedance	50.5	49.2	46.0	44.2	44.2	45.6	47.2	48.8	49.4	51.9	52.2	51.6
40% Exceedance	50.1	49.0	45.8	43.9	44.0	45.4	46.9	48.5	49.0	51.8	51.8	51.3
50% Exceedance	49.9	48.6	45.4	43.7	43.8	45.3	46.8	48.3	48.7	51.6	51.6	50.9
60% Exceedance	49.3	48.1	45.2	43.4	43.5	45.1	46.7	48.0	48.5	51.4	51.5	50.5
70% Exceedance	48.8	48.0	45.0	43.2	43.4	44.9	46.4	47.9	48.2	51.2	51.3	50.3
80% Exceedance	48.6	47.7	44.9	43.0	43.2	44.7	46.2	47.6	48.0	50.7	50.9	50.0
90% Exceedance	48.4	47.1	44.6	42.6	43.0	44.4	45.9	47.2	47.7	50.4	50.5	49.6
Full Simulation Period Average^a	49.9	48.6	45.6	43.8	43.9	45.3	46.9	48.4	48.9	51.5	51.7	51.0
Wet Water Years (32%)	48.8	47.8	45.4	43.6	43.6	44.9	46.5	48.0	48.9	51.2	51.2	50.3
Above Normal Years (15%)	49.2	48.0	45.4	43.8	43.7	45.2	46.8	48.5	49.0	51.7	51.2	50.2
Below Normal Years (17%)	49.9	48.8	45.7	43.6	43.5	45.1	46.6	47.9	48.3	51.3	51.6	50.9
Dry Years (22%)	50.4	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	50.1	52.3	53.0	53.1

Table 6C-3-3c. Clear Creek at Igo, Alternative 2 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (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 Years (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 Years (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.

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

* 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.

Table 6C-3-4a. Clear Creek at Igo, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	51.9	50.2	47.1	45.2	45.4	46.5	48.1	49.6	50.1	52.7	53.0	52.8
20% Exceedance	51.1	49.6	46.6	44.4	44.5	46.0	47.7	49.1	49.8	52.3	52.5	51.9
30% Exceedance	50.5	49.2	46.0	44.2	44.2	45.6	47.2	48.8	49.4	51.9	52.2	51.6
40% Exceedance	50.1	49.0	45.8	43.9	44.0	45.4	46.9	48.6	49.0	51.8	51.8	51.3
50% Exceedance	49.9	48.6	45.4	43.7	43.8	45.3	46.8	48.3	48.7	51.6	51.6	50.9
60% Exceedance	49.3	48.1	45.2	43.4	43.6	45.1	46.6	48.1	48.5	51.4	51.5	50.5
70% Exceedance	48.8	47.9	45.0	43.2	43.4	44.9	46.5	47.9	48.2	51.2	51.3	50.3
80% Exceedance	48.6	47.7	44.9	43.0	43.2	44.7	46.2	47.6	48.0	50.7	50.9	50.0
90% Exceedance	48.4	47.1	44.6	42.6	43.0	44.4	45.9	47.2	47.7	50.5	50.5	49.6
Full Simulation Period Average^a	49.9	48.6	45.7	43.8	43.9	45.3	46.9	48.4	48.9	51.5	51.7	51.0
Wet Water Years (32%)	48.8	47.9	45.4	43.6	43.5	44.9	46.5	48.0	48.9	51.2	51.2	50.3
Above Normal Years (15%)	49.2	48.0	45.4	43.8	43.7	45.2	46.8	48.5	49.0	51.7	51.2	50.2
Below Normal Years (17%)	49.9	48.8	45.7	43.6	43.5	45.1	46.6	47.9	48.3	51.3	51.6	50.9
Dry Years (22%)	50.4	49.0	45.9	43.6	44.1	45.5	47.0	48.3	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	50.1	52.3	53.0	53.1

Table 6C-3-4b. Clear Creek at Igo, Alternative 3 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	51.9	50.2	47.1	45.2	45.4	46.5	48.1	49.6	50.1	52.7	53.0	52.8
20% Exceedance	51.1	49.6	46.6	44.4	44.5	46.0	47.7	49.1	49.8	52.2	52.5	51.9
30% Exceedance	50.5	49.2	46.0	44.2	44.2	45.6	47.2	48.8	49.4	51.9	52.2	51.6
40% Exceedance	50.1	49.0	45.8	43.9	44.0	45.4	46.9	48.6	49.0	51.8	51.8	51.3
50% Exceedance	49.9	48.6	45.4	43.7	43.8	45.3	46.8	48.3	48.7	51.6	51.6	50.9
60% Exceedance	49.3	48.1	45.2	43.4	43.5	45.1	46.6	48.0	48.5	51.4	51.5	50.5
70% Exceedance	48.9	48.0	45.0	43.2	43.4	44.9	46.5	47.9	48.2	51.1	51.3	50.3
80% Exceedance	48.6	47.7	44.9	43.0	43.2	44.7	46.2	47.6	48.0	50.7	50.9	50.0
90% Exceedance	48.4	47.1	44.6	42.6	43.0	44.4	45.9	47.2	47.7	50.5	50.5	49.6
Full Simulation Period Average^a	49.9	48.6	45.6	43.8	43.9	45.3	46.9	48.4	48.9	51.5	51.7	51.0
Wet Water Years (32%)	48.8	47.8	45.3	43.6	43.6	44.9	46.5	48.0	48.9	51.2	51.2	50.3
Above Normal Years (15%)	49.2	48.0	45.4	43.8	43.7	45.2	46.8	48.5	49.0	51.7	51.2	50.2
Below Normal Years (17%)	49.9	48.8	45.7	43.6	43.5	45.1	46.6	47.9	48.3	51.3	51.6	50.9
Dry Years (22%)	50.4	49.0	45.9	43.6	44.1	45.5	47.0	48.3	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	50.1	52.3	53.0	53.1

Table 6C-3-4c. Clear Creek at Igo, Alternative 3 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (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 Years (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 Years (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

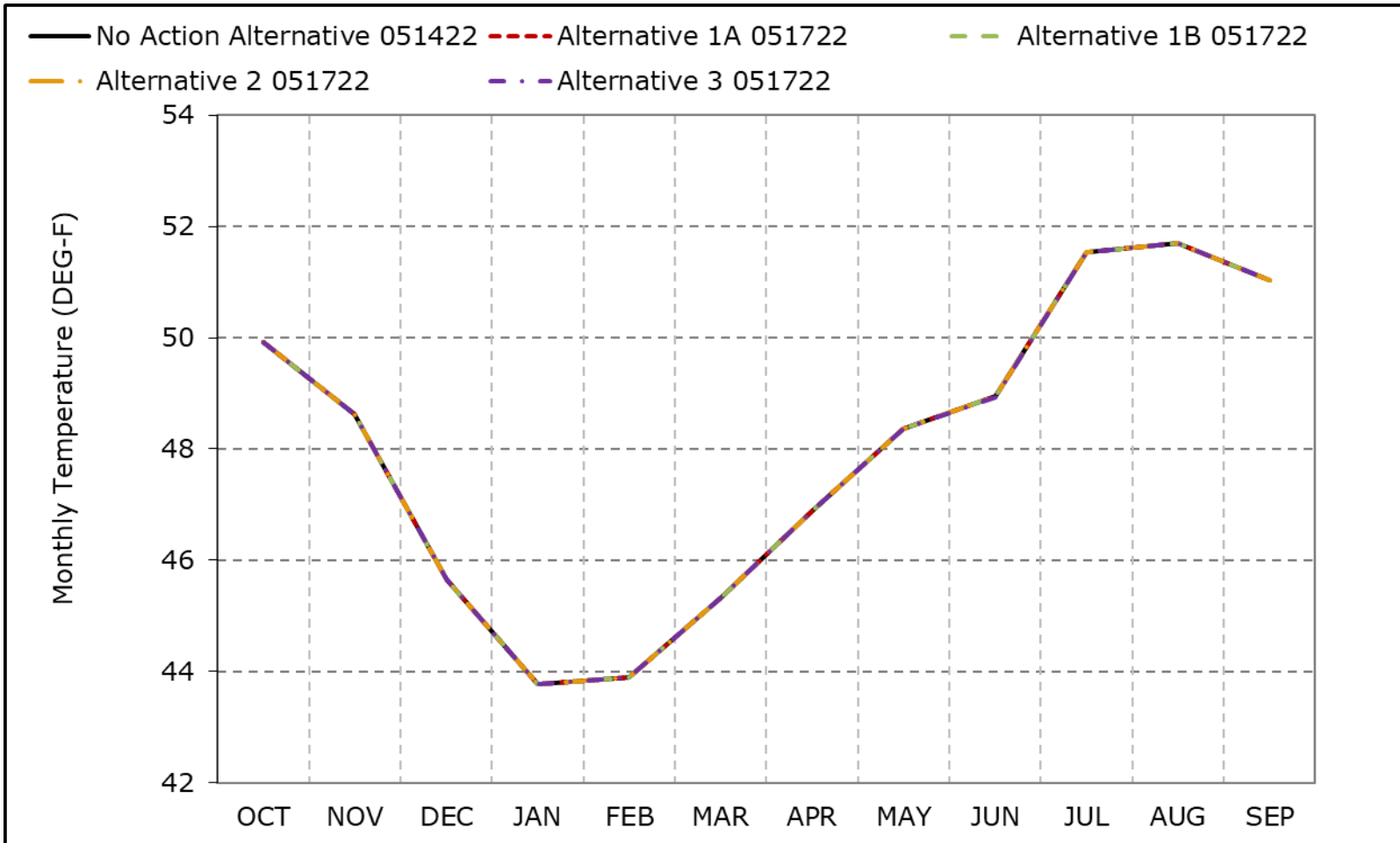
^a Based on the 82-year simulation period.

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

* 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.

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

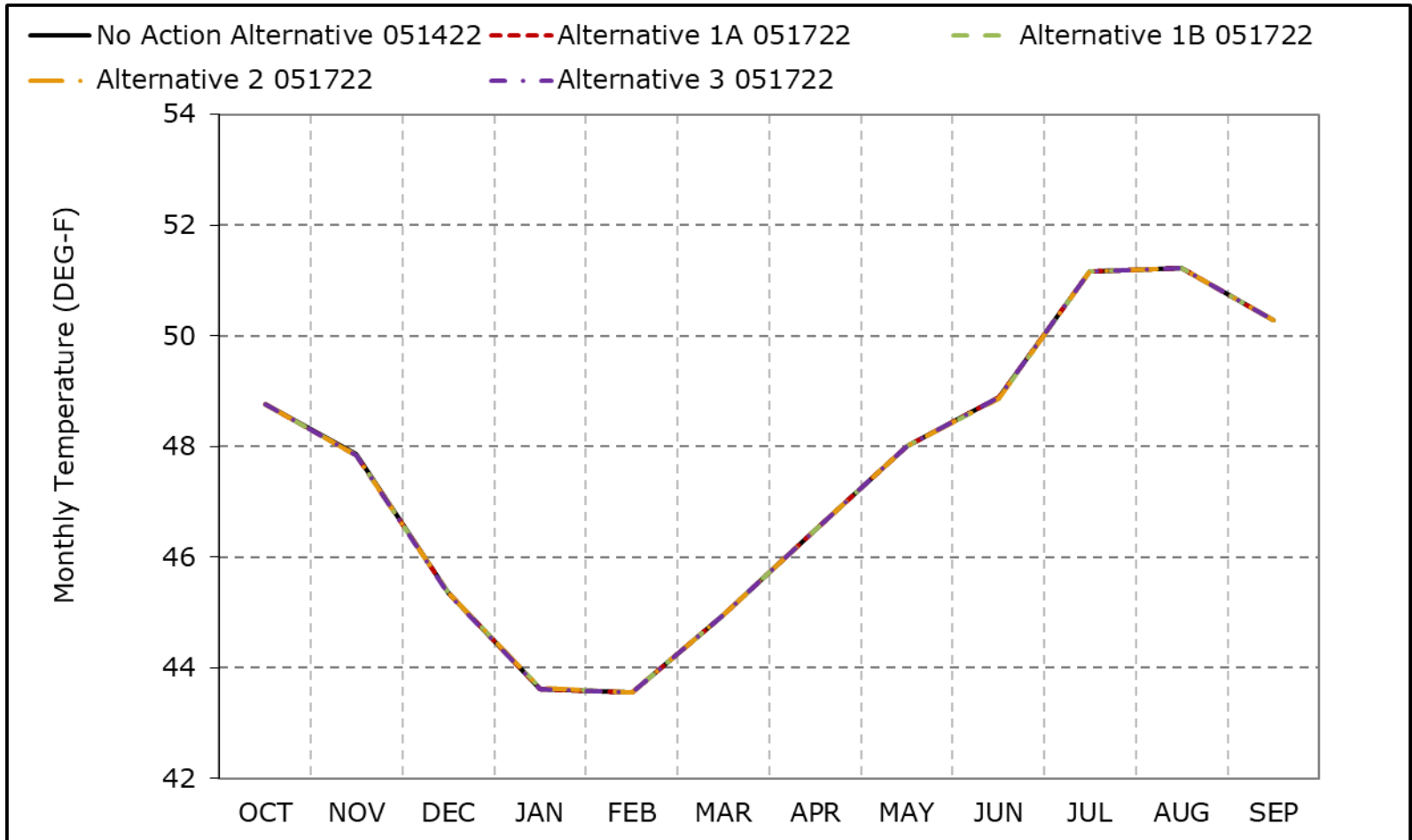


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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

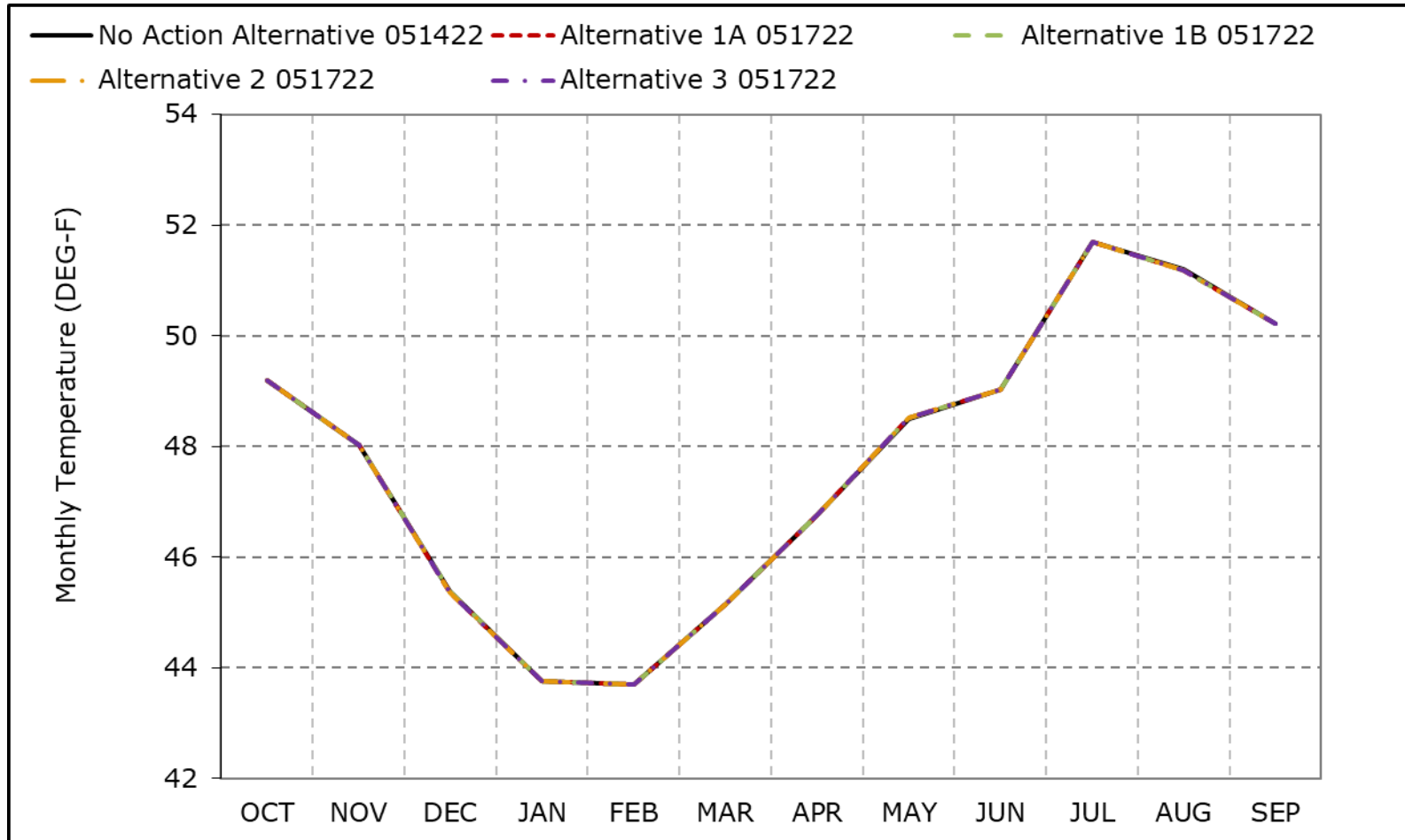


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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

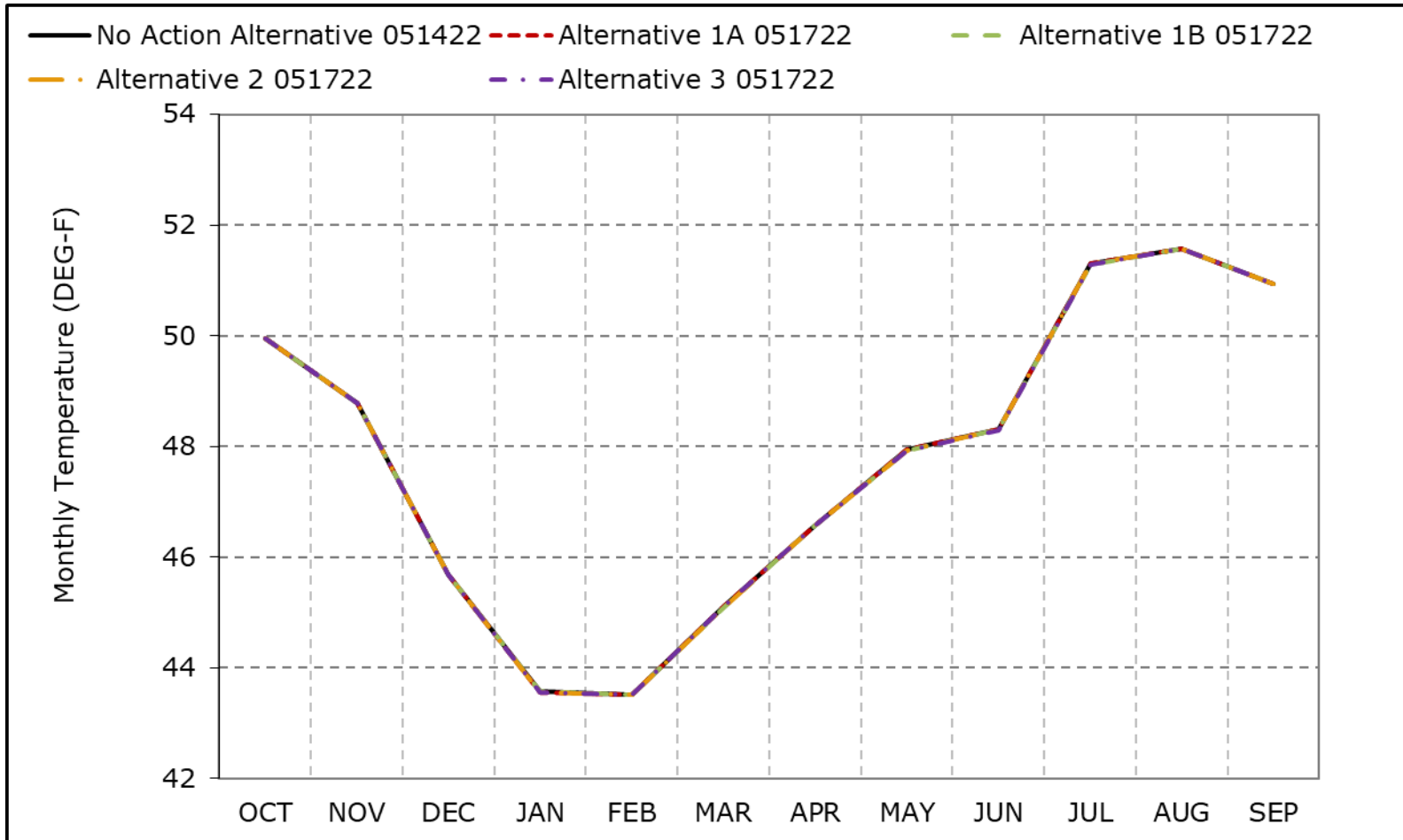


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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

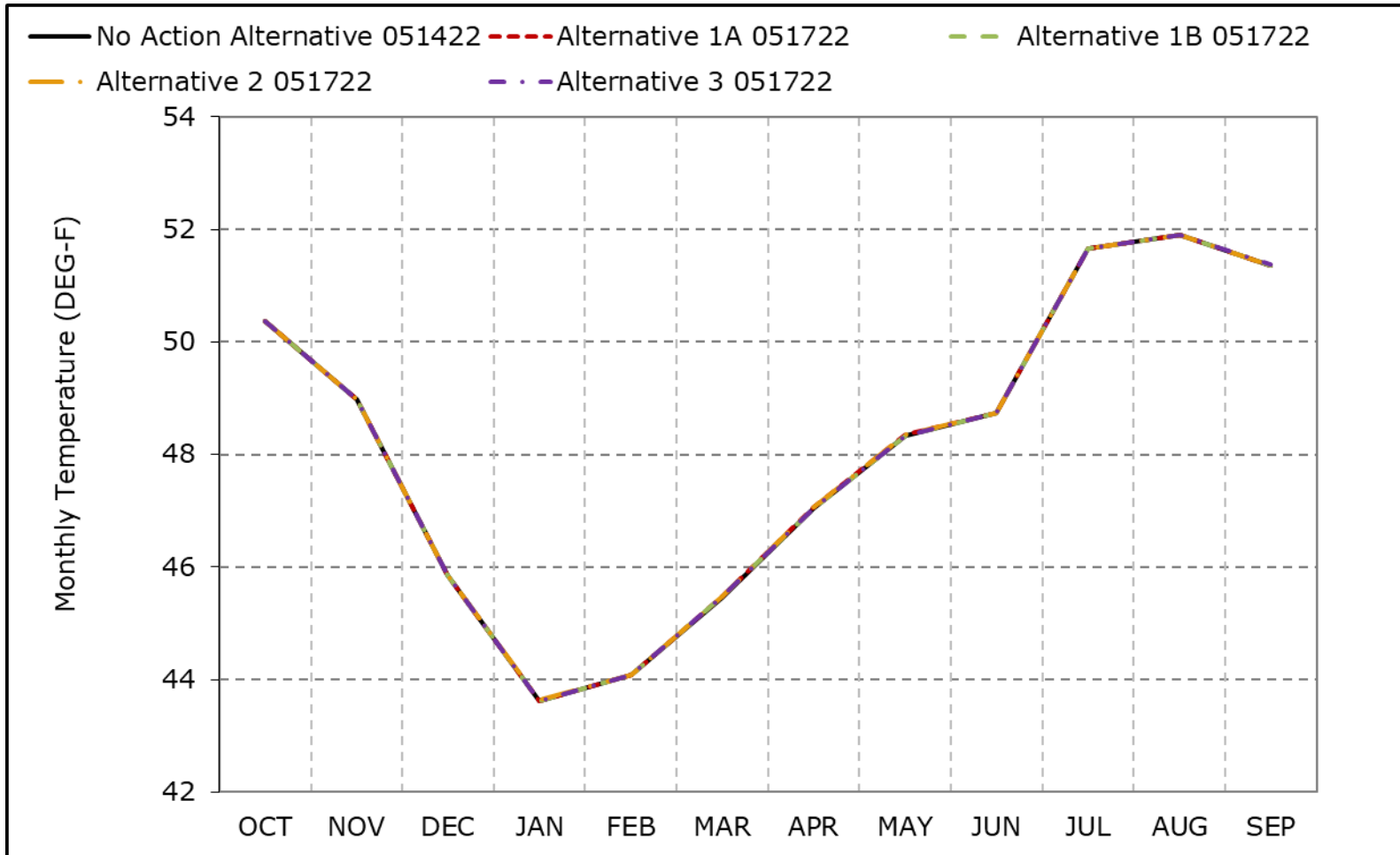


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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

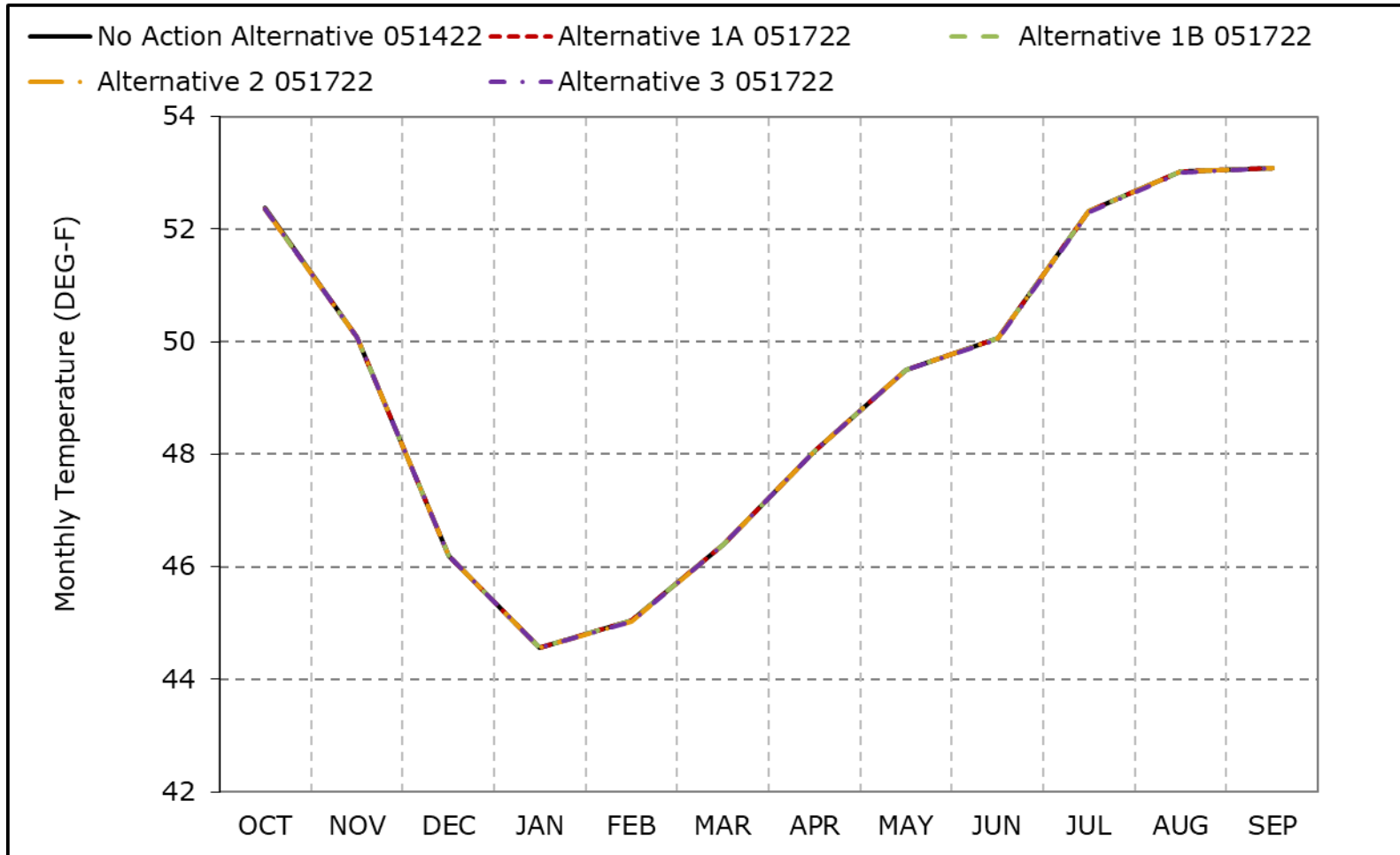


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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

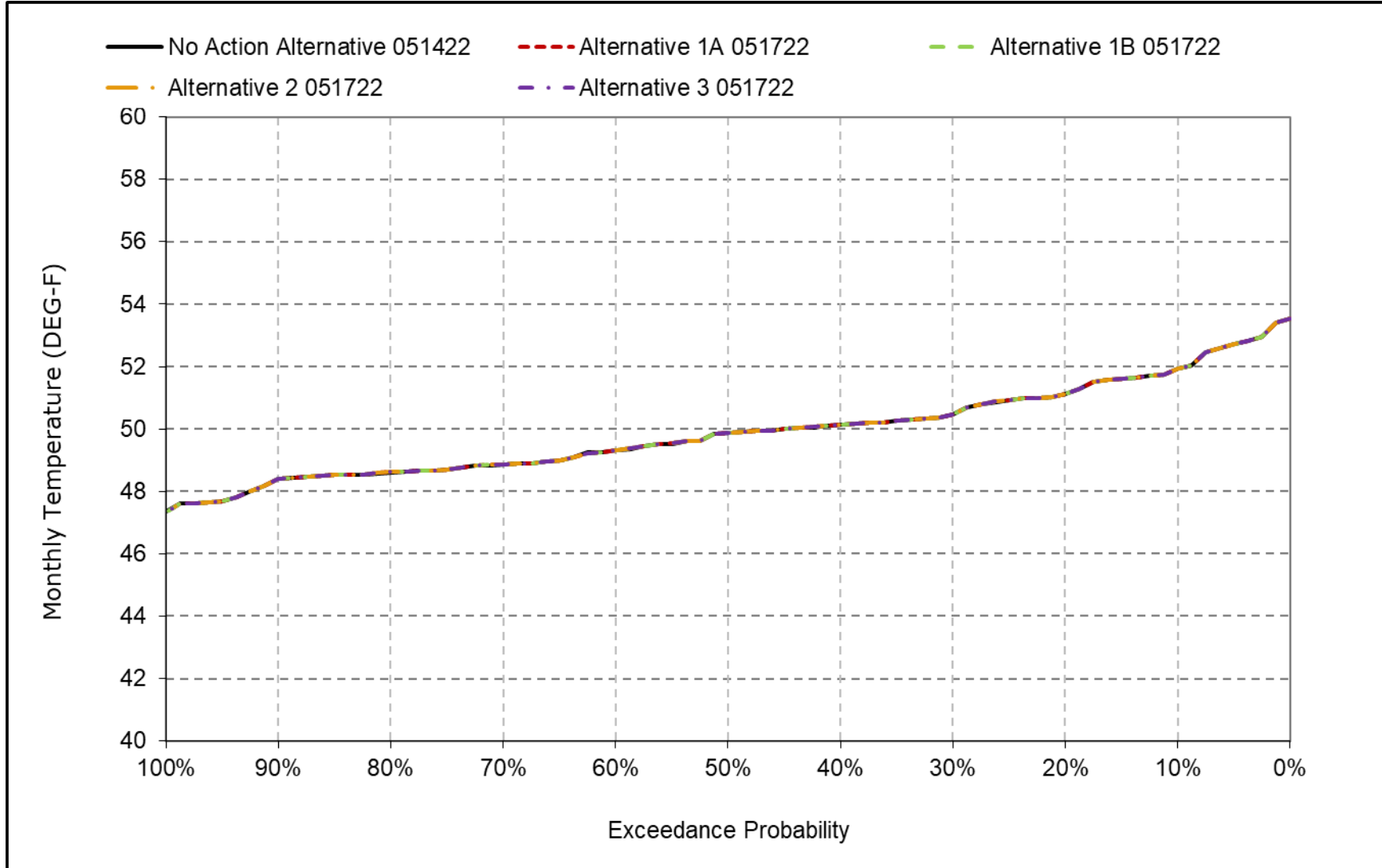


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

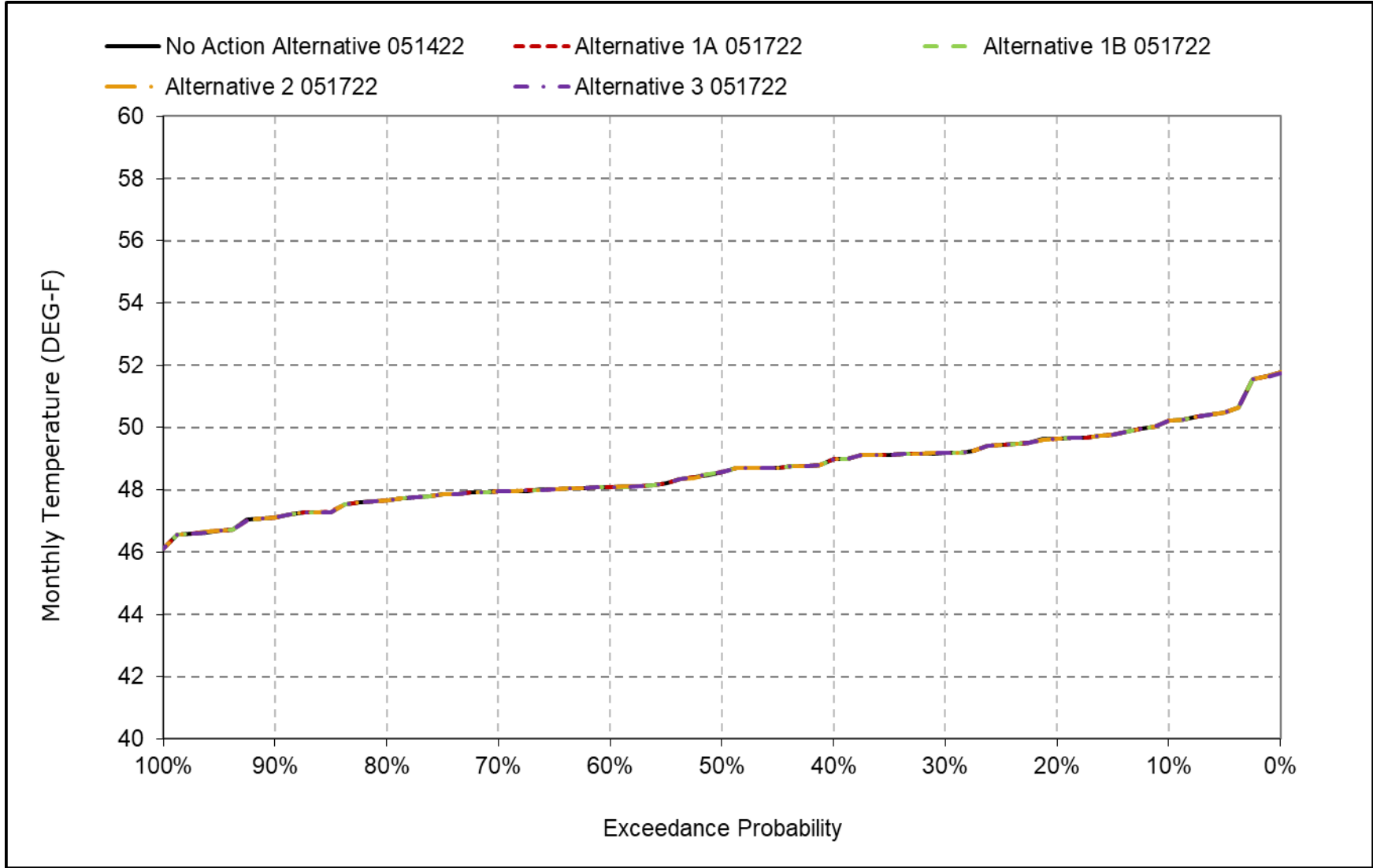
*All scenarios are simulated at current climate and 0 cm sea level rise.

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



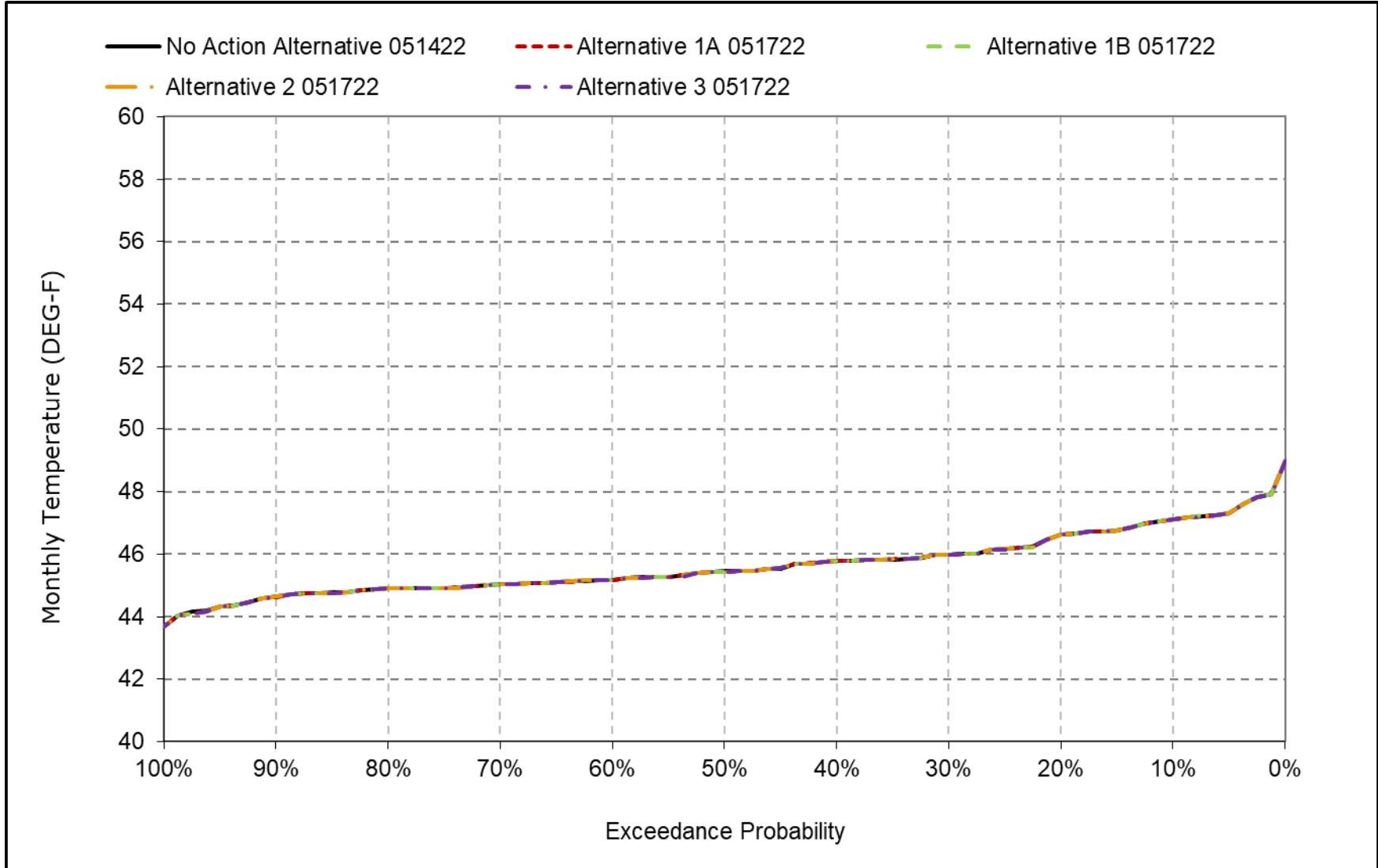
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



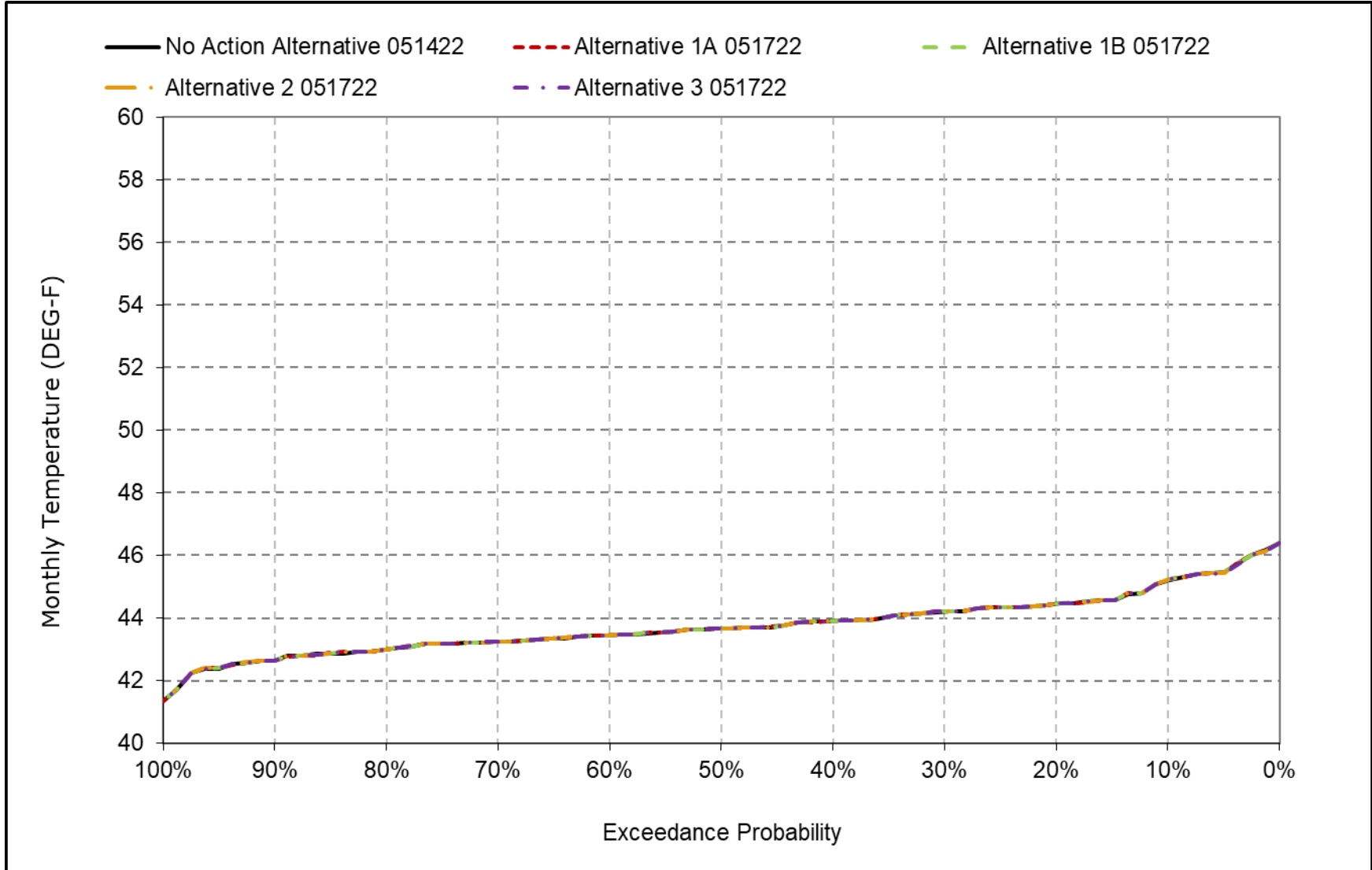
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



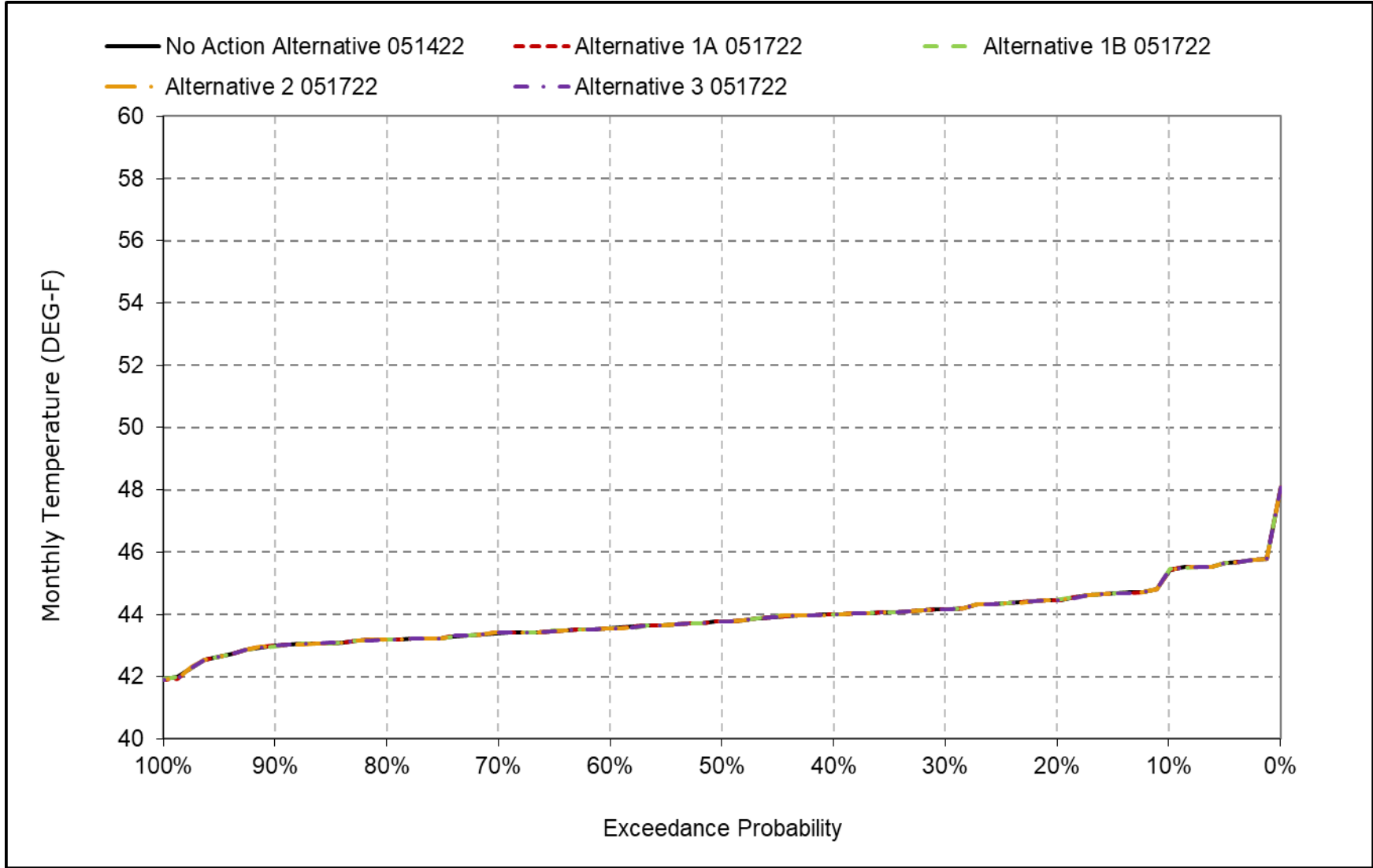
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



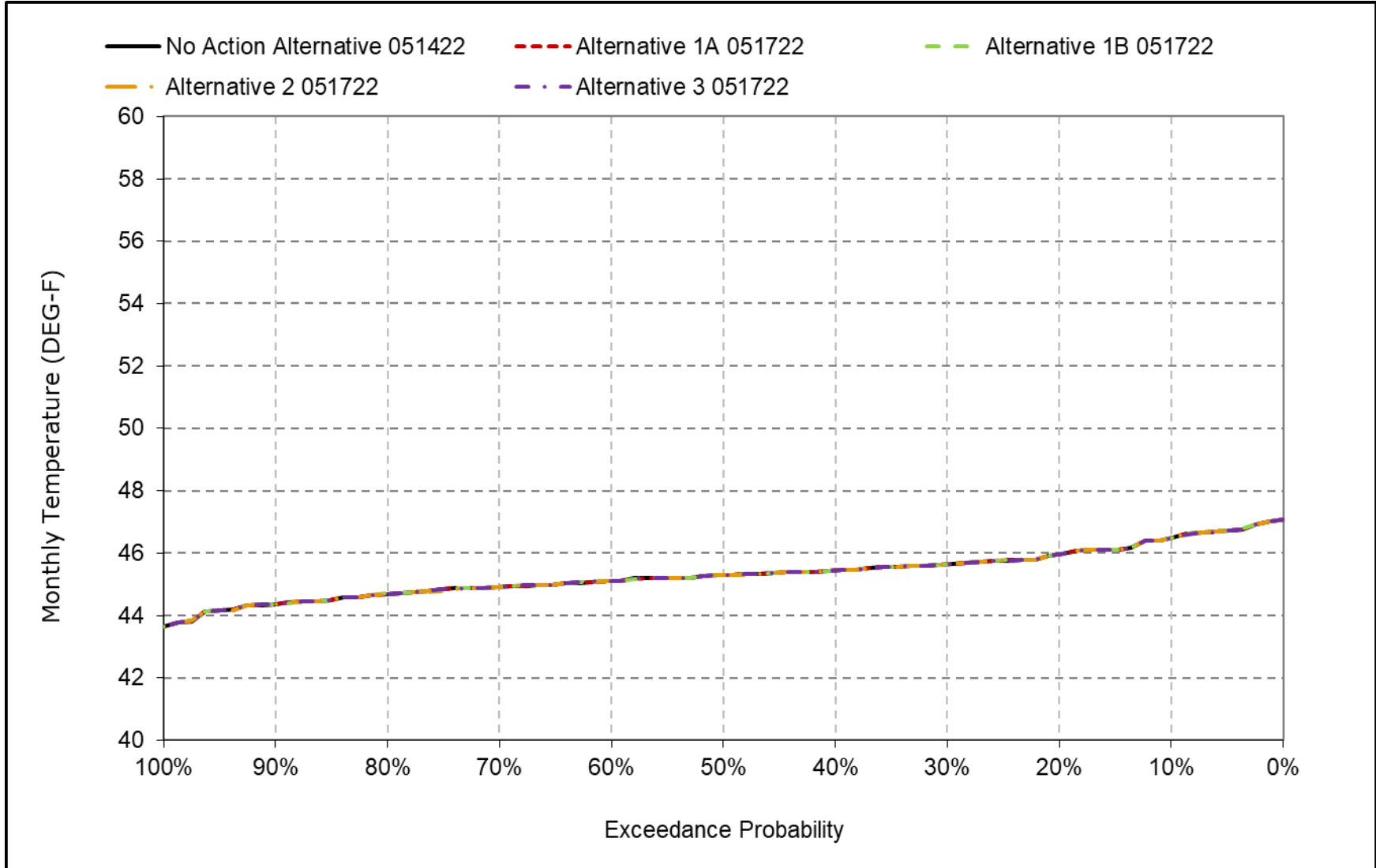
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



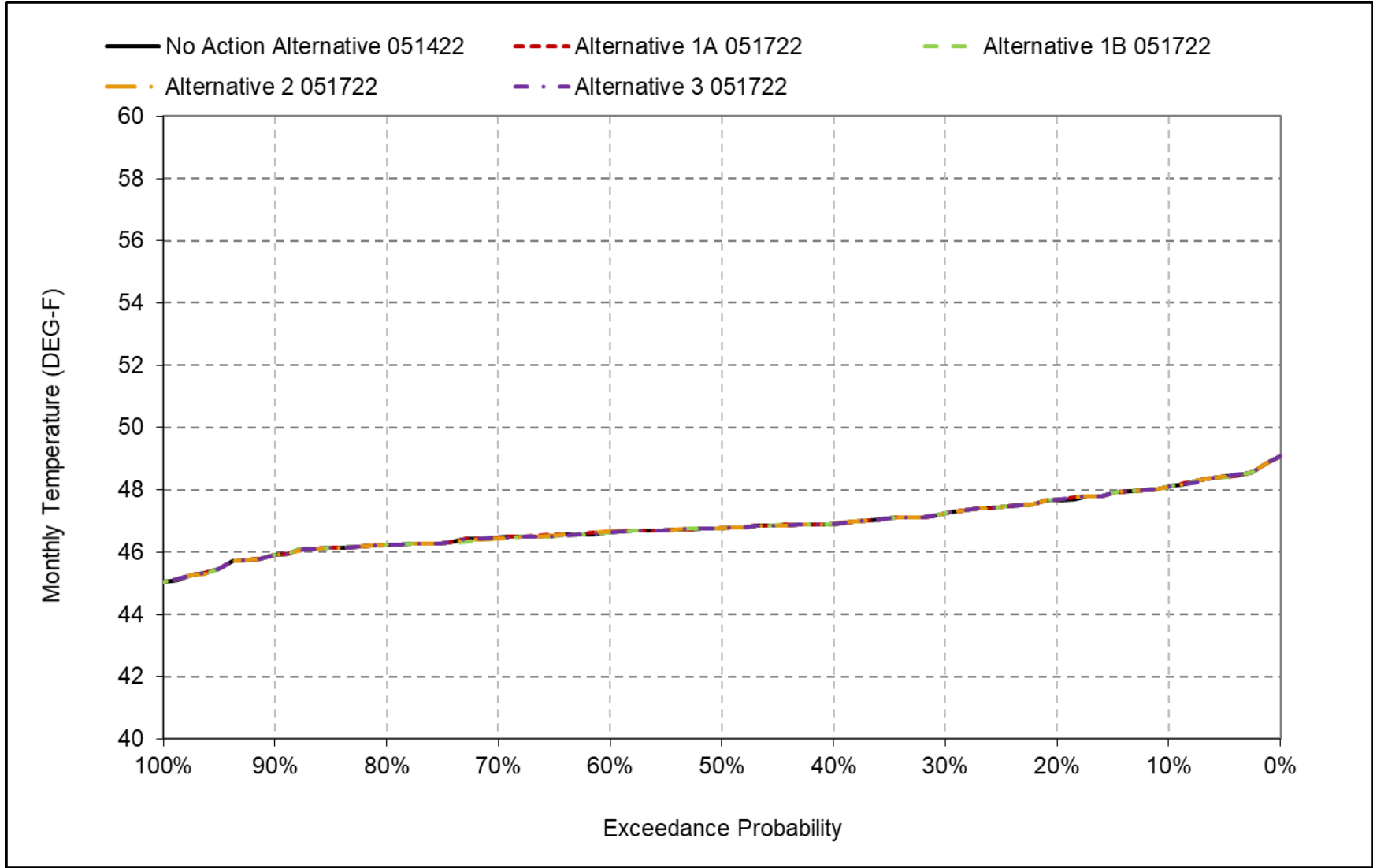
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



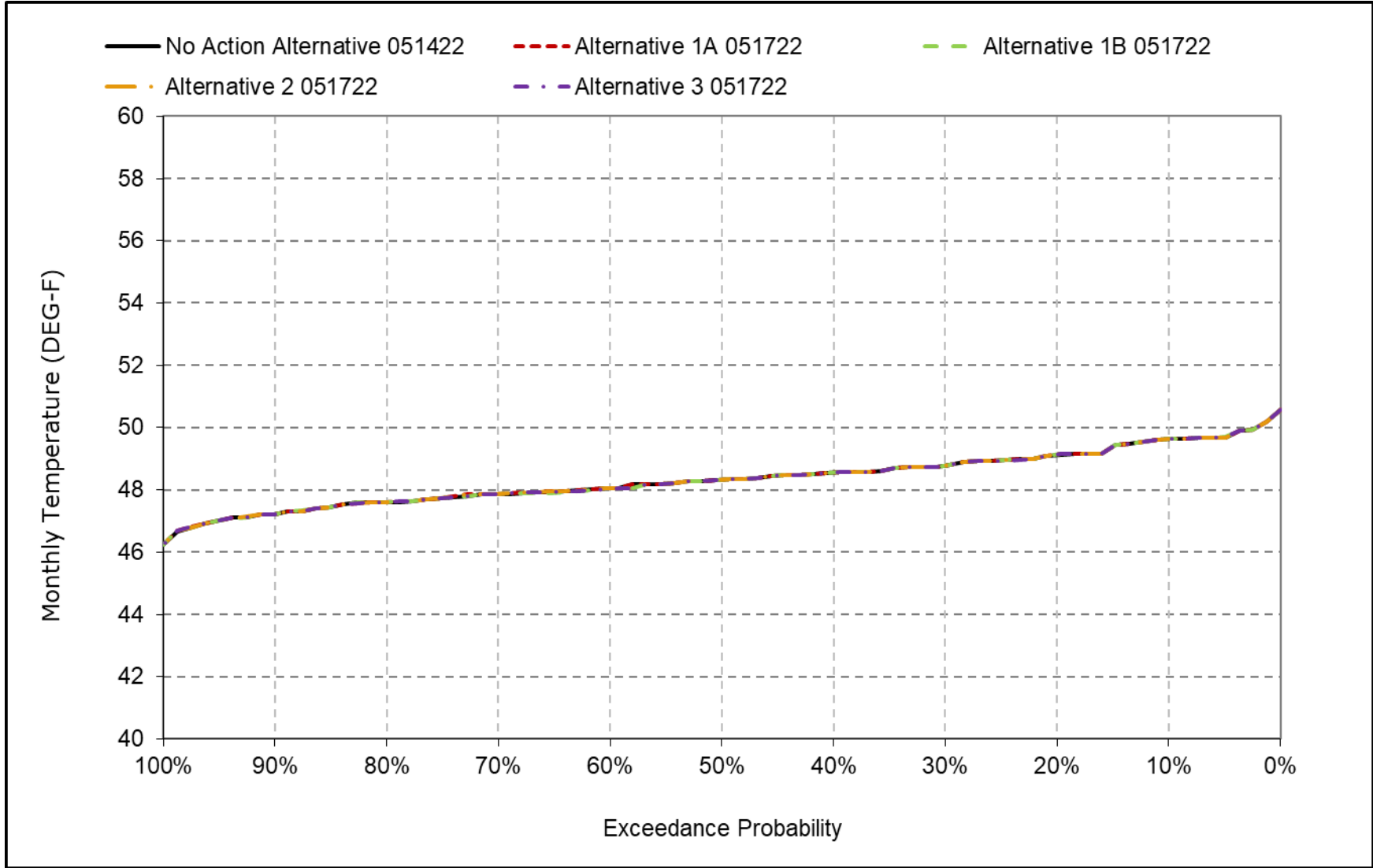
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



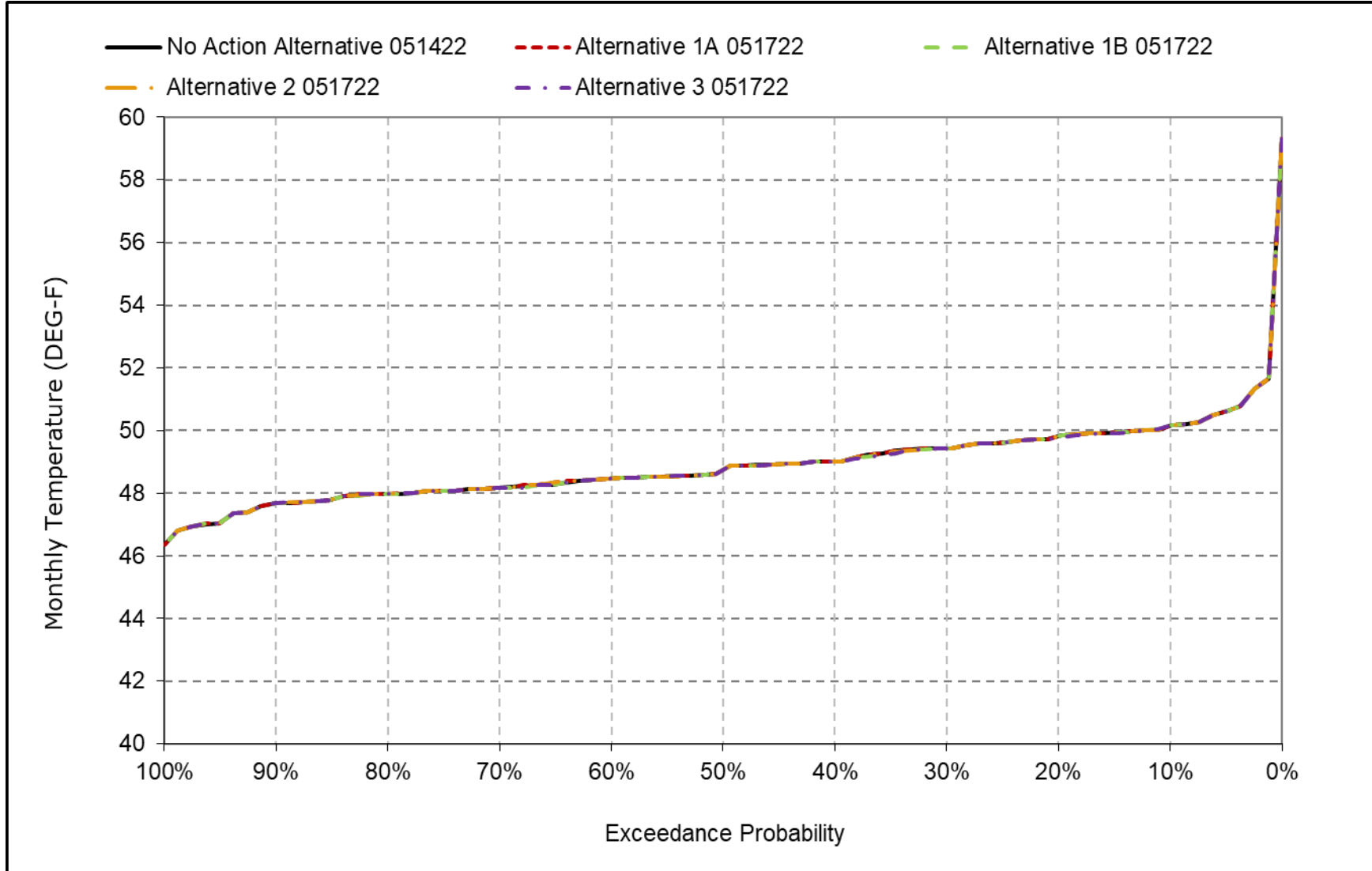
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



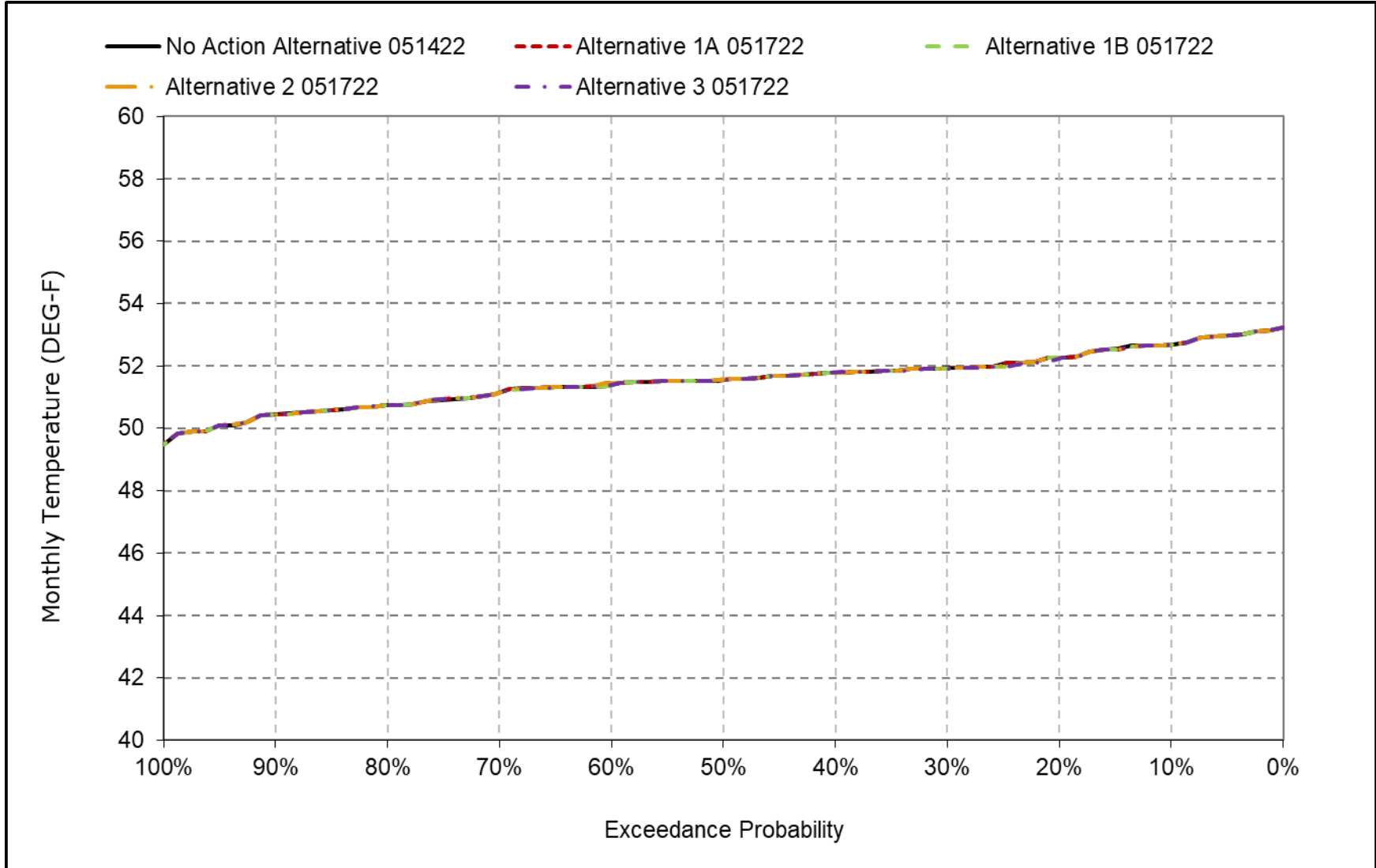
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



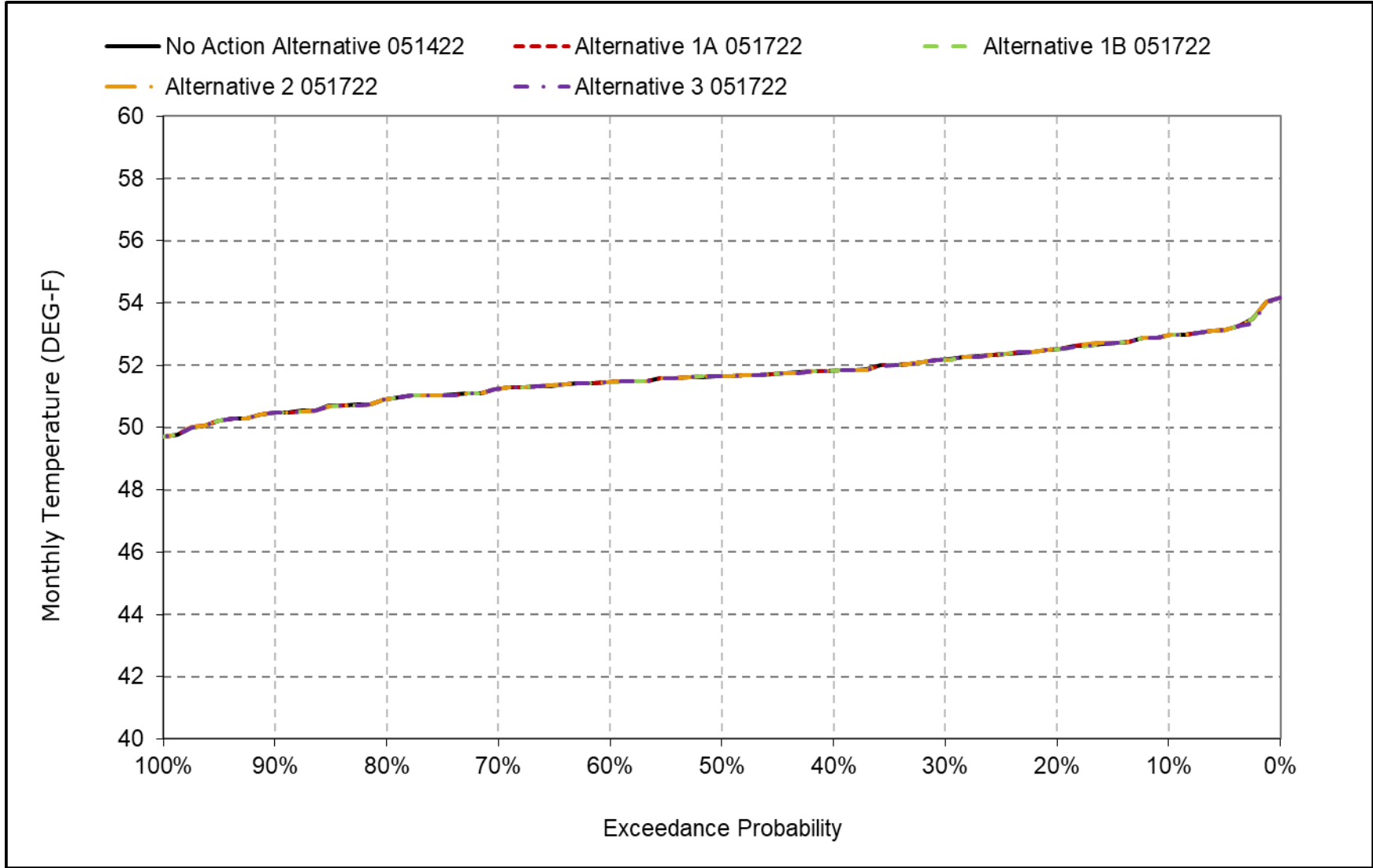
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



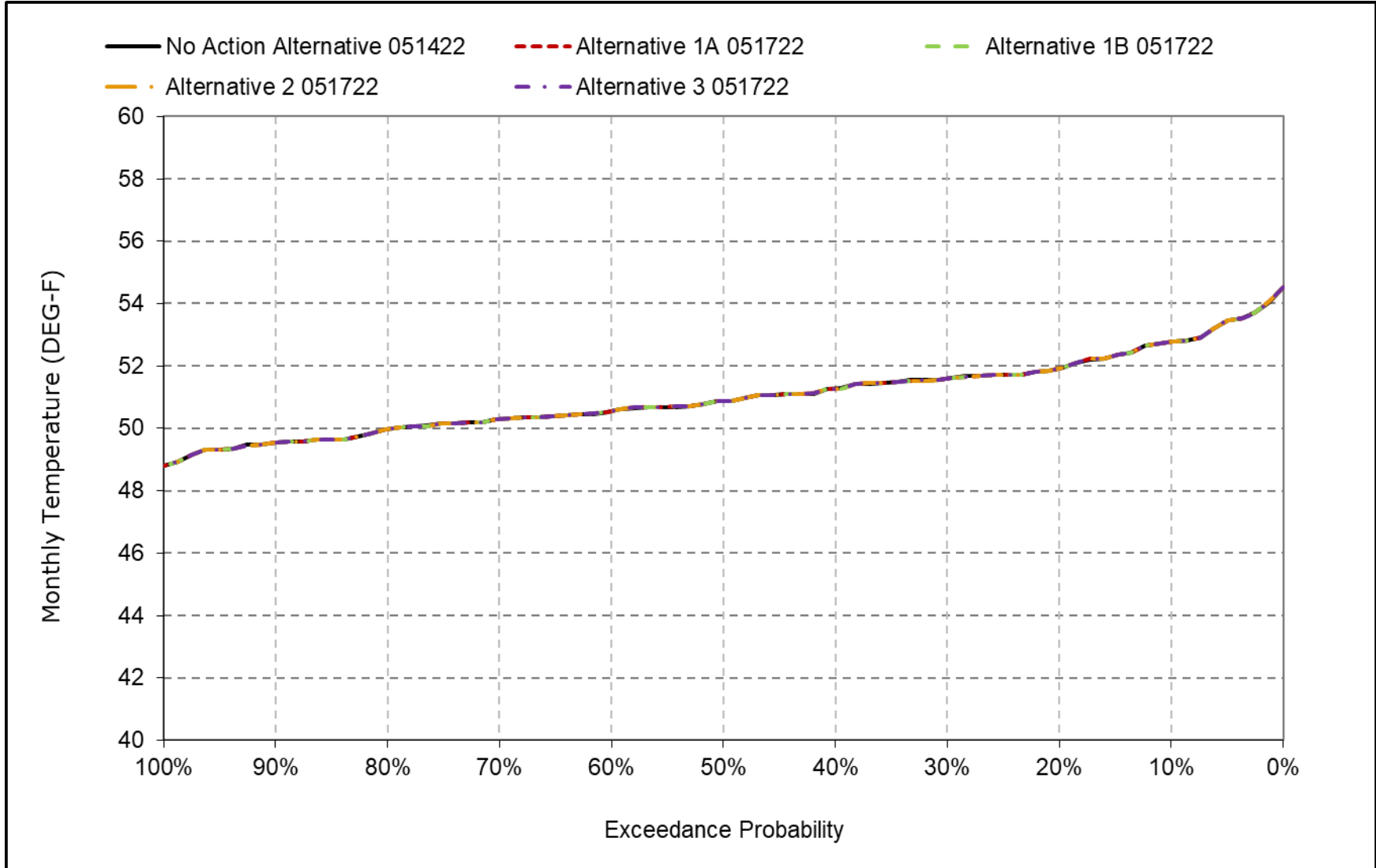
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



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

Figure 6C-3-18. Clear Creek at Igo, 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 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	52.9	50.5	47.4	45.6	45.9	47.8	50.1	52.2	52.5	56.5	56.0	55.0
20% Exceedance	52.1	50.0	46.7	44.8	45.1	47.2	49.4	51.5	51.7	56.0	55.7	54.3
30% Exceedance	51.4	49.5	46.2	44.5	44.8	46.9	48.9	51.1	51.5	55.6	55.3	54.0
40% Exceedance	51.2	49.3	45.9	44.3	44.5	46.6	48.6	50.9	51.1	55.4	55.1	53.5
50% Exceedance	50.8	48.9	45.6	44.0	44.3	46.3	48.4	50.5	50.7	55.3	54.9	53.3
60% Exceedance	50.3	48.4	45.3	43.8	44.0	46.2	48.2	50.4	50.3	55.1	54.6	52.9
70% Exceedance	49.8	48.3	45.1	43.5	43.8	46.0	48.0	50.1	50.1	54.8	54.5	52.7
80% Exceedance	49.6	48.0	45.0	43.3	43.6	45.7	47.8	49.7	49.9	54.5	54.1	52.3
90% Exceedance	49.4	47.5	44.7	43.0	43.4	45.4	47.4	49.5	49.5	54.2	53.7	51.8
Full Simulation Period Average^a	50.9	49.0	45.8	44.1	44.4	46.5	48.6	50.7	50.9	55.3	54.9	53.4
Wet Water Years (32%)	49.8	48.2	45.5	44.0	43.9	46.1	48.0	50.3	50.8	55.0	54.5	52.7
Above Normal Years (15%)	50.2	48.3	45.5	44.1	44.1	46.3	48.4	50.8	51.0	55.4	54.4	52.6
Below Normal Years (17%)	50.9	49.1	45.8	43.8	43.9	46.2	48.2	50.1	50.2	55.0	54.7	53.2
Dry Years (22%)	51.3	49.3	46.0	43.9	44.7	46.6	48.7	50.5	50.7	55.3	55.1	53.6
Critical (15%)	53.5	50.5	46.3	44.8	45.9	47.8	50.1	52.2	52.5	56.0	56.1	55.3

Table 6C-4-1b. Clear Creek at Mouth, Alternative 1A 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	52.9	50.5	47.4	45.6	45.9	47.8	50.1	52.2	52.5	56.5	56.0	55.0
20% Exceedance	52.1	50.0	46.7	44.8	45.1	47.2	49.4	51.5	51.7	56.0	55.7	54.3
30% Exceedance	51.4	49.5	46.2	44.5	44.8	46.9	48.9	51.1	51.5	55.7	55.3	53.9
40% Exceedance	51.2	49.3	45.9	44.3	44.5	46.6	48.6	50.9	51.1	55.4	55.1	53.5
50% Exceedance	50.8	48.9	45.6	44.0	44.3	46.3	48.4	50.5	50.7	55.3	54.9	53.3
60% Exceedance	50.3	48.4	45.3	43.8	44.0	46.2	48.2	50.4	50.3	55.1	54.6	52.9
70% Exceedance	49.8	48.3	45.1	43.5	43.8	46.0	48.0	50.1	50.1	54.8	54.5	52.7
80% Exceedance	49.6	48.0	45.0	43.3	43.6	45.7	47.8	49.7	49.9	54.5	54.1	52.3
90% Exceedance	49.4	47.5	44.7	43.0	43.4	45.4	47.4	49.5	49.5	54.2	53.7	51.9
Full Simulation Period Average^a	50.9	49.0	45.8	44.1	44.4	46.5	48.6	50.7	50.9	55.3	54.9	53.4
Wet Water Years (32%)	49.8	48.2	45.5	44.0	43.9	46.1	48.0	50.3	50.8	55.0	54.5	52.7
Above Normal Years (15%)	50.2	48.3	45.5	44.1	44.1	46.3	48.4	50.8	51.0	55.4	54.4	52.6
Below Normal Years (17%)	50.9	49.1	45.8	43.8	43.9	46.2	48.2	50.1	50.2	55.0	54.7	53.2
Dry Years (22%)	51.3	49.3	46.0	43.9	44.7	46.6	48.7	50.6	50.7	55.3	55.1	53.6
Critical (15%)	53.5	50.5	46.3	44.8	45.9	47.8	50.1	52.2	52.5	56.0	56.1	55.3

Table 6C-4-1c. Clear Creek at Mouth, Alternative 1A 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (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 Years (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 Years (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.

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

* 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.

Table 6C-4-2a. Clear Creek at Mouth, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	52.9	50.5	47.4	45.6	45.9	47.8	50.1	52.2	52.5	56.5	56.0	55.0
20% Exceedance	52.1	50.0	46.7	44.8	45.1	47.2	49.4	51.5	51.7	56.0	55.7	54.3
30% Exceedance	51.4	49.5	46.2	44.5	44.8	46.9	48.9	51.1	51.5	55.6	55.3	54.0
40% Exceedance	51.2	49.3	45.9	44.3	44.5	46.6	48.6	50.9	51.1	55.4	55.1	53.5
50% Exceedance	50.8	48.9	45.6	44.0	44.3	46.3	48.4	50.5	50.7	55.3	54.9	53.3
60% Exceedance	50.3	48.4	45.3	43.8	44.0	46.2	48.2	50.4	50.3	55.1	54.6	52.9
70% Exceedance	49.8	48.3	45.1	43.5	43.8	46.0	48.0	50.1	50.1	54.8	54.5	52.7
80% Exceedance	49.6	48.0	45.0	43.3	43.6	45.7	47.8	49.7	49.9	54.5	54.1	52.3
90% Exceedance	49.4	47.5	44.7	43.0	43.4	45.4	47.4	49.5	49.5	54.2	53.7	51.8
Full Simulation Period Average^a	50.9	49.0	45.8	44.1	44.4	46.5	48.6	50.7	50.9	55.3	54.9	53.4
Wet Water Years (32%)	49.8	48.2	45.5	44.0	43.9	46.1	48.0	50.3	50.8	55.0	54.5	52.7
Above Normal Years (15%)	50.2	48.3	45.5	44.1	44.1	46.3	48.4	50.8	51.0	55.4	54.4	52.6
Below Normal Years (17%)	50.9	49.1	45.8	43.8	43.9	46.2	48.2	50.1	50.2	55.0	54.7	53.2
Dry Years (22%)	51.3	49.3	46.0	43.9	44.7	46.6	48.7	50.5	50.7	55.3	55.1	53.6
Critical (15%)	53.5	50.5	46.3	44.8	45.9	47.8	50.1	52.2	52.5	56.0	56.1	55.3

Table 6C-4-2b. Clear Creek at Mouth, Alternative 1B 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	52.9	50.5	47.4	45.6	45.9	47.8	50.1	52.2	52.5	56.5	56.0	55.0
20% Exceedance	52.1	50.0	46.7	44.8	45.1	47.2	49.4	51.5	51.7	56.0	55.7	54.3
30% Exceedance	51.4	49.5	46.2	44.5	44.8	46.9	48.9	51.1	51.5	55.6	55.3	53.9
40% Exceedance	51.2	49.3	45.9	44.3	44.5	46.6	48.6	50.9	51.0	55.4	55.1	53.5
50% Exceedance	50.8	48.9	45.6	44.0	44.3	46.3	48.4	50.5	50.7	55.3	54.9	53.3
60% Exceedance	50.3	48.4	45.3	43.8	44.0	46.2	48.2	50.4	50.3	55.1	54.6	52.9
70% Exceedance	49.8	48.3	45.1	43.5	43.8	46.0	48.0	50.1	50.1	54.8	54.5	52.7
80% Exceedance	49.6	48.0	45.0	43.3	43.6	45.7	47.8	49.7	49.9	54.5	54.1	52.3
90% Exceedance	49.4	47.5	44.7	43.0	43.4	45.4	47.4	49.5	49.5	54.2	53.7	51.9
Full Simulation Period Average^a	50.9	49.0	45.8	44.1	44.4	46.5	48.6	50.7	50.9	55.3	54.9	53.4
Wet Water Years (32%)	49.8	48.2	45.5	44.0	43.9	46.1	48.0	50.2	50.8	55.0	54.5	52.7
Above Normal Years (15%)	50.2	48.3	45.5	44.1	44.1	46.3	48.4	50.8	51.0	55.4	54.4	52.6
Below Normal Years (17%)	50.9	49.1	45.8	43.8	43.9	46.2	48.2	50.1	50.2	55.0	54.7	53.2
Dry Years (22%)	51.3	49.3	46.0	43.9	44.7	46.6	48.7	50.5	50.7	55.3	55.1	53.6
Critical (15%)	53.5	50.5	46.3	44.8	45.9	47.8	50.1	52.2	52.5	56.0	56.1	55.3

Table 6C-4-2c. Clear Creek at Mouth, Alternative 1B 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (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 Years (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 Years (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.

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

* 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.

Table 6C-4-3a. Clear Creek at Mouth, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	52.9	50.5	47.4	45.6	45.9	47.8	50.1	52.2	52.5	56.5	56.0	55.0
20% Exceedance	52.1	50.0	46.7	44.8	45.1	47.2	49.4	51.5	51.7	56.0	55.7	54.3
30% Exceedance	51.4	49.5	46.2	44.5	44.8	46.9	48.9	51.1	51.5	55.6	55.3	54.0
40% Exceedance	51.2	49.3	45.9	44.3	44.5	46.6	48.6	50.9	51.1	55.4	55.1	53.5
50% Exceedance	50.8	48.9	45.6	44.0	44.3	46.3	48.4	50.5	50.7	55.3	54.9	53.3
60% Exceedance	50.3	48.4	45.3	43.8	44.0	46.2	48.2	50.4	50.3	55.1	54.6	52.9
70% Exceedance	49.8	48.3	45.1	43.5	43.8	46.0	48.0	50.1	50.1	54.8	54.5	52.7
80% Exceedance	49.6	48.0	45.0	43.3	43.6	45.7	47.8	49.7	49.9	54.5	54.1	52.3
90% Exceedance	49.4	47.5	44.7	43.0	43.4	45.4	47.4	49.5	49.5	54.2	53.7	51.8
Full Simulation Period Average^a	50.9	49.0	45.8	44.1	44.4	46.5	48.6	50.7	50.9	55.3	54.9	53.4
Wet Water Years (32%)	49.8	48.2	45.5	44.0	43.9	46.1	48.0	50.3	50.8	55.0	54.5	52.7
Above Normal Years (15%)	50.2	48.3	45.5	44.1	44.1	46.3	48.4	50.8	51.0	55.4	54.4	52.6
Below Normal Years (17%)	50.9	49.1	45.8	43.8	43.9	46.2	48.2	50.1	50.2	55.0	54.7	53.2
Dry Years (22%)	51.3	49.3	46.0	43.9	44.7	46.6	48.7	50.5	50.7	55.3	55.1	53.6
Critical (15%)	53.5	50.5	46.3	44.8	45.9	47.8	50.1	52.2	52.5	56.0	56.1	55.3

Table 6C-4-3b. Clear Creek at Mouth, Alternative 2 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	52.9	50.5	47.4	45.6	45.9	47.8	50.1	52.2	52.5	56.5	56.0	55.0
20% Exceedance	52.1	50.0	46.7	44.8	45.1	47.2	49.4	51.5	51.7	56.0	55.7	54.3
30% Exceedance	51.4	49.5	46.2	44.5	44.8	46.9	48.9	51.1	51.5	55.7	55.3	53.9
40% Exceedance	51.2	49.3	45.9	44.3	44.5	46.6	48.6	50.9	51.1	55.4	55.1	53.5
50% Exceedance	50.8	48.9	45.6	44.0	44.3	46.3	48.4	50.5	50.7	55.3	54.9	53.3
60% Exceedance	50.3	48.4	45.3	43.8	44.0	46.2	48.2	50.4	50.3	55.1	54.6	52.9
70% Exceedance	49.8	48.3	45.1	43.5	43.8	46.0	48.0	50.1	50.1	54.8	54.5	52.7
80% Exceedance	49.6	48.0	45.0	43.3	43.6	45.7	47.8	49.7	49.9	54.5	54.1	52.3
90% Exceedance	49.4	47.5	44.7	43.0	43.4	45.4	47.4	49.5	49.5	54.2	53.7	51.8
Full Simulation Period Average^a	50.9	49.0	45.8	44.1	44.4	46.5	48.6	50.7	50.9	55.3	54.9	53.4
Wet Water Years (32%)	49.8	48.2	45.5	44.0	43.9	46.1	48.0	50.3	50.8	55.0	54.5	52.7
Above Normal Years (15%)	50.2	48.3	45.5	44.1	44.1	46.3	48.4	50.8	51.0	55.4	54.4	52.6
Below Normal Years (17%)	50.9	49.1	45.8	43.8	43.9	46.2	48.2	50.1	50.2	55.0	54.7	53.2
Dry Years (22%)	51.3	49.3	46.0	43.9	44.7	46.6	48.7	50.6	50.7	55.3	55.1	53.6
Critical (15%)	53.5	50.5	46.3	44.8	45.9	47.8	50.1	52.2	52.5	56.0	56.1	55.3

Table 6C-4-3c. Clear Creek at Mouth, Alternative 2 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (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 Years (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 Years (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.

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

* 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.

Table 6C-4-4a. Clear Creek at Mouth, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	52.9	50.5	47.4	45.6	45.9	47.8	50.1	52.2	52.5	56.5	56.0	55.0
20% Exceedance	52.1	50.0	46.7	44.8	45.1	47.2	49.4	51.5	51.7	56.0	55.7	54.3
30% Exceedance	51.4	49.5	46.2	44.5	44.8	46.9	48.9	51.1	51.5	55.6	55.3	54.0
40% Exceedance	51.2	49.3	45.9	44.3	44.5	46.6	48.6	50.9	51.1	55.4	55.1	53.5
50% Exceedance	50.8	48.9	45.6	44.0	44.3	46.3	48.4	50.5	50.7	55.3	54.9	53.3
60% Exceedance	50.3	48.4	45.3	43.8	44.0	46.2	48.2	50.4	50.3	55.1	54.6	52.9
70% Exceedance	49.8	48.3	45.1	43.5	43.8	46.0	48.0	50.1	50.1	54.8	54.5	52.7
80% Exceedance	49.6	48.0	45.0	43.3	43.6	45.7	47.8	49.7	49.9	54.5	54.1	52.3
90% Exceedance	49.4	47.5	44.7	43.0	43.4	45.4	47.4	49.5	49.5	54.2	53.7	51.8
Full Simulation Period Average^a	50.9	49.0	45.8	44.1	44.4	46.5	48.6	50.7	50.9	55.3	54.9	53.4
Wet Water Years (32%)	49.8	48.2	45.5	44.0	43.9	46.1	48.0	50.3	50.8	55.0	54.5	52.7
Above Normal Years (15%)	50.2	48.3	45.5	44.1	44.1	46.3	48.4	50.8	51.0	55.4	54.4	52.6
Below Normal Years (17%)	50.9	49.1	45.8	43.8	43.9	46.2	48.2	50.1	50.2	55.0	54.7	53.2
Dry Years (22%)	51.3	49.3	46.0	43.9	44.7	46.6	48.7	50.5	50.7	55.3	55.1	53.6
Critical (15%)	53.5	50.5	46.3	44.8	45.9	47.8	50.1	52.2	52.5	56.0	56.1	55.3

Table 6C-4-4b. Clear Creek at Mouth, Alternative 3 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	52.9	50.5	47.4	45.6	45.9	47.8	50.1	52.2	52.5	56.5	56.0	55.0
20% Exceedance	52.1	50.0	46.7	44.8	45.1	47.2	49.4	51.5	51.7	56.0	55.7	54.3
30% Exceedance	51.4	49.5	46.2	44.5	44.8	46.9	48.9	51.1	51.5	55.7	55.3	53.9
40% Exceedance	51.2	49.3	45.9	44.3	44.5	46.6	48.6	50.9	51.0	55.4	55.1	53.5
50% Exceedance	50.8	48.9	45.6	44.0	44.3	46.3	48.4	50.5	50.7	55.3	54.9	53.3
60% Exceedance	50.3	48.4	45.3	43.8	44.0	46.2	48.2	50.4	50.3	55.1	54.6	52.9
70% Exceedance	49.8	48.3	45.1	43.5	43.8	46.0	48.0	50.1	50.1	54.8	54.5	52.7
80% Exceedance	49.6	48.0	45.0	43.3	43.6	45.7	47.8	49.7	49.9	54.5	54.1	52.3
90% Exceedance	49.4	47.5	44.7	43.0	43.4	45.4	47.4	49.5	49.5	54.2	53.7	51.9
Full Simulation Period Average^a	50.9	49.0	45.8	44.1	44.4	46.5	48.6	50.7	50.9	55.3	54.9	53.4
Wet Water Years (32%)	49.8	48.2	45.5	44.0	43.9	46.1	48.0	50.2	50.8	55.0	54.5	52.7
Above Normal Years (15%)	50.2	48.3	45.5	44.1	44.1	46.3	48.4	50.8	51.0	55.4	54.4	52.6
Below Normal Years (17%)	50.9	49.1	45.8	43.8	43.9	46.2	48.2	50.1	50.2	55.0	54.7	53.2
Dry Years (22%)	51.3	49.3	46.0	43.9	44.7	46.6	48.7	50.5	50.7	55.3	55.1	53.6
Critical (15%)	53.5	50.5	46.3	44.8	45.9	47.8	50.1	52.2	52.5	56.0	56.1	55.3

Table 6C-4-4c. Clear Creek at Mouth, Alternative 3 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	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% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (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 Years (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 Years (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

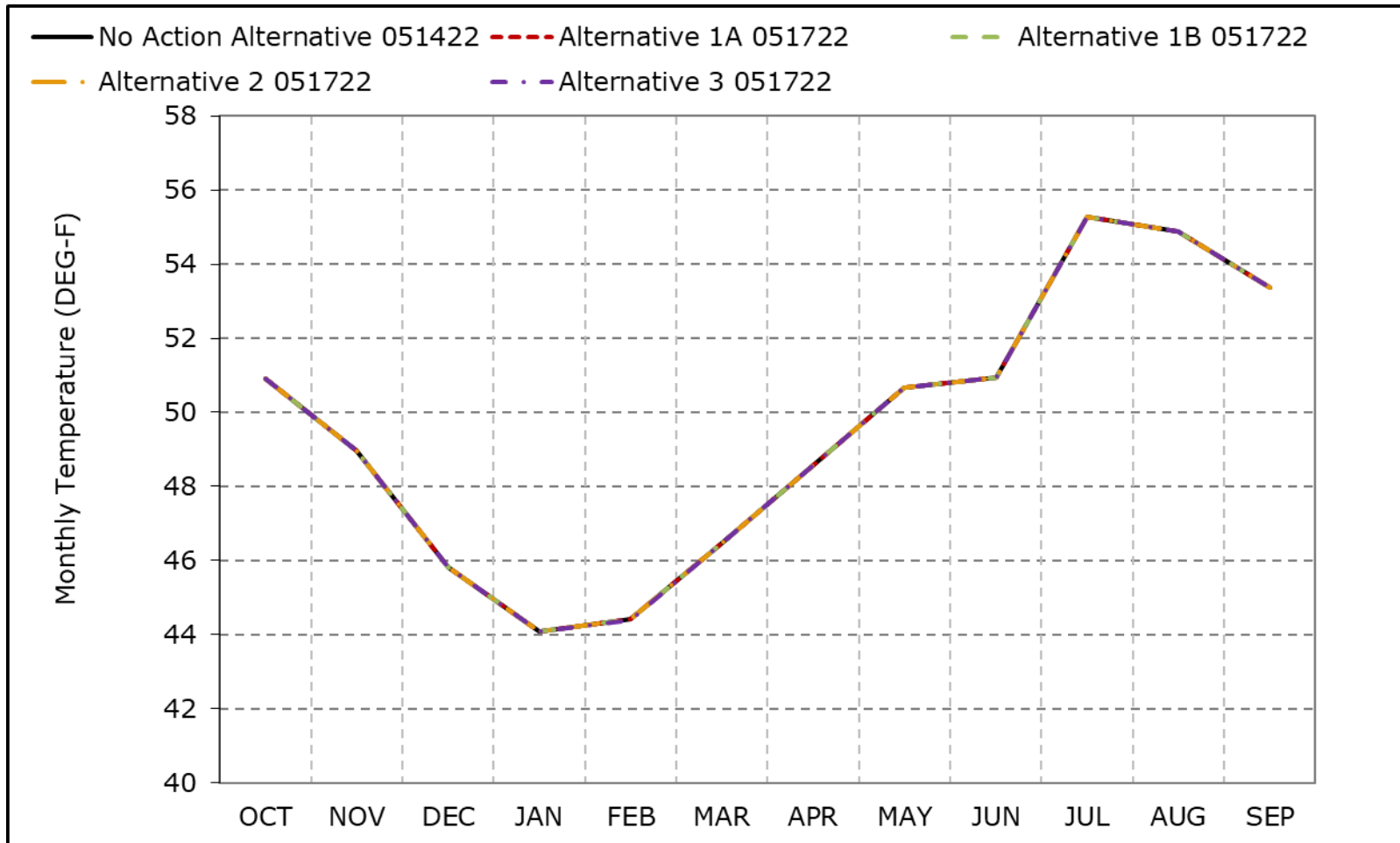
^a Based on the 82-year simulation period.

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

* 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.

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

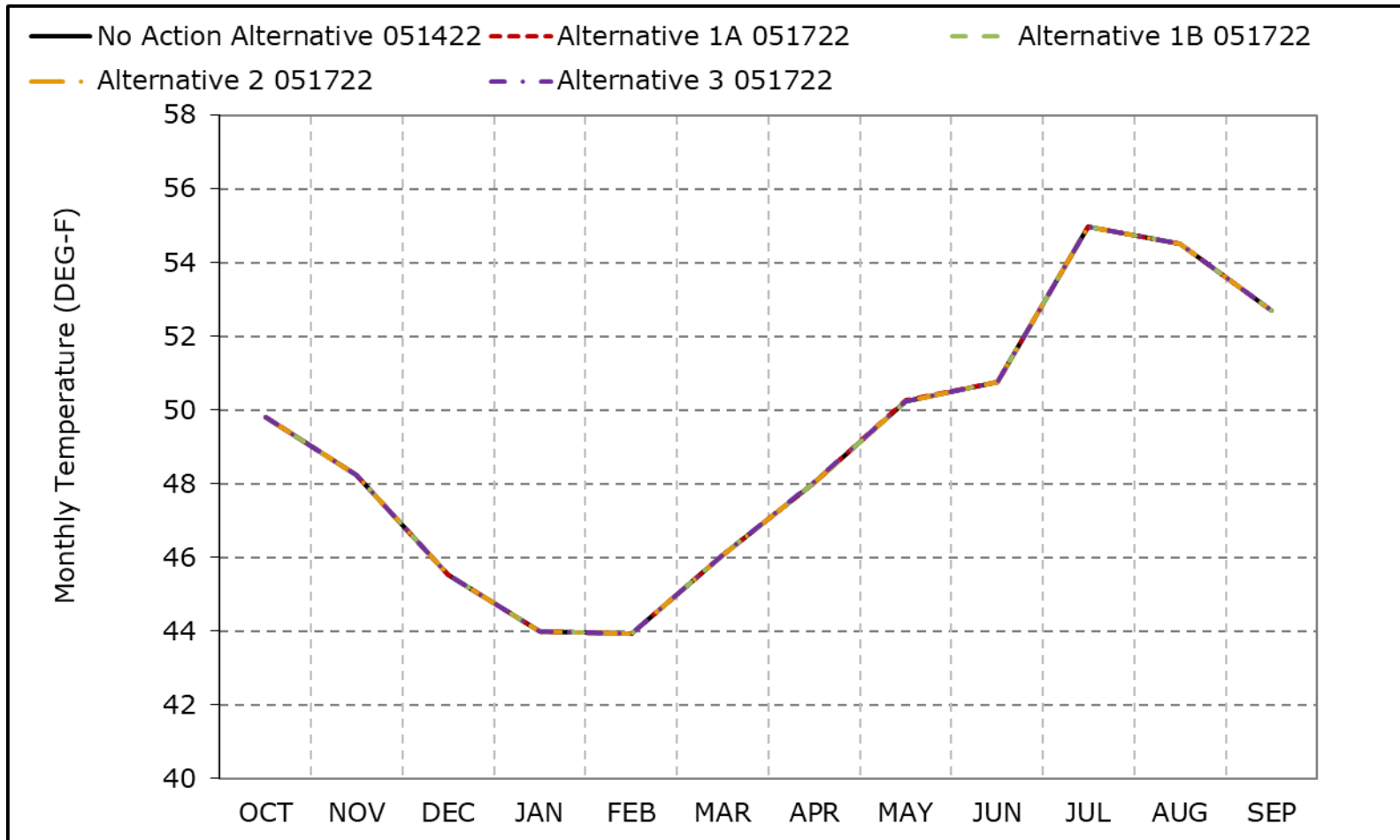


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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

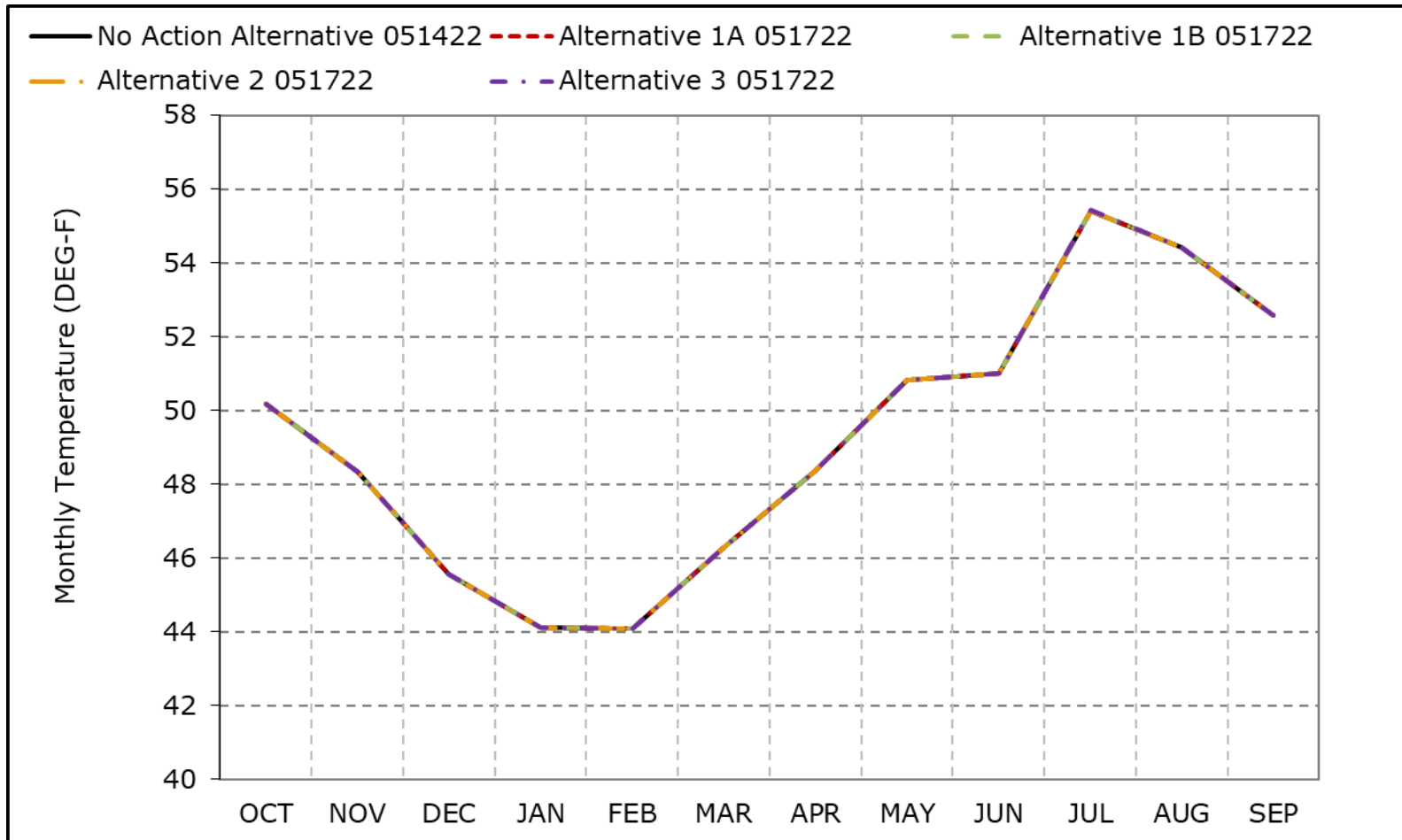


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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

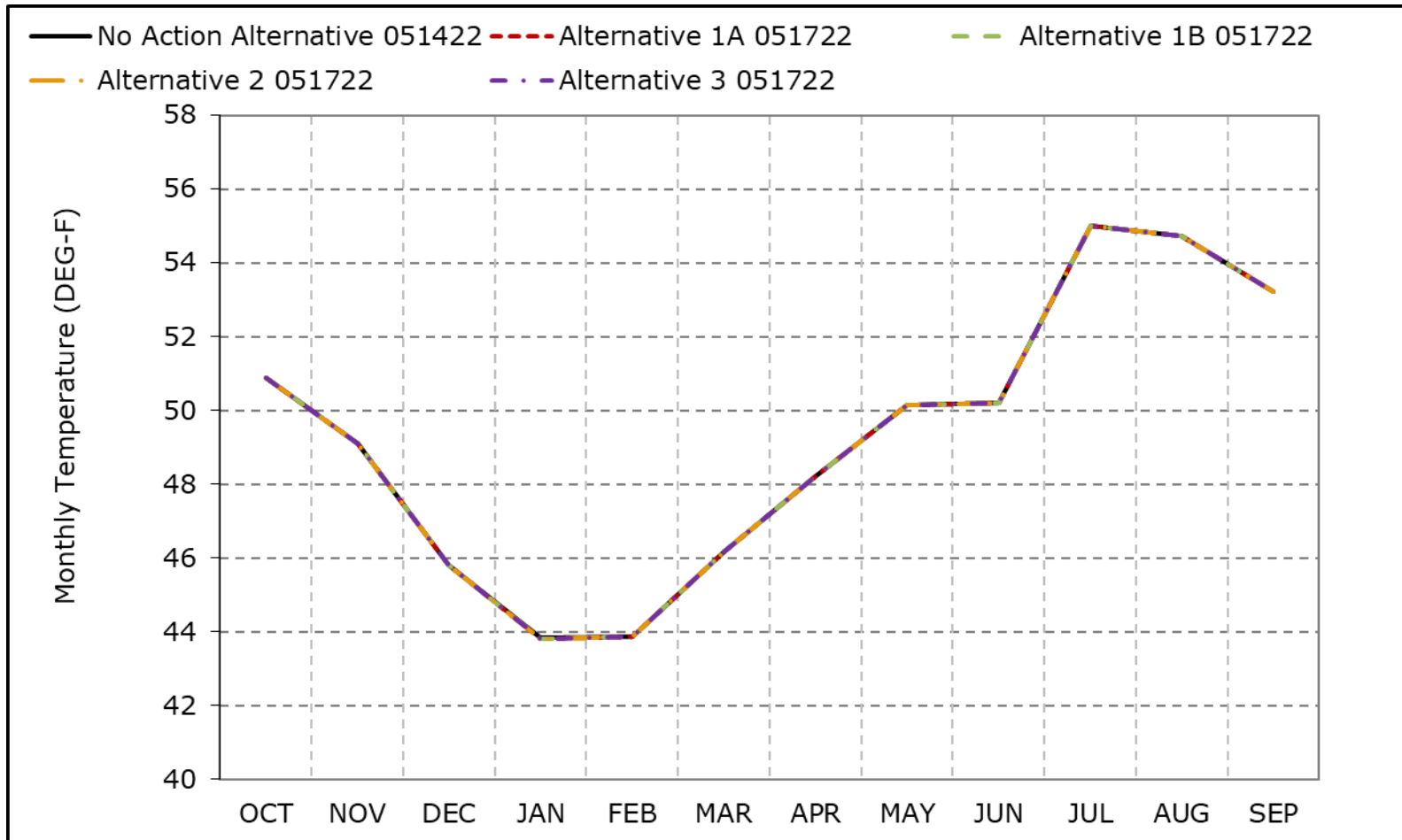


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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

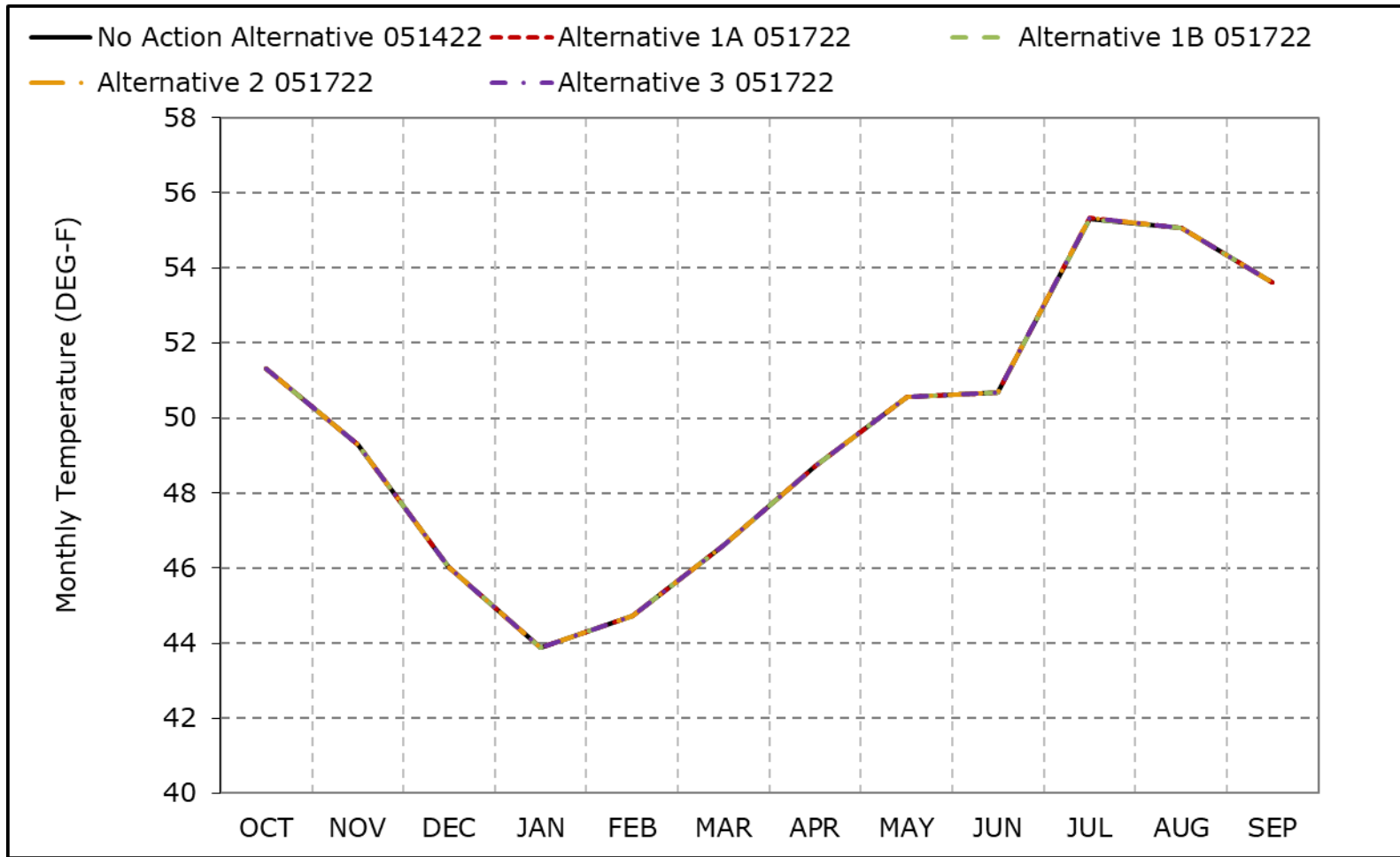


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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

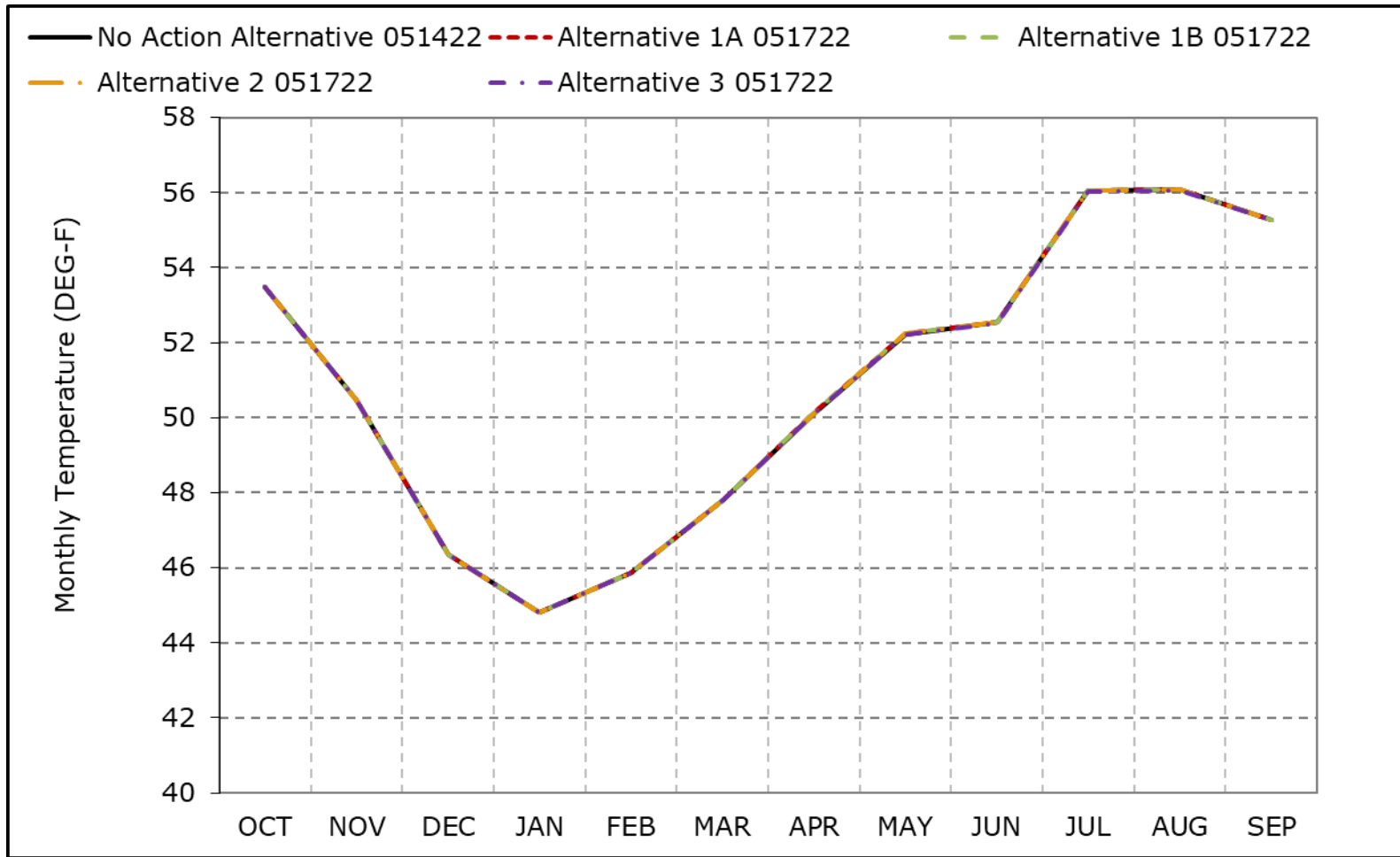


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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

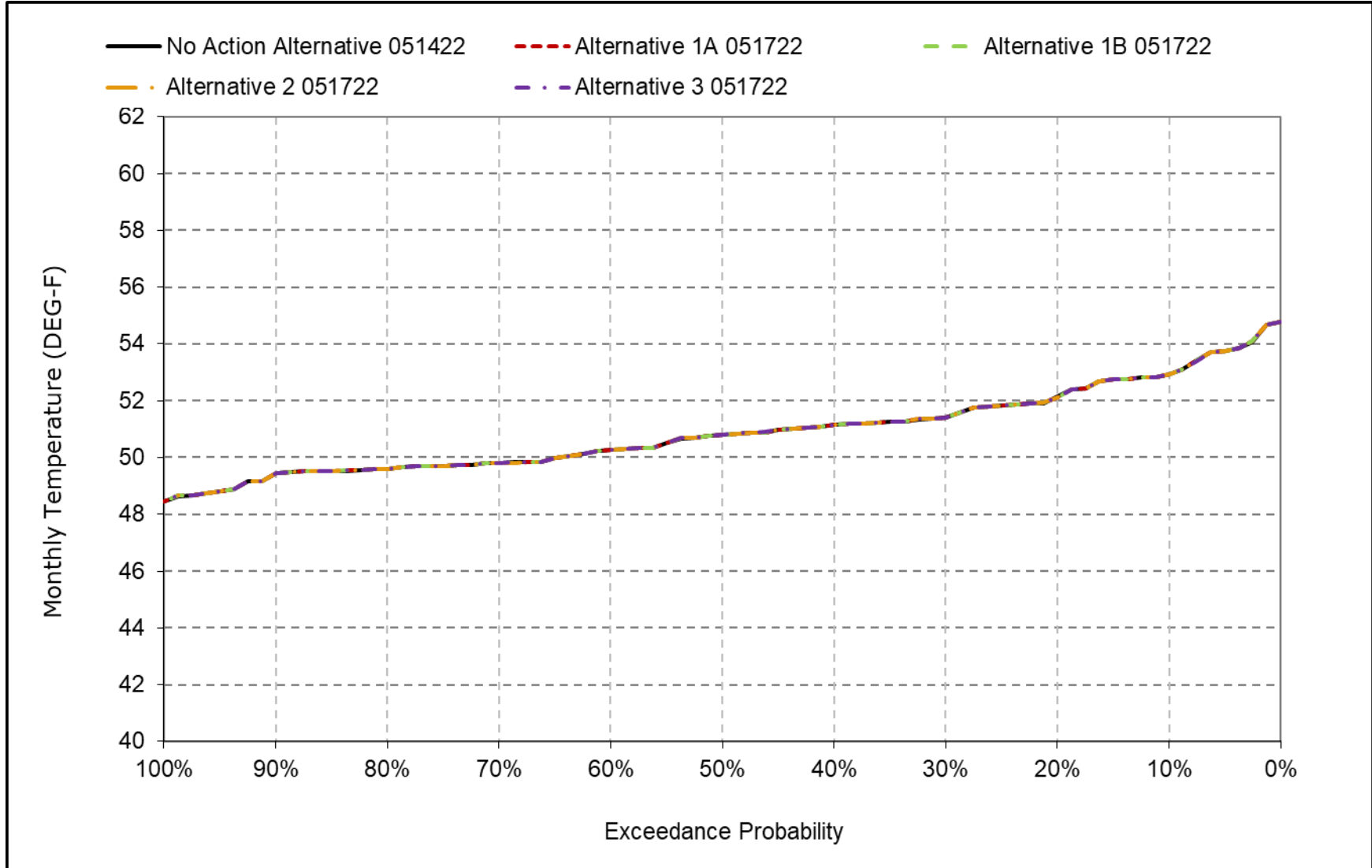


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

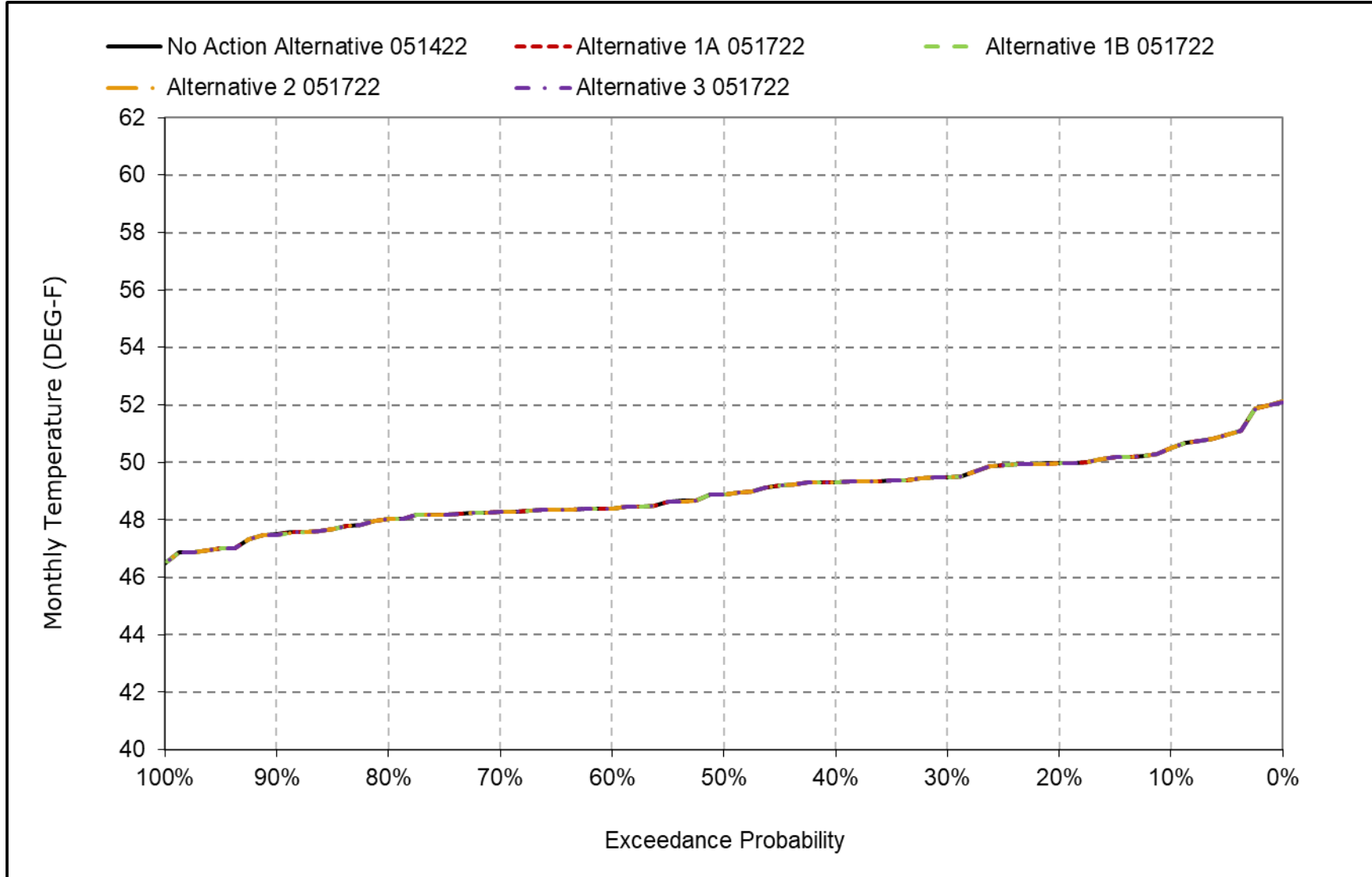
*All scenarios are simulated at current climate and 0 cm sea level rise.

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



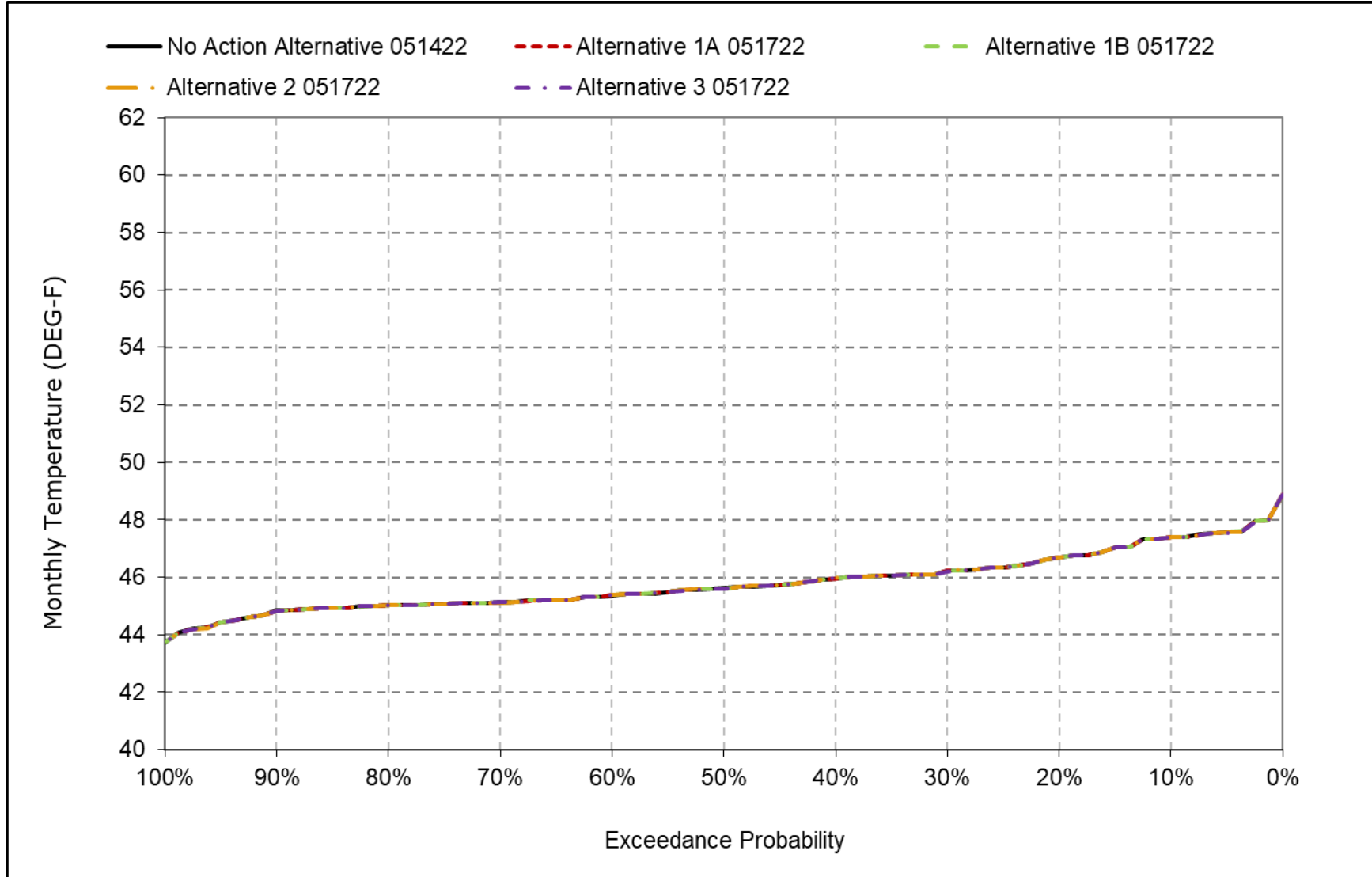
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



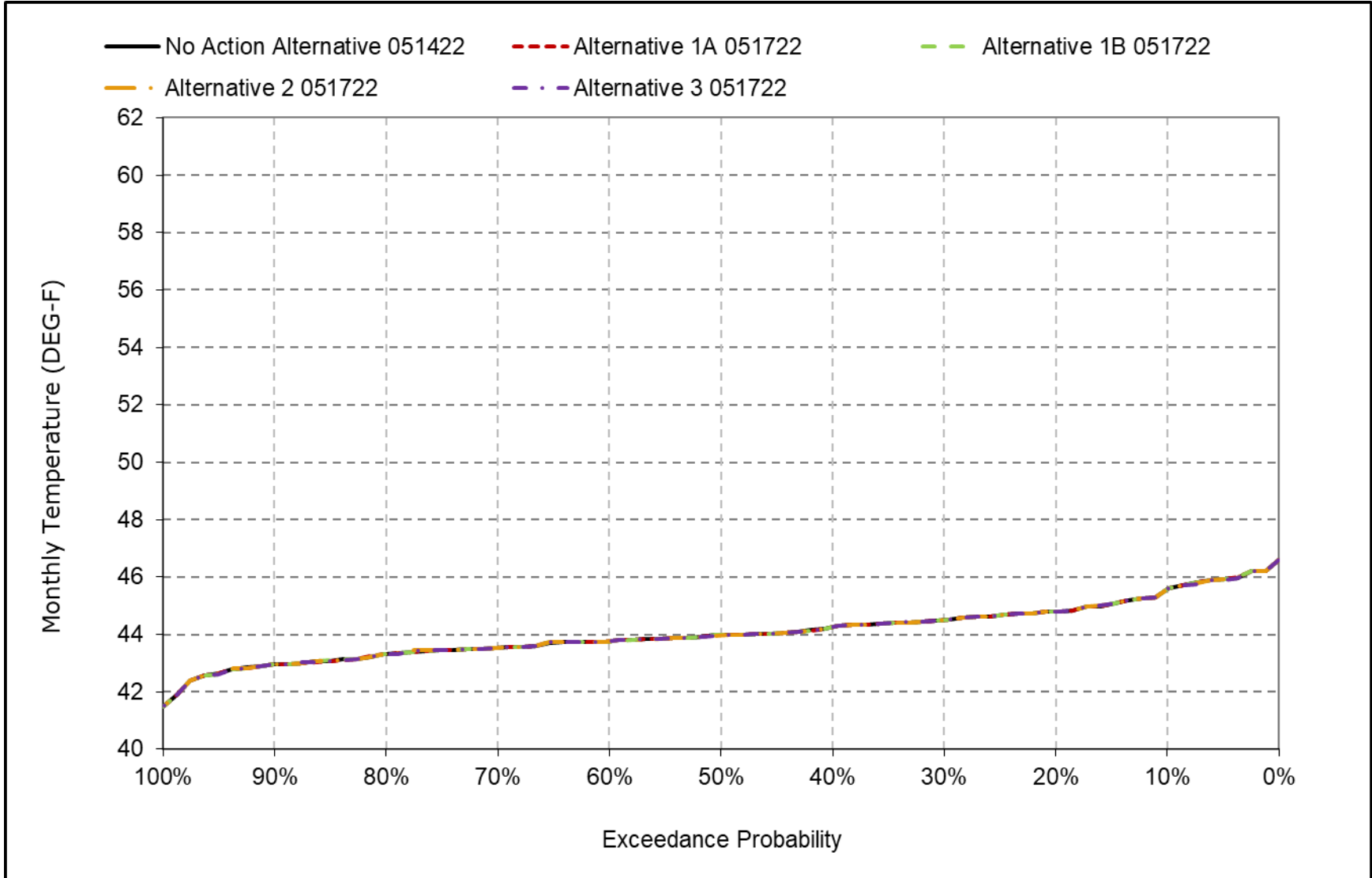
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



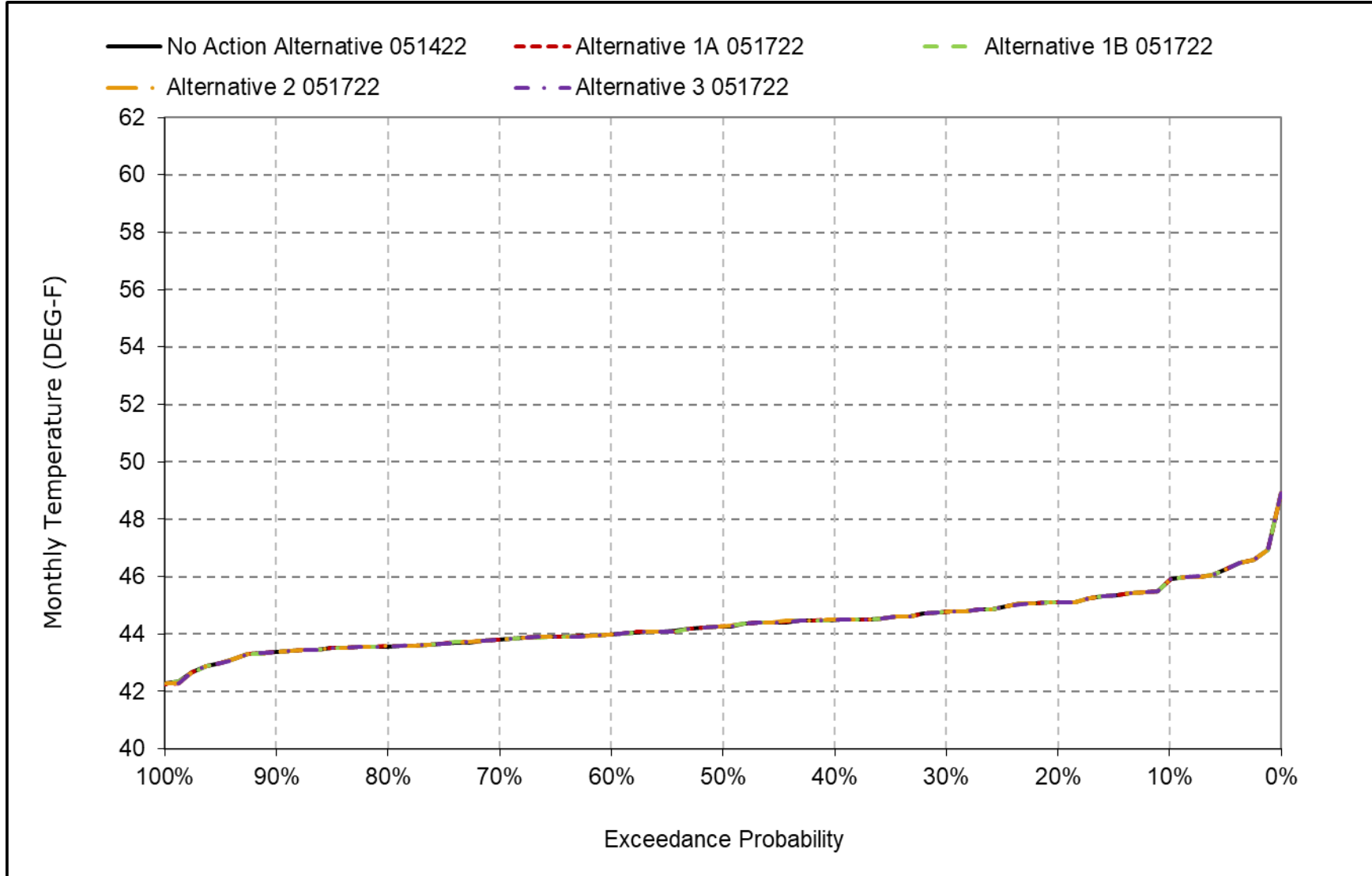
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



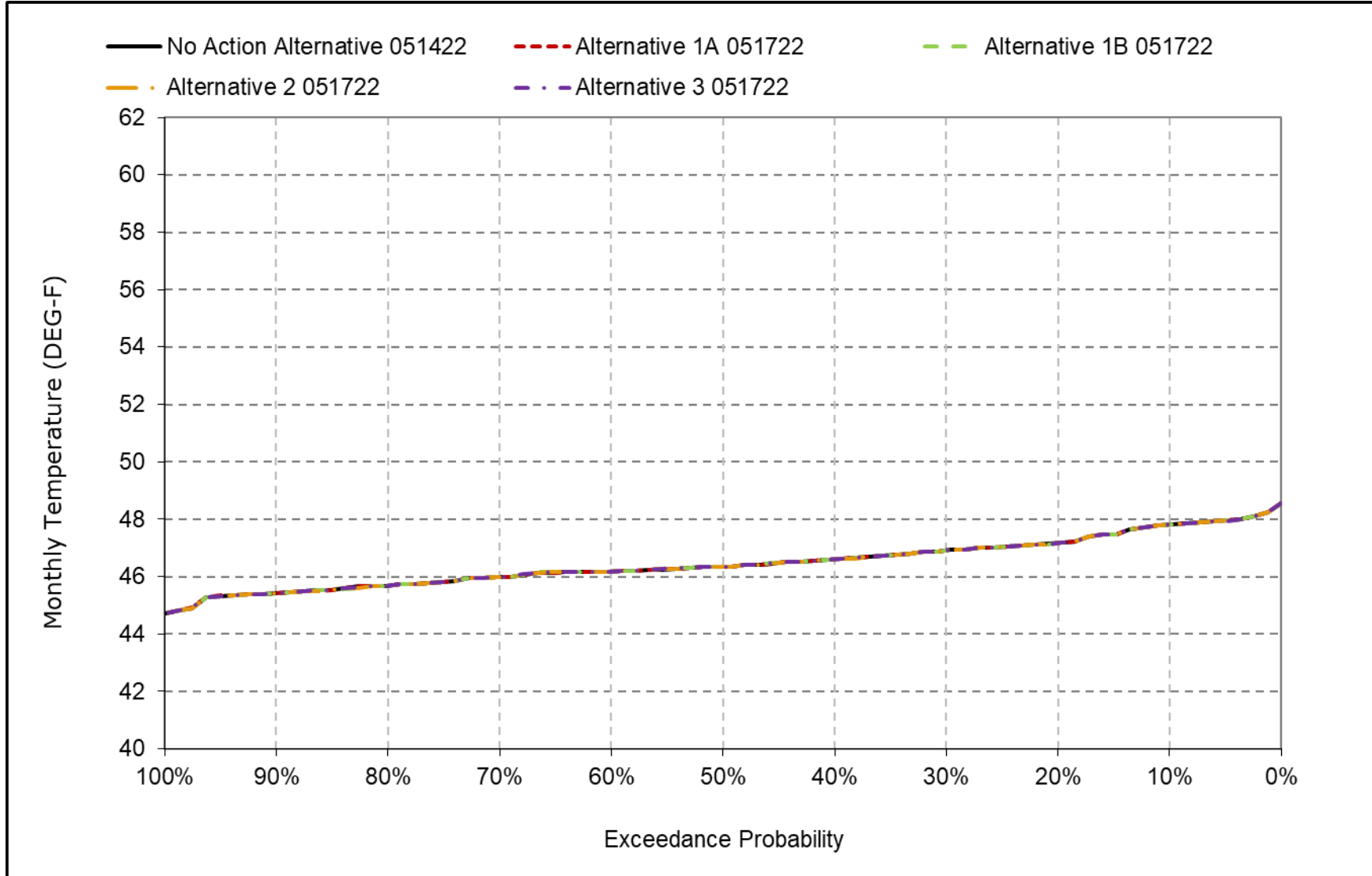
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



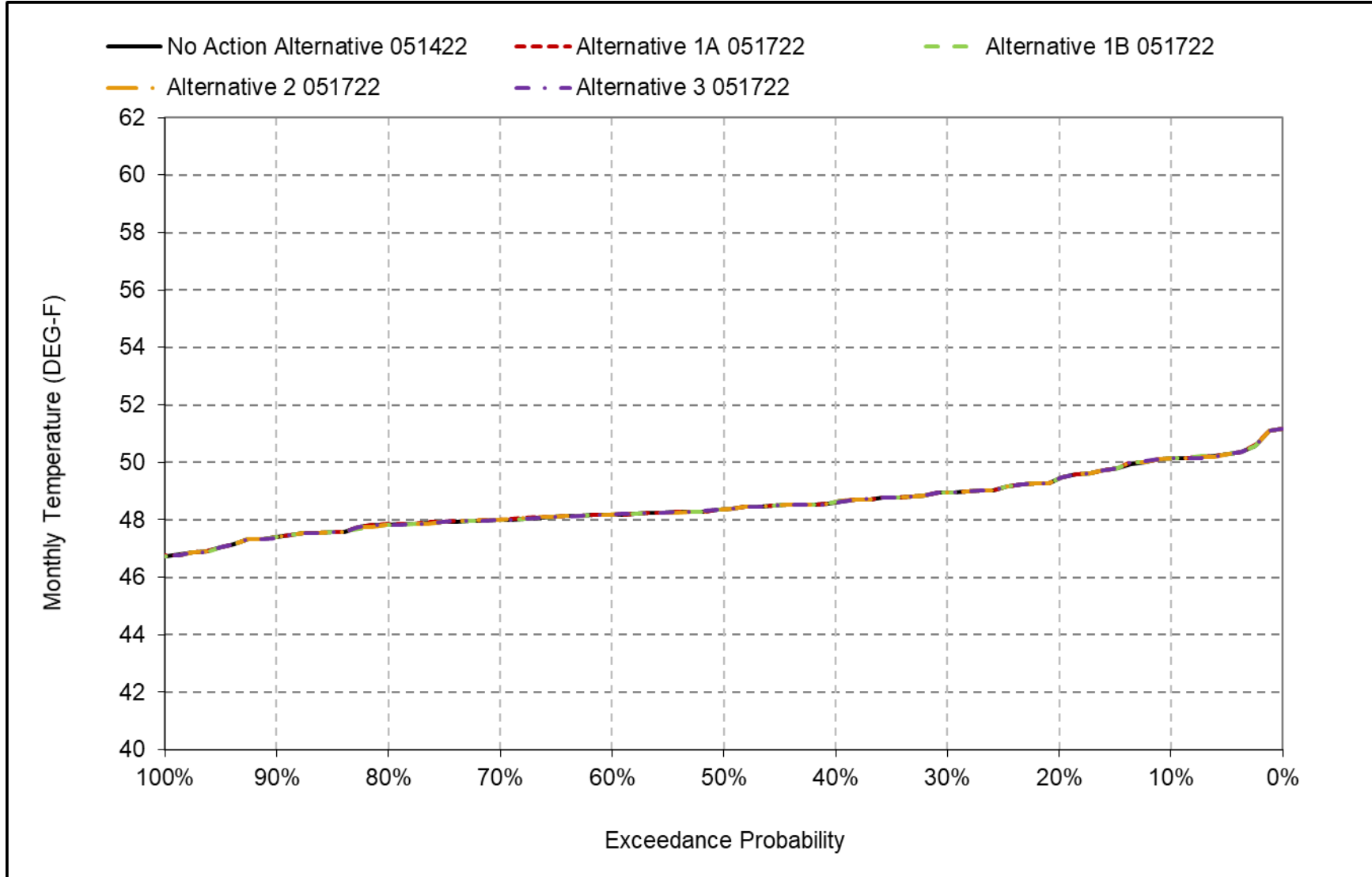
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



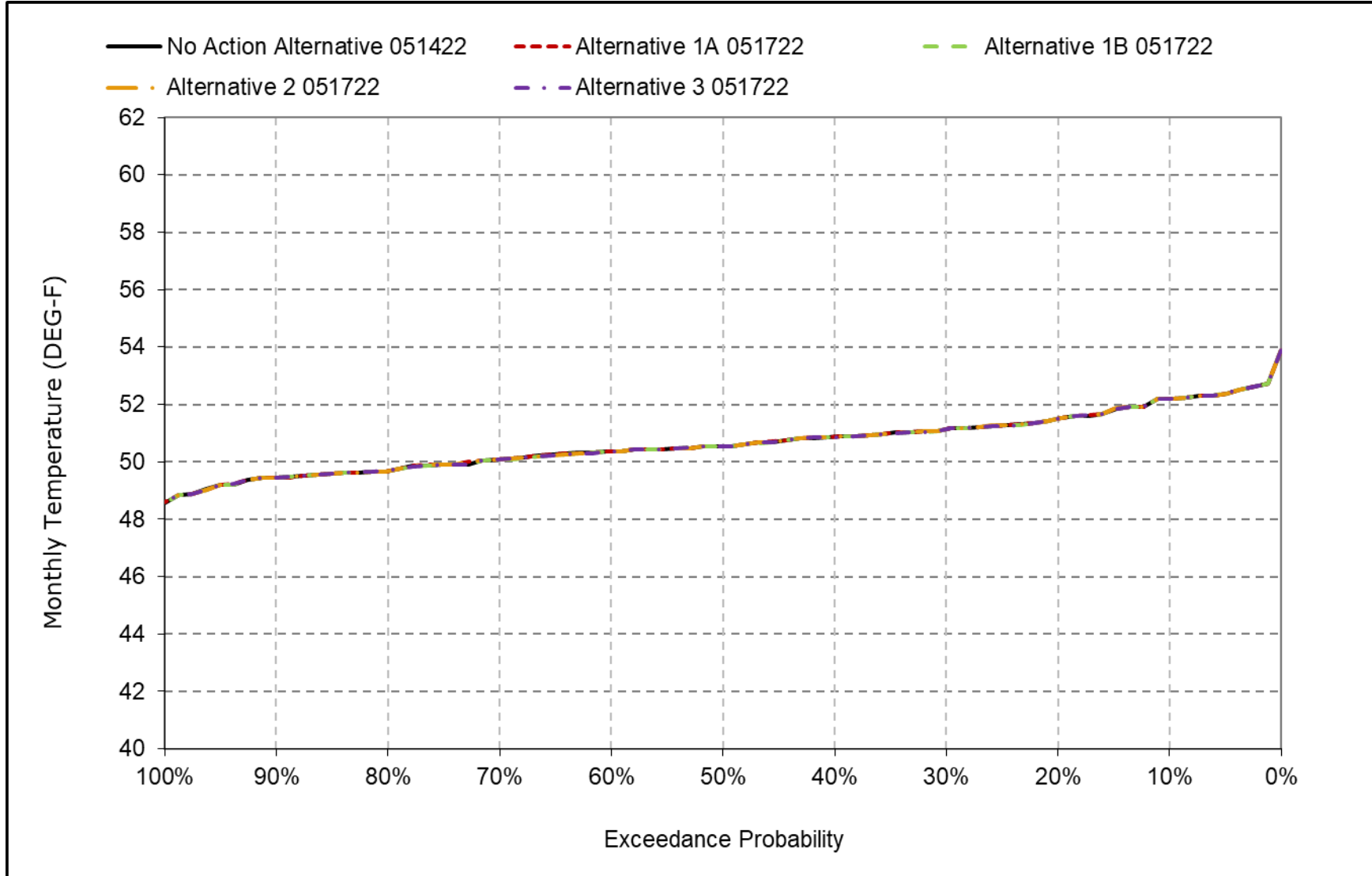
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



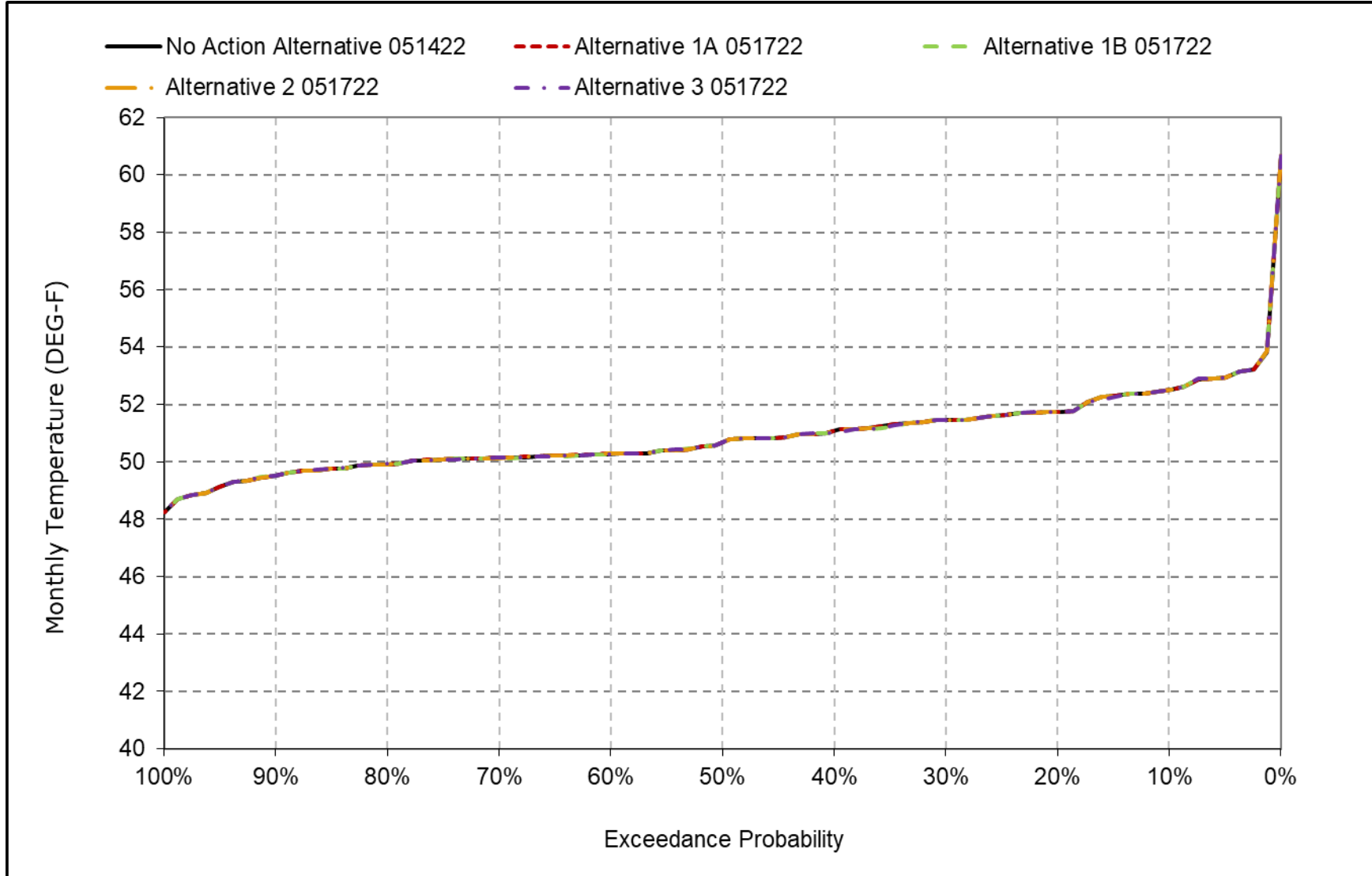
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



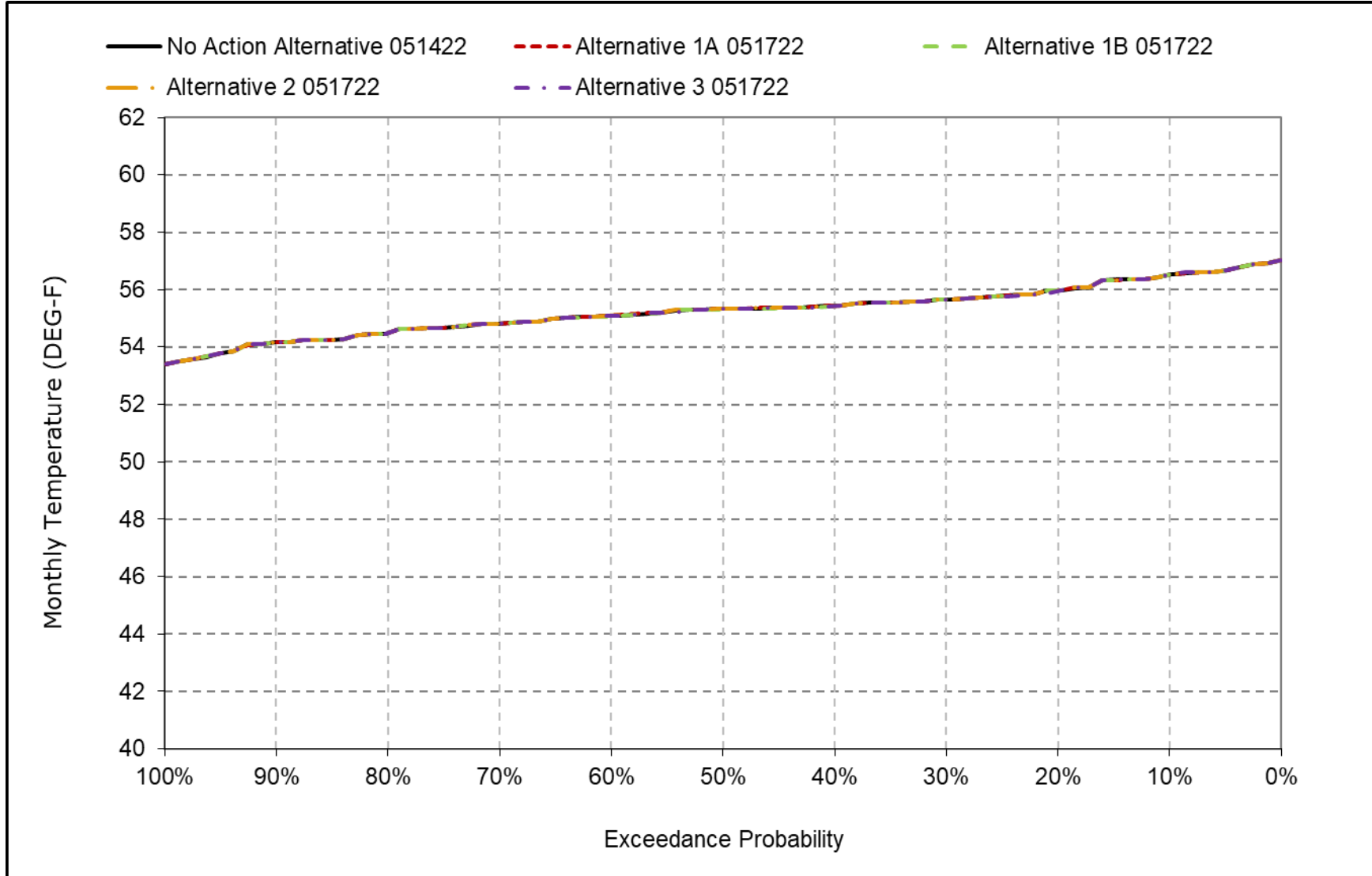
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



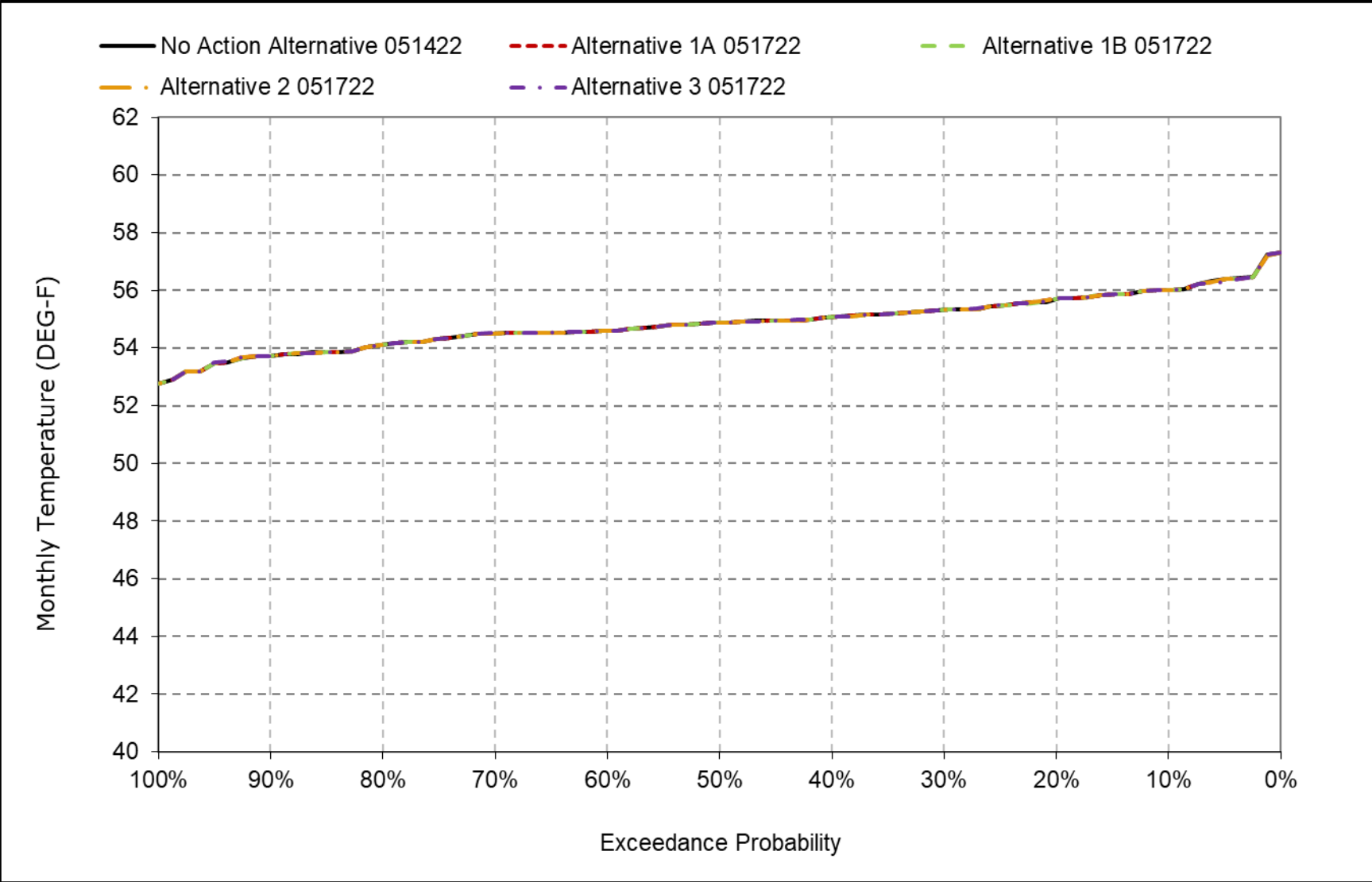
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



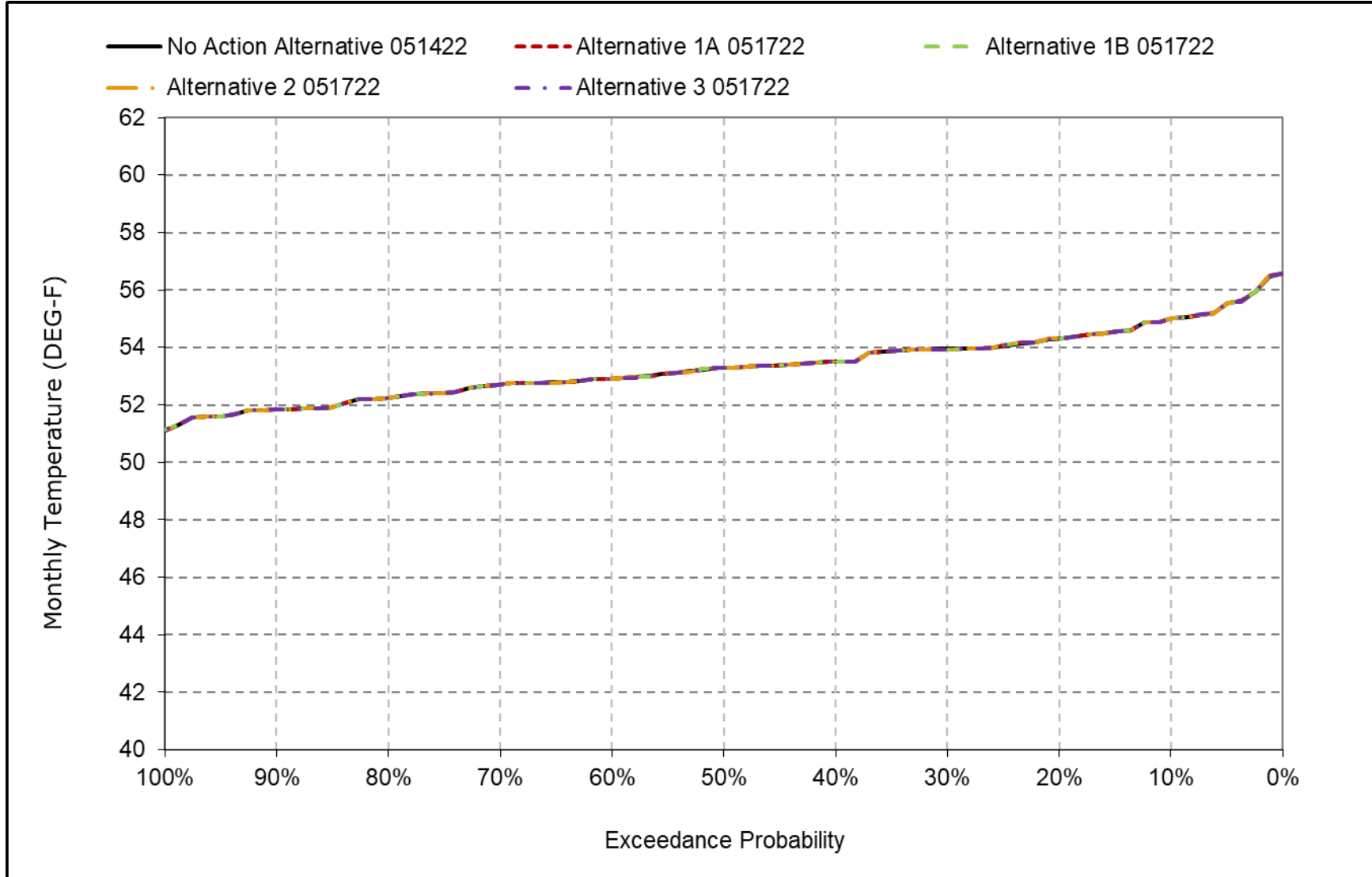
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	54.3	54.5	53.0	49.2	48.1	49.3	52.8	52.7	53.1	50.6	51.3	52.7
20% Exceedance	52.6	54.4	52.5	48.9	47.4	48.9	52.2	52.1	51.1	50.5	51.0	51.6
30% Exceedance	52.1	54.2	52.2	48.1	47.1	48.4	51.8	51.8	50.7	50.3	50.8	51.1
40% Exceedance	51.8	54.1	51.7	47.8	46.7	48.1	51.2	51.4	50.6	50.1	50.6	50.8
50% Exceedance	51.6	54.0	51.3	47.5	46.3	47.7	50.7	51.1	50.5	50.0	50.5	50.4
60% Exceedance	51.5	53.8	51.0	47.1	45.7	47.3	50.4	50.8	50.4	49.9	50.4	49.9
70% Exceedance	51.4	53.7	50.9	46.7	45.4	46.9	50.2	50.4	50.3	49.8	50.3	49.5
80% Exceedance	51.3	53.5	50.6	46.4	44.9	46.5	49.7	50.2	50.1	49.7	50.1	49.3
90% Exceedance	51.0	53.2	49.7	46.0	44.3	46.0	49.2	49.7	50.1	49.5	50.1	49.1
Full Simulation Period Average^a	52.2	54.0	51.5	47.5	46.2	47.7	50.9	51.1	50.9	50.1	50.7	50.7
Wet Water Years (32%)	51.5	54.1	51.9	46.7	45.2	46.7	50.2	50.6	50.6	50.0	50.3	49.7
Above Normal Years (15%)	51.6	53.7	51.3	47.4	45.7	47.2	51.0	50.8	50.4	49.7	50.3	49.7
Below Normal Years (17%)	51.8	53.6	50.9	47.5	46.0	47.9	51.1	51.0	50.4	49.9	50.5	50.6
Dry Years (22%)	52.0	53.8	51.1	48.2	47.0	48.5	52.1	51.7	50.5	50.2	50.7	51.1
Critical (15%)	54.9	54.5	52.0	48.5	47.7	48.8	50.6	51.9	53.2	50.8	51.8	53.5

Table 6C-5-1b. Sacramento River below Keswick, Alternative 1A 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	54.4	54.6	52.9	49.1	48.1	49.3	52.7	52.7	52.5	50.6	51.3	52.6
20% Exceedance	52.3	54.4	52.5	48.9	47.5	48.8	52.2	52.1	51.1	50.4	50.9	51.6
30% Exceedance	52.1	54.3	52.2	48.1	47.1	48.4	51.8	51.8	50.7	50.3	50.8	51.1
40% Exceedance	51.8	54.1	51.8	47.8	46.7	48.1	51.3	51.3	50.6	50.1	50.6	50.8
50% Exceedance	51.6	54.0	51.3	47.4	46.3	47.8	50.7	51.0	50.5	50.0	50.6	50.4
60% Exceedance	51.5	53.8	51.0	47.1	45.8	47.3	50.5	50.7	50.4	50.0	50.4	50.1
70% Exceedance	51.4	53.7	50.9	46.7	45.4	46.9	50.2	50.4	50.3	49.8	50.3	49.5
80% Exceedance	51.3	53.5	50.6	46.4	44.9	46.5	49.7	50.2	50.1	49.7	50.2	49.3
90% Exceedance	51.0	53.2	49.7	46.0	44.3	46.0	49.2	49.7	50.1	49.5	50.1	49.1
Full Simulation Period Average^a	52.2	54.0	51.5	47.5	46.2	47.7	51.0	51.1	50.9	50.1	50.6	50.7
Wet Water Years (32%)	51.5	54.0	51.9	46.7	45.2	46.7	50.2	50.6	50.6	50.0	50.3	49.7
Above Normal Years (15%)	51.5	53.7	51.2	47.4	45.7	47.3	51.0	50.8	50.4	49.7	50.4	49.7
Below Normal Years (17%)	51.8	53.6	50.8	47.5	46.1	47.9	51.1	51.0	50.4	49.9	50.6	50.6
Dry Years (22%)	52.0	53.8	51.2	48.1	47.0	48.5	52.3	51.7	50.6	50.2	50.7	51.1
Critical (15%)	54.7	54.6	52.1	48.6	47.8	48.9	50.6	51.8	53.0	50.8	51.5	53.3

Table 6C-5-1c. Sacramento River below Keswick, Alternative 1A 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0.1	0.1	-0.1	-0.1	0.0	0.0	-0.1	0.0	-0.6	0.0	0.0	-0.1
20% Exceedance	-0.3	0.0	-0.1	0.0	0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
30% Exceedance	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40% Exceedance	0.0	0.0	0.1	0.0	0.0	-0.1	0.1	0.0	0.0	0.0	0.0	0.0
50% Exceedance	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	0.0	0.0	0.0	0.0
60% Exceedance	0.0	0.0	0.0	0.0	0.1	0.0	0.1	-0.1	0.0	0.0	0.0	0.2
70% Exceedance	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% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0
90% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (15%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Below Normal Years (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 Years (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
Critical (15%)	-0.1	0.1	0.1	0.0	0.0	0.0	0.0	-0.1	-0.2	0.0	-0.3	-0.2

^a Based on the 82-year simulation period.

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

* 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.

Table 6C-5-2a. Sacramento River below Keswick, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	54.3	54.5	53.0	49.2	48.1	49.3	52.8	52.7	53.1	50.6	51.3	52.7
20% Exceedance	52.6	54.4	52.5	48.9	47.4	48.9	52.2	52.1	51.1	50.5	51.0	51.6
30% Exceedance	52.1	54.2	52.2	48.1	47.1	48.4	51.8	51.8	50.7	50.3	50.8	51.1
40% Exceedance	51.8	54.1	51.7	47.8	46.7	48.1	51.2	51.4	50.6	50.1	50.6	50.8
50% Exceedance	51.6	54.0	51.3	47.5	46.3	47.7	50.7	51.1	50.5	50.0	50.5	50.4
60% Exceedance	51.5	53.8	51.0	47.1	45.7	47.3	50.4	50.8	50.4	49.9	50.4	49.9
70% Exceedance	51.4	53.7	50.9	46.7	45.4	46.9	50.2	50.4	50.3	49.8	50.3	49.5
80% Exceedance	51.3	53.5	50.6	46.4	44.9	46.5	49.7	50.2	50.1	49.7	50.1	49.3
90% Exceedance	51.0	53.2	49.7	46.0	44.3	46.0	49.2	49.7	50.1	49.5	50.1	49.1
Full Simulation Period Average^a	52.2	54.0	51.5	47.5	46.2	47.7	50.9	51.1	50.9	50.1	50.7	50.7
Wet Water Years (32%)	51.5	54.1	51.9	46.7	45.2	46.7	50.2	50.6	50.6	50.0	50.3	49.7
Above Normal Years (15%)	51.6	53.7	51.3	47.4	45.7	47.2	51.0	50.8	50.4	49.7	50.3	49.7
Below Normal Years (17%)	51.8	53.6	50.9	47.5	46.0	47.9	51.1	51.0	50.4	49.9	50.5	50.6
Dry Years (22%)	52.0	53.8	51.1	48.2	47.0	48.5	52.1	51.7	50.5	50.2	50.7	51.1
Critical (15%)	54.9	54.5	52.0	48.5	47.7	48.8	50.6	51.9	53.2	50.8	51.8	53.5

Table 6C-5-2b. Sacramento River below Keswick, Alternative 1B 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	54.6	54.5	52.9	49.1	48.0	49.3	52.9	52.7	53.1	50.7	51.2	52.6
20% Exceedance	52.4	54.4	52.5	48.9	47.5	48.9	52.2	52.1	51.1	50.5	51.0	51.6
30% Exceedance	52.1	54.2	52.1	48.2	47.1	48.4	51.9	51.9	50.8	50.2	50.8	51.1
40% Exceedance	51.8	54.1	51.7	47.8	46.7	48.1	51.4	51.3	50.6	50.1	50.7	50.8
50% Exceedance	51.6	53.9	51.4	47.5	46.3	47.8	50.7	51.0	50.5	50.1	50.6	50.4
60% Exceedance	51.5	53.8	51.0	47.2	45.8	47.3	50.5	50.8	50.4	49.9	50.4	50.1
70% Exceedance	51.4	53.7	50.9	46.7	45.3	46.8	50.2	50.4	50.3	49.8	50.3	49.4
80% Exceedance	51.3	53.5	50.6	46.4	44.9	46.5	49.7	50.2	50.2	49.7	50.2	49.3
90% Exceedance	51.0	53.2	49.7	46.0	44.3	46.0	49.2	49.7	50.1	49.5	50.1	49.2
Full Simulation Period Average^a	52.2	53.9	51.5	47.5	46.2	47.7	51.0	51.1	50.9	50.1	50.6	50.7
Wet Water Years (32%)	51.5	54.0	51.9	46.7	45.2	46.7	50.2	50.5	50.6	50.0	50.3	49.7
Above Normal Years (15%)	51.5	53.7	51.2	47.4	45.7	47.3	51.0	50.8	50.5	49.8	50.4	49.7
Below Normal Years (17%)	51.8	53.6	50.9	47.5	46.0	47.9	51.1	51.1	50.4	49.9	50.5	50.6
Dry Years (22%)	52.0	53.8	51.1	48.1	47.0	48.5	52.3	51.8	50.6	50.2	50.7	51.1
Critical (15%)	54.8	54.6	52.0	48.6	47.7	48.8	50.6	51.8	53.2	50.8	51.5	53.2

Table 6C-5-2c. Sacramento River below Keswick, Alternative 1B 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0.3	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	-0.1
20% Exceedance	-0.2	0.0	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30% Exceedance	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
40% Exceedance	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.0	0.0	0.0	0.0
50% Exceedance	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
60% Exceedance	0.0	0.0	0.0	0.1	0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.2
70% Exceedance	0.0	0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80% Exceedance	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0
90% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Wet Water Years (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
Above Normal Years (15%)	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Below Normal Years (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 Years (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	0.1	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.3	-0.3

^a Based on the 82-year simulation period.

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

* 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.

Table 6C-5-3a. Sacramento River below Keswick, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	54.3	54.5	53.0	49.2	48.1	49.3	52.8	52.7	53.1	50.6	51.3	52.7
20% Exceedance	52.6	54.4	52.5	48.9	47.4	48.9	52.2	52.1	51.1	50.5	51.0	51.6
30% Exceedance	52.1	54.2	52.2	48.1	47.1	48.4	51.8	51.8	50.7	50.3	50.8	51.1
40% Exceedance	51.8	54.1	51.7	47.8	46.7	48.1	51.2	51.4	50.6	50.1	50.6	50.8
50% Exceedance	51.6	54.0	51.3	47.5	46.3	47.7	50.7	51.1	50.5	50.0	50.5	50.4
60% Exceedance	51.5	53.8	51.0	47.1	45.7	47.3	50.4	50.8	50.4	49.9	50.4	49.9
70% Exceedance	51.4	53.7	50.9	46.7	45.4	46.9	50.2	50.4	50.3	49.8	50.3	49.5
80% Exceedance	51.3	53.5	50.6	46.4	44.9	46.5	49.7	50.2	50.1	49.7	50.1	49.3
90% Exceedance	51.0	53.2	49.7	46.0	44.3	46.0	49.2	49.7	50.1	49.5	50.1	49.1
Full Simulation Period Average^a	52.2	54.0	51.5	47.5	46.2	47.7	50.9	51.1	50.9	50.1	50.7	50.7
Wet Water Years (32%)	51.5	54.1	51.9	46.7	45.2	46.7	50.2	50.6	50.6	50.0	50.3	49.7
Above Normal Years (15%)	51.6	53.7	51.3	47.4	45.7	47.2	51.0	50.8	50.4	49.7	50.3	49.7
Below Normal Years (17%)	51.8	53.6	50.9	47.5	46.0	47.9	51.1	51.0	50.4	49.9	50.5	50.6
Dry Years (22%)	52.0	53.8	51.1	48.2	47.0	48.5	52.1	51.7	50.5	50.2	50.7	51.1
Critical (15%)	54.9	54.5	52.0	48.5	47.7	48.8	50.6	51.9	53.2	50.8	51.8	53.5

Table 6C-5-3b. Sacramento River below Keswick, Alternative 2 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	54.5	54.4	52.9	49.1	48.1	49.3	52.7	52.7	53.1	50.7	51.2	52.8
20% Exceedance	52.4	54.4	52.5	48.9	47.5	48.8	52.2	52.1	51.1	50.4	50.9	51.6
30% Exceedance	52.1	54.3	52.2	48.1	47.1	48.4	51.8	51.8	50.7	50.3	50.8	51.1
40% Exceedance	51.8	54.1	51.8	47.8	46.7	48.1	51.3	51.3	50.6	50.1	50.6	50.8
50% Exceedance	51.6	54.0	51.4	47.5	46.3	47.8	50.7	51.1	50.5	50.0	50.6	50.4
60% Exceedance	51.5	53.8	51.1	47.2	45.8	47.3	50.4	50.8	50.4	50.0	50.4	50.1
70% Exceedance	51.4	53.7	50.9	46.7	45.4	46.8	50.2	50.4	50.3	49.8	50.3	49.5
80% Exceedance	51.3	53.5	50.6	46.4	44.9	46.5	49.7	50.2	50.1	49.7	50.2	49.3
90% Exceedance	51.0	53.2	49.7	46.0	44.3	46.0	49.2	49.7	50.1	49.5	50.1	49.1
Full Simulation Period Average^a	52.2	54.0	51.5	47.5	46.2	47.7	51.0	51.1	50.9	50.1	50.6	50.7
Wet Water Years (32%)	51.5	54.0	51.9	46.7	45.2	46.7	50.2	50.6	50.6	50.0	50.3	49.7
Above Normal Years (15%)	51.5	53.7	51.2	47.4	45.7	47.3	51.0	50.8	50.4	49.7	50.4	49.7
Below Normal Years (17%)	51.8	53.6	50.9	47.5	46.0	47.9	51.1	51.0	50.4	49.9	50.5	50.6
Dry Years (22%)	52.0	53.8	51.2	48.1	47.1	48.5	52.3	51.7	50.5	50.2	50.7	51.1
Critical (15%)	54.9	54.6	52.0	48.6	47.7	48.8	50.6	51.8	53.2	50.8	51.5	53.4

Table 6C-5-3c. Sacramento River below Keswick, Alternative 2 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0.2	-0.1	-0.1	-0.1	0.0	0.0	-0.1	0.0	-0.1	0.0	0.0	0.1
20% Exceedance	-0.2	0.0	-0.1	0.0	0.1	-0.1	0.0	0.0	0.0	0.0	-0.1	0.0
30% Exceedance	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40% Exceedance	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
50% Exceedance	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
60% Exceedance	0.0	0.0	0.0	0.1	0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.2
70% Exceedance	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
90% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (15%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Below Normal Years (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 Years (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
Critical (15%)	0.0	0.1	0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1	0.0	-0.3	-0.2

^a Based on the 82-year simulation period.

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

* 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.

Table 6C-5-4a. Sacramento River below Keswick, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	54.3	54.5	53.0	49.2	48.1	49.3	52.8	52.7	53.1	50.6	51.3	52.7
20% Exceedance	52.6	54.4	52.5	48.9	47.4	48.9	52.2	52.1	51.1	50.5	51.0	51.6
30% Exceedance	52.1	54.2	52.2	48.1	47.1	48.4	51.8	51.8	50.7	50.3	50.8	51.1
40% Exceedance	51.8	54.1	51.7	47.8	46.7	48.1	51.2	51.4	50.6	50.1	50.6	50.8
50% Exceedance	51.6	54.0	51.3	47.5	46.3	47.7	50.7	51.1	50.5	50.0	50.5	50.4
60% Exceedance	51.5	53.8	51.0	47.1	45.7	47.3	50.4	50.8	50.4	49.9	50.4	49.9
70% Exceedance	51.4	53.7	50.9	46.7	45.4	46.9	50.2	50.4	50.3	49.8	50.3	49.5
80% Exceedance	51.3	53.5	50.6	46.4	44.9	46.5	49.7	50.2	50.1	49.7	50.1	49.3
90% Exceedance	51.0	53.2	49.7	46.0	44.3	46.0	49.2	49.7	50.1	49.5	50.1	49.1
Full Simulation Period Average^a	52.2	54.0	51.5	47.5	46.2	47.7	50.9	51.1	50.9	50.1	50.7	50.7
Wet Water Years (32%)	51.5	54.1	51.9	46.7	45.2	46.7	50.2	50.6	50.6	50.0	50.3	49.7
Above Normal Years (15%)	51.6	53.7	51.3	47.4	45.7	47.2	51.0	50.8	50.4	49.7	50.3	49.7
Below Normal Years (17%)	51.8	53.6	50.9	47.5	46.0	47.9	51.1	51.0	50.4	49.9	50.5	50.6
Dry Years (22%)	52.0	53.8	51.1	48.2	47.0	48.5	52.1	51.7	50.5	50.2	50.7	51.1
Critical (15%)	54.9	54.5	52.0	48.5	47.7	48.8	50.6	51.9	53.2	50.8	51.8	53.5

Table 6C-5-4b. Sacramento River below Keswick, Alternative 3 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	54.4	54.6	52.8	49.1	48.0	49.3	53.0	52.7	52.7	50.7	51.3	52.5
20% Exceedance	52.4	54.4	52.4	48.8	47.5	48.7	52.2	52.1	51.1	50.5	51.0	51.6
30% Exceedance	52.0	54.3	52.1	48.1	47.1	48.4	51.9	52.0	50.8	50.3	50.8	50.9
40% Exceedance	51.8	54.2	51.7	47.8	46.6	48.1	51.3	51.3	50.7	50.2	50.7	50.7
50% Exceedance	51.6	53.9	51.3	47.5	46.3	47.7	50.8	51.0	50.5	50.1	50.6	50.5
60% Exceedance	51.5	53.8	51.0	47.2	45.8	47.3	50.4	50.8	50.4	50.0	50.5	50.1
70% Exceedance	51.3	53.7	50.8	46.7	45.3	46.8	50.2	50.4	50.4	49.8	50.4	49.5
80% Exceedance	51.2	53.5	50.6	46.3	44.8	46.6	49.7	50.2	50.3	49.7	50.2	49.2
90% Exceedance	51.0	53.1	49.5	45.9	44.3	46.0	49.2	49.7	50.1	49.6	50.1	49.1
Full Simulation Period Average^a	52.1	53.9	51.4	47.5	46.2	47.7	51.0	51.1	51.0	50.1	50.6	50.6
Wet Water Years (32%)	51.5	54.0	51.9	46.6	45.2	46.7	50.2	50.5	50.6	50.0	50.3	49.7
Above Normal Years (15%)	51.4	53.7	51.1	47.4	45.7	47.3	51.0	50.7	50.6	49.9	50.6	49.6
Below Normal Years (17%)	51.7	53.6	50.7	47.5	46.1	47.9	51.1	51.1	50.5	49.9	50.6	50.6
Dry Years (22%)	52.0	53.8	51.0	48.1	47.0	48.4	52.3	51.8	50.7	50.2	50.8	51.0
Critical (15%)	54.6	54.6	52.0	48.5	47.7	48.8	50.5	51.7	53.1	50.8	51.3	52.9

Table 6C-5-4c. Sacramento River below Keswick, Alternative 3 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0.1	0.1	-0.2	-0.1	-0.1	0.0	0.2	0.0	-0.4	0.1	0.0	-0.2
20% Exceedance	-0.2	0.0	-0.1	-0.1	0.1	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1
30% Exceedance	-0.2	0.0	-0.1	0.0	-0.1	0.0	0.1	0.2	0.1	0.0	0.0	-0.2
40% Exceedance	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.1	0.1	0.1	0.0
50% Exceedance	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% Exceedance	-0.1	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	0.0	0.0	0.1	0.2
70% Exceedance	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
80% Exceedance	0.0	-0.1	-0.1	-0.1	-0.1	0.1	0.0	0.0	0.2	0.1	0.1	-0.1
90% Exceedance	0.0	-0.1	-0.2	-0.2	0.0	0.0	0.0	-0.1	0.1	0.1	0.0	0.0
Full Simulation Period Average^a	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	-0.1
Wet Water Years (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 Years (15%)	-0.2	0.0	-0.2	-0.1	0.0	0.0	0.0	-0.1	0.2	0.2	0.2	-0.1
Below Normal Years (17%)	-0.1	0.0	-0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.0
Dry Years (22%)	0.0	0.0	-0.1	0.0	0.0	0.0	0.2	0.1	0.1	0.0	0.0	-0.1
Critical (15%)	-0.2	0.1	0.1	0.0	-0.1	-0.1	-0.1	-0.2	-0.1	0.0	-0.5	-0.6

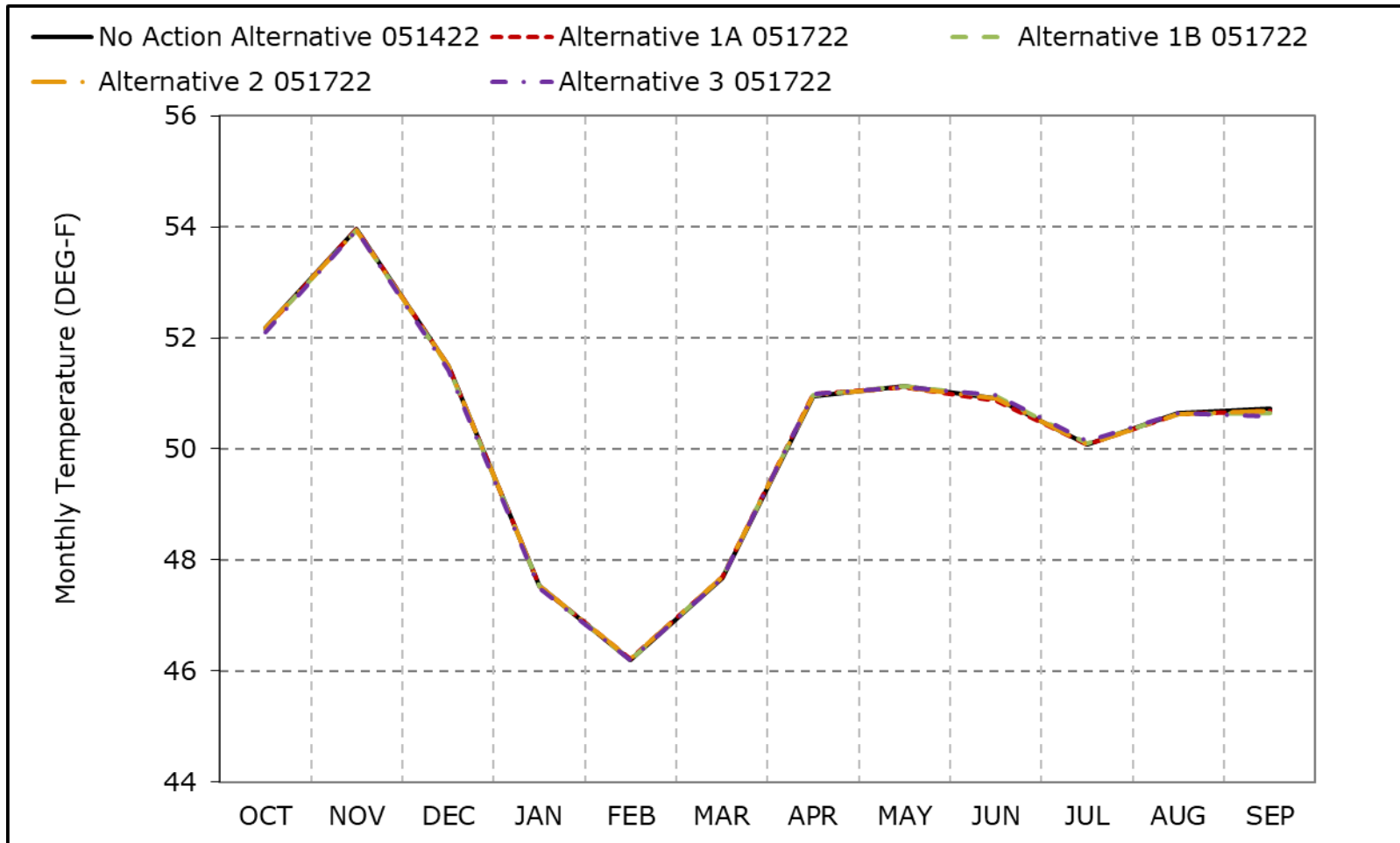
^a Based on the 82-year simulation period.

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

* 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.

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

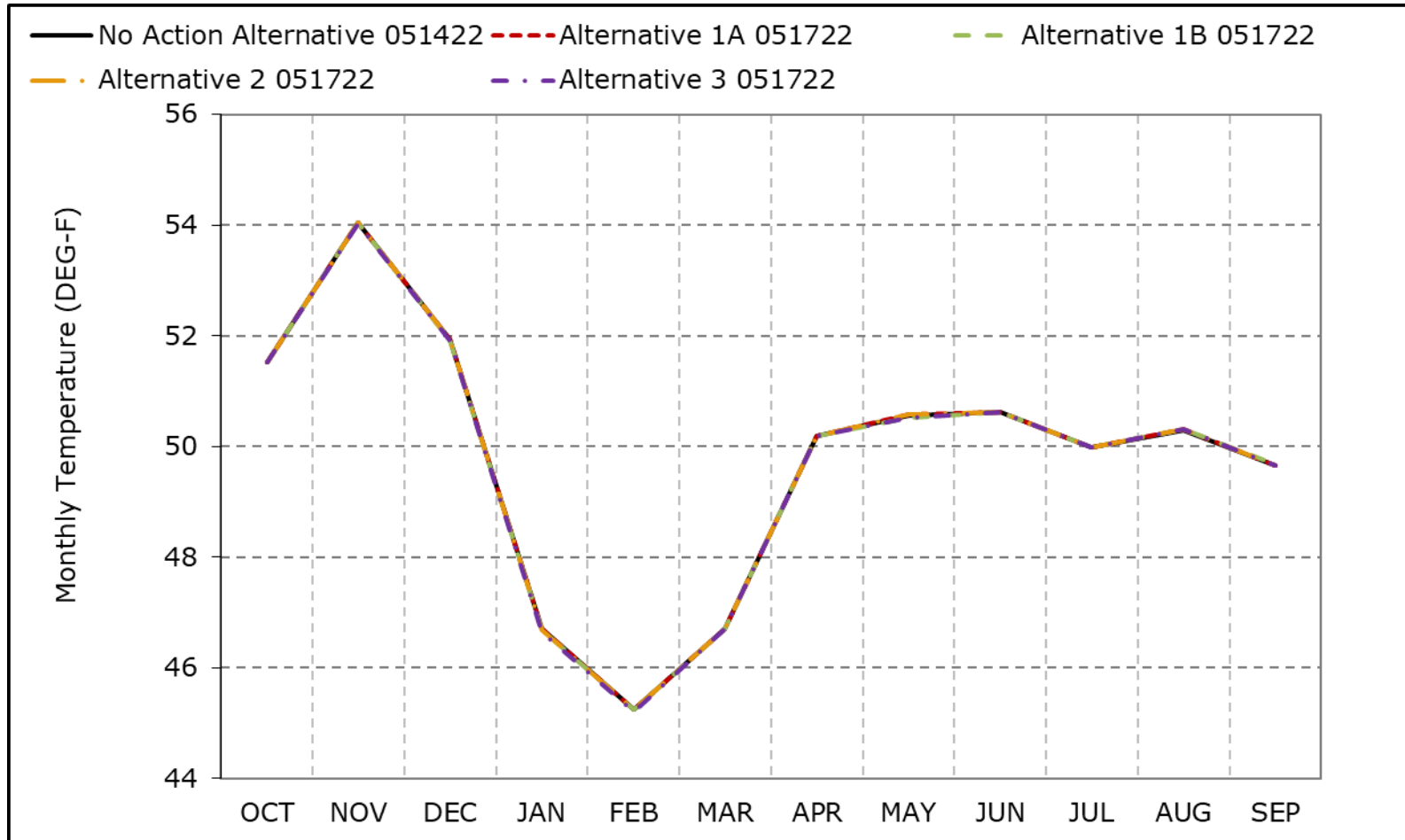


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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

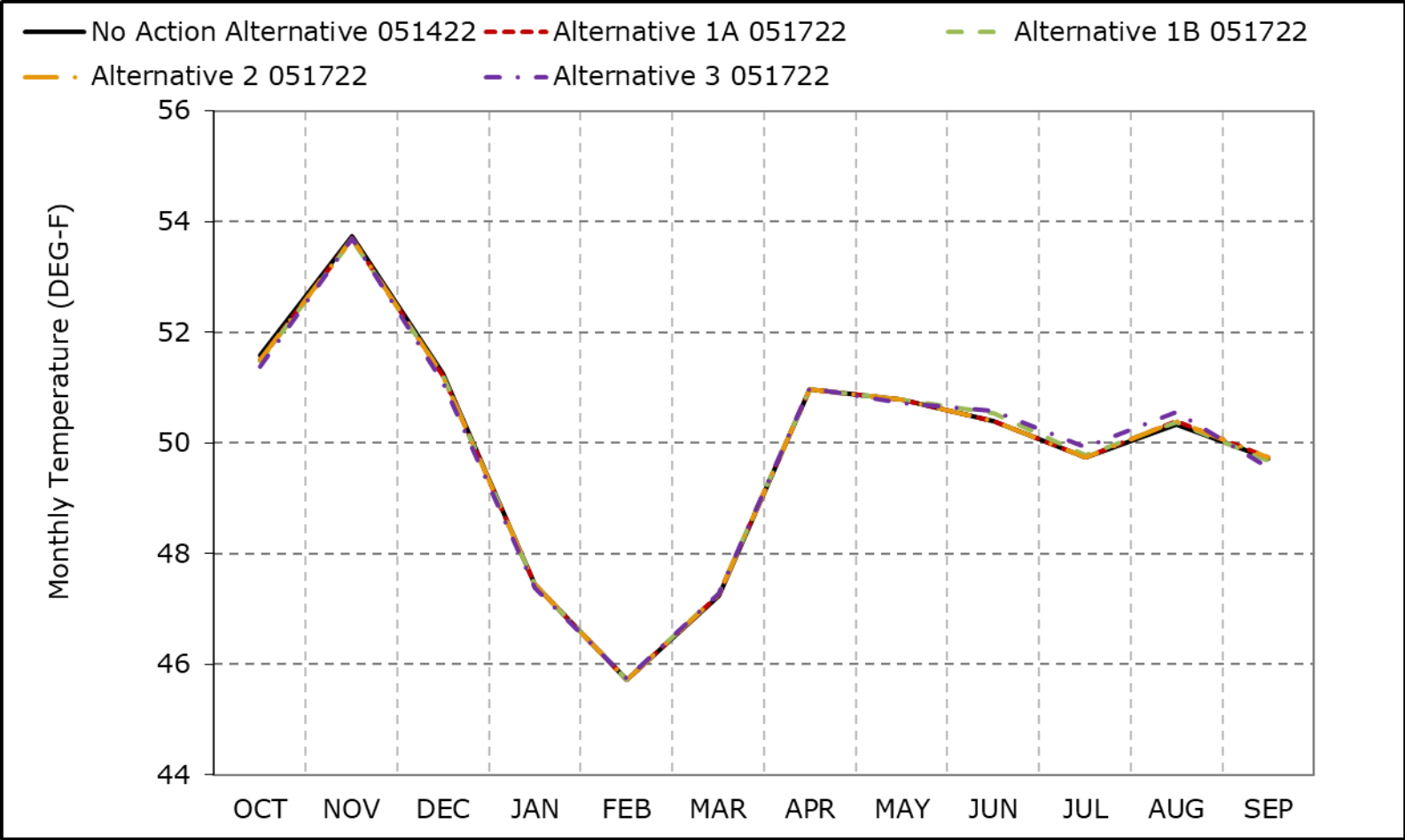


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

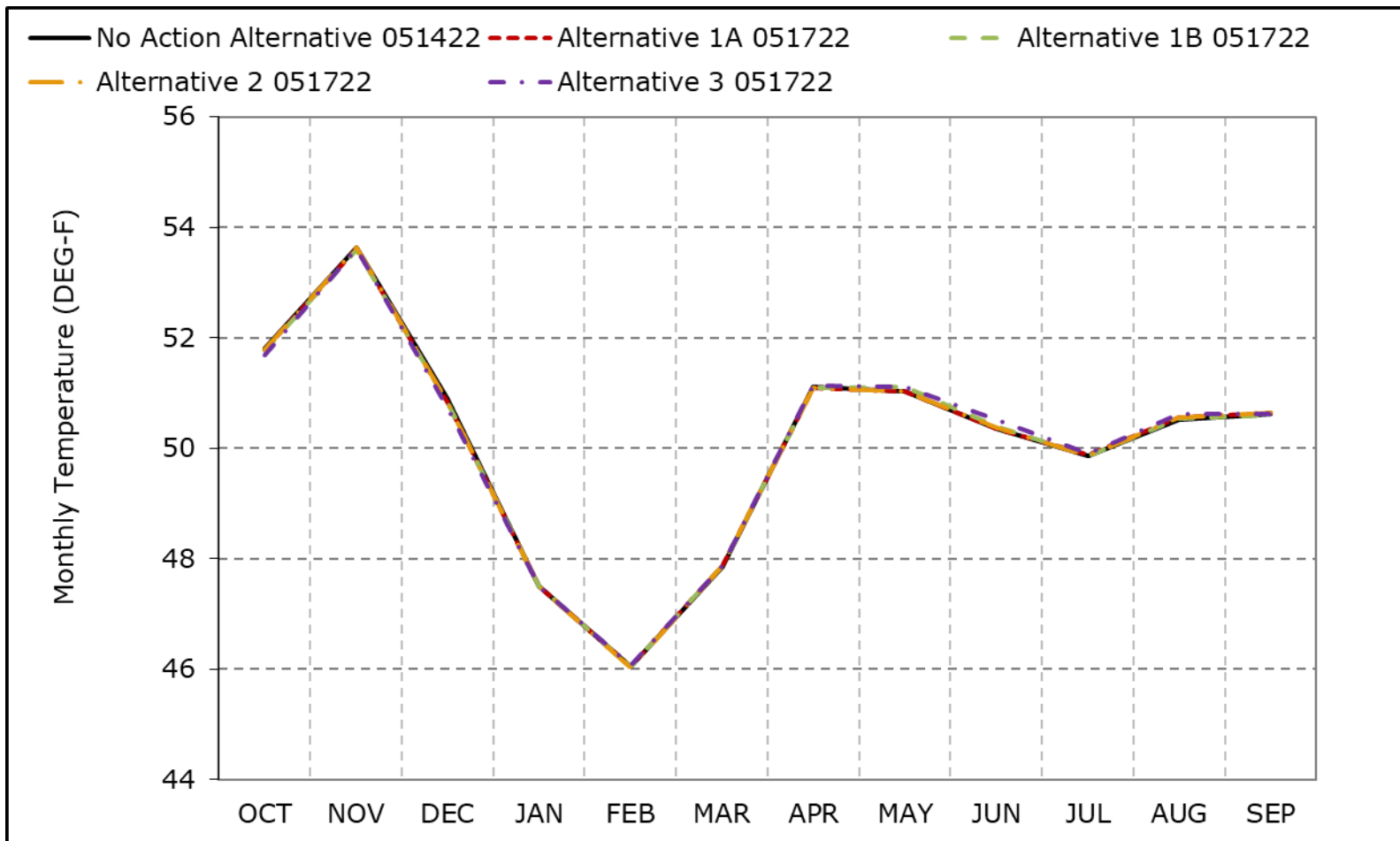
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-5-3. Sacramento River below Keswick, Above Normal Year Average 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-5-4. Sacramento River below Keswick, Below Normal Year Average Temperature

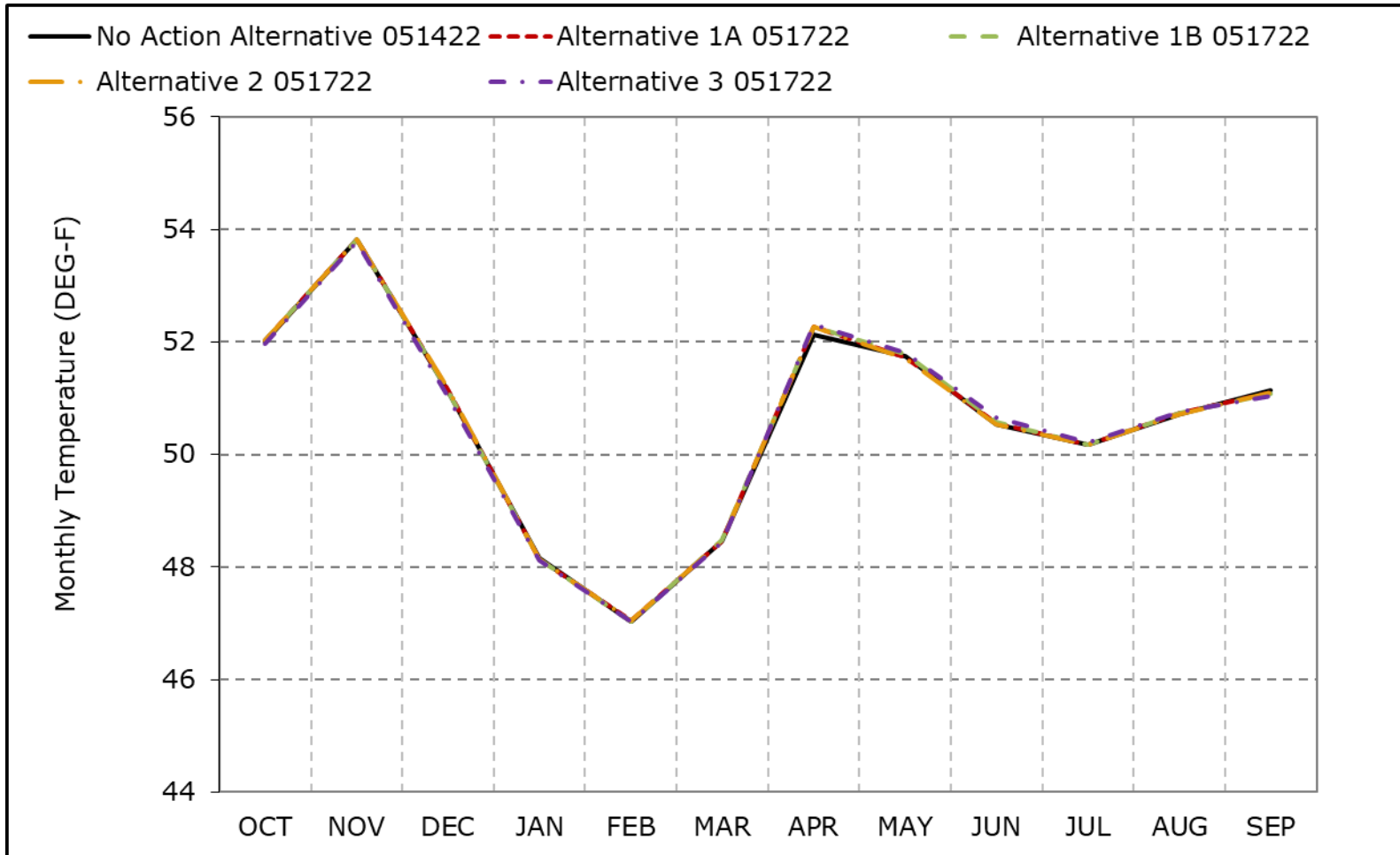


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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-5-5. Sacramento River below Keswick, Dry Year Average Temperature

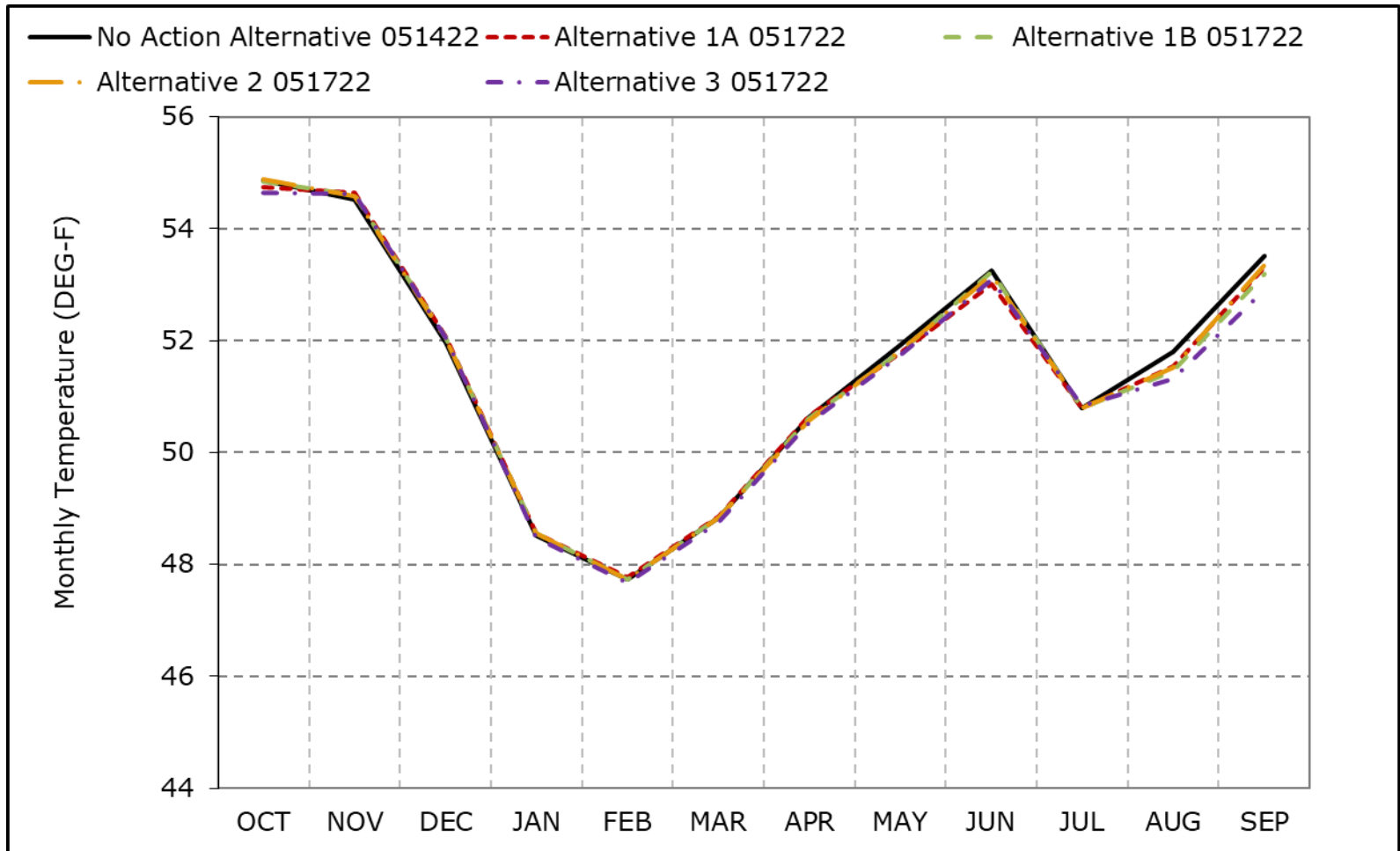


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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

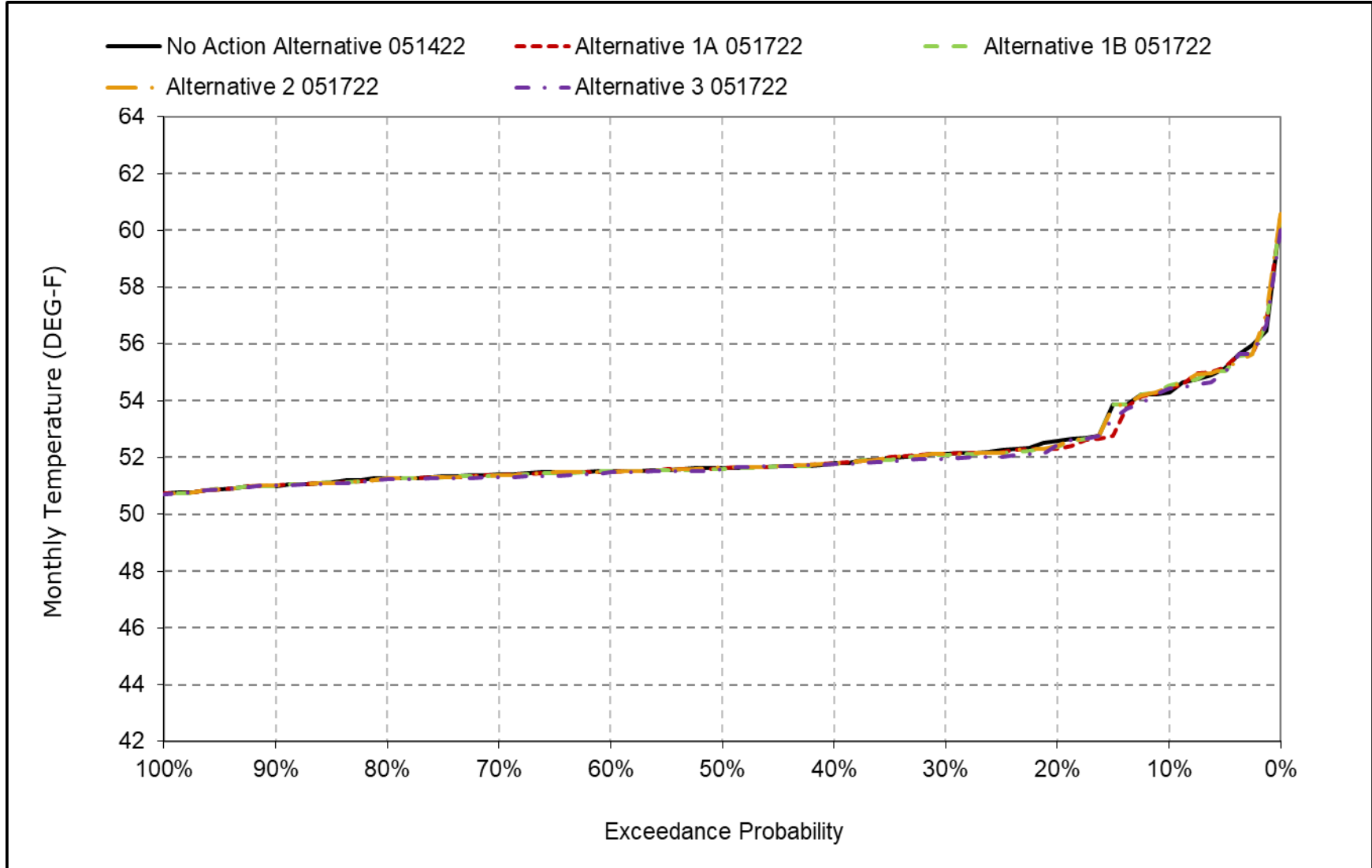


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

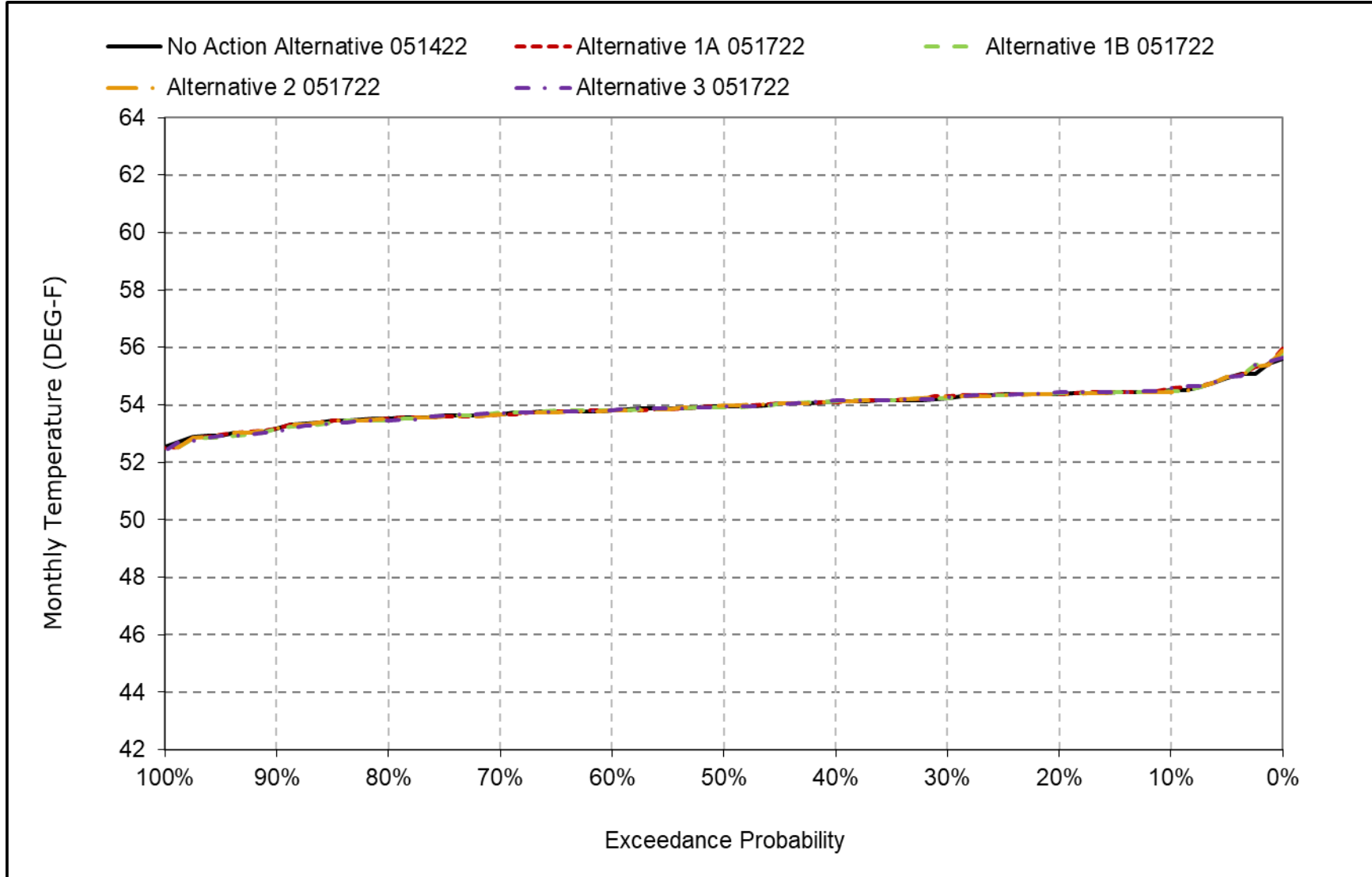
*All scenarios are simulated at current climate and 0 cm sea level rise.

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



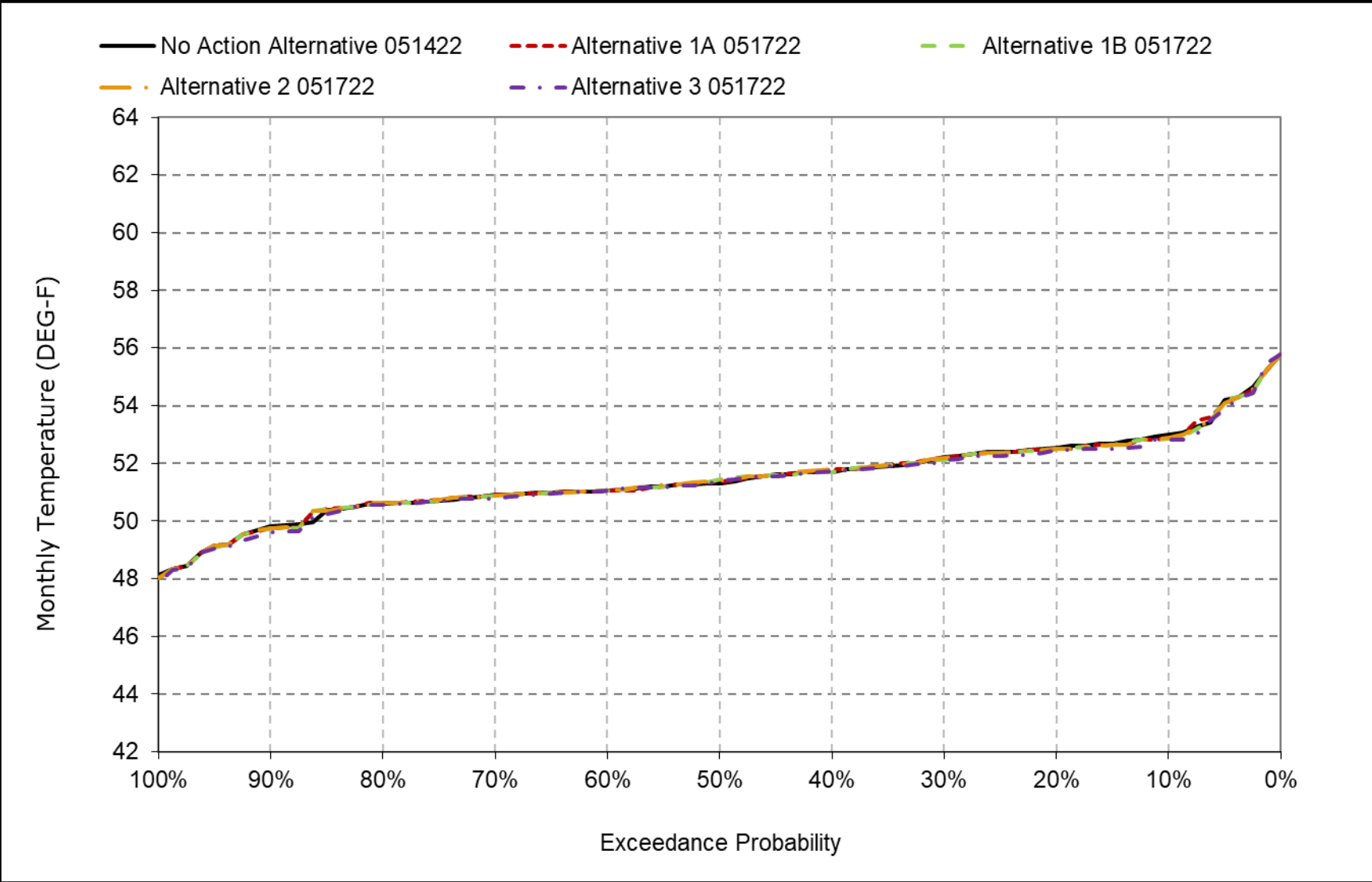
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



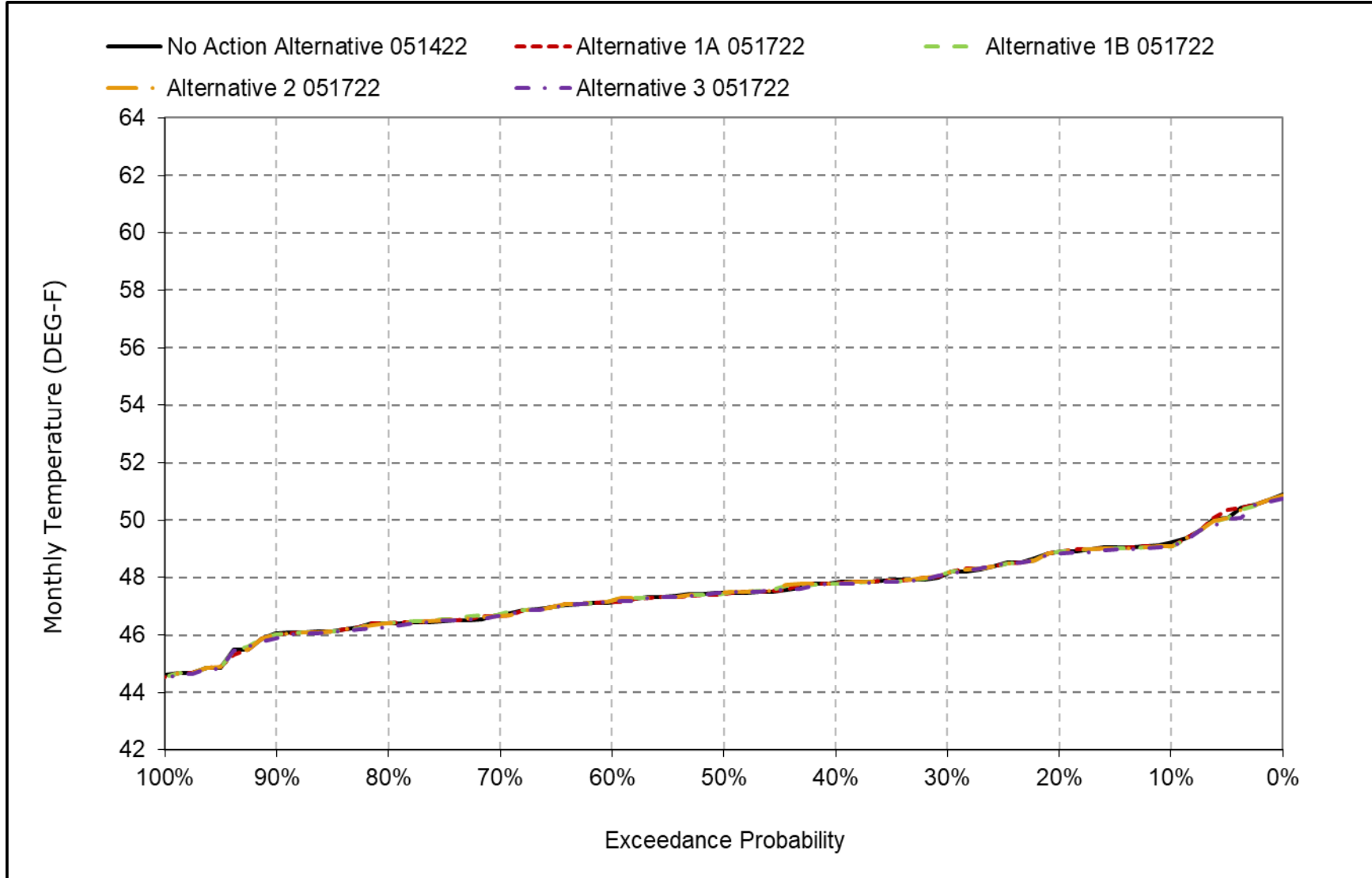
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



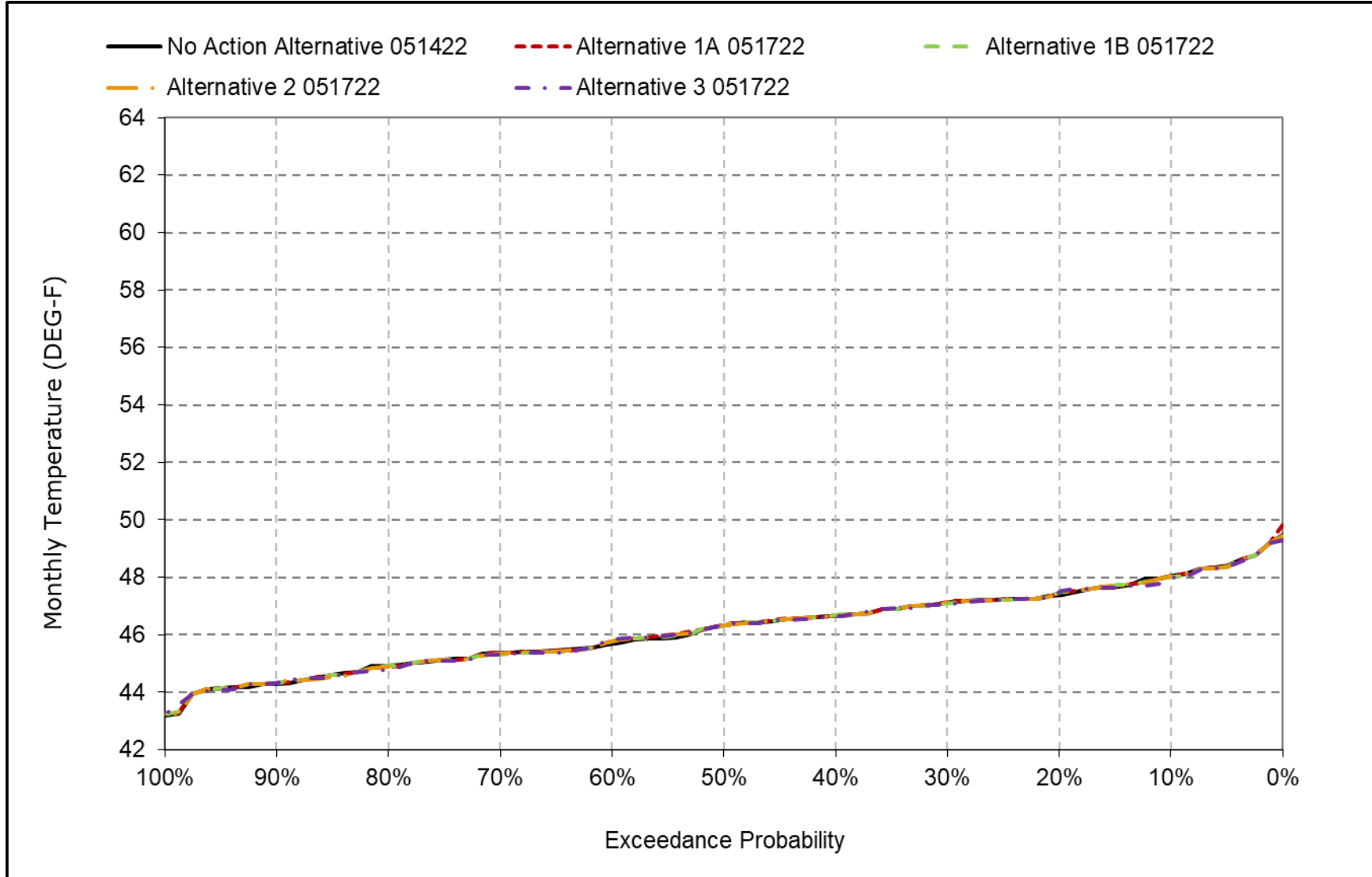
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



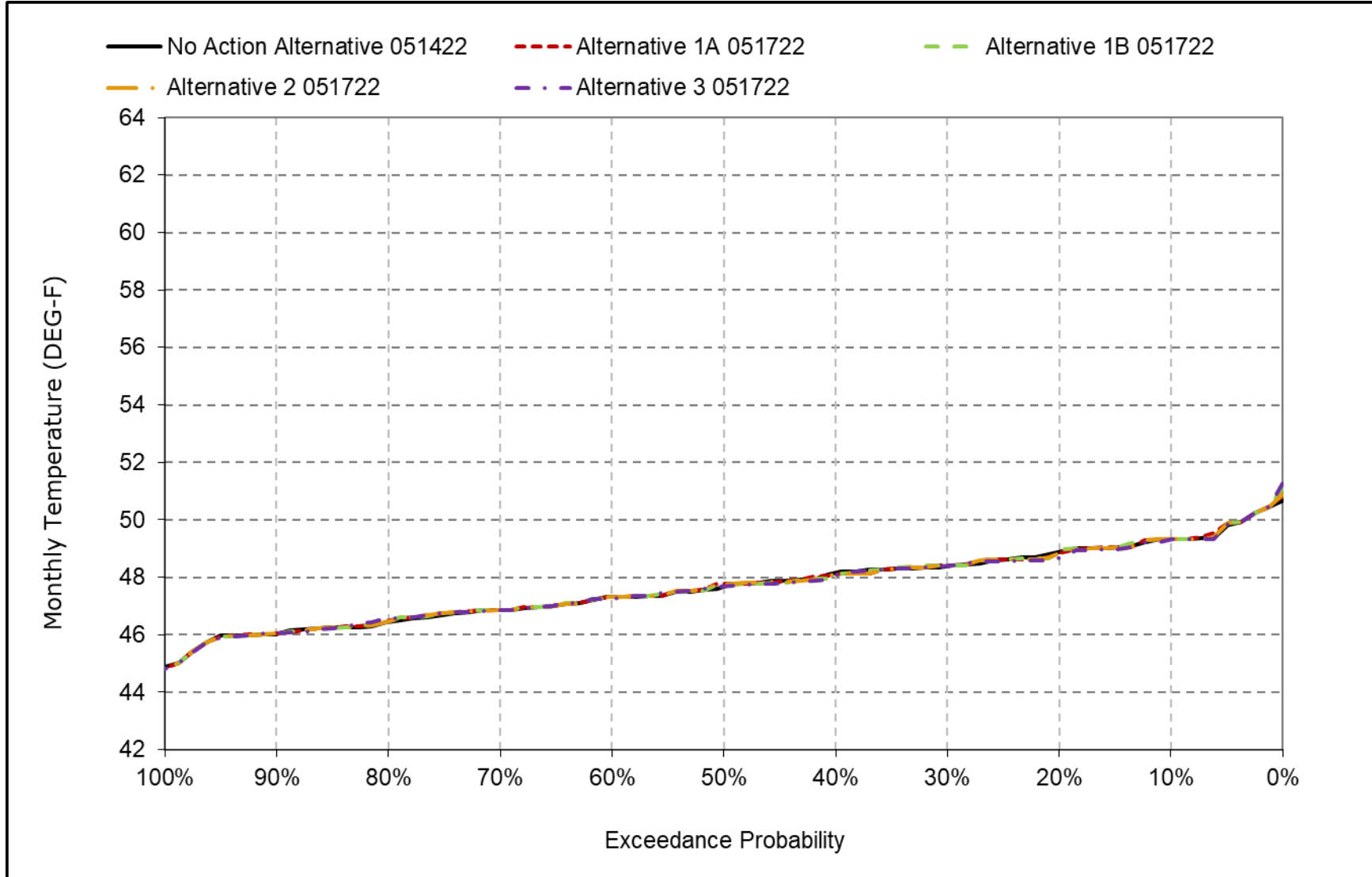
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



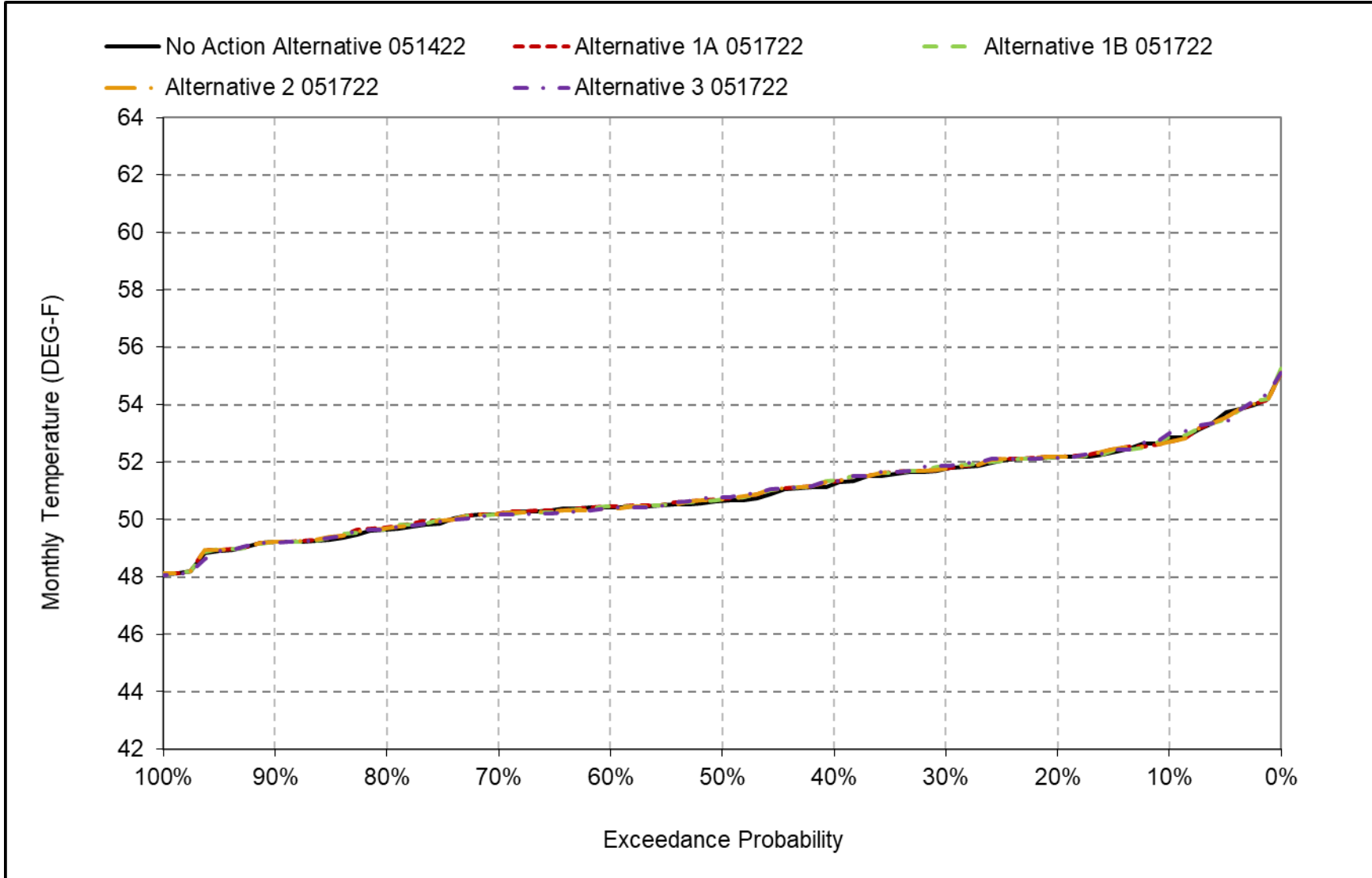
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



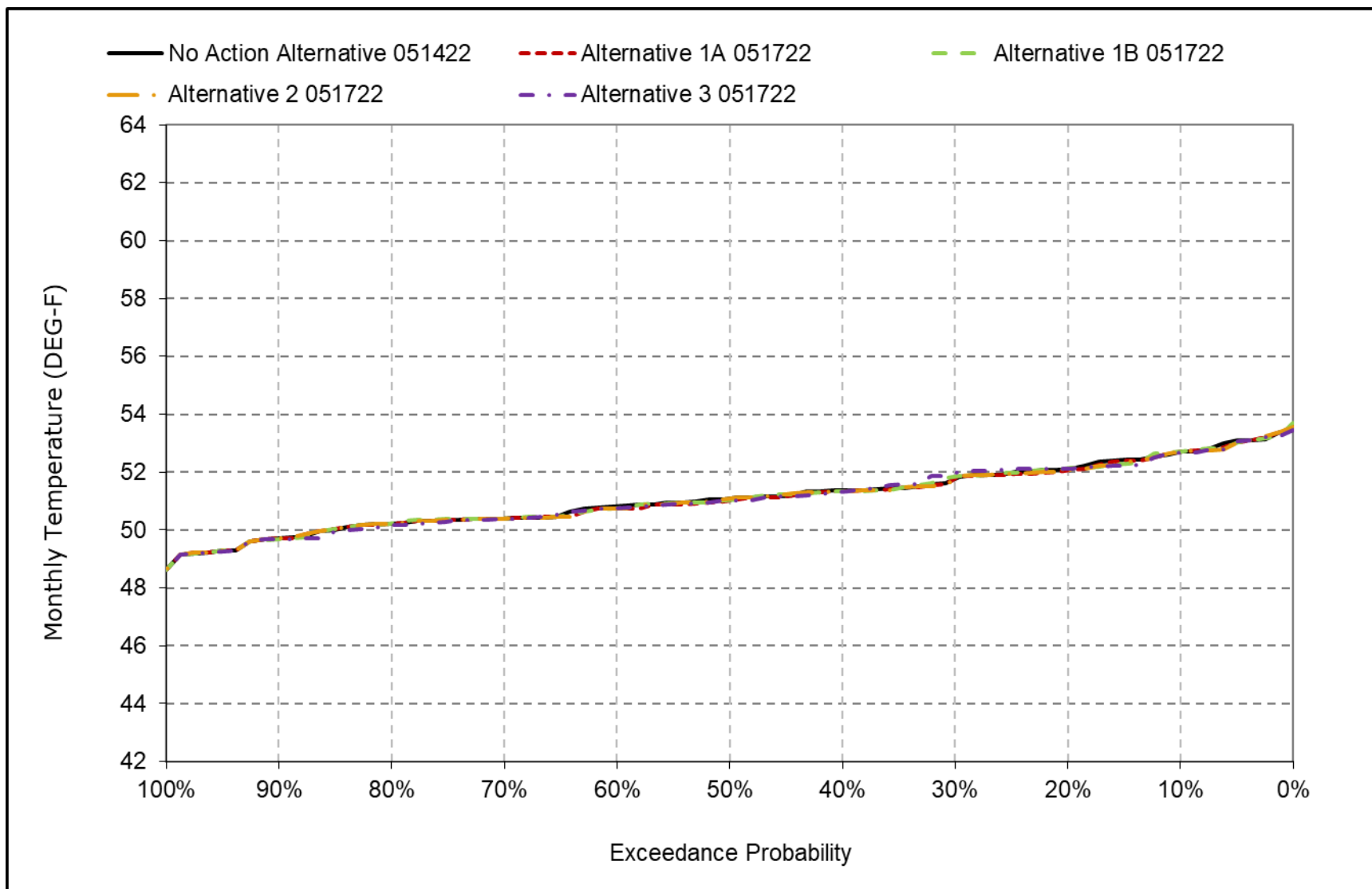
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



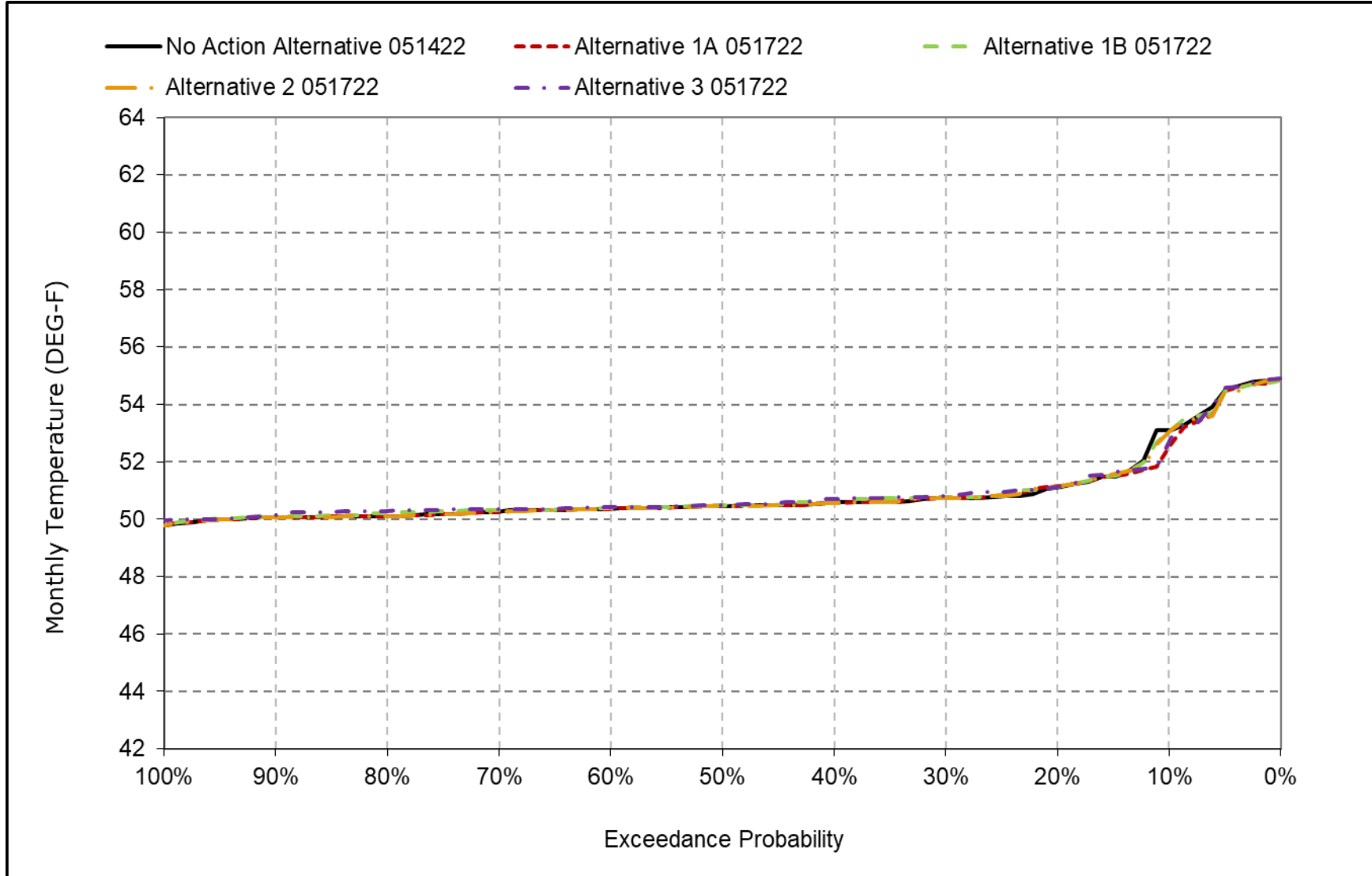
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



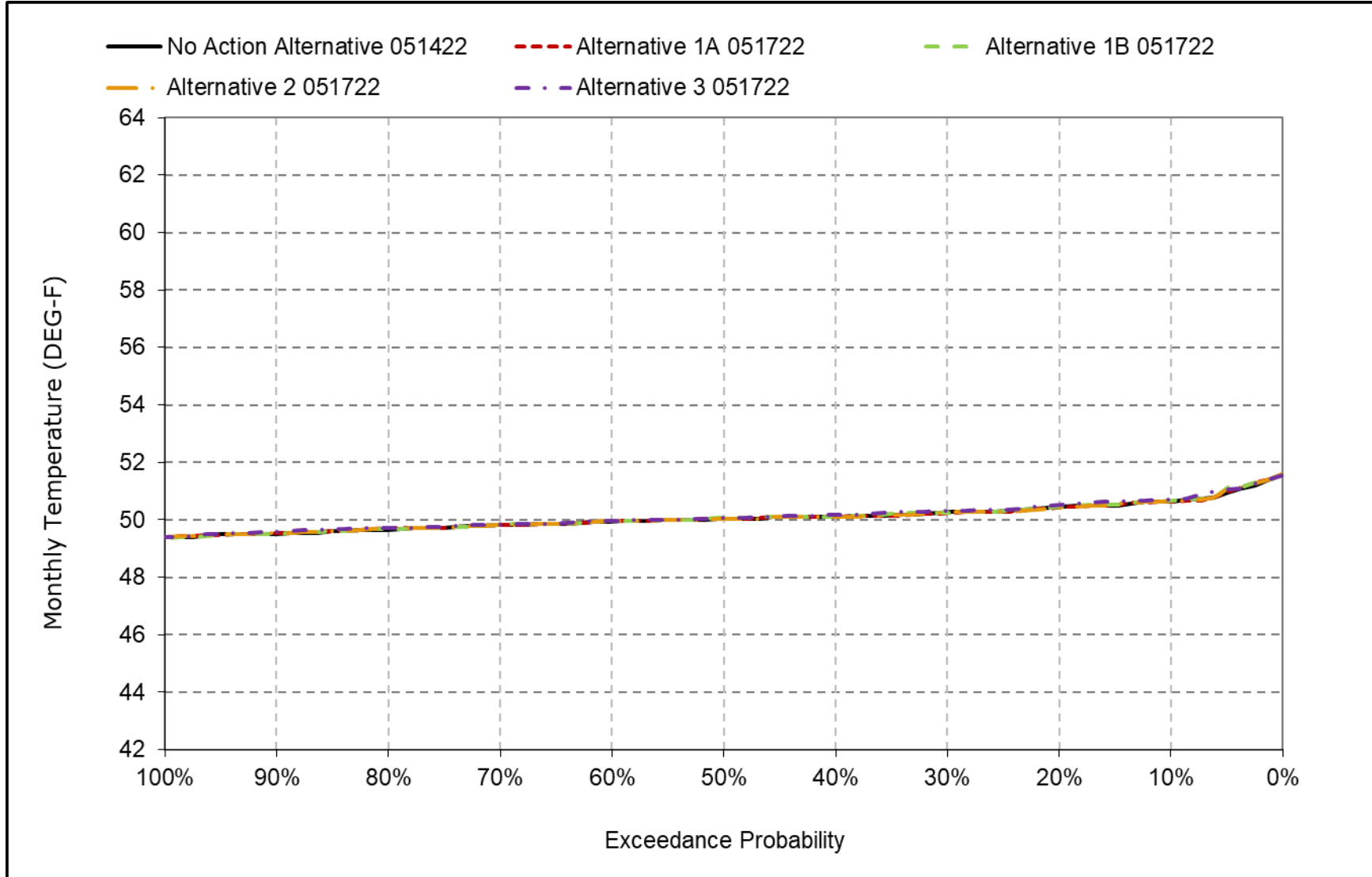
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



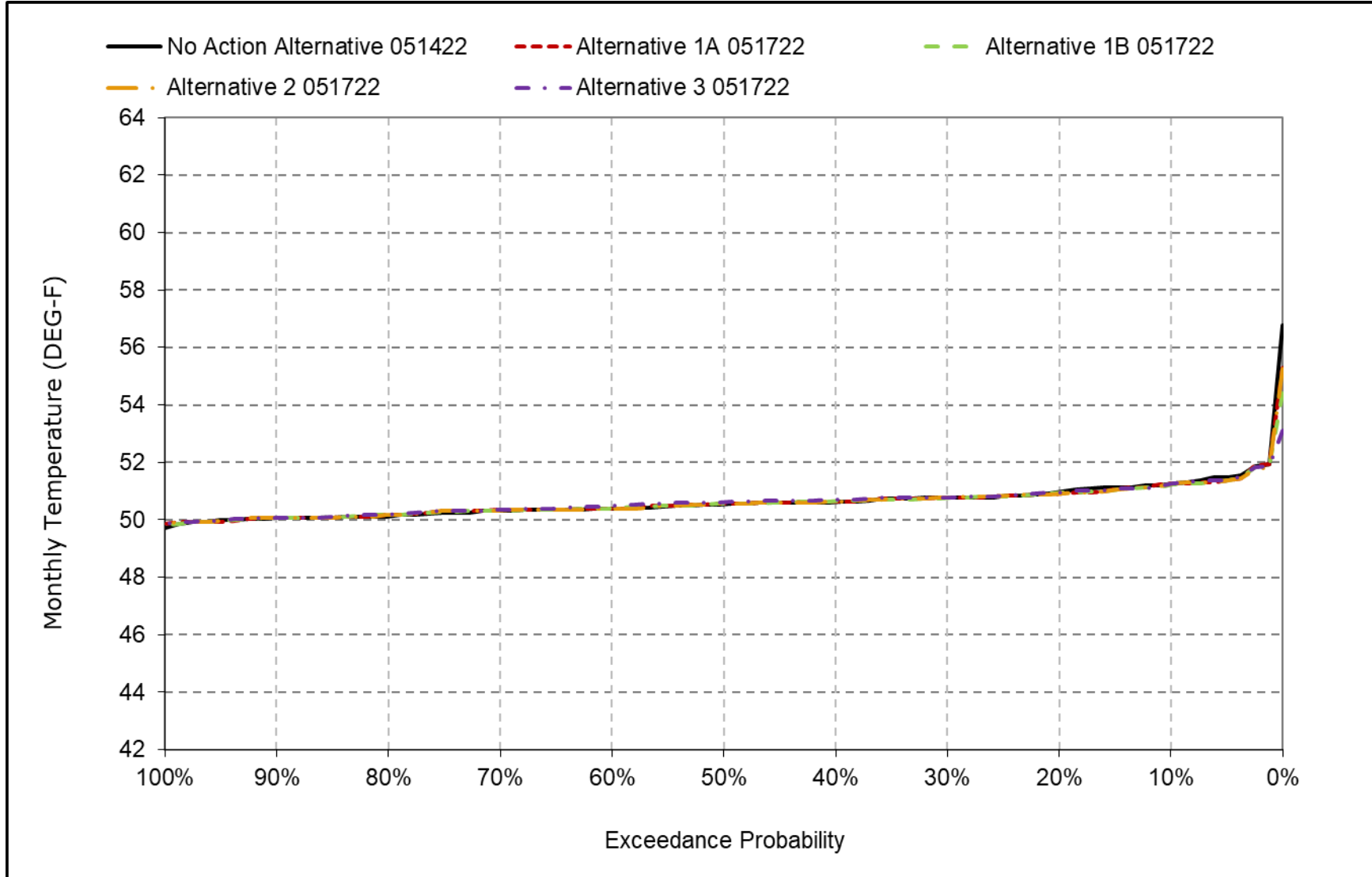
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



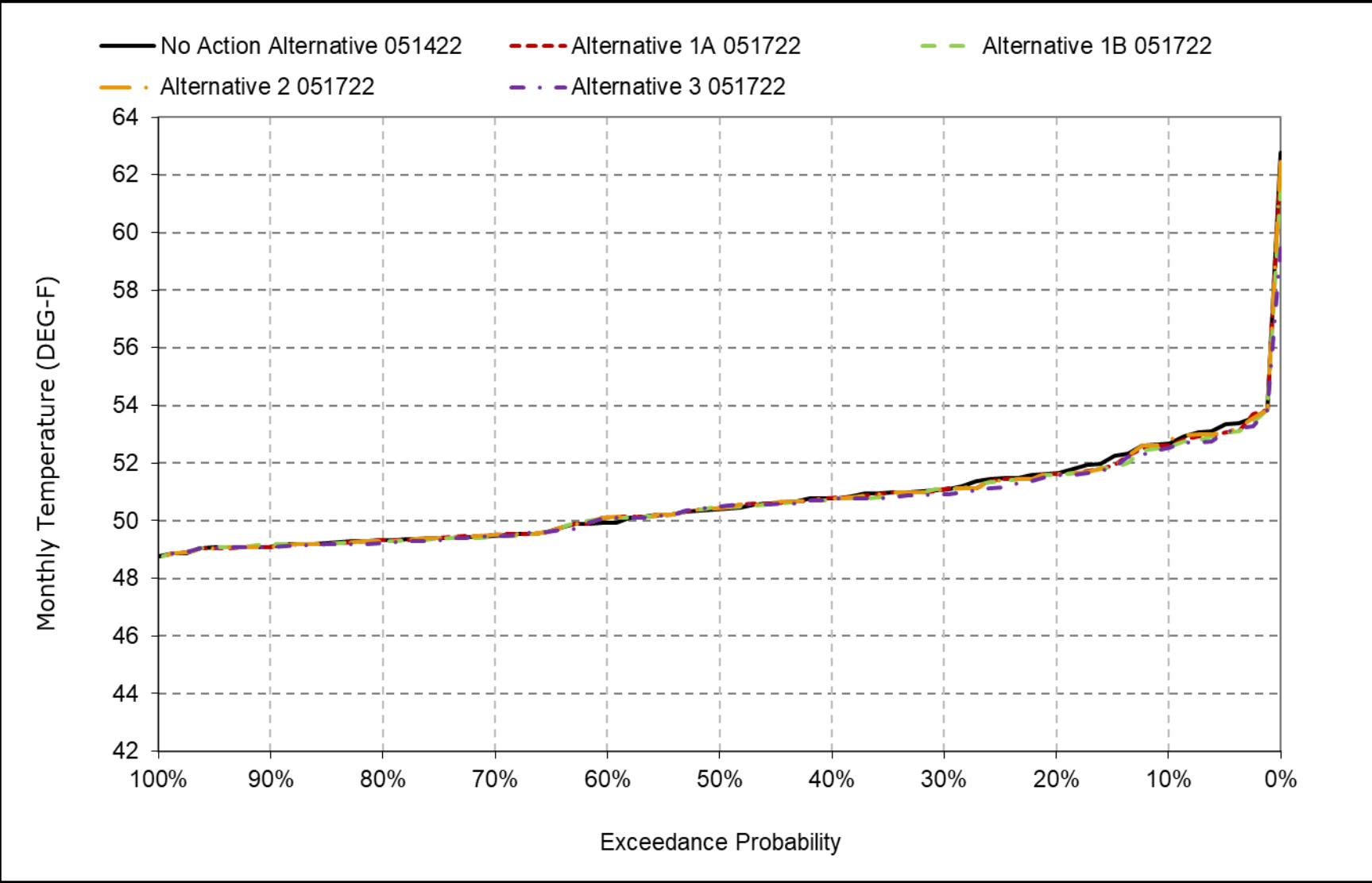
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	54.9	54.4	52.5	48.9	48.4	50.2	54.0	54.2	54.7	52.3	53.1	54.6
20% Exceedance	53.2	54.3	52.0	48.7	48.0	49.9	53.4	53.5	52.9	52.0	52.7	53.5
30% Exceedance	53.0	54.1	51.6	47.9	47.4	49.5	53.0	53.0	52.4	51.8	52.3	52.9
40% Exceedance	52.5	53.9	51.3	47.7	47.0	49.0	52.6	52.9	52.1	51.6	52.1	52.5
50% Exceedance	52.3	53.8	51.0	47.3	46.7	48.5	52.2	52.5	51.9	51.5	52.1	52.0
60% Exceedance	52.1	53.6	50.7	47.1	46.1	48.1	51.7	52.2	51.8	51.3	51.8	51.2
70% Exceedance	52.0	53.4	50.5	46.7	45.5	47.6	51.4	51.7	51.7	51.2	51.7	50.7
80% Exceedance	51.8	53.2	50.1	46.3	45.2	47.0	51.1	51.5	51.4	50.9	51.4	50.4
90% Exceedance	51.5	53.0	49.5	45.9	44.6	46.5	49.8	50.7	51.3	50.8	51.3	50.1
Full Simulation Period Average^a	52.8	53.8	51.1	47.4	46.6	48.5	52.2	52.5	52.4	51.6	52.1	52.2
Wet Water Years (32%)	52.0	53.9	51.5	46.7	45.5	47.2	51.2	51.8	52.2	51.4	51.7	50.7
Above Normal Years (15%)	52.2	53.5	50.9	47.4	46.0	47.9	52.2	52.2	51.9	51.1	51.7	50.9
Below Normal Years (17%)	52.4	53.4	50.5	47.4	46.3	48.8	52.4	52.5	51.7	51.2	52.0	52.2
Dry Years (22%)	52.8	53.6	50.8	47.9	47.5	49.5	53.4	53.1	51.9	51.6	52.3	53.0
Critical (15%)	55.5	54.4	51.4	48.4	48.3	50.0	52.2	53.2	54.6	52.6	53.5	55.3

Table 6C-6-1b. Sacramento River at Clear Creek, Alternative 1A 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	55.0	54.5	52.4	49.0	48.4	50.3	54.0	54.2	54.3	52.3	53.0	54.5
20% Exceedance	53.1	54.3	51.9	48.6	48.0	49.9	53.5	53.5	52.9	52.0	52.6	53.4
30% Exceedance	52.9	54.1	51.6	48.0	47.4	49.4	53.1	53.0	52.4	51.8	52.3	52.8
40% Exceedance	52.6	53.9	51.3	47.7	47.0	49.1	52.6	52.8	52.1	51.6	52.1	52.5
50% Exceedance	52.3	53.8	51.0	47.3	46.7	48.4	52.2	52.5	51.9	51.5	52.1	52.1
60% Exceedance	52.1	53.6	50.7	47.1	46.0	48.1	51.9	52.2	51.8	51.3	51.9	51.3
70% Exceedance	52.0	53.4	50.5	46.7	45.6	47.6	51.5	51.7	51.7	51.2	51.7	50.7
80% Exceedance	51.8	53.2	50.3	46.3	45.1	47.0	51.0	51.5	51.4	51.0	51.5	50.4
90% Exceedance	51.5	53.0	49.5	45.9	44.6	46.5	49.8	50.7	51.3	50.8	51.3	50.1
Full Simulation Period Average^a	52.8	53.8	51.1	47.4	46.6	48.5	52.2	52.4	52.3	51.6	52.1	52.1
Wet Water Years (32%)	52.0	53.9	51.5	46.7	45.5	47.2	51.2	51.8	52.2	51.4	51.7	50.7
Above Normal Years (15%)	52.1	53.5	50.9	47.4	46.0	47.9	52.2	52.2	51.9	51.1	51.8	50.9
Below Normal Years (17%)	52.4	53.4	50.5	47.4	46.3	48.8	52.5	52.5	51.7	51.3	52.0	52.3
Dry Years (22%)	52.8	53.6	50.8	47.9	47.5	49.5	53.5	53.0	51.9	51.6	52.3	52.9
Critical (15%)	55.3	54.5	51.5	48.4	48.3	50.0	52.3	53.2	54.5	52.6	53.2	55.0

Table 6C-6-1c. Sacramento River at Clear Creek, Alternative 1A 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0.1	0.1	-0.1	0.0	0.0	0.1	0.0	0.0	-0.4	0.0	0.0	-0.1
20% Exceedance	-0.1	0.0	-0.1	0.0	0.0	-0.1	0.1	0.0	0.0	0.0	-0.1	-0.2
30% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
50% Exceedance	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.0	0.0	0.0	0.1
60% Exceedance	0.0	0.0	0.0	0.0	-0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.1
70% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
80% Exceedance	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
90% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (15%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Below Normal Years (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Dry Years (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Critical (15%)	-0.1	0.1	0.1	0.0	0.0	0.0	0.1	-0.1	-0.2	0.0	-0.3	-0.3

^a Based on the 82-year simulation period.

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

* 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.

Table 6C-6-2a. Sacramento River at Clear Creek, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	54.9	54.4	52.5	48.9	48.4	50.2	54.0	54.2	54.7	52.3	53.1	54.6
20% Exceedance	53.2	54.3	52.0	48.7	48.0	49.9	53.4	53.5	52.9	52.0	52.7	53.5
30% Exceedance	53.0	54.1	51.6	47.9	47.4	49.5	53.0	53.0	52.4	51.8	52.3	52.9
40% Exceedance	52.5	53.9	51.3	47.7	47.0	49.0	52.6	52.9	52.1	51.6	52.1	52.5
50% Exceedance	52.3	53.8	51.0	47.3	46.7	48.5	52.2	52.5	51.9	51.5	52.1	52.0
60% Exceedance	52.1	53.6	50.7	47.1	46.1	48.1	51.7	52.2	51.8	51.3	51.8	51.2
70% Exceedance	52.0	53.4	50.5	46.7	45.5	47.6	51.4	51.7	51.7	51.2	51.7	50.7
80% Exceedance	51.8	53.2	50.1	46.3	45.2	47.0	51.1	51.5	51.4	50.9	51.4	50.4
90% Exceedance	51.5	53.0	49.5	45.9	44.6	46.5	49.8	50.7	51.3	50.8	51.3	50.1
Full Simulation Period Average^a	52.8	53.8	51.1	47.4	46.6	48.5	52.2	52.5	52.4	51.6	52.1	52.2
Wet Water Years (32%)	52.0	53.9	51.5	46.7	45.5	47.2	51.2	51.8	52.2	51.4	51.7	50.7
Above Normal Years (15%)	52.2	53.5	50.9	47.4	46.0	47.9	52.2	52.2	51.9	51.1	51.7	50.9
Below Normal Years (17%)	52.4	53.4	50.5	47.4	46.3	48.8	52.4	52.5	51.7	51.2	52.0	52.2
Dry Years (22%)	52.8	53.6	50.8	47.9	47.5	49.5	53.4	53.1	51.9	51.6	52.3	53.0
Critical (15%)	55.5	54.4	51.4	48.4	48.3	50.0	52.2	53.2	54.6	52.6	53.5	55.3

Table 6C-6-2b. Sacramento River at Clear Creek, Alternative 1B 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	55.1	54.5	52.4	48.9	48.4	50.3	54.2	54.2	54.6	52.3	53.0	54.5
20% Exceedance	53.1	54.3	52.0	48.6	47.9	49.9	53.5	53.6	53.0	52.1	52.6	53.4
30% Exceedance	52.8	54.1	51.7	48.0	47.4	49.5	53.2	53.1	52.5	51.8	52.3	52.8
40% Exceedance	52.5	53.9	51.2	47.7	47.0	49.1	52.6	52.8	52.1	51.7	52.1	52.4
50% Exceedance	52.3	53.8	51.0	47.3	46.7	48.4	52.2	52.5	52.0	51.5	52.0	52.1
60% Exceedance	52.1	53.5	50.7	47.1	46.0	48.1	51.8	52.2	51.9	51.3	51.9	51.4
70% Exceedance	52.0	53.5	50.5	46.7	45.5	47.6	51.4	51.8	51.7	51.2	51.7	50.7
80% Exceedance	51.8	53.2	50.2	46.3	45.1	47.0	51.1	51.5	51.6	50.9	51.5	50.4
90% Exceedance	51.5	52.9	49.5	45.9	44.6	46.5	49.8	50.7	51.3	50.7	51.3	50.2
Full Simulation Period Average^a	52.8	53.8	51.1	47.4	46.5	48.5	52.2	52.5	52.4	51.6	52.1	52.1
Wet Water Years (32%)	52.0	53.9	51.5	46.7	45.5	47.2	51.2	51.7	52.2	51.4	51.7	50.8
Above Normal Years (15%)	52.1	53.4	50.9	47.4	46.0	47.9	52.2	52.2	52.1	51.1	51.8	50.9
Below Normal Years (17%)	52.4	53.4	50.5	47.4	46.3	48.8	52.5	52.6	51.8	51.3	52.0	52.2
Dry Years (22%)	52.8	53.6	50.8	47.9	47.5	49.5	53.6	53.1	51.9	51.6	52.3	52.9
Critical (15%)	55.4	54.4	51.5	48.4	48.3	49.9	52.3	53.2	54.7	52.6	53.1	54.9

Table 6C-6-2c. Sacramento River at Clear Creek, Alternative 1B 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0.2	0.0	-0.1	0.0	-0.1	0.1	0.2	0.1	-0.1	0.0	-0.1	-0.1
20% Exceedance	-0.1	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.1	0.1	-0.1	-0.1
30% Exceedance	-0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	-0.1
40% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.0	-0.1
50% Exceedance	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
60% Exceedance	0.0	0.0	0.1	0.0	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.2
70% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
80% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.1	0.0
90% Exceedance	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1
Wet Water Years (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
Above Normal Years (15%)	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1	0.0
Below Normal Years (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 Years (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	-0.1
Critical (15%)	0.0	0.1	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.4	-0.4

^a Based on the 82-year simulation period.

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

* 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.

Table 6C-6-3a. Sacramento River at Clear Creek, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	54.9	54.4	52.5	48.9	48.4	50.2	54.0	54.2	54.7	52.3	53.1	54.6
20% Exceedance	53.2	54.3	52.0	48.7	48.0	49.9	53.4	53.5	52.9	52.0	52.7	53.5
30% Exceedance	53.0	54.1	51.6	47.9	47.4	49.5	53.0	53.0	52.4	51.8	52.3	52.9
40% Exceedance	52.5	53.9	51.3	47.7	47.0	49.0	52.6	52.9	52.1	51.6	52.1	52.5
50% Exceedance	52.3	53.8	51.0	47.3	46.7	48.5	52.2	52.5	51.9	51.5	52.1	52.0
60% Exceedance	52.1	53.6	50.7	47.1	46.1	48.1	51.7	52.2	51.8	51.3	51.8	51.2
70% Exceedance	52.0	53.4	50.5	46.7	45.5	47.6	51.4	51.7	51.7	51.2	51.7	50.7
80% Exceedance	51.8	53.2	50.1	46.3	45.2	47.0	51.1	51.5	51.4	50.9	51.4	50.4
90% Exceedance	51.5	53.0	49.5	45.9	44.6	46.5	49.8	50.7	51.3	50.8	51.3	50.1
Full Simulation Period Average^a	52.8	53.8	51.1	47.4	46.6	48.5	52.2	52.5	52.4	51.6	52.1	52.2
Wet Water Years (32%)	52.0	53.9	51.5	46.7	45.5	47.2	51.2	51.8	52.2	51.4	51.7	50.7
Above Normal Years (15%)	52.2	53.5	50.9	47.4	46.0	47.9	52.2	52.2	51.9	51.1	51.7	50.9
Below Normal Years (17%)	52.4	53.4	50.5	47.4	46.3	48.8	52.4	52.5	51.7	51.2	52.0	52.2
Dry Years (22%)	52.8	53.6	50.8	47.9	47.5	49.5	53.4	53.1	51.9	51.6	52.3	53.0
Critical (15%)	55.5	54.4	51.4	48.4	48.3	50.0	52.2	53.2	54.6	52.6	53.5	55.3

Table 6C-6-3b. Sacramento River at Clear Creek, Alternative 2 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	55.0	54.4	52.4	48.9	48.4	50.3	54.0	54.2	54.6	52.3	53.0	54.6
20% Exceedance	53.1	54.3	51.9	48.6	48.0	49.9	53.5	53.4	52.9	52.0	52.6	53.4
30% Exceedance	52.9	54.1	51.6	48.0	47.4	49.5	53.1	53.1	52.4	51.8	52.3	52.8
40% Exceedance	52.6	53.9	51.3	47.7	47.0	49.1	52.6	52.8	52.1	51.6	52.1	52.5
50% Exceedance	52.3	53.8	51.0	47.3	46.7	48.4	52.2	52.5	51.9	51.5	52.0	52.1
60% Exceedance	52.1	53.6	50.7	47.1	46.0	48.1	51.7	52.2	51.8	51.3	51.9	51.3
70% Exceedance	52.0	53.4	50.5	46.7	45.5	47.6	51.4	51.7	51.7	51.2	51.7	50.7
80% Exceedance	51.8	53.2	50.2	46.3	45.1	47.0	51.1	51.5	51.4	51.0	51.5	50.4
90% Exceedance	51.5	53.0	49.5	45.9	44.6	46.5	49.8	50.7	51.3	50.8	51.3	50.1
Full Simulation Period Average^a	52.8	53.8	51.1	47.4	46.6	48.5	52.2	52.5	52.4	51.6	52.1	52.1
Wet Water Years (32%)	52.0	53.9	51.5	46.7	45.5	47.2	51.1	51.8	52.2	51.4	51.7	50.7
Above Normal Years (15%)	52.1	53.5	50.9	47.4	46.0	47.9	52.2	52.2	51.9	51.1	51.8	50.9
Below Normal Years (17%)	52.4	53.4	50.5	47.4	46.3	48.8	52.4	52.5	51.7	51.3	52.0	52.3
Dry Years (22%)	52.8	53.6	50.8	47.9	47.5	49.5	53.5	53.0	51.9	51.6	52.3	52.9
Critical (15%)	55.4	54.4	51.5	48.4	48.3	50.0	52.2	53.2	54.6	52.6	53.2	55.1

Table 6C-6-3c. Sacramento River at Clear Creek, Alternative 2 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0.2	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	-0.1	0.0	0.0	-0.1
20% Exceedance	-0.1	0.0	-0.1	0.0	0.0	-0.1	0.1	-0.1	0.0	0.0	-0.1	-0.2
30% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40% Exceedance	0.0	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
50% Exceedance	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.1
60% Exceedance	0.0	0.0	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
70% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80% Exceedance	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% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (15%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Below Normal Years (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Dry Years (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	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	-0.3	-0.2

^a Based on the 82-year simulation period.

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

* 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.

Table 6C-6-4a. Sacramento River at Clear Creek, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	54.9	54.4	52.5	48.9	48.4	50.2	54.0	54.2	54.7	52.3	53.1	54.6
20% Exceedance	53.2	54.3	52.0	48.7	48.0	49.9	53.4	53.5	52.9	52.0	52.7	53.5
30% Exceedance	53.0	54.1	51.6	47.9	47.4	49.5	53.0	53.0	52.4	51.8	52.3	52.9
40% Exceedance	52.5	53.9	51.3	47.7	47.0	49.0	52.6	52.9	52.1	51.6	52.1	52.5
50% Exceedance	52.3	53.8	51.0	47.3	46.7	48.5	52.2	52.5	51.9	51.5	52.1	52.0
60% Exceedance	52.1	53.6	50.7	47.1	46.1	48.1	51.7	52.2	51.8	51.3	51.8	51.2
70% Exceedance	52.0	53.4	50.5	46.7	45.5	47.6	51.4	51.7	51.7	51.2	51.7	50.7
80% Exceedance	51.8	53.2	50.1	46.3	45.2	47.0	51.1	51.5	51.4	50.9	51.4	50.4
90% Exceedance	51.5	53.0	49.5	45.9	44.6	46.5	49.8	50.7	51.3	50.8	51.3	50.1
Full Simulation Period Average^a	52.8	53.8	51.1	47.4	46.6	48.5	52.2	52.5	52.4	51.6	52.1	52.2
Wet Water Years (32%)	52.0	53.9	51.5	46.7	45.5	47.2	51.2	51.8	52.2	51.4	51.7	50.7
Above Normal Years (15%)	52.2	53.5	50.9	47.4	46.0	47.9	52.2	52.2	51.9	51.1	51.7	50.9
Below Normal Years (17%)	52.4	53.4	50.5	47.4	46.3	48.8	52.4	52.5	51.7	51.2	52.0	52.2
Dry Years (22%)	52.8	53.6	50.8	47.9	47.5	49.5	53.4	53.1	51.9	51.6	52.3	53.0
Critical (15%)	55.5	54.4	51.4	48.4	48.3	50.0	52.2	53.2	54.6	52.6	53.5	55.3

Table 6C-6-4b. Sacramento River at Clear Creek, Alternative 3 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	55.0	54.5	52.3	48.9	48.3	50.2	54.4	54.2	54.2	52.6	53.0	54.4
20% Exceedance	53.1	54.3	51.9	48.6	48.0	49.9	53.5	53.5	53.1	52.1	52.7	53.3
30% Exceedance	52.7	54.1	51.6	48.0	47.4	49.3	53.3	53.2	52.5	52.0	52.4	52.6
40% Exceedance	52.5	53.9	51.2	47.7	47.0	49.0	52.6	52.9	52.3	51.8	52.3	52.4
50% Exceedance	52.3	53.8	50.9	47.4	46.7	48.4	52.2	52.4	52.0	51.6	52.1	52.1
60% Exceedance	52.1	53.6	50.7	47.0	46.1	48.1	51.8	52.3	51.9	51.3	51.9	51.3
70% Exceedance	51.9	53.5	50.5	46.7	45.5	47.6	51.4	51.7	51.8	51.2	51.8	50.6
80% Exceedance	51.7	53.2	50.1	46.3	45.1	47.1	51.0	51.5	51.7	51.0	51.5	50.3
90% Exceedance	51.5	52.9	49.3	45.9	44.6	46.5	49.9	50.7	51.4	50.8	51.3	50.2
Full Simulation Period Average^a	52.7	53.8	51.0	47.4	46.5	48.5	52.2	52.5	52.5	51.6	52.1	52.0
Wet Water Years (32%)	52.0	53.9	51.5	46.7	45.4	47.2	51.2	51.8	52.2	51.4	51.7	50.7
Above Normal Years (15%)	52.0	53.5	50.7	47.4	46.0	47.9	52.2	52.1	52.2	51.3	52.0	50.7
Below Normal Years (17%)	52.3	53.4	50.4	47.4	46.3	48.8	52.5	52.6	52.0	51.3	52.1	52.3
Dry Years (22%)	52.7	53.6	50.7	47.9	47.5	49.4	53.6	53.2	52.1	51.7	52.3	52.9
Critical (15%)	55.2	54.5	51.5	48.3	48.2	49.9	52.1	53.2	54.6	52.7	53.0	54.7

Table 6C-6-4c. Sacramento River at Clear Creek, Alternative 3 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0.1	0.1	-0.2	0.0	-0.1	0.0	0.4	0.0	-0.5	0.3	-0.1	-0.2
20% Exceedance	-0.1	0.0	-0.1	-0.1	0.0	-0.1	0.1	0.0	0.2	0.1	0.0	-0.2
30% Exceedance	-0.3	0.0	0.0	0.0	0.0	-0.1	0.2	0.2	0.1	0.1	0.1	-0.2
40% Exceedance	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1	-0.1
50% Exceedance	0.0	0.0	0.0	0.1	0.0	-0.1	0.0	-0.1	0.1	0.1	0.1	0.1
60% Exceedance	-0.1	0.0	0.0	-0.1	-0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.1
70% Exceedance	-0.2	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.1	0.0	0.1	-0.1
80% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.3	0.1	0.1	0.0
90% Exceedance	0.0	-0.2	-0.2	-0.1	0.0	-0.1	0.0	-0.1	0.1	0.1	0.0	0.0
Full Simulation Period Average^a	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	-0.1
Wet Water Years (32%)	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
Above Normal Years (15%)	-0.3	0.0	-0.2	-0.1	0.0	0.0	0.0	-0.1	0.3	0.3	0.3	-0.2
Below Normal Years (17%)	-0.1	0.0	-0.1	0.0	0.0	0.0	0.1	0.1	0.3	0.1	0.1	0.0
Dry Years (22%)	-0.1	0.0	-0.1	0.0	0.0	0.0	0.2	0.1	0.2	0.1	0.1	-0.1
Critical (15%)	-0.2	0.1	0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	0.1	-0.5	-0.6

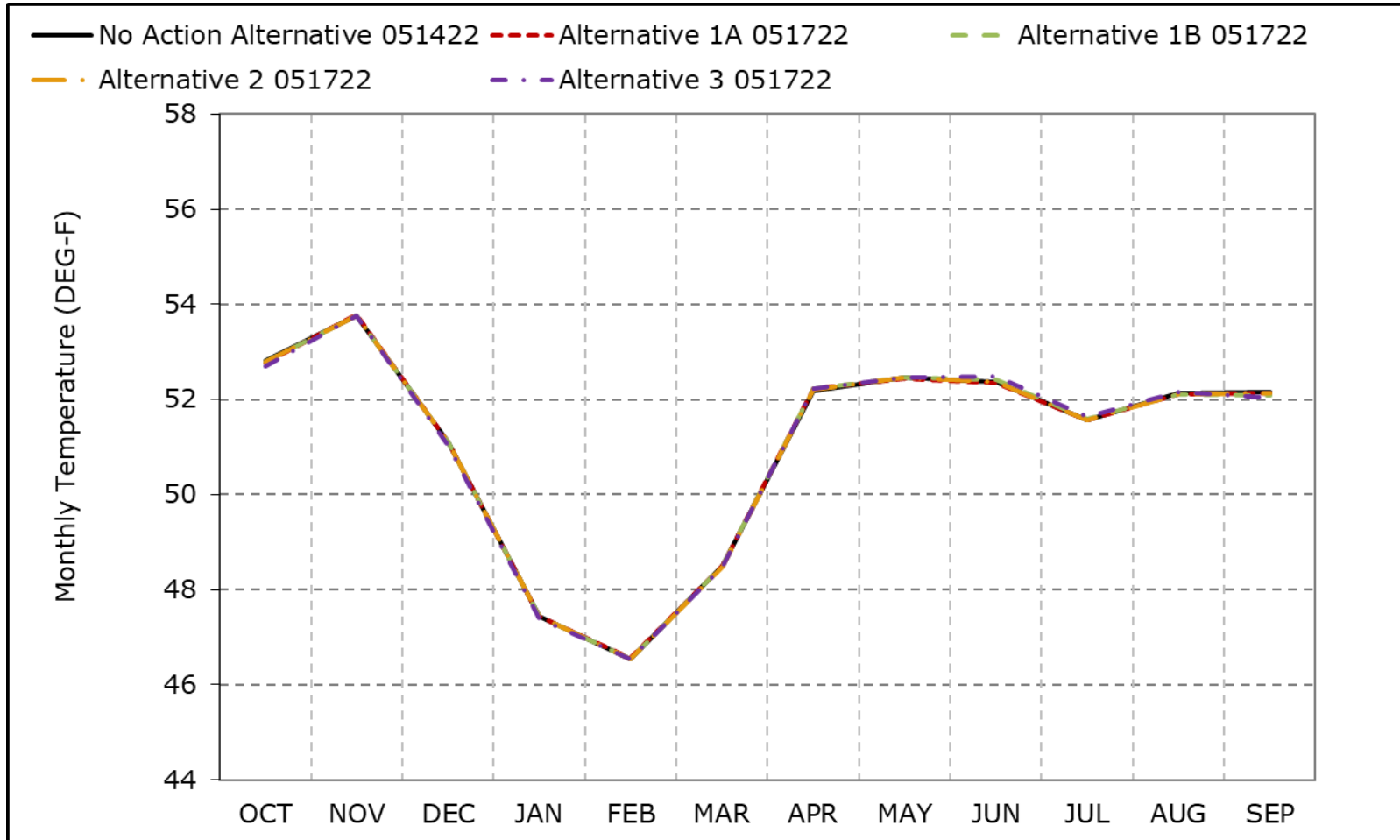
^a Based on the 82-year simulation period.

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

* 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.

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

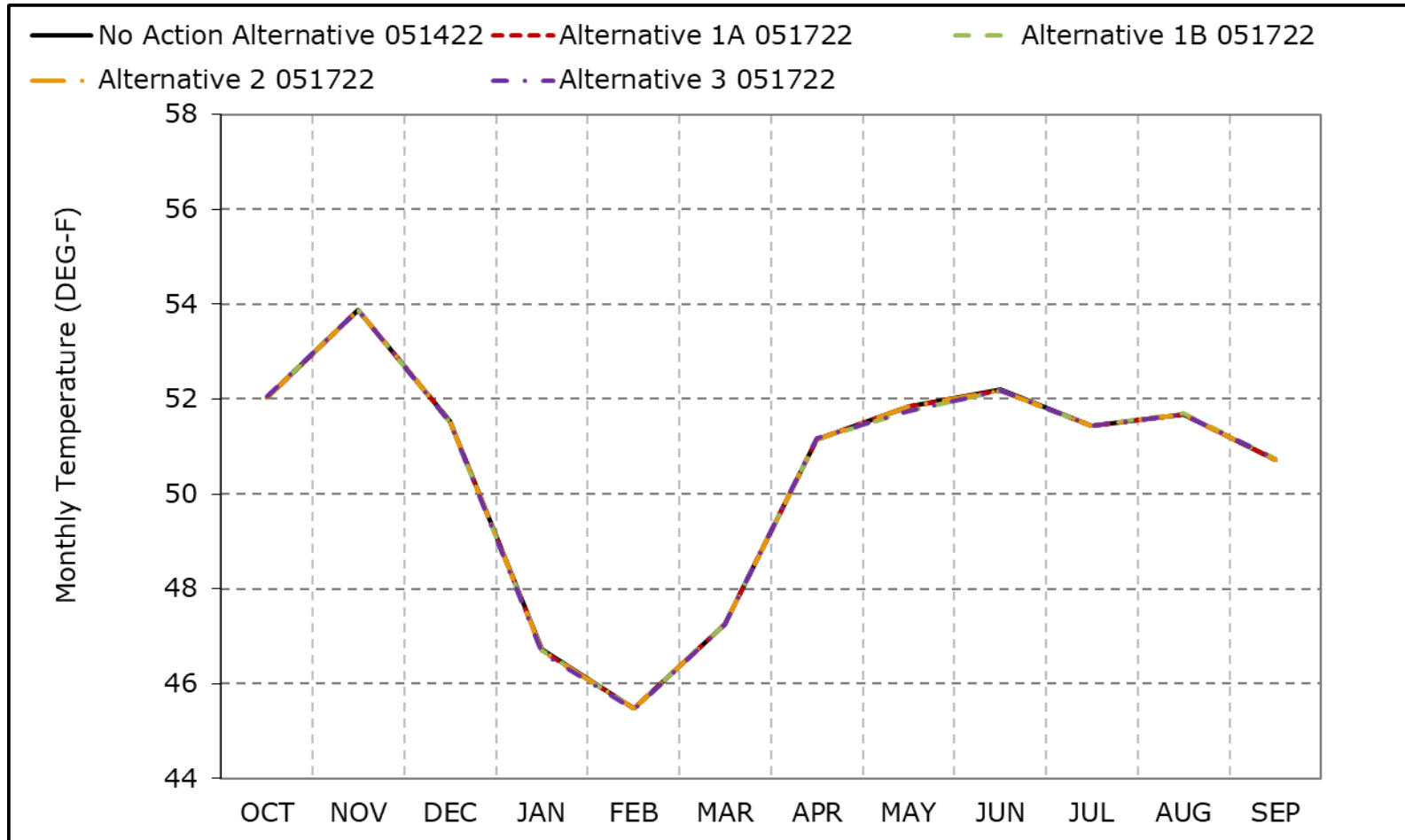


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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

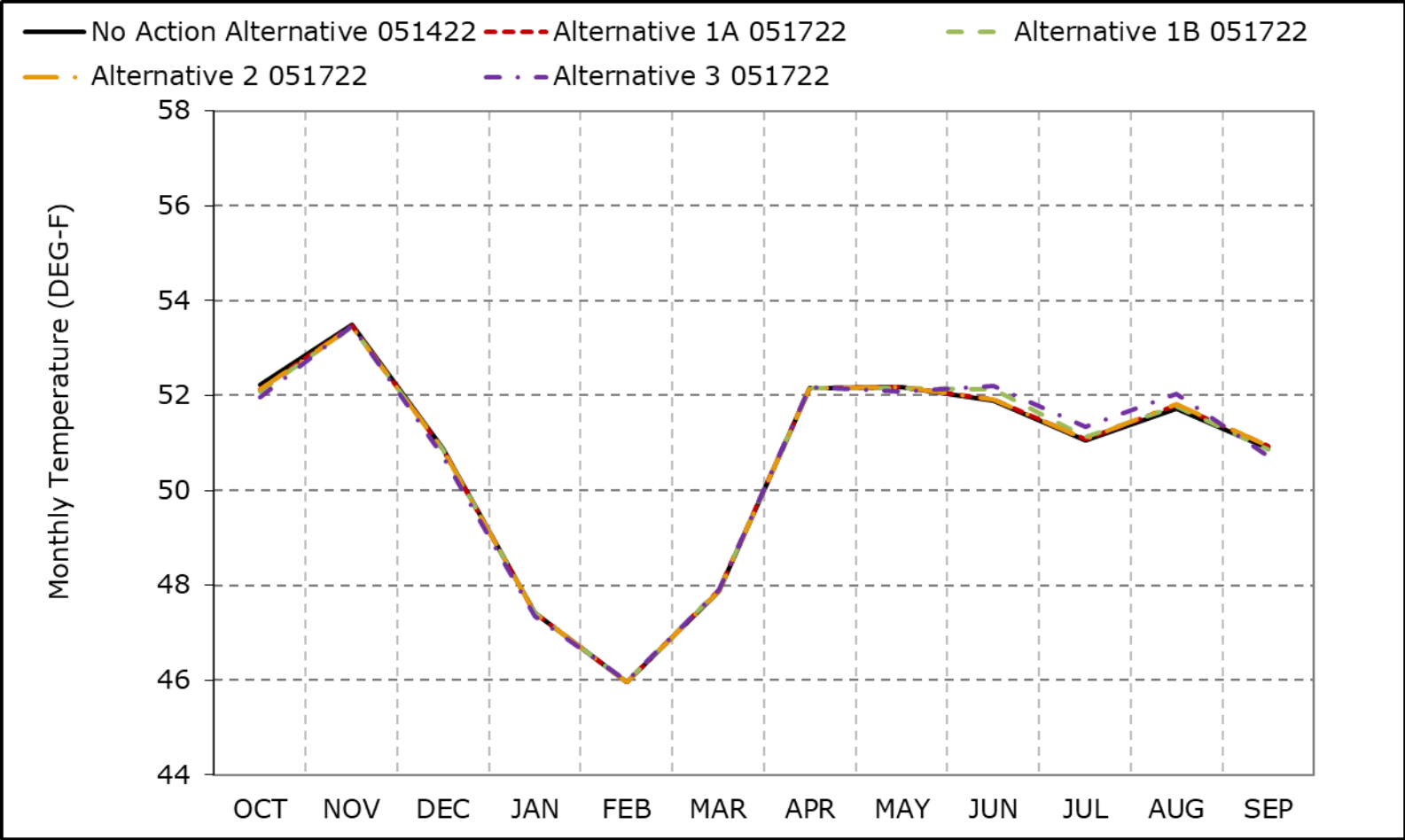


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

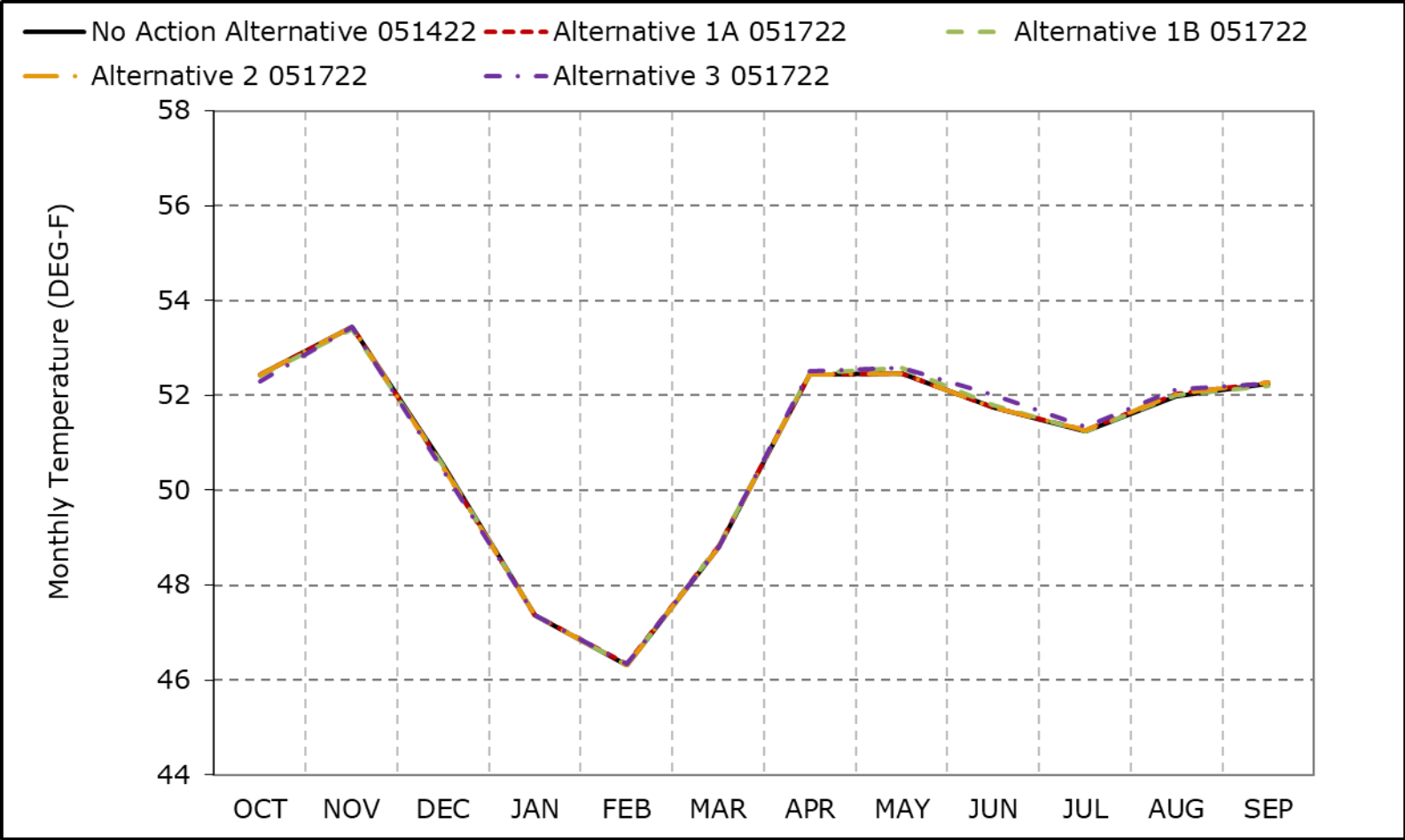
*All scenarios are simulated at current climate and 0 cm sea level rise.

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



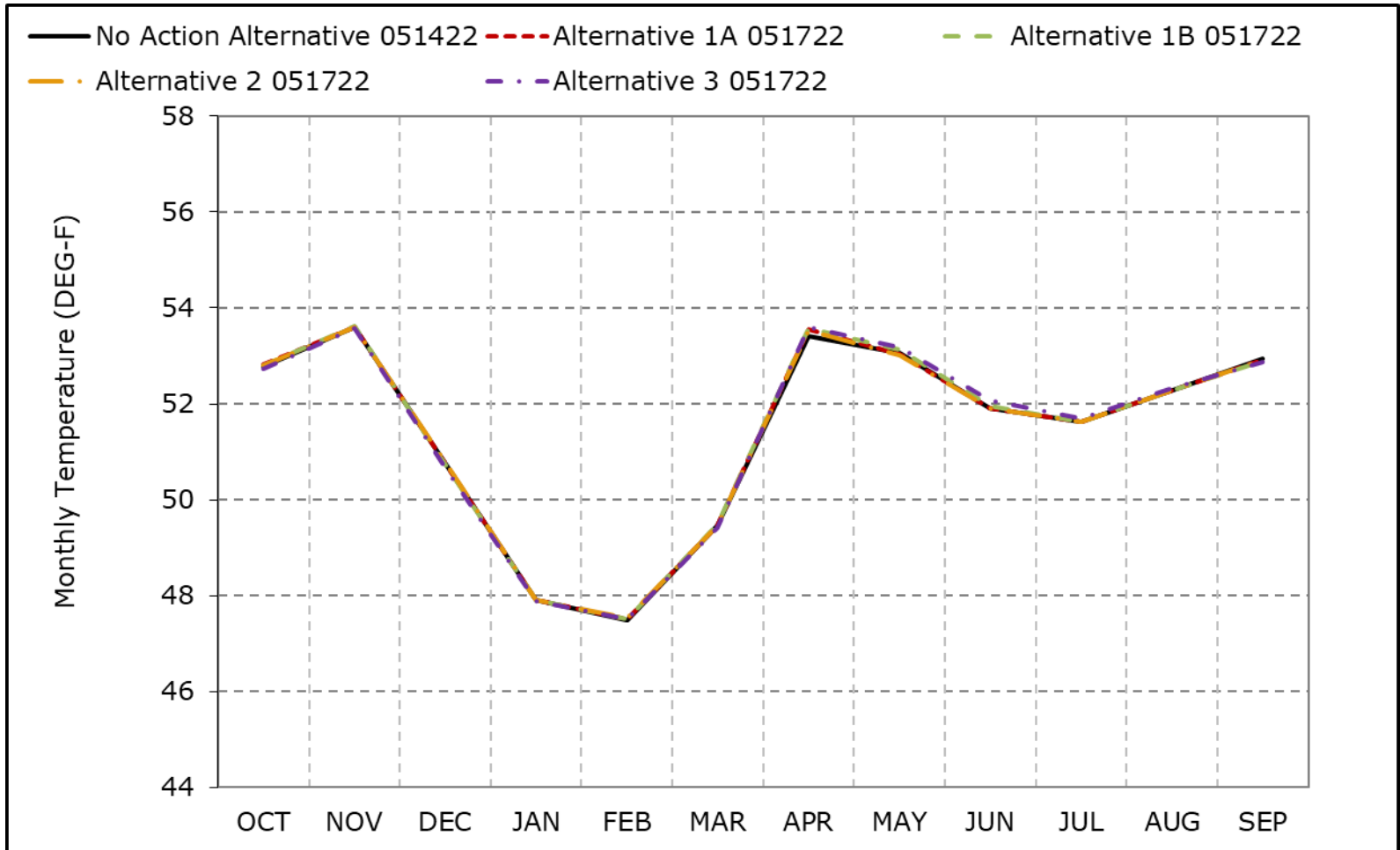
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
 *These results are displayed with calendar year - year type sorting.
 *All scenarios are simulated at current climate and 0 cm sea level rise.

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

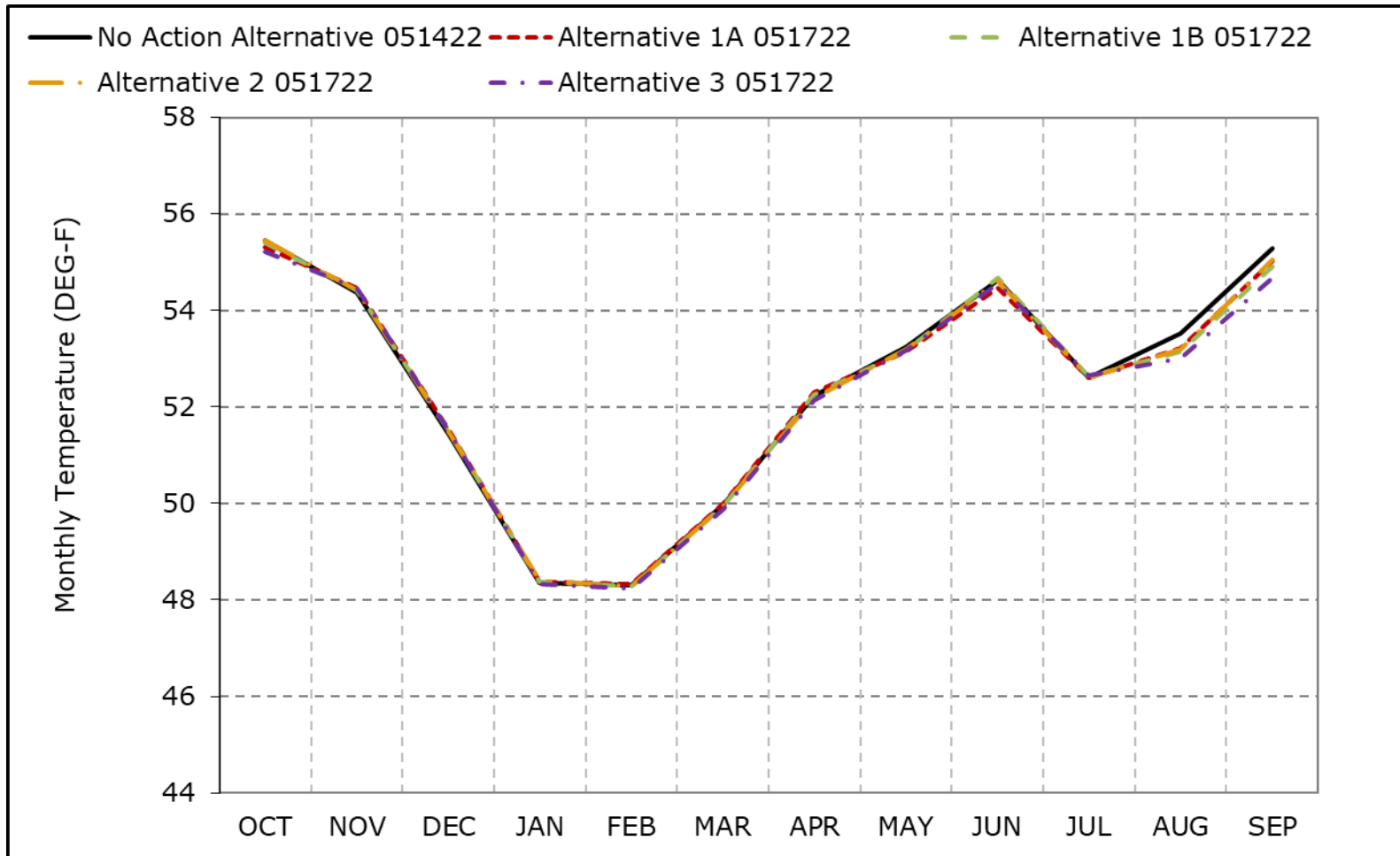


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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

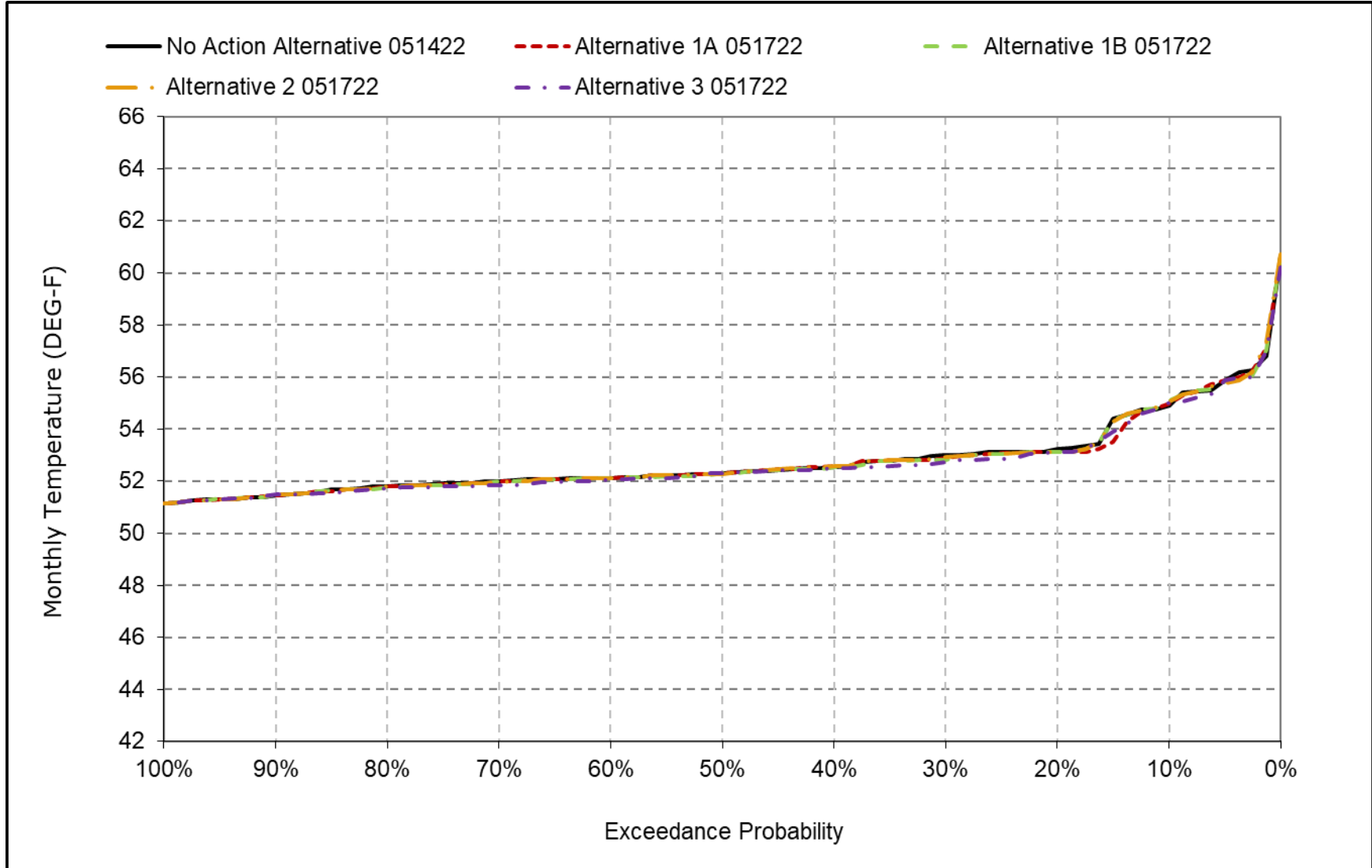


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

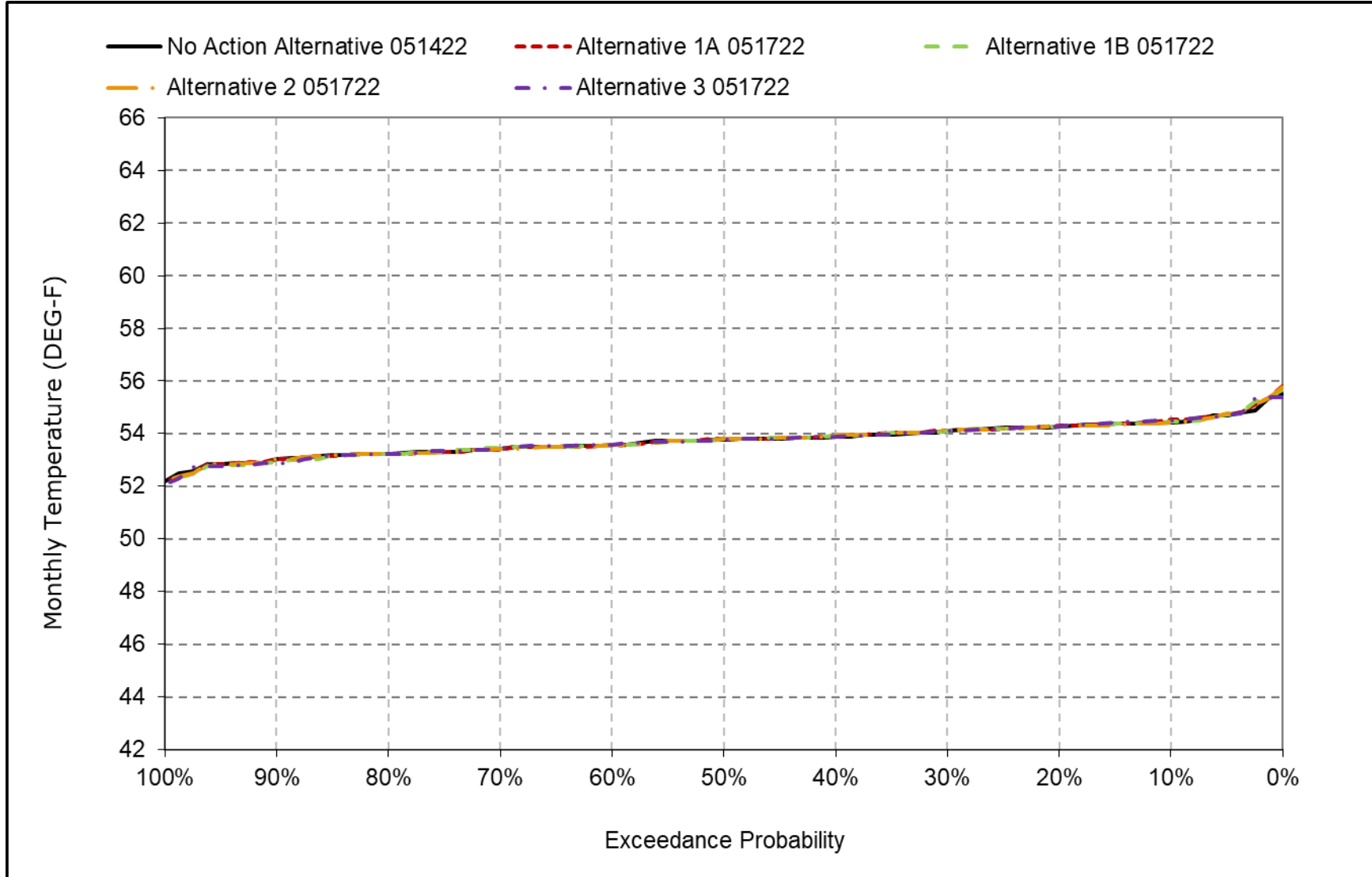
*All scenarios are simulated at current climate and 0 cm sea level rise.

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



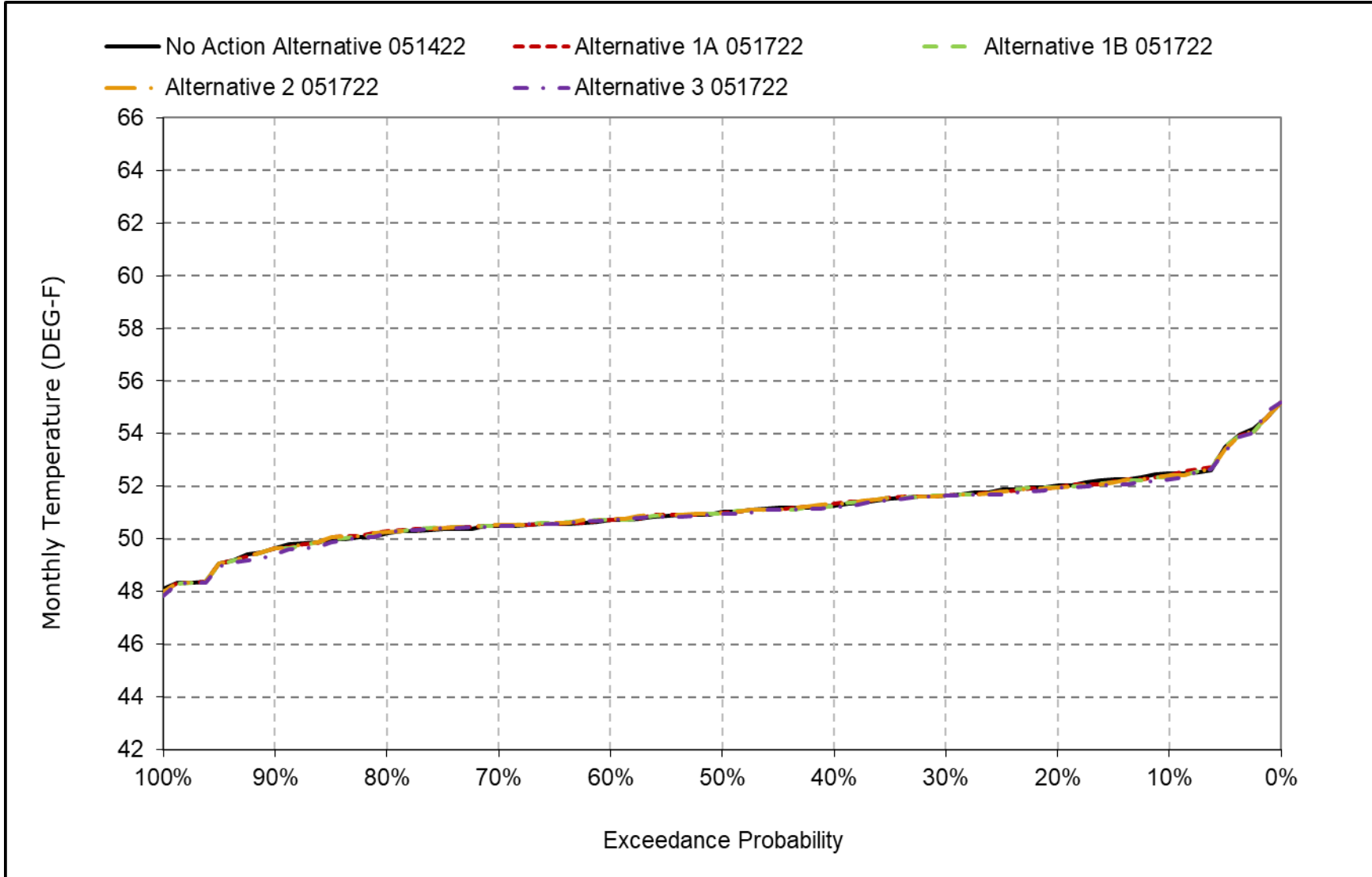
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



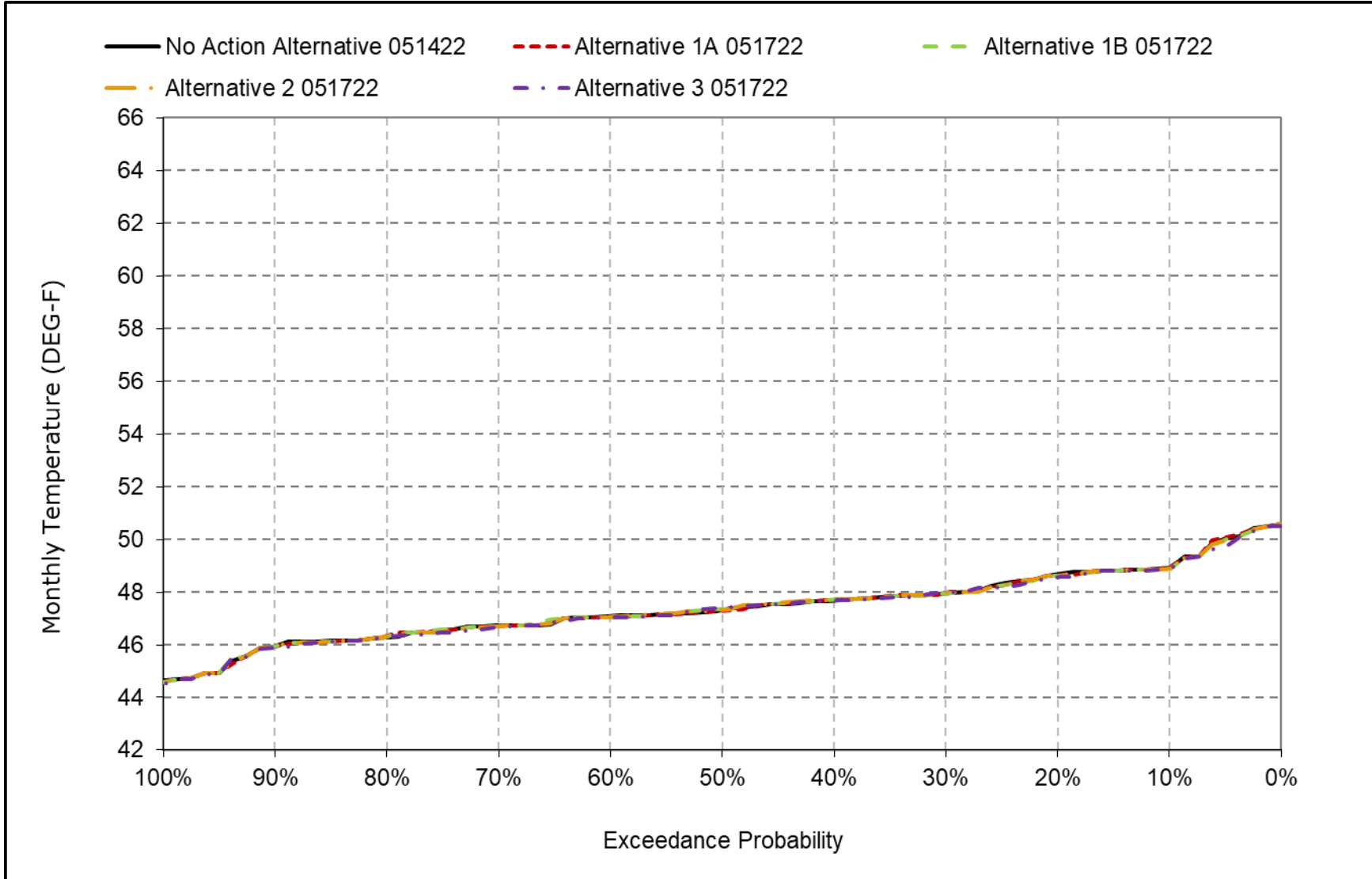
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



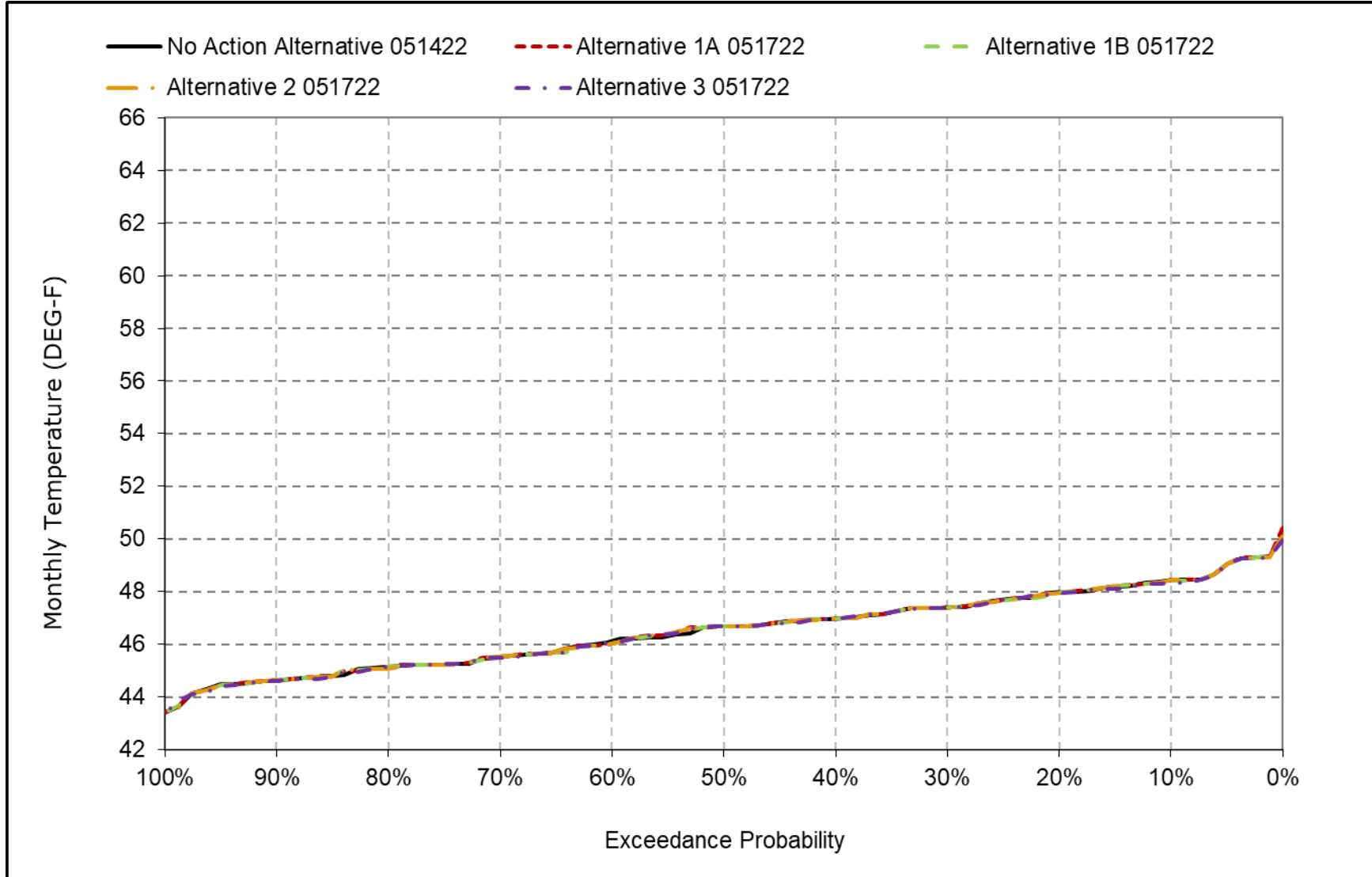
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



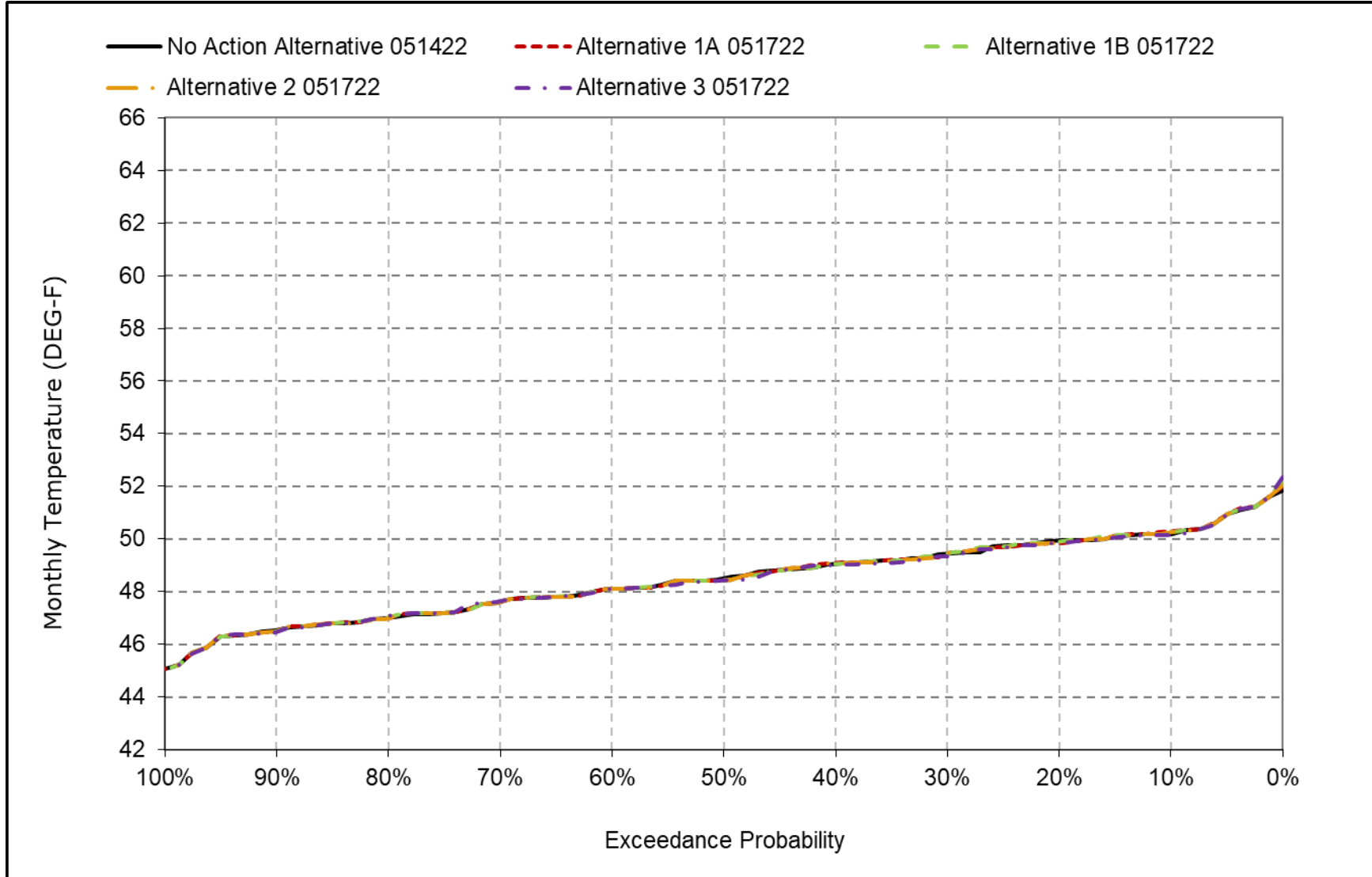
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



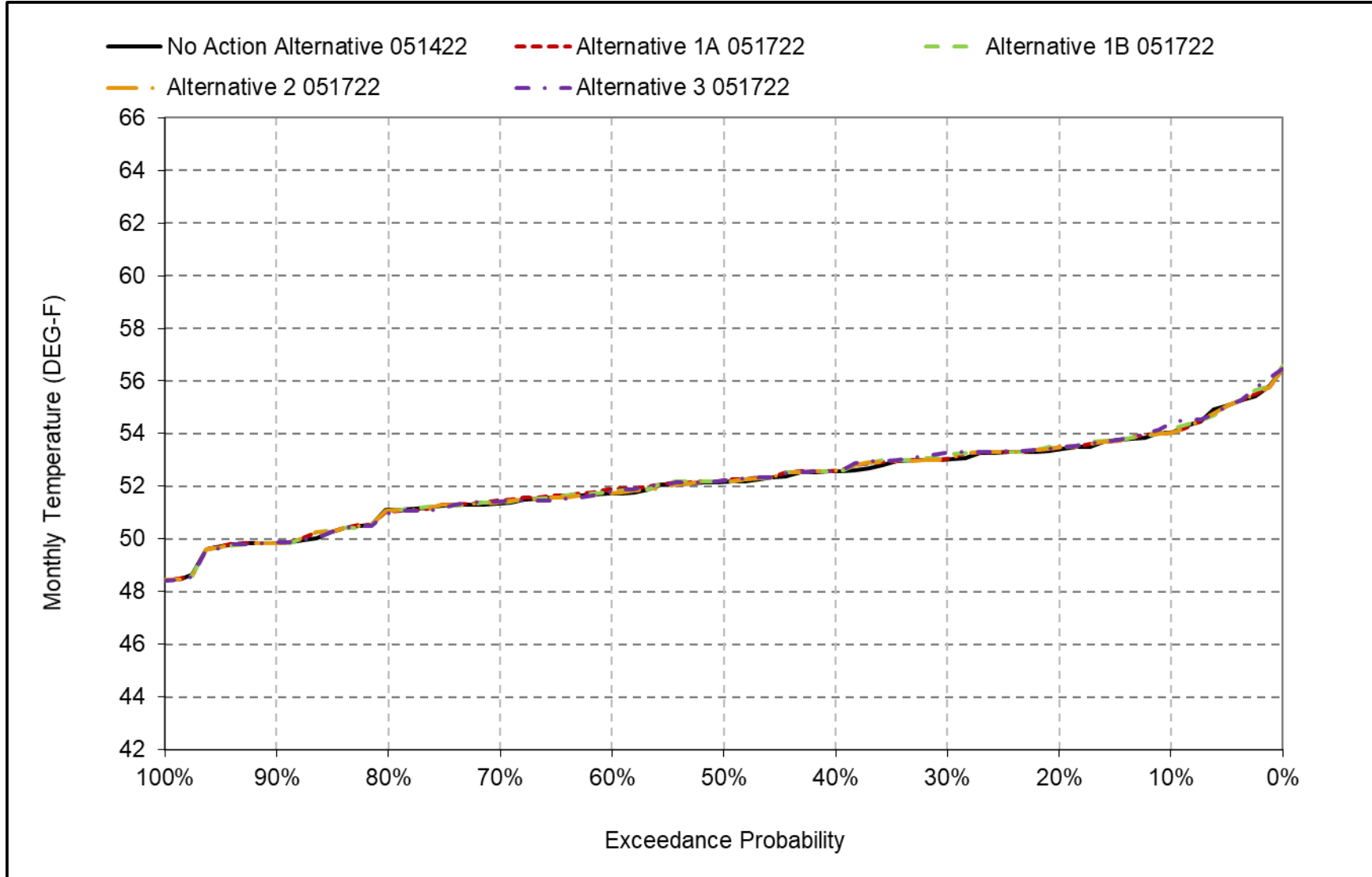
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



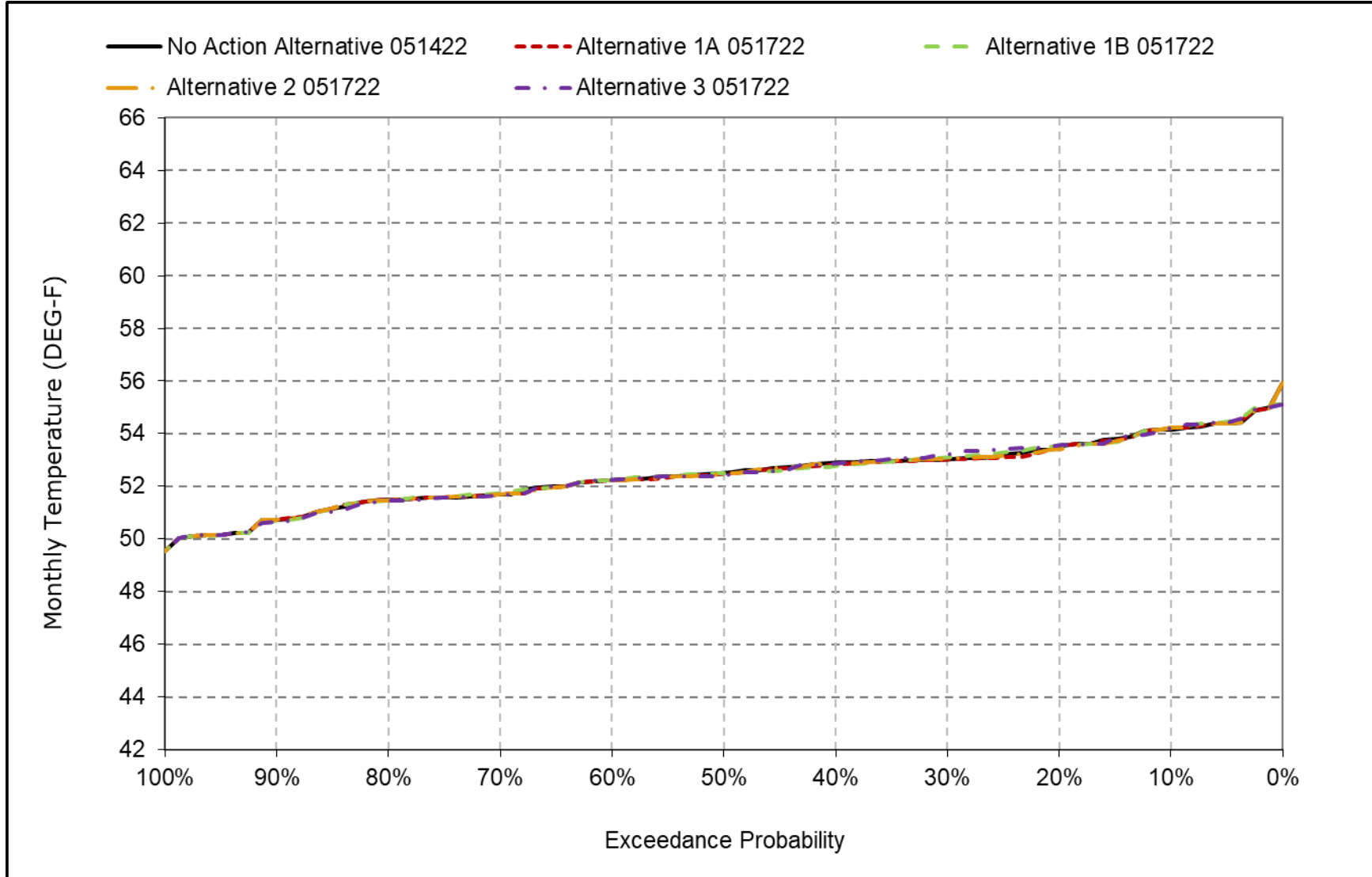
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



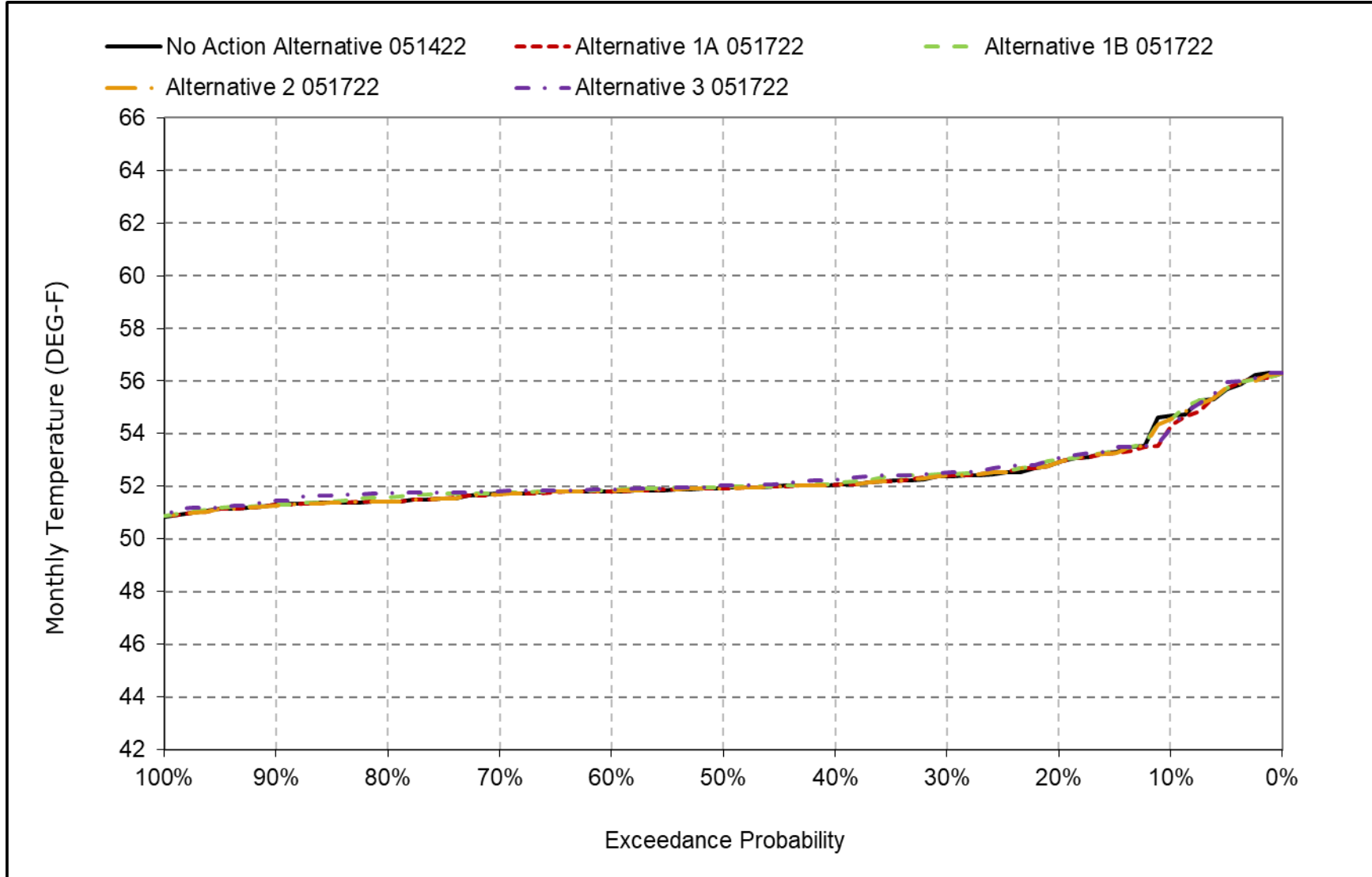
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



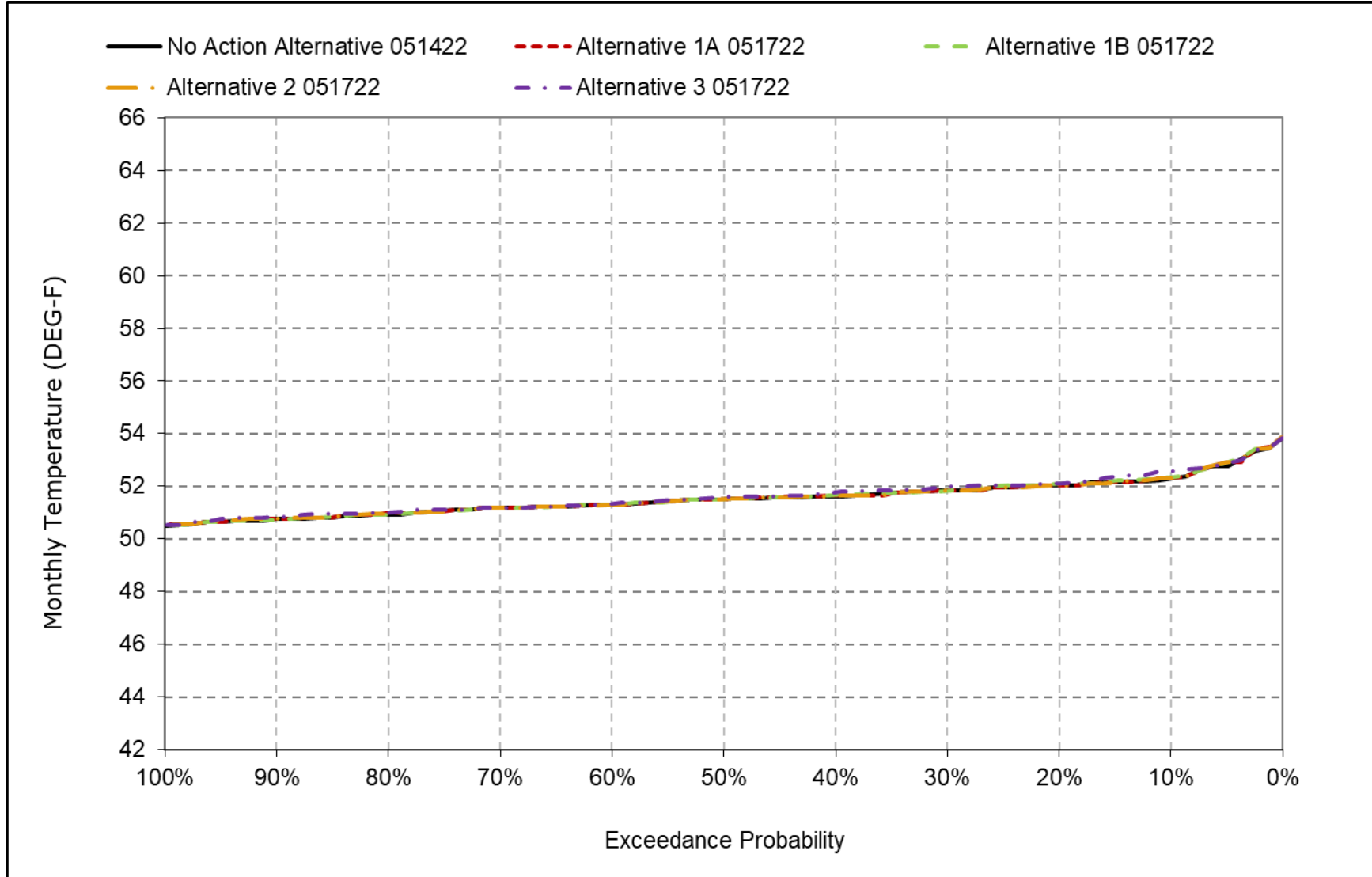
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



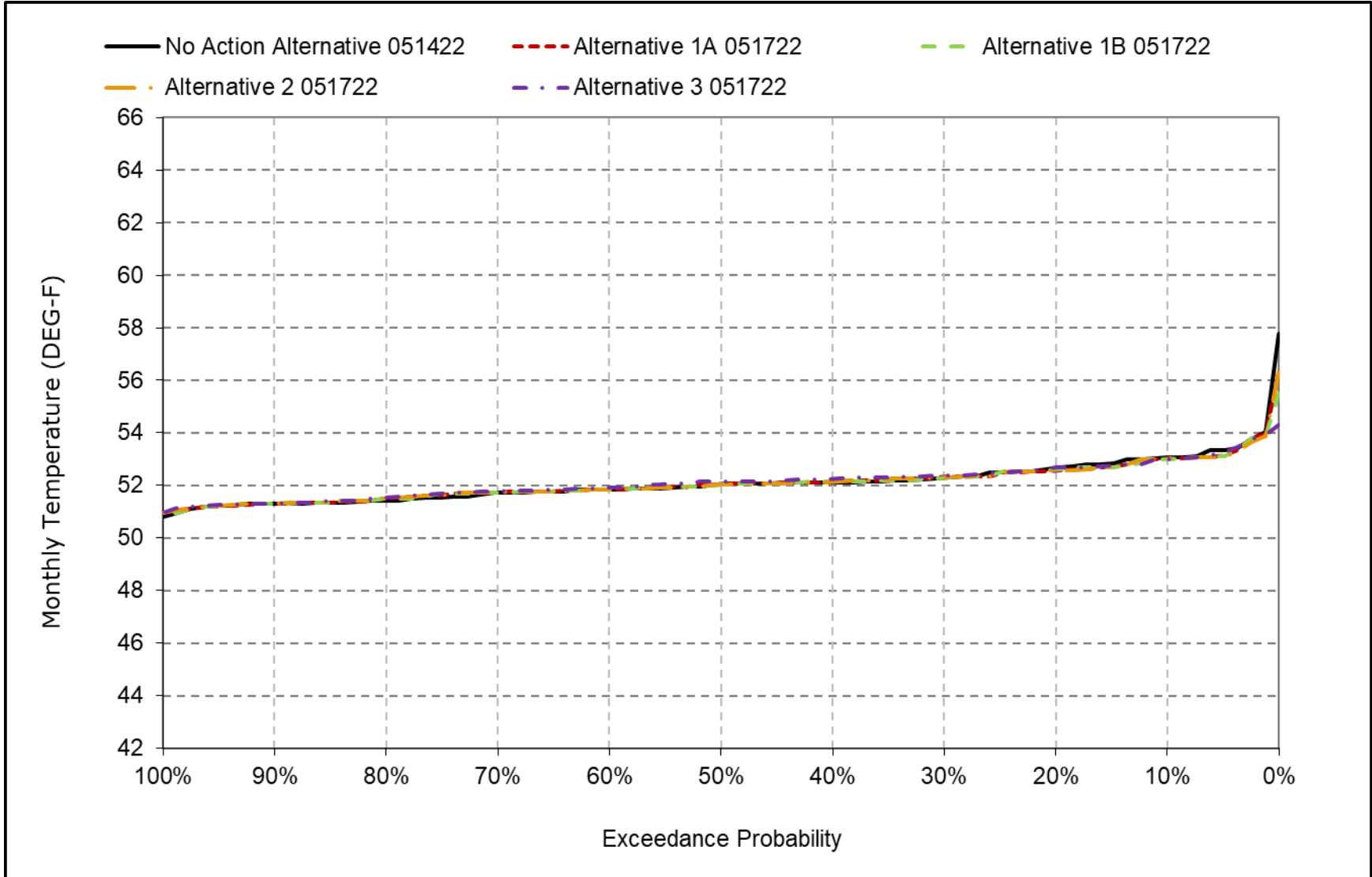
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



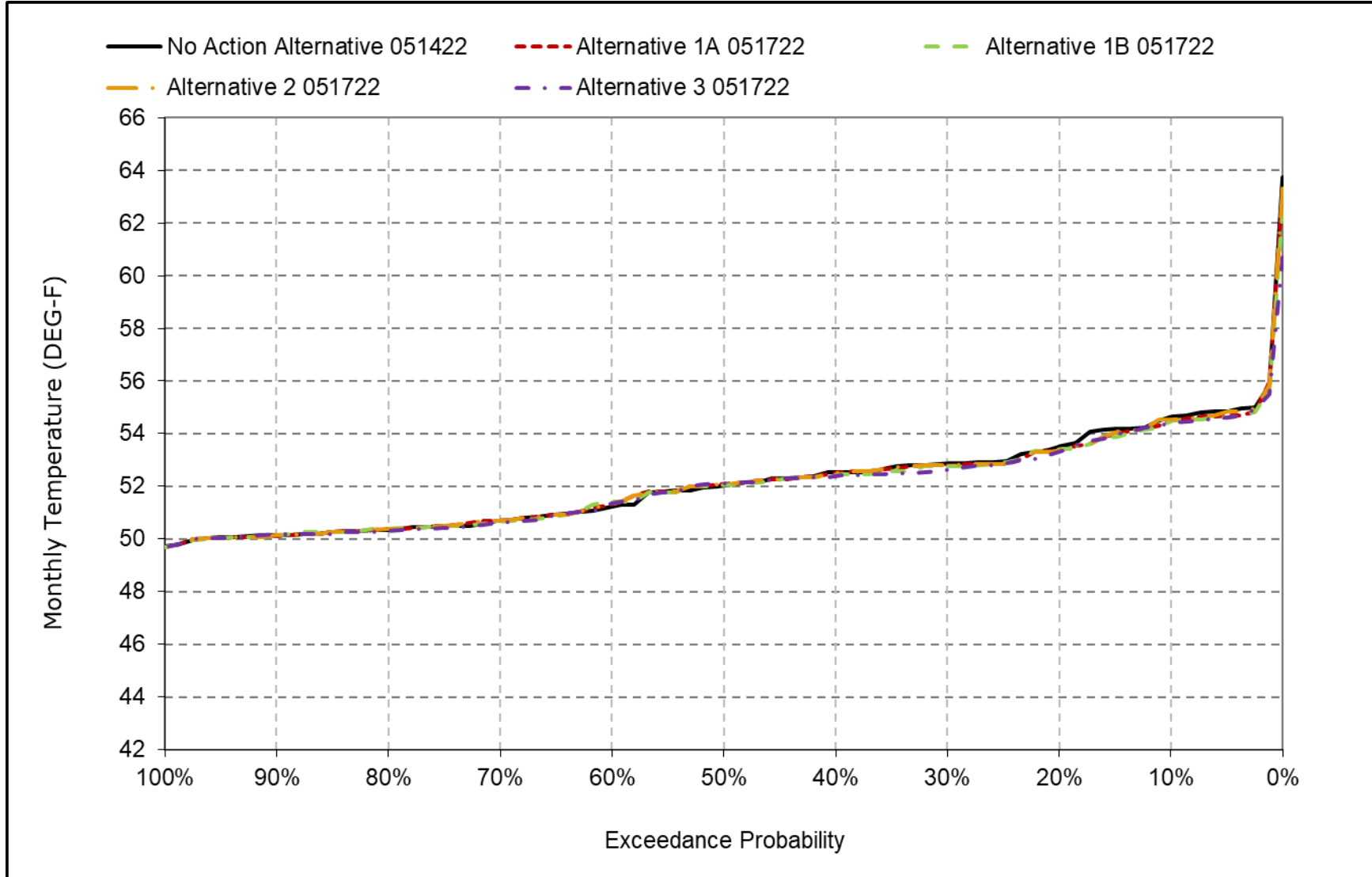
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	55.3	54.4	51.9	48.6	48.5	50.8	55.4	55.7	55.9	53.8	54.5	55.9
20% Exceedance	53.9	54.1	51.3	48.1	48.0	50.4	54.6	55.0	54.6	53.5	54.1	54.9
30% Exceedance	53.6	53.9	50.7	47.5	47.6	50.1	54.2	54.6	54.3	53.2	53.6	54.3
40% Exceedance	53.3	53.7	50.3	47.1	47.1	49.7	53.8	54.3	54.0	53.0	53.4	53.8
50% Exceedance	53.0	53.5	50.0	46.8	46.8	49.1	53.5	54.0	53.6	52.8	53.2	53.2
60% Exceedance	52.8	53.2	49.8	46.6	46.4	48.7	53.0	53.7	53.3	52.6	53.0	52.3
70% Exceedance	52.6	52.9	49.5	46.3	45.7	48.3	52.6	53.2	53.1	52.4	52.9	51.7
80% Exceedance	52.3	52.7	49.1	46.0	45.4	47.6	52.1	52.9	52.8	52.0	52.6	51.3
90% Exceedance	51.9	52.5	48.5	45.6	45.0	47.1	50.9	52.3	52.5	51.9	52.4	51.0
Full Simulation Period Average^a	53.4	53.4	50.2	46.9	46.7	49.1	53.3	54.0	53.9	52.9	53.4	53.3
Wet Water Years (32%)	52.6	53.6	50.7	46.4	45.7	47.8	52.2	53.5	54.1	52.8	52.9	51.7
Above Normal Years (15%)	52.9	53.1	49.9	46.8	46.2	48.4	53.3	53.8	53.5	52.2	52.9	51.9
Below Normal Years (17%)	53.1	53.0	49.8	46.7	46.5	49.5	53.8	54.1	53.2	52.4	53.2	53.5
Dry Years (22%)	53.5	53.1	50.0	47.4	47.6	50.1	54.5	54.4	53.2	52.8	53.5	54.4
Critical (15%)	55.9	54.0	50.1	47.9	48.5	50.7	53.5	54.5	55.9	54.0	54.9	56.6

Table 6C-7-1b. Sacramento River at Balls Ferry, Alternative 1A 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	55.4	54.4	51.9	48.6	48.5	50.9	55.4	55.8	55.7	53.7	54.4	55.6
20% Exceedance	53.8	54.1	51.3	48.1	48.0	50.4	54.6	55.0	54.6	53.5	53.9	54.8
30% Exceedance	53.6	53.9	50.7	47.4	47.7	50.1	54.4	54.6	54.4	53.2	53.6	54.2
40% Exceedance	53.3	53.7	50.3	47.0	47.1	49.8	53.8	54.2	54.0	53.0	53.4	53.8
50% Exceedance	52.9	53.5	50.0	46.8	46.8	49.1	53.7	53.9	53.6	52.8	53.2	53.3
60% Exceedance	52.7	53.2	49.9	46.5	46.3	48.7	53.0	53.6	53.3	52.6	53.0	52.5
70% Exceedance	52.6	52.9	49.6	46.3	45.7	48.3	52.6	53.2	53.0	52.4	52.9	51.7
80% Exceedance	52.3	52.7	49.1	46.0	45.4	47.6	52.1	52.9	52.8	52.0	52.7	51.3
90% Exceedance	51.9	52.4	48.7	45.6	44.9	47.1	50.9	52.3	52.4	51.9	52.4	51.1
Full Simulation Period Average^a	53.4	53.4	50.2	46.9	46.7	49.1	53.4	54.0	53.9	52.9	53.3	53.3
Wet Water Years (32%)	52.6	53.6	50.7	46.4	45.7	47.8	52.2	53.5	54.1	52.8	52.9	51.7
Above Normal Years (15%)	52.7	53.1	49.9	46.8	46.2	48.4	53.3	53.8	53.5	52.3	53.0	52.0
Below Normal Years (17%)	53.1	53.1	49.8	46.7	46.5	49.5	53.8	54.1	53.2	52.5	53.3	53.6
Dry Years (22%)	53.5	53.2	50.0	47.3	47.6	50.1	54.6	54.3	53.2	52.8	53.5	54.3
Critical (15%)	55.8	54.1	50.2	47.9	48.5	50.7	53.6	54.4	55.7	54.0	54.5	56.3

Table 6C-7-1c. Sacramento River at Balls Ferry, Alternative 1A 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	0.0	-0.3
20% Exceedance	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	-0.2	-0.1
30% Exceedance	-0.1	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	-0.1
40% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
50% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.0	0.2	-0.1	0.0	0.0	0.1	0.1
60% Exceedance	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.1
70% Exceedance	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% Exceedance	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
90% Exceedance	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (15%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Below Normal Years (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Dry Years (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Critical (15%)	-0.2	0.1	0.0	0.0	0.0	0.0	0.1	-0.1	-0.1	0.0	-0.4	-0.3

^a Based on the 82-year simulation period.

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

* 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.

Table 6C-7-2a. Sacramento River at Balls Ferry, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	55.3	54.4	51.9	48.6	48.5	50.8	55.4	55.7	55.9	53.8	54.5	55.9
20% Exceedance	53.9	54.1	51.3	48.1	48.0	50.4	54.6	55.0	54.6	53.5	54.1	54.9
30% Exceedance	53.6	53.9	50.7	47.5	47.6	50.1	54.2	54.6	54.3	53.2	53.6	54.3
40% Exceedance	53.3	53.7	50.3	47.1	47.1	49.7	53.8	54.3	54.0	53.0	53.4	53.8
50% Exceedance	53.0	53.5	50.0	46.8	46.8	49.1	53.5	54.0	53.6	52.8	53.2	53.2
60% Exceedance	52.8	53.2	49.8	46.6	46.4	48.7	53.0	53.7	53.3	52.6	53.0	52.3
70% Exceedance	52.6	52.9	49.5	46.3	45.7	48.3	52.6	53.2	53.1	52.4	52.9	51.7
80% Exceedance	52.3	52.7	49.1	46.0	45.4	47.6	52.1	52.9	52.8	52.0	52.6	51.3
90% Exceedance	51.9	52.5	48.5	45.6	45.0	47.1	50.9	52.3	52.5	51.9	52.4	51.0
Full Simulation Period Average^a	53.4	53.4	50.2	46.9	46.7	49.1	53.3	54.0	53.9	52.9	53.4	53.3
Wet Water Years (32%)	52.6	53.6	50.7	46.4	45.7	47.8	52.2	53.5	54.1	52.8	52.9	51.7
Above Normal Years (15%)	52.9	53.1	49.9	46.8	46.2	48.4	53.3	53.8	53.5	52.2	52.9	51.9
Below Normal Years (17%)	53.1	53.0	49.8	46.7	46.5	49.5	53.8	54.1	53.2	52.4	53.2	53.5
Dry Years (22%)	53.5	53.1	50.0	47.4	47.6	50.1	54.5	54.4	53.2	52.8	53.5	54.4
Critical (15%)	55.9	54.0	50.1	47.9	48.5	50.7	53.5	54.5	55.9	54.0	54.9	56.6

Table 6C-7-2b. Sacramento River at Balls Ferry, Alternative 1B 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	55.6	54.4	51.8	48.6	48.5	50.9	55.5	55.8	55.8	53.8	54.4	55.6
20% Exceedance	53.9	54.1	51.3	48.1	47.9	50.4	54.9	55.1	54.7	53.5	53.9	54.8
30% Exceedance	53.6	53.9	50.7	47.4	47.7	50.1	54.4	54.7	54.4	53.2	53.6	54.0
40% Exceedance	53.2	53.6	50.3	47.1	47.1	49.7	53.8	54.2	54.0	53.1	53.4	53.7
50% Exceedance	52.9	53.5	50.0	46.8	46.8	49.1	53.5	53.9	53.7	52.8	53.2	53.3
60% Exceedance	52.7	53.2	49.8	46.5	46.3	48.7	53.0	53.7	53.4	52.6	53.1	52.6
70% Exceedance	52.6	52.9	49.6	46.3	45.7	48.3	52.6	53.4	53.2	52.4	52.9	51.7
80% Exceedance	52.3	52.7	49.1	46.0	45.4	47.6	52.2	52.9	53.0	52.0	52.6	51.3
90% Exceedance	51.9	52.4	48.8	45.6	44.9	47.1	50.9	52.2	52.6	51.9	52.4	51.1
Full Simulation Period Average^a	53.4	53.4	50.2	46.9	46.7	49.1	53.4	54.0	54.0	52.9	53.3	53.3
Wet Water Years (32%)	52.6	53.5	50.7	46.4	45.7	47.8	52.2	53.4	54.1	52.8	52.9	51.7
Above Normal Years (15%)	52.7	53.1	50.0	46.8	46.2	48.4	53.3	53.8	53.9	52.3	53.0	51.9
Below Normal Years (17%)	53.0	53.0	49.8	46.7	46.5	49.5	53.8	54.2	53.3	52.5	53.2	53.5
Dry Years (22%)	53.5	53.2	50.0	47.3	47.6	50.1	54.7	54.5	53.2	52.8	53.5	54.3
Critical (15%)	55.9	54.1	50.2	47.9	48.4	50.6	53.6	54.4	55.9	54.1	54.5	56.2

Table 6C-7-2c. Sacramento River at Balls Ferry, Alternative 1B 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0.2	0.0	-0.1	0.0	0.0	0.0	0.1	0.1	-0.1	0.0	-0.1	-0.3
20% Exceedance	0.0	-0.1	0.0	0.0	0.0	0.0	0.3	0.1	0.1	0.0	-0.1	-0.1
30% Exceedance	0.0	0.0	-0.1	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	-0.3
40% Exceedance	-0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
50% Exceedance	-0.1	0.1	0.0	0.0	0.0	0.0	0.1	-0.1	0.1	0.1	0.0	0.0
60% Exceedance	-0.1	0.0	0.0	-0.1	-0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.2
70% Exceedance	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	0.2	0.1	0.0	0.0	0.0
80% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.1
90% Exceedance	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1
Wet Water Years (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
Above Normal Years (15%)	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.1	0.0
Below Normal Years (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0
Dry Years (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	-0.1
Critical (15%)	-0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	-0.4	-0.4

^a Based on the 82-year simulation period.

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

* 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.

Table 6C-7-3a. Sacramento River at Balls Ferry, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	55.3	54.4	51.9	48.6	48.5	50.8	55.4	55.7	55.9	53.8	54.5	55.9
20% Exceedance	53.9	54.1	51.3	48.1	48.0	50.4	54.6	55.0	54.6	53.5	54.1	54.9
30% Exceedance	53.6	53.9	50.7	47.5	47.6	50.1	54.2	54.6	54.3	53.2	53.6	54.3
40% Exceedance	53.3	53.7	50.3	47.1	47.1	49.7	53.8	54.3	54.0	53.0	53.4	53.8
50% Exceedance	53.0	53.5	50.0	46.8	46.8	49.1	53.5	54.0	53.6	52.8	53.2	53.2
60% Exceedance	52.8	53.2	49.8	46.6	46.4	48.7	53.0	53.7	53.3	52.6	53.0	52.3
70% Exceedance	52.6	52.9	49.5	46.3	45.7	48.3	52.6	53.2	53.1	52.4	52.9	51.7
80% Exceedance	52.3	52.7	49.1	46.0	45.4	47.6	52.1	52.9	52.8	52.0	52.6	51.3
90% Exceedance	51.9	52.5	48.5	45.6	45.0	47.1	50.9	52.3	52.5	51.9	52.4	51.0
Full Simulation Period Average^a	53.4	53.4	50.2	46.9	46.7	49.1	53.3	54.0	53.9	52.9	53.4	53.3
Wet Water Years (32%)	52.6	53.6	50.7	46.4	45.7	47.8	52.2	53.5	54.1	52.8	52.9	51.7
Above Normal Years (15%)	52.9	53.1	49.9	46.8	46.2	48.4	53.3	53.8	53.5	52.2	52.9	51.9
Below Normal Years (17%)	53.1	53.0	49.8	46.7	46.5	49.5	53.8	54.1	53.2	52.4	53.2	53.5
Dry Years (22%)	53.5	53.1	50.0	47.4	47.6	50.1	54.5	54.4	53.2	52.8	53.5	54.4
Critical (15%)	55.9	54.0	50.1	47.9	48.5	50.7	53.5	54.5	55.9	54.0	54.9	56.6

Table 6C-7-3b. Sacramento River at Balls Ferry, Alternative 2 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	55.5	54.4	51.9	48.6	48.5	50.9	55.4	55.8	55.8	53.7	54.4	55.7
20% Exceedance	53.8	54.1	51.3	48.1	48.0	50.4	54.6	55.0	54.6	53.5	53.9	54.8
30% Exceedance	53.6	53.9	50.7	47.4	47.7	50.1	54.3	54.6	54.3	53.2	53.6	54.2
40% Exceedance	53.3	53.6	50.3	47.1	47.1	49.7	53.8	54.2	54.0	53.0	53.4	53.8
50% Exceedance	52.9	53.5	50.0	46.8	46.8	49.1	53.5	53.9	53.6	52.8	53.2	53.3
60% Exceedance	52.7	53.1	49.9	46.5	46.3	48.7	53.0	53.6	53.3	52.6	53.0	52.4
70% Exceedance	52.6	52.9	49.6	46.2	45.7	48.3	52.6	53.2	53.0	52.4	52.9	51.7
80% Exceedance	52.3	52.7	49.1	46.0	45.4	47.6	52.2	52.9	52.8	52.0	52.7	51.3
90% Exceedance	51.9	52.4	48.7	45.6	44.9	47.1	50.9	52.3	52.4	51.8	52.4	51.0
Full Simulation Period Average^a	53.4	53.4	50.2	46.9	46.7	49.1	53.3	54.0	53.9	52.9	53.3	53.3
Wet Water Years (32%)	52.6	53.6	50.7	46.4	45.7	47.8	52.2	53.5	54.1	52.8	52.9	51.7
Above Normal Years (15%)	52.7	53.1	49.9	46.8	46.2	48.4	53.3	53.8	53.5	52.3	53.0	52.0
Below Normal Years (17%)	53.1	53.1	49.8	46.7	46.5	49.5	53.8	54.1	53.2	52.5	53.2	53.6
Dry Years (22%)	53.5	53.2	50.0	47.3	47.6	50.1	54.6	54.3	53.2	52.8	53.5	54.3
Critical (15%)	55.9	54.1	50.1	48.0	48.4	50.6	53.5	54.5	55.9	54.1	54.5	56.3

Table 6C-7-3c. Sacramento River at Balls Ferry, Alternative 2 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	0.0	-0.2
20% Exceedance	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	-0.1
30% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	-0.1
40% Exceedance	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
50% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.1
60% Exceedance	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.1
70% Exceedance	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0
80% Exceedance	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% Exceedance	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (15%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Below Normal Years (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Dry Years (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	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	-0.4	-0.3

^a Based on the 82-year simulation period.

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

* 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.

Table 6C-7-4a. Sacramento River at Balls Ferry, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	55.3	54.4	51.9	48.6	48.5	50.8	55.4	55.7	55.9	53.8	54.5	55.9
20% Exceedance	53.9	54.1	51.3	48.1	48.0	50.4	54.6	55.0	54.6	53.5	54.1	54.9
30% Exceedance	53.6	53.9	50.7	47.5	47.6	50.1	54.2	54.6	54.3	53.2	53.6	54.3
40% Exceedance	53.3	53.7	50.3	47.1	47.1	49.7	53.8	54.3	54.0	53.0	53.4	53.8
50% Exceedance	53.0	53.5	50.0	46.8	46.8	49.1	53.5	54.0	53.6	52.8	53.2	53.2
60% Exceedance	52.8	53.2	49.8	46.6	46.4	48.7	53.0	53.7	53.3	52.6	53.0	52.3
70% Exceedance	52.6	52.9	49.5	46.3	45.7	48.3	52.6	53.2	53.1	52.4	52.9	51.7
80% Exceedance	52.3	52.7	49.1	46.0	45.4	47.6	52.1	52.9	52.8	52.0	52.6	51.3
90% Exceedance	51.9	52.5	48.5	45.6	45.0	47.1	50.9	52.3	52.5	51.9	52.4	51.0
Full Simulation Period Average^a	53.4	53.4	50.2	46.9	46.7	49.1	53.3	54.0	53.9	52.9	53.4	53.3
Wet Water Years (32%)	52.6	53.6	50.7	46.4	45.7	47.8	52.2	53.5	54.1	52.8	52.9	51.7
Above Normal Years (15%)	52.9	53.1	49.9	46.8	46.2	48.4	53.3	53.8	53.5	52.2	52.9	51.9
Below Normal Years (17%)	53.1	53.0	49.8	46.7	46.5	49.5	53.8	54.1	53.2	52.4	53.2	53.5
Dry Years (22%)	53.5	53.1	50.0	47.4	47.6	50.1	54.5	54.4	53.2	52.8	53.5	54.4
Critical (15%)	55.9	54.0	50.1	47.9	48.5	50.7	53.5	54.5	55.9	54.0	54.9	56.6

Table 6C-7-4b. Sacramento River at Balls Ferry, Alternative 3 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	55.4	54.4	51.7	48.6	48.5	50.8	55.6	55.8	55.7	54.0	54.4	55.7
20% Exceedance	53.8	54.1	51.2	48.1	48.0	50.3	54.6	55.1	54.8	53.6	54.0	54.7
30% Exceedance	53.4	53.8	50.6	47.4	47.6	50.0	54.4	54.7	54.4	53.3	53.7	53.9
40% Exceedance	53.2	53.6	50.3	47.1	47.1	49.7	53.9	54.3	54.2	53.1	53.5	53.7
50% Exceedance	52.9	53.5	50.1	46.8	46.8	49.1	53.5	54.0	53.8	52.9	53.4	53.3
60% Exceedance	52.6	53.3	49.8	46.5	46.4	48.7	53.1	53.7	53.5	52.6	53.1	52.4
70% Exceedance	52.4	52.9	49.6	46.2	45.7	48.3	52.5	53.2	53.3	52.3	53.0	51.7
80% Exceedance	52.3	52.7	49.1	46.0	45.4	47.6	52.0	52.9	53.1	52.2	52.6	51.2
90% Exceedance	51.9	52.4	48.6	45.6	44.9	47.1	50.9	52.1	52.9	51.9	52.4	51.1
Full Simulation Period Average^a	53.3	53.4	50.2	46.9	46.7	49.1	53.4	54.0	54.1	53.0	53.4	53.2
Wet Water Years (32%)	52.6	53.5	50.7	46.4	45.7	47.8	52.2	53.4	54.1	52.8	52.9	51.7
Above Normal Years (15%)	52.5	53.1	49.8	46.8	46.2	48.5	53.4	53.7	54.0	52.6	53.3	51.7
Below Normal Years (17%)	52.9	53.1	49.7	46.7	46.5	49.5	53.8	54.2	53.6	52.6	53.4	53.6
Dry Years (22%)	53.4	53.2	49.9	47.3	47.6	50.0	54.7	54.5	53.4	52.9	53.6	54.3
Critical (15%)	55.7	54.1	50.2	47.9	48.4	50.5	53.4	54.5	55.9	54.1	54.3	56.0

Table 6C-7-4c. Sacramento River at Balls Ferry, Alternative 3 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0.1	0.1	-0.2	0.0	0.0	0.0	0.2	0.1	-0.2	0.2	-0.1	-0.2
20% Exceedance	-0.1	0.0	-0.1	0.0	0.0	-0.1	0.0	0.1	0.3	0.1	-0.1	-0.2
30% Exceedance	-0.2	-0.1	-0.1	0.0	0.0	-0.1	0.2	0.1	0.1	0.1	0.1	-0.4
40% Exceedance	-0.1	-0.1	0.0	0.0	0.0	-0.1	0.1	0.0	0.2	0.1	0.1	-0.1
50% Exceedance	-0.1	0.0	0.1	-0.1	0.0	0.0	0.1	0.0	0.2	0.2	0.2	0.0
60% Exceedance	-0.1	0.1	0.0	-0.1	0.0	0.0	0.1	0.0	0.2	0.0	0.1	0.1
70% Exceedance	-0.2	0.0	0.1	-0.1	0.0	0.0	-0.1	0.1	0.2	-0.1	0.1	-0.1
80% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.2	0.2	0.1	0.0
90% Exceedance	0.0	-0.1	0.1	0.0	0.0	0.0	0.0	-0.2	0.4	0.1	0.0	0.1
Full Simulation Period Average^a	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.1	0.0	-0.1
Wet Water Years (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
Above Normal Years (15%)	-0.3	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	0.4	0.4	0.4	-0.2
Below Normal Years (17%)	-0.2	0.1	-0.1	0.0	0.0	0.0	0.1	0.2	0.4	0.1	0.2	0.0
Dry Years (22%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.1	0.1	-0.1
Critical (15%)	-0.3	0.1	0.0	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.1	-0.6	-0.6

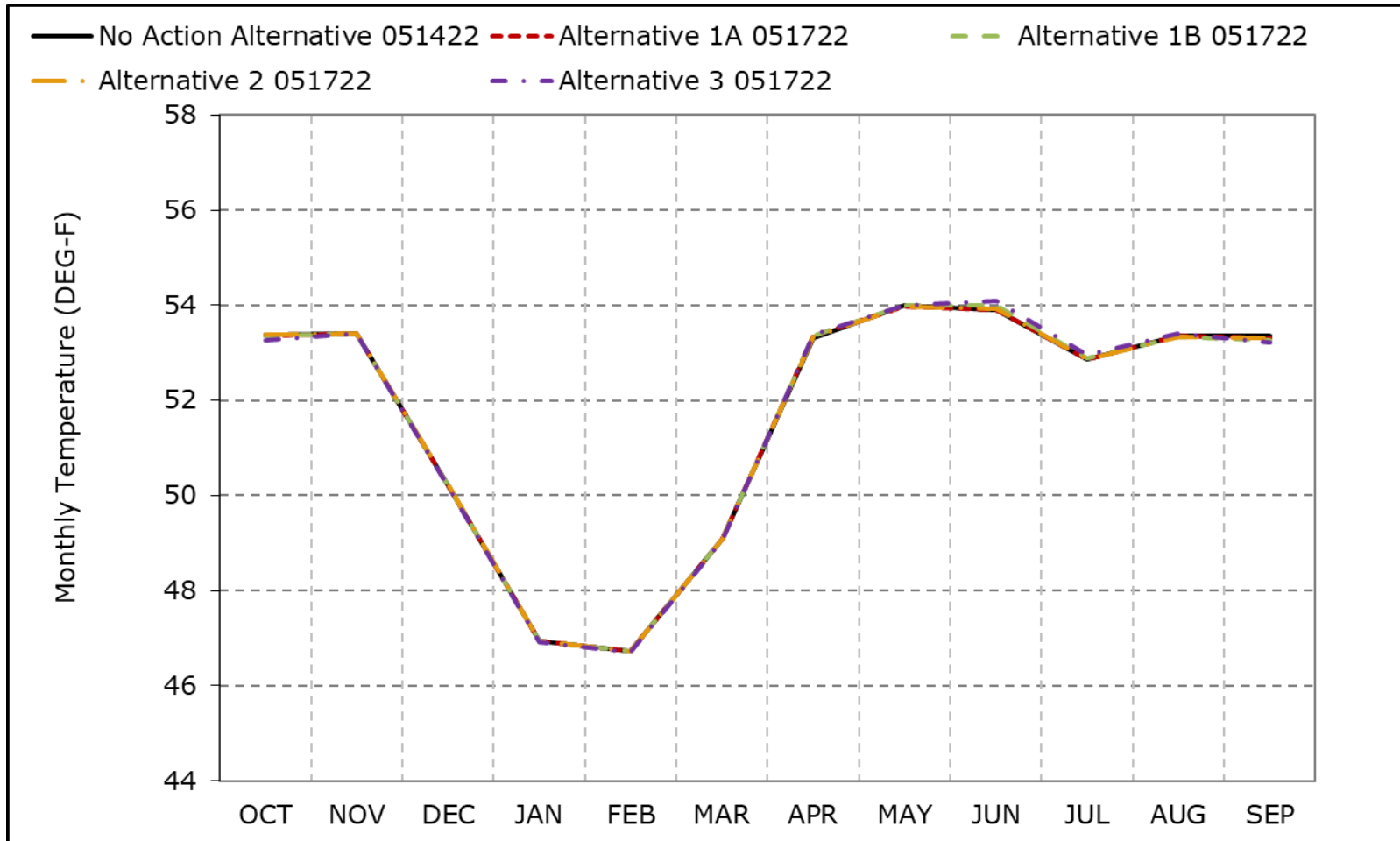
^a Based on the 82-year simulation period.

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

* 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.

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

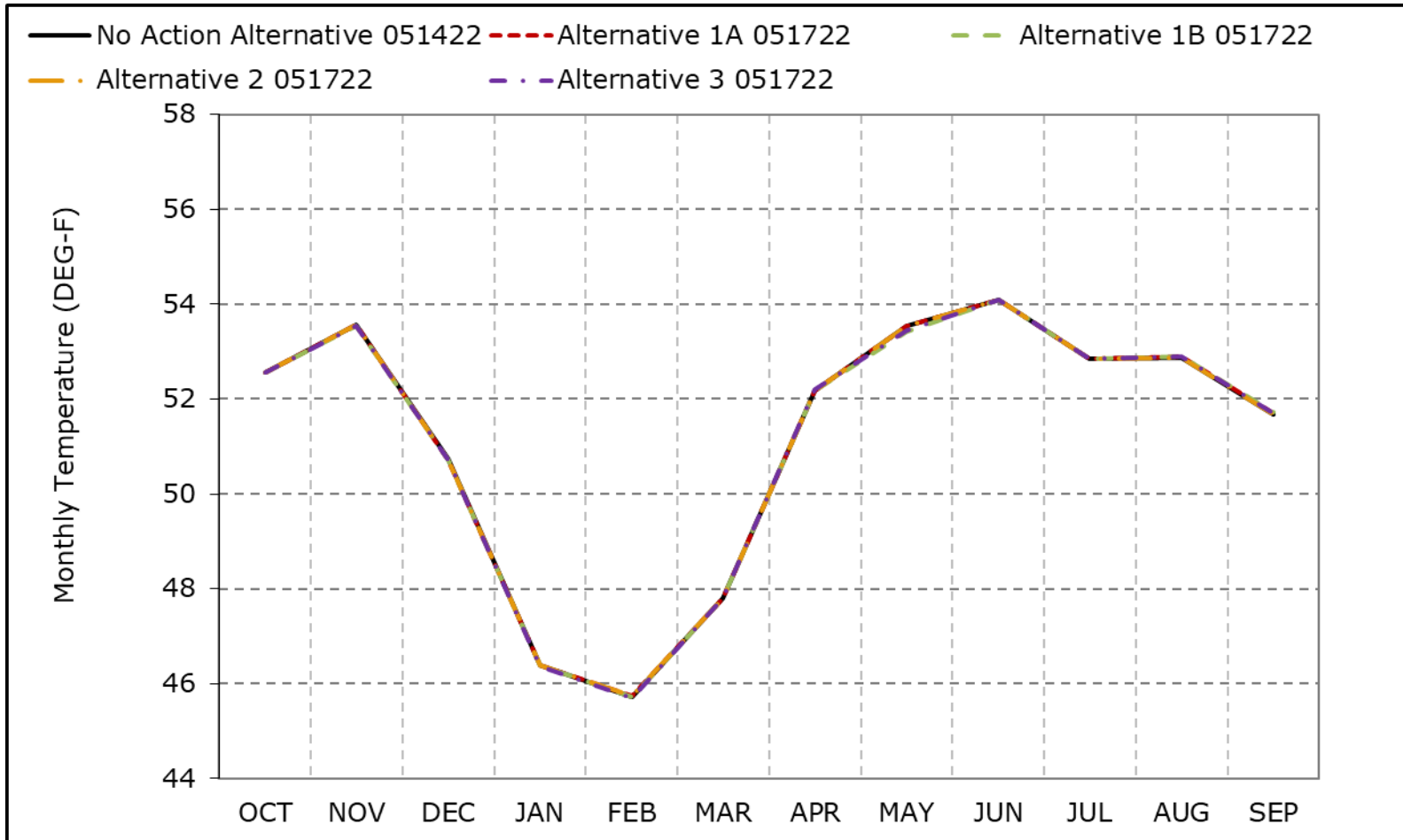


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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

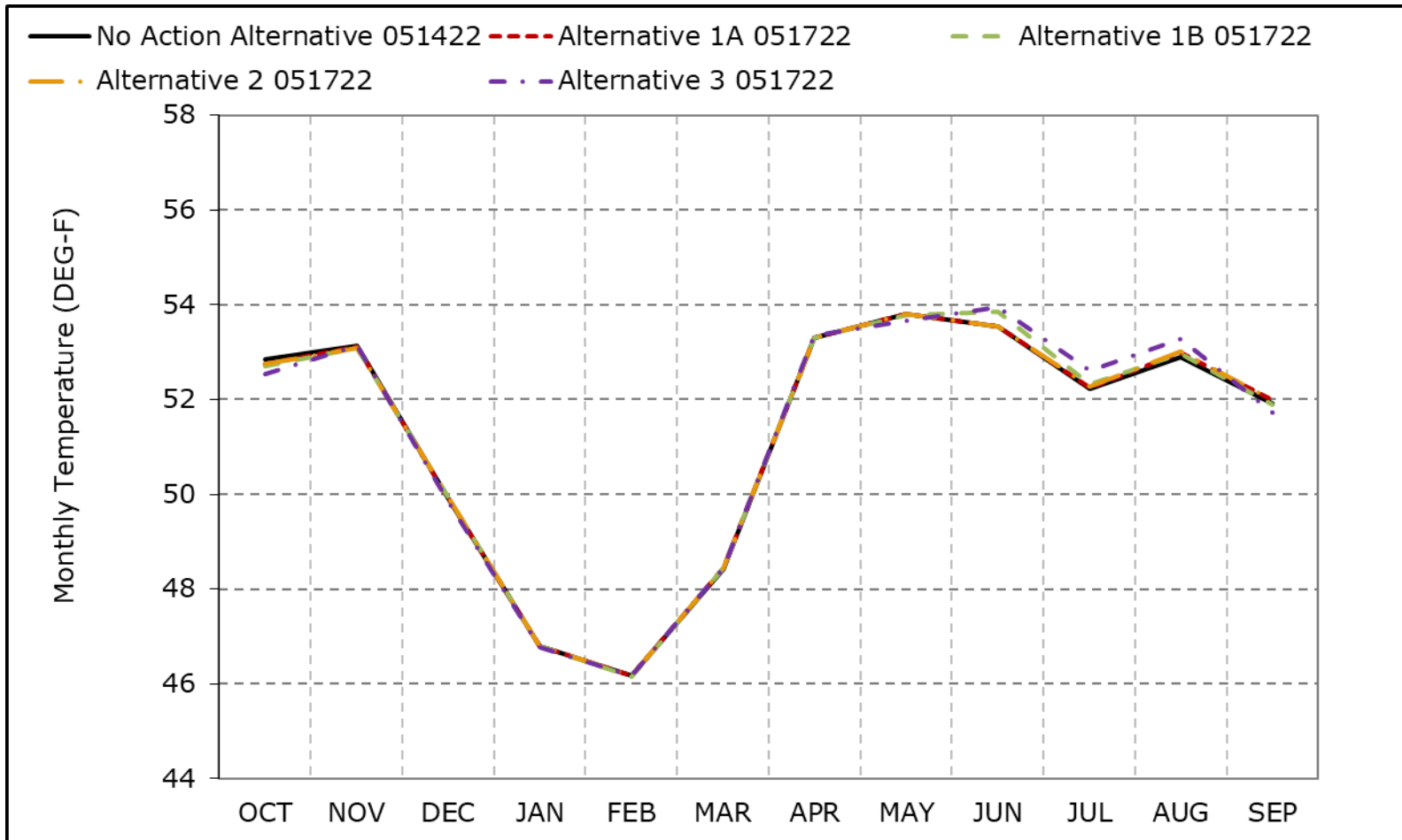


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

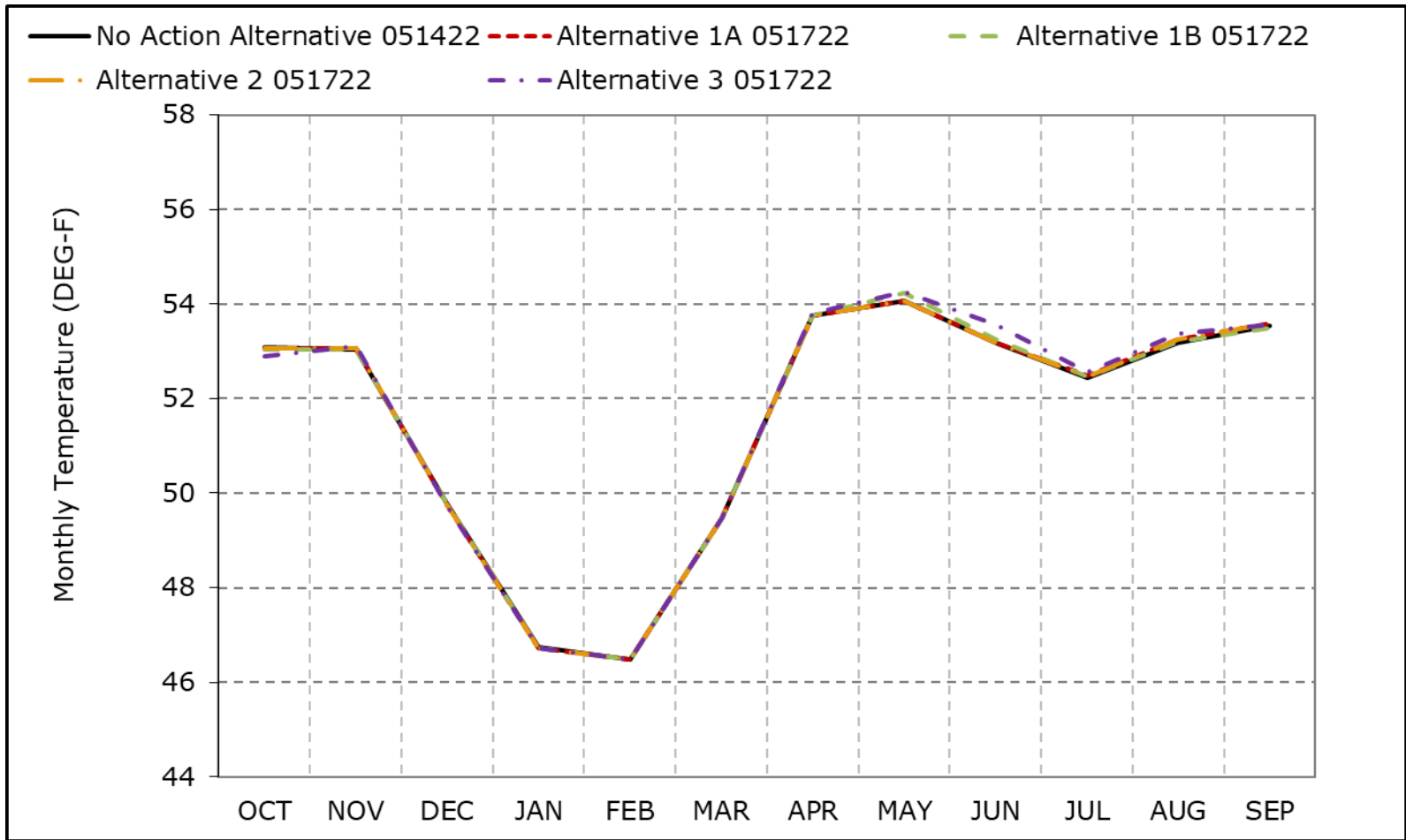
*All scenarios are simulated at current climate and 0 cm sea level rise.

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



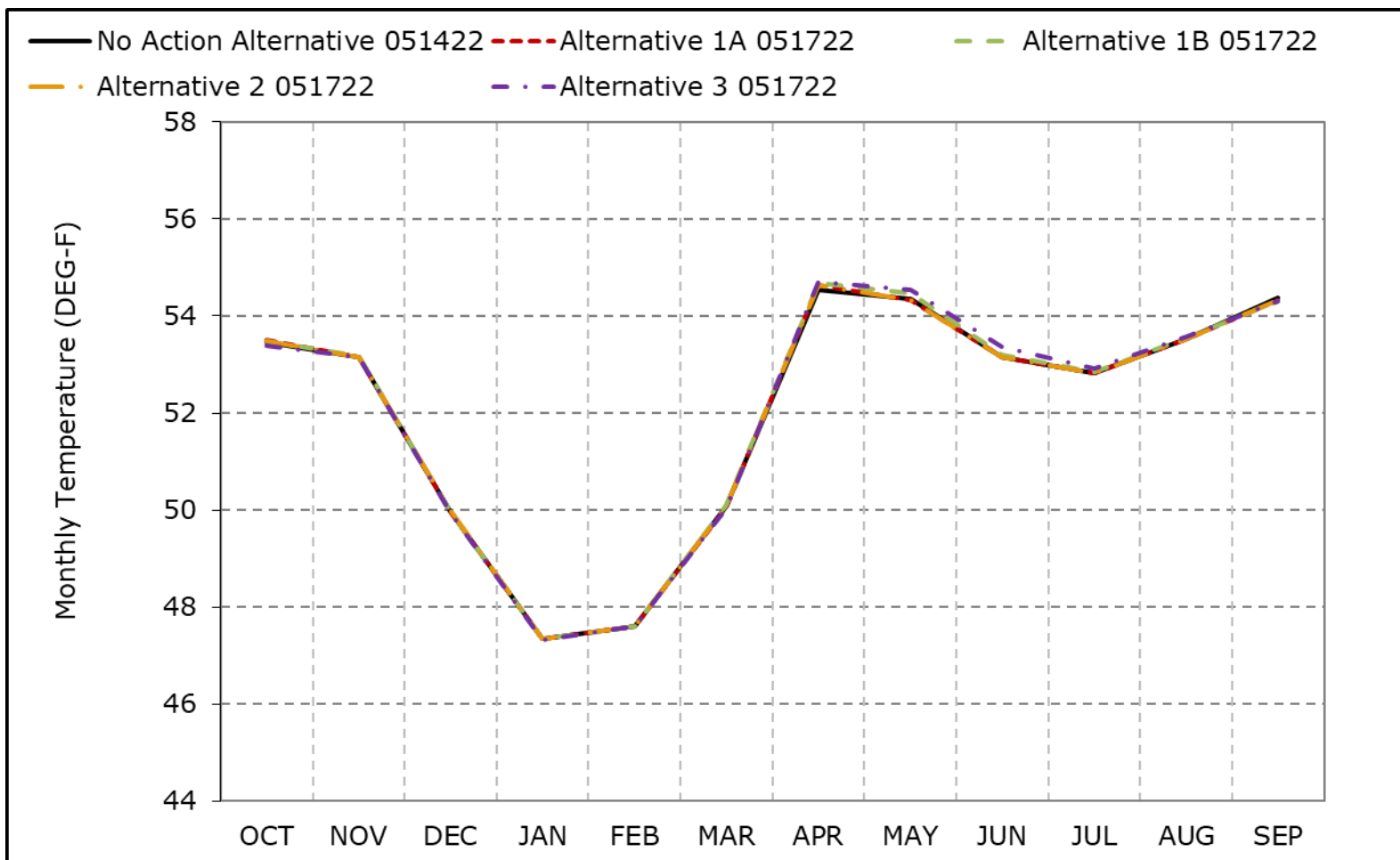
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-7-4. Sacramento River at Balls Ferry, 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-7-5. Sacramento River at Balls Ferry, Dry Year Average Temperature

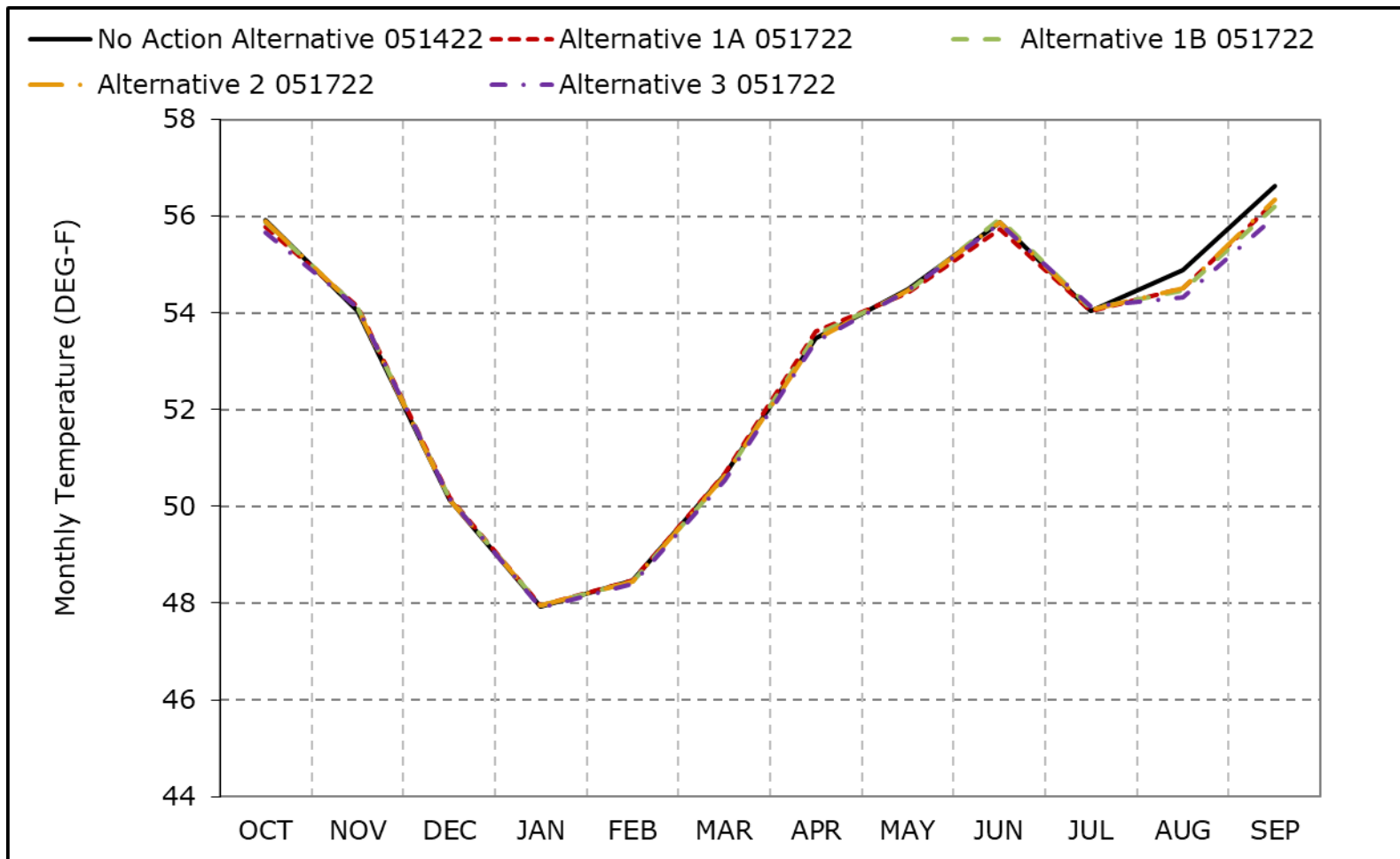


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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

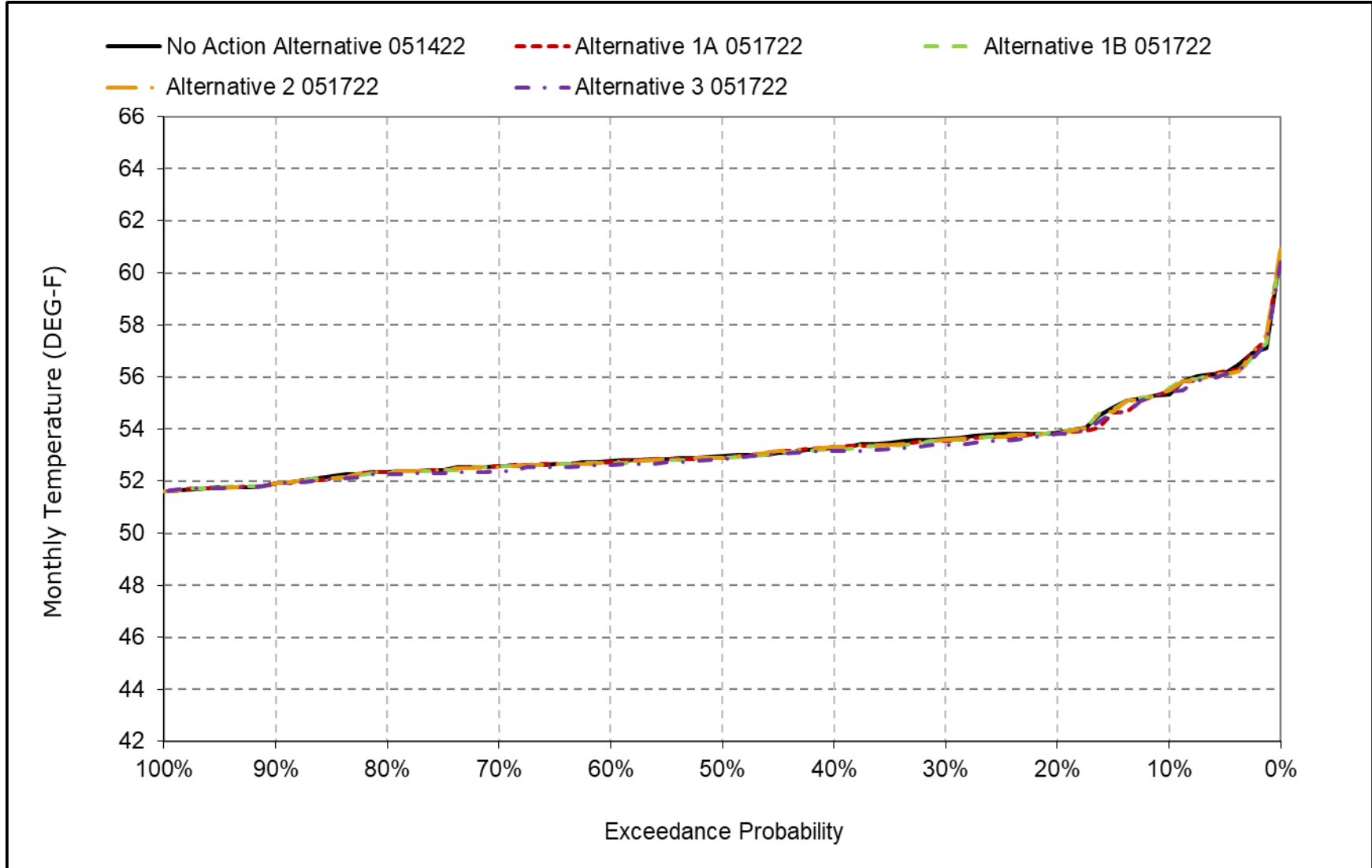


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

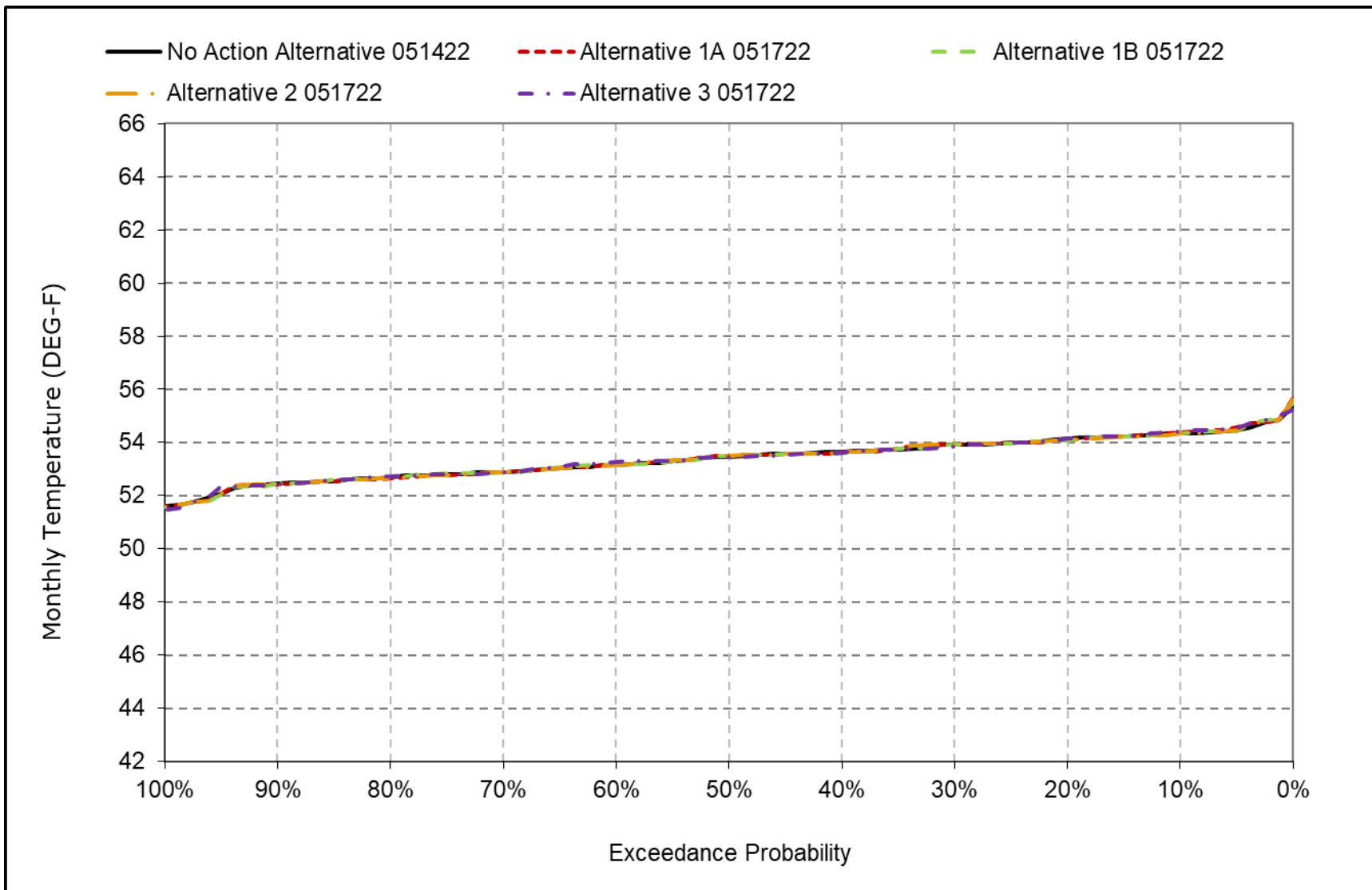
*All scenarios are simulated at current climate and 0 cm sea level rise.

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



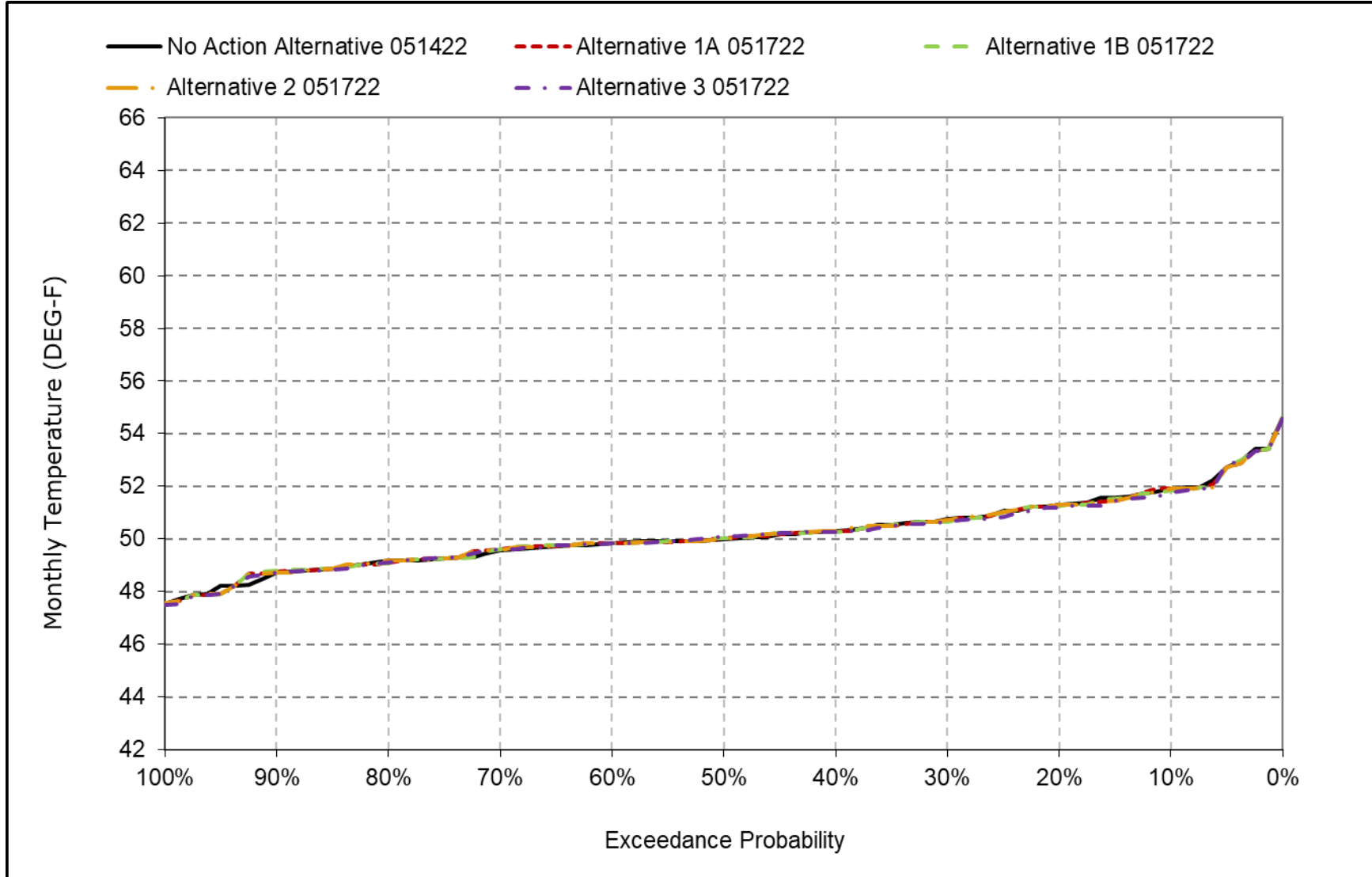
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



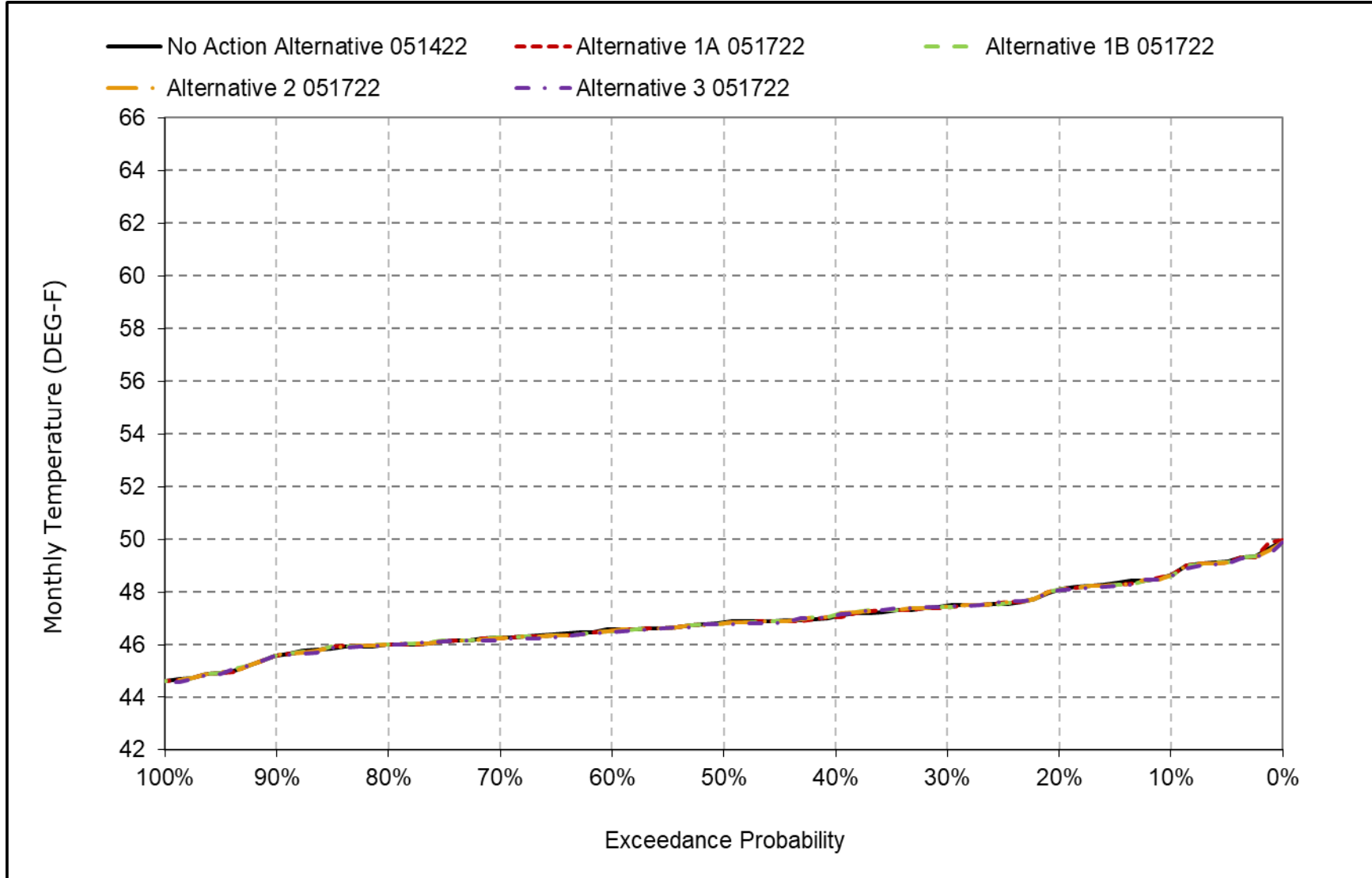
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



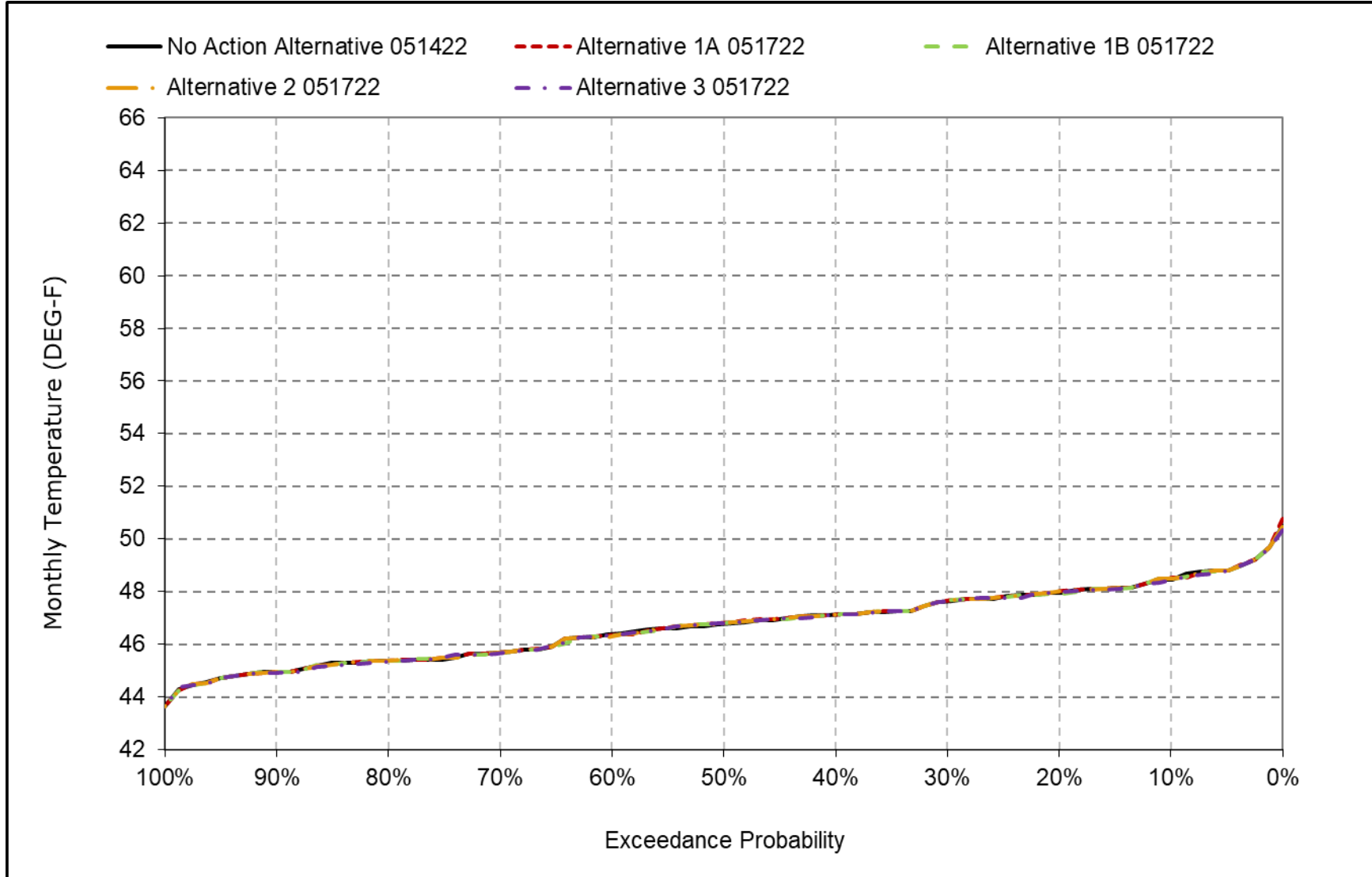
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



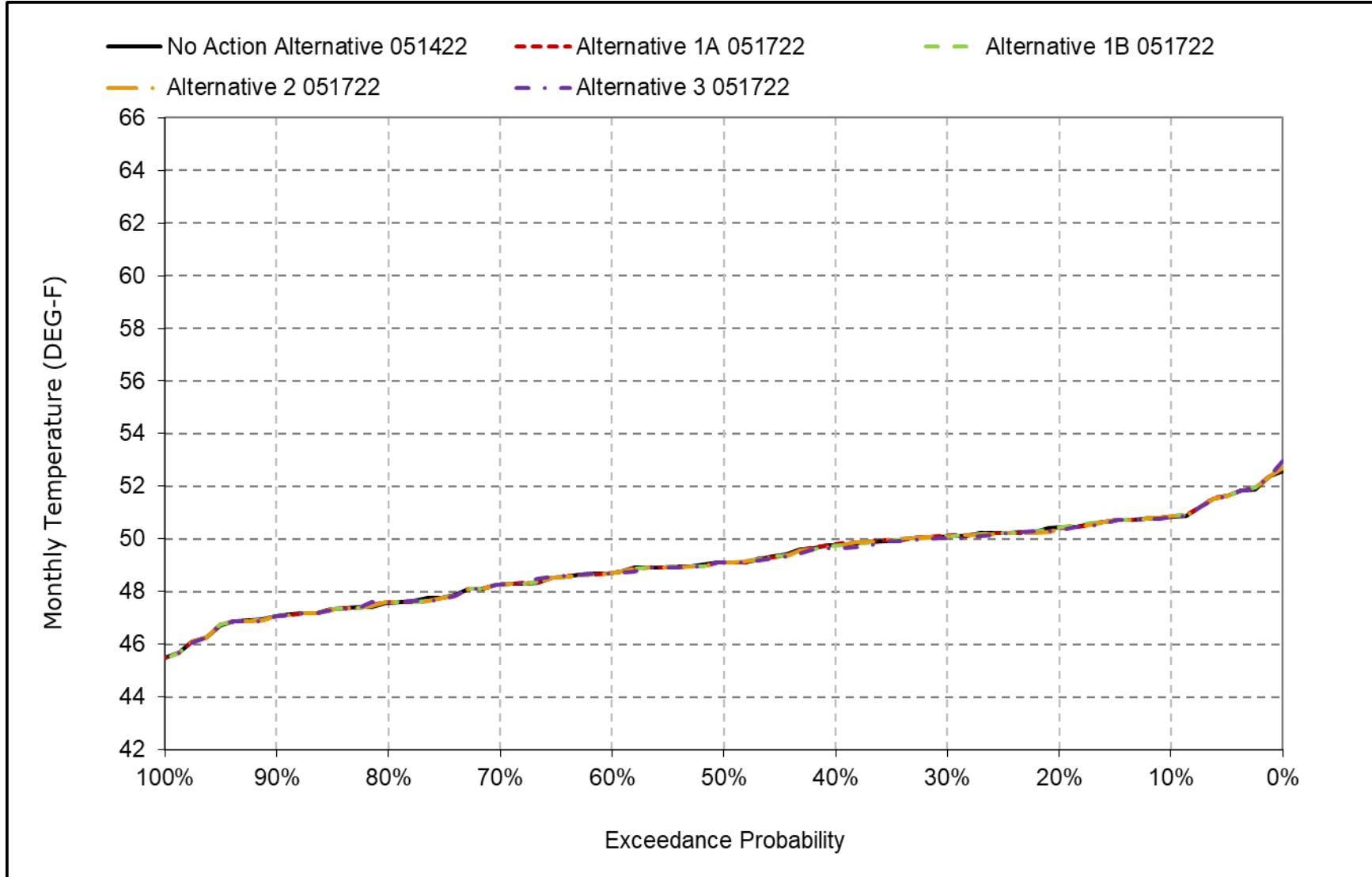
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



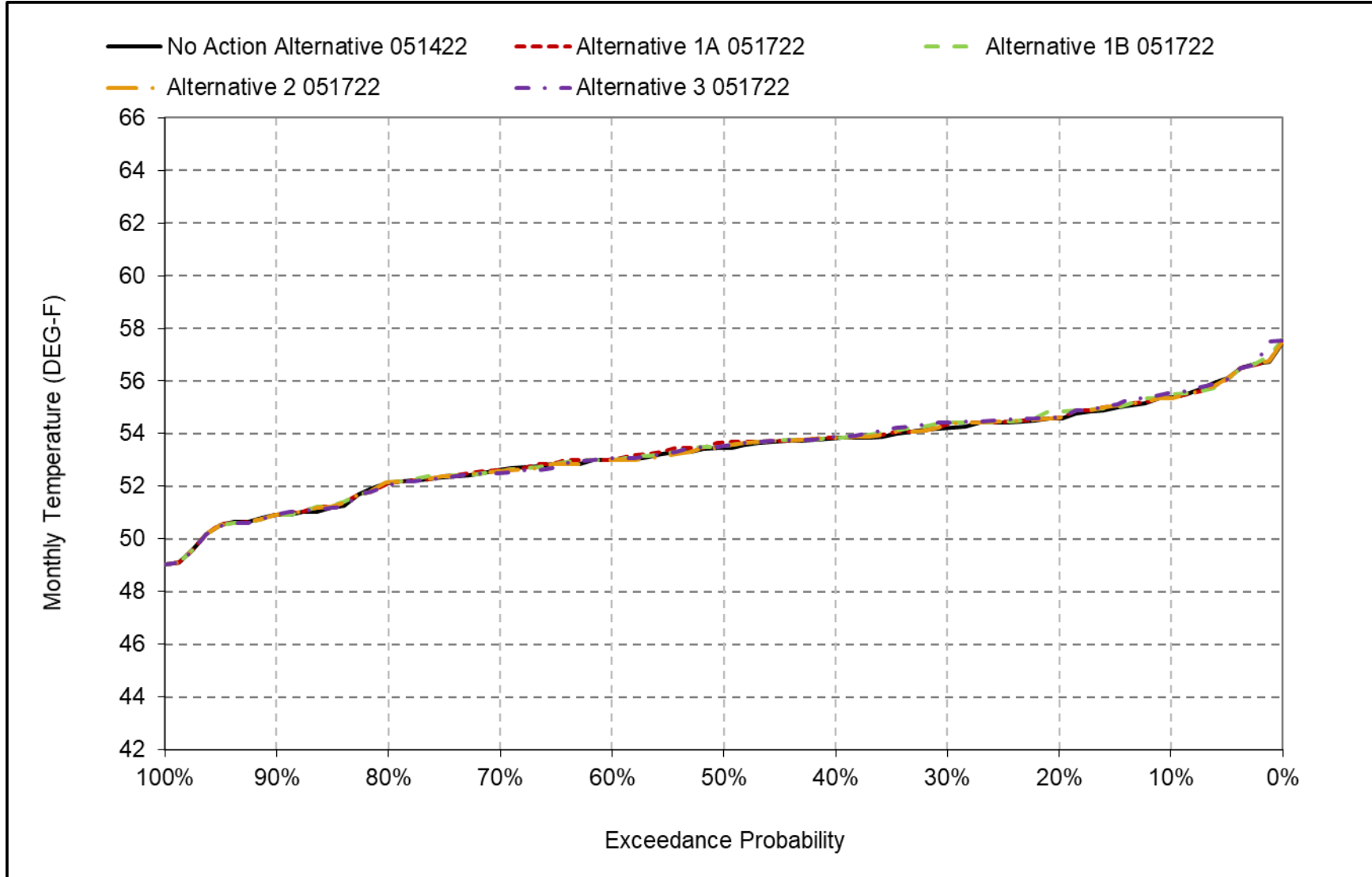
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



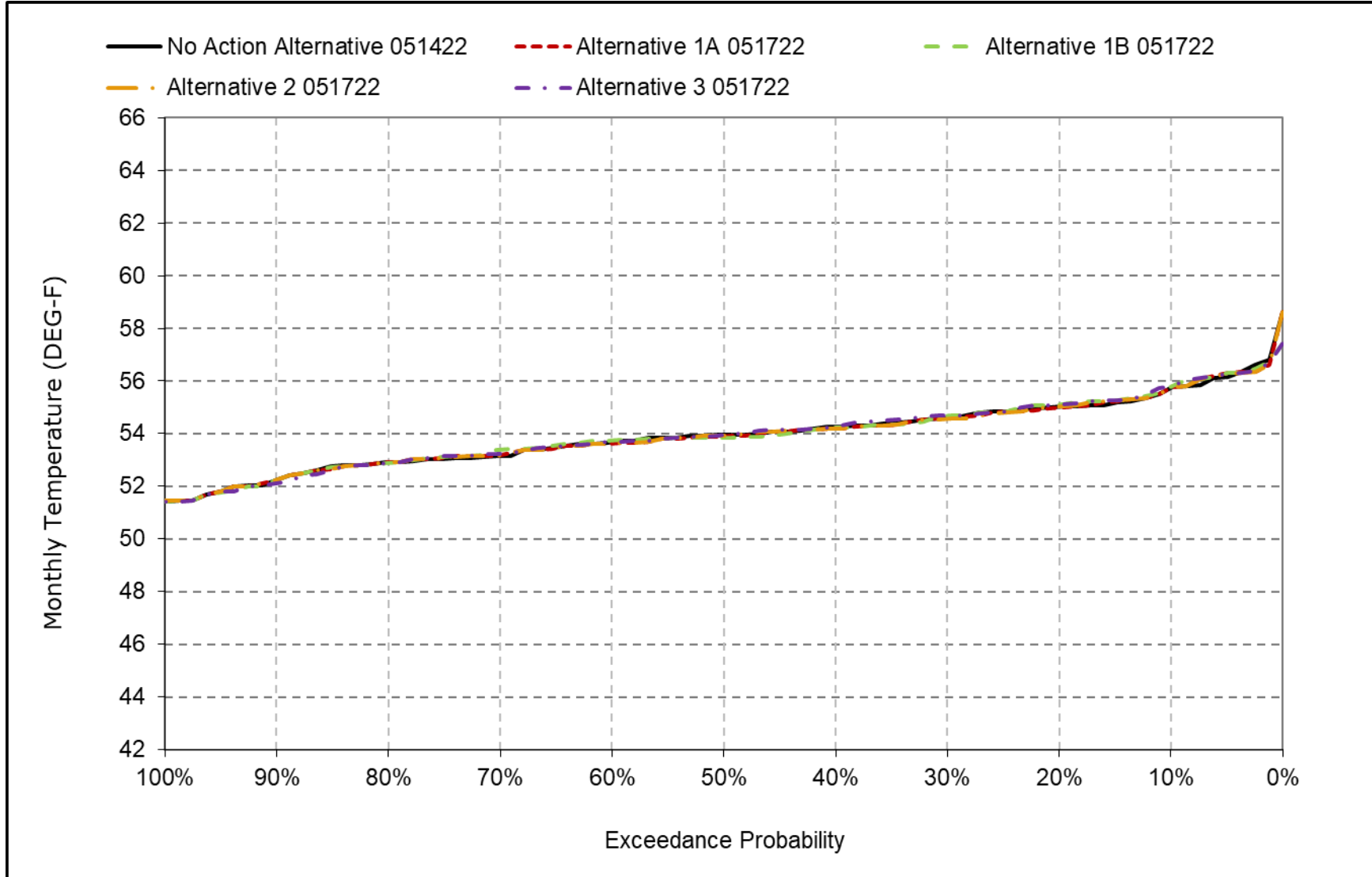
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



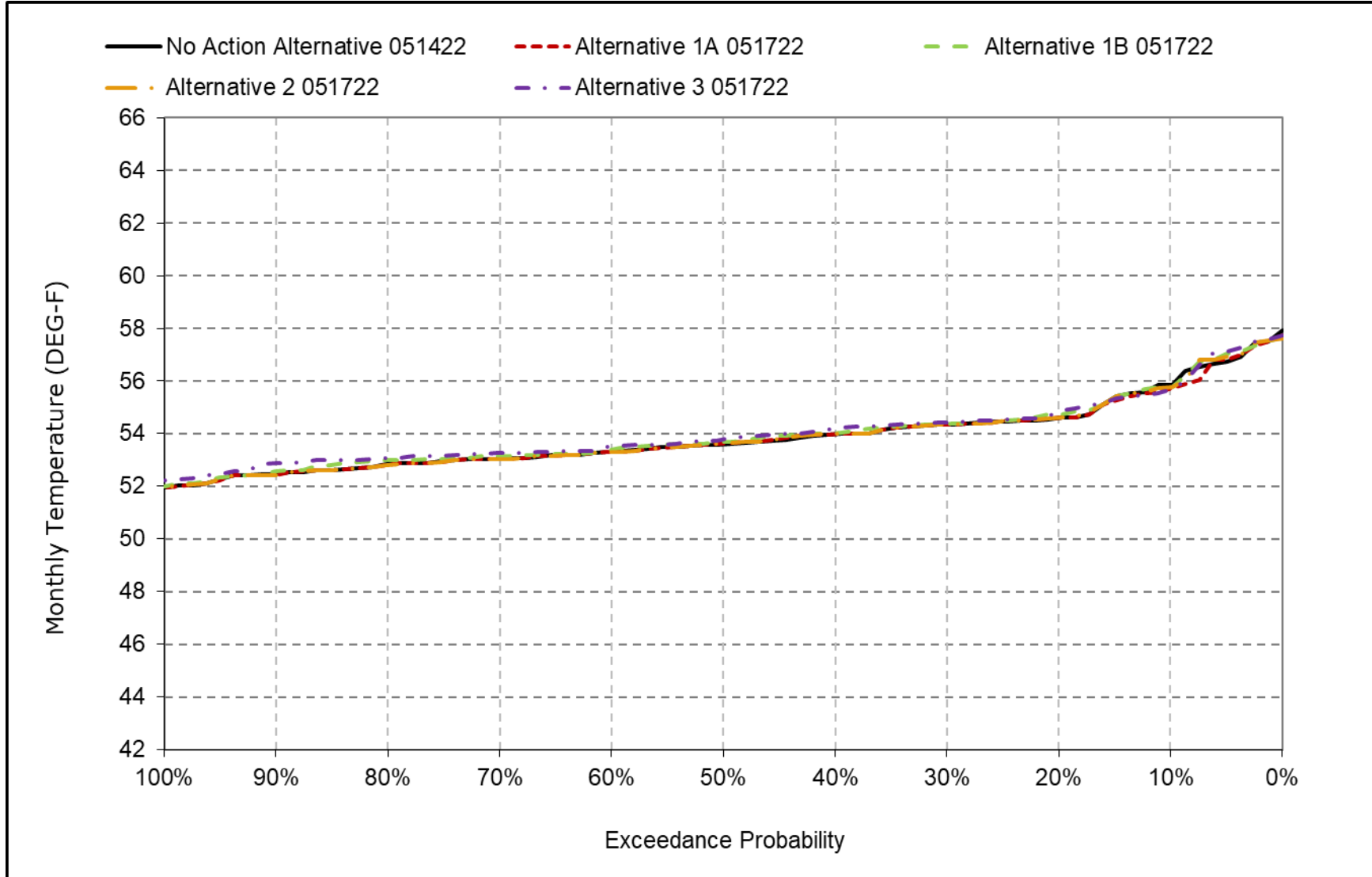
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



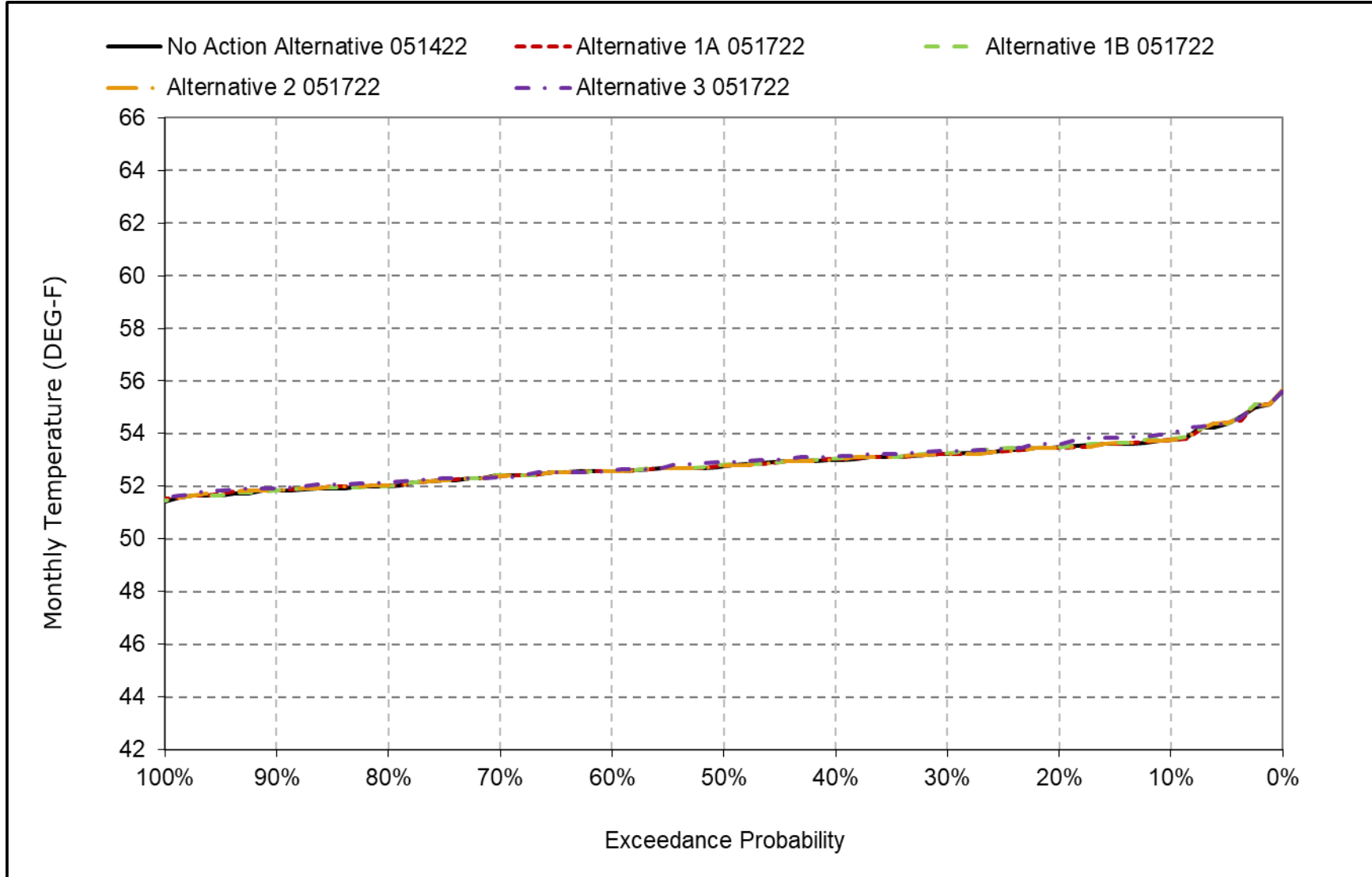
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



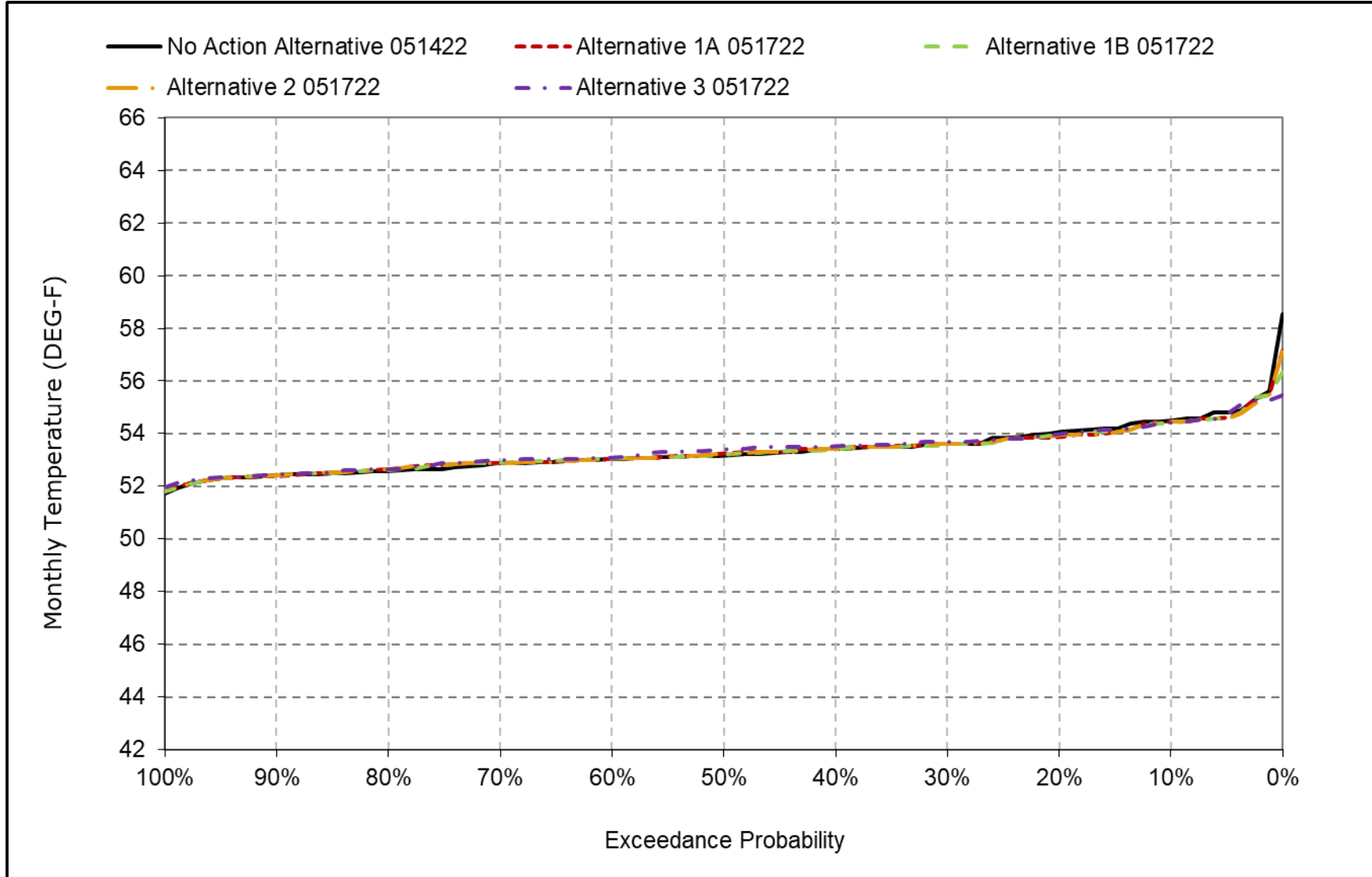
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



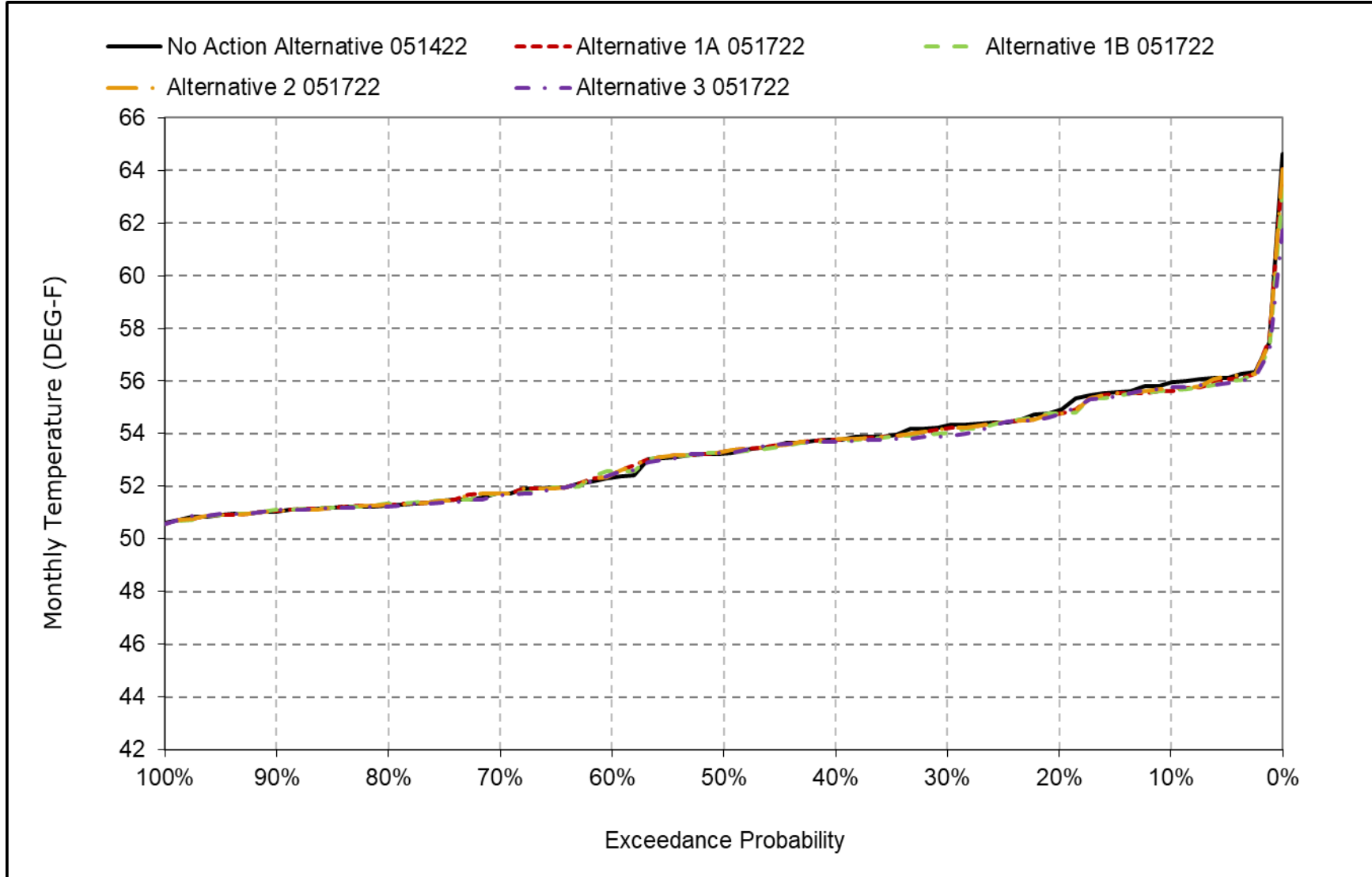
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	55.8	54.2	50.9	48.1	48.6	51.5	56.4	57.4	58.0	55.7	56.2	57.6
20% Exceedance	54.7	53.9	50.5	47.4	48.0	50.9	55.9	56.6	57.0	55.3	55.7	56.6
30% Exceedance	54.2	53.6	49.9	46.9	47.4	50.6	55.2	56.2	56.7	55.0	55.2	56.0
40% Exceedance	54.1	53.3	49.5	46.6	47.2	50.3	54.9	55.8	56.1	54.8	55.0	55.5
50% Exceedance	53.7	53.1	49.2	46.3	46.9	49.7	54.6	55.5	55.6	54.3	54.6	54.8
60% Exceedance	53.4	52.7	48.9	46.1	46.6	49.4	54.2	55.3	55.3	54.1	54.4	53.8
70% Exceedance	53.2	52.4	48.6	45.9	45.9	48.9	53.7	55.0	54.7	53.8	54.3	53.0
80% Exceedance	53.0	52.2	48.1	45.7	45.6	48.1	53.2	54.5	54.3	53.4	54.0	52.4
90% Exceedance	52.5	52.0	47.7	45.3	45.4	47.6	51.9	54.2	53.9	53.1	53.8	52.2
Full Simulation Period Average^a	54.0	53.0	49.4	46.5	46.9	49.7	54.4	55.6	55.8	54.4	54.9	54.8
Wet Water Years (32%)	53.2	53.2	49.9	46.1	46.0	48.4	53.1	55.4	56.4	54.6	54.4	52.9
Above Normal Years (15%)	53.6	52.8	49.1	46.4	46.3	49.0	54.3	55.6	55.6	53.7	54.3	53.2
Below Normal Years (17%)	53.8	52.6	49.1	46.3	46.7	50.0	54.9	55.7	54.9	53.9	54.6	55.1
Dry Years (22%)	54.2	52.8	49.1	46.8	47.6	50.6	55.5	55.8	54.7	54.3	55.0	56.1
Critical (15%)	56.4	53.6	49.2	47.4	48.5	51.2	54.7	55.8	57.3	55.7	56.5	58.2

Table 6C-8-1b. Sacramento River at Jellys Ferry, Alternative 1A 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	55.9	54.2	51.0	48.1	48.5	51.5	56.4	57.5	58.0	55.7	56.1	57.3
20% Exceedance	54.7	53.8	50.5	47.4	48.0	50.9	56.0	56.6	57.0	55.3	55.4	56.5
30% Exceedance	54.2	53.6	50.0	46.9	47.4	50.6	55.2	56.2	56.7	55.0	55.1	55.9
40% Exceedance	54.0	53.3	49.4	46.6	47.2	50.3	54.9	55.8	56.1	54.8	55.0	55.4
50% Exceedance	53.7	53.1	49.2	46.3	46.9	49.7	54.6	55.5	55.7	54.3	54.7	54.9
60% Exceedance	53.5	52.7	48.8	46.1	46.6	49.4	54.2	55.2	55.2	54.1	54.4	53.9
70% Exceedance	53.3	52.4	48.6	45.9	45.9	48.9	53.7	54.9	54.7	53.8	54.3	53.0
80% Exceedance	53.0	52.2	48.1	45.7	45.7	48.1	53.3	54.6	54.3	53.4	54.1	52.4
90% Exceedance	52.5	52.0	47.8	45.3	45.4	47.6	51.9	54.1	53.9	53.2	53.8	52.2
Full Simulation Period Average^a	54.0	53.0	49.4	46.5	46.9	49.7	54.4	55.6	55.8	54.5	54.8	54.7
Wet Water Years (32%)	53.2	53.2	49.9	46.1	46.0	48.4	53.1	55.4	56.4	54.6	54.4	52.9
Above Normal Years (15%)	53.5	52.7	49.1	46.4	46.3	49.0	54.3	55.6	55.6	53.7	54.4	53.3
Below Normal Years (17%)	53.7	52.7	49.1	46.3	46.7	50.0	54.9	55.7	54.9	53.9	54.7	55.2
Dry Years (22%)	54.2	52.8	49.1	46.8	47.6	50.5	55.6	55.8	54.7	54.3	55.0	56.0
Critical (15%)	56.3	53.7	49.2	47.4	48.5	51.2	54.9	55.8	57.3	55.7	56.0	57.8

Table 6C-8-1c. Sacramento River at Jellys Ferry, Alternative 1A 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0.1	0.0	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.3
20% Exceedance	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.3	-0.1
30% Exceedance	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
40% Exceedance	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	-0.1
50% Exceedance	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% Exceedance	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.2
70% Exceedance	0.1	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.1
80% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.0
90% Exceedance	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (15%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Below Normal Years (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Dry Years (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Critical (15%)	-0.2	0.1	0.0	0.0	0.0	0.0	0.2	0.0	-0.1	0.0	-0.4	-0.4

^a Based on the 82-year simulation period.

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

* 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.

Table 6C-8-2a. Sacramento River at Jellys Ferry, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	55.8	54.2	50.9	48.1	48.6	51.5	56.4	57.4	58.0	55.7	56.2	57.6
20% Exceedance	54.7	53.9	50.5	47.4	48.0	50.9	55.9	56.6	57.0	55.3	55.7	56.6
30% Exceedance	54.2	53.6	49.9	46.9	47.4	50.6	55.2	56.2	56.7	55.0	55.2	56.0
40% Exceedance	54.1	53.3	49.5	46.6	47.2	50.3	54.9	55.8	56.1	54.8	55.0	55.5
50% Exceedance	53.7	53.1	49.2	46.3	46.9	49.7	54.6	55.5	55.6	54.3	54.6	54.8
60% Exceedance	53.4	52.7	48.9	46.1	46.6	49.4	54.2	55.3	55.3	54.1	54.4	53.8
70% Exceedance	53.2	52.4	48.6	45.9	45.9	48.9	53.7	55.0	54.7	53.8	54.3	53.0
80% Exceedance	53.0	52.2	48.1	45.7	45.6	48.1	53.2	54.5	54.3	53.4	54.0	52.4
90% Exceedance	52.5	52.0	47.7	45.3	45.4	47.6	51.9	54.2	53.9	53.1	53.8	52.2
Full Simulation Period Average^a	54.0	53.0	49.4	46.5	46.9	49.7	54.4	55.6	55.8	54.4	54.9	54.8
Wet Water Years (32%)	53.2	53.2	49.9	46.1	46.0	48.4	53.1	55.4	56.4	54.6	54.4	52.9
Above Normal Years (15%)	53.6	52.8	49.1	46.4	46.3	49.0	54.3	55.6	55.6	53.7	54.3	53.2
Below Normal Years (17%)	53.8	52.6	49.1	46.3	46.7	50.0	54.9	55.7	54.9	53.9	54.6	55.1
Dry Years (22%)	54.2	52.8	49.1	46.8	47.6	50.6	55.5	55.8	54.7	54.3	55.0	56.1
Critical (15%)	56.4	53.6	49.2	47.4	48.5	51.2	54.7	55.8	57.3	55.7	56.5	58.2

Table 6C-8-2b. Sacramento River at Jellys Ferry, Alternative 1B 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	56.0	54.2	50.9	48.1	48.5	51.5	56.5	57.5	58.0	55.7	56.1	57.3
20% Exceedance	54.7	53.8	50.5	47.4	48.0	50.9	56.0	56.9	57.1	55.3	55.5	56.5
30% Exceedance	54.2	53.6	49.9	47.0	47.4	50.6	55.4	56.1	56.7	55.1	55.1	55.7
40% Exceedance	54.0	53.3	49.5	46.6	47.2	50.2	54.9	55.8	56.3	54.7	55.0	55.3
50% Exceedance	53.6	53.1	49.1	46.3	46.9	49.7	54.6	55.6	55.8	54.4	54.6	54.8
60% Exceedance	53.4	52.7	48.8	46.1	46.5	49.4	54.1	55.3	55.3	54.1	54.4	54.0
70% Exceedance	53.2	52.4	48.6	45.9	45.9	48.9	53.8	55.1	54.9	53.8	54.3	53.0
80% Exceedance	53.0	52.2	48.1	45.7	45.7	48.1	53.3	54.7	54.6	53.4	54.0	52.5
90% Exceedance	52.5	52.0	47.9	45.3	45.4	47.6	51.9	54.1	54.0	53.1	53.8	52.3
Full Simulation Period Average^a	54.0	53.0	49.4	46.5	46.9	49.6	54.4	55.7	55.9	54.5	54.8	54.7
Wet Water Years (32%)	53.2	53.2	49.9	46.1	46.0	48.4	53.2	55.2	56.4	54.7	54.4	52.9
Above Normal Years (15%)	53.4	52.7	49.2	46.4	46.3	49.0	54.3	55.6	56.0	53.8	54.4	53.1
Below Normal Years (17%)	53.7	52.6	49.1	46.3	46.6	50.0	54.9	55.9	55.0	53.9	54.6	55.1
Dry Years (22%)	54.2	52.8	49.1	46.8	47.6	50.6	55.6	56.0	54.7	54.3	55.0	56.0
Critical (15%)	56.3	53.7	49.2	47.4	48.5	51.1	54.8	55.9	57.5	55.8	56.0	57.7

Table 6C-8-2c. Sacramento River at Jellys Ferry, Alternative 1B 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0.2	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	-0.1	-0.3
20% Exceedance	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.3	0.1	0.0	-0.2	-0.1
30% Exceedance	0.0	0.0	0.1	0.0	0.0	0.0	0.2	-0.1	0.1	0.1	0.0	-0.3
40% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.2
50% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0
60% Exceedance	0.0	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.2
70% Exceedance	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0
80% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.0	0.1	0.0
90% Exceedance	0.0	0.0	0.2	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.1	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	-0.1
Wet Water Years (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
Above Normal Years (15%)	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.1	0.0
Below Normal Years (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0
Dry Years (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	-0.1
Critical (15%)	-0.1	0.1	0.0	0.0	0.0	-0.1	0.1	0.0	0.1	0.0	-0.5	-0.5

^a Based on the 82-year simulation period.

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

* 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.

Table 6C-8-3a. Sacramento River at Jellys Ferry, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	55.8	54.2	50.9	48.1	48.6	51.5	56.4	57.4	58.0	55.7	56.2	57.6
20% Exceedance	54.7	53.9	50.5	47.4	48.0	50.9	55.9	56.6	57.0	55.3	55.7	56.6
30% Exceedance	54.2	53.6	49.9	46.9	47.4	50.6	55.2	56.2	56.7	55.0	55.2	56.0
40% Exceedance	54.1	53.3	49.5	46.6	47.2	50.3	54.9	55.8	56.1	54.8	55.0	55.5
50% Exceedance	53.7	53.1	49.2	46.3	46.9	49.7	54.6	55.5	55.6	54.3	54.6	54.8
60% Exceedance	53.4	52.7	48.9	46.1	46.6	49.4	54.2	55.3	55.3	54.1	54.4	53.8
70% Exceedance	53.2	52.4	48.6	45.9	45.9	48.9	53.7	55.0	54.7	53.8	54.3	53.0
80% Exceedance	53.0	52.2	48.1	45.7	45.6	48.1	53.2	54.5	54.3	53.4	54.0	52.4
90% Exceedance	52.5	52.0	47.7	45.3	45.4	47.6	51.9	54.2	53.9	53.1	53.8	52.2
Full Simulation Period Average^a	54.0	53.0	49.4	46.5	46.9	49.7	54.4	55.6	55.8	54.4	54.9	54.8
Wet Water Years (32%)	53.2	53.2	49.9	46.1	46.0	48.4	53.1	55.4	56.4	54.6	54.4	52.9
Above Normal Years (15%)	53.6	52.8	49.1	46.4	46.3	49.0	54.3	55.6	55.6	53.7	54.3	53.2
Below Normal Years (17%)	53.8	52.6	49.1	46.3	46.7	50.0	54.9	55.7	54.9	53.9	54.6	55.1
Dry Years (22%)	54.2	52.8	49.1	46.8	47.6	50.6	55.5	55.8	54.7	54.3	55.0	56.1
Critical (15%)	56.4	53.6	49.2	47.4	48.5	51.2	54.7	55.8	57.3	55.7	56.5	58.2

Table 6C-8-3b. Sacramento River at Jellys Ferry, Alternative 2 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	56.0	54.2	50.9	48.1	48.5	51.5	56.4	57.5	58.0	55.7	56.1	57.4
20% Exceedance	54.7	53.8	50.5	47.4	48.0	50.9	56.0	56.7	57.0	55.2	55.5	56.5
30% Exceedance	54.2	53.6	49.9	47.0	47.4	50.6	55.2	56.3	56.7	55.0	55.1	55.9
40% Exceedance	54.0	53.3	49.5	46.6	47.2	50.2	54.9	55.8	56.1	54.8	55.0	55.4
50% Exceedance	53.7	53.1	49.2	46.3	46.9	49.7	54.5	55.5	55.7	54.3	54.7	54.9
60% Exceedance	53.5	52.7	48.8	46.1	46.5	49.4	54.1	55.3	55.2	54.1	54.4	53.9
70% Exceedance	53.3	52.4	48.6	45.9	45.9	48.9	53.7	55.0	54.7	53.8	54.3	53.0
80% Exceedance	53.0	52.2	48.1	45.7	45.6	48.1	53.3	54.6	54.3	53.4	54.1	52.4
90% Exceedance	52.5	52.0	47.8	45.3	45.4	47.6	51.9	54.1	53.9	53.2	53.8	52.2
Full Simulation Period Average^a	54.0	53.0	49.4	46.5	46.9	49.6	54.4	55.6	55.8	54.5	54.8	54.7
Wet Water Years (32%)	53.2	53.2	49.9	46.1	46.0	48.4	53.1	55.4	56.4	54.6	54.4	52.9
Above Normal Years (15%)	53.5	52.7	49.1	46.4	46.3	49.0	54.3	55.6	55.6	53.7	54.4	53.3
Below Normal Years (17%)	53.7	52.7	49.1	46.3	46.6	50.0	54.9	55.7	54.9	53.9	54.7	55.2
Dry Years (22%)	54.2	52.8	49.2	46.8	47.6	50.6	55.6	55.8	54.7	54.3	55.0	56.0
Critical (15%)	56.4	53.7	49.2	47.4	48.5	51.2	54.7	55.9	57.4	55.7	56.0	57.8

Table 6C-8-3c. Sacramento River at Jellys Ferry, Alternative 2 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1
20% Exceedance	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	-0.2	-0.1
30% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
40% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	-0.1
50% Exceedance	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% Exceedance	0.1	0.0	0.0	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.2
70% Exceedance	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
80% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.0
90% Exceedance	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (15%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Below Normal Years (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Dry Years (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	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	0.1	0.0	-0.4	-0.3

^a Based on the 82-year simulation period.

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

* 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.

Table 6C-8-4a. Sacramento River at Jellys Ferry, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	55.8	54.2	50.9	48.1	48.6	51.5	56.4	57.4	58.0	55.7	56.2	57.6
20% Exceedance	54.7	53.9	50.5	47.4	48.0	50.9	55.9	56.6	57.0	55.3	55.7	56.6
30% Exceedance	54.2	53.6	49.9	46.9	47.4	50.6	55.2	56.2	56.7	55.0	55.2	56.0
40% Exceedance	54.1	53.3	49.5	46.6	47.2	50.3	54.9	55.8	56.1	54.8	55.0	55.5
50% Exceedance	53.7	53.1	49.2	46.3	46.9	49.7	54.6	55.5	55.6	54.3	54.6	54.8
60% Exceedance	53.4	52.7	48.9	46.1	46.6	49.4	54.2	55.3	55.3	54.1	54.4	53.8
70% Exceedance	53.2	52.4	48.6	45.9	45.9	48.9	53.7	55.0	54.7	53.8	54.3	53.0
80% Exceedance	53.0	52.2	48.1	45.7	45.6	48.1	53.2	54.5	54.3	53.4	54.0	52.4
90% Exceedance	52.5	52.0	47.7	45.3	45.4	47.6	51.9	54.2	53.9	53.1	53.8	52.2
Full Simulation Period Average^a	54.0	53.0	49.4	46.5	46.9	49.7	54.4	55.6	55.8	54.4	54.9	54.8
Wet Water Years (32%)	53.2	53.2	49.9	46.1	46.0	48.4	53.1	55.4	56.4	54.6	54.4	52.9
Above Normal Years (15%)	53.6	52.8	49.1	46.4	46.3	49.0	54.3	55.6	55.6	53.7	54.3	53.2
Below Normal Years (17%)	53.8	52.6	49.1	46.3	46.7	50.0	54.9	55.7	54.9	53.9	54.6	55.1
Dry Years (22%)	54.2	52.8	49.1	46.8	47.6	50.6	55.5	55.8	54.7	54.3	55.0	56.1
Critical (15%)	56.4	53.6	49.2	47.4	48.5	51.2	54.7	55.8	57.3	55.7	56.5	58.2

Table 6C-8-4b. Sacramento River at Jellys Ferry, Alternative 3 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	55.9	54.2	50.9	48.0	48.5	51.5	56.5	57.5	58.2	56.0	56.1	57.5
20% Exceedance	54.7	53.8	50.4	47.4	48.0	50.9	56.0	56.8	57.1	55.5	55.5	56.4
30% Exceedance	54.2	53.5	49.9	47.0	47.3	50.6	55.4	56.1	56.8	55.1	55.3	55.7
40% Exceedance	53.9	53.3	49.4	46.6	47.2	50.2	54.9	55.9	56.3	54.8	55.1	55.3
50% Exceedance	53.5	53.0	49.1	46.3	46.9	49.7	54.6	55.6	55.9	54.5	54.9	54.7
60% Exceedance	53.3	52.8	48.8	46.0	46.6	49.4	54.1	55.4	55.4	54.3	54.6	53.9
70% Exceedance	53.0	52.5	48.6	45.8	45.9	48.9	53.7	55.1	55.1	53.8	54.4	52.9
80% Exceedance	52.8	52.2	48.1	45.7	45.6	48.1	53.3	54.7	54.8	53.6	54.1	52.4
90% Exceedance	52.5	52.1	47.8	45.3	45.3	47.6	51.9	53.7	54.3	53.3	53.8	52.3
Full Simulation Period Average^a	53.9	53.0	49.3	46.5	46.8	49.6	54.4	55.7	56.0	54.6	54.9	54.7
Wet Water Years (32%)	53.2	53.2	49.9	46.1	46.0	48.4	53.2	55.3	56.4	54.6	54.4	52.9
Above Normal Years (15%)	53.2	52.8	49.1	46.4	46.3	49.0	54.4	55.5	56.1	54.2	54.8	53.0
Below Normal Years (17%)	53.5	52.7	49.1	46.3	46.7	50.0	54.9	56.0	55.4	54.0	54.8	55.1
Dry Years (22%)	54.1	52.8	49.1	46.7	47.6	50.5	55.6	56.1	54.9	54.4	55.1	56.0
Critical (15%)	56.1	53.7	49.2	47.4	48.5	51.1	54.7	55.9	57.4	55.8	55.9	57.5

Table 6C-8-4c. Sacramento River at Jellys Ferry, Alternative 3 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0.1	0.0	-0.1	0.0	-0.1	0.0	0.0	0.1	0.2	0.3	-0.1	0.0
20% Exceedance	-0.1	-0.1	-0.2	0.0	0.0	-0.1	0.1	0.2	0.1	0.3	-0.2	-0.1
30% Exceedance	-0.1	-0.1	0.0	0.0	0.0	0.0	0.3	-0.1	0.1	0.1	0.1	-0.3
40% Exceedance	-0.2	0.0	-0.1	0.0	0.0	-0.1	0.0	0.0	0.2	0.0	0.1	-0.2
50% Exceedance	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.3	0.0
60% Exceedance	-0.1	0.1	0.0	-0.1	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.1
70% Exceedance	-0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.0	0.1	-0.1
80% Exceedance	-0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.1	0.1	0.0
90% Exceedance	0.0	0.1	0.2	0.0	0.0	0.0	0.0	-0.4	0.4	0.2	0.1	0.0
Full Simulation Period Average^a	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.1	0.0	-0.1
Wet Water Years (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
Above Normal Years (15%)	-0.4	0.0	-0.1	0.0	0.0	0.0	0.0	-0.2	0.5	0.5	0.5	-0.2
Below Normal Years (17%)	-0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.2	0.2	0.0
Dry Years (22%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.1	0.1	-0.1
Critical (15%)	-0.3	0.1	0.0	0.0	-0.1	-0.1	0.0	0.1	0.1	0.1	-0.6	-0.6

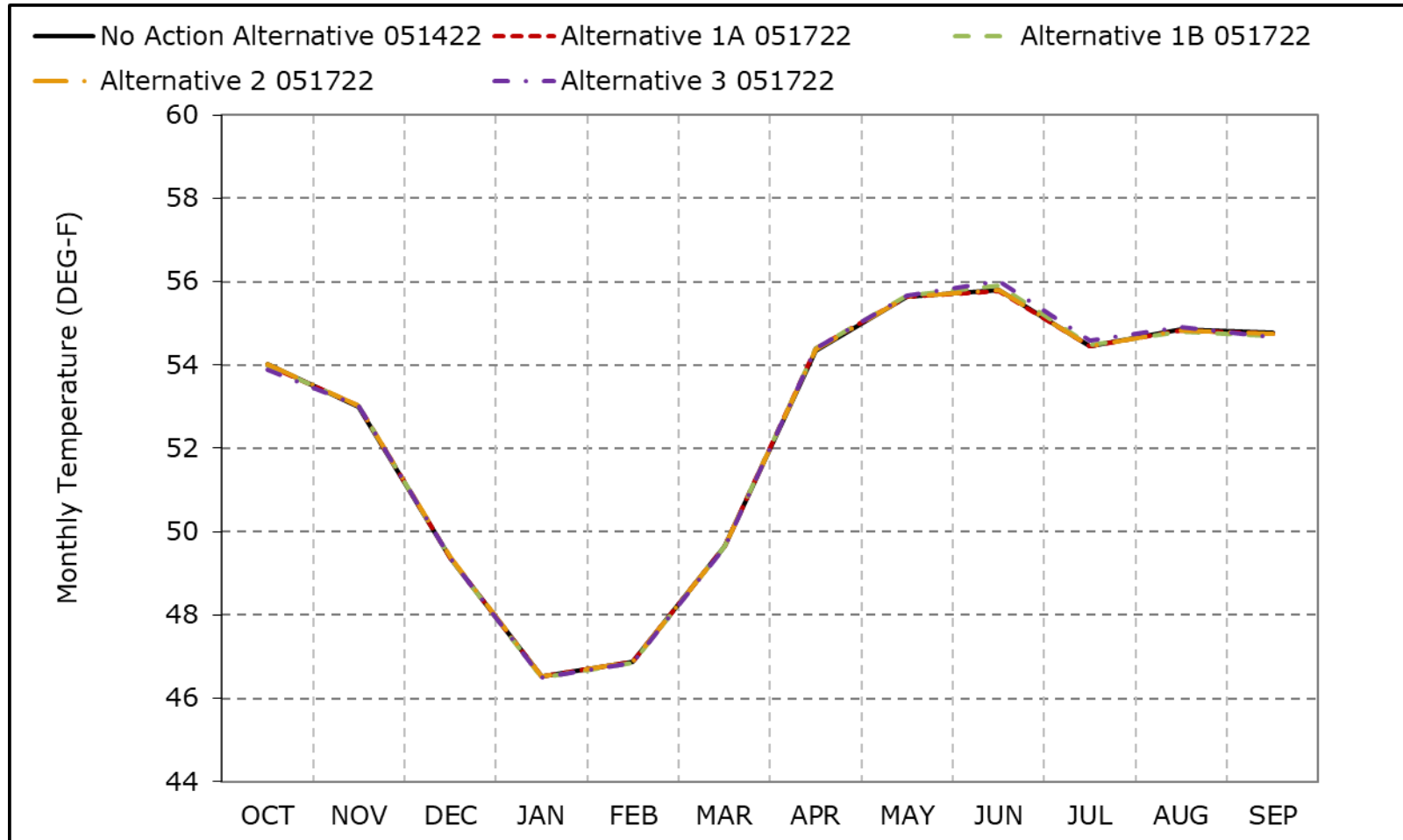
^a Based on the 82-year simulation period.

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

* 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.

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

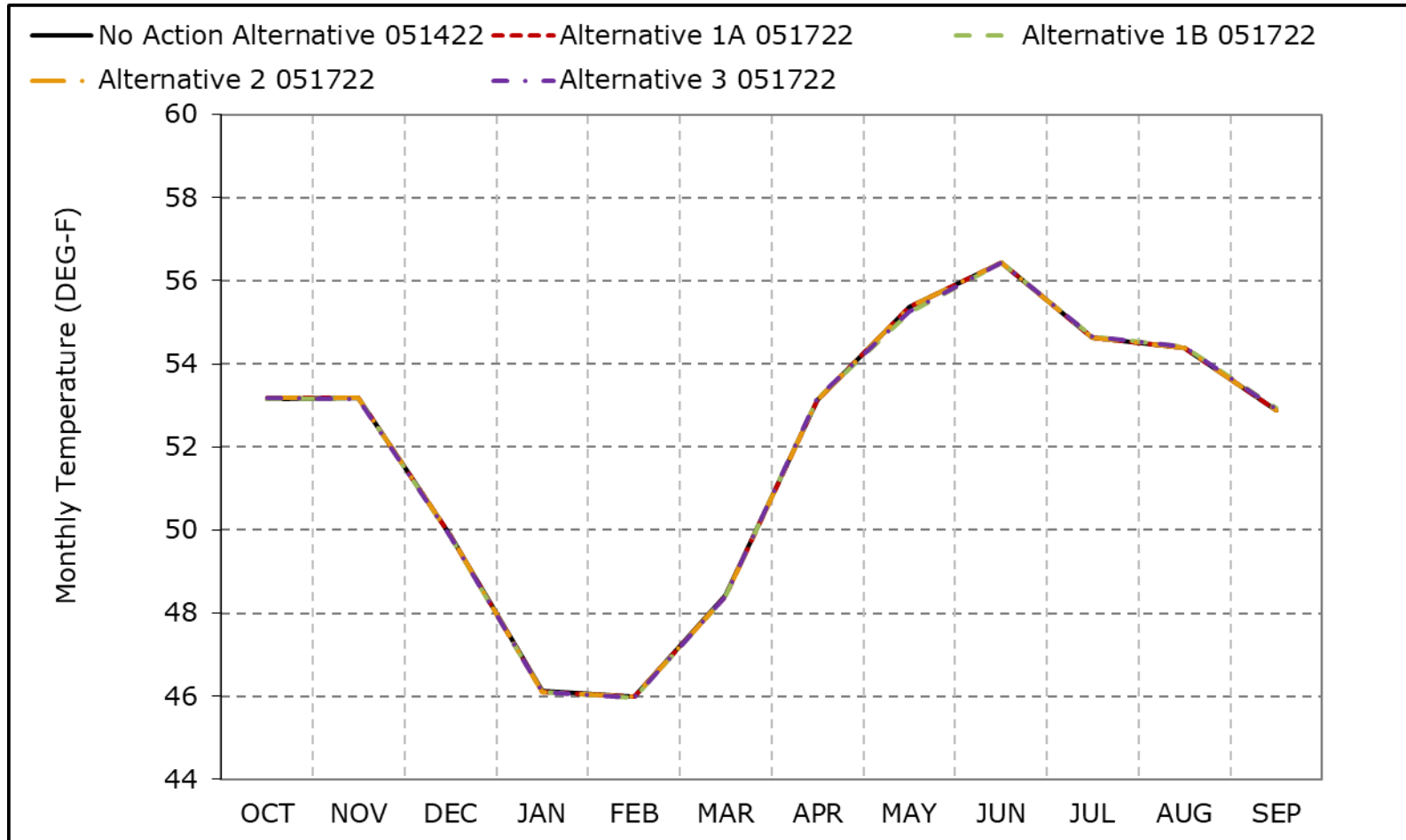


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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

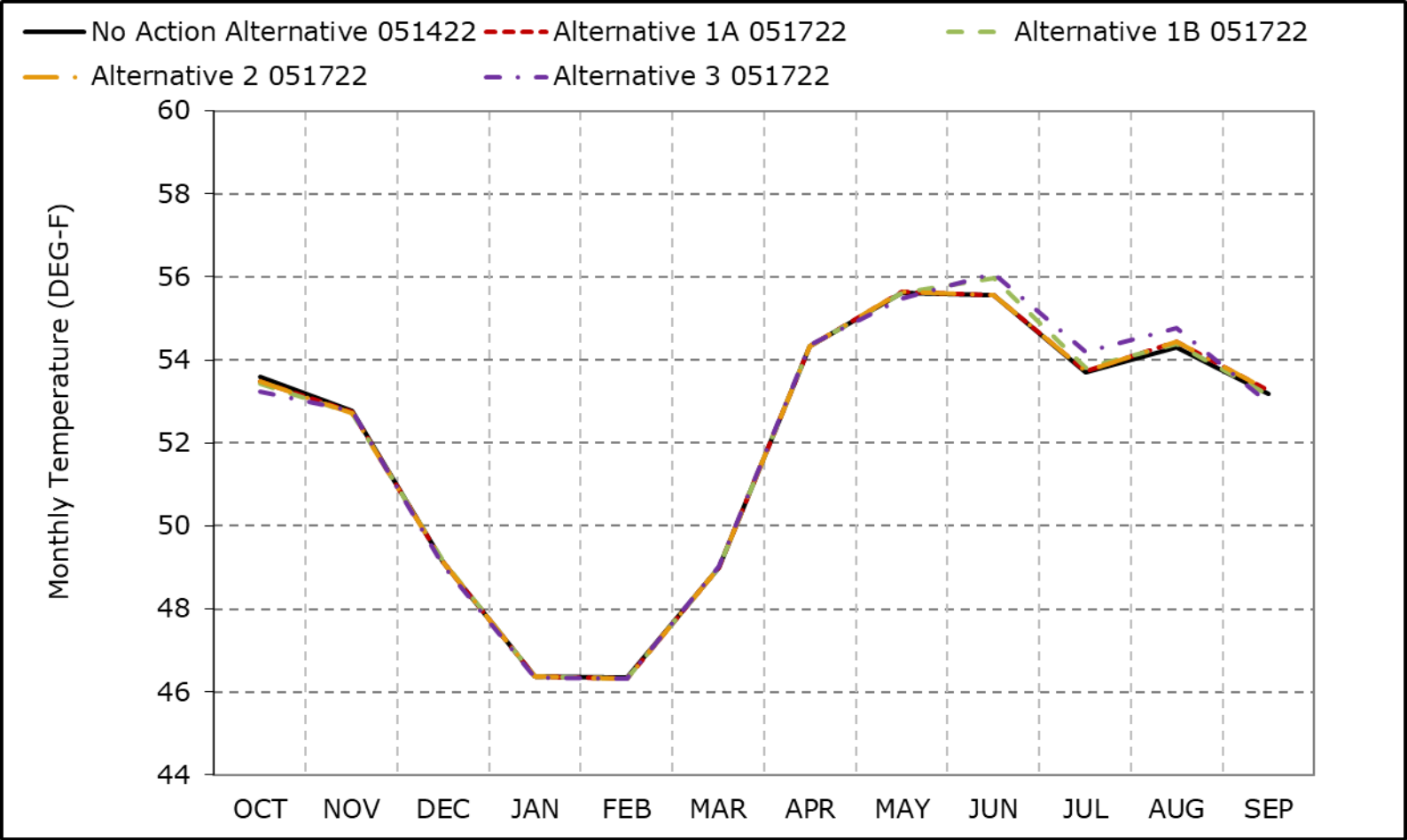


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

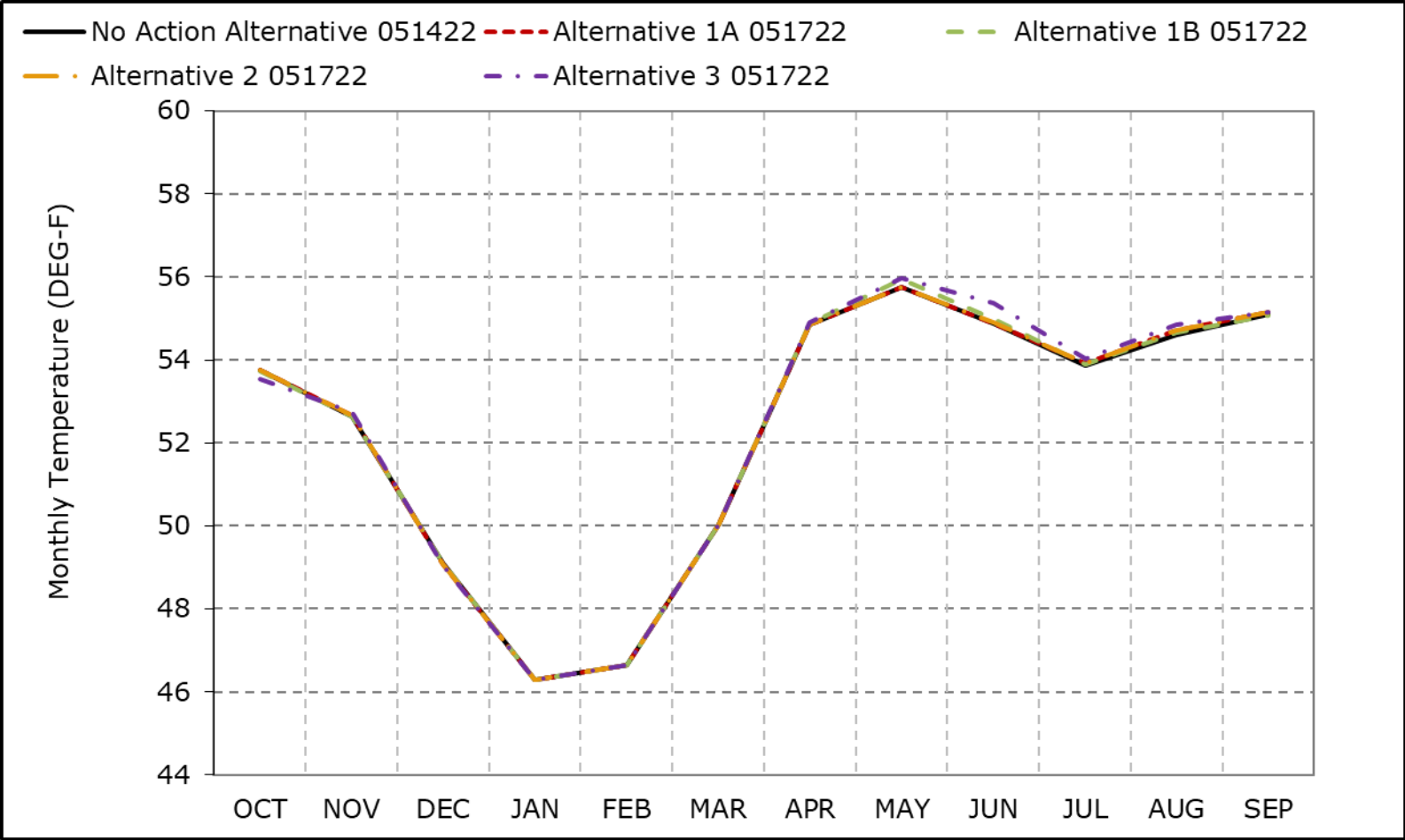
*All scenarios are simulated at current climate and 0 cm sea level rise.

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



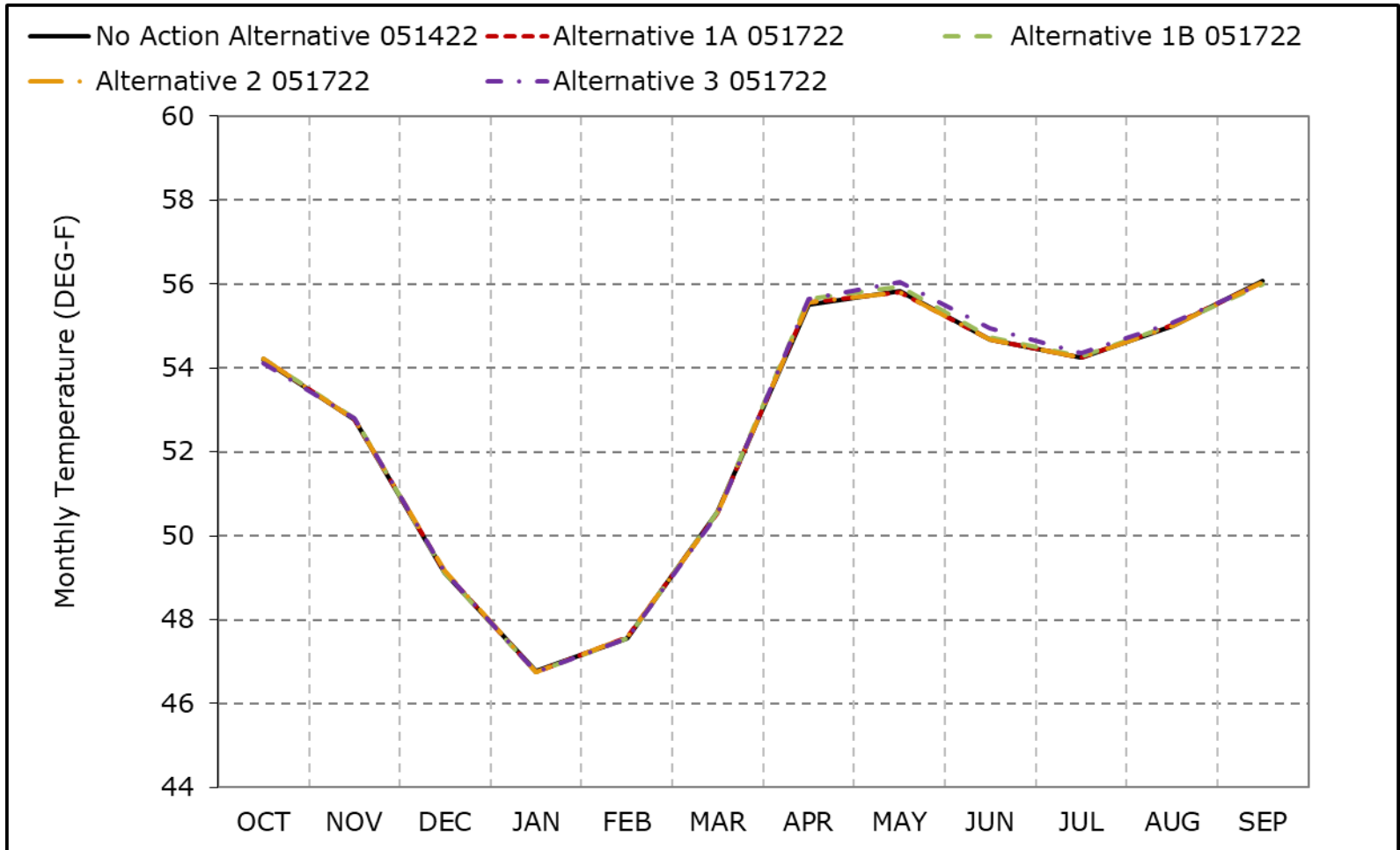
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
 *These results are displayed with calendar year - year type sorting.
 *All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-8-4. Sacramento River at Jellys Ferry, 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-8-5. Sacramento River at Jellys Ferry, Dry Year Average Temperature

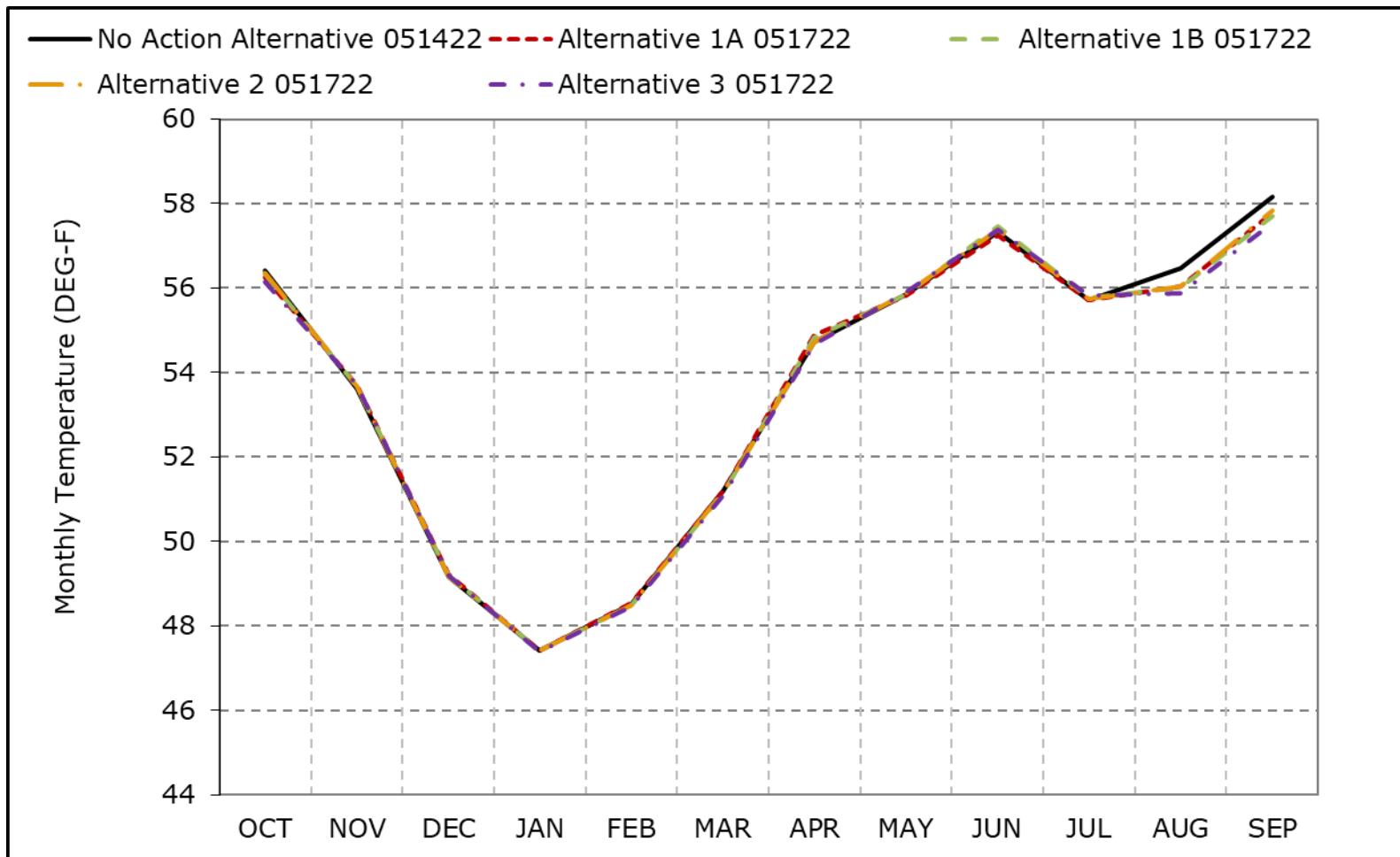


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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

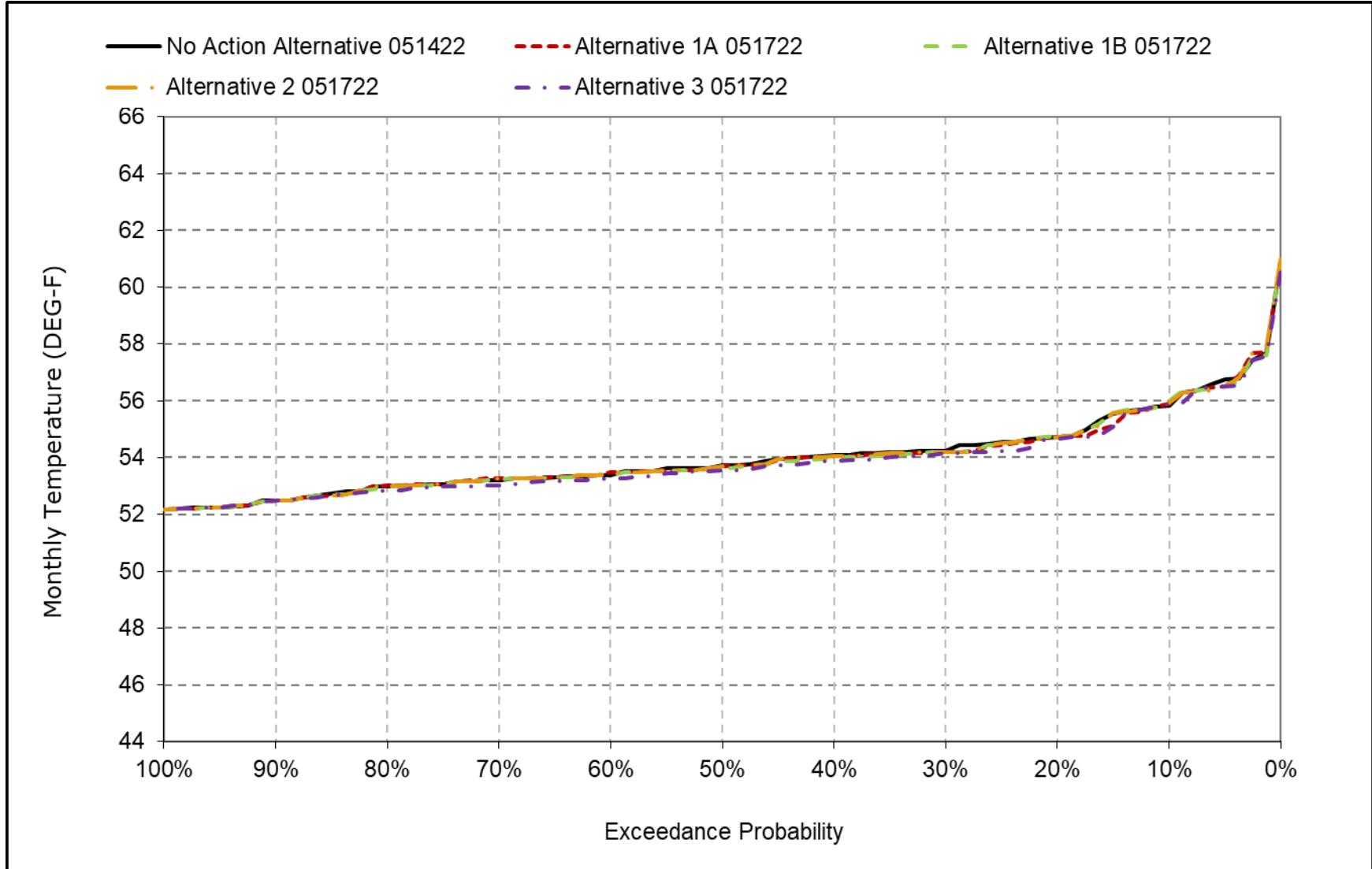


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

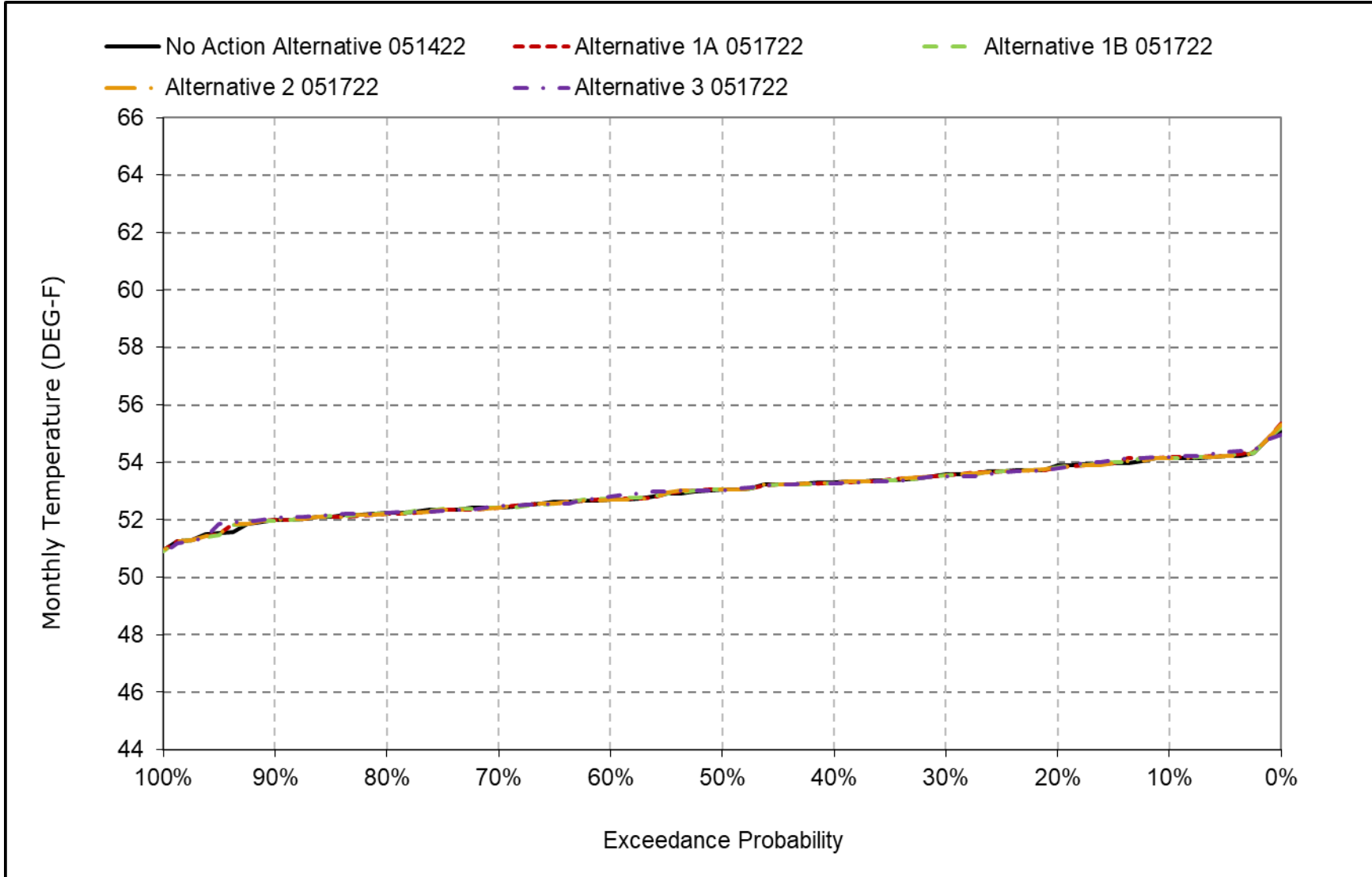
*All scenarios are simulated at current climate and 0 cm sea level rise.

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



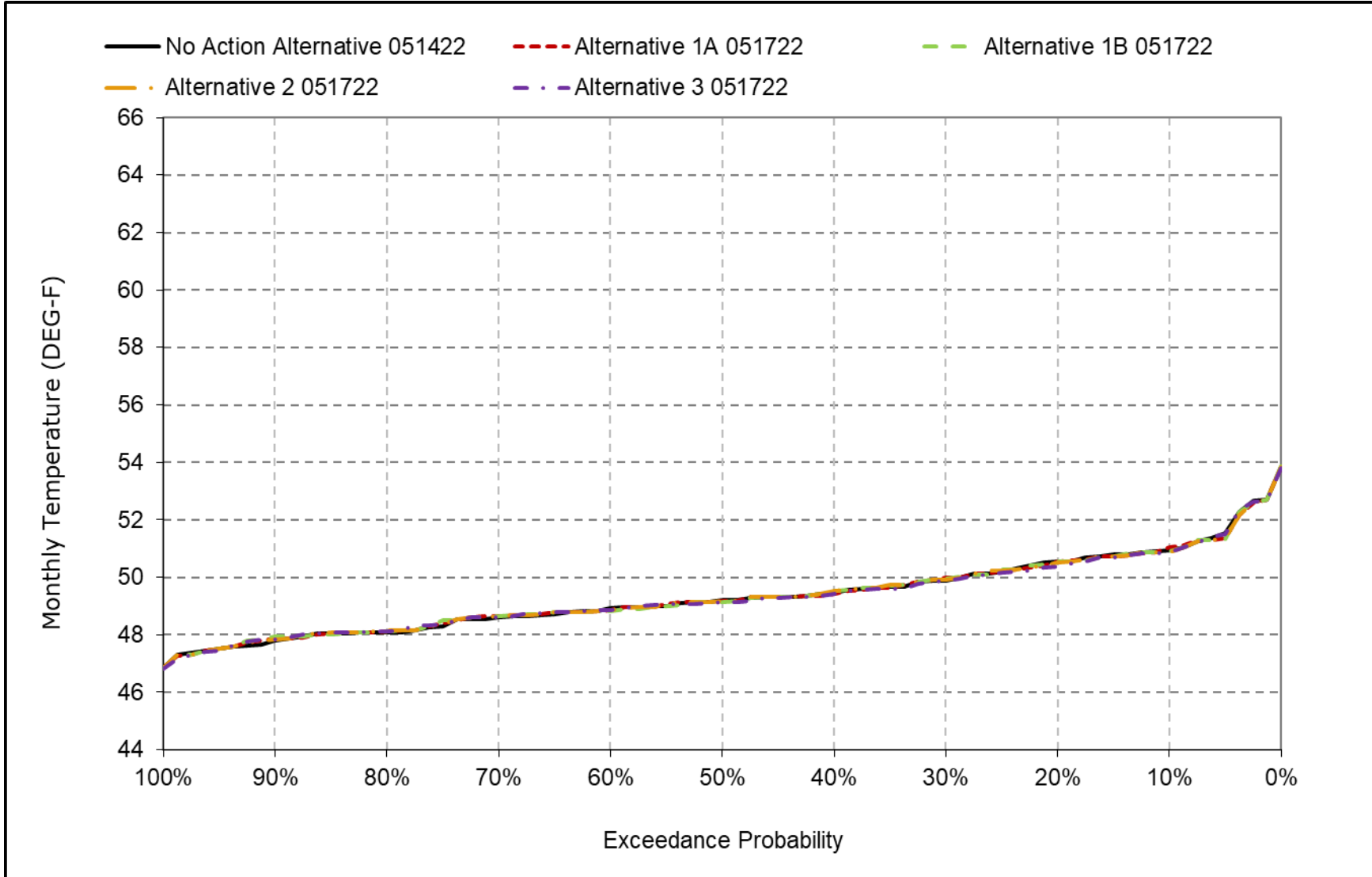
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



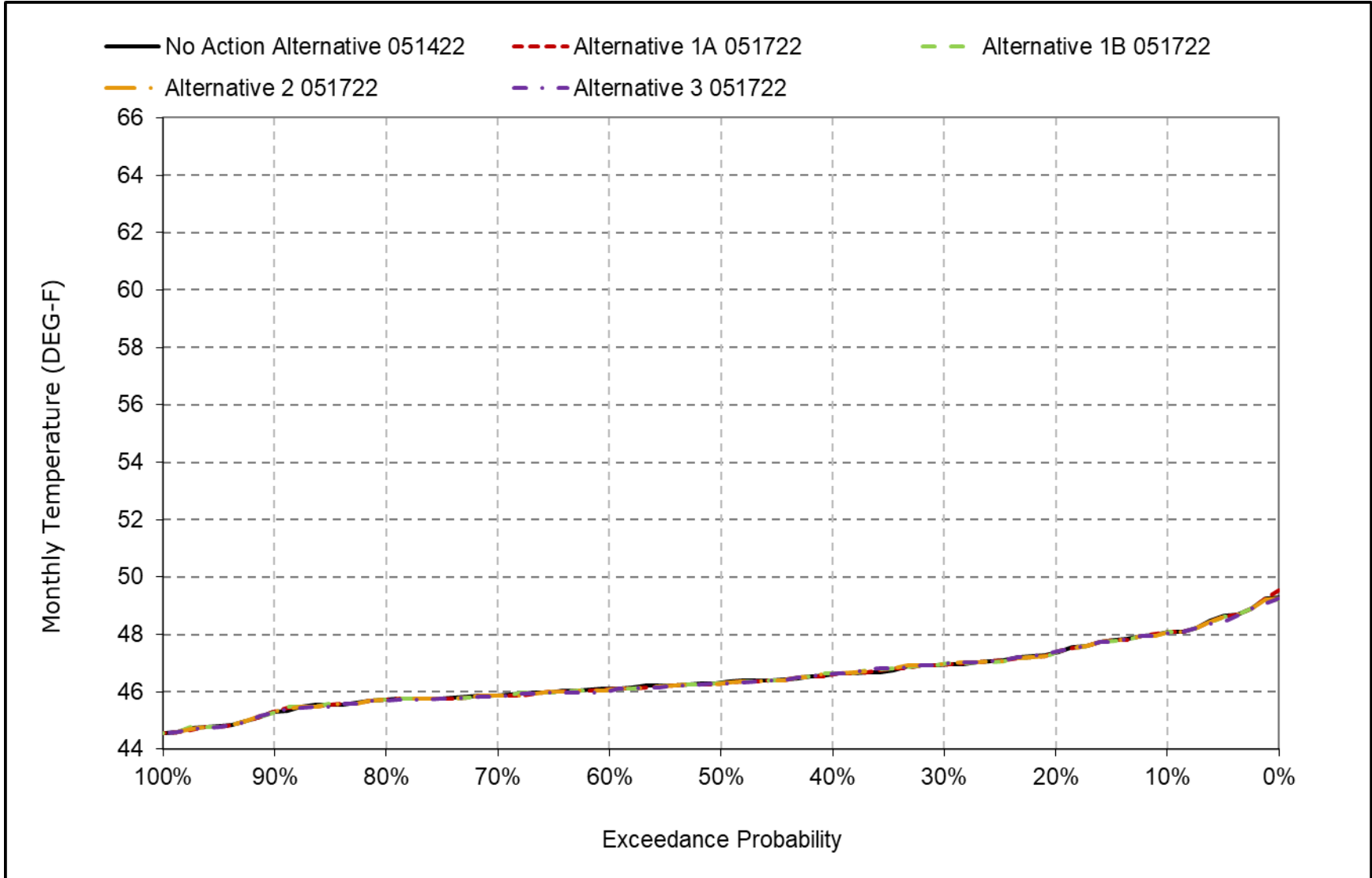
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



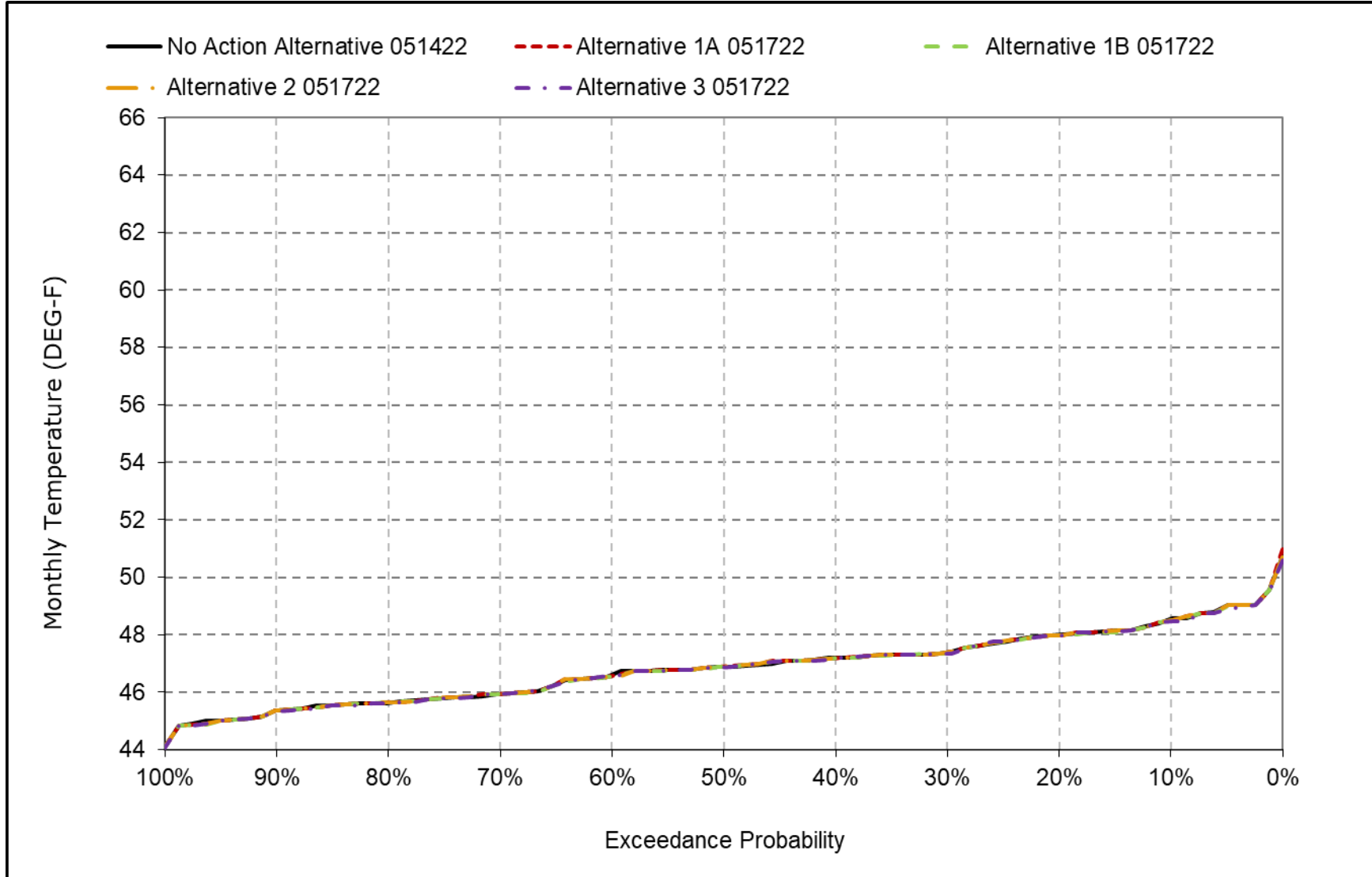
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



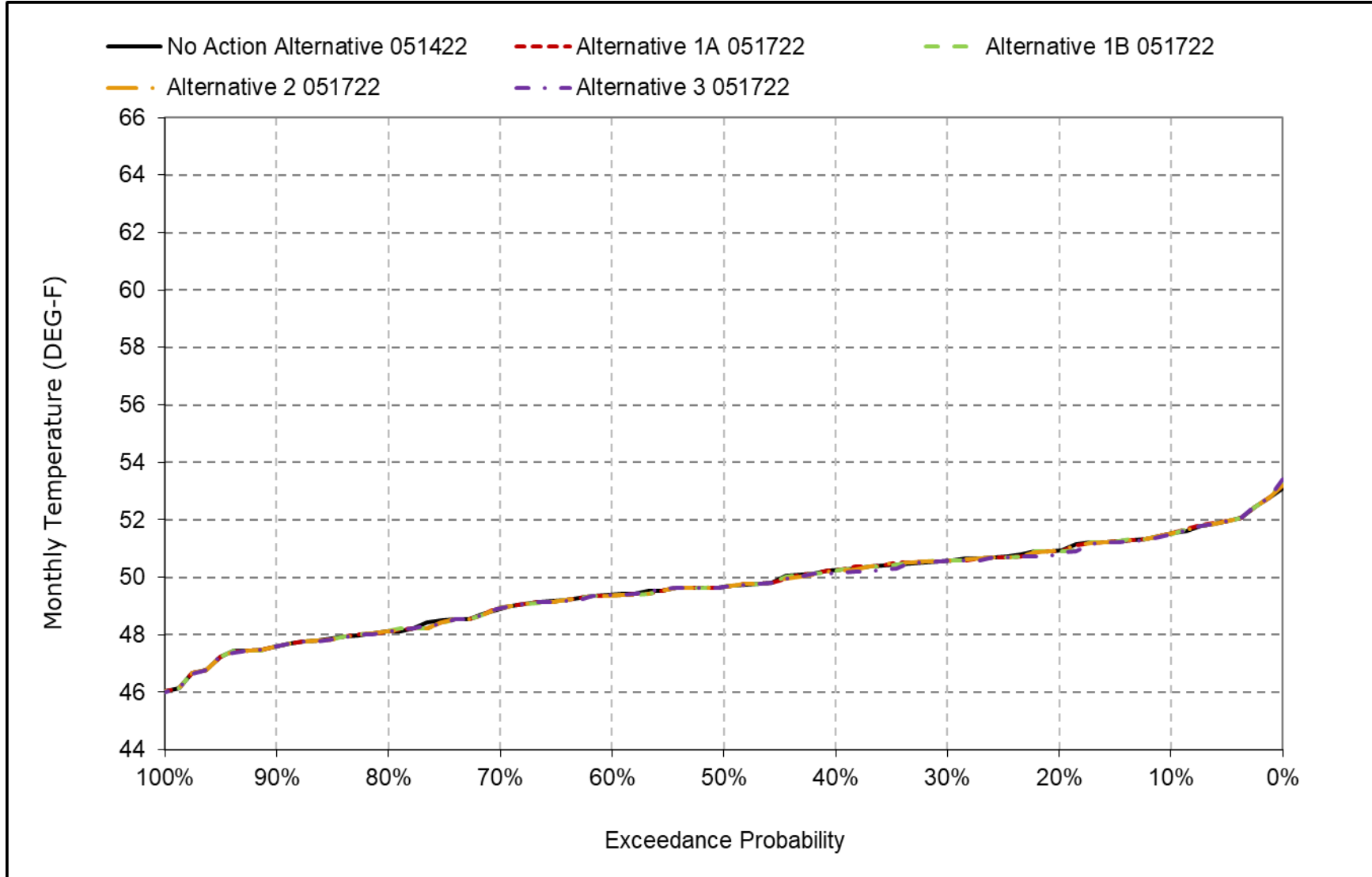
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



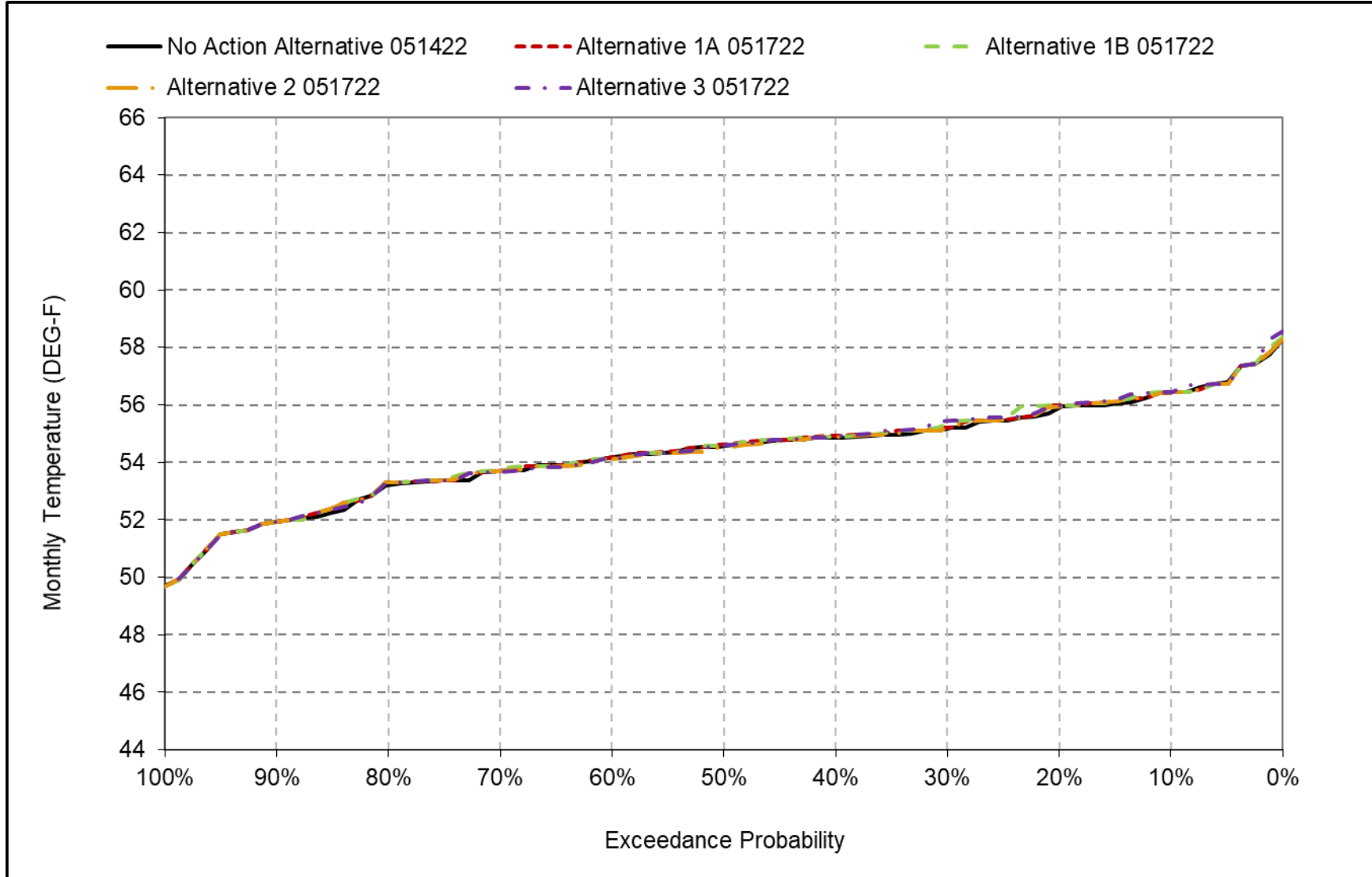
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



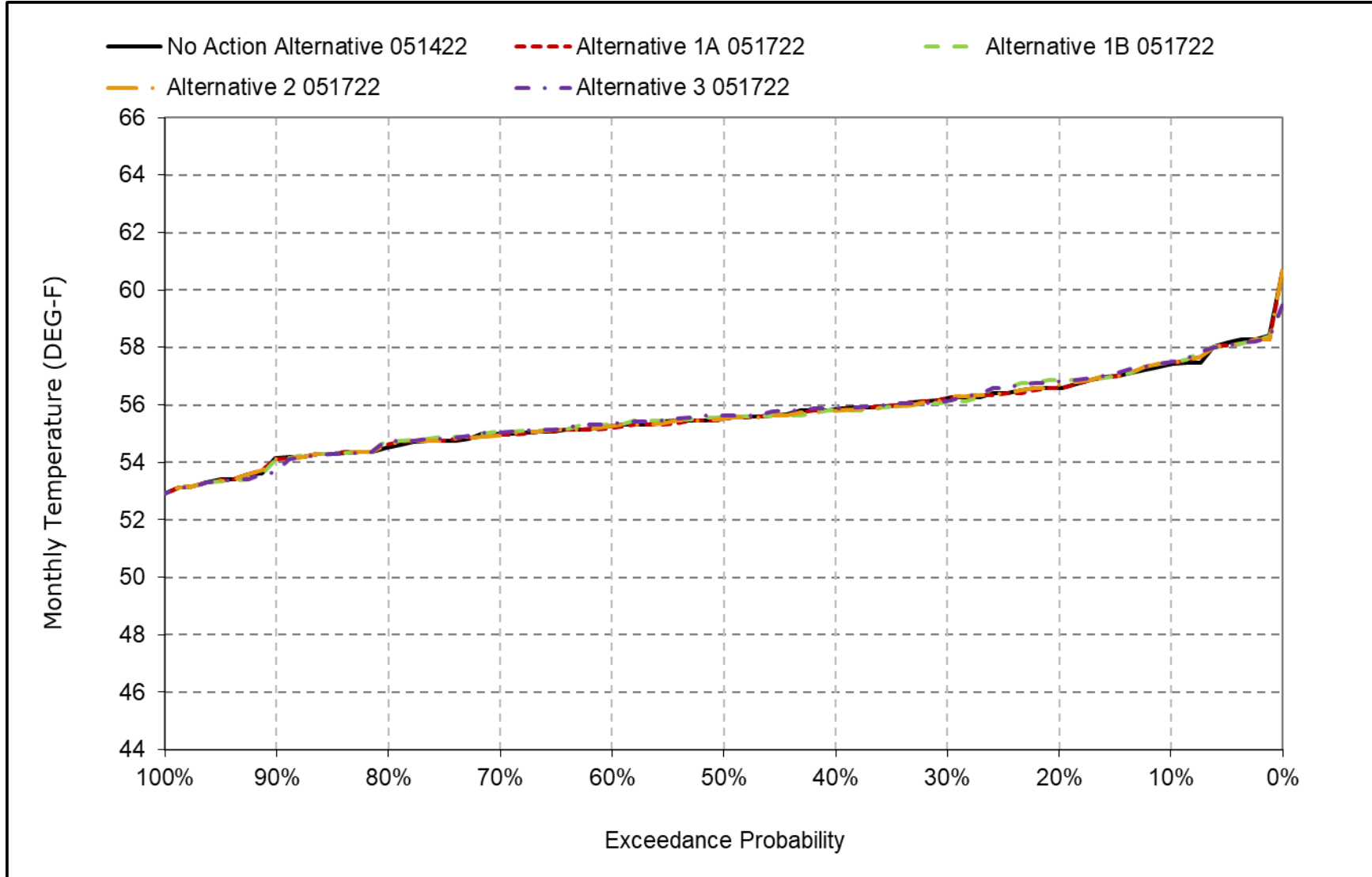
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



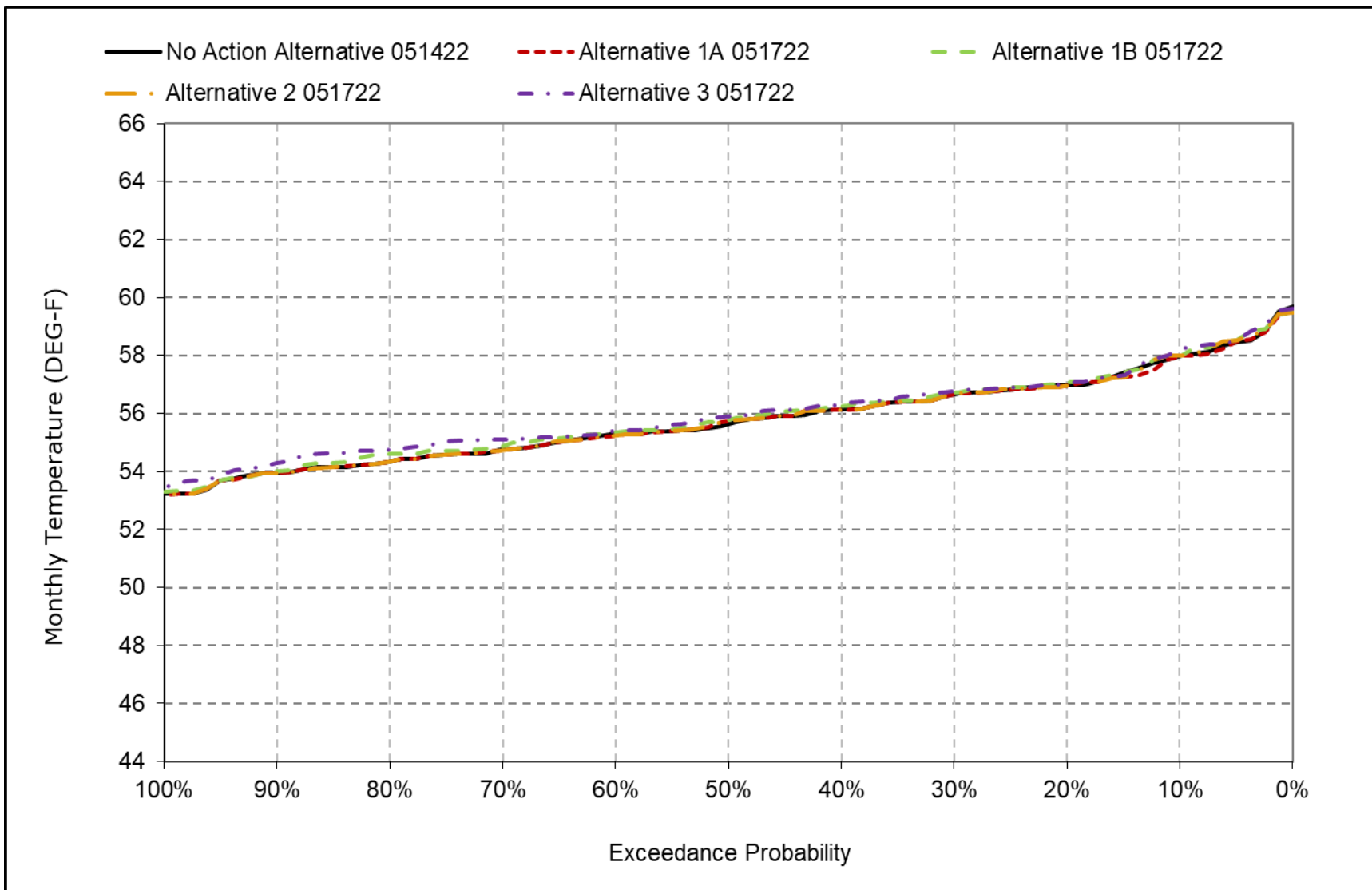
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



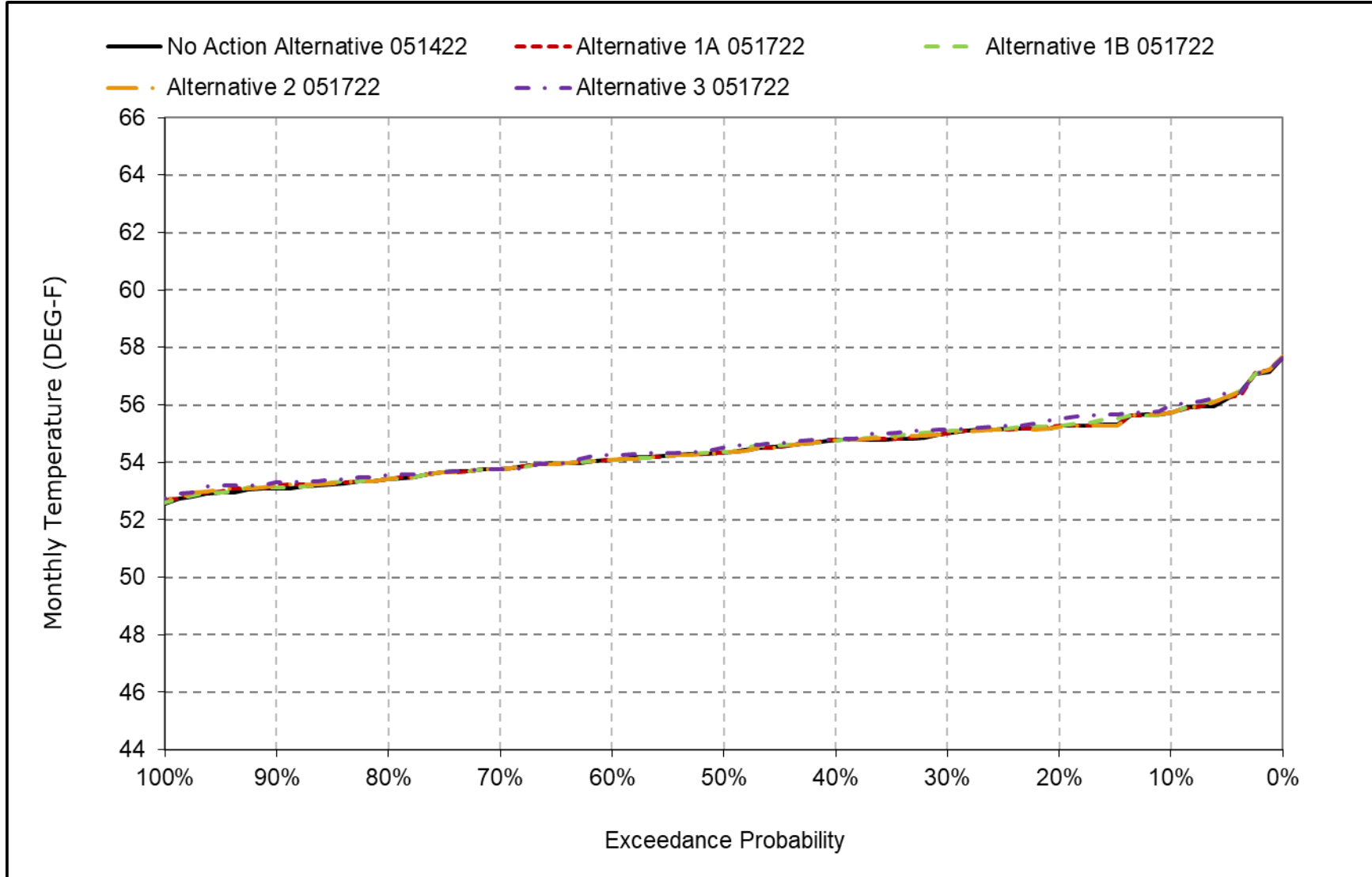
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



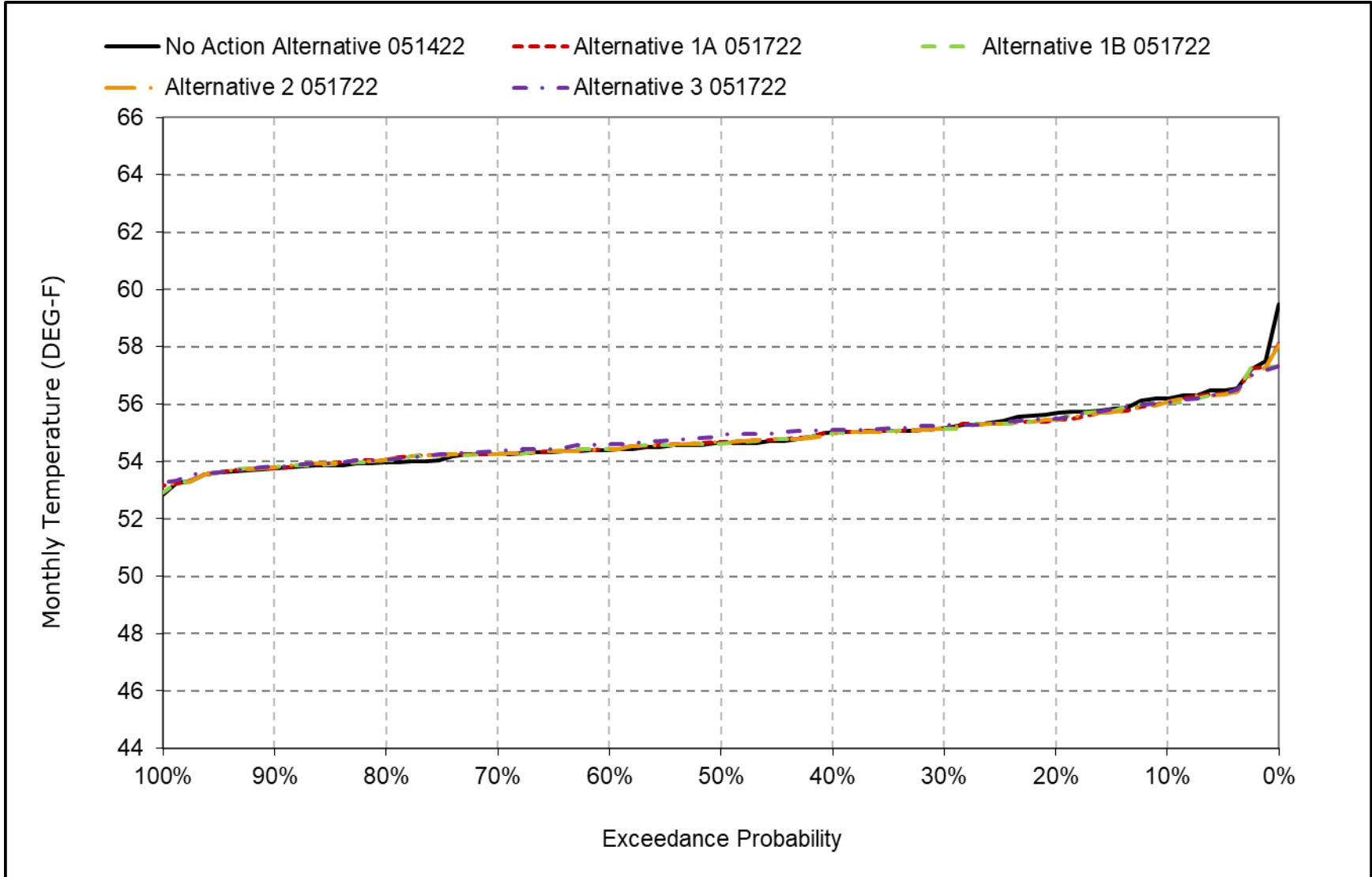
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



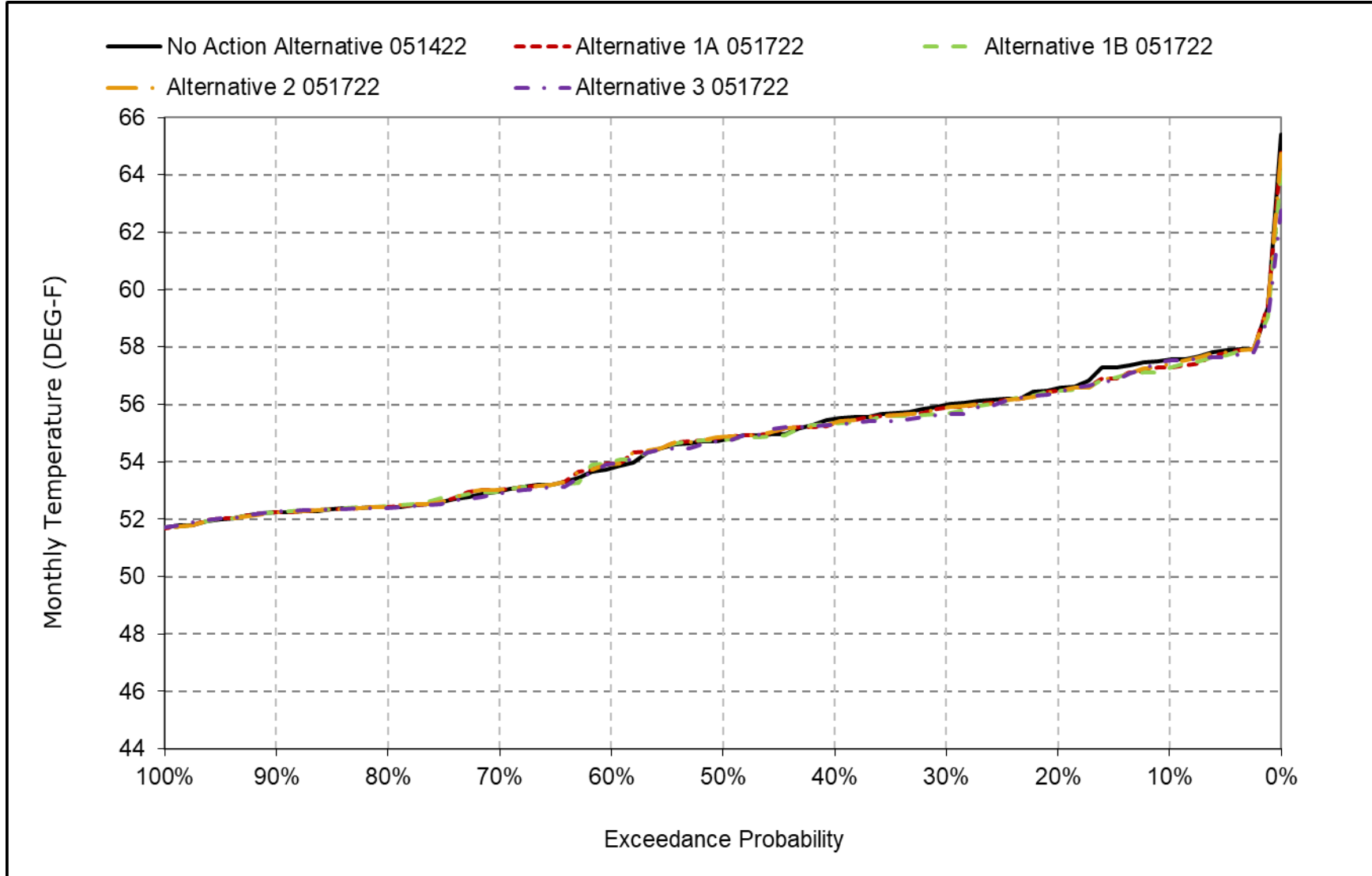
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	56.1	53.9	50.6	47.8	48.4	51.9	57.0	58.3	59.1	57.0	57.6	58.8
20% Exceedance	55.2	53.7	49.9	47.1	48.0	51.4	56.4	57.6	58.1	56.6	56.9	57.8
30% Exceedance	54.8	53.3	49.3	46.8	47.5	51.0	55.7	57.1	57.7	56.1	56.7	57.2
40% Exceedance	54.5	52.9	49.0	46.4	47.3	50.6	55.5	56.7	57.2	56.0	56.2	56.7
50% Exceedance	54.2	52.8	48.6	46.2	47.0	50.2	55.2	56.3	56.6	55.6	55.7	55.8
60% Exceedance	53.8	52.4	48.3	46.0	46.7	49.9	54.7	56.1	56.3	55.3	55.5	54.8
70% Exceedance	53.6	52.0	48.0	45.8	46.1	49.4	54.4	55.8	55.9	54.9	55.4	54.0
80% Exceedance	53.4	51.9	47.8	45.6	45.9	48.6	53.8	55.4	55.2	54.6	55.1	53.4
90% Exceedance	52.8	51.4	47.3	45.3	45.7	48.2	52.7	54.9	55.0	54.1	54.8	53.1
Full Simulation Period Average^a	54.4	52.7	48.9	46.4	47.0	50.1	54.9	56.4	56.8	55.6	56.1	55.8
Wet Water Years (32%)	53.5	52.9	49.4	46.1	46.2	48.9	53.7	56.1	57.4	55.8	55.5	53.8
Above Normal Years (15%)	54.0	52.5	48.7	46.3	46.5	49.5	54.9	56.5	56.6	54.8	55.5	54.1
Below Normal Years (17%)	54.2	52.4	48.6	46.1	46.8	50.5	55.5	56.6	55.9	55.0	55.8	56.2
Dry Years (22%)	54.7	52.4	48.6	46.5	47.6	51.0	56.0	56.7	55.7	55.5	56.3	57.3
Critical (15%)	56.7	53.2	48.7	47.1	48.6	51.6	55.4	56.7	58.3	57.1	57.7	59.2

Table 6C-9-1b. Sacramento River at Bend Bridge, Alternative 1A 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	56.2	54.0	50.6	47.8	48.5	51.9	57.0	58.4	59.1	57.1	57.5	58.6
20% Exceedance	55.3	53.7	49.8	47.1	48.0	51.3	56.5	57.5	58.1	56.5	56.9	57.7
30% Exceedance	54.7	53.3	49.3	46.7	47.5	51.0	55.8	57.1	57.7	56.2	56.5	57.2
40% Exceedance	54.5	53.0	49.0	46.4	47.3	50.6	55.5	56.6	57.2	56.0	56.2	56.5
50% Exceedance	54.1	52.8	48.5	46.2	47.0	50.3	55.2	56.3	56.6	55.6	55.8	55.9
60% Exceedance	53.9	52.4	48.3	46.0	46.7	49.9	54.7	56.1	56.2	55.3	55.6	54.9
70% Exceedance	53.6	52.0	48.0	45.8	46.2	49.4	54.4	55.8	55.8	54.9	55.4	54.1
80% Exceedance	53.4	51.8	47.8	45.6	45.9	48.6	53.8	55.4	55.2	54.6	55.2	53.4
90% Exceedance	52.8	51.4	47.3	45.3	45.7	48.2	52.6	54.9	54.9	54.1	54.7	53.1
Full Simulation Period Average^a	54.4	52.7	48.9	46.4	47.0	50.1	55.0	56.4	56.8	55.6	56.0	55.8
Wet Water Years (32%)	53.6	52.9	49.4	46.1	46.2	48.9	53.7	56.1	57.4	55.8	55.5	53.8
Above Normal Years (15%)	53.9	52.4	48.8	46.3	46.5	49.5	54.9	56.5	56.6	54.8	55.7	54.3
Below Normal Years (17%)	54.2	52.4	48.6	46.1	46.8	50.6	55.5	56.6	55.9	55.1	55.9	56.3
Dry Years (22%)	54.7	52.4	48.6	46.5	47.7	51.0	56.1	56.7	55.7	55.5	56.3	57.3
Critical (15%)	56.6	53.3	48.7	47.1	48.6	51.6	55.6	56.7	58.3	57.1	57.2	58.8

Table 6C-9-1c. Sacramento River at Bend Bridge, Alternative 1A 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1	-0.1	-0.2
20% Exceedance	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	-0.1	0.0	-0.1	0.0	-0.1
30% Exceedance	-0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	-0.2	0.0
40% Exceedance	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
50% Exceedance	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
60% Exceedance	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
70% Exceedance	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
80% Exceedance	0.0	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
90% Exceedance	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (15%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Below Normal Years (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Dry Years (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%)	-0.2	0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	-0.5	-0.4

^a Based on the 82-year simulation period.

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

* 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.

Table 6C-9-2a. Sacramento River at Bend Bridge, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	56.1	53.9	50.6	47.8	48.4	51.9	57.0	58.3	59.1	57.0	57.6	58.8
20% Exceedance	55.2	53.7	49.9	47.1	48.0	51.4	56.4	57.6	58.1	56.6	56.9	57.8
30% Exceedance	54.8	53.3	49.3	46.8	47.5	51.0	55.7	57.1	57.7	56.1	56.7	57.2
40% Exceedance	54.5	52.9	49.0	46.4	47.3	50.6	55.5	56.7	57.2	56.0	56.2	56.7
50% Exceedance	54.2	52.8	48.6	46.2	47.0	50.2	55.2	56.3	56.6	55.6	55.7	55.8
60% Exceedance	53.8	52.4	48.3	46.0	46.7	49.9	54.7	56.1	56.3	55.3	55.5	54.8
70% Exceedance	53.6	52.0	48.0	45.8	46.1	49.4	54.4	55.8	55.9	54.9	55.4	54.0
80% Exceedance	53.4	51.9	47.8	45.6	45.9	48.6	53.8	55.4	55.2	54.6	55.1	53.4
90% Exceedance	52.8	51.4	47.3	45.3	45.7	48.2	52.7	54.9	55.0	54.1	54.8	53.1
Full Simulation Period Average^a	54.4	52.7	48.9	46.4	47.0	50.1	54.9	56.4	56.8	55.6	56.1	55.8
Wet Water Years (32%)	53.5	52.9	49.4	46.1	46.2	48.9	53.7	56.1	57.4	55.8	55.5	53.8
Above Normal Years (15%)	54.0	52.5	48.7	46.3	46.5	49.5	54.9	56.5	56.6	54.8	55.5	54.1
Below Normal Years (17%)	54.2	52.4	48.6	46.1	46.8	50.5	55.5	56.6	55.9	55.0	55.8	56.2
Dry Years (22%)	54.7	52.4	48.6	46.5	47.6	51.0	56.0	56.7	55.7	55.5	56.3	57.3
Critical (15%)	56.7	53.2	48.7	47.1	48.6	51.6	55.4	56.7	58.3	57.1	57.7	59.2

Table 6C-9-2b. Sacramento River at Bend Bridge, Alternative 1B 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	56.3	53.9	50.6	47.8	48.4	51.9	57.0	58.3	59.2	57.2	57.5	58.6
20% Exceedance	55.3	53.7	49.9	47.1	48.0	51.4	56.6	57.7	58.1	56.6	56.9	57.6
30% Exceedance	54.7	53.3	49.3	46.7	47.5	51.0	55.8	57.0	57.8	56.3	56.6	57.1
40% Exceedance	54.4	53.0	49.0	46.4	47.3	50.6	55.5	56.5	57.3	56.0	56.2	56.6
50% Exceedance	54.1	52.8	48.6	46.2	47.0	50.3	55.2	56.4	56.8	55.6	55.9	55.8
60% Exceedance	53.8	52.4	48.2	46.0	46.7	49.9	54.7	56.2	56.4	55.2	55.6	55.0
70% Exceedance	53.6	52.0	48.0	45.8	46.2	49.4	54.4	55.8	56.0	54.9	55.4	54.1
80% Exceedance	53.3	51.8	47.8	45.6	45.9	48.6	53.8	55.4	55.6	54.6	55.2	53.4
90% Exceedance	52.8	51.5	47.4	45.3	45.7	48.1	52.6	54.9	55.1	54.1	54.8	53.1
Full Simulation Period Average^a	54.4	52.7	48.9	46.4	47.0	50.1	55.0	56.5	56.9	55.7	56.0	55.8
Wet Water Years (32%)	53.5	52.9	49.4	46.1	46.2	48.9	53.7	55.9	57.4	55.8	55.6	53.8
Above Normal Years (15%)	53.9	52.4	48.8	46.3	46.5	49.5	54.9	56.4	57.0	54.9	55.6	54.1
Below Normal Years (17%)	54.1	52.4	48.6	46.1	46.8	50.6	55.5	56.8	56.0	55.0	55.8	56.2
Dry Years (22%)	54.7	52.5	48.6	46.5	47.6	51.0	56.2	56.8	55.8	55.5	56.3	57.3
Critical (15%)	56.6	53.2	48.7	47.1	48.5	51.5	55.5	56.7	58.5	57.1	57.2	58.7

Table 6C-9-2c. Sacramento River at Bend Bridge, Alternative 1B 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	-0.2	-0.2
20% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	-0.2
30% Exceedance	-0.2	0.0	0.0	0.0	0.0	0.0	0.2	-0.1	0.1	0.2	-0.1	-0.2
40% Exceedance	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.0	-0.1
50% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.0
60% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.2
70% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1
80% Exceedance	-0.1	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.1	0.0
90% Exceedance	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	-0.1
Wet Water Years (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
Above Normal Years (15%)	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.1	0.0
Below Normal Years (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0
Dry Years (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	-0.1
Critical (15%)	-0.1	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.2	0.0	-0.5	-0.5

^a Based on the 82-year simulation period.

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

* 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.

Table 6C-9-3a. Sacramento River at Bend Bridge, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	56.1	53.9	50.6	47.8	48.4	51.9	57.0	58.3	59.1	57.0	57.6	58.8
20% Exceedance	55.2	53.7	49.9	47.1	48.0	51.4	56.4	57.6	58.1	56.6	56.9	57.8
30% Exceedance	54.8	53.3	49.3	46.8	47.5	51.0	55.7	57.1	57.7	56.1	56.7	57.2
40% Exceedance	54.5	52.9	49.0	46.4	47.3	50.6	55.5	56.7	57.2	56.0	56.2	56.7
50% Exceedance	54.2	52.8	48.6	46.2	47.0	50.2	55.2	56.3	56.6	55.6	55.7	55.8
60% Exceedance	53.8	52.4	48.3	46.0	46.7	49.9	54.7	56.1	56.3	55.3	55.5	54.8
70% Exceedance	53.6	52.0	48.0	45.8	46.1	49.4	54.4	55.8	55.9	54.9	55.4	54.0
80% Exceedance	53.4	51.9	47.8	45.6	45.9	48.6	53.8	55.4	55.2	54.6	55.1	53.4
90% Exceedance	52.8	51.4	47.3	45.3	45.7	48.2	52.7	54.9	55.0	54.1	54.8	53.1
Full Simulation Period Average^a	54.4	52.7	48.9	46.4	47.0	50.1	54.9	56.4	56.8	55.6	56.1	55.8
Wet Water Years (32%)	53.5	52.9	49.4	46.1	46.2	48.9	53.7	56.1	57.4	55.8	55.5	53.8
Above Normal Years (15%)	54.0	52.5	48.7	46.3	46.5	49.5	54.9	56.5	56.6	54.8	55.5	54.1
Below Normal Years (17%)	54.2	52.4	48.6	46.1	46.8	50.5	55.5	56.6	55.9	55.0	55.8	56.2
Dry Years (22%)	54.7	52.4	48.6	46.5	47.6	51.0	56.0	56.7	55.7	55.5	56.3	57.3
Critical (15%)	56.7	53.2	48.7	47.1	48.6	51.6	55.4	56.7	58.3	57.1	57.7	59.2

Table 6C-9-3b. Sacramento River at Bend Bridge, Alternative 2 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	56.2	53.9	50.6	47.8	48.5	51.9	57.0	58.4	59.2	57.1	57.5	58.7
20% Exceedance	55.3	53.7	49.8	47.1	48.0	51.3	56.5	57.6	58.1	56.5	56.9	57.7
30% Exceedance	54.7	53.3	49.3	46.7	47.5	51.0	55.7	57.1	57.7	56.2	56.6	57.2
40% Exceedance	54.5	53.0	49.0	46.4	47.3	50.6	55.4	56.6	57.2	56.0	56.2	56.5
50% Exceedance	54.1	52.8	48.6	46.2	47.0	50.3	55.1	56.4	56.6	55.6	55.8	55.9
60% Exceedance	53.9	52.4	48.3	46.0	46.7	49.9	54.7	56.1	56.2	55.3	55.6	54.9
70% Exceedance	53.6	52.0	48.0	45.8	46.2	49.4	54.4	55.8	55.9	54.9	55.4	54.1
80% Exceedance	53.4	51.8	47.8	45.6	45.9	48.6	53.8	55.4	55.2	54.6	55.2	53.4
90% Exceedance	52.8	51.5	47.3	45.3	45.6	48.2	52.6	54.9	54.9	54.1	54.8	53.1
Full Simulation Period Average^a	54.4	52.7	48.9	46.4	47.0	50.1	55.0	56.4	56.8	55.6	56.0	55.8
Wet Water Years (32%)	53.6	52.9	49.4	46.1	46.2	48.9	53.7	56.1	57.4	55.8	55.5	53.8
Above Normal Years (15%)	53.9	52.4	48.8	46.3	46.5	49.5	54.9	56.5	56.6	54.8	55.7	54.3
Below Normal Years (17%)	54.2	52.4	48.6	46.1	46.8	50.5	55.5	56.6	55.9	55.1	55.9	56.3
Dry Years (22%)	54.7	52.4	48.6	46.5	47.7	51.0	56.1	56.6	55.7	55.5	56.3	57.3
Critical (15%)	56.7	53.2	48.7	47.1	48.5	51.6	55.4	56.7	58.4	57.1	57.2	58.9

Table 6C-9-3c. Sacramento River at Bend Bridge, Alternative 2 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	-0.1	-0.1
20% Exceedance	0.0	0.0	-0.1	0.0	0.0	-0.1	0.1	0.0	0.0	-0.1	0.0	-0.1
30% Exceedance	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
40% Exceedance	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2
50% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	0.1
60% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
70% Exceedance	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1
80% Exceedance	0.0	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
90% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (15%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1
Below Normal Years (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Dry Years (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%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.5	-0.4

^a Based on the 82-year simulation period.

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

* 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.

Table 6C-9-4a. Sacramento River at Bend Bridge, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	56.1	53.9	50.6	47.8	48.4	51.9	57.0	58.3	59.1	57.0	57.6	58.8
20% Exceedance	55.2	53.7	49.9	47.1	48.0	51.4	56.4	57.6	58.1	56.6	56.9	57.8
30% Exceedance	54.8	53.3	49.3	46.8	47.5	51.0	55.7	57.1	57.7	56.1	56.7	57.2
40% Exceedance	54.5	52.9	49.0	46.4	47.3	50.6	55.5	56.7	57.2	56.0	56.2	56.7
50% Exceedance	54.2	52.8	48.6	46.2	47.0	50.2	55.2	56.3	56.6	55.6	55.7	55.8
60% Exceedance	53.8	52.4	48.3	46.0	46.7	49.9	54.7	56.1	56.3	55.3	55.5	54.8
70% Exceedance	53.6	52.0	48.0	45.8	46.1	49.4	54.4	55.8	55.9	54.9	55.4	54.0
80% Exceedance	53.4	51.9	47.8	45.6	45.9	48.6	53.8	55.4	55.2	54.6	55.1	53.4
90% Exceedance	52.8	51.4	47.3	45.3	45.7	48.2	52.7	54.9	55.0	54.1	54.8	53.1
Full Simulation Period Average^a	54.4	52.7	48.9	46.4	47.0	50.1	54.9	56.4	56.8	55.6	56.1	55.8
Wet Water Years (32%)	53.5	52.9	49.4	46.1	46.2	48.9	53.7	56.1	57.4	55.8	55.5	53.8
Above Normal Years (15%)	54.0	52.5	48.7	46.3	46.5	49.5	54.9	56.5	56.6	54.8	55.5	54.1
Below Normal Years (17%)	54.2	52.4	48.6	46.1	46.8	50.5	55.5	56.6	55.9	55.0	55.8	56.2
Dry Years (22%)	54.7	52.4	48.6	46.5	47.6	51.0	56.0	56.7	55.7	55.5	56.3	57.3
Critical (15%)	56.7	53.2	48.7	47.1	48.6	51.6	55.4	56.7	58.3	57.1	57.7	59.2

Table 6C-9-4b. Sacramento River at Bend Bridge, Alternative 3 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	56.1	54.0	50.6	47.7	48.5	51.9	57.1	58.4	59.3	57.4	57.4	58.6
20% Exceedance	55.2	53.7	49.7	47.1	48.0	51.3	56.5	57.7	58.2	56.7	57.0	57.6
30% Exceedance	54.6	53.2	49.2	46.7	47.5	51.0	55.9	57.0	57.8	56.4	56.6	57.0
40% Exceedance	54.4	53.0	48.9	46.4	47.3	50.6	55.5	56.7	57.4	56.0	56.3	56.6
50% Exceedance	53.9	52.7	48.5	46.2	47.0	50.3	55.2	56.5	56.9	55.8	56.1	55.7
60% Exceedance	53.7	52.4	48.3	46.0	46.7	49.9	54.7	56.2	56.5	55.4	55.8	54.9
70% Exceedance	53.5	52.0	48.1	45.8	46.2	49.4	54.3	55.8	56.1	55.0	55.5	53.9
80% Exceedance	53.2	51.9	47.9	45.6	45.9	48.6	53.8	55.4	55.9	54.7	55.2	53.3
90% Exceedance	52.8	51.6	47.3	45.3	45.6	48.1	52.6	54.6	55.3	54.4	54.9	53.1
Full Simulation Period Average^a	54.3	52.7	48.9	46.3	47.0	50.1	55.0	56.5	57.1	55.8	56.1	55.7
Wet Water Years (32%)	53.6	52.9	49.4	46.1	46.2	48.9	53.7	56.0	57.4	55.8	55.6	53.8
Above Normal Years (15%)	53.6	52.5	48.7	46.3	46.5	49.5	54.9	56.3	57.2	55.3	56.0	53.9
Below Normal Years (17%)	53.9	52.5	48.6	46.1	46.8	50.5	55.5	56.8	56.4	55.2	56.1	56.3
Dry Years (22%)	54.6	52.5	48.6	46.5	47.6	51.0	56.2	56.9	56.0	55.6	56.4	57.3
Critical (15%)	56.5	53.2	48.7	47.1	48.5	51.5	55.4	56.7	58.4	57.2	57.1	58.6

Table 6C-9-4c. Sacramento River at Bend Bridge, Alternative 3 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.4	-0.3	-0.2
20% Exceedance	-0.1	0.0	-0.1	0.0	0.0	-0.1	0.1	0.1	0.1	0.1	0.0	-0.2
30% Exceedance	-0.3	-0.1	-0.1	-0.1	0.0	0.0	0.2	-0.1	0.1	0.3	-0.1	-0.2
40% Exceedance	-0.1	0.1	-0.1	0.0	0.0	-0.1	0.0	0.0	0.3	0.1	0.1	-0.1
50% Exceedance	-0.3	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.3	0.0
60% Exceedance	-0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.2	0.1
70% Exceedance	-0.1	0.1	0.0	0.0	0.0	0.0	-0.1	0.1	0.2	0.0	0.2	-0.1
80% Exceedance	-0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.6	0.1	0.2	0.0
90% Exceedance	0.0	0.2	0.0	0.0	-0.1	0.0	0.0	-0.3	0.3	0.3	0.1	0.0
Full Simulation Period Average^a	-0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.2	0.1	-0.1
Wet Water Years (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
Above Normal Years (15%)	-0.4	0.0	-0.1	0.0	0.0	0.0	0.0	-0.2	0.6	0.6	0.5	-0.2
Below Normal Years (17%)	-0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.2	0.3	0.1
Dry Years (22%)	-0.1	0.0	0.0	0.0	0.0	-0.1	0.1	0.2	0.3	0.1	0.1	-0.1
Critical (15%)	-0.3	0.1	0.0	0.0	0.0	-0.1	0.0	0.1	0.1	0.1	-0.6	-0.6

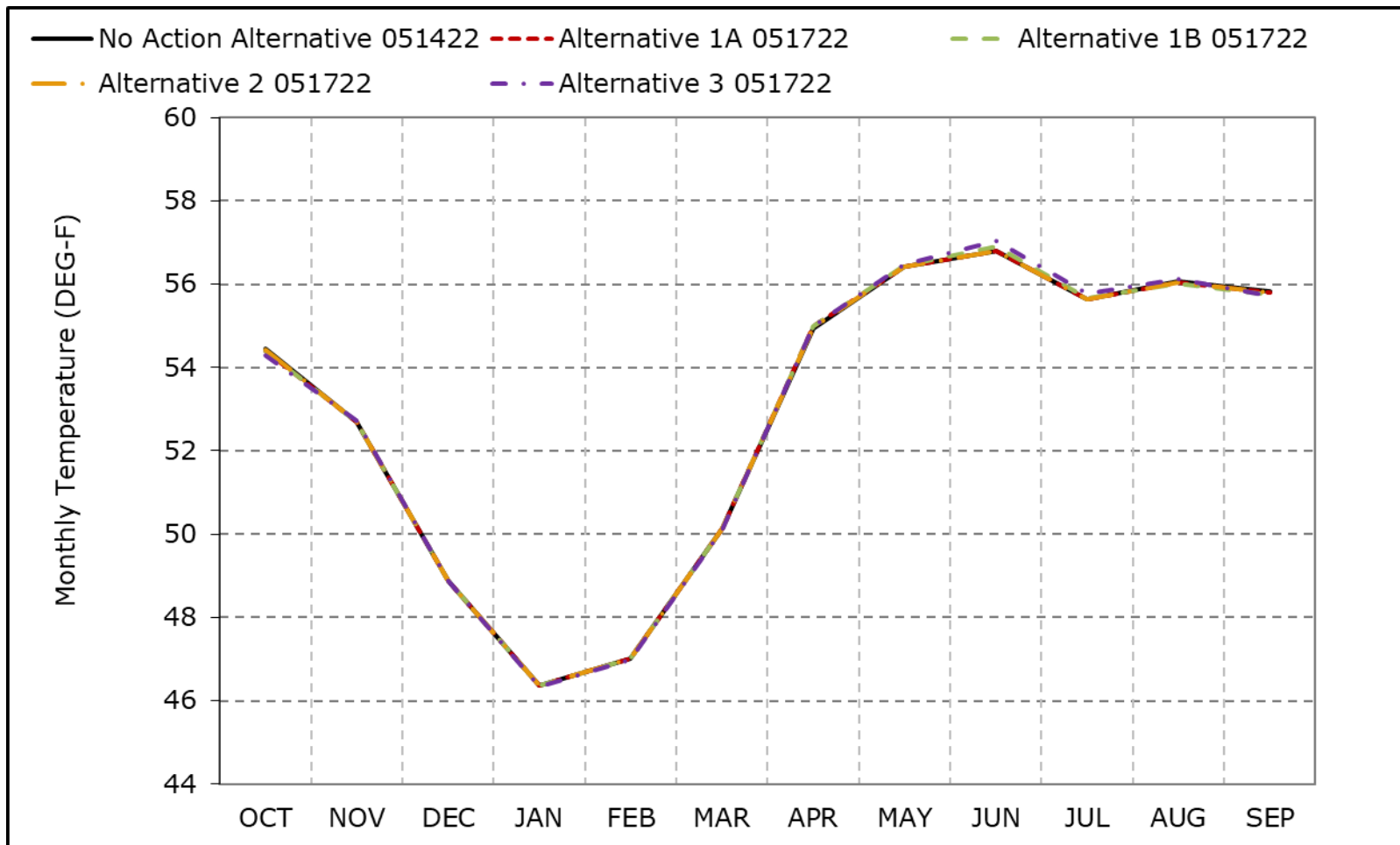
^a Based on the 82-year simulation period.

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

* 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.

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

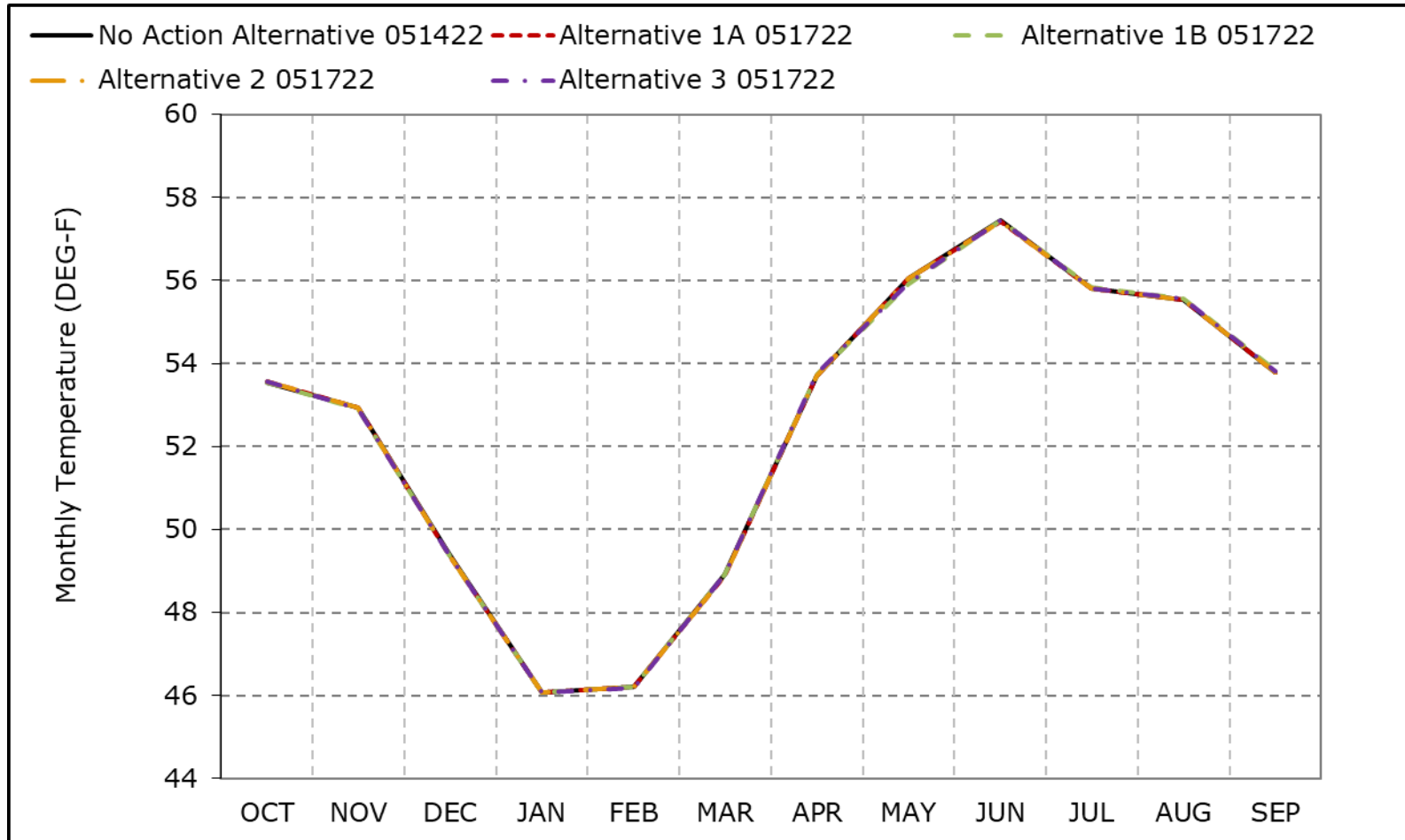


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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

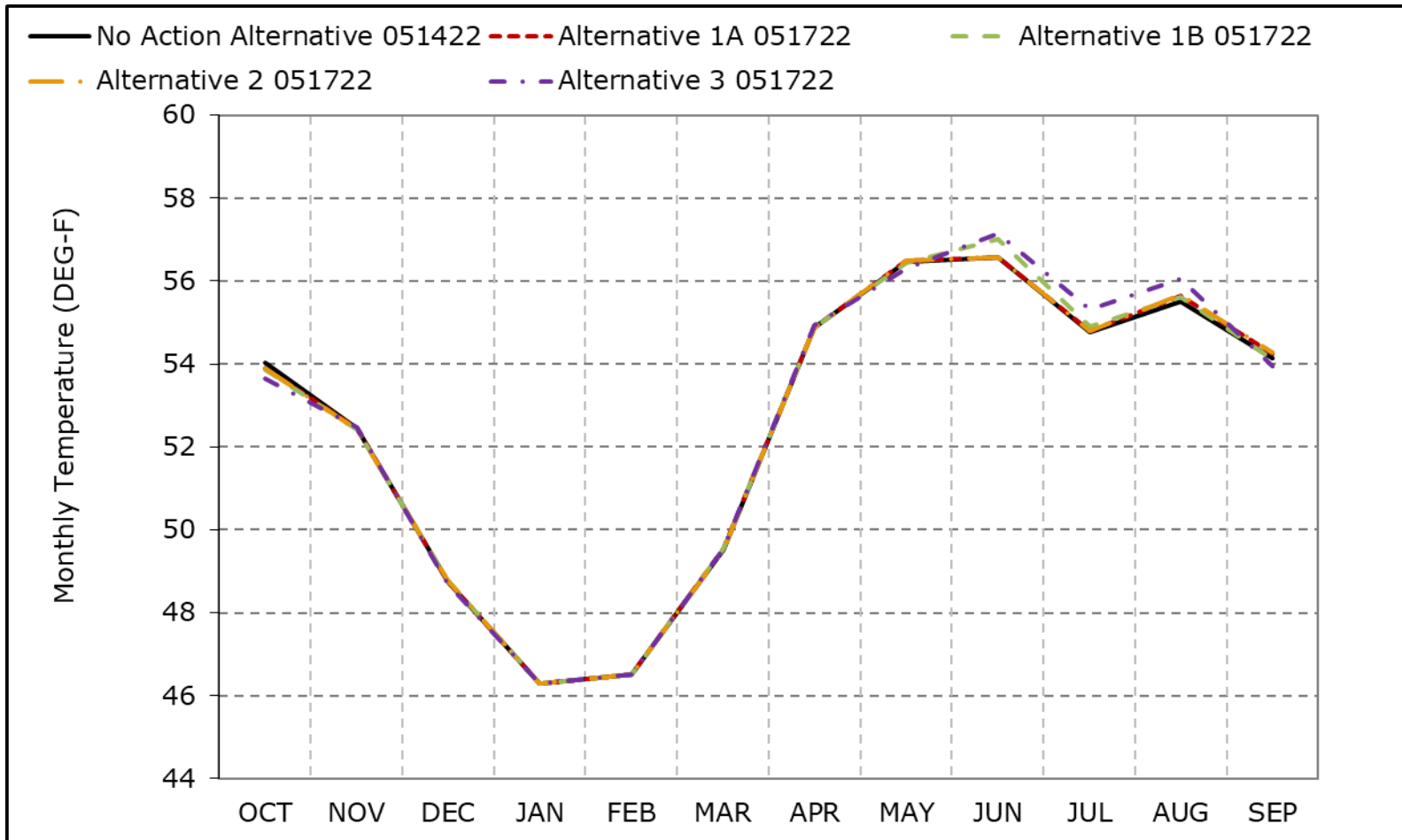


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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 Temperature

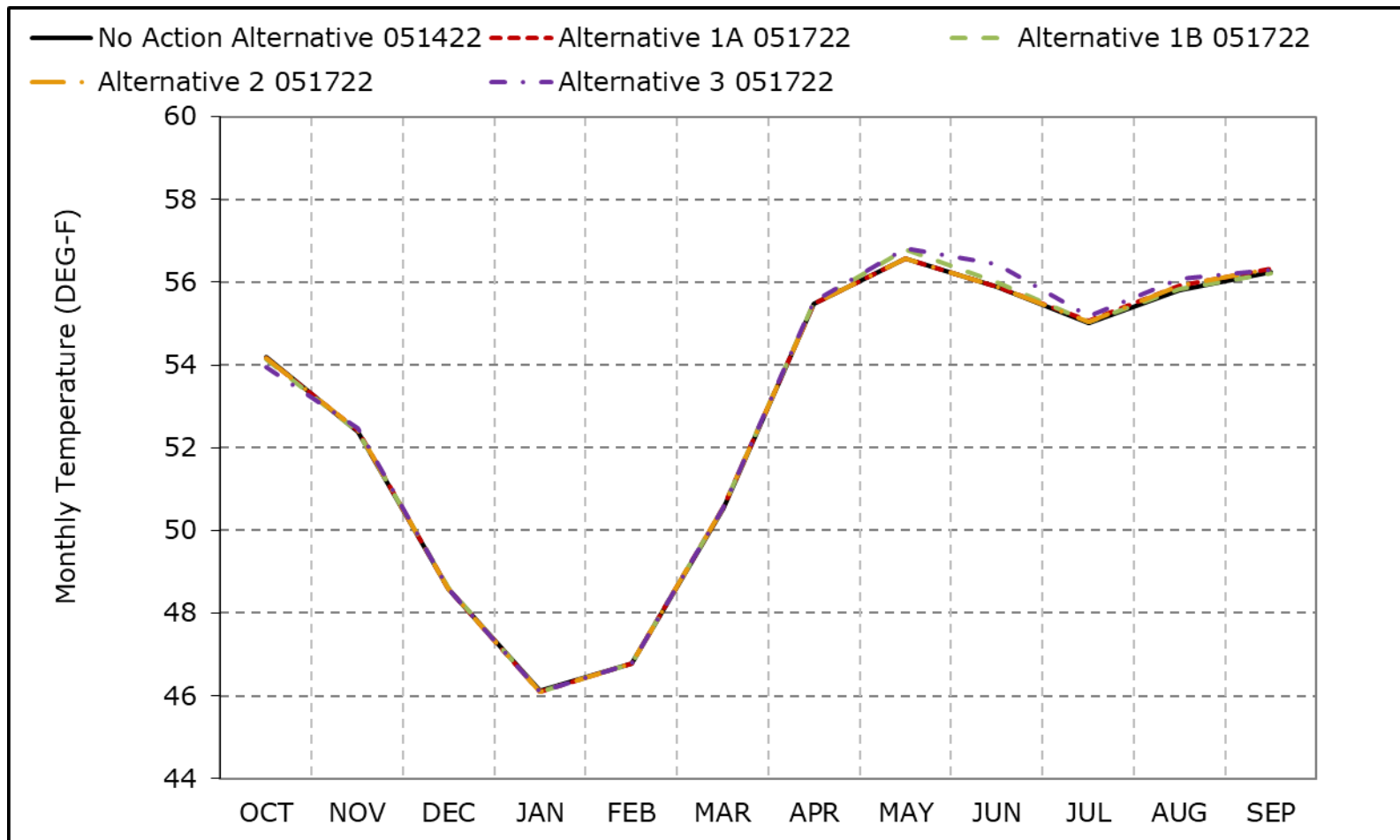


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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-9-4. Sacramento River at Bend Bridge, Below Normal Year Average Temperature

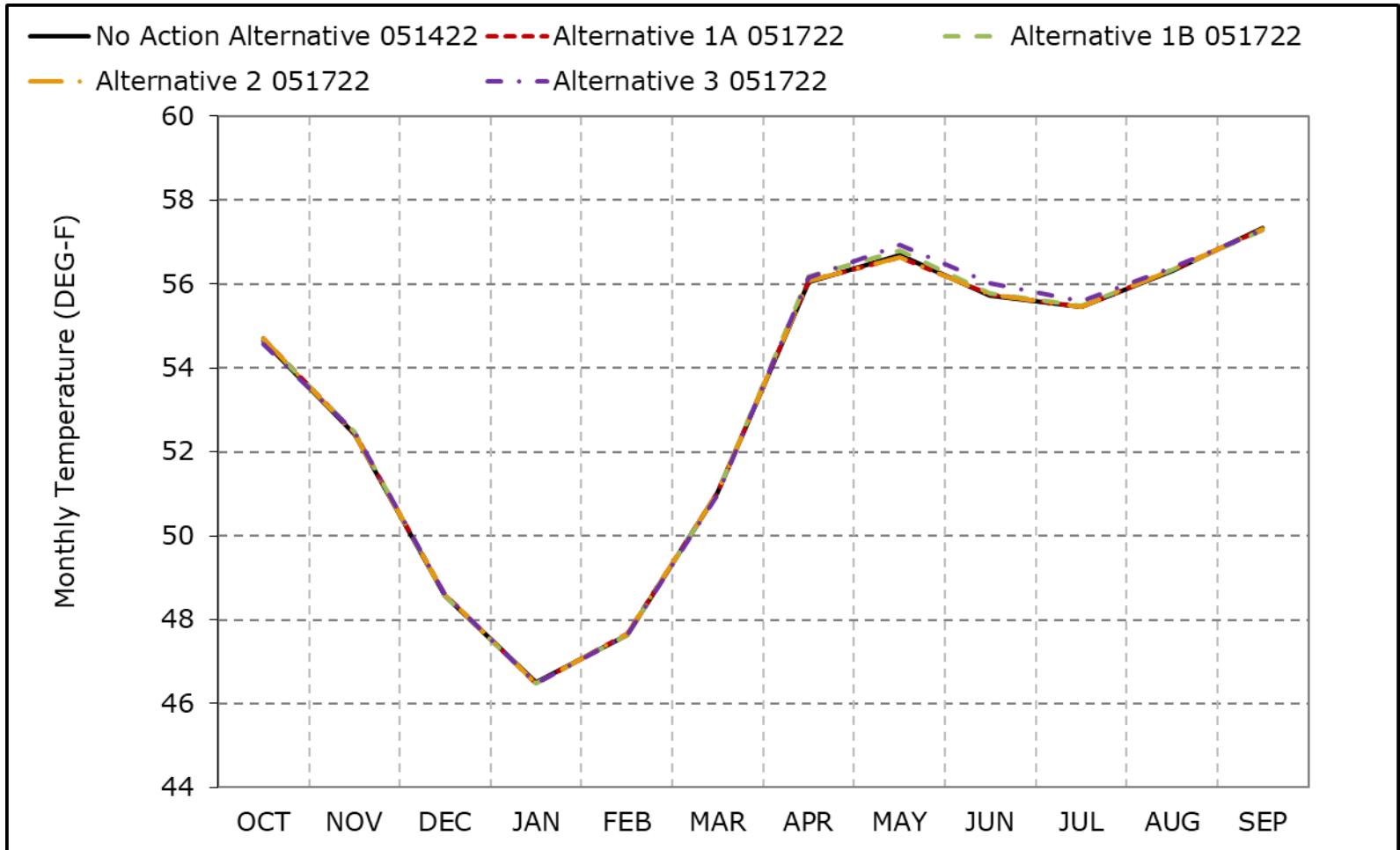


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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-9-5. Sacramento River at Bend Bridge, Dry Year Average Temperature

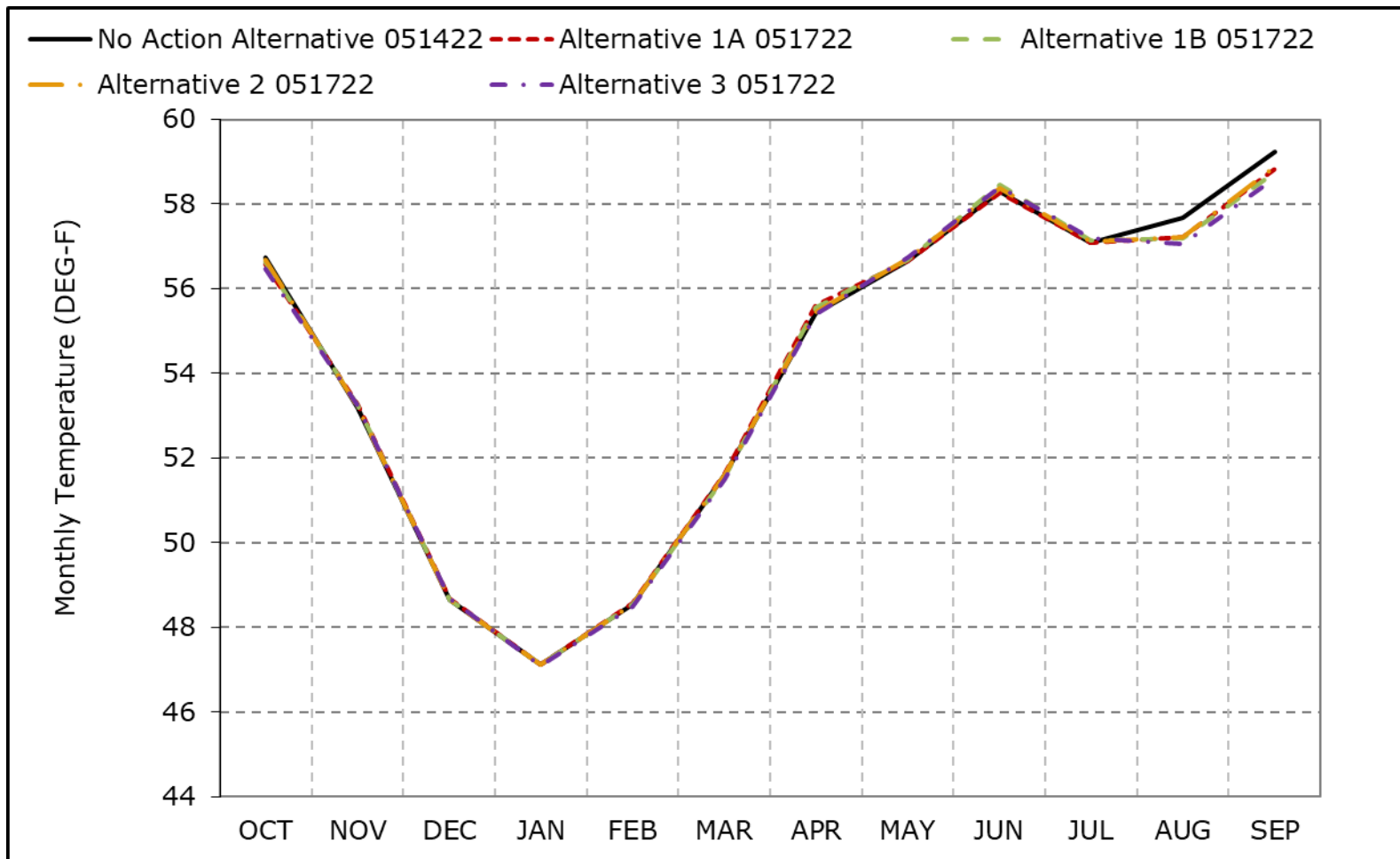


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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

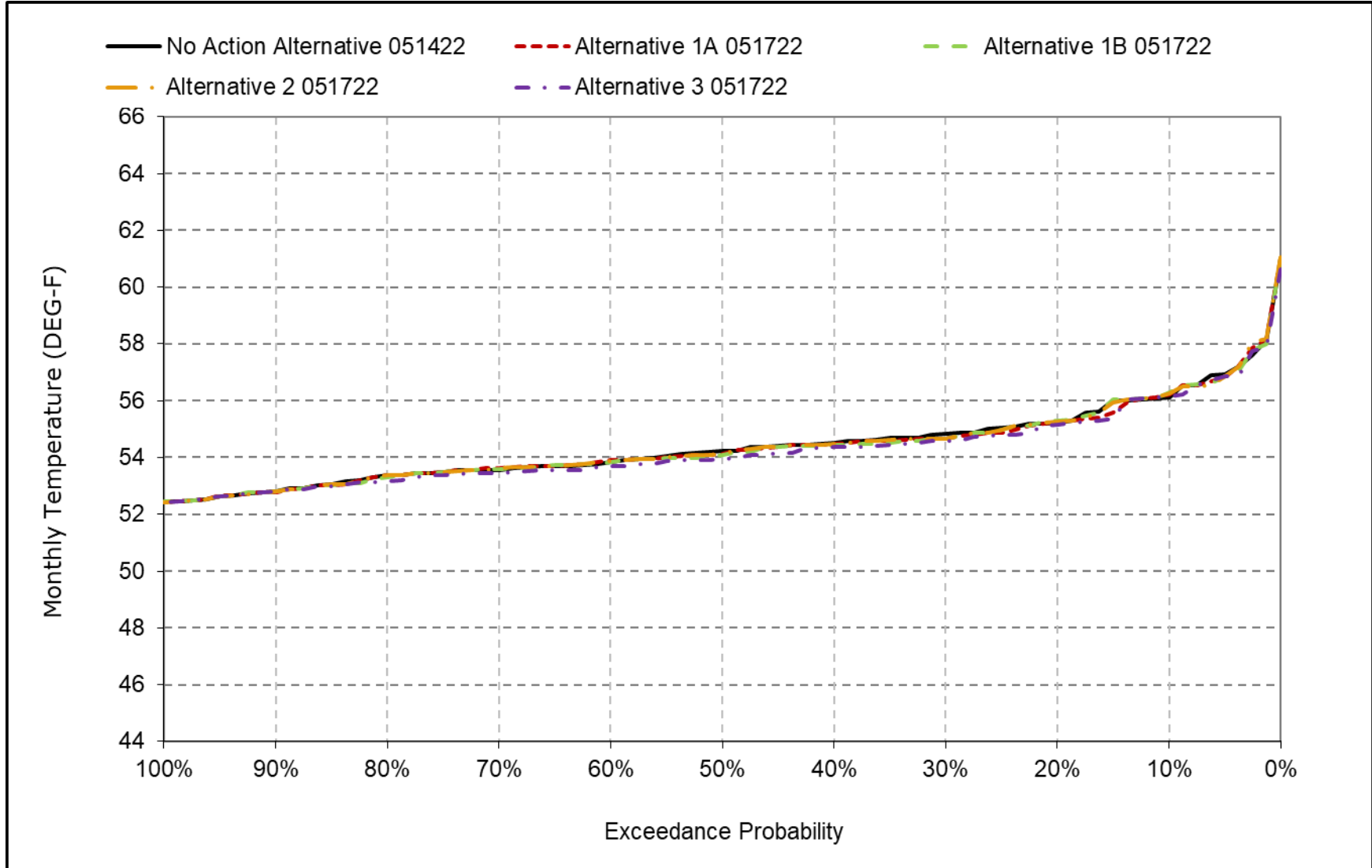


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

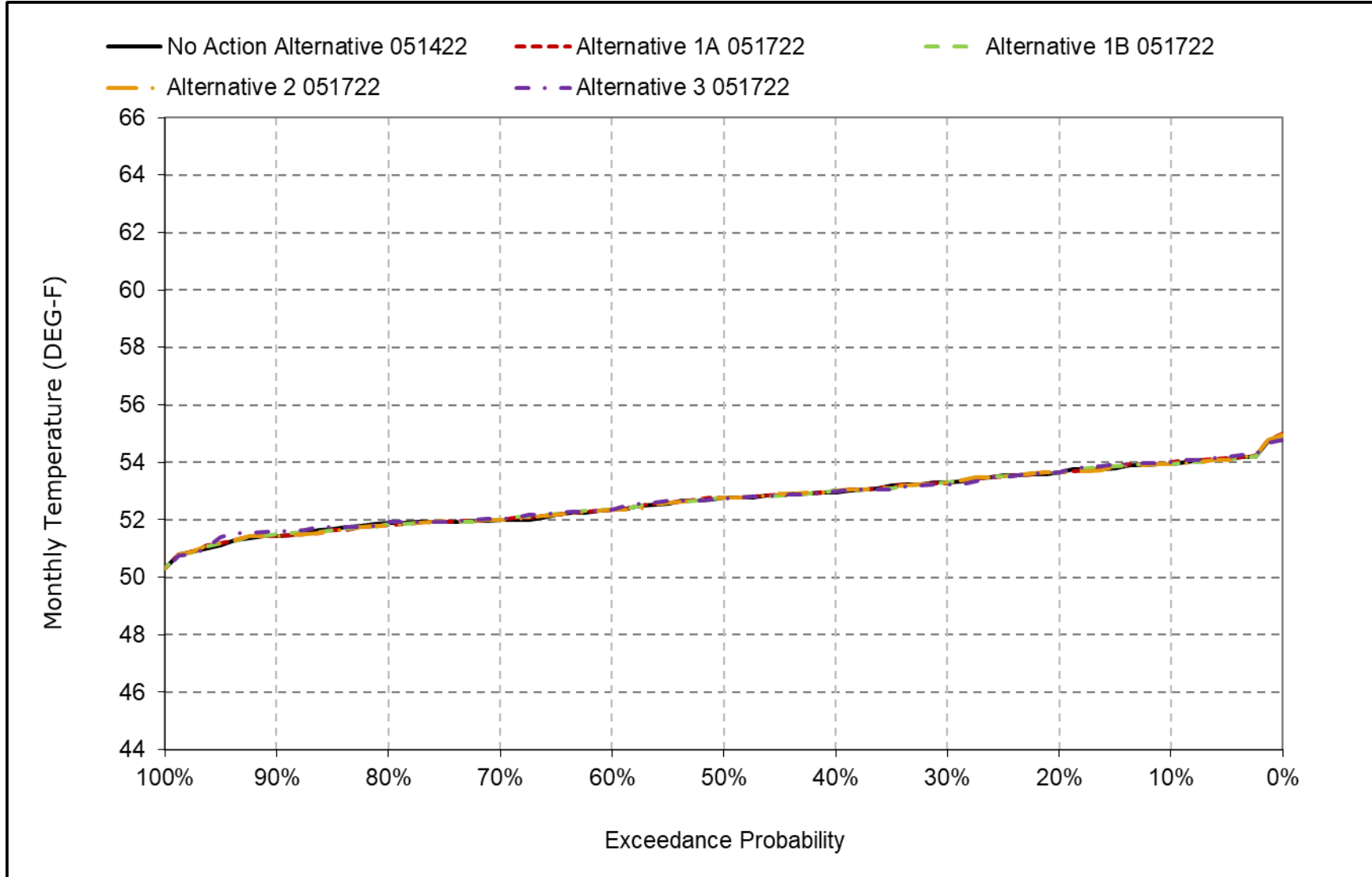
*All scenarios are simulated at current climate and 0 cm sea level rise.

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



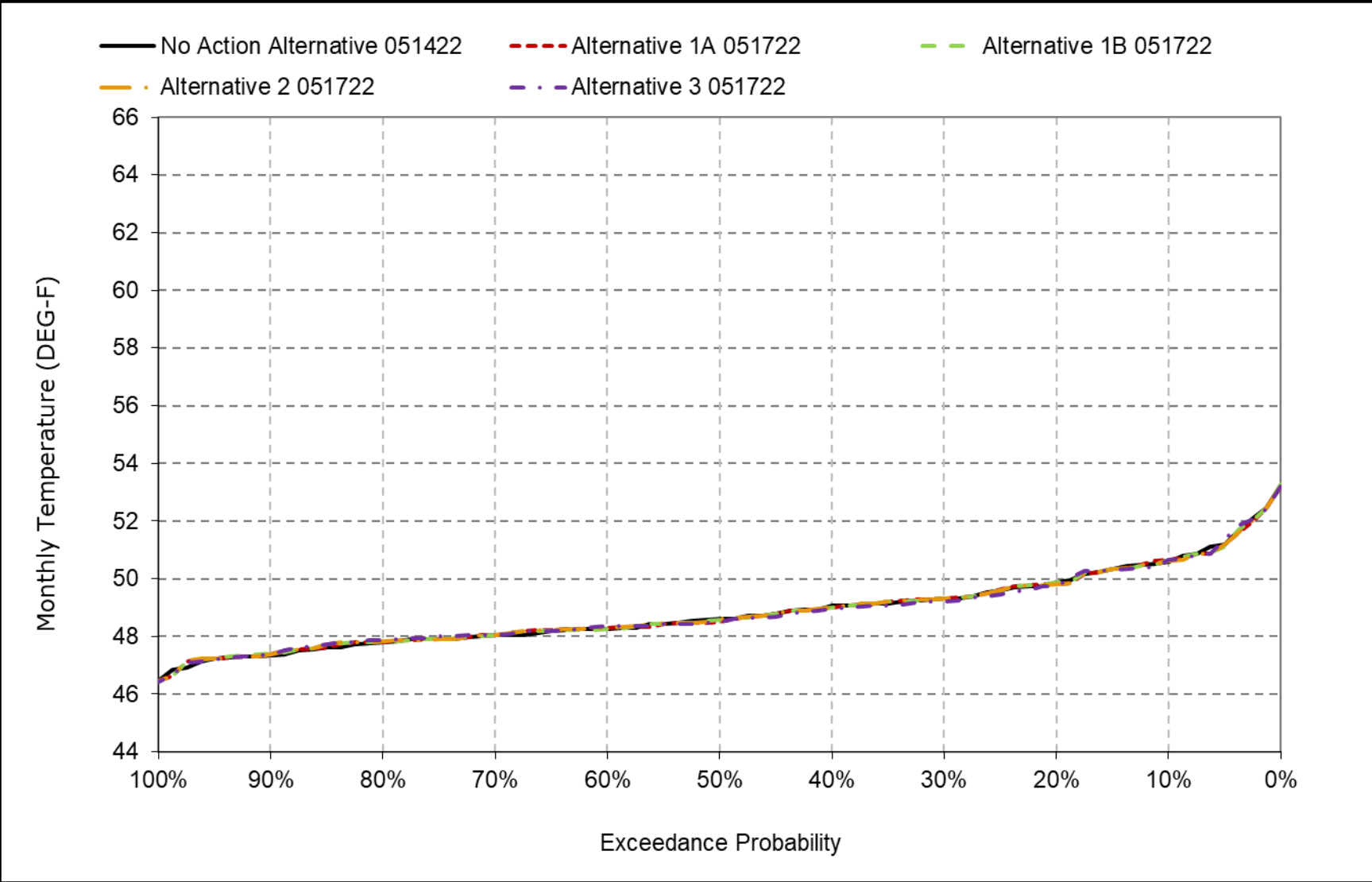
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



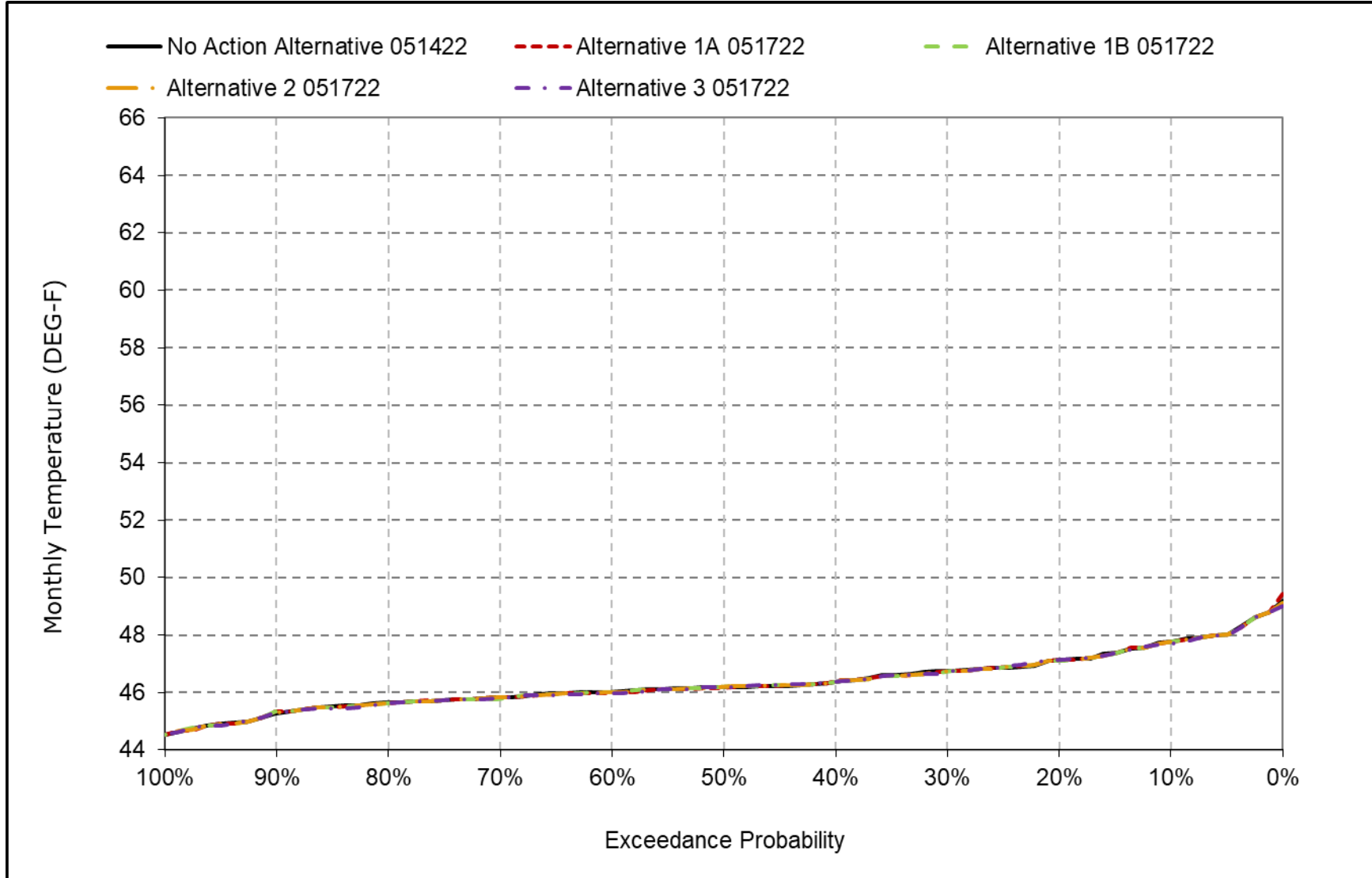
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



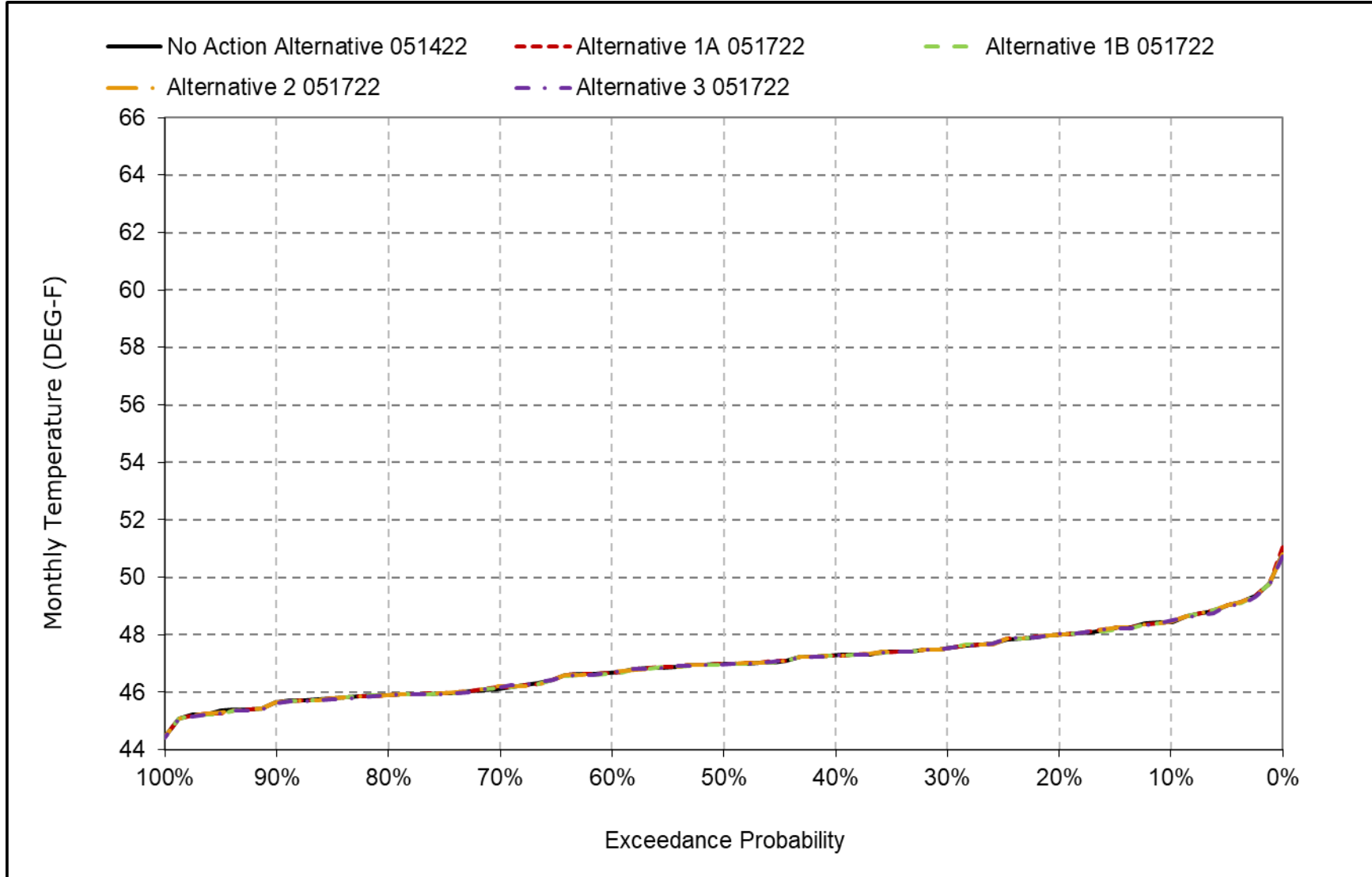
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



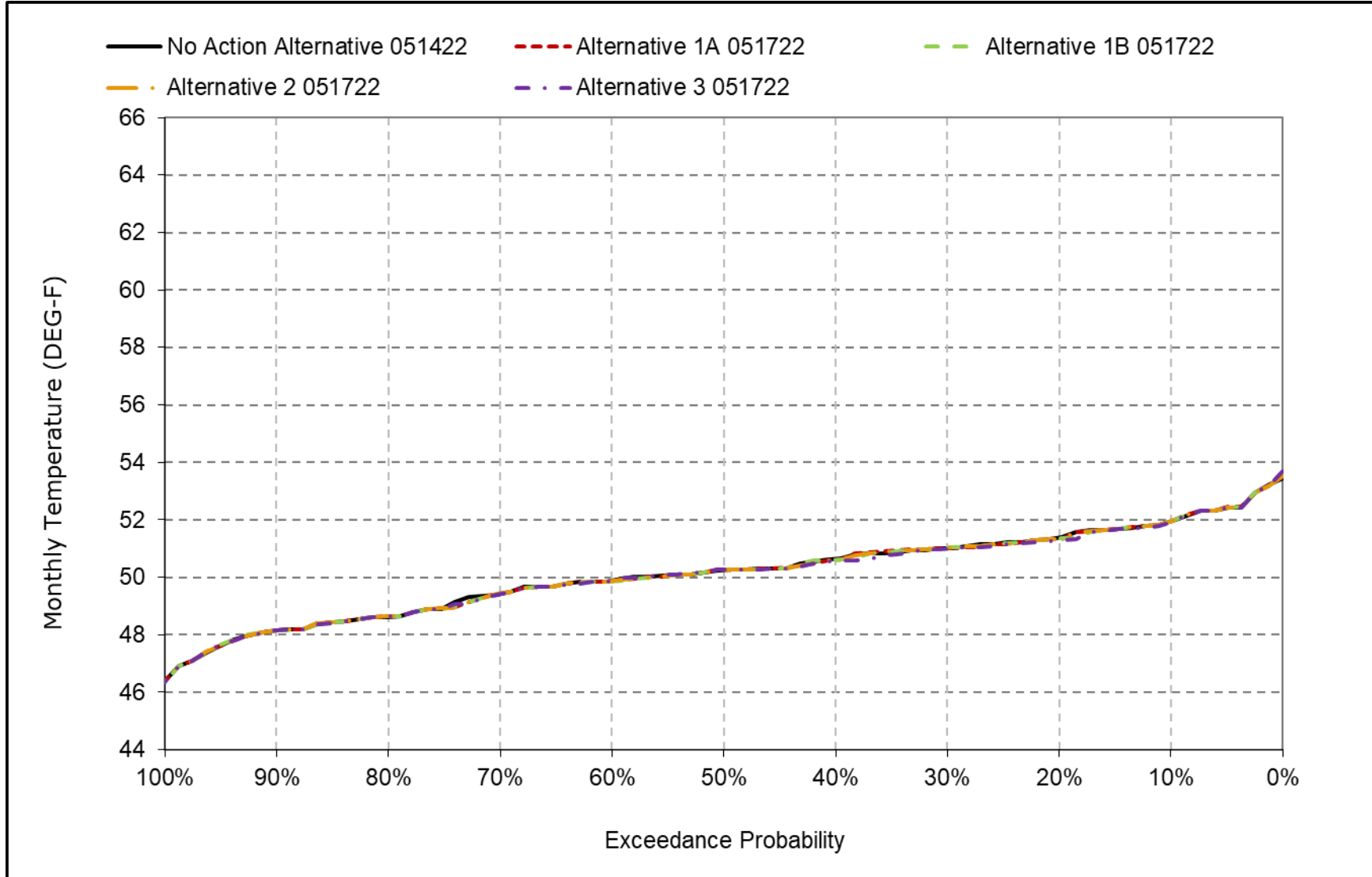
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



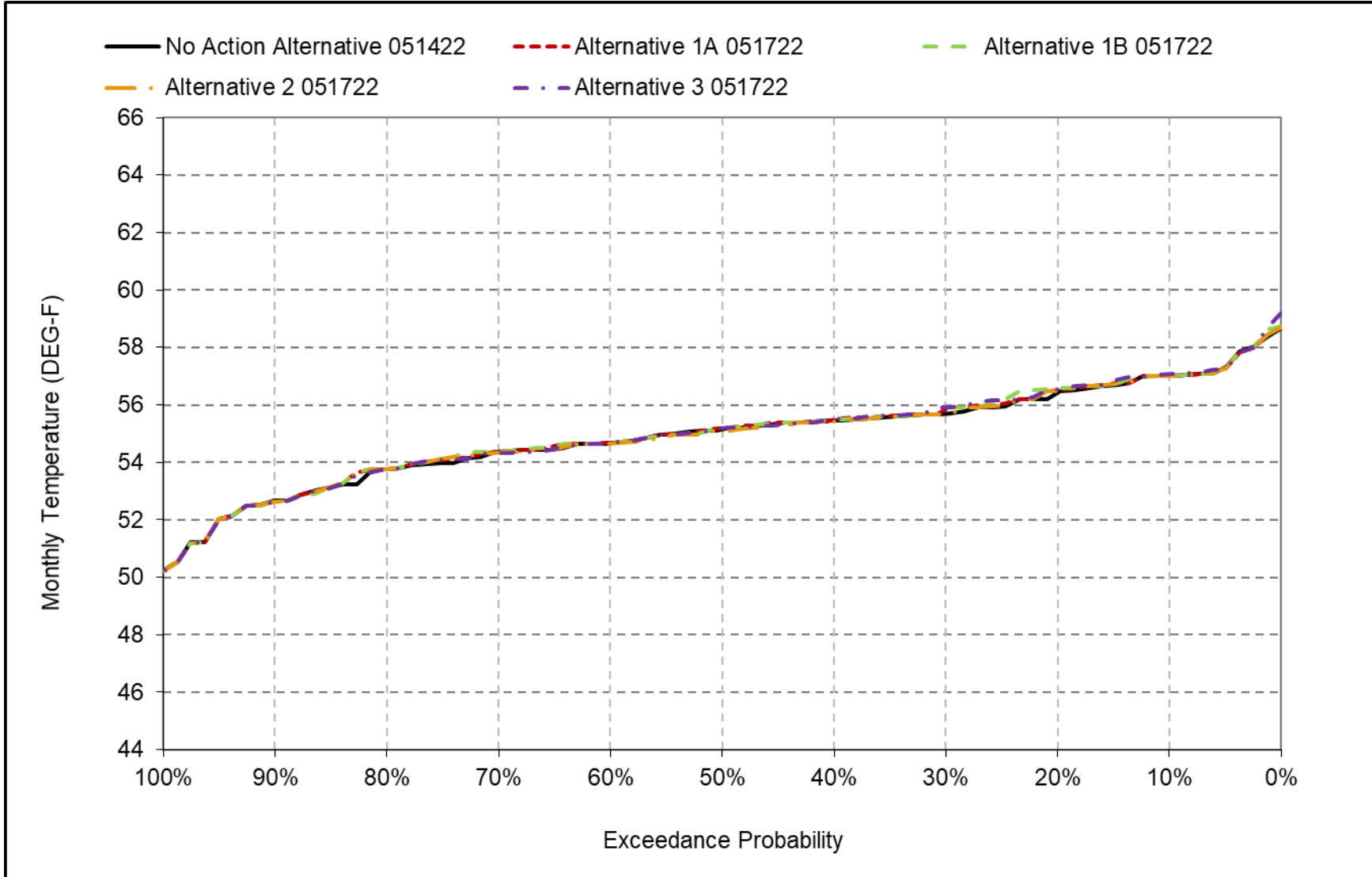
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



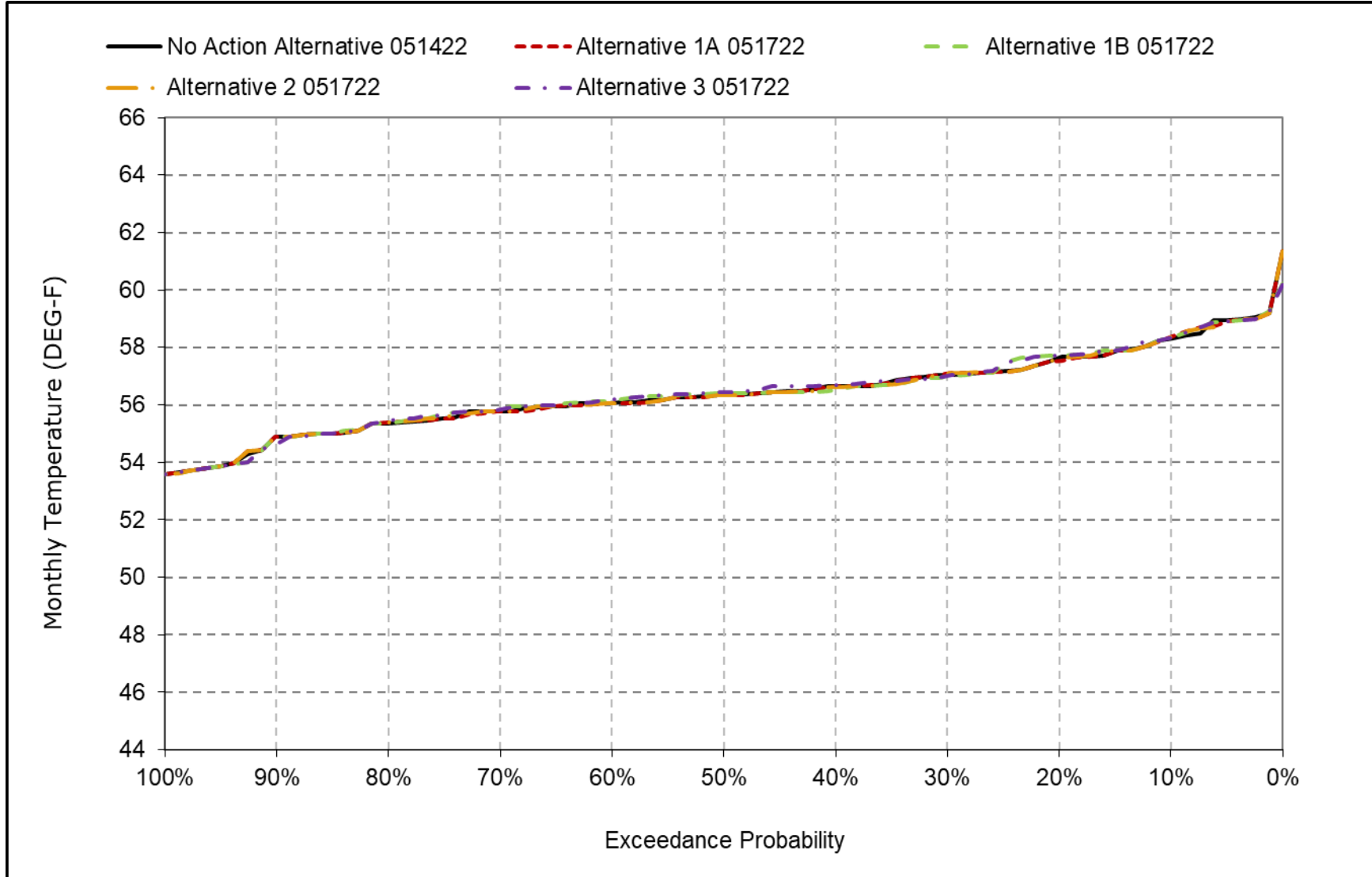
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



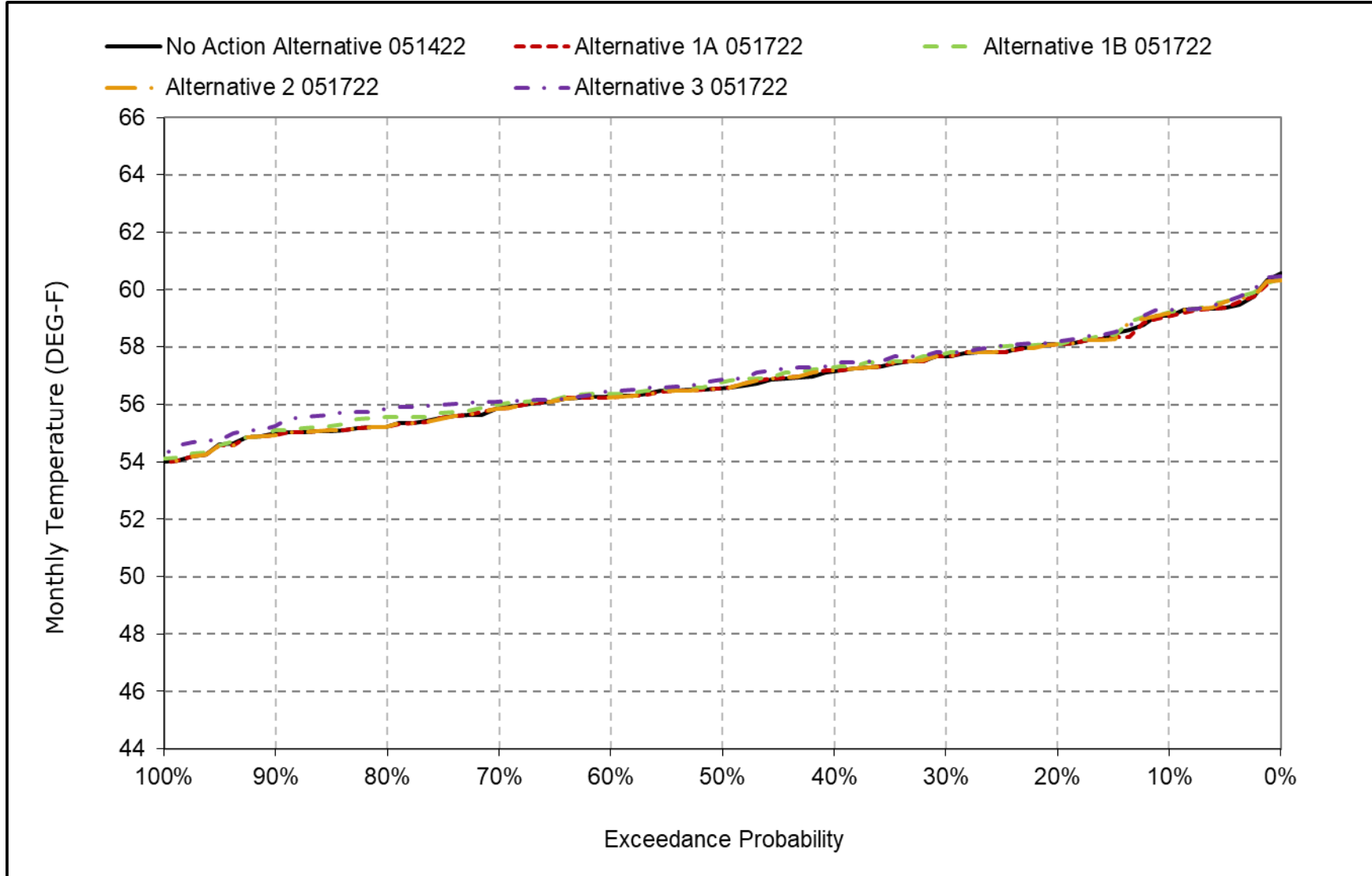
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



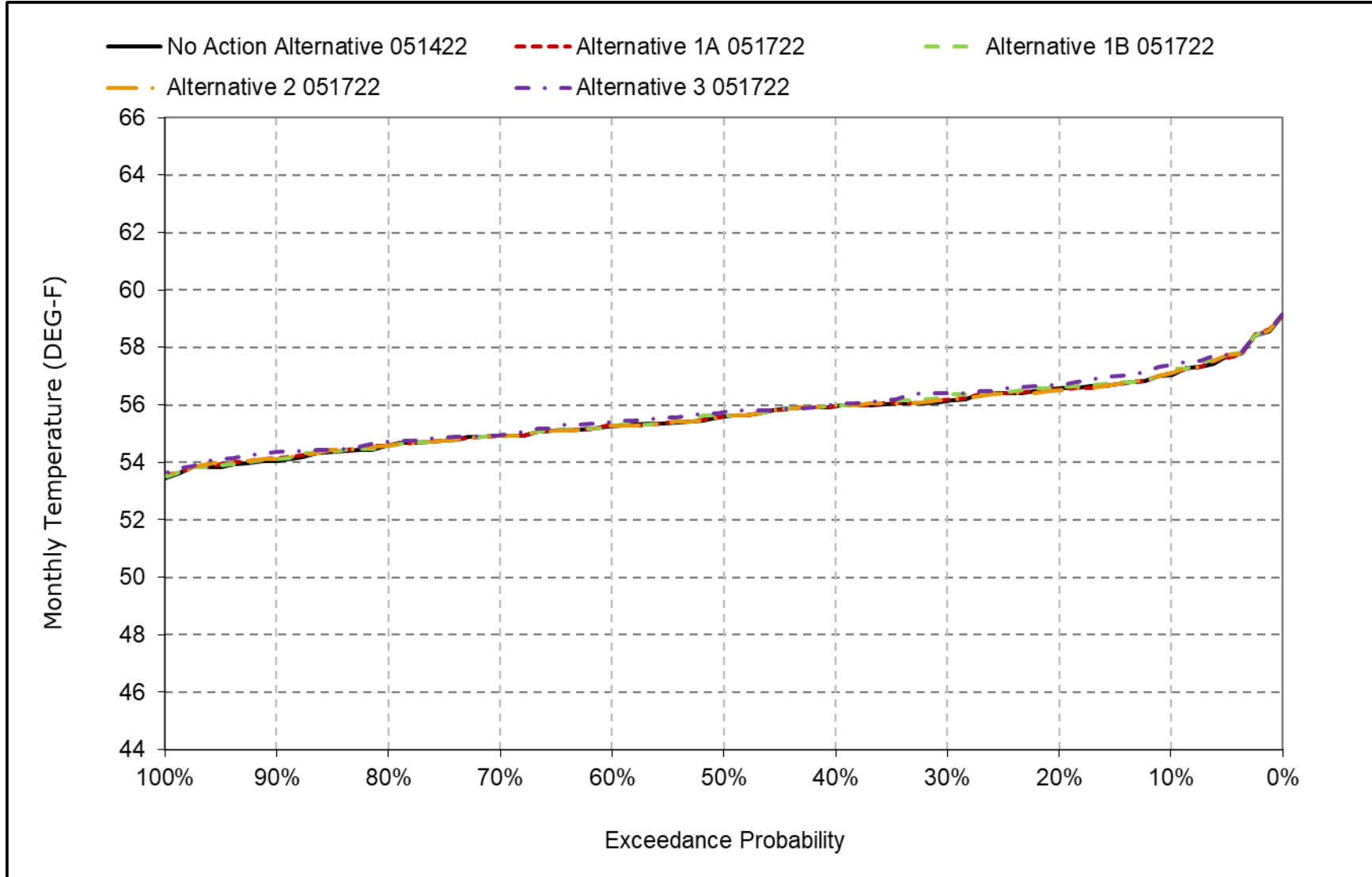
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



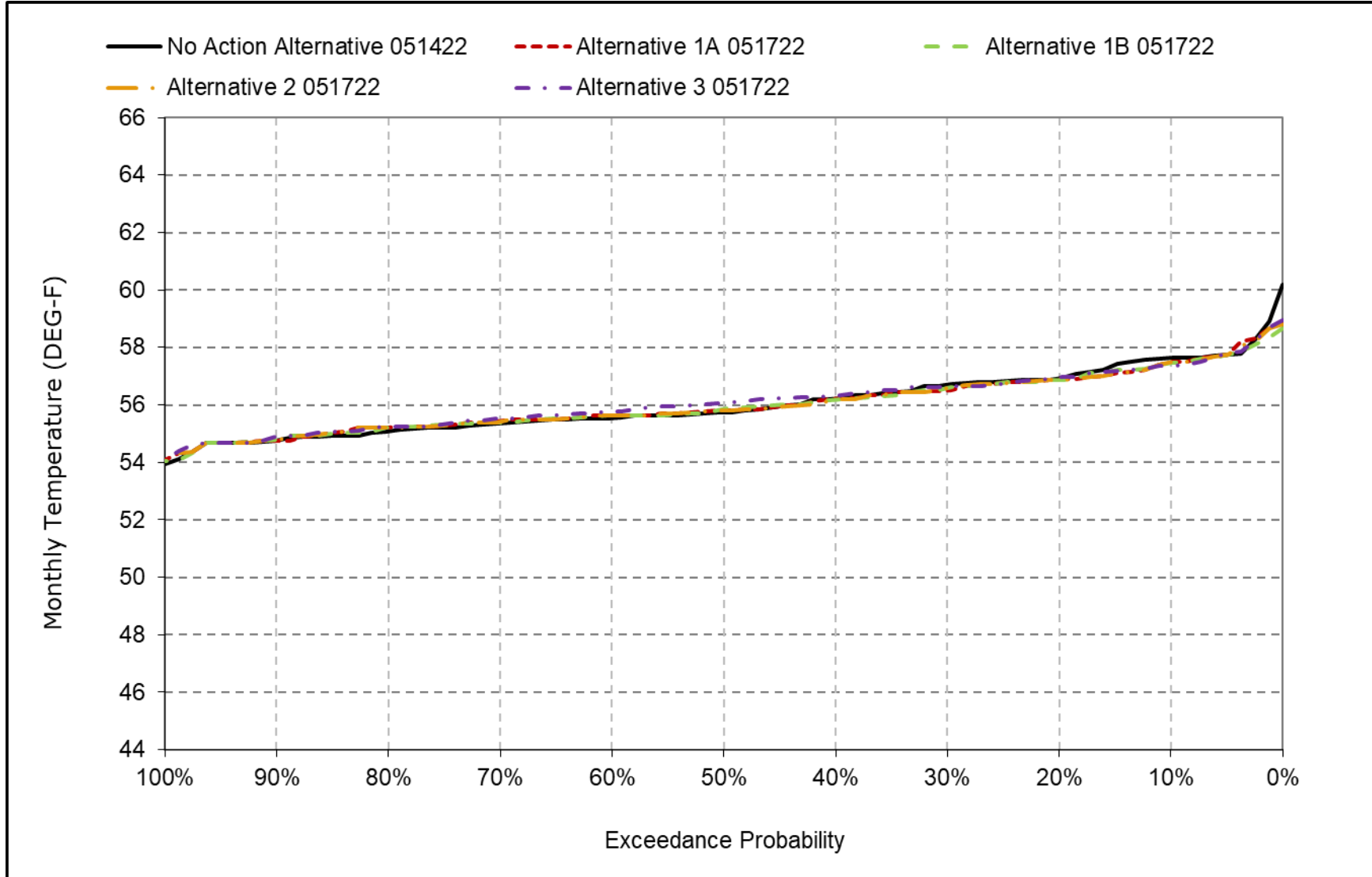
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



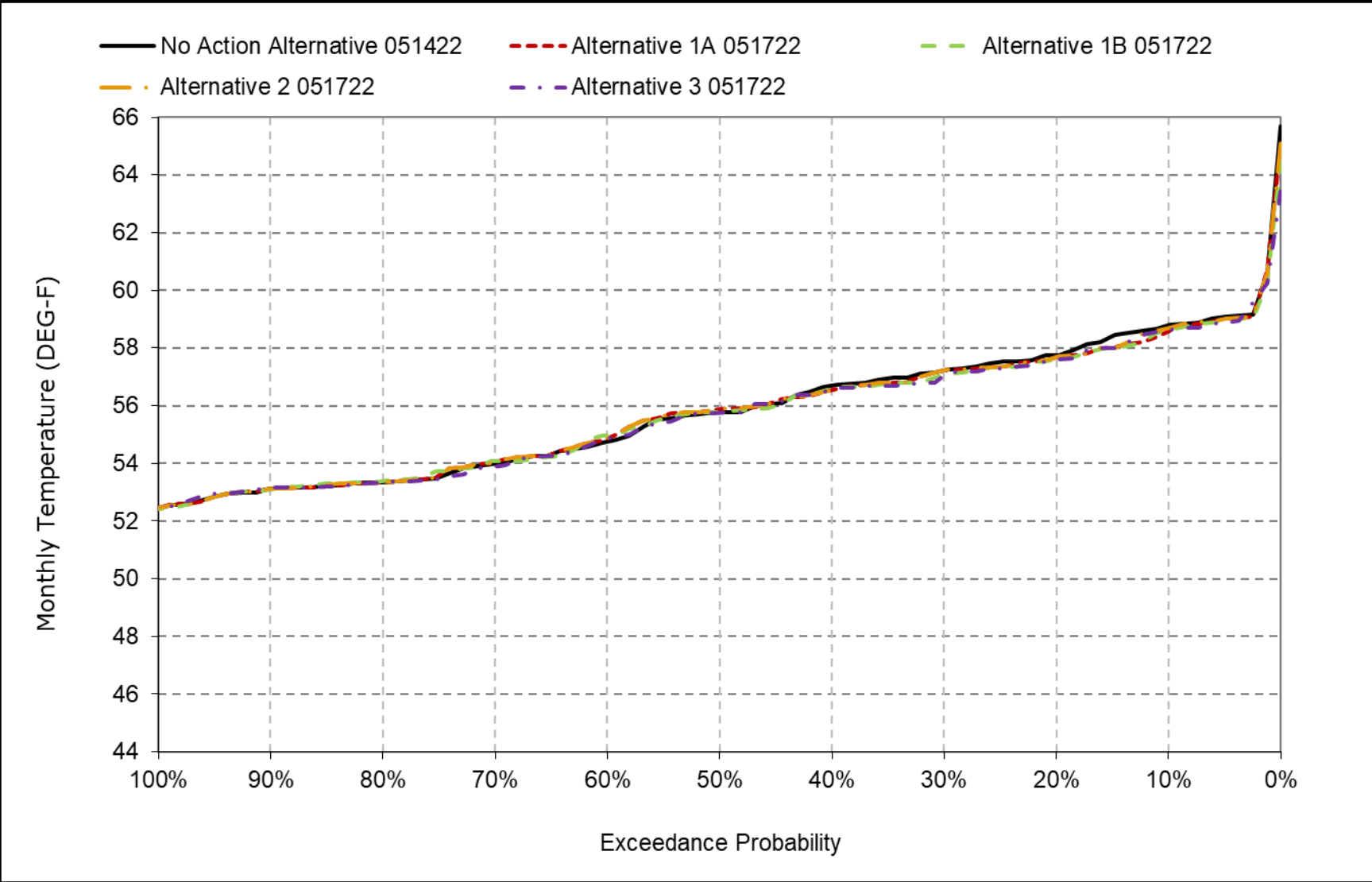
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	56.8	54.1	50.4	47.8	48.8	52.7	58.0	59.4	60.9	59.2	59.7	60.7
20% Exceedance	56.1	53.7	49.7	47.1	48.2	52.1	57.2	58.8	59.7	58.6	58.9	59.6
30% Exceedance	55.5	53.3	49.1	46.8	47.8	51.6	56.6	58.1	59.2	58.1	58.5	59.1
40% Exceedance	55.1	52.9	48.9	46.4	47.5	51.2	56.4	57.8	58.8	57.9	58.1	58.4
50% Exceedance	54.9	52.8	48.5	46.2	47.2	50.6	55.9	57.4	58.3	57.4	57.6	57.6
60% Exceedance	54.4	52.3	48.2	46.0	46.9	50.4	55.4	57.2	57.9	57.1	57.3	56.3
70% Exceedance	54.2	52.1	48.0	45.8	46.4	49.8	55.0	56.8	57.4	56.7	57.2	55.5
80% Exceedance	54.0	51.8	47.7	45.6	46.0	48.9	54.3	56.4	56.8	56.2	56.7	54.7
90% Exceedance	53.3	51.5	47.3	45.3	45.8	48.4	53.0	55.8	56.6	55.7	56.4	54.4
Full Simulation Period Average^a	55.1	52.7	48.8	46.4	47.2	50.6	55.7	57.5	58.4	57.5	57.9	57.4
Wet Water Years (32%)	54.1	53.0	49.3	46.1	46.4	49.3	54.3	57.0	59.0	57.7	57.2	55.1
Above Normal Years (15%)	54.6	52.4	48.7	46.3	46.7	49.9	55.5	57.6	58.3	56.5	57.3	55.6
Below Normal Years (17%)	54.8	52.4	48.5	46.1	47.0	51.0	56.3	57.8	57.5	56.8	57.6	58.0
Dry Years (22%)	55.4	52.5	48.5	46.5	47.9	51.6	56.9	57.8	57.4	57.3	58.2	59.2
Critical (15%)	57.3	53.2	48.5	47.1	48.9	52.3	56.5	57.8	59.9	59.2	59.7	61.1

Table 6C-10-1b. Sacramento River at Red Bluff, Alternative 1A 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	56.9	54.1	50.3	47.8	48.8	52.7	58.0	59.5	60.6	59.2	59.5	60.4
20% Exceedance	56.0	53.6	49.6	47.1	48.3	52.0	57.4	58.8	59.7	58.5	58.9	59.5
30% Exceedance	55.3	53.3	49.1	46.8	47.8	51.6	56.7	58.2	59.2	58.2	58.5	58.9
40% Exceedance	55.1	53.0	48.9	46.4	47.5	51.2	56.4	57.8	58.8	57.9	58.1	58.4
50% Exceedance	54.8	52.8	48.5	46.2	47.2	50.6	55.9	57.4	58.3	57.4	57.6	57.7
60% Exceedance	54.4	52.3	48.2	46.0	47.0	50.4	55.4	57.2	57.9	57.1	57.4	56.4
70% Exceedance	54.2	52.1	48.0	45.8	46.4	49.9	55.2	56.8	57.4	56.7	57.2	55.5
80% Exceedance	54.0	51.8	47.7	45.6	46.0	48.9	54.4	56.3	56.8	56.2	56.9	54.7
90% Exceedance	53.3	51.4	47.3	45.4	45.8	48.4	53.0	55.8	56.6	55.8	56.4	54.4
Full Simulation Period Average^a	55.0	52.7	48.8	46.4	47.2	50.6	55.7	57.5	58.4	57.5	57.9	57.4
Wet Water Years (32%)	54.1	53.0	49.2	46.1	46.4	49.3	54.3	57.0	59.0	57.7	57.2	55.1
Above Normal Years (15%)	54.5	52.4	48.7	46.3	46.7	49.9	55.5	57.6	58.3	56.5	57.4	55.7
Below Normal Years (17%)	54.8	52.4	48.5	46.1	47.0	51.0	56.3	57.8	57.5	56.9	57.8	58.1
Dry Years (22%)	55.4	52.5	48.5	46.5	47.9	51.6	56.9	57.8	57.4	57.3	58.2	59.2
Critical (15%)	57.2	53.3	48.6	47.1	48.9	52.3	56.7	57.8	59.9	59.2	59.2	60.6

Table 6C-10-1c. Sacramento River at Red Bluff, Alternative 1A 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.2	-0.3	0.0	-0.2	-0.3
20% Exceedance	-0.1	0.0	-0.1	0.0	0.0	0.0	0.2	-0.1	0.0	-0.1	0.0	-0.2
30% Exceedance	-0.1	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.0	0.0	0.0	-0.2
40% Exceedance	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50% Exceedance	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
60% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
70% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.1	0.0
80% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.1	0.0	0.0	0.1	0.0
90% Exceedance	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (15%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1
Below Normal Years (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1
Dry Years (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%)	-0.2	0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	-0.5	-0.5

^a Based on the 82-year simulation period.

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

* 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.

Table 6C-10-2a. Sacramento River at Red Bluff, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	56.8	54.1	50.4	47.8	48.8	52.7	58.0	59.4	60.9	59.2	59.7	60.7
20% Exceedance	56.1	53.7	49.7	47.1	48.2	52.1	57.2	58.8	59.7	58.6	58.9	59.6
30% Exceedance	55.5	53.3	49.1	46.8	47.8	51.6	56.6	58.1	59.2	58.1	58.5	59.1
40% Exceedance	55.1	52.9	48.9	46.4	47.5	51.2	56.4	57.8	58.8	57.9	58.1	58.4
50% Exceedance	54.9	52.8	48.5	46.2	47.2	50.6	55.9	57.4	58.3	57.4	57.6	57.6
60% Exceedance	54.4	52.3	48.2	46.0	46.9	50.4	55.4	57.2	57.9	57.1	57.3	56.3
70% Exceedance	54.2	52.1	48.0	45.8	46.4	49.8	55.0	56.8	57.4	56.7	57.2	55.5
80% Exceedance	54.0	51.8	47.7	45.6	46.0	48.9	54.3	56.4	56.8	56.2	56.7	54.7
90% Exceedance	53.3	51.5	47.3	45.3	45.8	48.4	53.0	55.8	56.6	55.7	56.4	54.4
Full Simulation Period Average^a	55.1	52.7	48.8	46.4	47.2	50.6	55.7	57.5	58.4	57.5	57.9	57.4
Wet Water Years (32%)	54.1	53.0	49.3	46.1	46.4	49.3	54.3	57.0	59.0	57.7	57.2	55.1
Above Normal Years (15%)	54.6	52.4	48.7	46.3	46.7	49.9	55.5	57.6	58.3	56.5	57.3	55.6
Below Normal Years (17%)	54.8	52.4	48.5	46.1	47.0	51.0	56.3	57.8	57.5	56.8	57.6	58.0
Dry Years (22%)	55.4	52.5	48.5	46.5	47.9	51.6	56.9	57.8	57.4	57.3	58.2	59.2
Critical (15%)	57.3	53.2	48.5	47.1	48.9	52.3	56.5	57.8	59.9	59.2	59.7	61.1

Table 6C-10-2b. Sacramento River at Red Bluff, Alternative 1B 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	56.8	54.1	50.5	47.8	48.8	52.7	58.0	59.6	61.0	59.2	59.4	60.6
20% Exceedance	56.0	53.7	49.6	47.1	48.3	52.0	57.5	59.0	59.9	58.7	58.8	59.4
30% Exceedance	55.4	53.3	49.1	46.8	47.8	51.6	56.7	58.2	59.3	58.2	58.5	58.8
40% Exceedance	55.1	53.0	48.9	46.4	47.5	51.2	56.4	57.7	58.9	57.9	58.1	58.4
50% Exceedance	54.7	52.8	48.4	46.2	47.2	50.6	55.9	57.6	58.4	57.5	57.6	57.6
60% Exceedance	54.4	52.3	48.2	46.0	46.9	50.4	55.5	57.3	58.0	57.1	57.4	56.4
70% Exceedance	54.2	52.1	48.0	45.8	46.4	49.8	55.2	56.9	57.6	56.7	57.2	55.5
80% Exceedance	53.9	51.8	47.7	45.6	46.0	48.9	54.5	56.3	57.2	56.2	56.9	54.7
90% Exceedance	53.3	51.5	47.3	45.4	45.8	48.4	53.0	55.8	56.6	55.8	56.5	54.4
Full Simulation Period Average^a	55.0	52.7	48.8	46.4	47.2	50.6	55.7	57.6	58.5	57.5	57.8	57.4
Wet Water Years (32%)	54.1	52.9	49.2	46.1	46.4	49.3	54.3	56.9	59.0	57.7	57.3	55.1
Above Normal Years (15%)	54.5	52.4	48.7	46.3	46.7	49.9	55.5	57.6	58.8	56.6	57.4	55.5
Below Normal Years (17%)	54.8	52.4	48.5	46.1	47.0	51.1	56.3	58.0	57.6	56.9	57.7	58.0
Dry Years (22%)	55.4	52.5	48.5	46.5	47.9	51.6	57.0	58.0	57.4	57.3	58.2	59.1
Critical (15%)	57.2	53.3	48.5	47.1	48.9	52.2	56.6	57.9	60.1	59.3	59.2	60.5

Table 6C-10-2c. Sacramento River at Red Bluff, Alternative 1B 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	-0.3	-0.1
20% Exceedance	-0.1	0.0	0.0	0.0	0.0	-0.1	0.3	0.1	0.2	0.1	-0.1	-0.2
30% Exceedance	-0.1	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.1	0.1	0.0	-0.3
40% Exceedance	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	-0.1	0.0
50% Exceedance	-0.2	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0
60% Exceedance	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.1
70% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.2	0.0	0.0	0.0
80% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.0	0.2	-0.1	0.4	0.0	0.1	0.0
90% Exceedance	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	-0.1
Wet Water Years (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.1
Above Normal Years (15%)	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.2	0.1	0.0
Below Normal Years (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.1	0.0
Dry Years (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	-0.1
Critical (15%)	-0.1	0.0	0.0	0.0	0.0	-0.1	0.1	0.1	0.2	0.1	-0.5	-0.5

^a Based on the 82-year simulation period.

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

* 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.

Table 6C-10-3a. Sacramento River at Red Bluff, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	56.8	54.1	50.4	47.8	48.8	52.7	58.0	59.4	60.9	59.2	59.7	60.7
20% Exceedance	56.1	53.7	49.7	47.1	48.2	52.1	57.2	58.8	59.7	58.6	58.9	59.6
30% Exceedance	55.5	53.3	49.1	46.8	47.8	51.6	56.6	58.1	59.2	58.1	58.5	59.1
40% Exceedance	55.1	52.9	48.9	46.4	47.5	51.2	56.4	57.8	58.8	57.9	58.1	58.4
50% Exceedance	54.9	52.8	48.5	46.2	47.2	50.6	55.9	57.4	58.3	57.4	57.6	57.6
60% Exceedance	54.4	52.3	48.2	46.0	46.9	50.4	55.4	57.2	57.9	57.1	57.3	56.3
70% Exceedance	54.2	52.1	48.0	45.8	46.4	49.8	55.0	56.8	57.4	56.7	57.2	55.5
80% Exceedance	54.0	51.8	47.7	45.6	46.0	48.9	54.3	56.4	56.8	56.2	56.7	54.7
90% Exceedance	53.3	51.5	47.3	45.3	45.8	48.4	53.0	55.8	56.6	55.7	56.4	54.4
Full Simulation Period Average^a	55.1	52.7	48.8	46.4	47.2	50.6	55.7	57.5	58.4	57.5	57.9	57.4
Wet Water Years (32%)	54.1	53.0	49.3	46.1	46.4	49.3	54.3	57.0	59.0	57.7	57.2	55.1
Above Normal Years (15%)	54.6	52.4	48.7	46.3	46.7	49.9	55.5	57.6	58.3	56.5	57.3	55.6
Below Normal Years (17%)	54.8	52.4	48.5	46.1	47.0	51.0	56.3	57.8	57.5	56.8	57.6	58.0
Dry Years (22%)	55.4	52.5	48.5	46.5	47.9	51.6	56.9	57.8	57.4	57.3	58.2	59.2
Critical (15%)	57.3	53.2	48.5	47.1	48.9	52.3	56.5	57.8	59.9	59.2	59.7	61.1

Table 6C-10-3b. Sacramento River at Red Bluff, Alternative 2 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	56.9	54.1	50.3	47.8	48.8	52.7	58.0	59.5	61.0	59.2	59.5	60.7
20% Exceedance	56.0	53.7	49.6	47.1	48.3	52.0	57.3	58.9	59.7	58.5	58.9	59.5
30% Exceedance	55.4	53.3	49.1	46.8	47.8	51.5	56.6	58.1	59.2	58.2	58.5	58.9
40% Exceedance	55.2	53.0	48.9	46.4	47.5	51.2	56.3	57.8	58.8	57.9	58.1	58.4
50% Exceedance	54.8	52.8	48.5	46.2	47.2	50.6	55.9	57.4	58.3	57.4	57.6	57.7
60% Exceedance	54.4	52.3	48.2	46.0	46.9	50.4	55.4	57.2	57.9	57.1	57.4	56.4
70% Exceedance	54.2	52.1	48.0	45.8	46.4	49.8	55.2	56.8	57.4	56.7	57.2	55.5
80% Exceedance	54.0	51.8	47.7	45.6	46.0	48.9	54.4	56.4	56.8	56.2	56.9	54.7
90% Exceedance	53.3	51.4	47.3	45.3	45.8	48.4	53.0	55.8	56.6	55.8	56.4	54.4
Full Simulation Period Average^a	55.0	52.7	48.8	46.4	47.2	50.6	55.7	57.5	58.4	57.5	57.9	57.4
Wet Water Years (32%)	54.1	53.0	49.2	46.1	46.4	49.3	54.3	57.0	59.0	57.7	57.2	55.1
Above Normal Years (15%)	54.5	52.4	48.7	46.3	46.7	49.9	55.5	57.6	58.3	56.5	57.4	55.7
Below Normal Years (17%)	54.8	52.4	48.5	46.1	47.0	51.0	56.3	57.8	57.5	56.9	57.8	58.1
Dry Years (22%)	55.4	52.5	48.5	46.5	47.9	51.6	56.9	57.8	57.4	57.3	58.2	59.2
Critical (15%)	57.3	53.3	48.5	47.1	48.9	52.3	56.5	57.9	60.0	59.3	59.2	60.6

Table 6C-10-3c. Sacramento River at Red Bluff, Alternative 2 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.2	0.1	0.0	-0.2	0.0
20% Exceedance	-0.1	0.0	-0.1	0.0	0.0	0.0	0.1	0.1	0.0	-0.1	0.0	-0.2
30% Exceedance	-0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.2
40% Exceedance	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0
50% Exceedance	-0.1	0.0	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.1
60% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
70% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.1	0.0
80% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0
90% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (15%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2
Below Normal Years (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Dry Years (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%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	-0.5	-0.4

^a Based on the 82-year simulation period.

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

* 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.

Table 6C-10-4a. Sacramento River at Red Bluff, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	56.8	54.1	50.4	47.8	48.8	52.7	58.0	59.4	60.9	59.2	59.7	60.7
20% Exceedance	56.1	53.7	49.7	47.1	48.2	52.1	57.2	58.8	59.7	58.6	58.9	59.6
30% Exceedance	55.5	53.3	49.1	46.8	47.8	51.6	56.6	58.1	59.2	58.1	58.5	59.1
40% Exceedance	55.1	52.9	48.9	46.4	47.5	51.2	56.4	57.8	58.8	57.9	58.1	58.4
50% Exceedance	54.9	52.8	48.5	46.2	47.2	50.6	55.9	57.4	58.3	57.4	57.6	57.6
60% Exceedance	54.4	52.3	48.2	46.0	46.9	50.4	55.4	57.2	57.9	57.1	57.3	56.3
70% Exceedance	54.2	52.1	48.0	45.8	46.4	49.8	55.0	56.8	57.4	56.7	57.2	55.5
80% Exceedance	54.0	51.8	47.7	45.6	46.0	48.9	54.3	56.4	56.8	56.2	56.7	54.7
90% Exceedance	53.3	51.5	47.3	45.3	45.8	48.4	53.0	55.8	56.6	55.7	56.4	54.4
Full Simulation Period Average^a	55.1	52.7	48.8	46.4	47.2	50.6	55.7	57.5	58.4	57.5	57.9	57.4
Wet Water Years (32%)	54.1	53.0	49.3	46.1	46.4	49.3	54.3	57.0	59.0	57.7	57.2	55.1
Above Normal Years (15%)	54.6	52.4	48.7	46.3	46.7	49.9	55.5	57.6	58.3	56.5	57.3	55.6
Below Normal Years (17%)	54.8	52.4	48.5	46.1	47.0	51.0	56.3	57.8	57.5	56.8	57.6	58.0
Dry Years (22%)	55.4	52.5	48.5	46.5	47.9	51.6	56.9	57.8	57.4	57.3	58.2	59.2
Critical (15%)	57.3	53.2	48.5	47.1	48.9	52.3	56.5	57.8	59.9	59.2	59.7	61.1

Table 6C-10-4b. Sacramento River at Red Bluff, Alternative 3 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	56.8	54.1	50.4	47.7	48.8	52.7	58.0	59.6	61.0	59.6	59.4	60.5
20% Exceedance	55.9	53.7	49.6	47.2	48.2	52.0	57.4	59.0	60.0	58.7	58.8	59.4
30% Exceedance	55.3	53.2	49.0	46.7	47.8	51.5	56.7	58.2	59.4	58.4	58.5	58.6
40% Exceedance	55.0	53.0	48.8	46.4	47.5	51.1	56.4	57.9	59.0	57.9	58.3	58.4
50% Exceedance	54.6	52.8	48.4	46.2	47.2	50.6	55.9	57.7	58.4	57.6	57.9	57.6
60% Exceedance	54.3	52.3	48.3	46.0	46.9	50.4	55.4	57.3	58.0	57.2	57.6	56.4
70% Exceedance	54.1	52.1	48.0	45.8	46.4	49.8	55.1	56.9	57.7	56.7	57.2	55.3
80% Exceedance	53.7	51.9	47.8	45.6	46.0	48.9	54.5	56.4	57.4	56.3	56.9	54.7
90% Exceedance	53.3	51.6	47.3	45.3	45.7	48.4	53.0	55.8	57.0	56.0	56.5	54.4
Full Simulation Period Average^a	54.9	52.7	48.8	46.4	47.2	50.6	55.7	57.6	58.7	57.7	58.0	57.3
Wet Water Years (32%)	54.1	52.9	49.2	46.1	46.4	49.3	54.3	56.9	59.0	57.7	57.3	55.1
Above Normal Years (15%)	54.2	52.4	48.6	46.3	46.7	49.9	55.6	57.4	58.9	57.1	57.9	55.4
Below Normal Years (17%)	54.5	52.5	48.5	46.1	47.0	51.0	56.4	58.0	58.1	57.0	57.9	58.1
Dry Years (22%)	55.3	52.5	48.5	46.5	47.9	51.5	57.0	58.1	57.7	57.4	58.3	59.2
Critical (15%)	57.0	53.3	48.6	47.1	48.8	52.2	56.5	57.9	60.0	59.4	59.1	60.4

Table 6C-10-4c. Sacramento River at Red Bluff, Alternative 3 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0.0	0.0	0.0	-0.1	0.1	0.0	0.0	0.2	0.1	0.5	-0.3	-0.2
20% Exceedance	-0.2	0.0	-0.1	0.1	0.0	-0.1	0.2	0.1	0.3	0.2	-0.1	-0.2
30% Exceedance	-0.2	-0.1	0.0	0.0	0.0	-0.1	0.1	0.0	0.2	0.2	0.0	-0.5
40% Exceedance	-0.1	0.1	-0.1	0.0	0.0	-0.1	0.0	0.1	0.2	0.0	0.1	-0.1
50% Exceedance	-0.3	0.0	-0.1	0.0	0.0	0.0	0.0	0.3	0.1	0.3	0.3	0.0
60% Exceedance	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.1	0.2	0.1
70% Exceedance	-0.2	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.3	0.0	0.1	-0.2
80% Exceedance	-0.2	0.0	0.1	0.0	0.0	0.0	0.2	0.0	0.6	0.1	0.1	0.0
90% Exceedance	0.0	0.2	0.0	0.0	-0.1	0.0	0.0	0.0	0.4	0.3	0.1	0.0
Full Simulation Period Average^a	-0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.2	0.1	-0.1
Wet Water Years (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
Above Normal Years (15%)	-0.4	0.0	-0.1	0.0	0.0	0.0	0.1	-0.2	0.6	0.6	0.6	-0.2
Below Normal Years (17%)	-0.3	0.1	0.0	0.0	0.0	0.0	0.1	0.3	0.6	0.2	0.3	0.1
Dry Years (22%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.3	0.1	0.1	0.0
Critical (15%)	-0.3	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	0.2	0.1	-0.6	-0.6

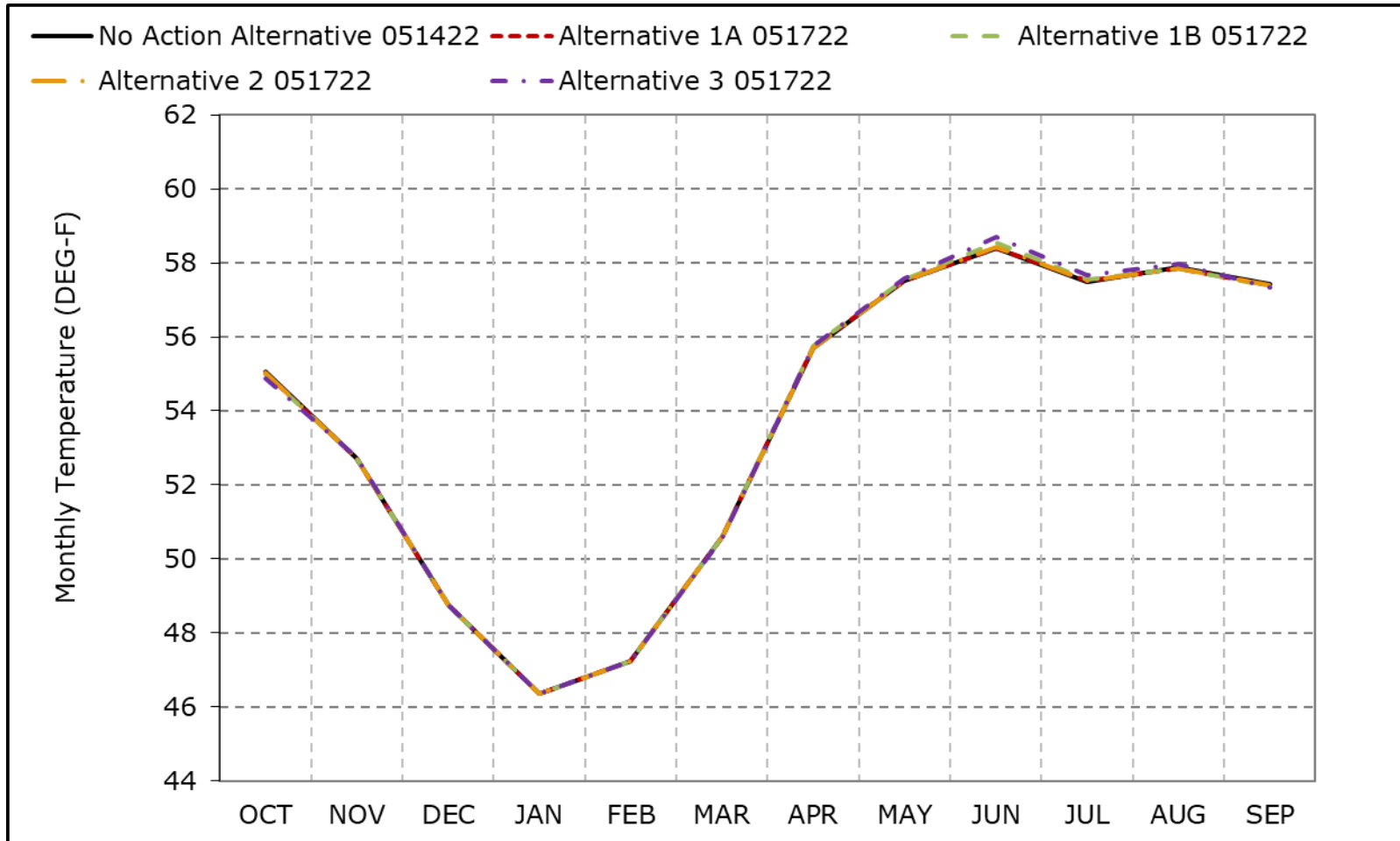
^a Based on the 82-year simulation period.

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

* 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.

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

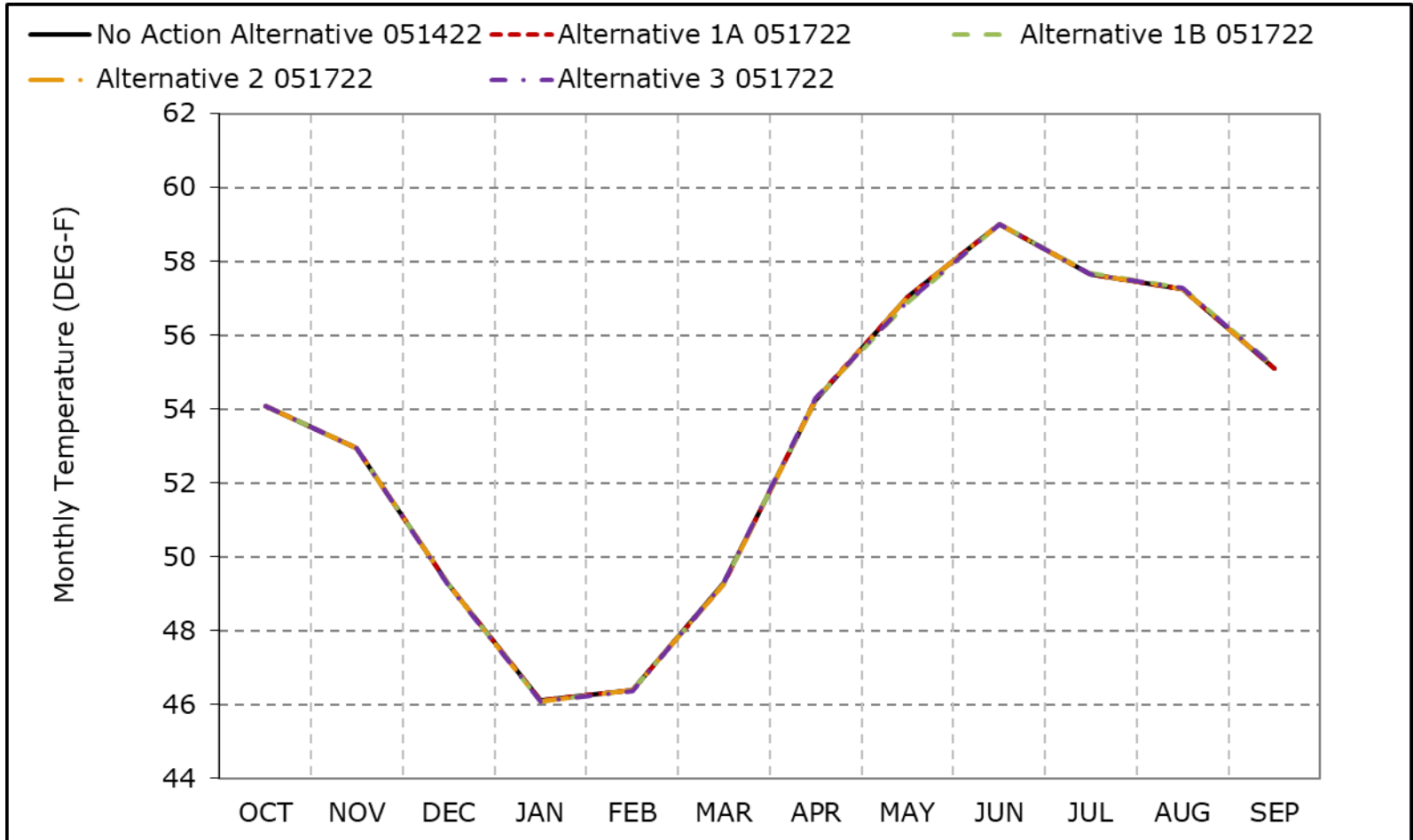


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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

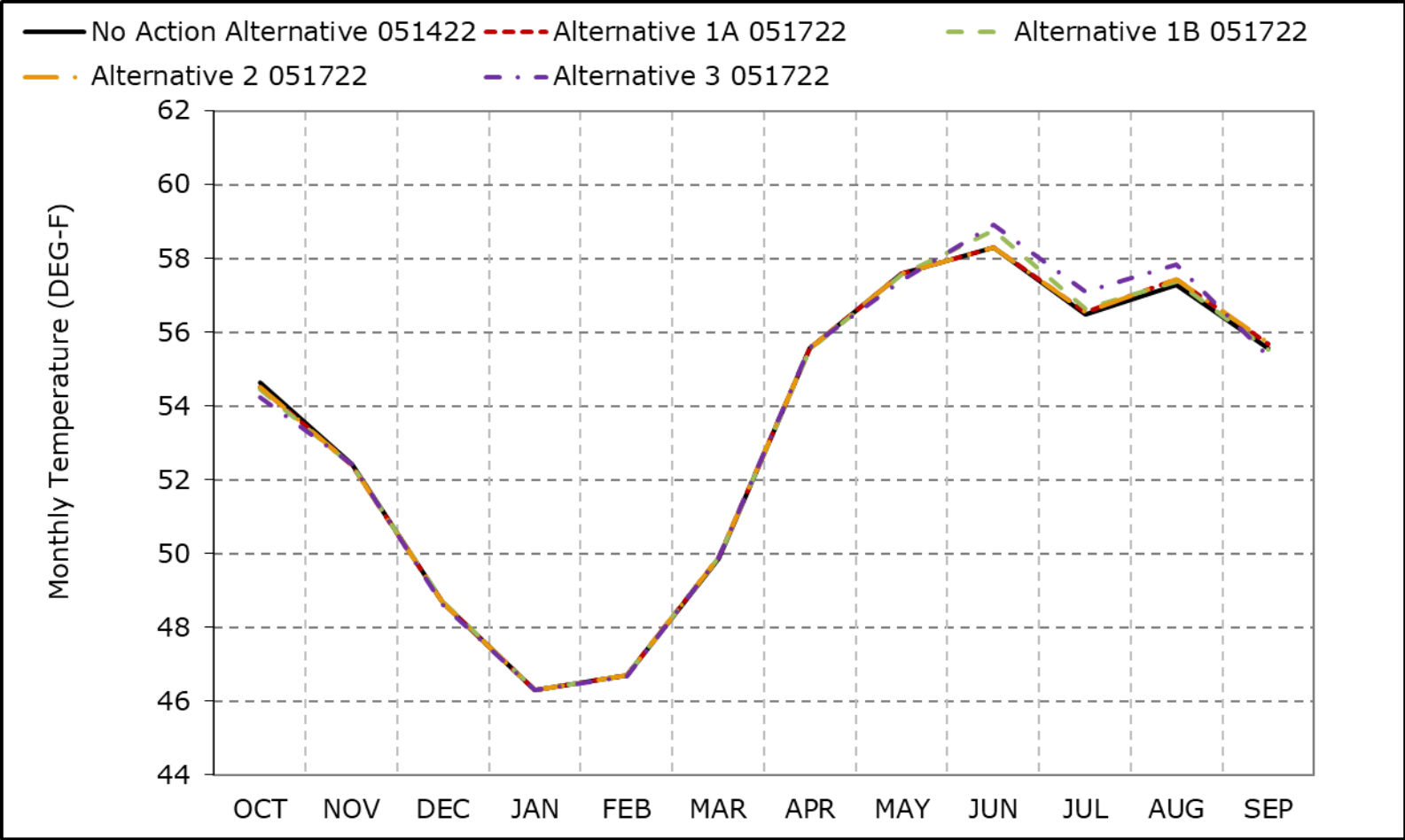


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

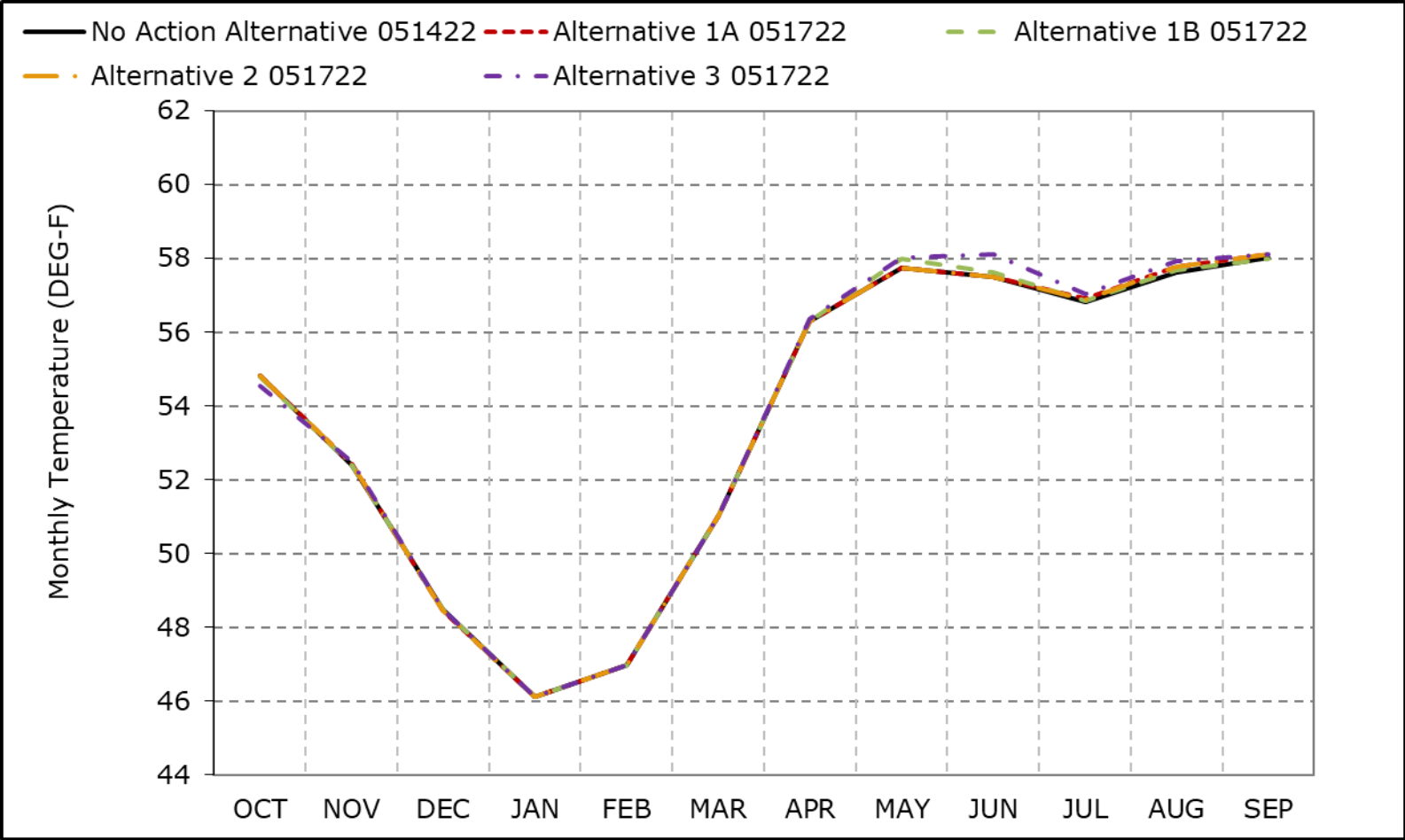
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-10-3. Sacramento River at Red Bluff, Above Normal Year Average Temperature



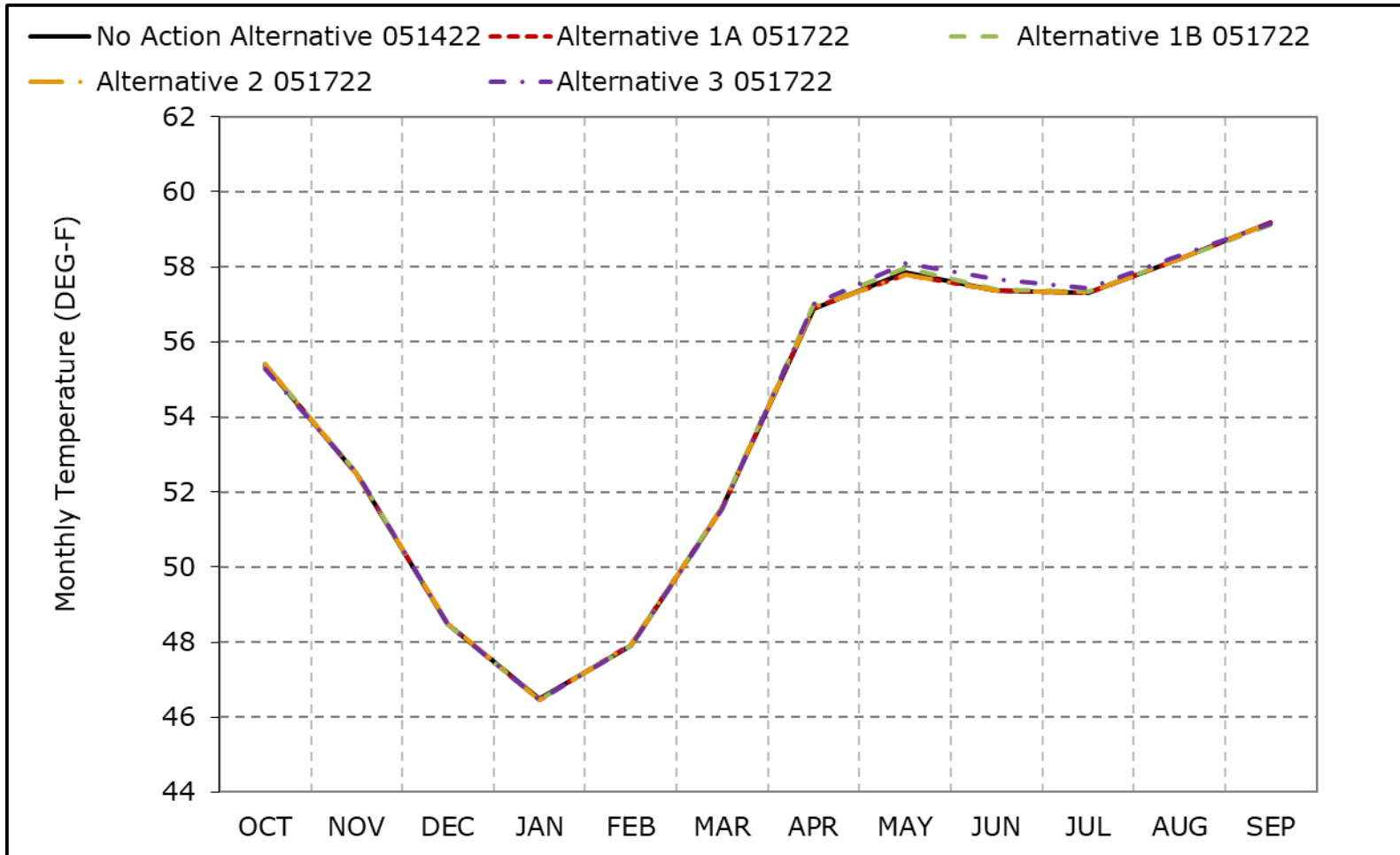
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
 *These results are displayed with calendar year - year type sorting.
 *All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-10-4. Sacramento River at Red Bluff, 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-10-5. Sacramento River at Red Bluff, Dry Year Average Temperature

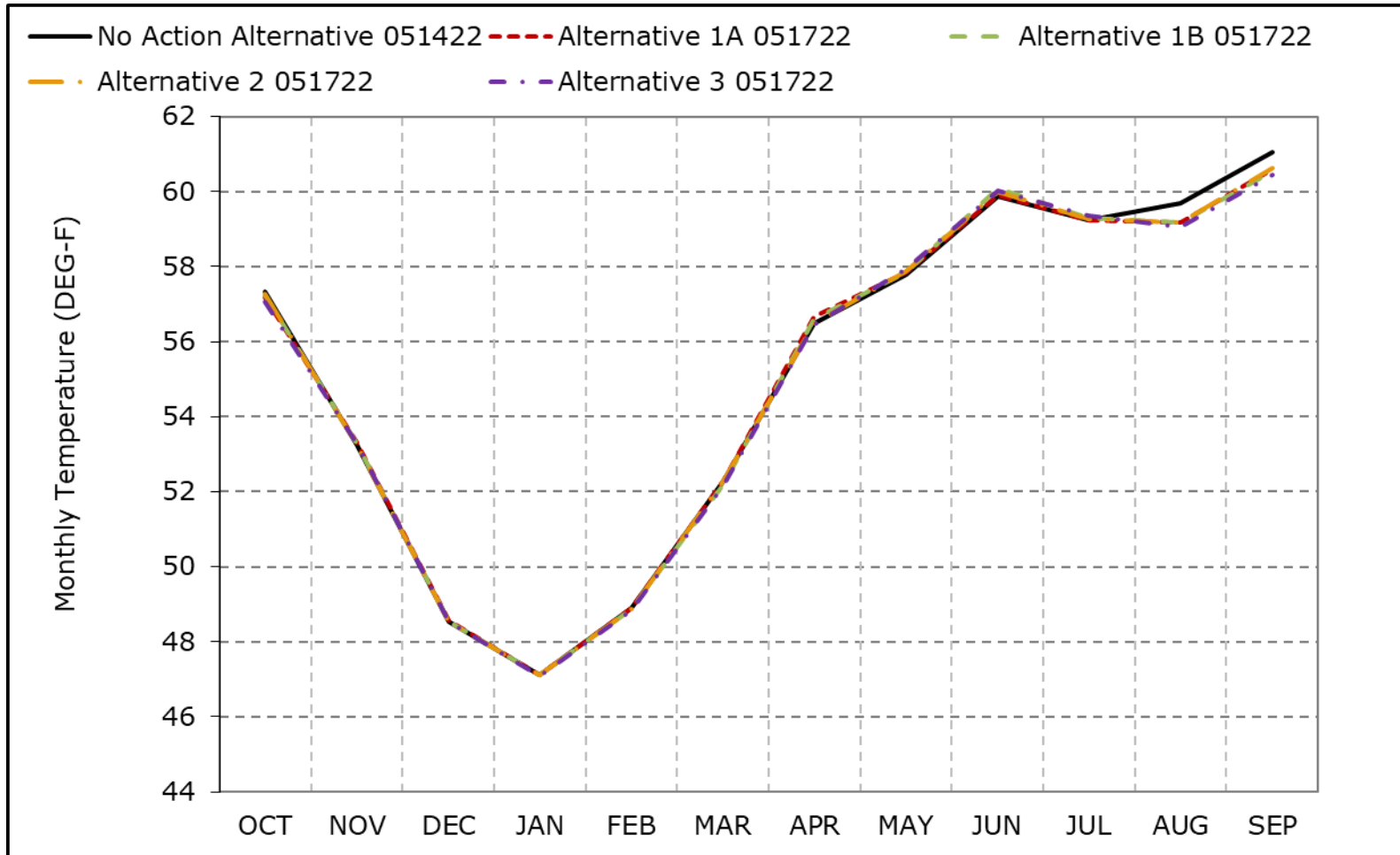


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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

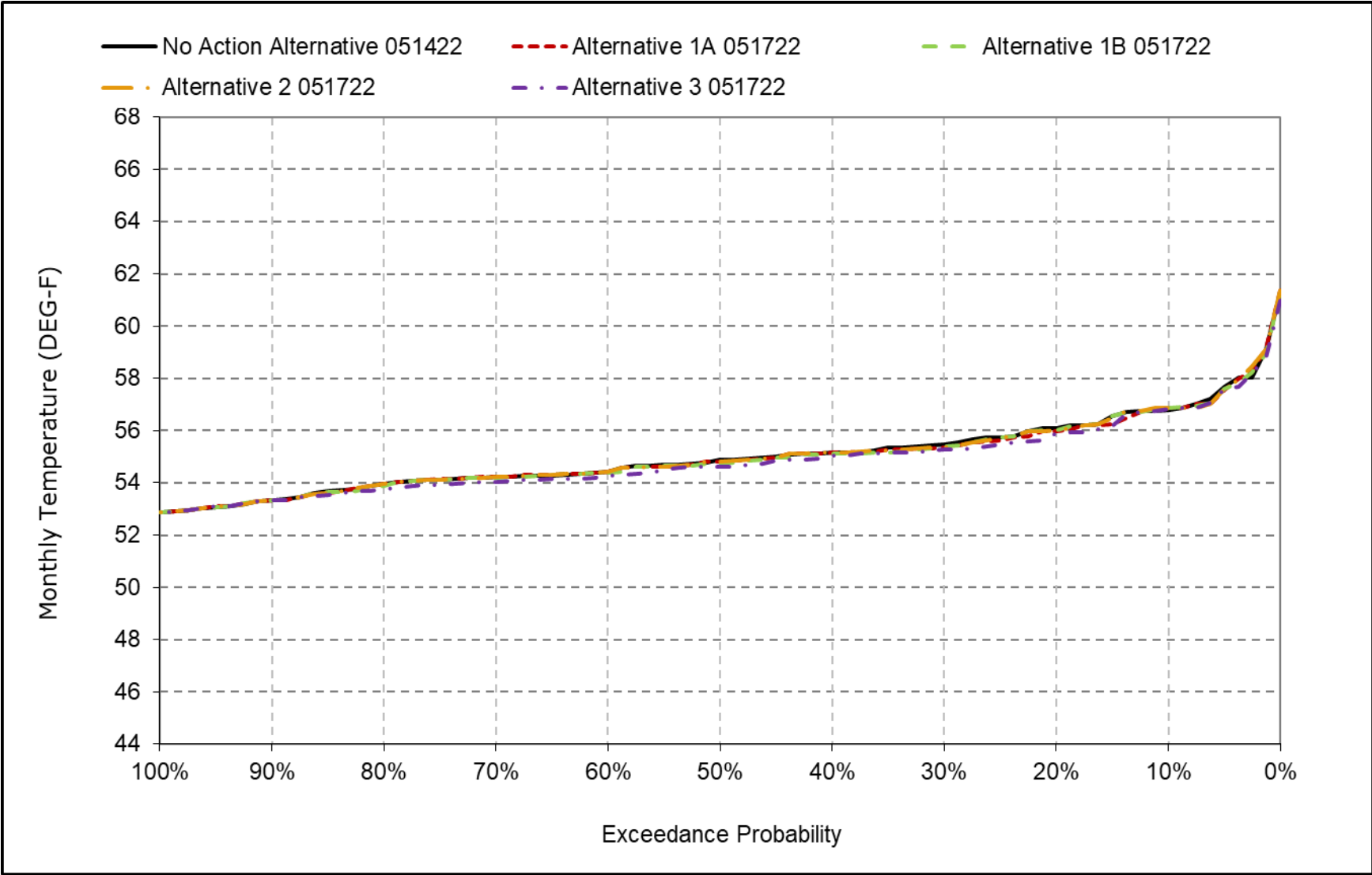


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

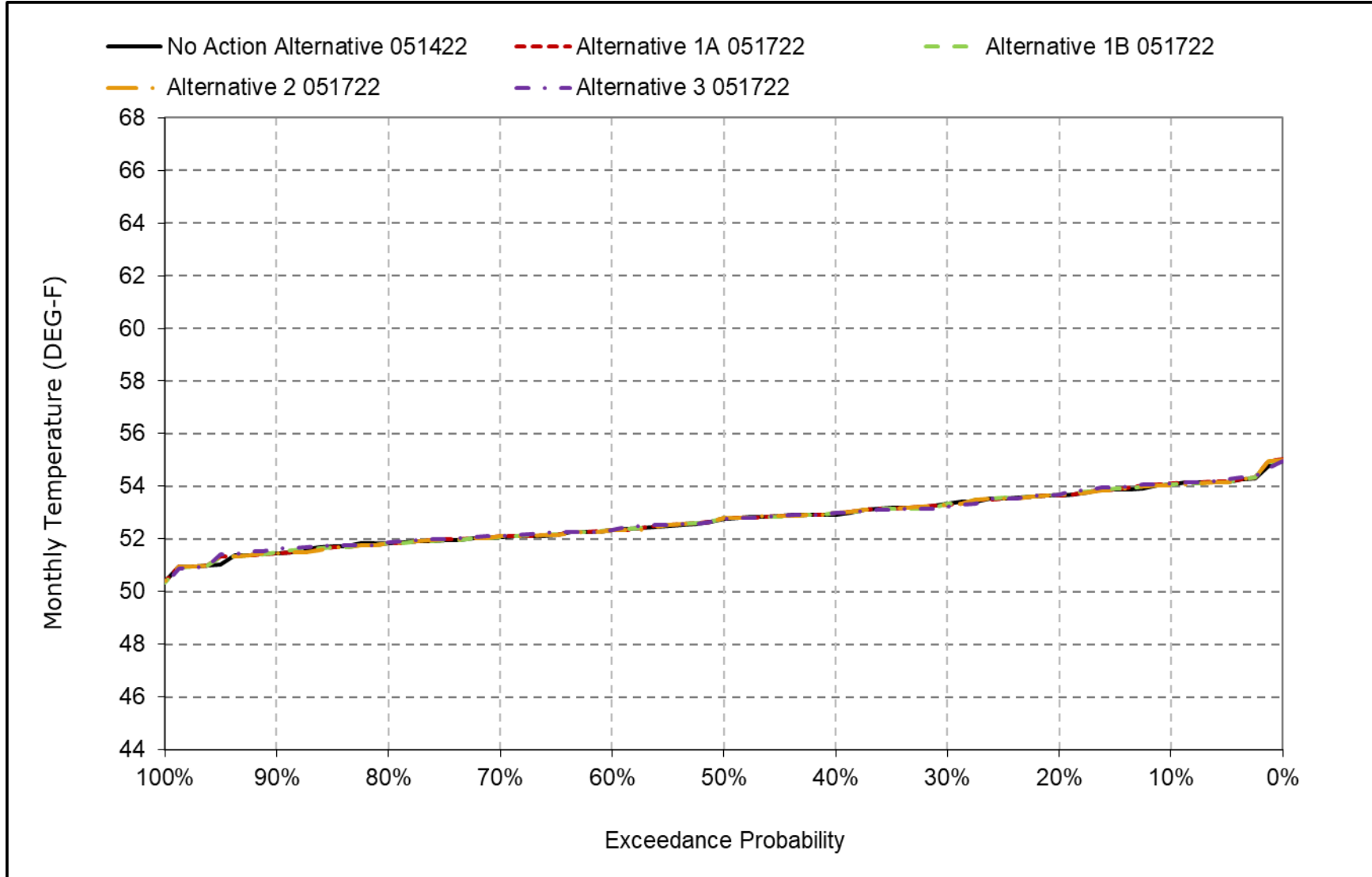
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-10-7. Sacramento River at Red Bluff, October



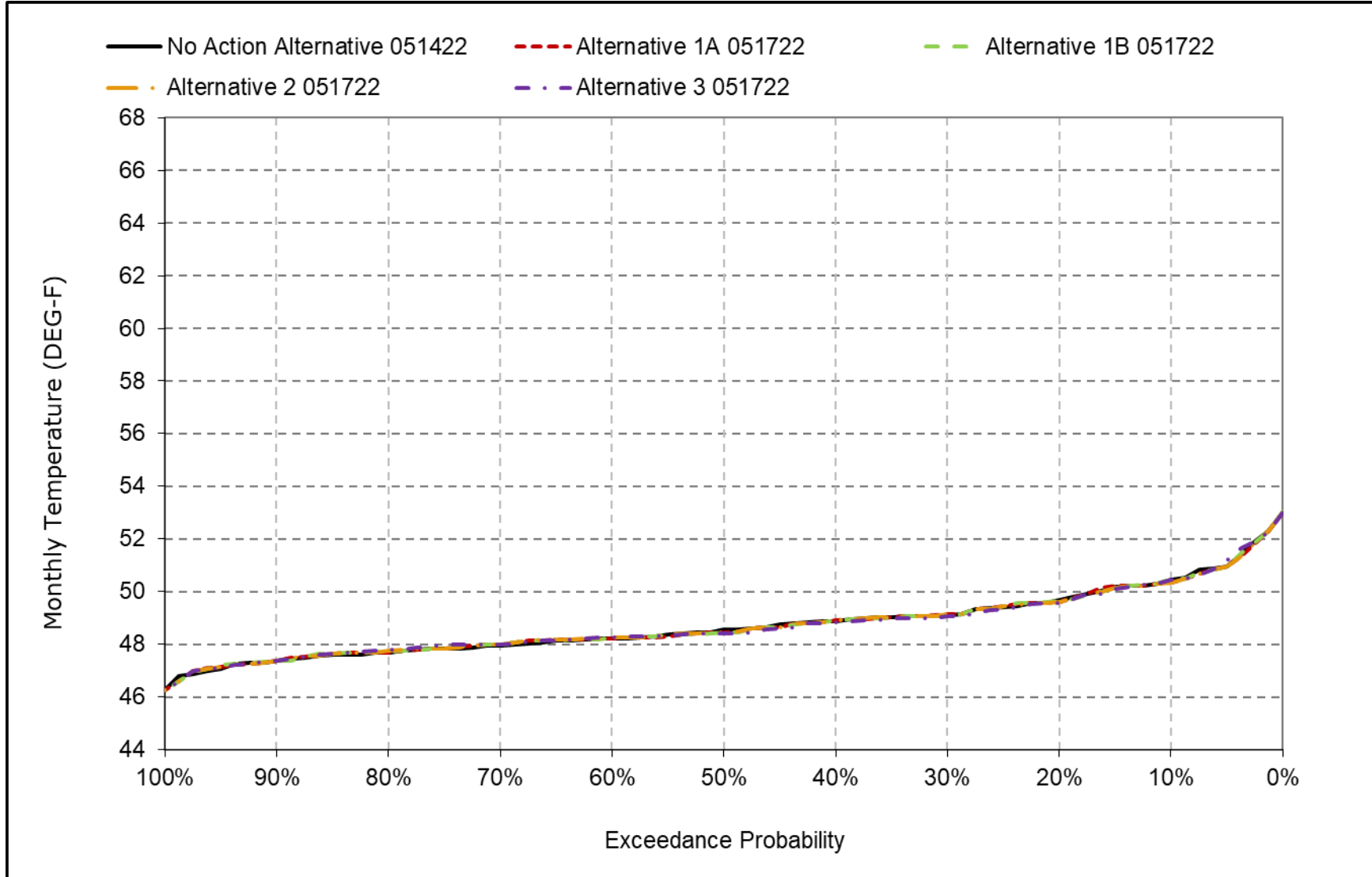
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-10-8. Sacramento River at Red Bluff, November



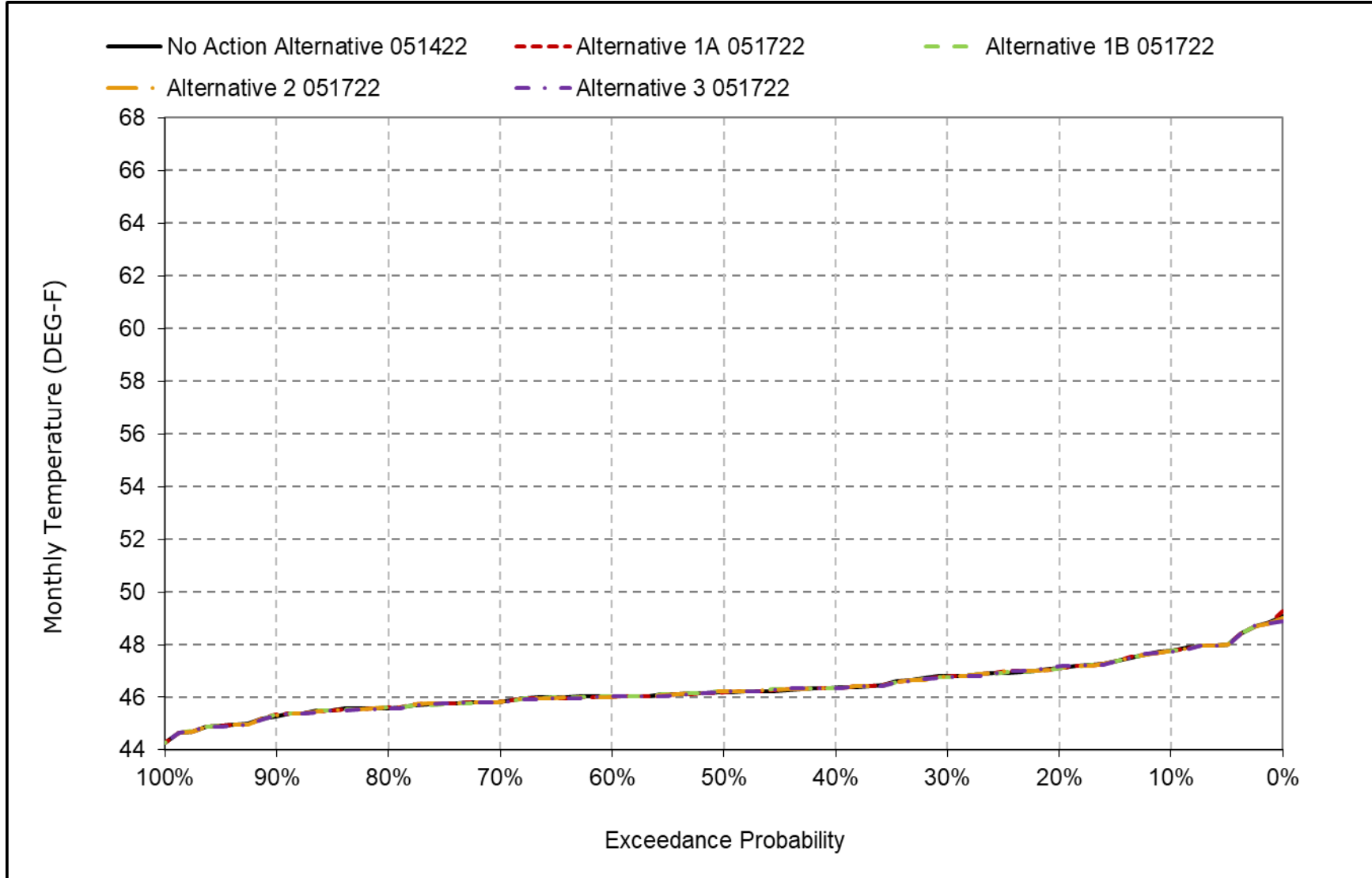
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-10-9. Sacramento River at Red Bluff, December



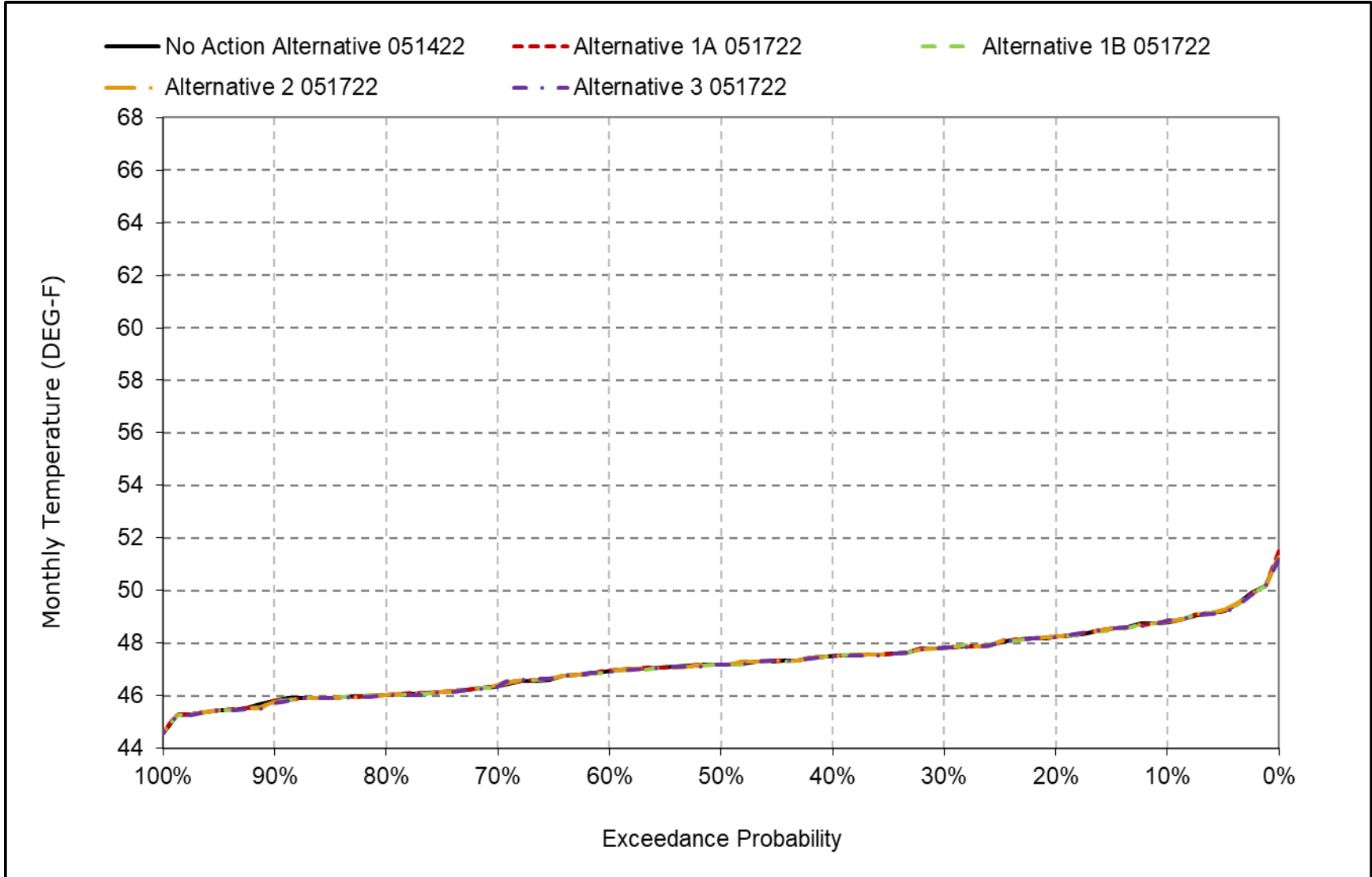
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-10-10. Sacramento River at Red Bluff, January



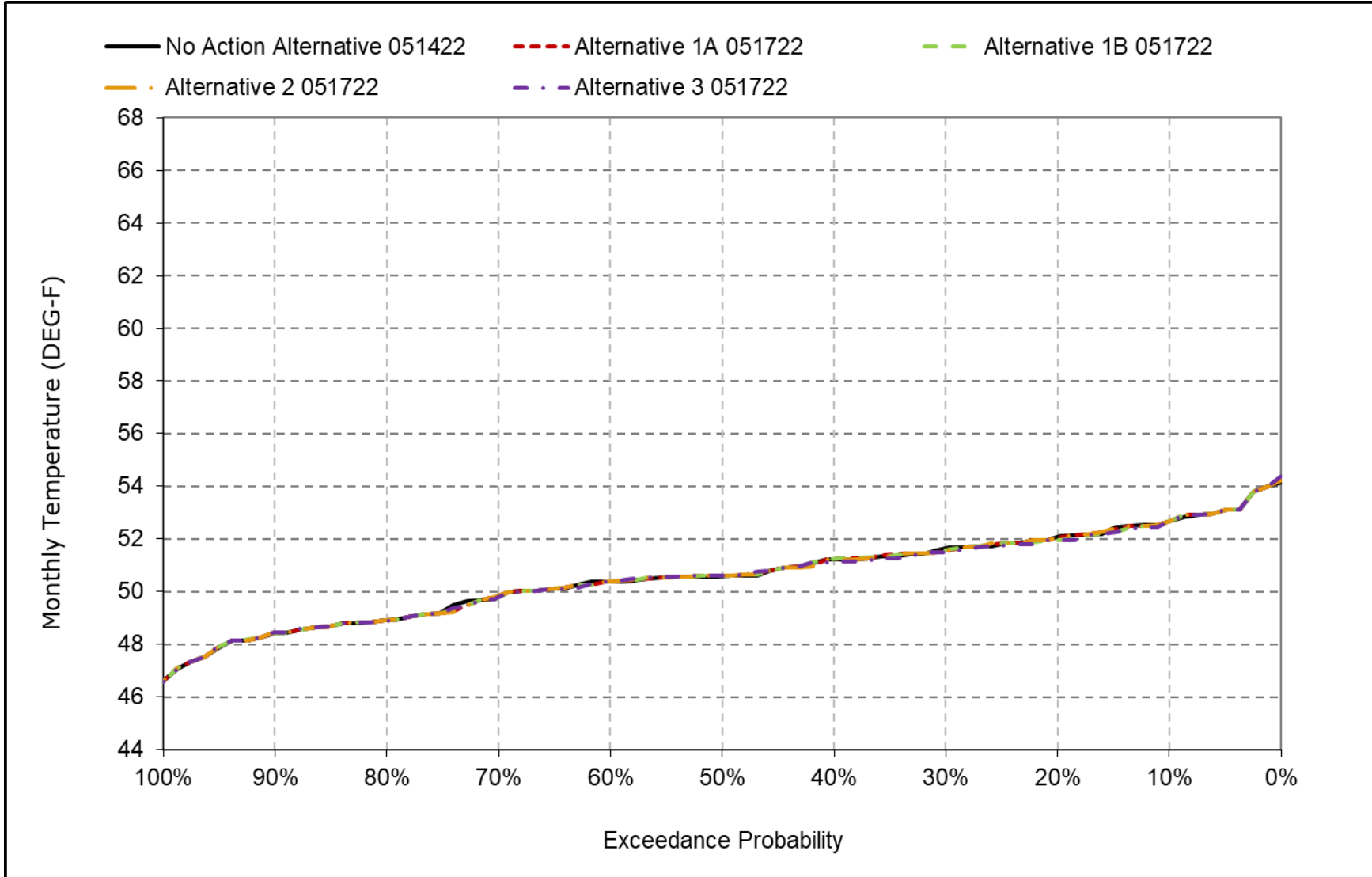
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-10-11. Sacramento River at Red Bluff, February



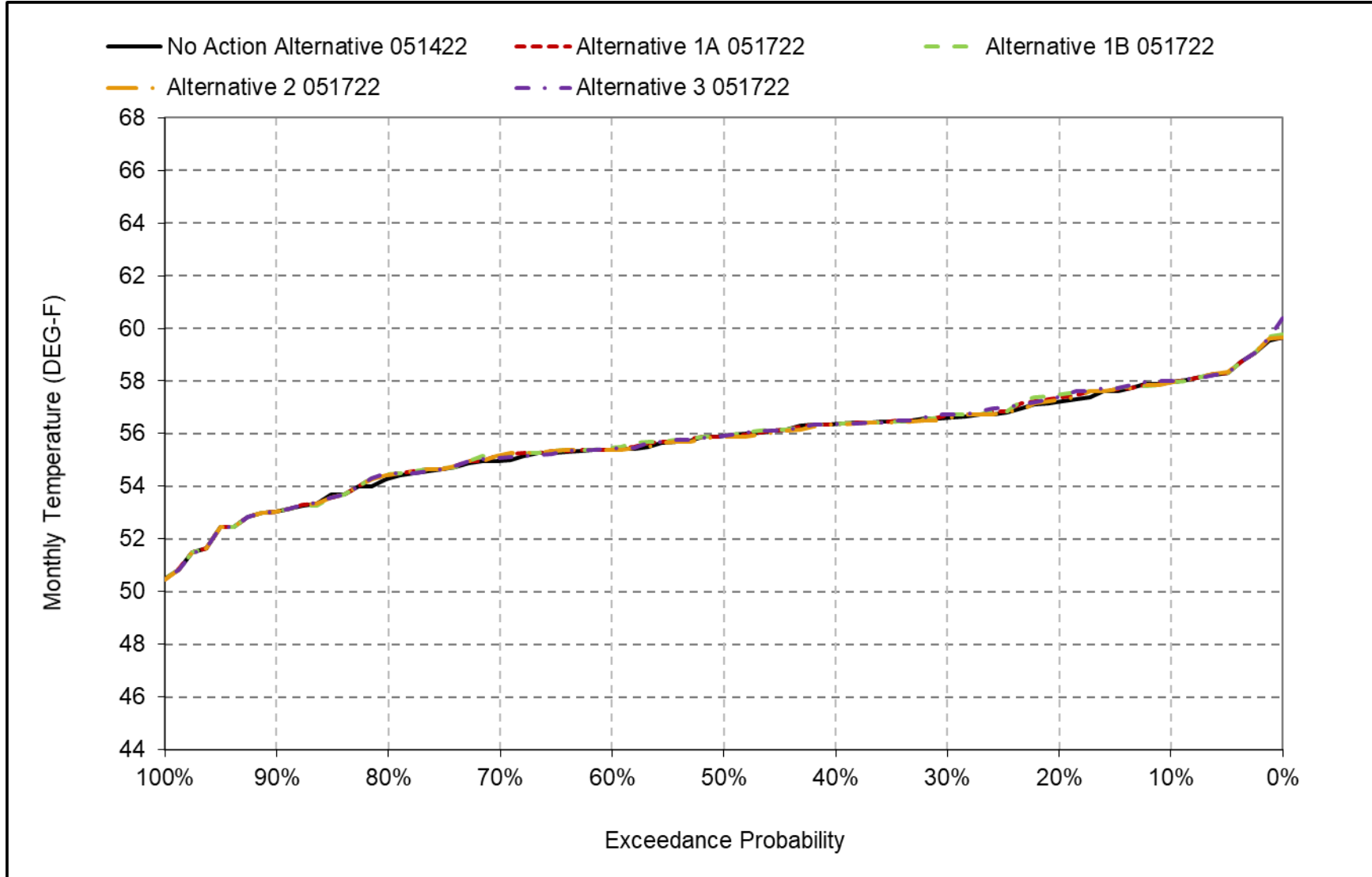
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-10-12. Sacramento River at Red Bluff, March



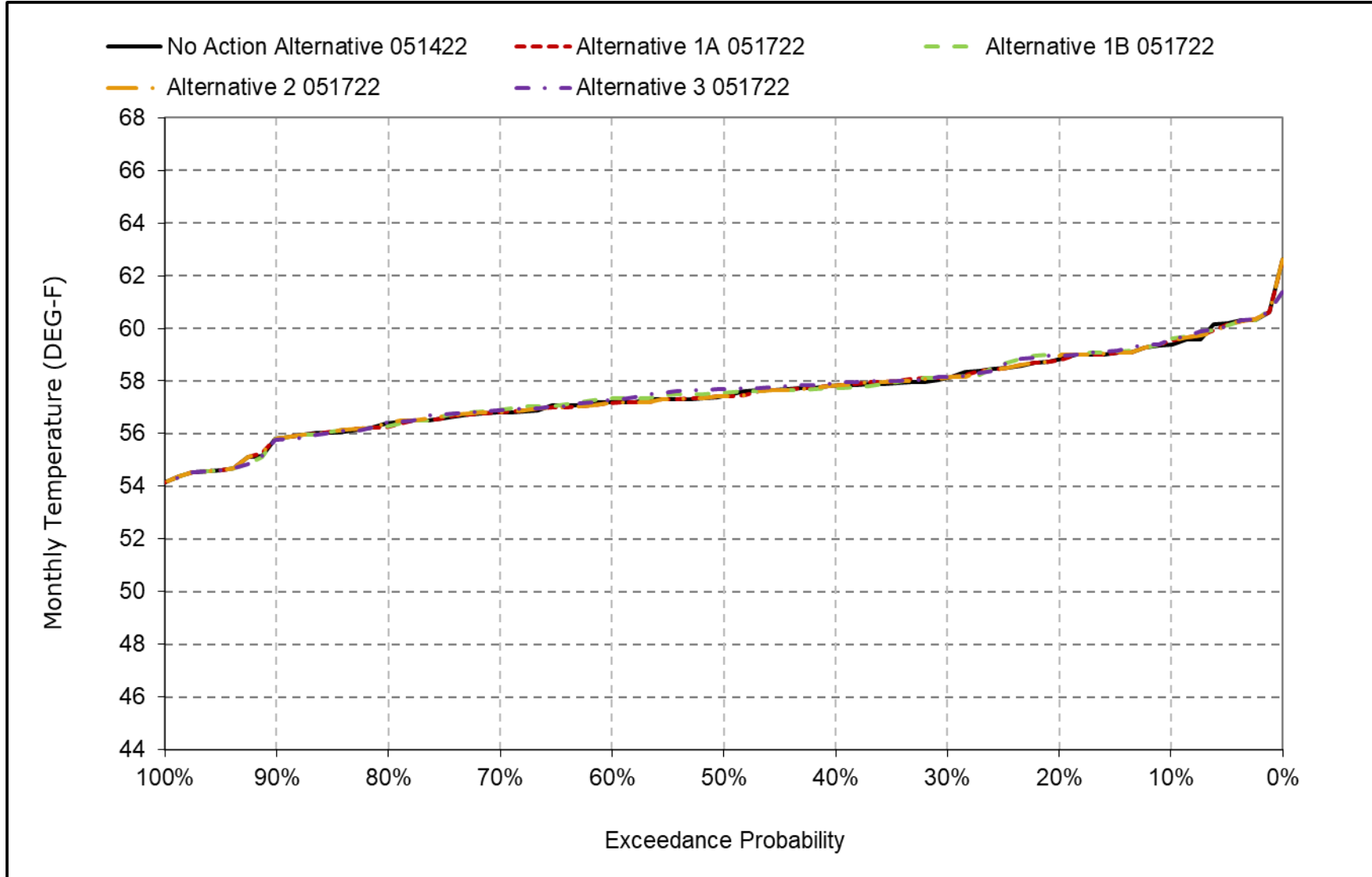
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-10-13. Sacramento River at Red Bluff, April



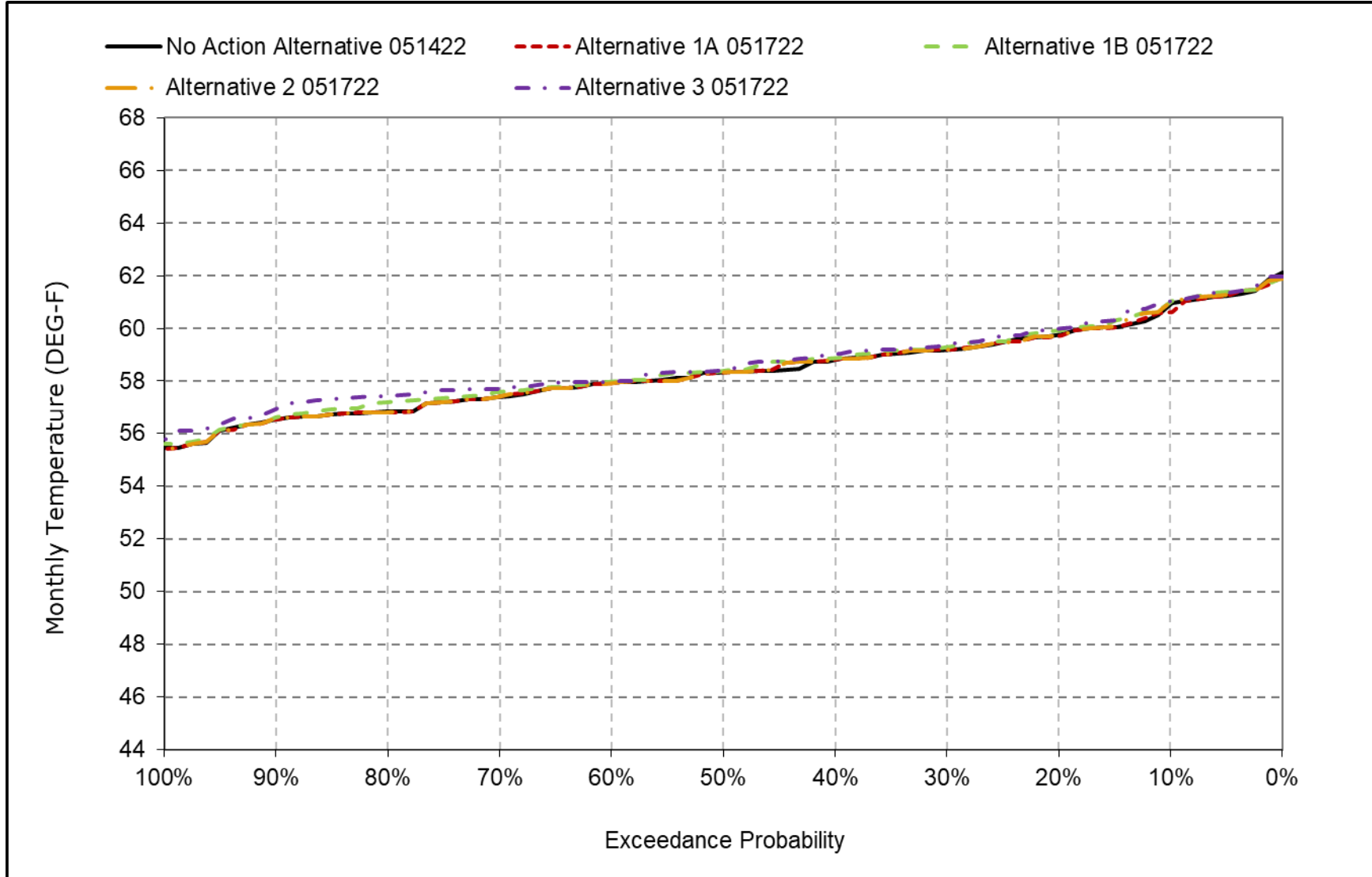
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-10-14. Sacramento River at Red Bluff, May



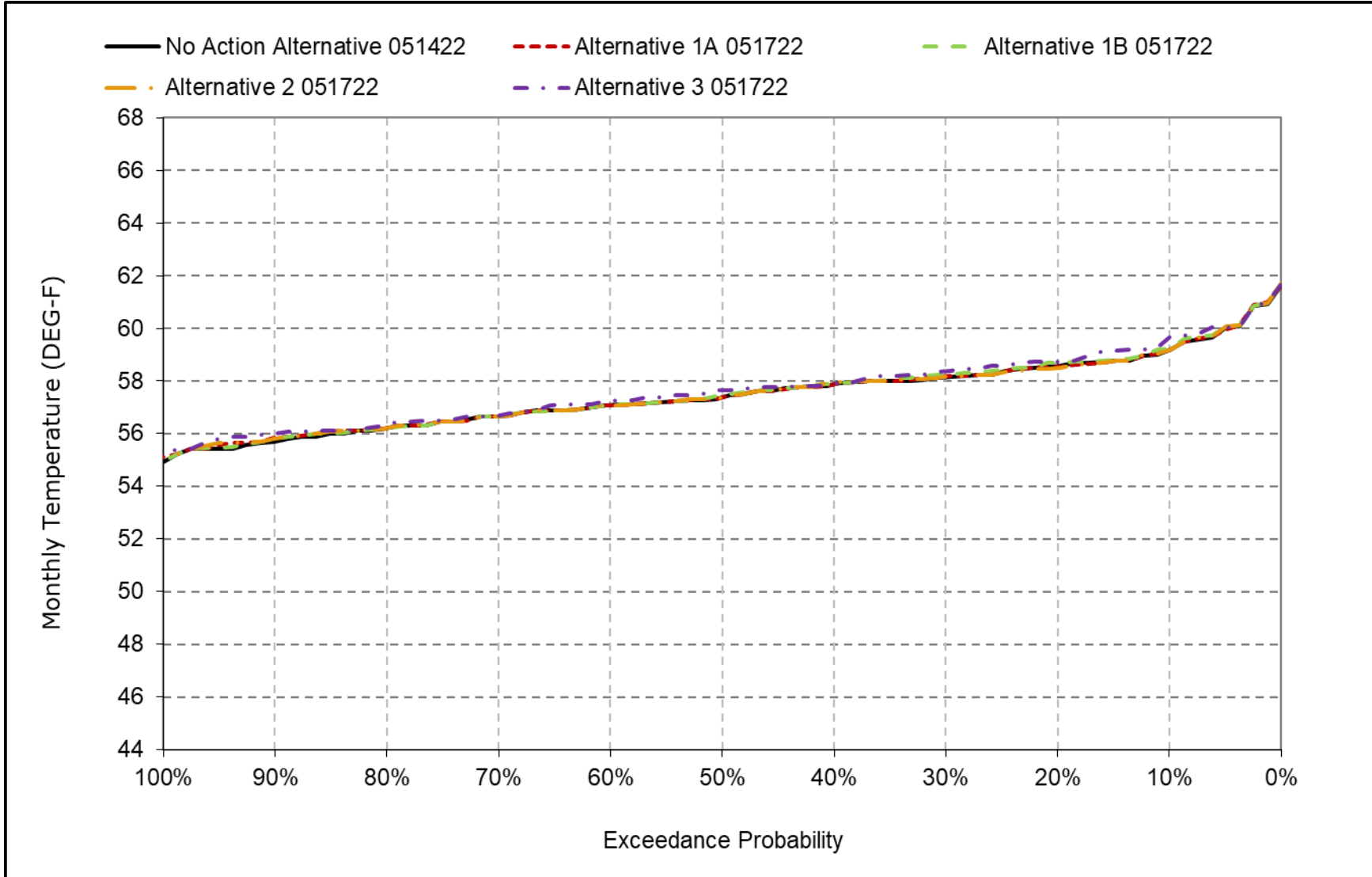
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-10-15. Sacramento River at Red Bluff, June



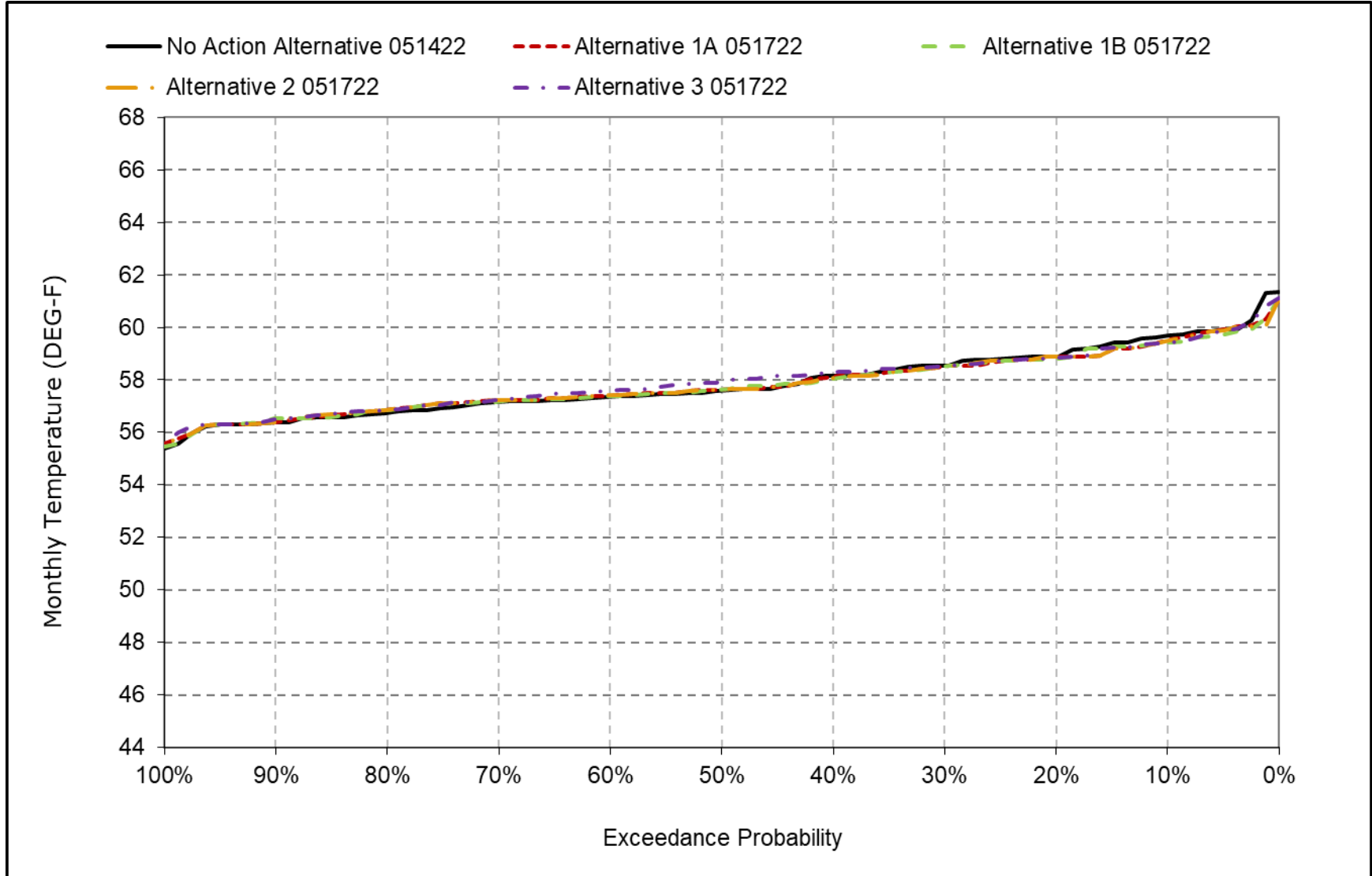
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-10-16. Sacramento River at Red Bluff, July



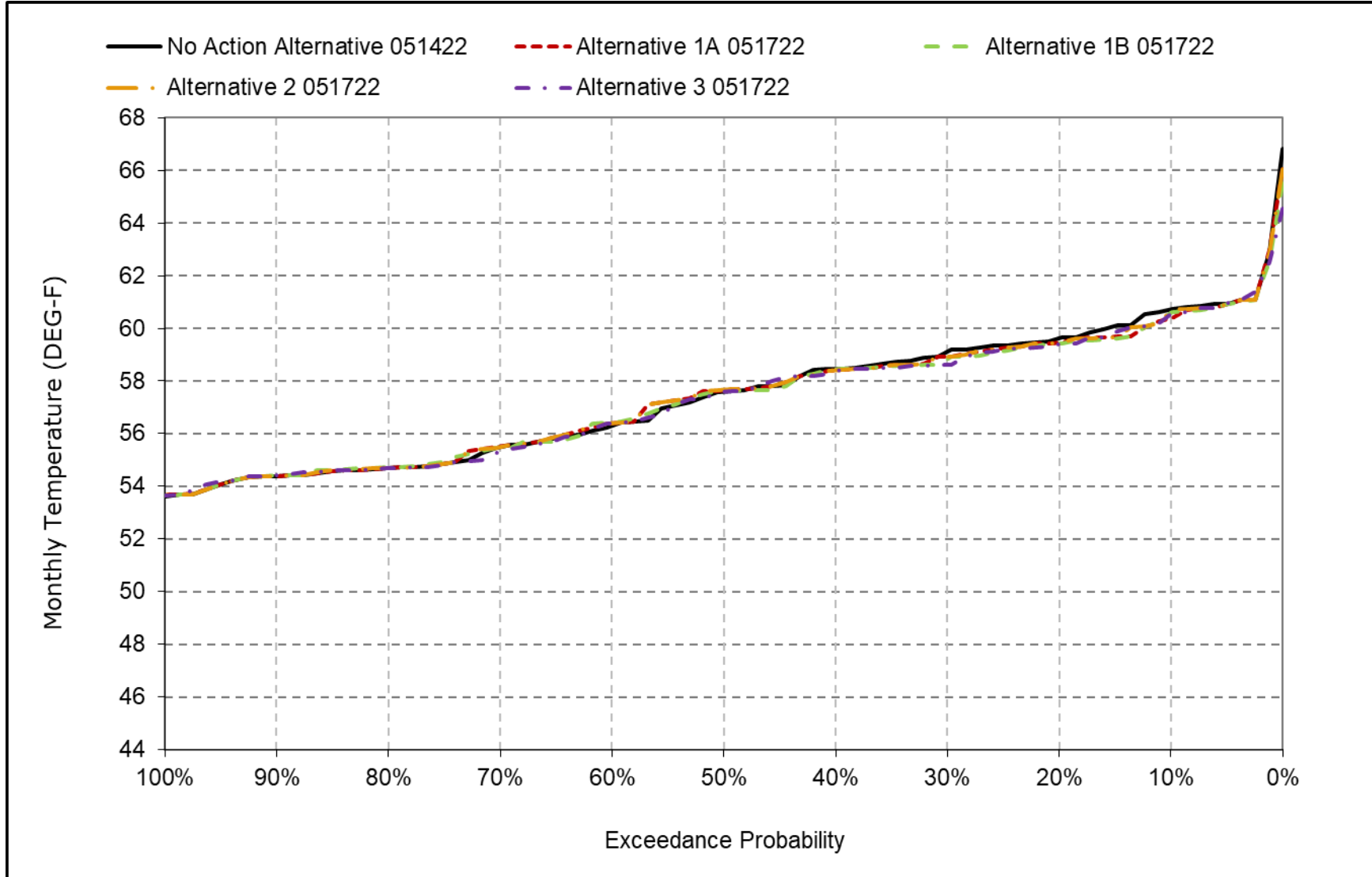
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	58.8	54.4	49.8	47.7	49.6	54.4	60.3	63.0	65.2	64.6	64.6	64.9
20% Exceedance	58.3	53.9	49.0	47.1	49.0	53.5	59.4	62.5	64.3	63.7	64.0	63.8
30% Exceedance	57.7	53.6	48.6	46.8	48.4	52.9	58.7	61.8	63.9	63.2	63.4	63.2
40% Exceedance	57.4	52.9	48.4	46.4	48.0	52.2	58.4	61.4	63.4	62.8	62.8	62.6
50% Exceedance	56.9	52.7	48.1	46.2	47.8	51.8	57.7	61.0	62.8	62.2	62.2	61.6
60% Exceedance	56.6	52.4	47.9	46.0	47.3	51.3	57.3	60.7	62.5	61.7	61.9	60.0
70% Exceedance	56.2	52.1	47.6	45.8	47.1	50.7	56.6	60.0	62.1	61.1	61.6	59.0
80% Exceedance	55.9	51.9	47.3	45.6	46.4	49.8	55.4	59.4	61.1	60.5	61.0	58.0
90% Exceedance	55.2	51.6	47.1	45.3	46.2	49.2	54.2	58.4	60.6	59.9	60.6	57.6
Full Simulation Period Average^a	57.1	52.8	48.3	46.4	47.8	51.7	57.5	60.9	62.8	62.3	62.5	61.2
Wet Water Years (32%)	55.9	53.1	48.8	46.1	46.8	50.2	55.6	60.0	63.6	62.5	61.7	58.4
Above Normal Years (15%)	56.7	52.4	48.3	46.3	47.1	50.8	57.1	61.0	63.0	61.0	61.7	59.1
Below Normal Years (17%)	56.9	52.5	48.1	46.1	47.5	52.2	58.1	61.3	61.9	61.5	62.3	62.2
Dry Years (22%)	57.7	52.6	48.1	46.4	48.6	52.8	58.9	61.3	61.7	62.0	62.9	63.5
Critical (15%)	59.3	53.4	48.1	47.1	49.7	53.9	59.2	61.3	63.9	64.3	64.5	65.2

Table 6C-11-1b. Sacramento River below Hamilton City, Alternative 1A 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	58.8	54.4	49.8	47.7	49.6	54.4	60.3	63.0	65.1	64.6	64.3	64.8
20% Exceedance	58.2	53.9	49.0	47.1	49.0	53.6	59.3	62.5	64.4	63.7	63.7	63.7
30% Exceedance	57.6	53.6	48.6	46.8	48.4	52.9	58.7	61.8	64.0	63.3	63.2	63.0
40% Exceedance	57.3	52.9	48.3	46.4	48.0	52.3	58.5	61.4	63.4	62.7	62.7	62.5
50% Exceedance	56.9	52.7	48.1	46.2	47.8	51.9	57.8	60.9	62.8	62.2	62.2	61.7
60% Exceedance	56.5	52.4	47.9	46.0	47.4	51.4	57.3	60.7	62.5	61.7	62.0	60.1
70% Exceedance	56.3	52.1	47.7	45.8	47.1	50.8	56.7	60.1	62.0	61.1	61.8	59.1
80% Exceedance	55.9	51.9	47.4	45.6	46.4	49.8	55.5	59.3	61.1	60.5	61.1	58.0
90% Exceedance	55.2	51.6	47.0	45.3	46.2	49.2	54.2	58.4	60.6	60.1	60.6	57.6
Full Simulation Period Average^a	57.1	52.8	48.3	46.3	47.8	51.8	57.5	60.9	62.9	62.3	62.4	61.2
Wet Water Years (32%)	55.9	53.1	48.8	46.1	46.9	50.2	55.6	60.1	63.6	62.5	61.7	58.4
Above Normal Years (15%)	56.6	52.4	48.3	46.3	47.1	50.8	57.1	61.0	63.0	61.1	61.9	59.3
Below Normal Years (17%)	56.9	52.5	48.0	46.1	47.5	52.2	58.1	61.3	61.9	61.6	62.5	62.3
Dry Years (22%)	57.7	52.7	48.1	46.4	48.6	52.8	58.9	61.3	61.7	61.9	62.9	63.4
Critical (15%)	59.1	53.5	48.1	47.1	49.7	53.9	59.4	61.4	64.0	64.3	63.9	64.6

Table 6C-11-1c. Sacramento River below Hamilton City, Alternative 1A 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.3	-0.1
20% Exceedance	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.1	0.0	-0.3	-0.2
30% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.2	-0.2
40% Exceedance	-0.1	0.0	-0.1	0.0	0.0	0.1	0.1	0.0	0.1	-0.1	-0.1	-0.1
50% Exceedance	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
60% Exceedance	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0
70% Exceedance	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.2	0.1
80% Exceedance	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% Exceedance	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (15%)	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.2	0.2
Below Normal Years (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1
Dry Years (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%)	-0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1	0.0	-0.7	-0.6

^a Based on the 82-year simulation period.

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

* 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.

Table 6C-11-2a. Sacramento River below Hamilton City, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	58.8	54.4	49.8	47.7	49.6	54.4	60.3	63.0	65.2	64.6	64.6	64.9
20% Exceedance	58.3	53.9	49.0	47.1	49.0	53.5	59.4	62.5	64.3	63.7	64.0	63.8
30% Exceedance	57.7	53.6	48.6	46.8	48.4	52.9	58.7	61.8	63.9	63.2	63.4	63.2
40% Exceedance	57.4	52.9	48.4	46.4	48.0	52.2	58.4	61.4	63.4	62.8	62.8	62.6
50% Exceedance	56.9	52.7	48.1	46.2	47.8	51.8	57.7	61.0	62.8	62.2	62.2	61.6
60% Exceedance	56.6	52.4	47.9	46.0	47.3	51.3	57.3	60.7	62.5	61.7	61.9	60.0
70% Exceedance	56.2	52.1	47.6	45.8	47.1	50.7	56.6	60.0	62.1	61.1	61.6	59.0
80% Exceedance	55.9	51.9	47.3	45.6	46.4	49.8	55.4	59.4	61.1	60.5	61.0	58.0
90% Exceedance	55.2	51.6	47.1	45.3	46.2	49.2	54.2	58.4	60.6	59.9	60.6	57.6
Full Simulation Period Average^a	57.1	52.8	48.3	46.4	47.8	51.7	57.5	60.9	62.8	62.3	62.5	61.2
Wet Water Years (32%)	55.9	53.1	48.8	46.1	46.8	50.2	55.6	60.0	63.6	62.5	61.7	58.4
Above Normal Years (15%)	56.7	52.4	48.3	46.3	47.1	50.8	57.1	61.0	63.0	61.0	61.7	59.1
Below Normal Years (17%)	56.9	52.5	48.1	46.1	47.5	52.2	58.1	61.3	61.9	61.5	62.3	62.2
Dry Years (22%)	57.7	52.6	48.1	46.4	48.6	52.8	58.9	61.3	61.7	62.0	62.9	63.5
Critical (15%)	59.3	53.4	48.1	47.1	49.7	53.9	59.2	61.3	63.9	64.3	64.5	65.2

Table 6C-11-2b. Sacramento River below Hamilton City, Alternative 1B 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	58.8	54.4	49.8	47.7	49.6	54.3	60.3	63.0	65.5	64.6	64.3	64.7
20% Exceedance	58.2	53.9	49.0	47.1	49.0	53.5	59.4	62.6	64.5	63.9	63.7	63.4
30% Exceedance	57.6	53.5	48.6	46.8	48.4	52.9	58.9	61.8	64.0	63.3	63.2	63.0
40% Exceedance	57.2	52.9	48.3	46.4	48.0	52.4	58.5	61.4	63.4	62.7	62.7	62.5
50% Exceedance	56.9	52.7	48.1	46.2	47.8	51.9	57.9	61.0	62.9	62.1	62.2	61.6
60% Exceedance	56.5	52.4	47.9	46.0	47.4	51.4	57.4	60.8	62.5	61.7	61.9	60.1
70% Exceedance	56.2	52.1	47.7	45.8	47.1	50.8	56.7	60.1	62.1	61.2	61.7	59.0
80% Exceedance	55.8	51.9	47.4	45.6	46.4	49.8	55.5	59.3	61.3	60.5	61.1	58.0
90% Exceedance	55.2	51.7	47.0	45.3	46.2	49.2	54.2	58.4	60.6	60.1	60.6	57.6
Full Simulation Period Average^a	57.0	52.8	48.3	46.3	47.8	51.8	57.5	60.9	63.0	62.3	62.4	61.2
Wet Water Years (32%)	55.9	53.1	48.8	46.1	46.8	50.2	55.6	59.9	63.6	62.5	61.8	58.5
Above Normal Years (15%)	56.5	52.3	48.3	46.3	47.1	50.8	57.1	61.0	63.5	61.1	61.9	59.1
Below Normal Years (17%)	56.9	52.5	48.0	46.1	47.5	52.2	58.1	61.5	62.0	61.5	62.3	62.2
Dry Years (22%)	57.7	52.7	48.1	46.4	48.6	52.8	59.0	61.4	61.7	62.0	62.9	63.4
Critical (15%)	59.1	53.5	48.1	47.1	49.7	53.8	59.4	61.5	64.2	64.4	63.9	64.6

Table 6C-11-2c. Sacramento River below Hamilton City, Alternative 1B 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.3	0.0	-0.3	-0.2
20% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	-0.3	-0.4
30% Exceedance	-0.1	-0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.1	0.0	-0.2	-0.2
40% Exceedance	-0.2	0.0	-0.1	0.0	0.0	0.1	0.2	0.0	0.1	0.0	-0.1	-0.1
50% Exceedance	0.0	0.0	-0.1	0.0	-0.1	0.1	0.1	0.1	0.1	-0.1	0.0	0.0
60% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.0
70% Exceedance	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.0
80% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.2	0.0	0.1	0.0
90% Exceedance	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.0
Full Simulation Period Average^a	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	-0.1	-0.1
Wet Water Years (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.1
Above Normal Years (15%)	-0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.5	0.1	0.1	0.0
Below Normal Years (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.1	0.0
Dry Years (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	-0.1
Critical (15%)	-0.2	0.0	0.0	0.0	0.0	-0.1	0.2	0.1	0.3	0.0	-0.7	-0.6

^a Based on the 82-year simulation period.

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

* 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.

Table 6C-11-3a. Sacramento River below Hamilton City, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	58.8	54.4	49.8	47.7	49.6	54.4	60.3	63.0	65.2	64.6	64.6	64.9
20% Exceedance	58.3	53.9	49.0	47.1	49.0	53.5	59.4	62.5	64.3	63.7	64.0	63.8
30% Exceedance	57.7	53.6	48.6	46.8	48.4	52.9	58.7	61.8	63.9	63.2	63.4	63.2
40% Exceedance	57.4	52.9	48.4	46.4	48.0	52.2	58.4	61.4	63.4	62.8	62.8	62.6
50% Exceedance	56.9	52.7	48.1	46.2	47.8	51.8	57.7	61.0	62.8	62.2	62.2	61.6
60% Exceedance	56.6	52.4	47.9	46.0	47.3	51.3	57.3	60.7	62.5	61.7	61.9	60.0
70% Exceedance	56.2	52.1	47.6	45.8	47.1	50.7	56.6	60.0	62.1	61.1	61.6	59.0
80% Exceedance	55.9	51.9	47.3	45.6	46.4	49.8	55.4	59.4	61.1	60.5	61.0	58.0
90% Exceedance	55.2	51.6	47.1	45.3	46.2	49.2	54.2	58.4	60.6	59.9	60.6	57.6
Full Simulation Period Average^a	57.1	52.8	48.3	46.4	47.8	51.7	57.5	60.9	62.8	62.3	62.5	61.2
Wet Water Years (32%)	55.9	53.1	48.8	46.1	46.8	50.2	55.6	60.0	63.6	62.5	61.7	58.4
Above Normal Years (15%)	56.7	52.4	48.3	46.3	47.1	50.8	57.1	61.0	63.0	61.0	61.7	59.1
Below Normal Years (17%)	56.9	52.5	48.1	46.1	47.5	52.2	58.1	61.3	61.9	61.5	62.3	62.2
Dry Years (22%)	57.7	52.6	48.1	46.4	48.6	52.8	58.9	61.3	61.7	62.0	62.9	63.5
Critical (15%)	59.3	53.4	48.1	47.1	49.7	53.9	59.2	61.3	63.9	64.3	64.5	65.2

Table 6C-11-3b. Sacramento River below Hamilton City, Alternative 2 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	58.7	54.4	49.8	47.7	49.6	54.4	60.3	63.0	65.3	64.6	64.3	64.8
20% Exceedance	58.2	53.9	49.0	47.1	49.0	53.6	59.3	62.6	64.4	63.6	63.7	63.7
30% Exceedance	57.6	53.6	48.6	46.8	48.4	52.9	58.7	61.8	64.0	63.2	63.2	63.0
40% Exceedance	57.3	52.9	48.3	46.4	48.0	52.3	58.5	61.4	63.4	62.8	62.7	62.5
50% Exceedance	56.9	52.7	48.1	46.2	47.8	51.9	57.7	60.9	62.8	62.2	62.2	61.7
60% Exceedance	56.5	52.4	47.9	46.0	47.4	51.4	57.3	60.7	62.5	61.7	62.0	60.1
70% Exceedance	56.2	52.1	47.7	45.8	47.1	50.8	56.7	60.1	62.1	61.1	61.8	59.1
80% Exceedance	55.9	51.9	47.4	45.6	46.4	49.8	55.5	59.4	61.1	60.5	61.2	58.0
90% Exceedance	55.2	51.6	47.0	45.3	46.2	49.2	54.2	58.4	60.6	60.1	60.6	57.6
Full Simulation Period Average^a	57.1	52.8	48.3	46.3	47.8	51.8	57.5	60.9	62.9	62.3	62.4	61.2
Wet Water Years (32%)	55.9	53.1	48.8	46.1	46.9	50.2	55.6	60.1	63.6	62.5	61.7	58.4
Above Normal Years (15%)	56.6	52.4	48.3	46.3	47.2	50.8	57.1	61.0	63.0	61.1	62.0	59.3
Below Normal Years (17%)	56.9	52.5	48.0	46.1	47.5	52.2	58.1	61.3	61.9	61.6	62.4	62.3
Dry Years (22%)	57.7	52.7	48.1	46.4	48.6	52.8	58.9	61.3	61.7	61.9	62.9	63.4
Critical (15%)	59.1	53.4	48.1	47.1	49.7	53.9	59.3	61.5	64.1	64.3	63.9	64.7

Table 6C-11-3c. Sacramento River below Hamilton City, Alternative 2 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-0.3	-0.1
20% Exceedance	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.2	-0.1	-0.3	-0.1
30% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.2	-0.2
40% Exceedance	-0.1	0.0	-0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.0	-0.1	-0.1
50% Exceedance	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
60% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0
70% Exceedance	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.2	0.1
80% Exceedance	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% Exceedance	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (15%)	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.2	0.2
Below Normal Years (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1
Dry Years (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%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	-0.7	-0.5

^a Based on the 82-year simulation period.

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

* 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.

Table 6C-11-4a. Sacramento River below Hamilton City, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	58.8	54.4	49.8	47.7	49.6	54.4	60.3	63.0	65.2	64.6	64.6	64.9
20% Exceedance	58.3	53.9	49.0	47.1	49.0	53.5	59.4	62.5	64.3	63.7	64.0	63.8
30% Exceedance	57.7	53.6	48.6	46.8	48.4	52.9	58.7	61.8	63.9	63.2	63.4	63.2
40% Exceedance	57.4	52.9	48.4	46.4	48.0	52.2	58.4	61.4	63.4	62.8	62.8	62.6
50% Exceedance	56.9	52.7	48.1	46.2	47.8	51.8	57.7	61.0	62.8	62.2	62.2	61.6
60% Exceedance	56.6	52.4	47.9	46.0	47.3	51.3	57.3	60.7	62.5	61.7	61.9	60.0
70% Exceedance	56.2	52.1	47.6	45.8	47.1	50.7	56.6	60.0	62.1	61.1	61.6	59.0
80% Exceedance	55.9	51.9	47.3	45.6	46.4	49.8	55.4	59.4	61.1	60.5	61.0	58.0
90% Exceedance	55.2	51.6	47.1	45.3	46.2	49.2	54.2	58.4	60.6	59.9	60.6	57.6
Full Simulation Period Average^a	57.1	52.8	48.3	46.4	47.8	51.7	57.5	60.9	62.8	62.3	62.5	61.2
Wet Water Years (32%)	55.9	53.1	48.8	46.1	46.8	50.2	55.6	60.0	63.6	62.5	61.7	58.4
Above Normal Years (15%)	56.7	52.4	48.3	46.3	47.1	50.8	57.1	61.0	63.0	61.0	61.7	59.1
Below Normal Years (17%)	56.9	52.5	48.1	46.1	47.5	52.2	58.1	61.3	61.9	61.5	62.3	62.2
Dry Years (22%)	57.7	52.6	48.1	46.4	48.6	52.8	58.9	61.3	61.7	62.0	62.9	63.5
Critical (15%)	59.3	53.4	48.1	47.1	49.7	53.9	59.2	61.3	63.9	64.3	64.5	65.2

Table 6C-11-4b. Sacramento River below Hamilton City, Alternative 3 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	58.7	54.4	49.8	47.7	49.6	54.3	60.3	63.0	65.6	64.8	64.4	64.8
20% Exceedance	58.0	53.9	49.0	47.1	49.0	53.4	59.4	62.7	64.6	64.0	63.7	63.7
30% Exceedance	57.5	53.6	48.6	46.8	48.4	52.9	58.8	61.8	64.1	63.4	63.3	62.9
40% Exceedance	57.1	52.9	48.3	46.4	48.0	52.3	58.5	61.5	63.5	62.8	62.8	62.5
50% Exceedance	56.7	52.7	48.0	46.2	47.8	51.9	57.9	61.3	63.0	62.4	62.5	61.6
60% Exceedance	56.3	52.4	47.9	46.0	47.4	51.4	57.4	60.9	62.6	61.9	62.1	60.0
70% Exceedance	56.0	52.2	47.7	45.8	47.1	50.8	56.7	60.1	62.2	61.2	61.8	58.7
80% Exceedance	55.6	51.9	47.4	45.6	46.4	49.8	55.5	59.4	61.9	60.5	61.2	58.0
90% Exceedance	55.2	51.6	47.0	45.3	46.2	49.2	54.3	58.4	60.9	60.3	60.7	57.7
Full Simulation Period Average^a	56.9	52.8	48.3	46.3	47.8	51.7	57.5	60.9	63.2	62.4	62.6	61.2
Wet Water Years (32%)	55.9	53.1	48.7	46.1	46.8	50.2	55.6	60.0	63.6	62.5	61.8	58.5
Above Normal Years (15%)	56.2	52.4	48.2	46.3	47.1	50.8	57.1	60.8	63.6	61.6	62.3	58.8
Below Normal Years (17%)	56.6	52.5	48.0	46.1	47.5	52.2	58.2	61.6	62.6	61.7	62.6	62.3
Dry Years (22%)	57.5	52.7	48.1	46.4	48.6	52.8	59.0	61.6	62.0	62.1	63.0	63.4
Critical (15%)	58.9	53.5	48.1	47.1	49.7	53.8	59.2	61.6	64.2	64.5	63.8	64.5

Table 6C-11-4c. Sacramento River below Hamilton City, Alternative 3 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-0.1	0.0	0.0	-0.1	0.0	-0.1	0.0	0.0	0.4	0.2	-0.2	-0.1
20% Exceedance	-0.3	0.0	0.0	0.0	0.0	-0.1	0.0	0.2	0.3	0.3	-0.3	-0.1
30% Exceedance	-0.2	0.0	0.0	0.0	0.0	0.0	0.2	-0.1	0.2	0.2	-0.1	-0.3
40% Exceedance	-0.3	0.0	-0.2	0.1	0.0	0.0	0.1	0.1	0.2	0.1	0.0	-0.1
50% Exceedance	-0.1	0.0	-0.1	0.0	0.0	0.1	0.1	0.3	0.1	0.2	0.4	0.0
60% Exceedance	-0.3	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.2	0.2	0.2	0.0
70% Exceedance	-0.2	0.1	0.1	0.0	0.1	0.0	0.1	0.1	0.1	0.0	0.2	-0.3
80% Exceedance	-0.3	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.7	0.0	0.2	0.0
90% Exceedance	0.0	0.1	-0.1	0.0	0.0	0.1	0.0	0.0	0.3	0.4	0.2	0.0
Full Simulation Period Average^a	-0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.2	0.1	-0.1
Wet Water Years (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0	0.0	0.0	0.1
Above Normal Years (15%)	-0.5	0.0	-0.1	0.0	0.0	0.1	0.1	-0.2	0.6	0.6	0.6	-0.2
Below Normal Years (17%)	-0.3	0.1	0.0	0.0	0.0	0.1	0.1	0.2	0.6	0.2	0.3	0.1
Dry Years (22%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.1	0.1	0.0
Critical (15%)	-0.3	0.0	0.0	0.0	0.0	-0.1	0.0	0.2	0.3	0.1	-0.7	-0.6

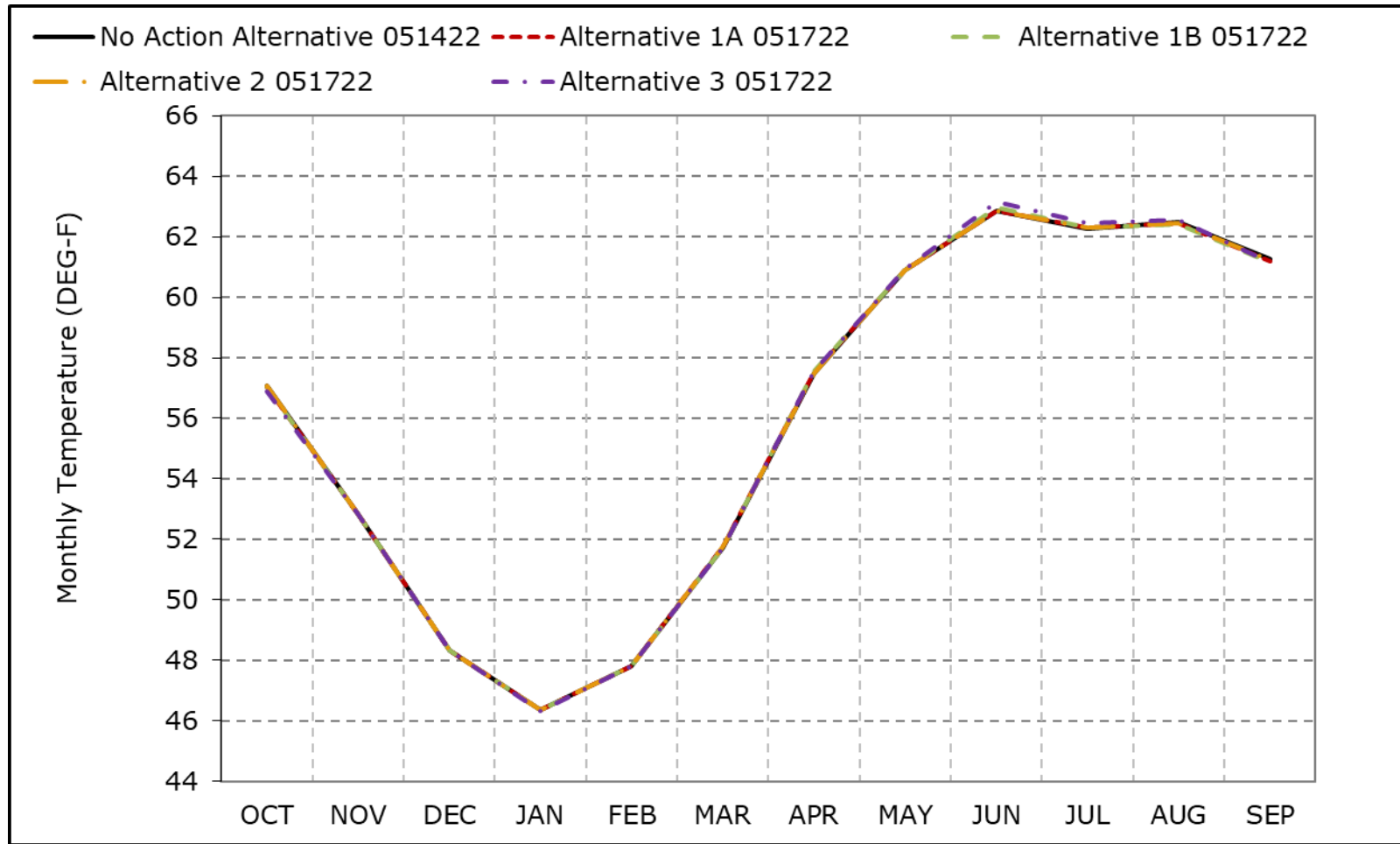
^a Based on the 82-year simulation period.

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

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

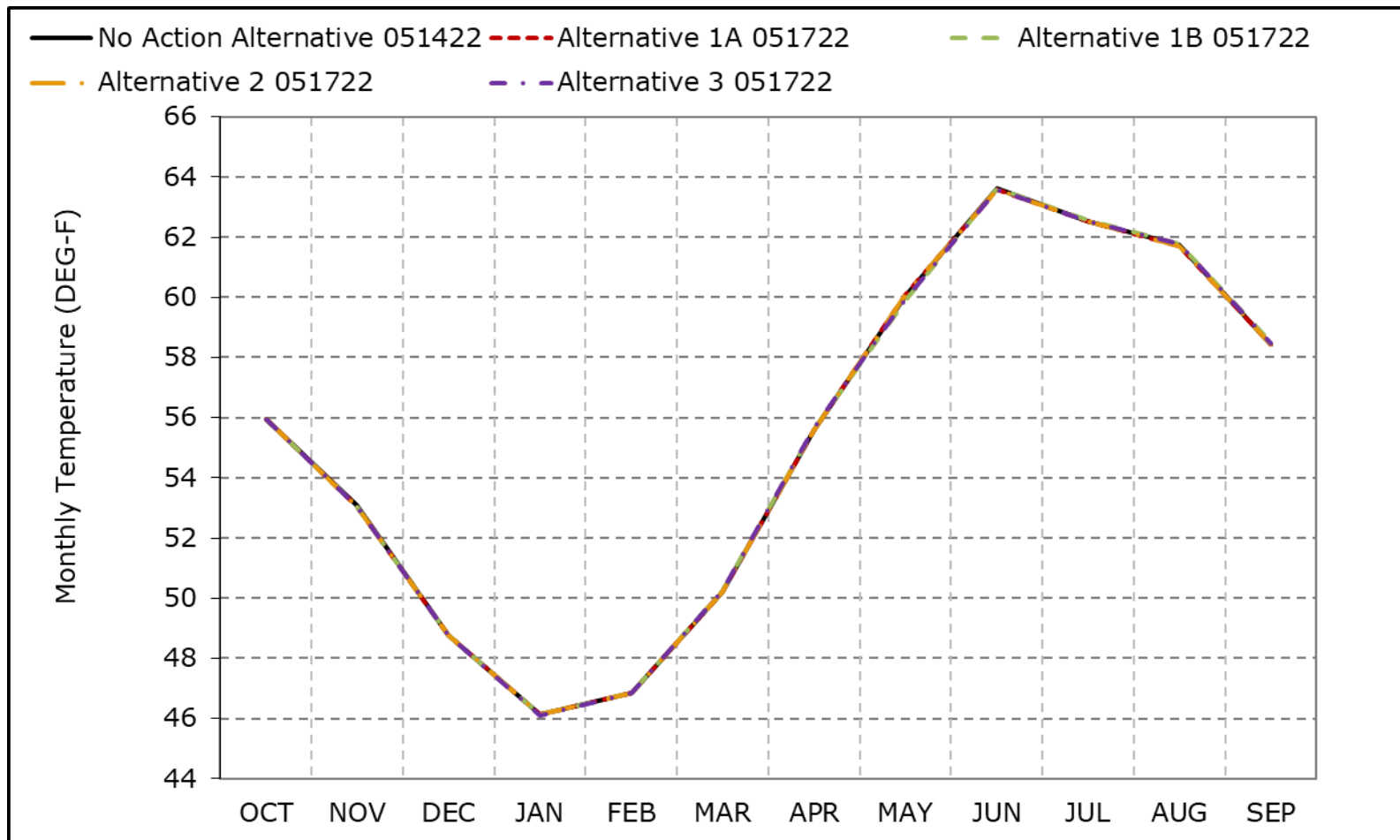
* These results are displayed with calendar year - year type sorting.

Figure 6C-11-1. Sacramento River below Hamilton 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-11-2. Sacramento River below Hamilton City, Wet Year Average Temperature

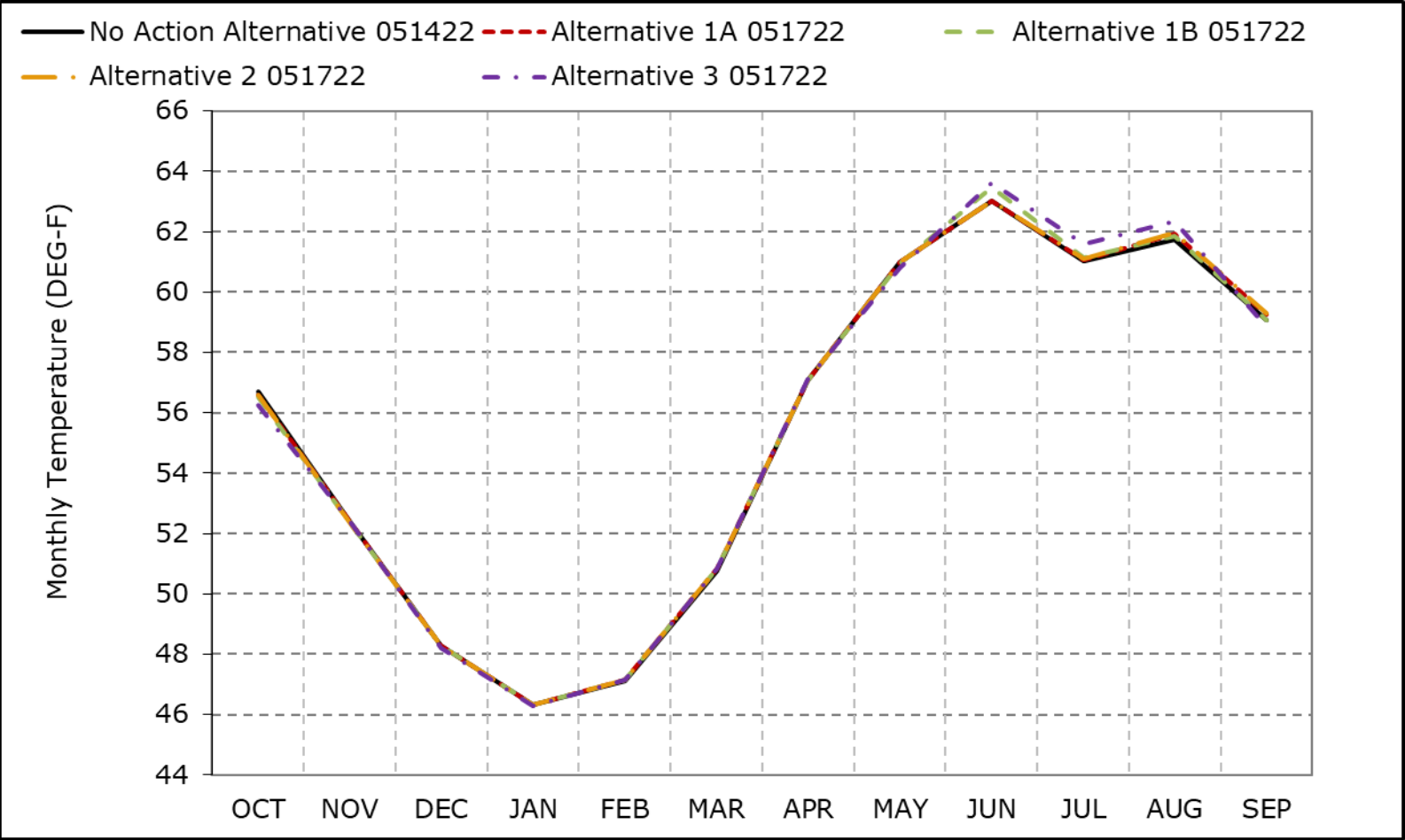


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

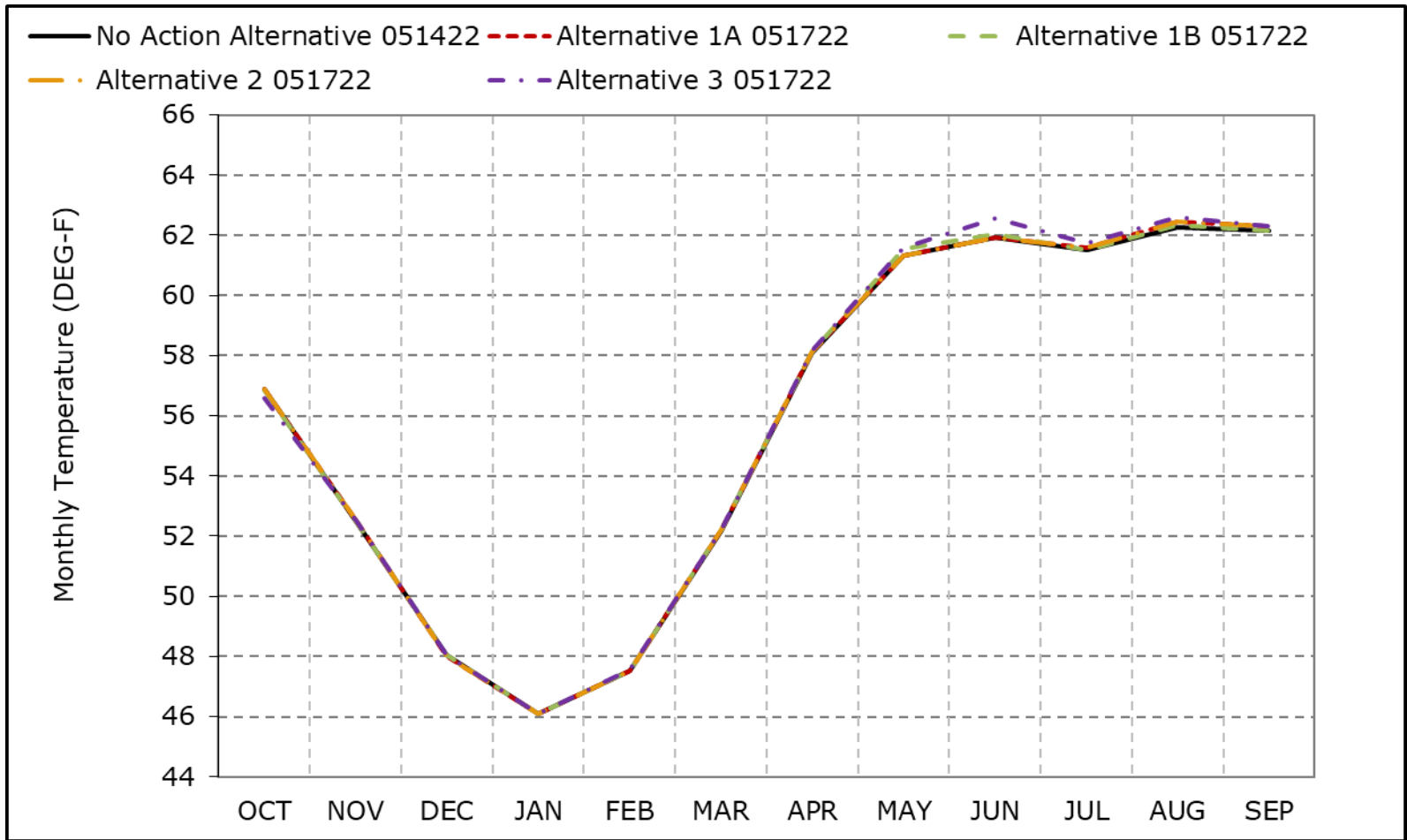
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-11-3. Sacramento River below Hamilton City, Above Normal Year Average Temperature



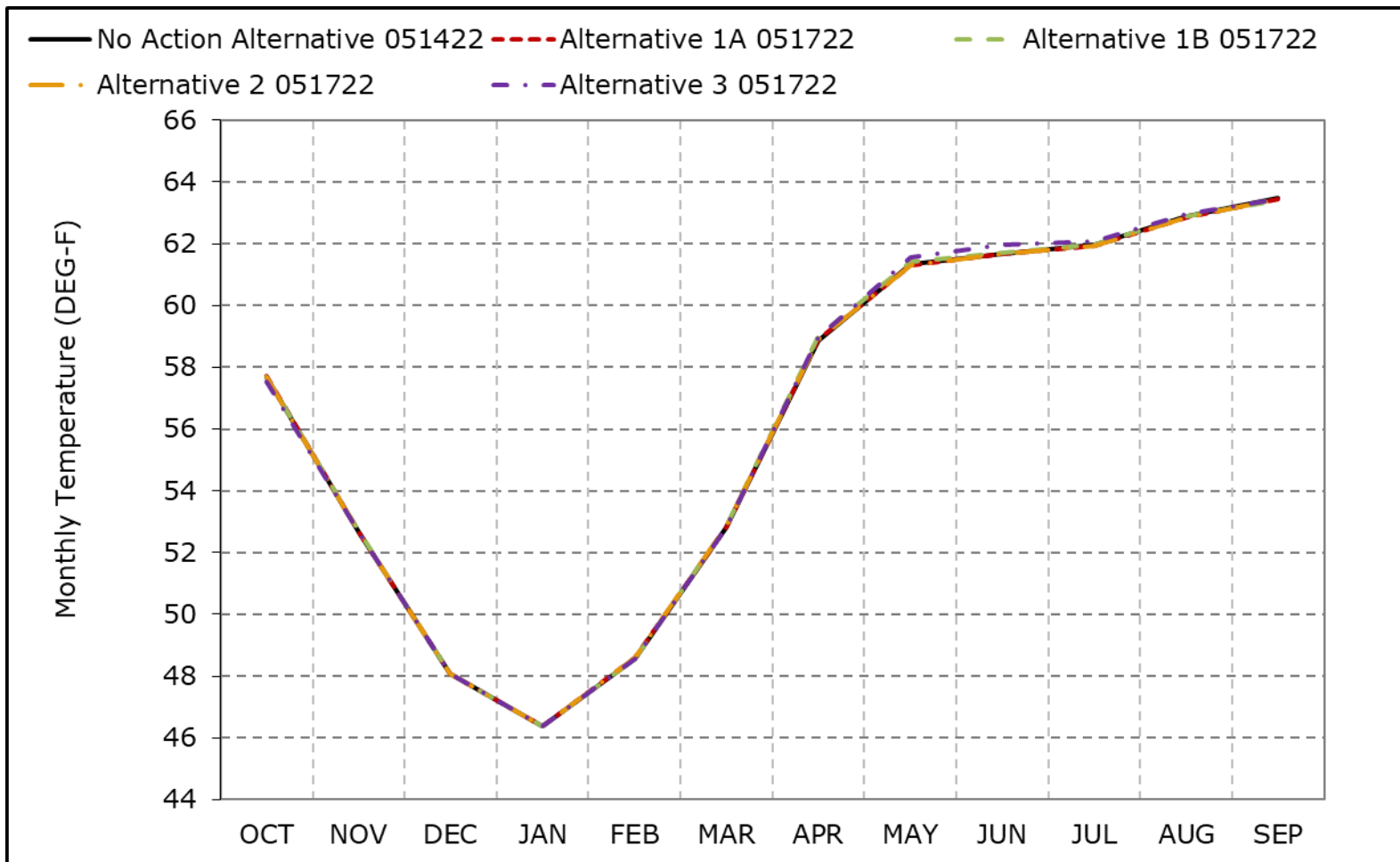
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
 *These results are displayed with calendar year - year type sorting.
 *All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-11-4. Sacramento River below Hamilton City, 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-11-5. Sacramento River below Hamilton City, Dry Year Average Temperature

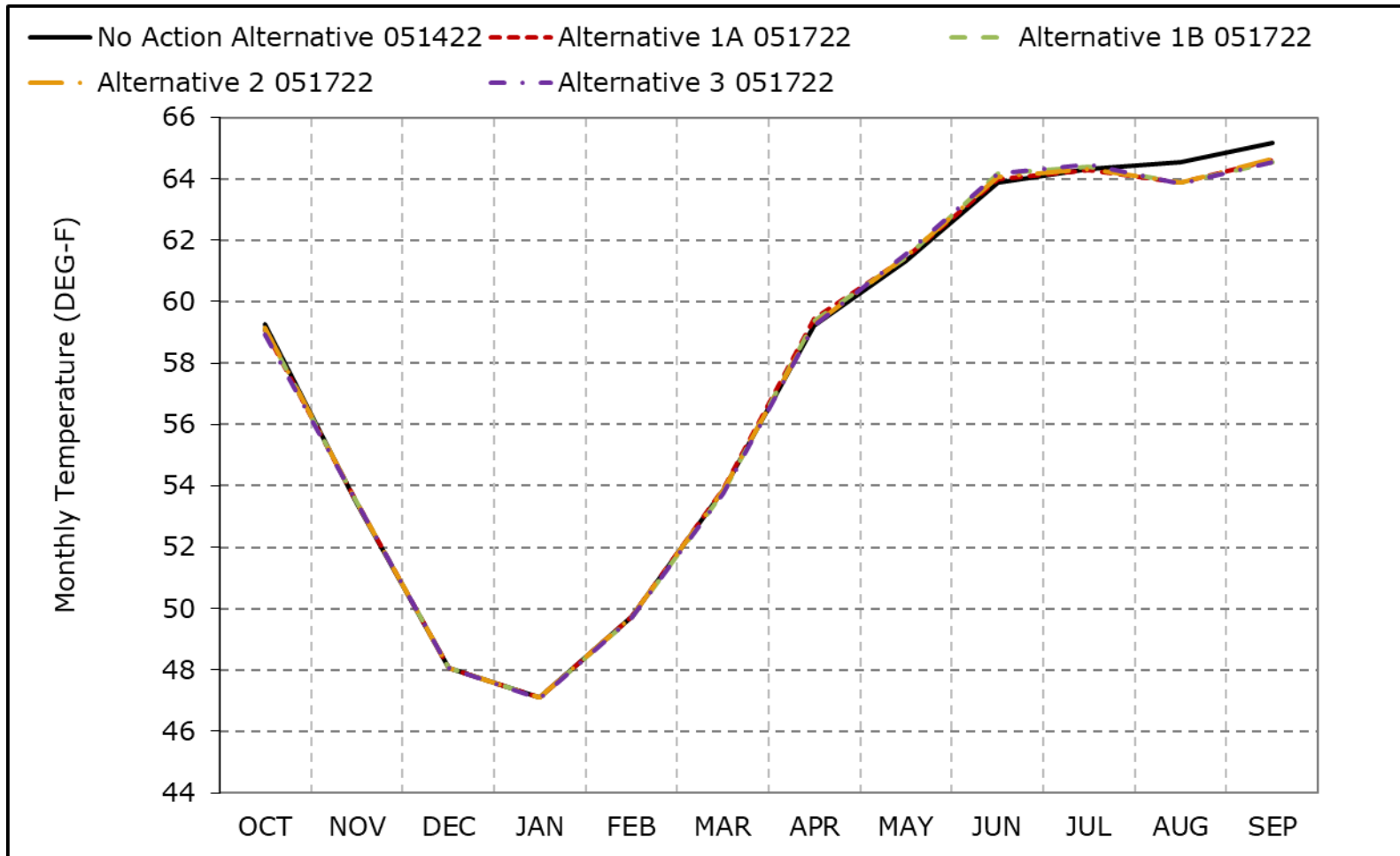


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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 Temperature

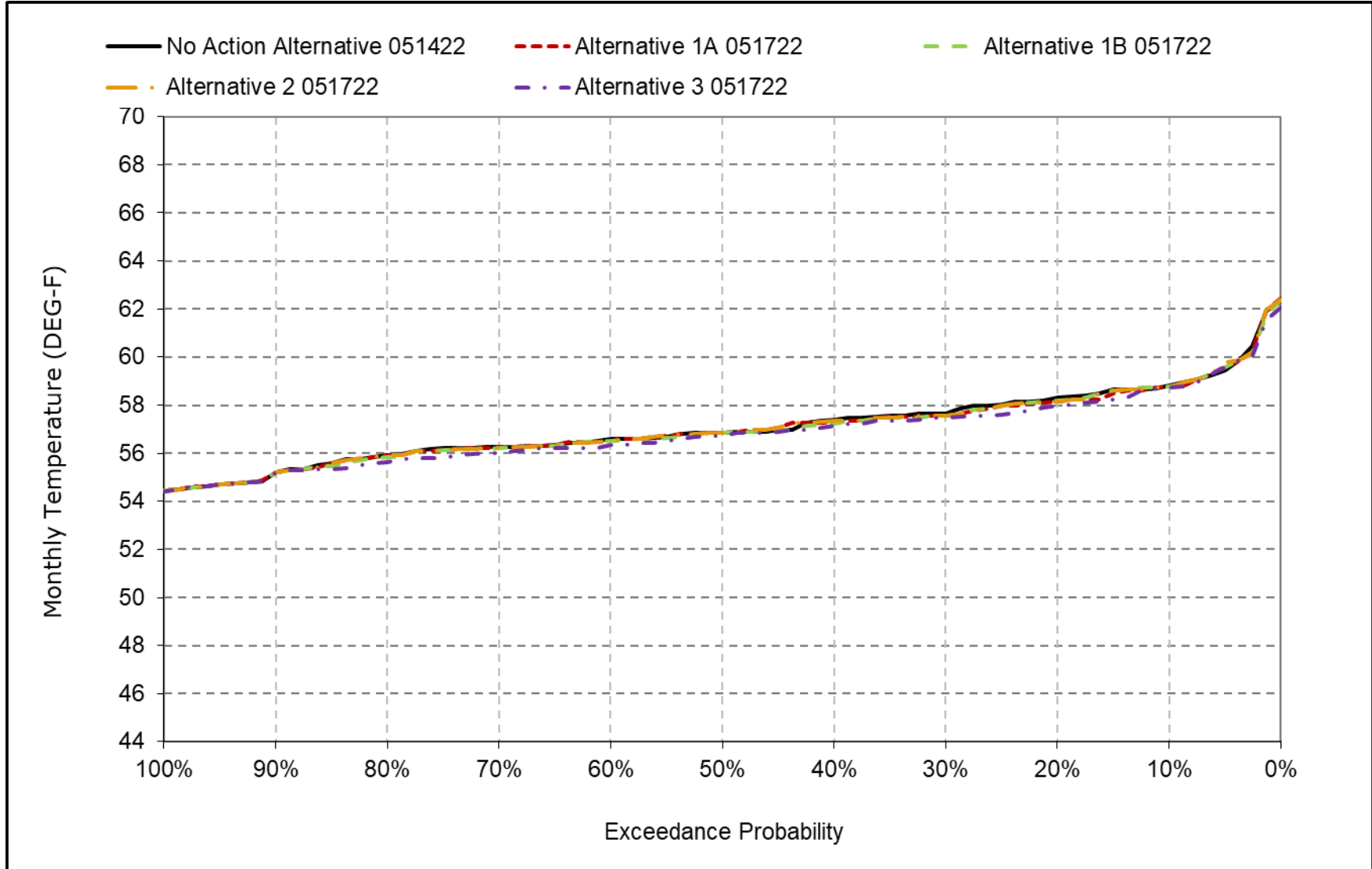


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

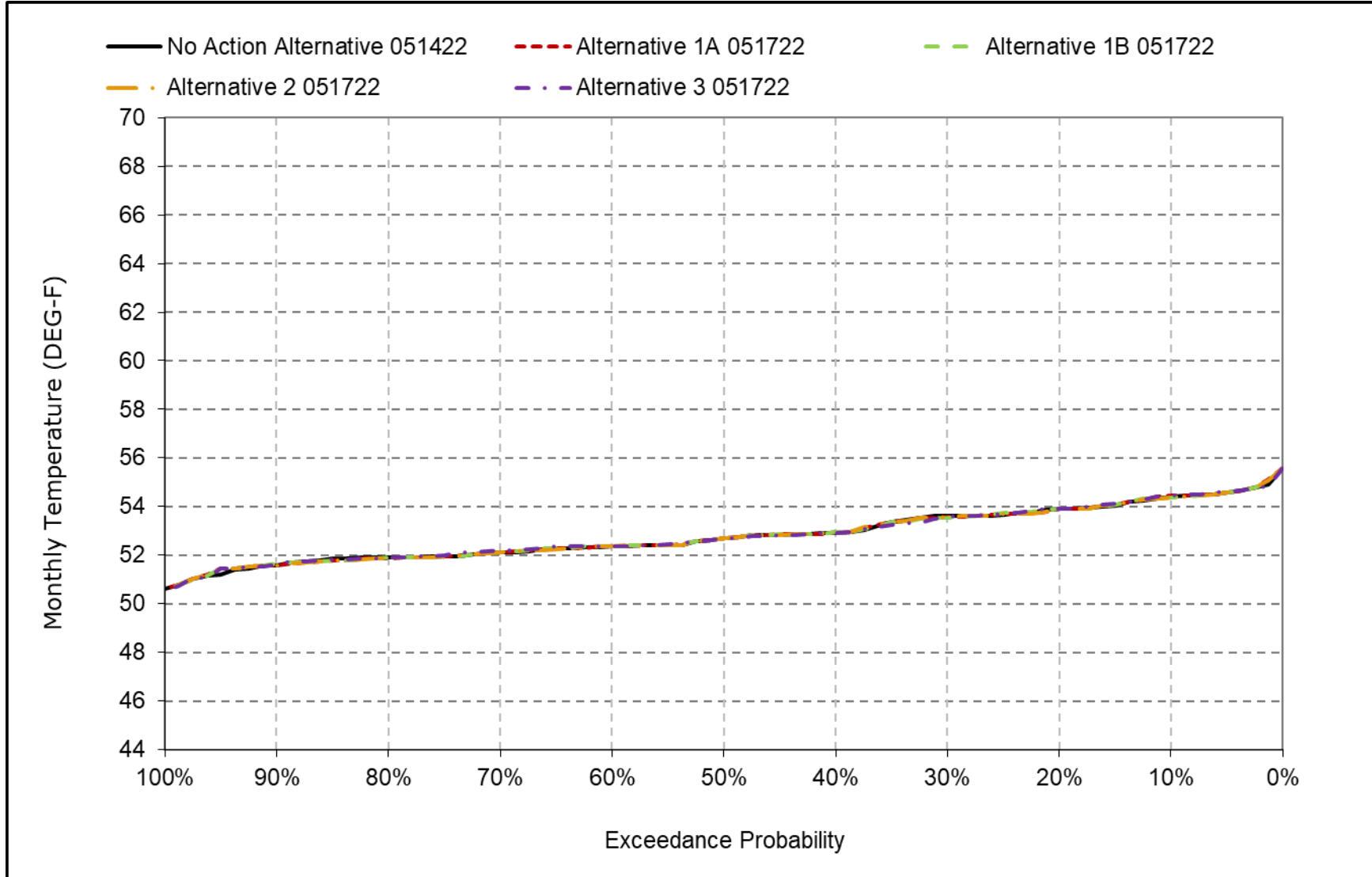
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-11-7. Sacramento River below Hamilton City, October



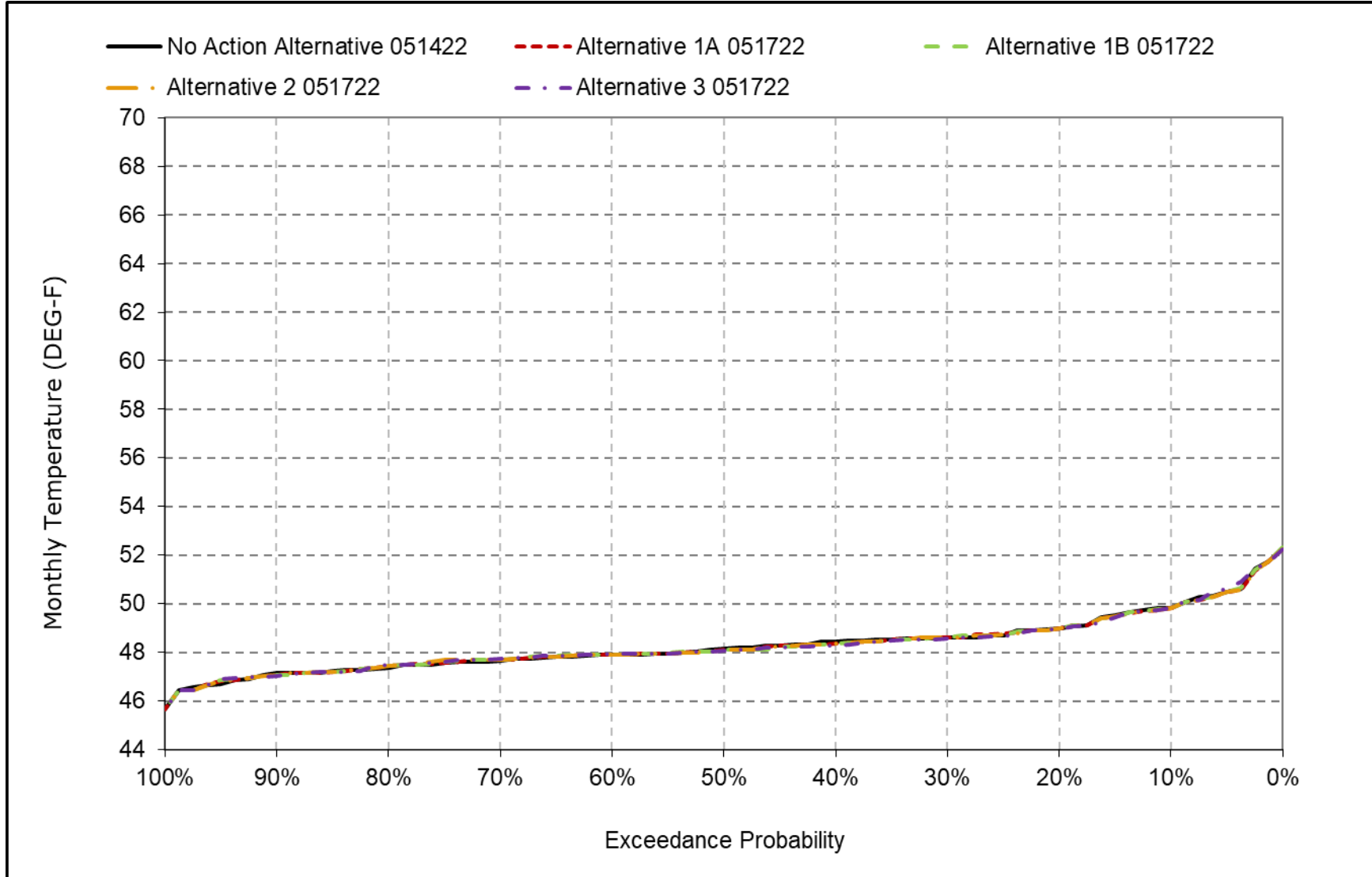
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-11-8. Sacramento River below Hamilton City, November



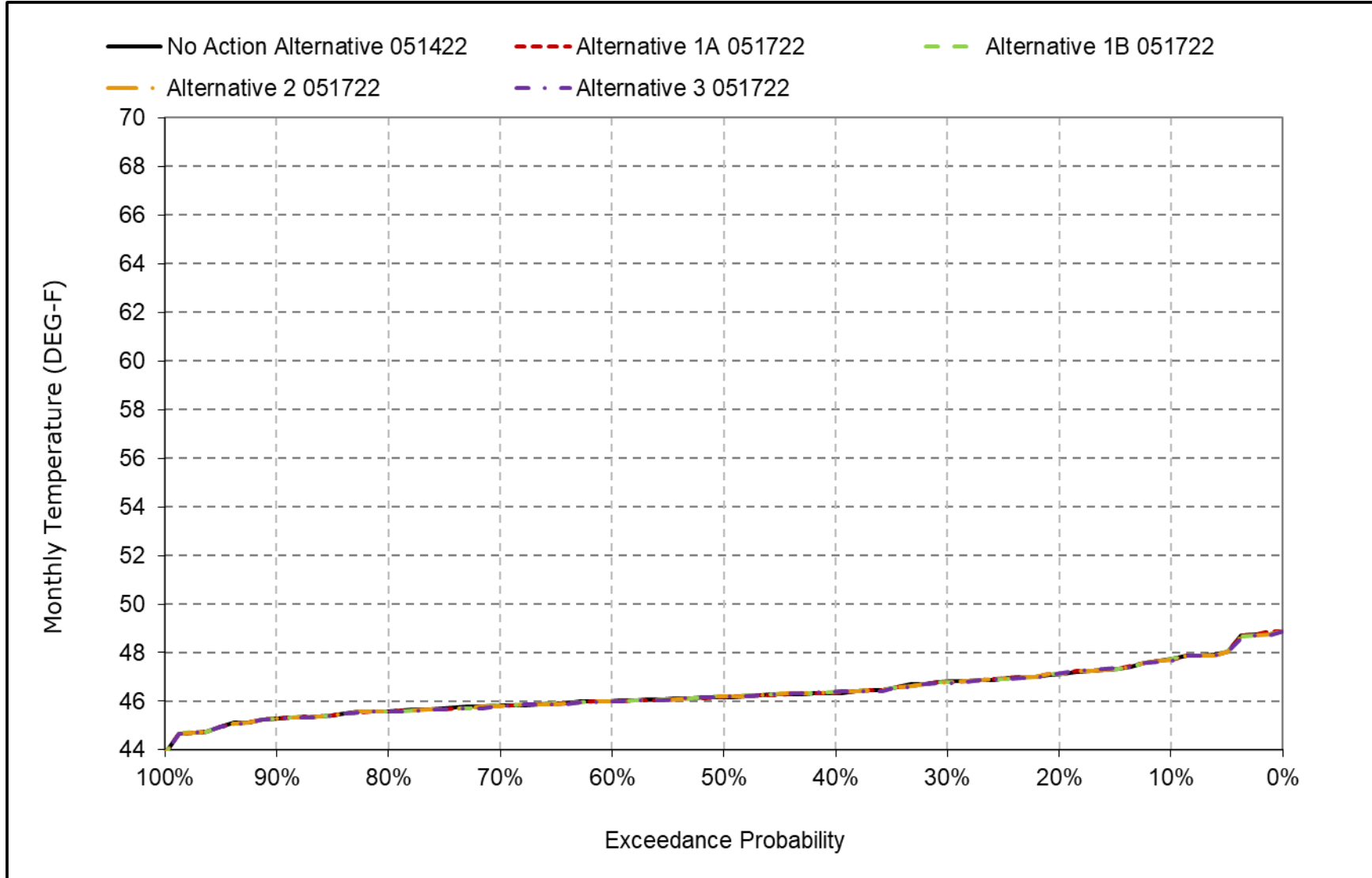
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-11-9. Sacramento River below Hamilton City, December



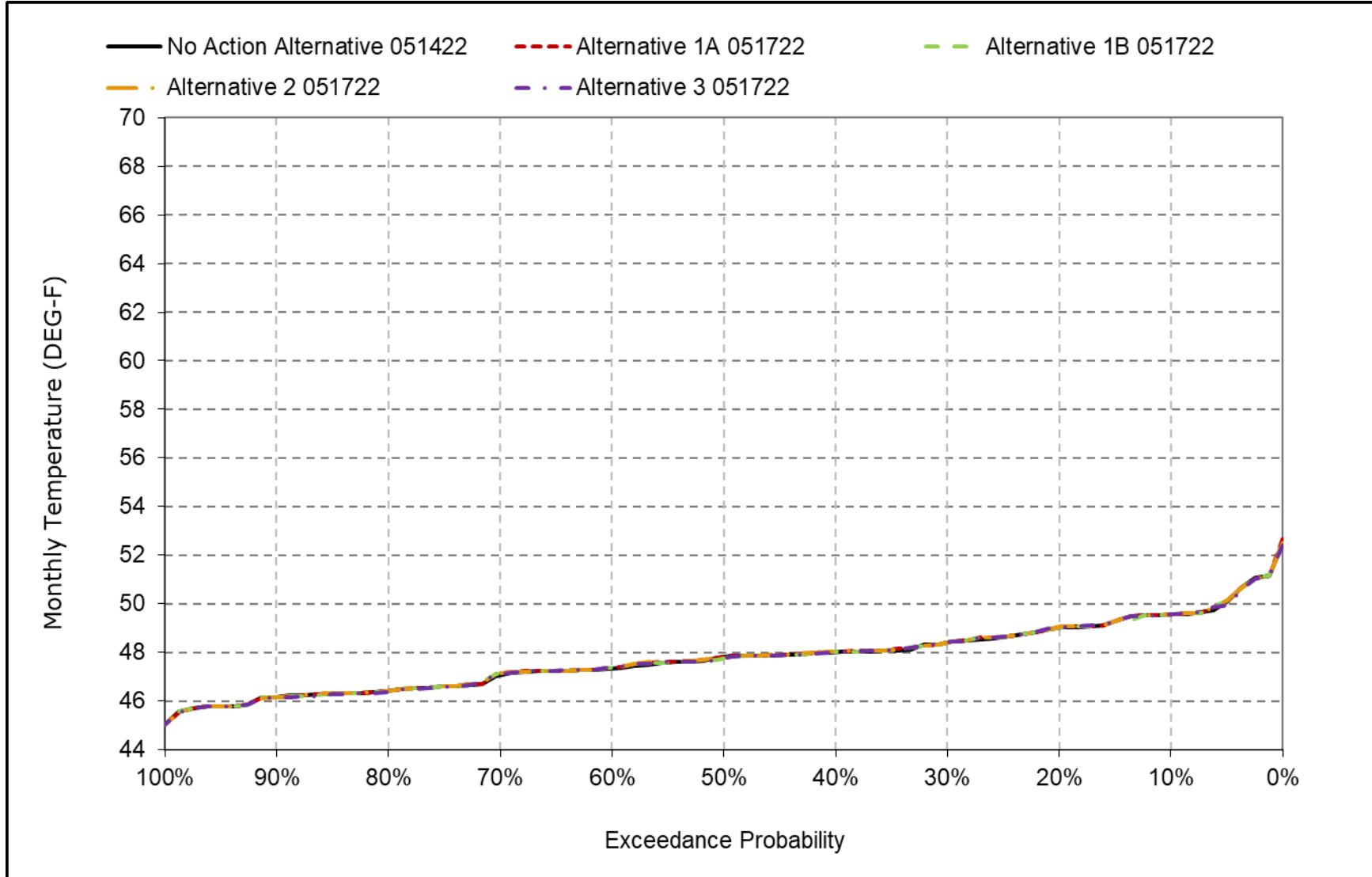
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-11-10. Sacramento River below Hamilton City, January



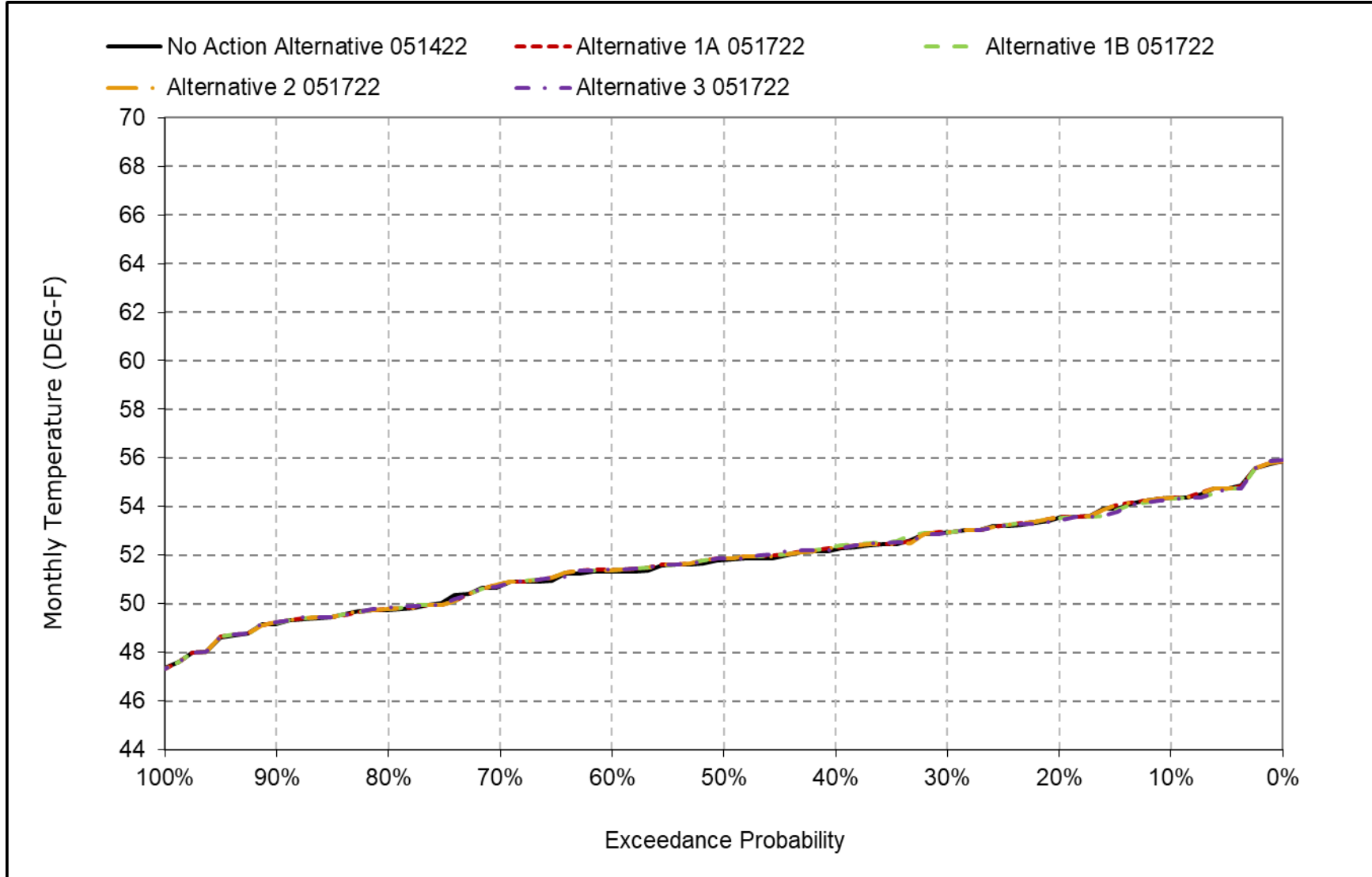
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-11-11. Sacramento River below Hamilton City, February



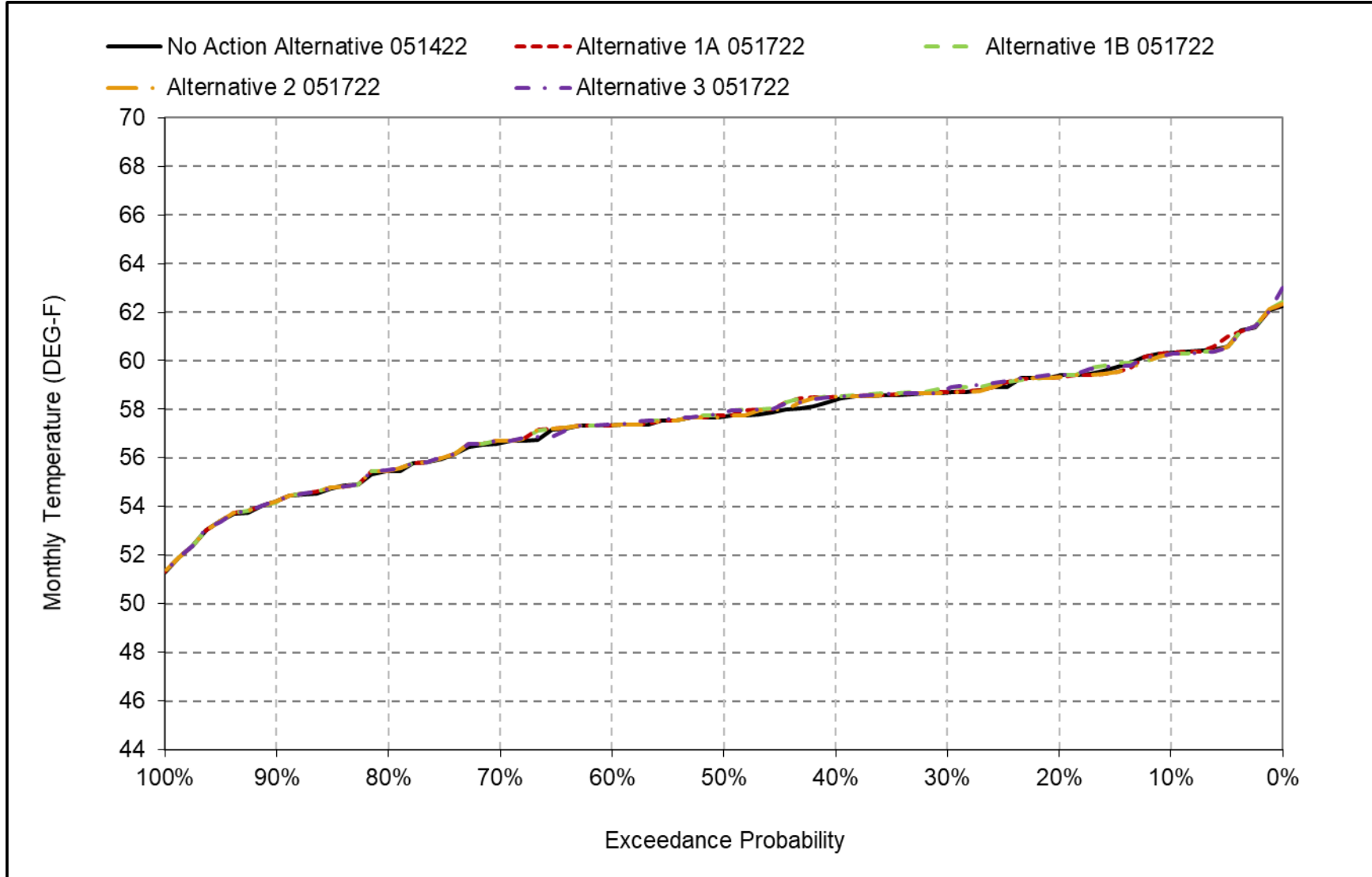
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-11-12. Sacramento River below Hamilton City, March



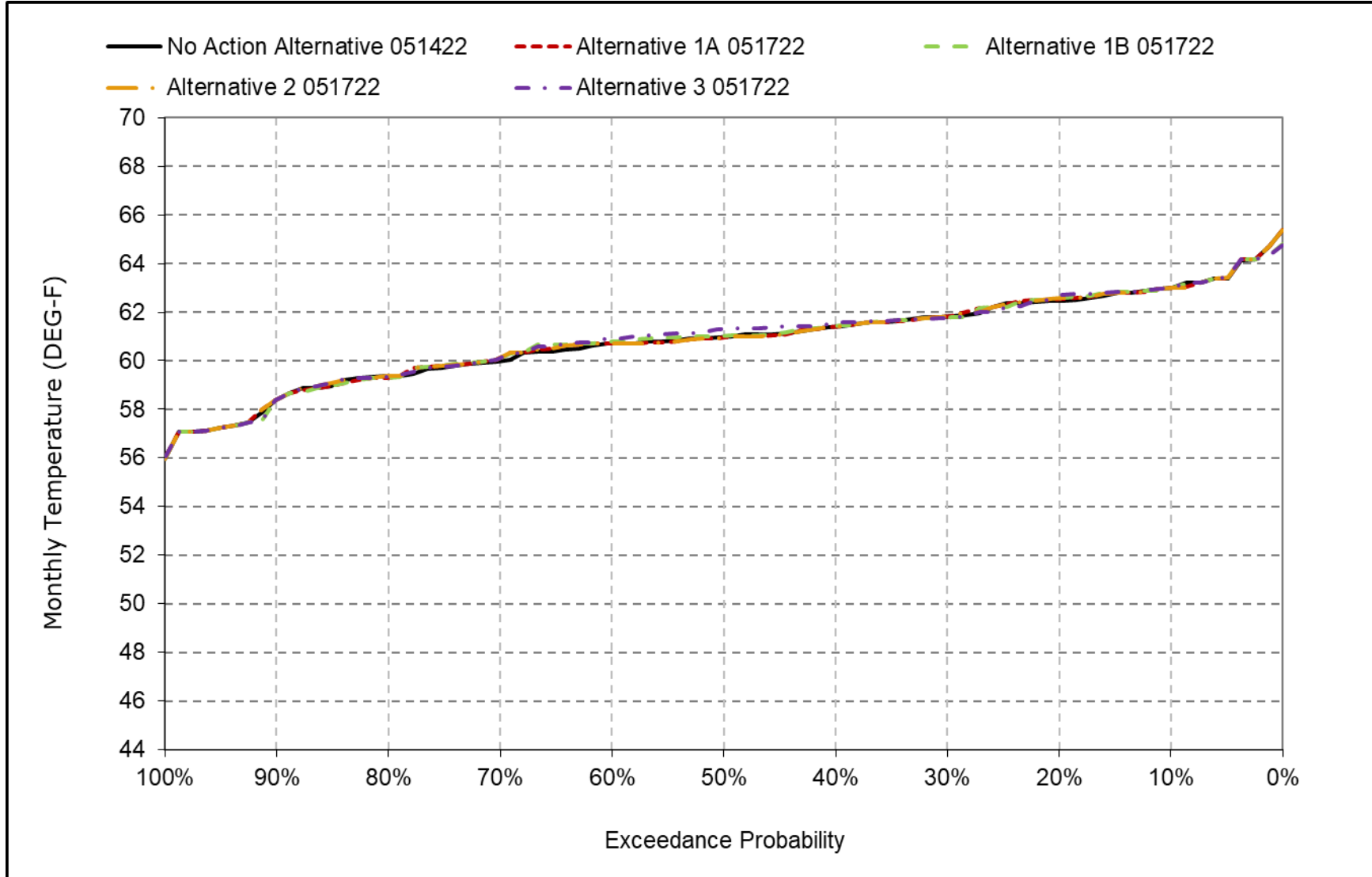
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-11-13. Sacramento River below Hamilton City, April



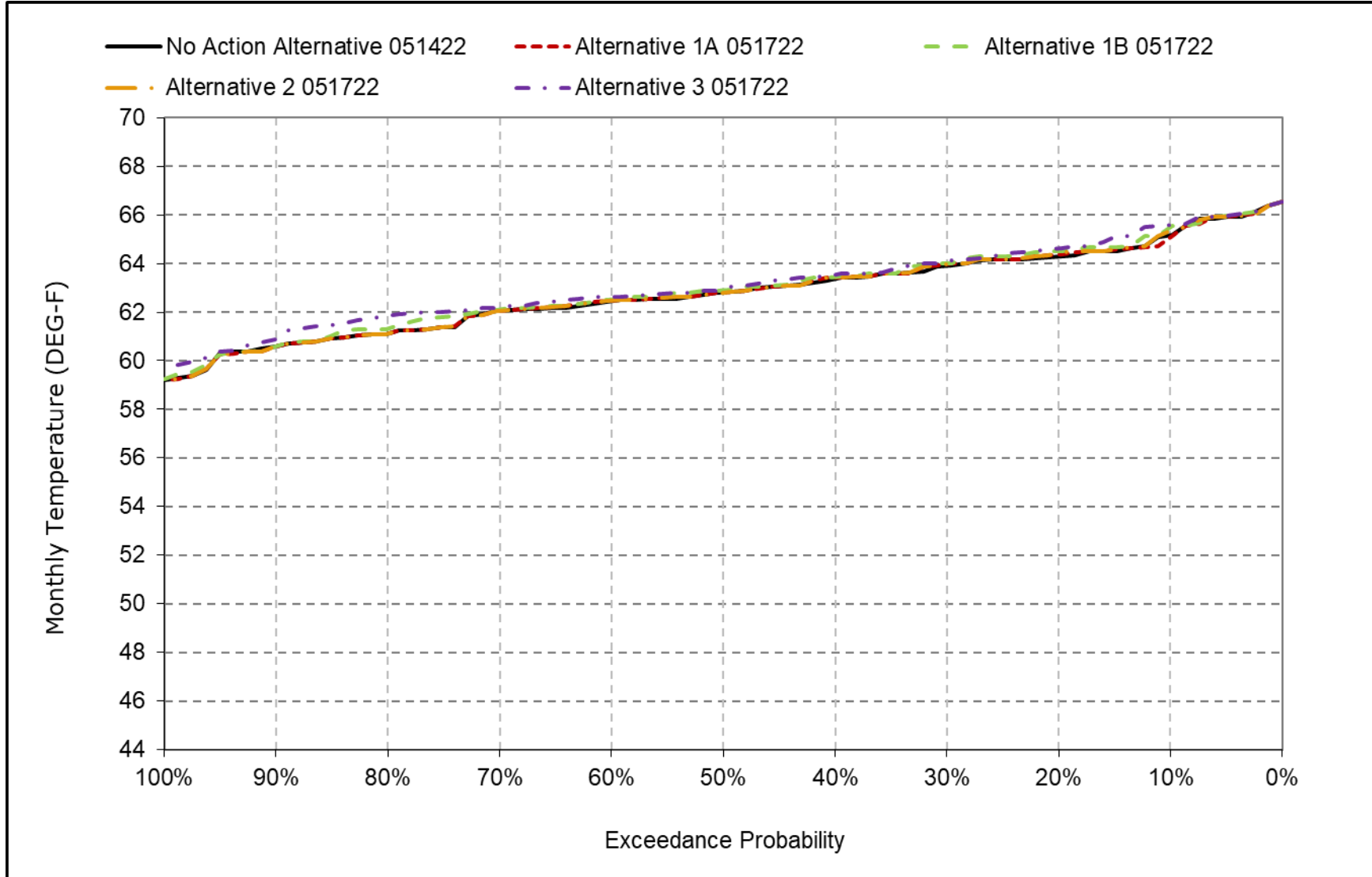
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-11-14. Sacramento River below Hamilton City, May



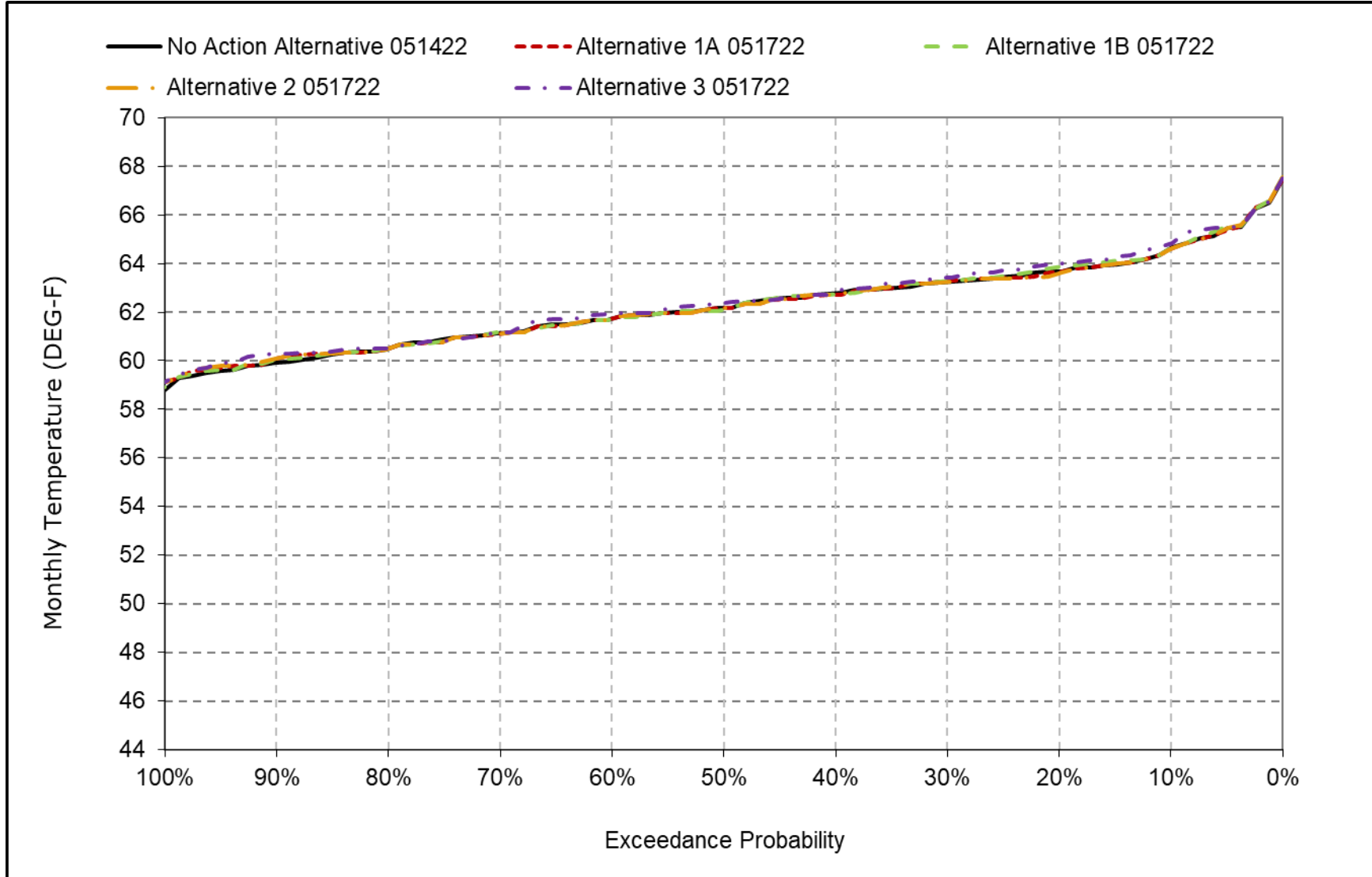
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-11-15. Sacramento River below Hamilton City, June



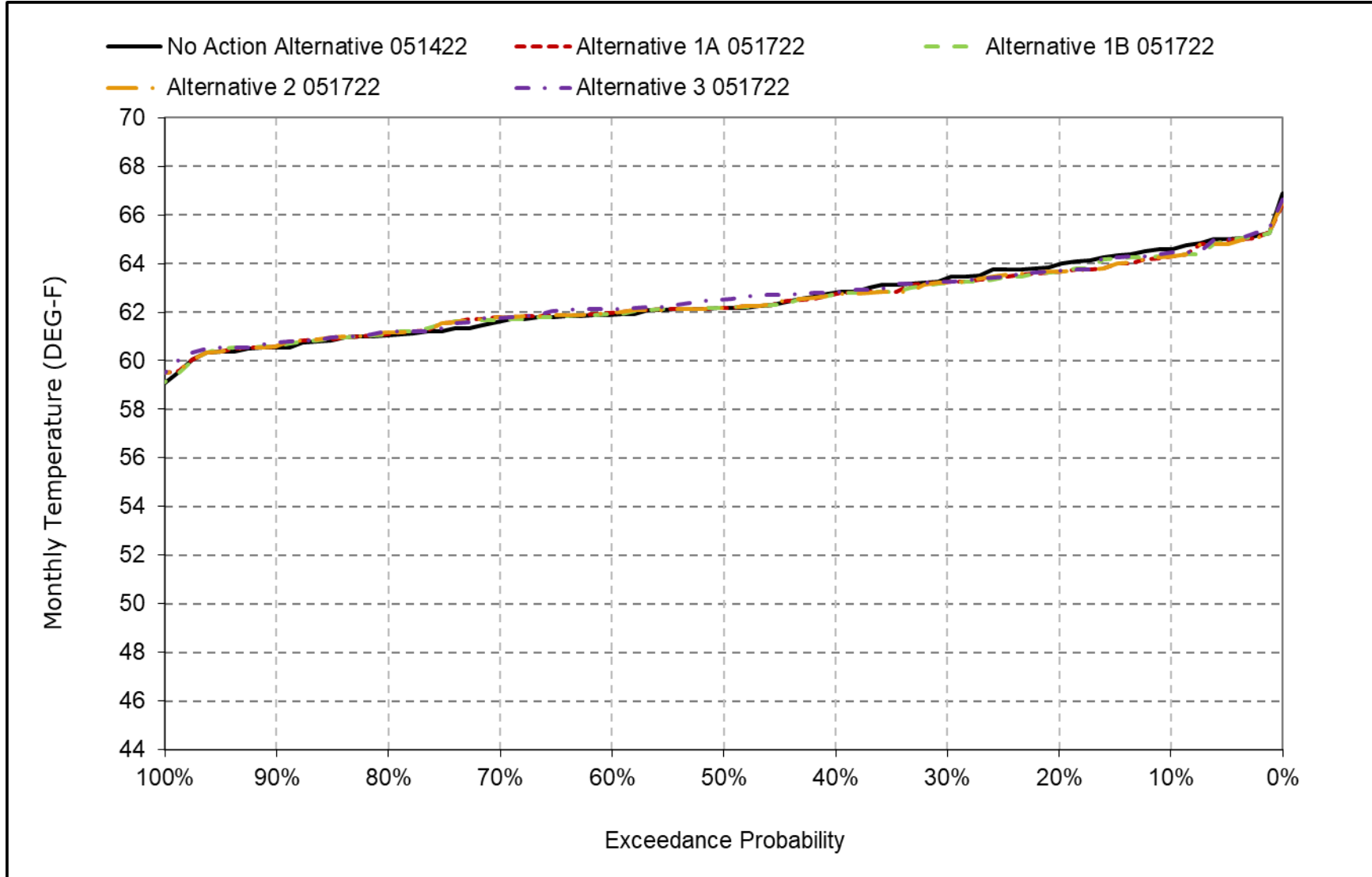
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-11-16. Sacramento River below Hamilton City, July



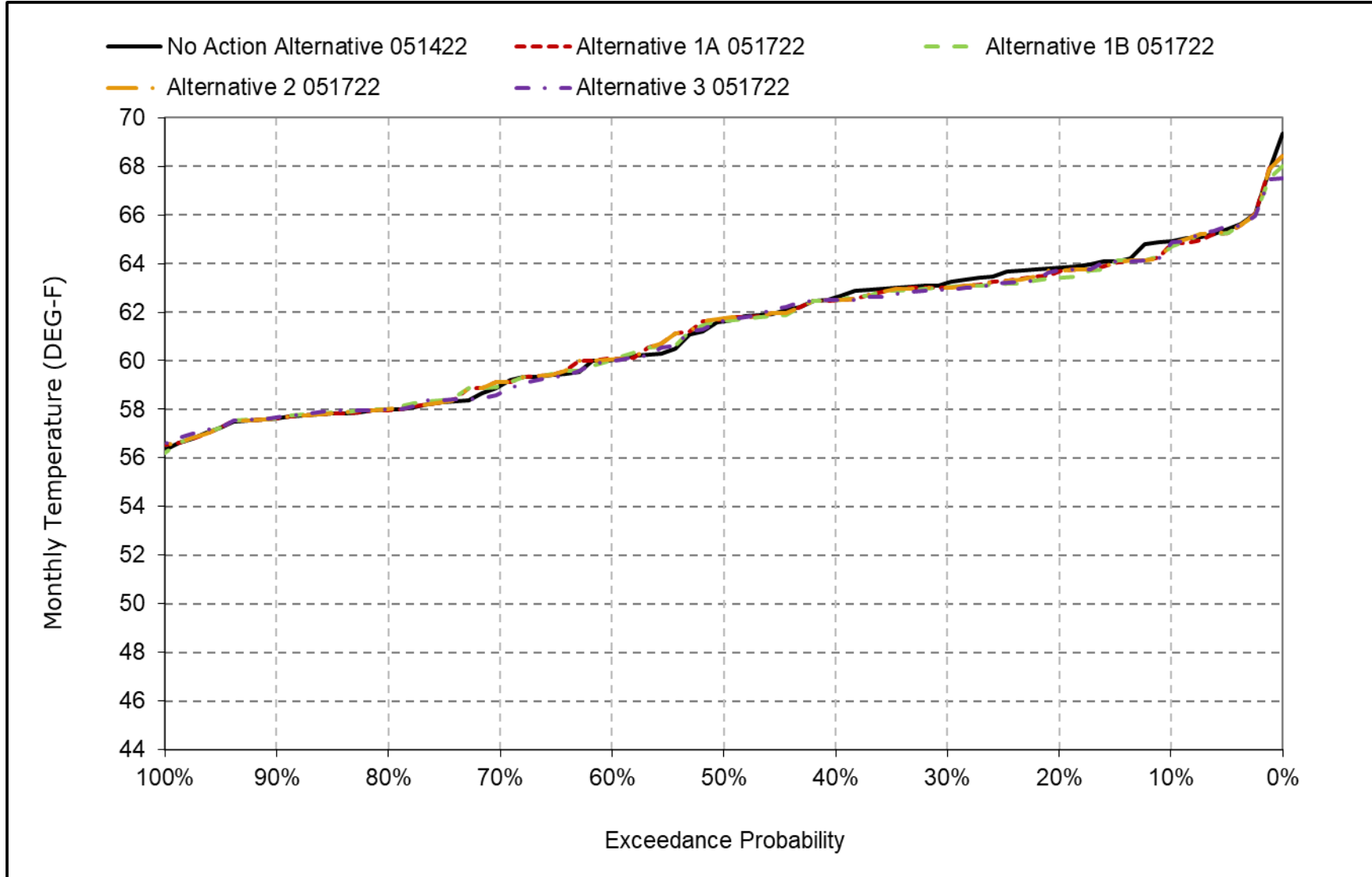
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	60.4	54.8	49.5	47.8	50.1	55.4	61.9	65.3	68.0	67.9	67.9	67.4
20% Exceedance	59.6	54.3	48.8	47.1	49.3	54.3	61.0	64.8	67.0	67.1	67.0	66.3
30% Exceedance	59.1	53.8	48.4	46.7	48.5	53.7	60.0	64.2	66.5	66.4	66.6	65.6
40% Exceedance	58.8	53.3	48.0	46.2	48.2	52.7	59.6	63.8	66.0	65.9	65.8	65.1
50% Exceedance	58.2	53.0	47.8	46.0	47.8	52.2	59.0	63.1	65.4	65.4	65.3	64.1
60% Exceedance	57.9	52.7	47.5	45.9	47.4	51.6	58.5	62.9	65.1	64.7	65.0	62.3
70% Exceedance	57.6	52.4	47.3	45.7	46.9	51.0	57.2	61.8	64.6	64.1	64.7	61.1
80% Exceedance	57.2	52.2	47.0	45.4	46.5	50.2	55.9	61.2	63.8	63.4	63.8	60.1
90% Exceedance	56.5	51.8	46.8	45.1	46.2	49.6	54.4	59.6	63.2	62.7	63.4	59.7
Full Simulation Period Average^a	58.4	53.1	48.0	46.2	48.0	52.3	58.5	62.9	65.5	65.4	65.5	63.5
Wet Water Years (32%)	57.2	53.4	48.4	45.9	46.9	50.7	56.2	61.7	66.0	65.6	64.7	60.5
Above Normal Years (15%)	58.0	52.6	48.0	46.1	47.2	51.1	57.9	63.0	65.8	64.0	64.8	61.3
Below Normal Years (17%)	58.2	52.7	47.7	46.0	47.6	52.8	59.3	63.6	64.7	64.6	65.4	64.6
Dry Years (22%)	59.1	53.0	47.8	46.3	48.8	53.5	60.2	63.6	64.5	65.1	66.0	66.0
Critical (15%)	60.5	53.8	47.8	47.1	50.1	54.7	60.9	63.6	66.4	67.6	67.7	67.5

Table 6C-12-1b. Sacramento River at Butte City, Alternative 1A 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	60.2	54.8	49.5	47.8	50.1	55.4	61.6	65.3	67.9	67.8	67.5	67.2
20% Exceedance	59.4	54.3	48.8	47.0	49.3	54.3	60.9	64.9	67.0	67.1	66.7	65.9
30% Exceedance	59.0	53.8	48.4	46.6	48.6	53.8	60.2	64.2	66.6	66.4	66.4	65.5
40% Exceedance	58.8	53.3	48.0	46.2	48.1	52.8	59.7	63.7	66.0	65.9	65.6	65.0
50% Exceedance	58.3	53.0	47.8	46.0	47.8	52.3	59.0	63.1	65.4	65.3	65.3	64.2
60% Exceedance	57.9	52.6	47.5	45.8	47.4	51.6	58.6	62.9	65.2	64.7	64.9	62.4
70% Exceedance	57.6	52.4	47.3	45.6	46.9	51.1	57.2	62.3	64.7	64.1	64.8	61.3
80% Exceedance	57.2	52.1	47.1	45.4	46.5	50.2	55.9	61.3	63.8	63.4	63.8	60.1
90% Exceedance	56.5	51.8	46.7	45.0	46.2	49.6	54.5	59.7	63.2	62.7	63.5	59.7
Full Simulation Period Average^a	58.4	53.1	48.0	46.2	48.0	52.3	58.6	62.9	65.5	65.4	65.4	63.5
Wet Water Years (32%)	57.3	53.4	48.4	45.9	46.9	50.7	56.2	61.8	66.0	65.6	64.7	60.5
Above Normal Years (15%)	57.9	52.6	47.9	46.1	47.2	51.2	57.9	63.0	65.8	64.1	65.0	61.5
Below Normal Years (17%)	58.2	52.8	47.7	46.0	47.7	52.8	59.3	63.6	64.7	64.7	65.6	64.8
Dry Years (22%)	59.1	53.0	47.8	46.3	48.8	53.5	60.2	63.6	64.5	64.9	65.8	65.9
Critical (15%)	60.3	53.8	47.8	47.1	50.1	54.7	61.1	63.8	66.5	67.5	66.9	66.9

Table 6C-12-1c. Sacramento River at Butte City, Alternative 1A 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.0	-0.3	0.1	-0.1	-0.2	-0.4	-0.2
20% Exceedance	-0.1	0.0	0.0	-0.1	0.0	0.1	-0.1	0.1	0.0	0.0	-0.3	-0.4
30% Exceedance	-0.1	0.0	0.0	-0.1	0.1	0.1	0.2	0.0	0.1	0.0	-0.1	-0.2
40% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.2
50% Exceedance	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	-0.1	0.0	0.1
60% Exceedance	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	-0.1	0.1
70% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.1	0.2
80% Exceedance	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
90% Exceedance	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1
Wet Water Years (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 Years (15%)	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.2	0.2
Below Normal Years (17%)	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2
Dry Years (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.1
Critical (15%)	-0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1	-0.1	-0.8	-0.6

^a Based on the 82-year simulation period.

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

* 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.

Table 6C-12-2a. Sacramento River at Butte City, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	60.4	54.8	49.5	47.8	50.1	55.4	61.9	65.3	68.0	67.9	67.9	67.4
20% Exceedance	59.6	54.3	48.8	47.1	49.3	54.3	61.0	64.8	67.0	67.1	67.0	66.3
30% Exceedance	59.1	53.8	48.4	46.7	48.5	53.7	60.0	64.2	66.5	66.4	66.6	65.6
40% Exceedance	58.8	53.3	48.0	46.2	48.2	52.7	59.6	63.8	66.0	65.9	65.8	65.1
50% Exceedance	58.2	53.0	47.8	46.0	47.8	52.2	59.0	63.1	65.4	65.4	65.3	64.1
60% Exceedance	57.9	52.7	47.5	45.9	47.4	51.6	58.5	62.9	65.1	64.7	65.0	62.3
70% Exceedance	57.6	52.4	47.3	45.7	46.9	51.0	57.2	61.8	64.6	64.1	64.7	61.1
80% Exceedance	57.2	52.2	47.0	45.4	46.5	50.2	55.9	61.2	63.8	63.4	63.8	60.1
90% Exceedance	56.5	51.8	46.8	45.1	46.2	49.6	54.4	59.6	63.2	62.7	63.4	59.7
Full Simulation Period Average^a	58.4	53.1	48.0	46.2	48.0	52.3	58.5	62.9	65.5	65.4	65.5	63.5
Wet Water Years (32%)	57.2	53.4	48.4	45.9	46.9	50.7	56.2	61.7	66.0	65.6	64.7	60.5
Above Normal Years (15%)	58.0	52.6	48.0	46.1	47.2	51.1	57.9	63.0	65.8	64.0	64.8	61.3
Below Normal Years (17%)	58.2	52.7	47.7	46.0	47.6	52.8	59.3	63.6	64.7	64.6	65.4	64.6
Dry Years (22%)	59.1	53.0	47.8	46.3	48.8	53.5	60.2	63.6	64.5	65.1	66.0	66.0
Critical (15%)	60.5	53.8	47.8	47.1	50.1	54.7	60.9	63.6	66.4	67.6	67.7	67.5

Table 6C-12-2b. Sacramento River at Butte City, Alternative 1B 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	60.3	54.7	49.5	47.8	50.0	55.3	61.7	65.2	68.0	67.8	67.6	67.3
20% Exceedance	59.5	54.3	48.8	47.0	49.3	54.3	61.0	64.8	67.1	67.2	66.7	65.7
30% Exceedance	59.0	53.8	48.4	46.7	48.6	53.8	60.2	64.1	66.6	66.5	66.4	65.4
40% Exceedance	58.7	53.3	48.0	46.2	48.1	52.8	59.7	63.8	66.1	66.0	65.7	65.0
50% Exceedance	58.3	53.0	47.8	46.0	47.8	52.3	59.1	63.2	65.5	65.3	65.2	64.1
60% Exceedance	57.9	52.6	47.5	45.8	47.4	51.7	58.6	63.0	65.2	64.7	65.0	62.3
70% Exceedance	57.6	52.4	47.3	45.6	46.9	51.0	57.2	62.3	64.7	64.1	64.7	61.2
80% Exceedance	57.2	52.1	47.1	45.4	46.5	50.2	55.9	61.3	64.2	63.4	63.8	60.2
90% Exceedance	56.5	51.8	46.7	45.0	46.2	49.6	54.5	59.6	63.2	62.8	63.5	59.7
Full Simulation Period Average^a	58.3	53.1	48.0	46.2	48.0	52.3	58.6	62.9	65.6	65.4	65.4	63.5
Wet Water Years (32%)	57.2	53.4	48.4	45.9	46.9	50.7	56.2	61.6	66.0	65.6	64.7	60.6
Above Normal Years (15%)	57.8	52.6	48.0	46.1	47.2	51.2	57.9	63.0	66.2	64.1	64.9	61.3
Below Normal Years (17%)	58.2	52.7	47.7	46.0	47.7	52.8	59.3	63.7	64.8	64.7	65.5	64.7
Dry Years (22%)	59.1	53.0	47.8	46.3	48.8	53.5	60.3	63.6	64.5	65.0	65.8	65.8
Critical (15%)	60.3	53.8	47.8	47.1	50.1	54.6	61.1	63.8	66.7	67.6	66.9	66.9

Table 6C-12-2c. Sacramento River at Butte City, Alternative 1B 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-0.1	-0.1	0.0	0.0	-0.1	-0.1	-0.3	0.0	0.0	-0.2	-0.3	-0.1
20% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.2	0.1	-0.3	-0.6
30% Exceedance	-0.1	0.0	0.0	0.0	0.1	0.1	0.3	-0.1	0.1	0.1	-0.2	-0.2
40% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	-0.1
50% Exceedance	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	-0.1	-0.1	-0.1
60% Exceedance	0.0	-0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	-0.1	0.1
70% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.1
80% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	-0.1	0.0	0.1
90% Exceedance	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.0
Full Simulation Period Average^a	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	-0.1	-0.1
Wet Water Years (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.1
Above Normal Years (15%)	-0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.4	0.1	0.1	0.0
Below Normal Years (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.1	0.0
Dry Years (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	-0.1	-0.2
Critical (15%)	-0.2	0.0	0.0	0.0	0.0	-0.1	0.2	0.2	0.2	-0.1	-0.8	-0.6

^a Based on the 82-year simulation period.

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

* 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.

Table 6C-12-3a. Sacramento River at Butte City, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	60.4	54.8	49.5	47.8	50.1	55.4	61.9	65.3	68.0	67.9	67.9	67.4
20% Exceedance	59.6	54.3	48.8	47.1	49.3	54.3	61.0	64.8	67.0	67.1	67.0	66.3
30% Exceedance	59.1	53.8	48.4	46.7	48.5	53.7	60.0	64.2	66.5	66.4	66.6	65.6
40% Exceedance	58.8	53.3	48.0	46.2	48.2	52.7	59.6	63.8	66.0	65.9	65.8	65.1
50% Exceedance	58.2	53.0	47.8	46.0	47.8	52.2	59.0	63.1	65.4	65.4	65.3	64.1
60% Exceedance	57.9	52.7	47.5	45.9	47.4	51.6	58.5	62.9	65.1	64.7	65.0	62.3
70% Exceedance	57.6	52.4	47.3	45.7	46.9	51.0	57.2	61.8	64.6	64.1	64.7	61.1
80% Exceedance	57.2	52.2	47.0	45.4	46.5	50.2	55.9	61.2	63.8	63.4	63.8	60.1
90% Exceedance	56.5	51.8	46.8	45.1	46.2	49.6	54.4	59.6	63.2	62.7	63.4	59.7
Full Simulation Period Average^a	58.4	53.1	48.0	46.2	48.0	52.3	58.5	62.9	65.5	65.4	65.5	63.5
Wet Water Years (32%)	57.2	53.4	48.4	45.9	46.9	50.7	56.2	61.7	66.0	65.6	64.7	60.5
Above Normal Years (15%)	58.0	52.6	48.0	46.1	47.2	51.1	57.9	63.0	65.8	64.0	64.8	61.3
Below Normal Years (17%)	58.2	52.7	47.7	46.0	47.6	52.8	59.3	63.6	64.7	64.6	65.4	64.6
Dry Years (22%)	59.1	53.0	47.8	46.3	48.8	53.5	60.2	63.6	64.5	65.1	66.0	66.0
Critical (15%)	60.5	53.8	47.8	47.1	50.1	54.7	60.9	63.6	66.4	67.6	67.7	67.5

Table 6C-12-3b. Sacramento River at Butte City, Alternative 2 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	60.3	54.7	49.5	47.8	50.1	55.4	61.6	65.3	68.0	67.8	67.4	67.4
20% Exceedance	59.4	54.3	48.8	47.0	49.3	54.3	60.9	64.9	67.0	66.9	66.8	65.9
30% Exceedance	59.0	53.8	48.4	46.6	48.6	53.8	60.1	64.2	66.6	66.4	66.3	65.5
40% Exceedance	58.8	53.3	48.0	46.2	48.1	52.8	59.6	63.7	66.0	65.9	65.6	65.0
50% Exceedance	58.3	53.0	47.8	46.0	47.8	52.3	59.0	63.1	65.4	65.3	65.3	64.2
60% Exceedance	57.9	52.6	47.5	45.8	47.4	51.6	58.6	62.9	65.2	64.7	64.9	62.4
70% Exceedance	57.6	52.4	47.3	45.6	46.9	51.0	57.2	62.3	64.7	64.1	64.8	61.3
80% Exceedance	57.2	52.1	47.1	45.4	46.5	50.2	55.9	61.3	63.8	63.4	63.8	60.1
90% Exceedance	56.5	51.8	46.7	45.0	46.2	49.6	54.5	59.7	63.2	62.8	63.5	59.7
Full Simulation Period Average^a	58.4	53.1	48.0	46.2	48.0	52.3	58.6	62.9	65.5	65.4	65.4	63.5
Wet Water Years (32%)	57.3	53.4	48.4	45.9	46.9	50.7	56.2	61.8	66.0	65.6	64.7	60.5
Above Normal Years (15%)	57.9	52.6	47.9	46.1	47.2	51.2	57.9	63.0	65.8	64.1	65.0	61.5
Below Normal Years (17%)	58.2	52.8	47.7	46.0	47.7	52.8	59.3	63.6	64.7	64.7	65.6	64.8
Dry Years (22%)	59.1	53.0	47.9	46.3	48.8	53.5	60.2	63.6	64.5	64.9	65.8	65.9
Critical (15%)	60.4	53.8	47.8	47.1	50.1	54.7	60.9	63.8	66.6	67.5	66.9	66.9

Table 6C-12-3c. Sacramento River at Butte City, Alternative 2 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-0.1	-0.1	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	-0.2	-0.5	-0.1
20% Exceedance	-0.1	0.0	0.0	-0.1	0.0	0.1	0.0	0.1	0.0	-0.3	-0.3	-0.4
30% Exceedance	-0.2	0.0	0.0	-0.1	0.1	0.1	0.1	0.0	0.1	0.1	-0.2	-0.2
40% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.1
50% Exceedance	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	-0.1	0.0	0.1
60% Exceedance	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	-0.1	0.1
70% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.1	0.2
80% Exceedance	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
90% Exceedance	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
Wet Water Years (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 Years (15%)	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.2	0.2
Below Normal Years (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2
Dry Years (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.1
Critical (15%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	-0.1	-0.8	-0.6

^a Based on the 82-year simulation period.

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

* 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.

Table 6C-12-4a. Sacramento River at Butte City, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	60.4	54.8	49.5	47.8	50.1	55.4	61.9	65.3	68.0	67.9	67.9	67.4
20% Exceedance	59.6	54.3	48.8	47.1	49.3	54.3	61.0	64.8	67.0	67.1	67.0	66.3
30% Exceedance	59.1	53.8	48.4	46.7	48.5	53.7	60.0	64.2	66.5	66.4	66.6	65.6
40% Exceedance	58.8	53.3	48.0	46.2	48.2	52.7	59.6	63.8	66.0	65.9	65.8	65.1
50% Exceedance	58.2	53.0	47.8	46.0	47.8	52.2	59.0	63.1	65.4	65.4	65.3	64.1
60% Exceedance	57.9	52.7	47.5	45.9	47.4	51.6	58.5	62.9	65.1	64.7	65.0	62.3
70% Exceedance	57.6	52.4	47.3	45.7	46.9	51.0	57.2	61.8	64.6	64.1	64.7	61.1
80% Exceedance	57.2	52.2	47.0	45.4	46.5	50.2	55.9	61.2	63.8	63.4	63.8	60.1
90% Exceedance	56.5	51.8	46.8	45.1	46.2	49.6	54.4	59.6	63.2	62.7	63.4	59.7
Full Simulation Period Average^a	58.4	53.1	48.0	46.2	48.0	52.3	58.5	62.9	65.5	65.4	65.5	63.5
Wet Water Years (32%)	57.2	53.4	48.4	45.9	46.9	50.7	56.2	61.7	66.0	65.6	64.7	60.5
Above Normal Years (15%)	58.0	52.6	48.0	46.1	47.2	51.1	57.9	63.0	65.8	64.0	64.8	61.3
Below Normal Years (17%)	58.2	52.7	47.7	46.0	47.6	52.8	59.3	63.6	64.7	64.6	65.4	64.6
Dry Years (22%)	59.1	53.0	47.8	46.3	48.8	53.5	60.2	63.6	64.5	65.1	66.0	66.0
Critical (15%)	60.5	53.8	47.8	47.1	50.1	54.7	60.9	63.6	66.4	67.6	67.7	67.5

Table 6C-12-4b. Sacramento River at Butte City, Alternative 3 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	60.2	54.8	49.5	47.7	50.1	55.3	61.8	65.3	68.2	68.2	67.8	67.3
20% Exceedance	59.1	54.3	48.8	47.1	49.3	54.3	61.0	64.8	67.3	67.2	66.8	65.8
30% Exceedance	58.9	53.8	48.3	46.6	48.6	53.7	60.3	64.1	66.7	66.6	66.4	65.4
40% Exceedance	58.5	53.2	48.0	46.2	48.1	52.8	59.7	63.8	66.1	66.0	66.0	65.1
50% Exceedance	58.2	52.9	47.8	46.0	47.8	52.4	59.1	63.5	65.6	65.4	65.5	64.2
60% Exceedance	57.6	52.7	47.5	45.8	47.4	51.6	58.6	62.9	65.3	65.0	65.1	62.2
70% Exceedance	57.3	52.4	47.3	45.6	46.9	51.0	57.2	62.1	64.8	64.2	64.7	60.9
80% Exceedance	56.9	52.2	47.1	45.4	46.5	50.2	55.9	61.3	64.4	63.4	63.8	60.2
90% Exceedance	56.4	51.8	46.7	45.0	46.2	49.6	54.5	59.6	63.4	63.0	63.6	59.7
Full Simulation Period Average^a	58.2	53.1	48.0	46.2	47.9	52.3	58.6	63.0	65.8	65.5	65.6	63.5
Wet Water Years (32%)	57.3	53.4	48.3	45.9	46.9	50.7	56.3	61.6	66.0	65.6	64.7	60.6
Above Normal Years (15%)	57.5	52.6	47.9	46.1	47.2	51.2	57.9	62.8	66.3	64.4	65.3	61.0
Below Normal Years (17%)	57.8	52.8	47.7	46.0	47.7	52.8	59.4	63.7	65.3	64.8	65.7	64.8
Dry Years (22%)	58.9	53.0	47.9	46.3	48.8	53.5	60.3	63.8	64.7	65.1	65.9	65.9
Critical (15%)	60.2	53.8	47.9	47.0	50.0	54.6	60.9	63.9	66.7	67.7	67.0	66.9

Table 6C-12-4c. Sacramento River at Butte City, Alternative 3 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-0.1	0.0	0.0	-0.1	0.0	-0.1	-0.2	0.0	0.3	0.3	-0.2	-0.1
20% Exceedance	-0.5	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.3	0.1	-0.2	-0.4
30% Exceedance	-0.2	0.0	-0.1	-0.1	0.1	0.1	0.4	-0.1	0.2	0.2	-0.2	-0.3
40% Exceedance	-0.4	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.2	-0.1
50% Exceedance	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.1	0.0	0.2	0.0
60% Exceedance	-0.3	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.2	0.2	0.1	0.0
70% Exceedance	-0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.4	0.2	0.0	0.1	-0.2
80% Exceedance	-0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.6	-0.1	0.0	0.1
90% Exceedance	-0.1	0.0	0.0	-0.1	0.0	0.1	0.1	0.0	0.2	0.3	0.1	0.0
Full Simulation Period Average^a	-0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.1	0.0	-0.1
Wet Water Years (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0	0.0	0.0	0.1
Above Normal Years (15%)	-0.5	0.0	-0.1	0.0	0.0	0.1	0.0	-0.2	0.5	0.4	0.5	-0.3
Below Normal Years (17%)	-0.3	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.6	0.2	0.3	0.2
Dry Years (22%)	-0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.0	0.0	-0.1
Critical (15%)	-0.3	0.0	0.0	0.0	0.0	-0.1	0.0	0.2	0.3	0.0	-0.8	-0.6

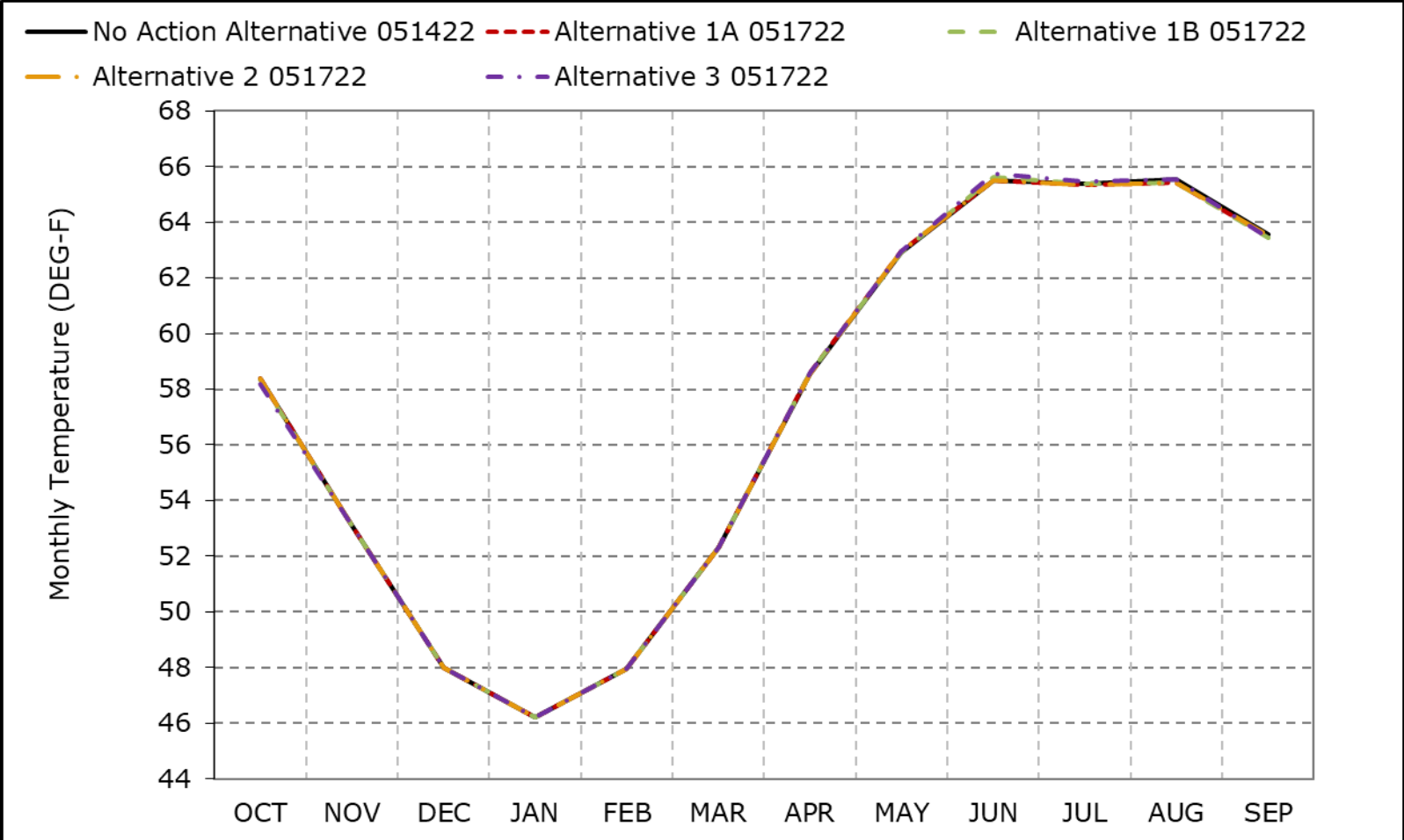
^a Based on the 82-year simulation period.

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

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

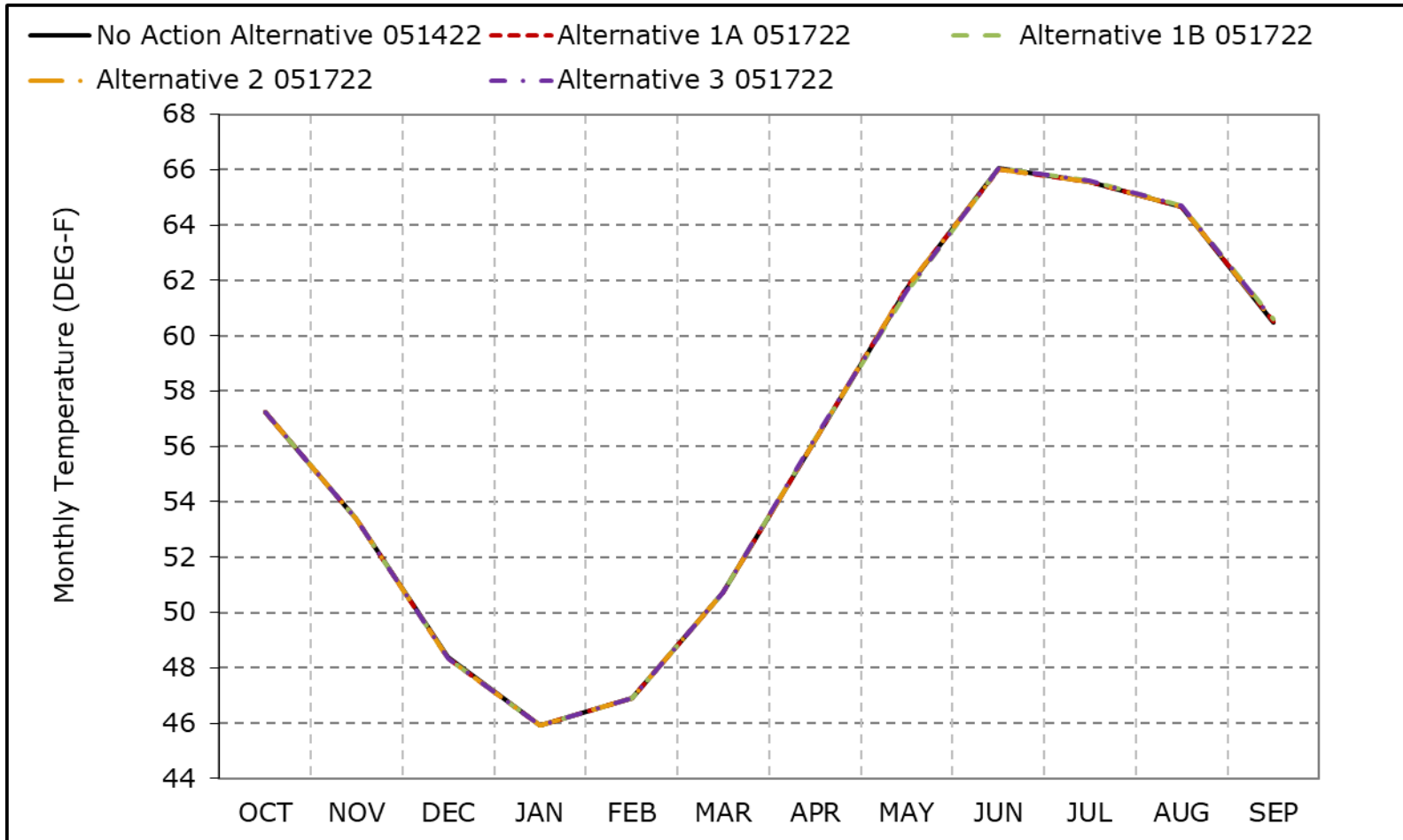
* These results are displayed with calendar year - year type sorting.

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

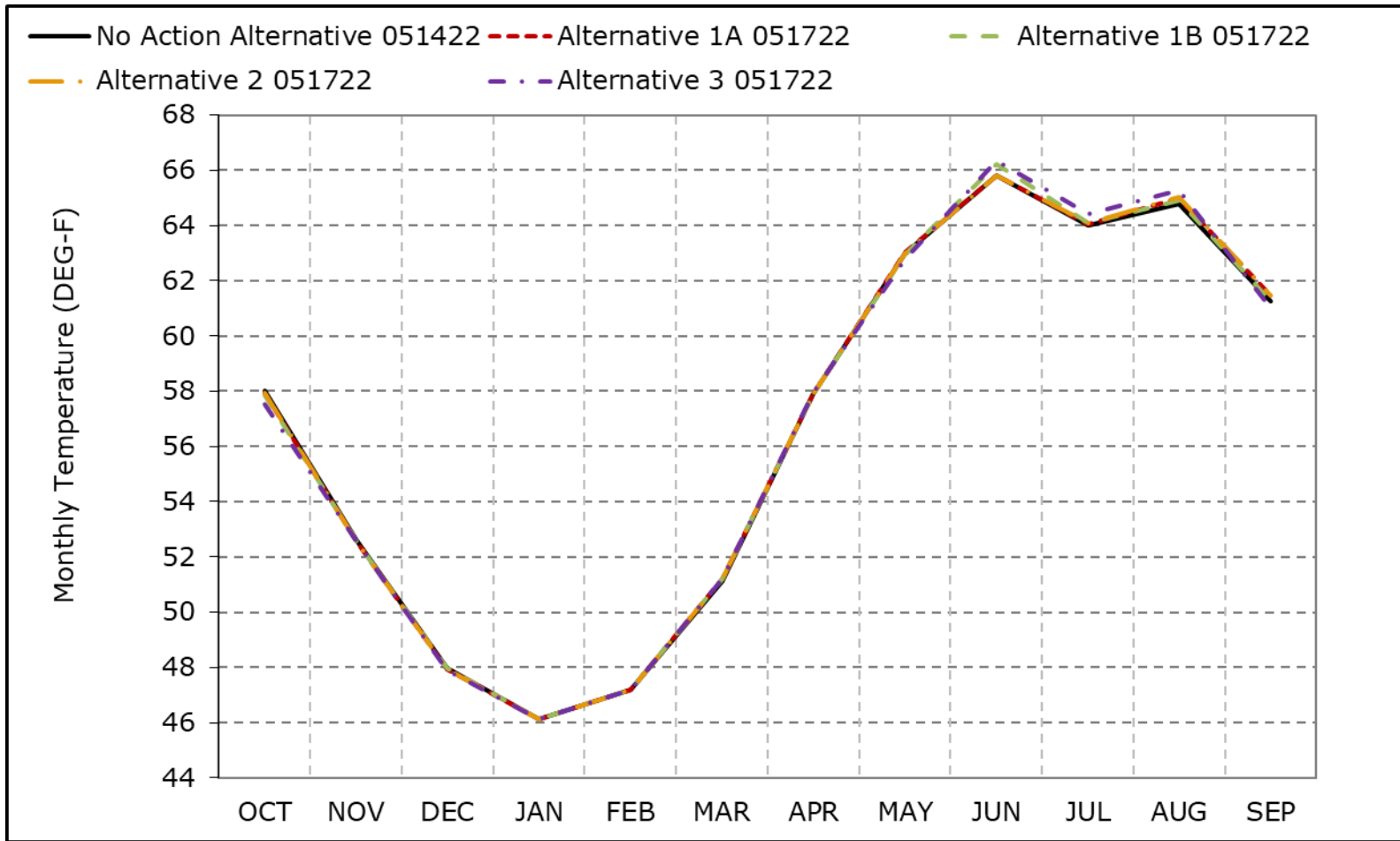


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

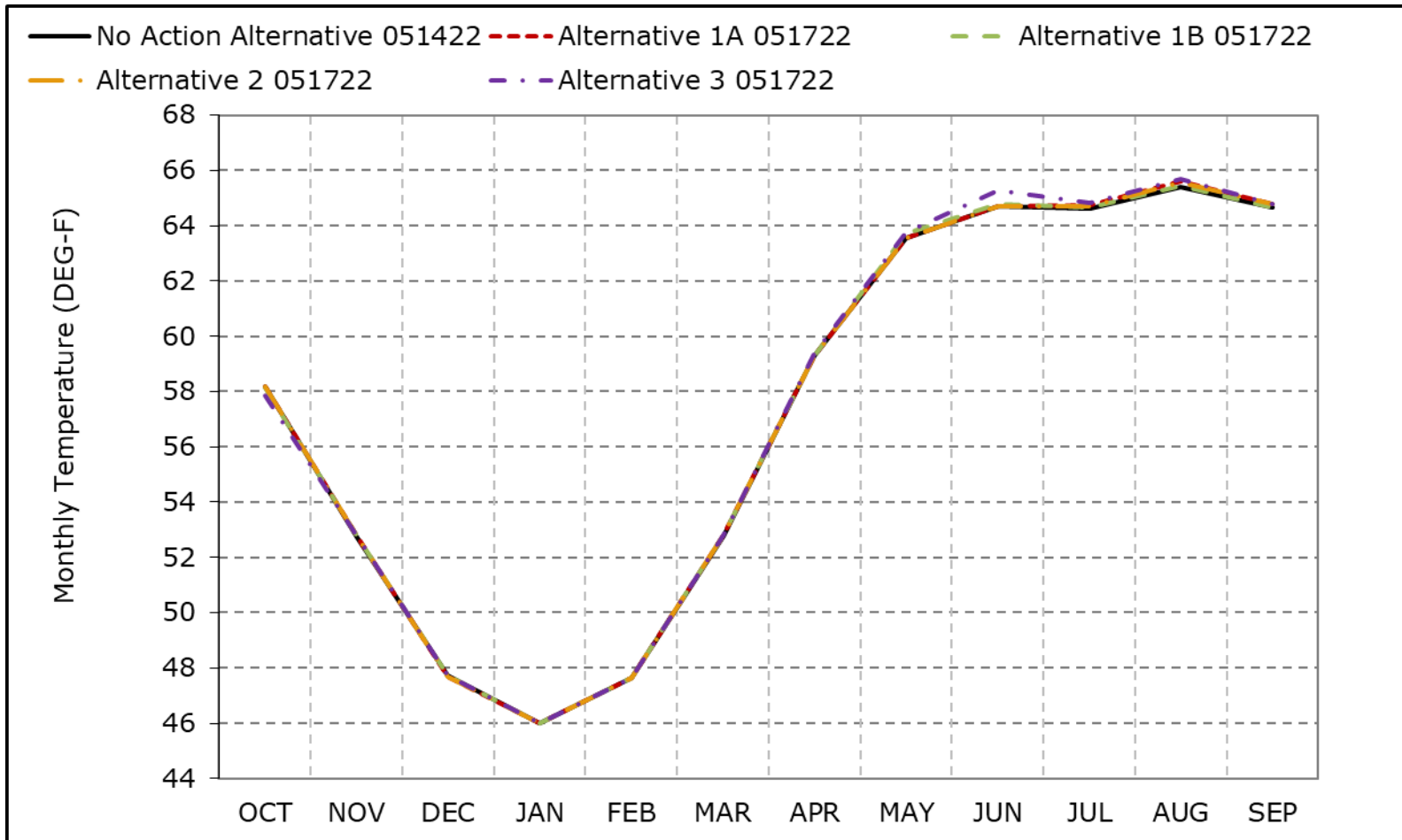
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-12-3. Sacramento River at Butte City, Above Normal Year Average 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-12-4. Sacramento River at Butte City, Below Normal Year Average Temperature

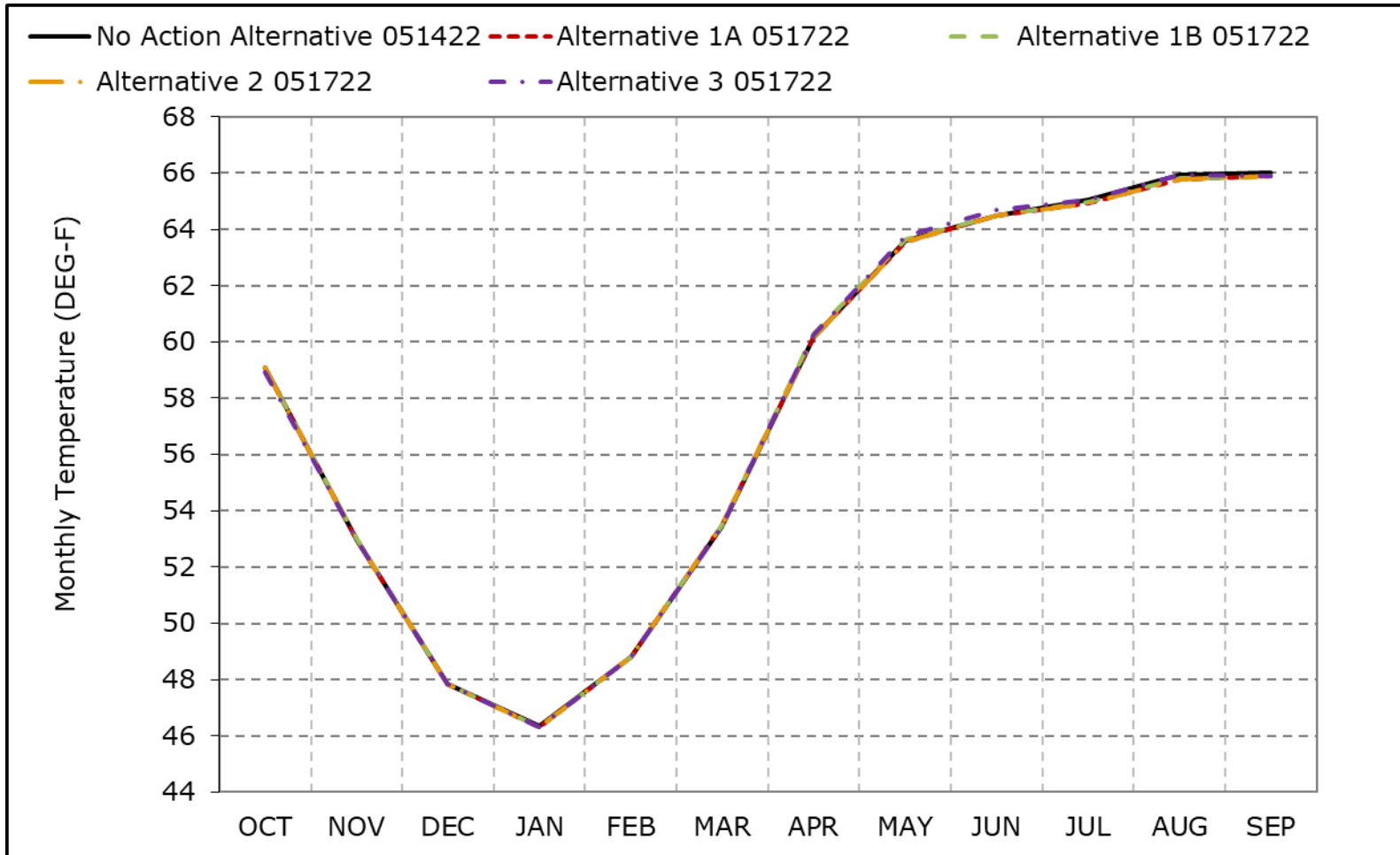


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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-12-5. Sacramento River at Butte City, Dry Year Average Temperature

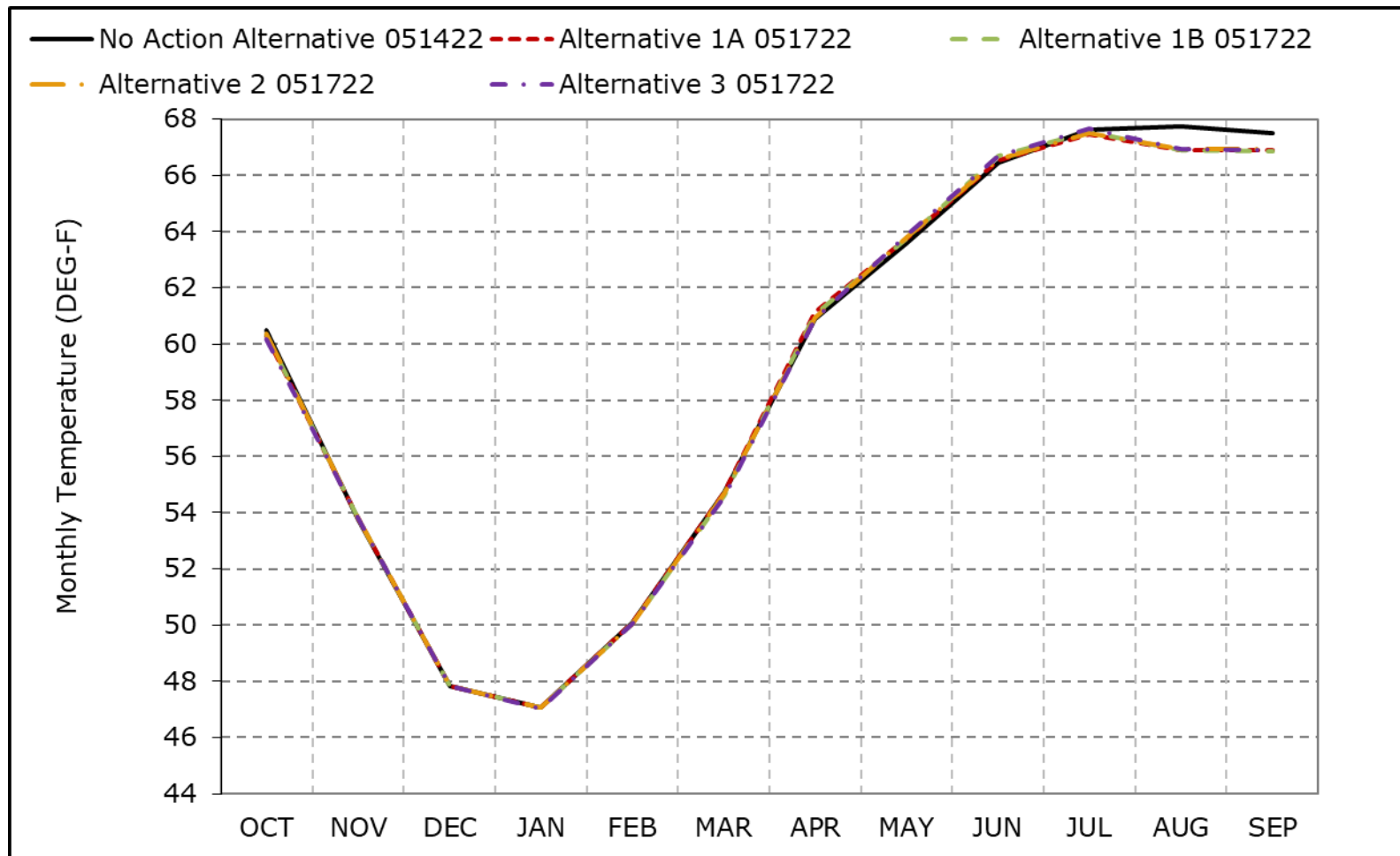


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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

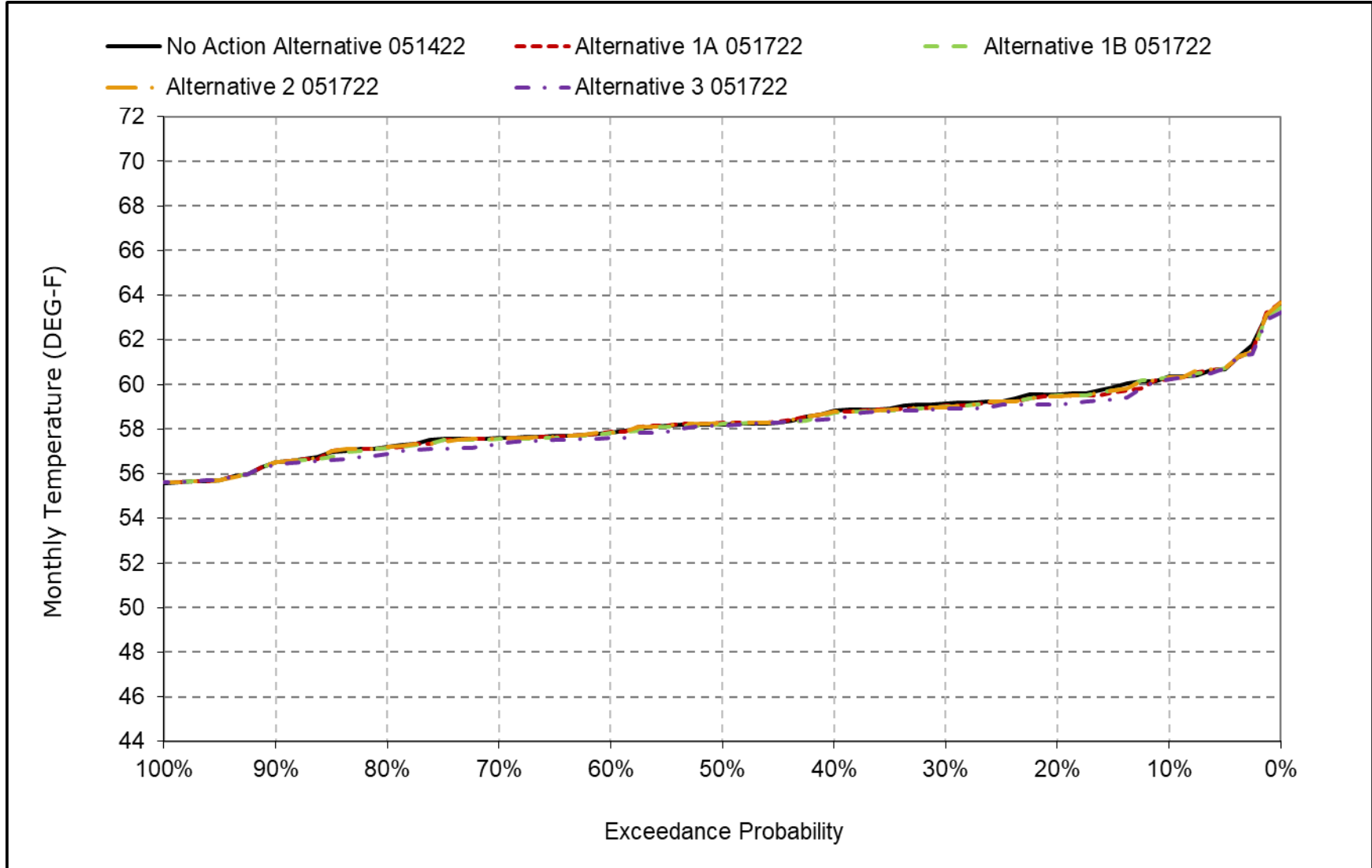


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

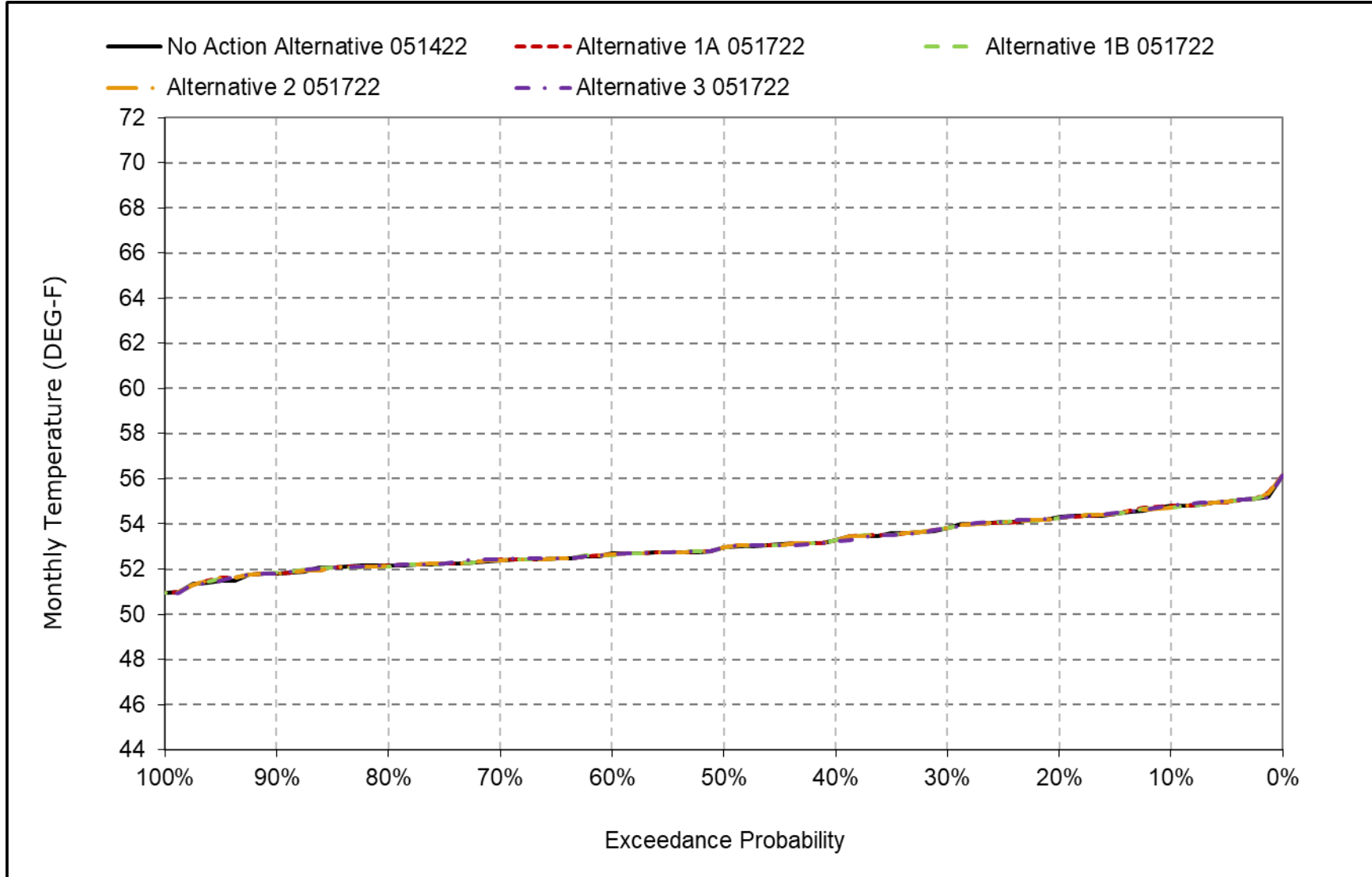
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-12-7. Sacramento River at Butte City, October



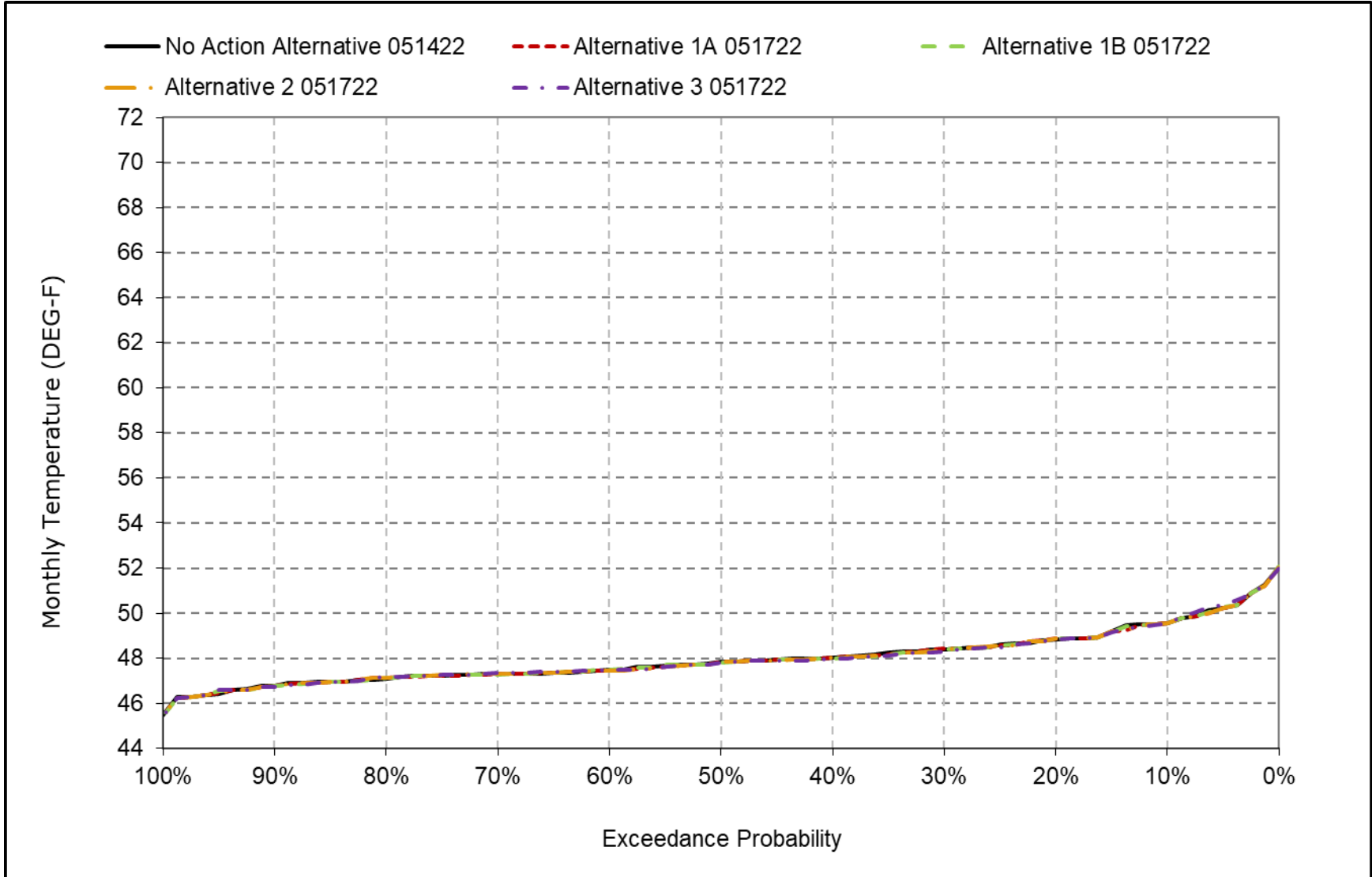
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-12-8. Sacramento River at Butte City, November



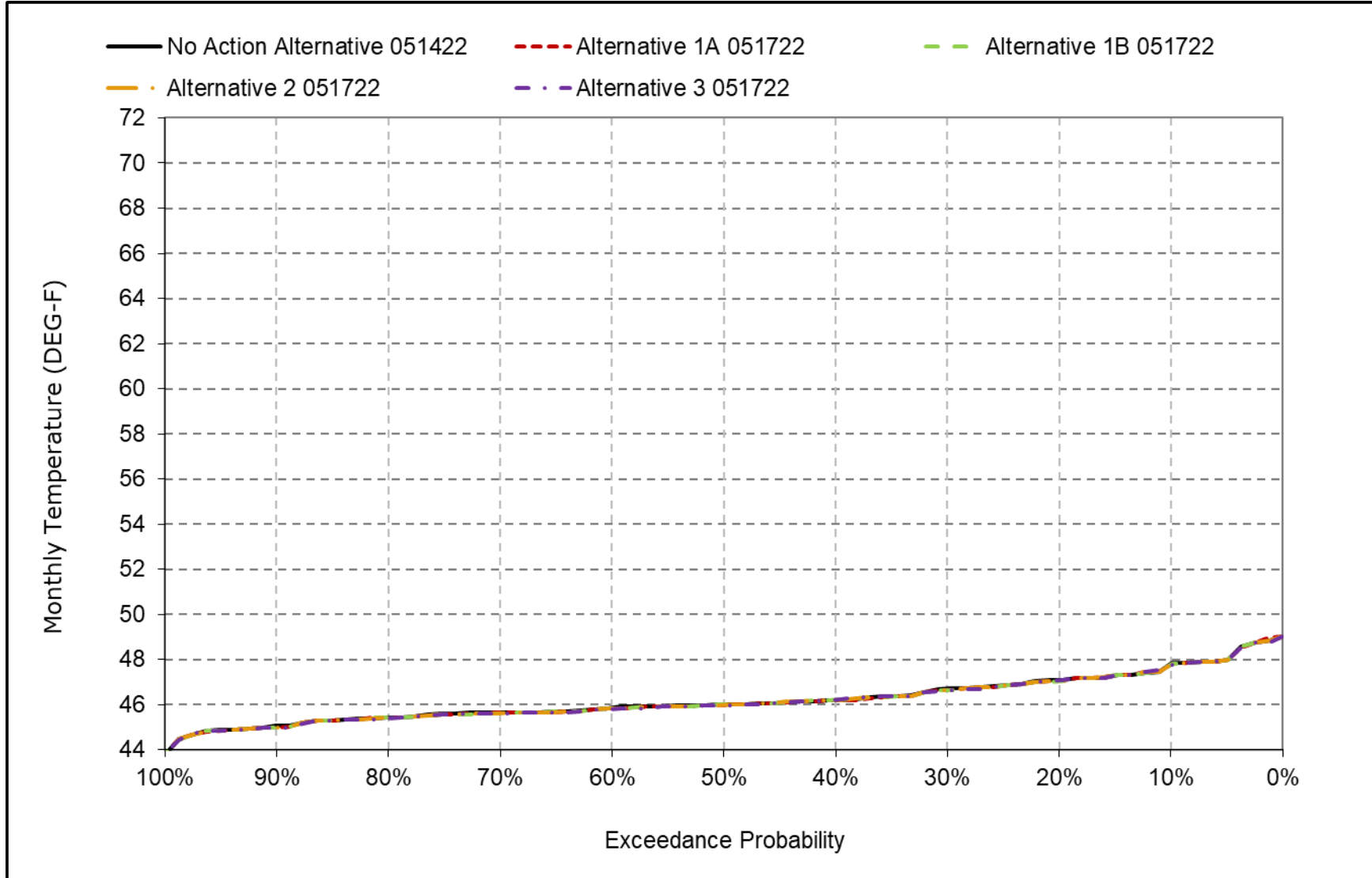
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-12-9. Sacramento River at Butte City, December



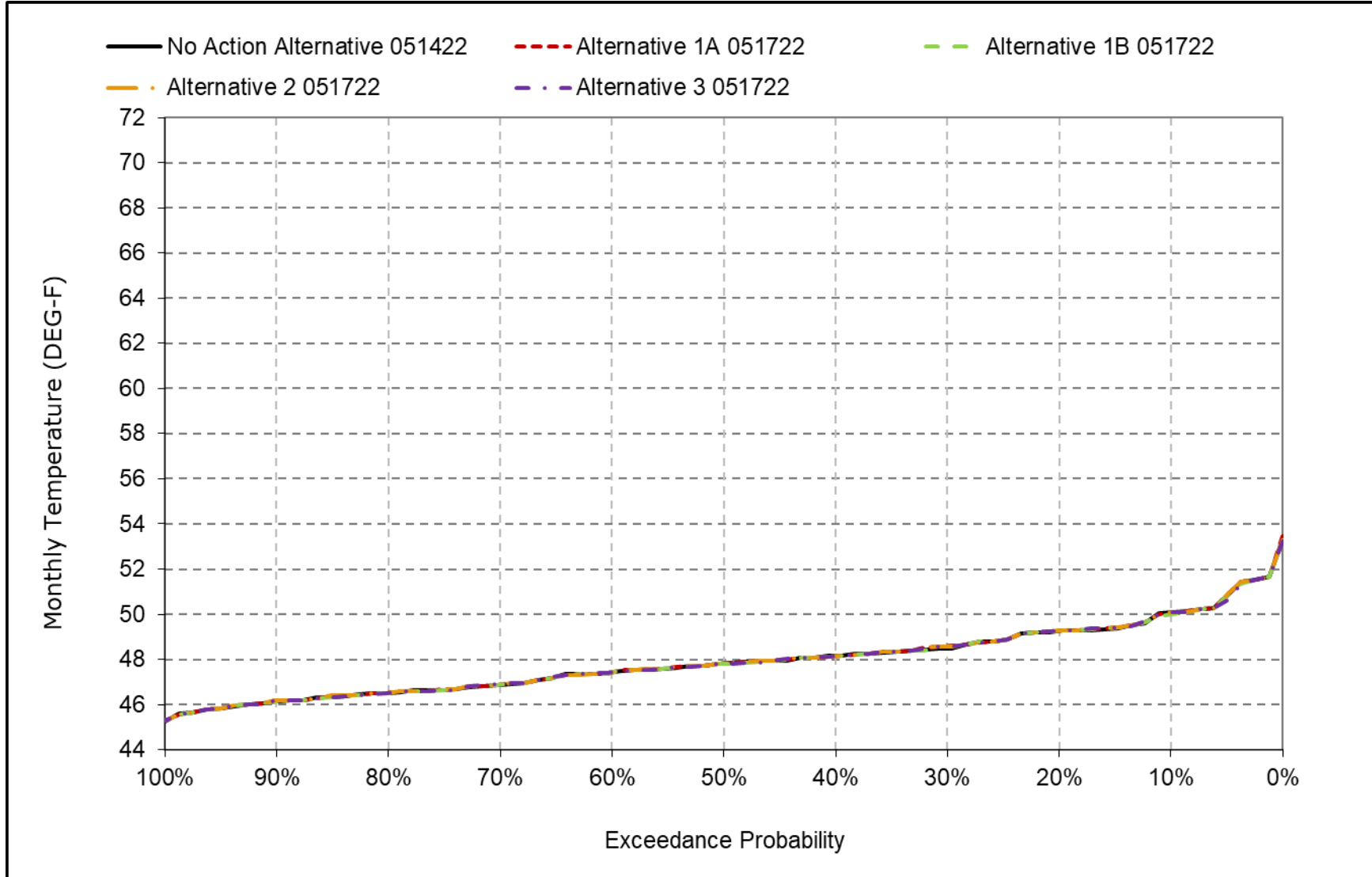
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-12-10. Sacramento River at Butte City, January



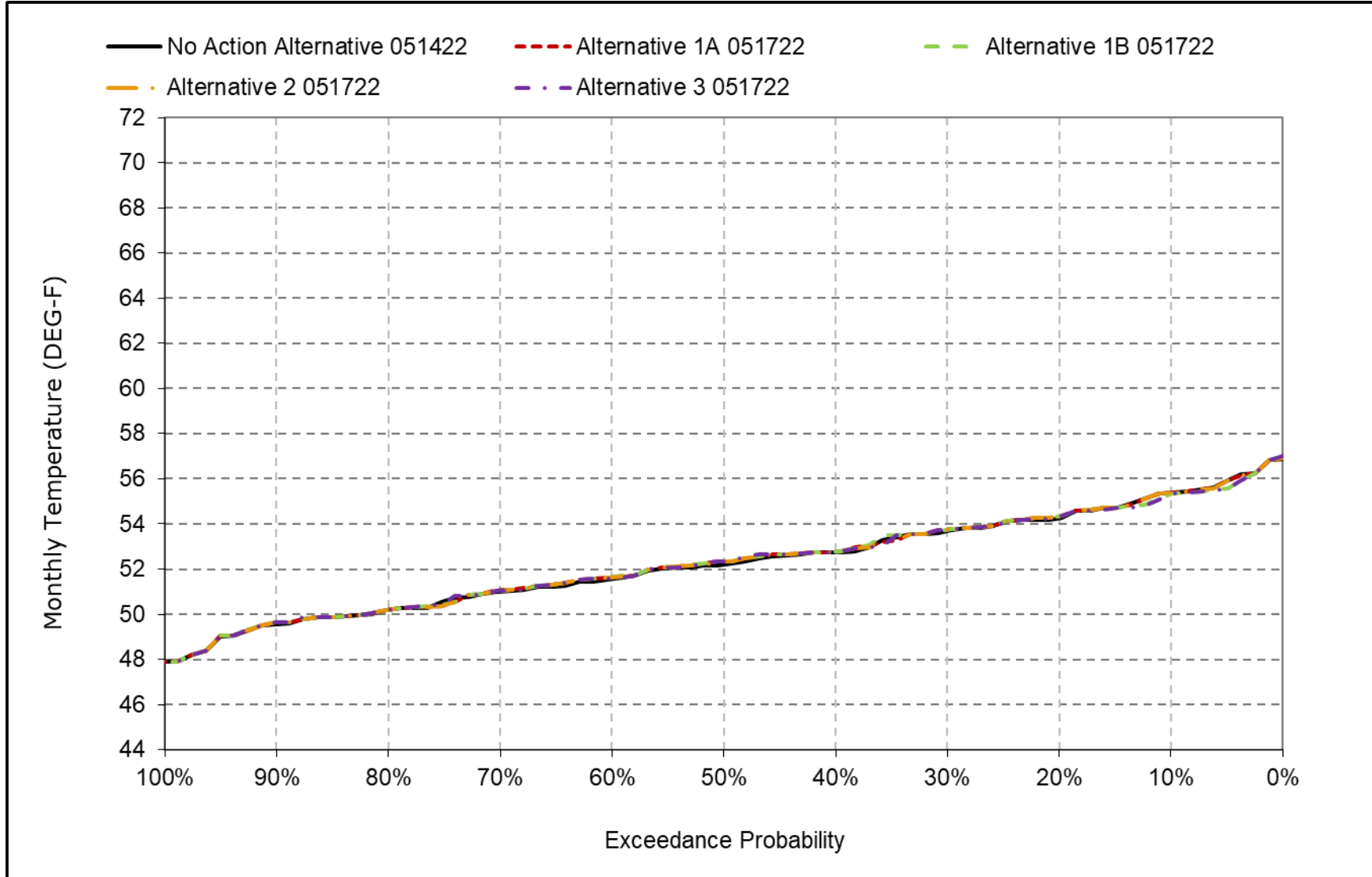
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-12-11. Sacramento River at Butte City, February



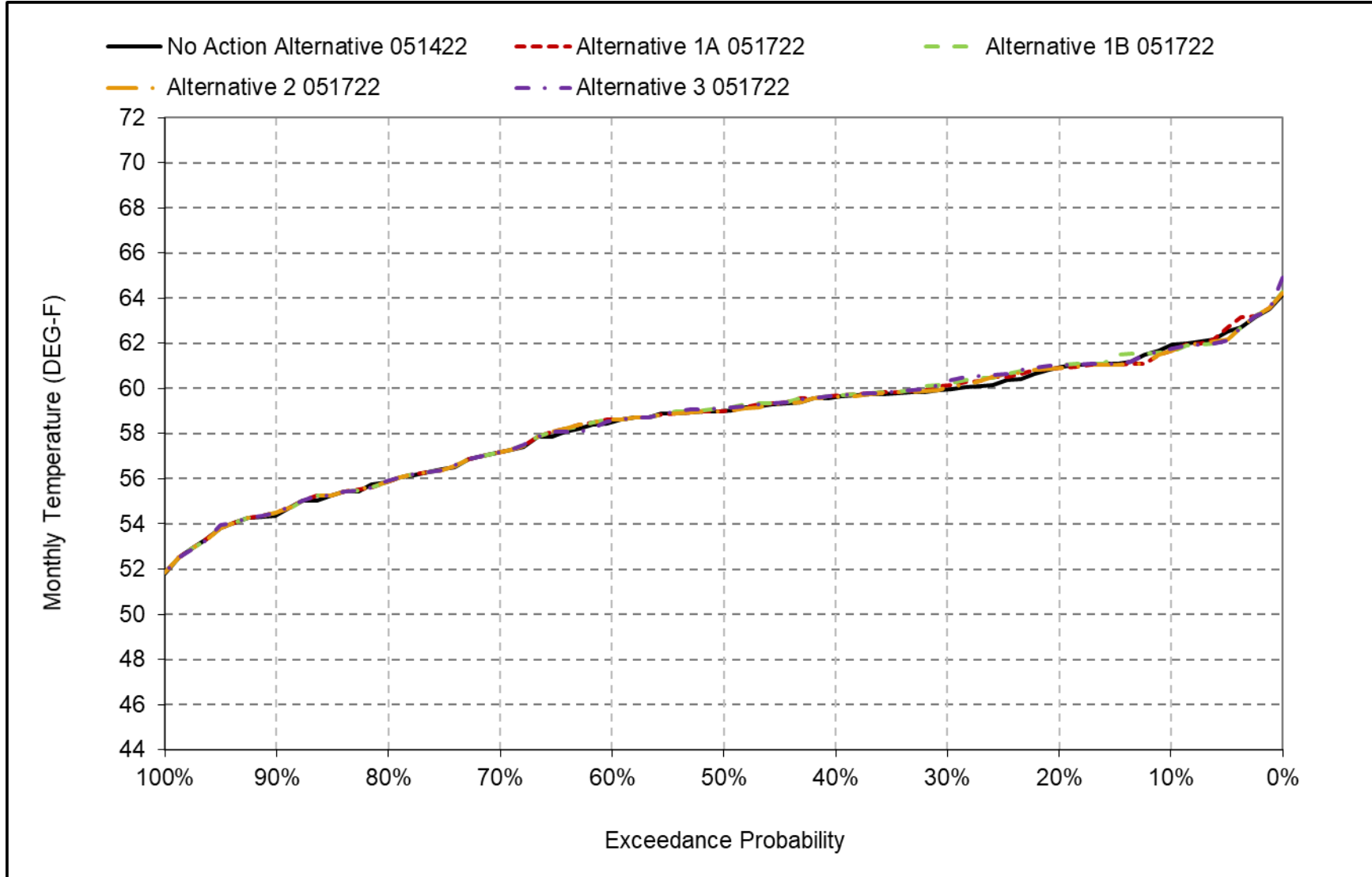
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-12-12. Sacramento River at Butte City, March



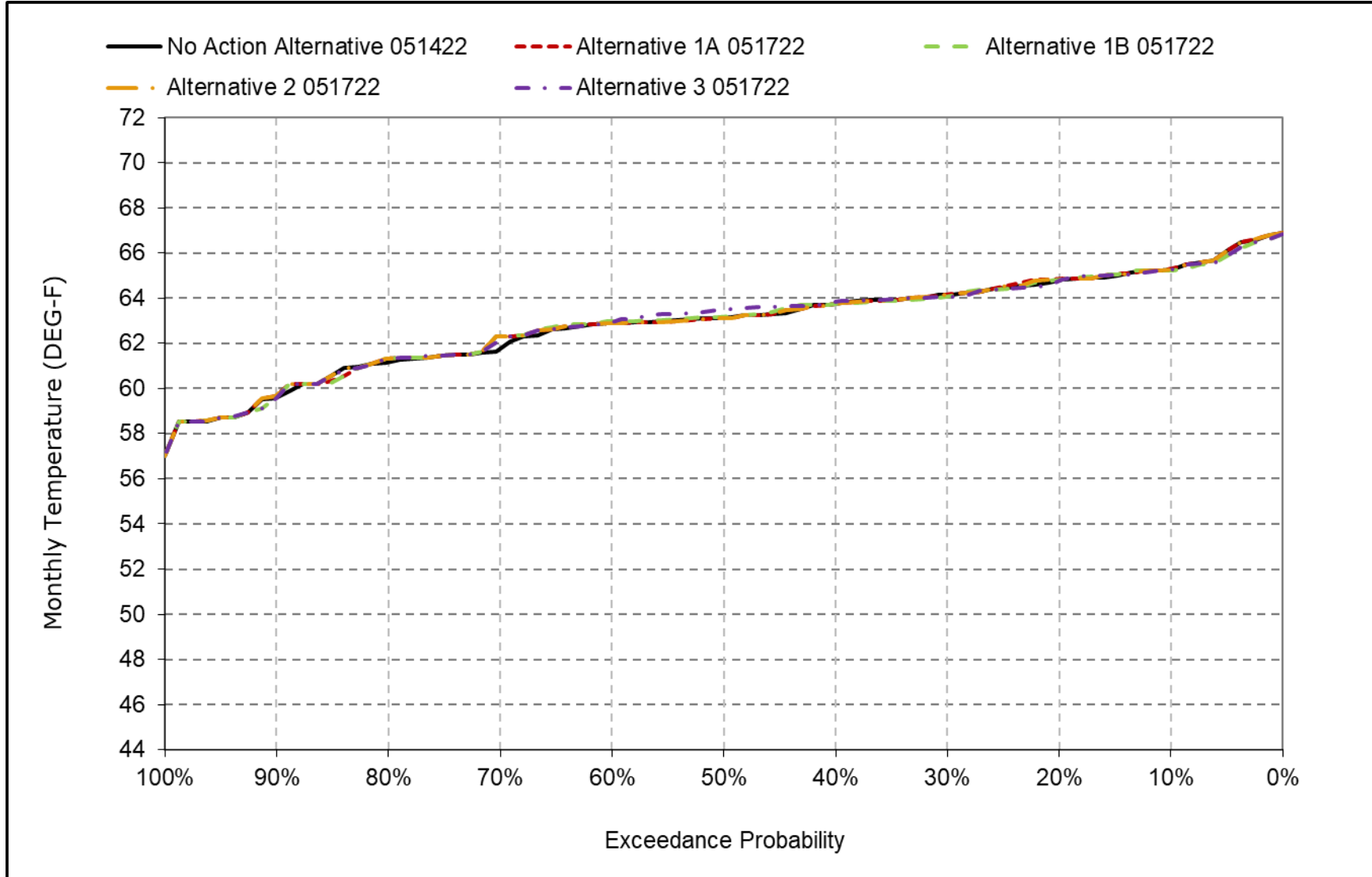
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-12-13. Sacramento River at Butte City, April



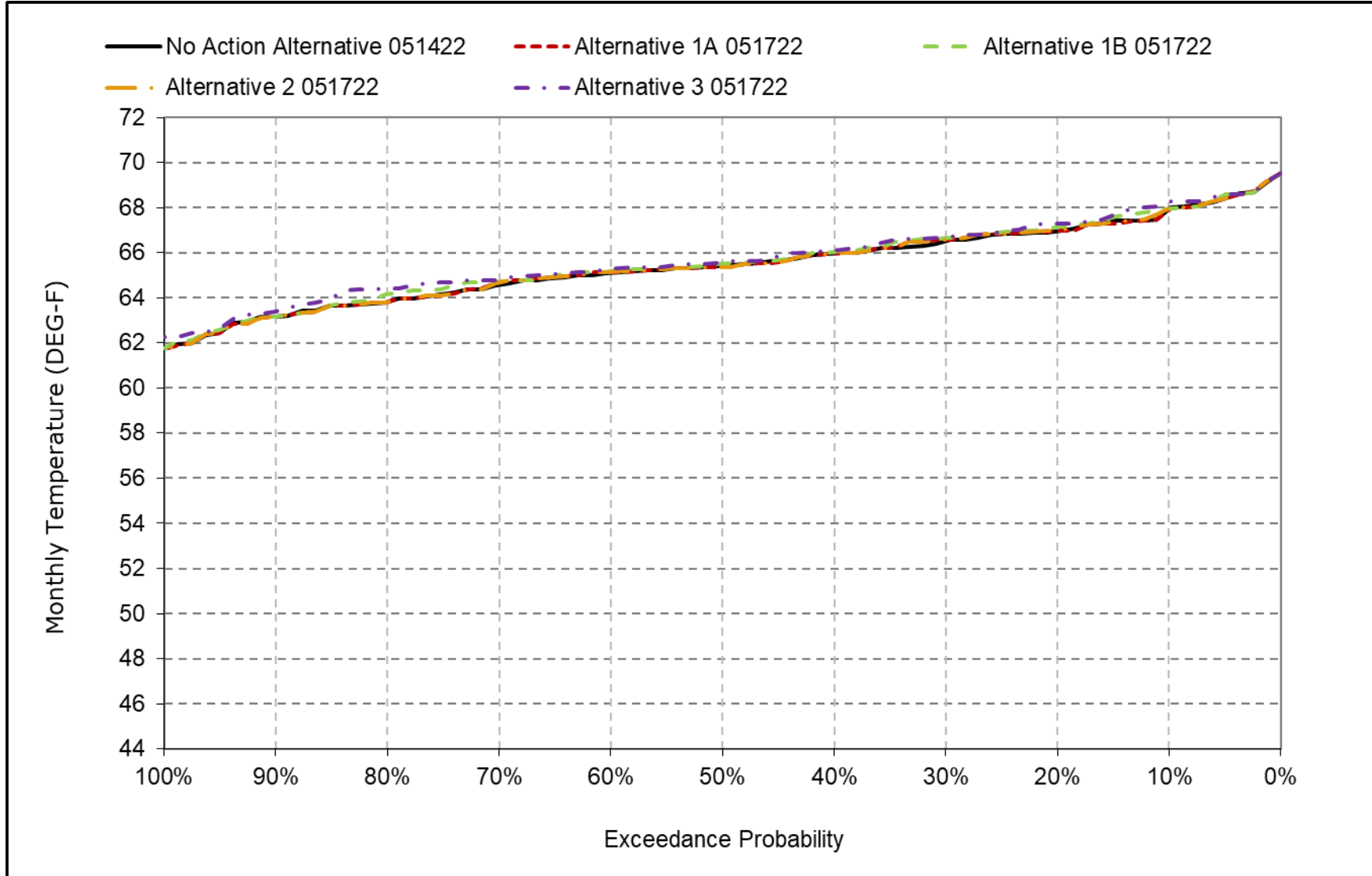
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-12-14. Sacramento River at Butte City, May



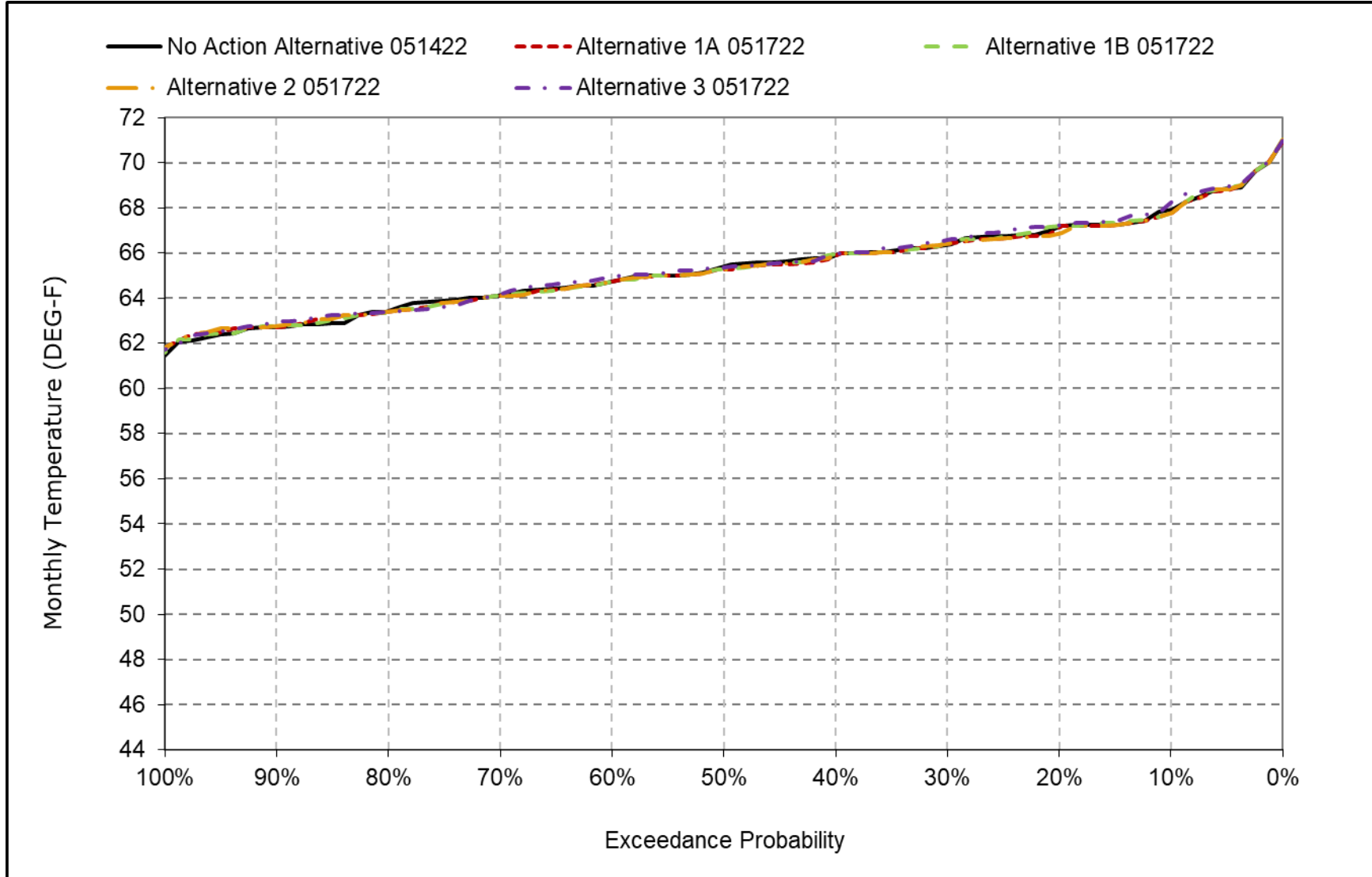
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-12-15. Sacramento River at Butte City, June



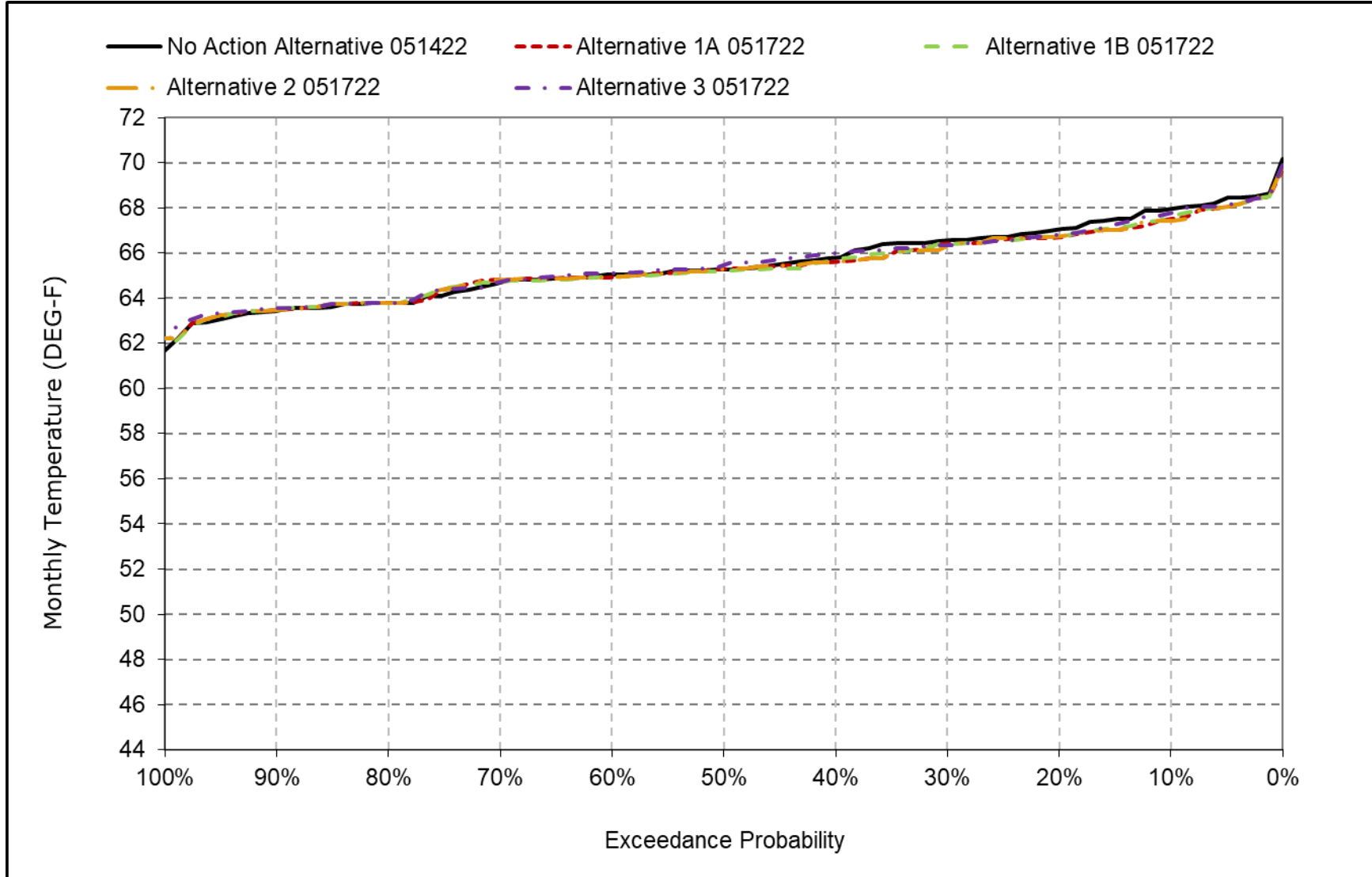
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-12-16. Sacramento River at Butte City, July



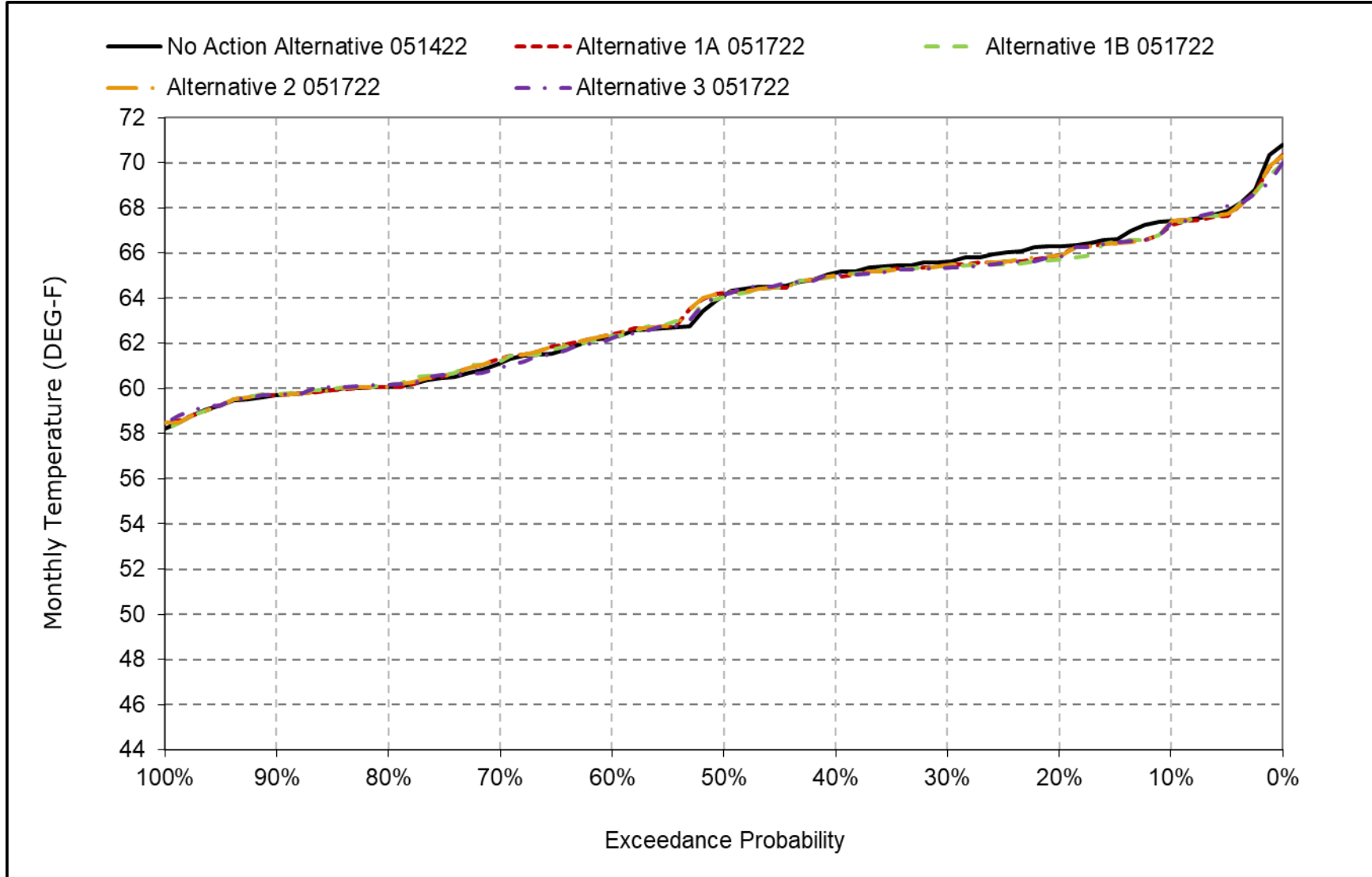
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	62.6	56.6	51.6	47.2	47.4	50.8	55.5	60.1	63.5	65.5	63.8	64.7
20% Exceedance	61.9	56.4	50.9	46.6	46.9	50.3	54.6	58.5	62.5	63.8	63.2	64.2
30% Exceedance	61.6	56.1	50.2	46.2	46.6	49.9	54.1	57.4	61.4	63.5	62.3	63.9
40% Exceedance	61.3	56.0	49.6	46.0	46.3	49.5	53.6	56.3	60.9	62.9	62.0	63.2
50% Exceedance	61.0	55.6	49.3	45.8	46.0	49.2	52.9	55.8	59.2	62.6	61.6	62.5
60% Exceedance	60.8	55.2	49.0	45.5	45.8	49.1	52.4	55.4	58.6	62.3	61.4	62.2
70% Exceedance	59.9	55.0	48.3	45.1	45.6	48.8	51.9	55.0	58.2	61.8	61.0	61.8
80% Exceedance	58.0	54.8	47.7	44.7	45.4	48.6	51.3	54.8	57.7	61.1	60.9	61.5
90% Exceedance	57.4	54.0	47.1	44.4	45.1	48.1	51.0	54.2	57.4	60.4	59.6	60.7
Full Simulation Period Average^a	60.4	55.5	49.4	45.8	46.2	49.4	53.1	56.6	60.0	62.7	61.7	62.7
Wet Water Years (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 Years (15%)	60.6	55.4	49.1	46.3	46.3	49.2	52.6	55.6	59.0	62.7	61.3	62.8
Below Normal Years (17%)	60.7	55.1	48.8	45.9	46.0	49.2	53.5	56.6	59.9	63.0	61.9	62.7
Dry Years (22%)	61.7	55.5	49.0	45.6	46.4	49.8	53.9	58.2	62.0	62.7	62.5	63.6
Critical (15%)	61.7	55.1	48.6	46.1	47.1	50.9	55.1	59.3	62.3	65.5	63.8	64.3

Table 6C-13-1b. American River below Nimbus Dam, Alternative 1A 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	62.5	56.6	51.6	47.2	47.4	50.8	55.3	60.1	63.7	65.5	63.8	64.7
20% Exceedance	61.9	56.4	50.9	46.6	46.9	50.4	54.7	58.5	62.4	63.7	63.2	64.2
30% Exceedance	61.6	56.2	50.2	46.2	46.6	49.9	54.1	57.2	61.5	63.5	62.3	63.9
40% Exceedance	61.3	56.0	49.6	46.0	46.3	49.5	53.6	56.3	60.9	62.9	62.0	63.3
50% Exceedance	61.0	55.5	49.3	45.8	46.0	49.2	52.9	55.8	59.4	62.7	61.7	62.5
60% Exceedance	60.8	55.3	49.0	45.5	45.8	49.1	52.4	55.4	58.6	62.3	61.4	62.2
70% Exceedance	60.0	55.1	48.3	45.1	45.7	48.8	51.9	55.0	58.2	61.8	61.1	61.8
80% Exceedance	58.0	54.8	47.7	44.7	45.3	48.6	51.4	54.8	57.7	61.1	60.9	61.5
90% Exceedance	57.4	54.1	47.1	44.4	45.1	48.1	51.0	54.2	57.4	60.4	59.6	60.6
Full Simulation Period Average^a	60.4	55.5	49.4	45.8	46.2	49.4	53.1	56.6	60.0	62.7	61.8	62.7
Wet Water Years (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 Years (15%)	60.5	55.4	49.1	46.4	46.3	49.2	52.6	55.6	59.0	62.6	61.3	62.8
Below Normal Years (17%)	60.7	55.1	48.8	45.9	46.0	49.2	53.5	56.5	59.9	63.0	61.9	62.7
Dry Years (22%)	61.7	55.4	49.0	45.6	46.4	49.8	53.9	58.2	62.0	62.6	62.5	63.7
Critical (15%)	62.0	55.2	48.7	46.1	47.2	51.0	55.2	59.2	62.4	65.4	63.8	64.4

Table 6C-13-1c. American River below Nimbus Dam, Alternative 1A 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.1	0.0	0.0	0.0
20% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	0.0
30% Exceedance	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.2	0.1	0.0	0.0	0.0
40% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
50% Exceedance	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
60% Exceedance	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% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
80% Exceedance	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% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (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 Years (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 Years (22%)	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Critical (15%)	0.3	0.1	0.1	0.0	0.0	0.1	0.1	-0.1	0.1	-0.1	0.0	0.0

^a Based on the 82-year simulation period.

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

* 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.

Table 6C-13-2a. American River below Nimbus Dam, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	62.6	56.6	51.6	47.2	47.4	50.8	55.5	60.1	63.5	65.5	63.8	64.7
20% Exceedance	61.9	56.4	50.9	46.6	46.9	50.3	54.6	58.5	62.5	63.8	63.2	64.2
30% Exceedance	61.6	56.1	50.2	46.2	46.6	49.9	54.1	57.4	61.4	63.5	62.3	63.9
40% Exceedance	61.3	56.0	49.6	46.0	46.3	49.5	53.6	56.3	60.9	62.9	62.0	63.2
50% Exceedance	61.0	55.6	49.3	45.8	46.0	49.2	52.9	55.8	59.2	62.6	61.6	62.5
60% Exceedance	60.8	55.2	49.0	45.5	45.8	49.1	52.4	55.4	58.6	62.3	61.4	62.2
70% Exceedance	59.9	55.0	48.3	45.1	45.6	48.8	51.9	55.0	58.2	61.8	61.0	61.8
80% Exceedance	58.0	54.8	47.7	44.7	45.4	48.6	51.3	54.8	57.7	61.1	60.9	61.5
90% Exceedance	57.4	54.0	47.1	44.4	45.1	48.1	51.0	54.2	57.4	60.4	59.6	60.7
Full Simulation Period Average^a	60.4	55.5	49.4	45.8	46.2	49.4	53.1	56.6	60.0	62.7	61.7	62.7
Wet Water Years (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 Years (15%)	60.6	55.4	49.1	46.3	46.3	49.2	52.6	55.6	59.0	62.7	61.3	62.8
Below Normal Years (17%)	60.7	55.1	48.8	45.9	46.0	49.2	53.5	56.6	59.9	63.0	61.9	62.7
Dry Years (22%)	61.7	55.5	49.0	45.6	46.4	49.8	53.9	58.2	62.0	62.7	62.5	63.6
Critical (15%)	61.7	55.1	48.6	46.1	47.1	50.9	55.1	59.3	62.3	65.5	63.8	64.3

Table 6C-13-2b. American River below Nimbus Dam, Alternative 1B 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	62.5	56.6	51.6	47.2	47.4	50.7	55.4	60.1	63.7	65.4	63.7	64.7
20% Exceedance	61.8	56.3	50.9	46.6	46.9	50.4	54.7	58.7	62.2	63.9	63.2	64.3
30% Exceedance	61.6	56.1	50.1	46.2	46.6	49.9	54.1	57.3	61.3	63.5	62.3	64.0
40% Exceedance	61.4	56.0	49.6	45.9	46.3	49.5	53.6	56.3	60.6	63.0	62.1	63.3
50% Exceedance	61.0	55.6	49.3	45.7	46.0	49.2	52.9	55.8	59.2	62.6	61.7	62.6
60% Exceedance	60.6	55.3	49.0	45.4	45.8	49.1	52.4	55.4	58.6	62.3	61.4	62.2
70% Exceedance	60.0	55.0	48.4	45.1	45.7	48.8	51.9	55.0	58.2	61.9	61.0	61.8
80% Exceedance	58.0	54.8	47.8	44.7	45.3	48.6	51.4	54.8	57.7	61.1	60.8	61.4
90% Exceedance	57.4	54.1	47.1	44.4	45.1	48.1	51.0	54.2	57.4	60.4	59.6	60.6
Full Simulation Period Average^a	60.4	55.5	49.4	45.8	46.2	49.4	53.1	56.6	60.0	62.8	61.7	62.7
Wet Water Years (32%)	58.6	56.0	50.5	45.4	45.7	48.7	51.6	54.9	58.1	61.4	60.4	61.2
Above Normal Years (15%)	60.5	55.4	49.2	46.4	46.3	49.2	52.6	55.6	58.8	62.7	61.2	62.7
Below Normal Years (17%)	60.7	55.1	48.8	45.9	46.0	49.2	53.5	56.5	59.9	63.1	61.8	62.7
Dry Years (22%)	61.7	55.4	49.0	45.6	46.4	49.8	53.8	58.2	62.0	62.7	62.4	63.8
Critical (15%)	61.6	55.1	48.7	46.1	47.2	51.0	55.2	59.2	62.3	65.5	63.8	64.3

Table 6C-13-2c. American River below Nimbus Dam, Alternative 1B 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	-0.1	-0.1	0.0
20% Exceedance	-0.1	-0.1	0.0	0.0	0.0	0.1	0.1	0.2	-0.2	0.1	-0.1	0.1
30% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
40% Exceedance	0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	-0.3	0.1	0.1	0.1
50% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.1
60% Exceedance	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70% Exceedance	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
80% Exceedance	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
90% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (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 Years (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 Years (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.2
Critical (15%)	-0.1	0.1	0.1	0.0	0.0	0.1	0.1	-0.1	0.0	0.0	0.0	0.0

^a Based on the 82-year simulation period.

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

* 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.

Table 6C-13-3a. American River below Nimbus Dam, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	62.6	56.6	51.6	47.2	47.4	50.8	55.5	60.1	63.5	65.5	63.8	64.7
20% Exceedance	61.9	56.4	50.9	46.6	46.9	50.3	54.6	58.5	62.5	63.8	63.2	64.2
30% Exceedance	61.6	56.1	50.2	46.2	46.6	49.9	54.1	57.4	61.4	63.5	62.3	63.9
40% Exceedance	61.3	56.0	49.6	46.0	46.3	49.5	53.6	56.3	60.9	62.9	62.0	63.2
50% Exceedance	61.0	55.6	49.3	45.8	46.0	49.2	52.9	55.8	59.2	62.6	61.6	62.5
60% Exceedance	60.8	55.2	49.0	45.5	45.8	49.1	52.4	55.4	58.6	62.3	61.4	62.2
70% Exceedance	59.9	55.0	48.3	45.1	45.6	48.8	51.9	55.0	58.2	61.8	61.0	61.8
80% Exceedance	58.0	54.8	47.7	44.7	45.4	48.6	51.3	54.8	57.7	61.1	60.9	61.5
90% Exceedance	57.4	54.0	47.1	44.4	45.1	48.1	51.0	54.2	57.4	60.4	59.6	60.7
Full Simulation Period Average^a	60.4	55.5	49.4	45.8	46.2	49.4	53.1	56.6	60.0	62.7	61.7	62.7
Wet Water Years (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 Years (15%)	60.6	55.4	49.1	46.3	46.3	49.2	52.6	55.6	59.0	62.7	61.3	62.8
Below Normal Years (17%)	60.7	55.1	48.8	45.9	46.0	49.2	53.5	56.6	59.9	63.0	61.9	62.7
Dry Years (22%)	61.7	55.5	49.0	45.6	46.4	49.8	53.9	58.2	62.0	62.7	62.5	63.6
Critical (15%)	61.7	55.1	48.6	46.1	47.1	50.9	55.1	59.3	62.3	65.5	63.8	64.3

Table 6C-13-3b. American River below Nimbus Dam, Alternative 2 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	62.5	56.6	51.6	47.2	47.4	50.8	55.5	60.1	63.5	65.5	63.8	64.7
20% Exceedance	61.9	56.4	50.9	46.6	46.9	50.4	54.7	58.5	62.4	63.7	63.2	64.2
30% Exceedance	61.6	56.2	50.2	46.2	46.6	49.9	54.1	57.2	61.5	63.5	62.3	63.9
40% Exceedance	61.3	56.0	49.6	46.0	46.3	49.5	53.6	56.3	60.9	62.9	62.0	63.3
50% Exceedance	61.0	55.6	49.3	45.8	46.0	49.2	52.9	55.8	59.4	62.7	61.7	62.5
60% Exceedance	60.7	55.3	49.0	45.5	45.8	49.1	52.4	55.4	58.6	62.3	61.4	62.2
70% Exceedance	60.0	55.1	48.4	45.1	45.6	48.8	51.9	55.0	58.2	61.8	61.1	61.8
80% Exceedance	58.0	54.8	47.7	44.7	45.3	48.6	51.3	54.8	57.7	61.1	60.9	61.5
90% Exceedance	57.4	54.1	47.1	44.4	45.1	48.1	51.0	54.2	57.4	60.4	59.6	60.7
Full Simulation Period Average^a	60.4	55.5	49.4	45.8	46.2	49.4	53.1	56.6	60.0	62.7	61.7	62.7
Wet Water Years (32%)	58.6	56.0	50.5	45.4	45.7	48.7	51.6	54.9	58.1	61.4	60.4	61.2
Above Normal Years (15%)	60.5	55.4	49.2	46.4	46.3	49.2	52.6	55.6	59.0	62.6	61.3	62.8
Below Normal Years (17%)	60.7	55.1	48.8	45.9	46.0	49.2	53.5	56.5	59.9	63.0	61.8	62.7
Dry Years (22%)	61.7	55.4	49.0	45.6	46.4	49.8	53.9	58.2	62.0	62.6	62.5	63.7
Critical (15%)	61.7	55.2	48.7	46.1	47.2	51.0	55.1	59.2	62.3	65.5	63.8	64.3

Table 6C-13-3c. American River below Nimbus Dam, Alternative 2 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
30% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.1	0.0	0.0	0.0
40% Exceedance	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% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
60% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70% Exceedance	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
80% Exceedance	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (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 Years (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 Years (22%)	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Critical (15%)	0.1	0.1	0.1	0.0	0.0	0.1	0.1	-0.1	0.0	0.0	0.0	0.0

^a Based on the 82-year simulation period.

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

* 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.

Table 6C-13-4a. American River below Nimbus Dam, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	62.6	56.6	51.6	47.2	47.4	50.8	55.5	60.1	63.5	65.5	63.8	64.7
20% Exceedance	61.9	56.4	50.9	46.6	46.9	50.3	54.6	58.5	62.5	63.8	63.2	64.2
30% Exceedance	61.6	56.1	50.2	46.2	46.6	49.9	54.1	57.4	61.4	63.5	62.3	63.9
40% Exceedance	61.3	56.0	49.6	46.0	46.3	49.5	53.6	56.3	60.9	62.9	62.0	63.2
50% Exceedance	61.0	55.6	49.3	45.8	46.0	49.2	52.9	55.8	59.2	62.6	61.6	62.5
60% Exceedance	60.8	55.2	49.0	45.5	45.8	49.1	52.4	55.4	58.6	62.3	61.4	62.2
70% Exceedance	59.9	55.0	48.3	45.1	45.6	48.8	51.9	55.0	58.2	61.8	61.0	61.8
80% Exceedance	58.0	54.8	47.7	44.7	45.4	48.6	51.3	54.8	57.7	61.1	60.9	61.5
90% Exceedance	57.4	54.0	47.1	44.4	45.1	48.1	51.0	54.2	57.4	60.4	59.6	60.7
Full Simulation Period Average^a	60.4	55.5	49.4	45.8	46.2	49.4	53.1	56.6	60.0	62.7	61.7	62.7
Wet Water Years (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 Years (15%)	60.6	55.4	49.1	46.3	46.3	49.2	52.6	55.6	59.0	62.7	61.3	62.8
Below Normal Years (17%)	60.7	55.1	48.8	45.9	46.0	49.2	53.5	56.6	59.9	63.0	61.9	62.7
Dry Years (22%)	61.7	55.5	49.0	45.6	46.4	49.8	53.9	58.2	62.0	62.7	62.5	63.6
Critical (15%)	61.7	55.1	48.6	46.1	47.1	50.9	55.1	59.3	62.3	65.5	63.8	64.3

Table 6C-13-4b. American River below Nimbus Dam, Alternative 3 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	62.5	56.6	51.6	47.1	47.4	50.9	55.3	60.0	63.5	65.5	63.7	64.7
20% Exceedance	61.9	56.4	50.9	46.6	46.9	50.5	54.7	58.8	62.6	63.8	63.1	64.3
30% Exceedance	61.6	56.2	50.1	46.2	46.6	49.9	54.2	57.4	61.3	63.5	62.5	63.9
40% Exceedance	61.4	56.0	49.7	46.0	46.3	49.5	53.7	56.3	60.7	62.9	62.1	63.2
50% Exceedance	61.0	55.7	49.4	45.7	46.0	49.3	52.9	55.8	59.0	62.7	61.7	62.7
60% Exceedance	60.6	55.4	49.1	45.4	45.8	49.1	52.4	55.4	58.6	62.4	61.4	62.1
70% Exceedance	59.2	55.2	48.4	45.1	45.7	48.8	51.9	55.1	58.2	61.9	61.1	61.8
80% Exceedance	58.0	54.8	47.8	44.7	45.4	48.6	51.4	54.8	57.7	61.1	60.8	61.2
90% Exceedance	57.4	54.1	47.1	44.5	45.2	48.1	51.0	54.2	57.4	60.5	59.6	60.7
Full Simulation Period Average^a	60.3	55.6	49.5	45.8	46.2	49.4	53.1	56.6	60.0	62.7	61.7	62.7
Wet Water Years (32%)	58.6	56.0	50.5	45.4	45.7	48.7	51.6	54.9	58.1	61.4	60.4	61.2
Above Normal Years (15%)	60.4	55.6	49.3	46.4	46.3	49.2	52.6	55.6	58.8	62.8	61.1	62.7
Below Normal Years (17%)	60.7	55.2	48.9	45.9	46.0	49.2	53.5	56.5	59.9	63.0	61.9	62.7
Dry Years (22%)	61.6	55.5	49.0	45.6	46.4	49.8	53.8	58.1	61.9	62.7	62.6	63.7
Critical (15%)	61.6	55.2	48.7	46.1	47.1	51.0	55.2	59.2	62.4	65.4	63.8	64.2

Table 6C-13-4c. American River below Nimbus Dam, Alternative 3 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.1	-0.2	-0.1	-0.1	0.0	-0.1	0.0
20% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.2	0.1	0.3	0.1	0.1	-0.1	0.1
30% Exceedance	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
40% Exceedance	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.0	-0.2	0.0	0.2	0.0
50% Exceedance	0.0	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.2
60% Exceedance	-0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1
70% Exceedance	-0.8	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
80% Exceedance	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3
90% Exceedance	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.1	-0.1	0.0
Full Simulation Period Average^a	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (15%)	-0.1	0.3	0.2	0.0	0.0	0.0	0.0	0.0	-0.2	0.1	-0.2	-0.1
Below Normal Years (17%)	-0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0
Dry Years (22%)	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.1
Critical (15%)	-0.1	0.1	0.1	0.0	0.0	0.1	0.2	0.0	0.1	-0.1	0.0	-0.1

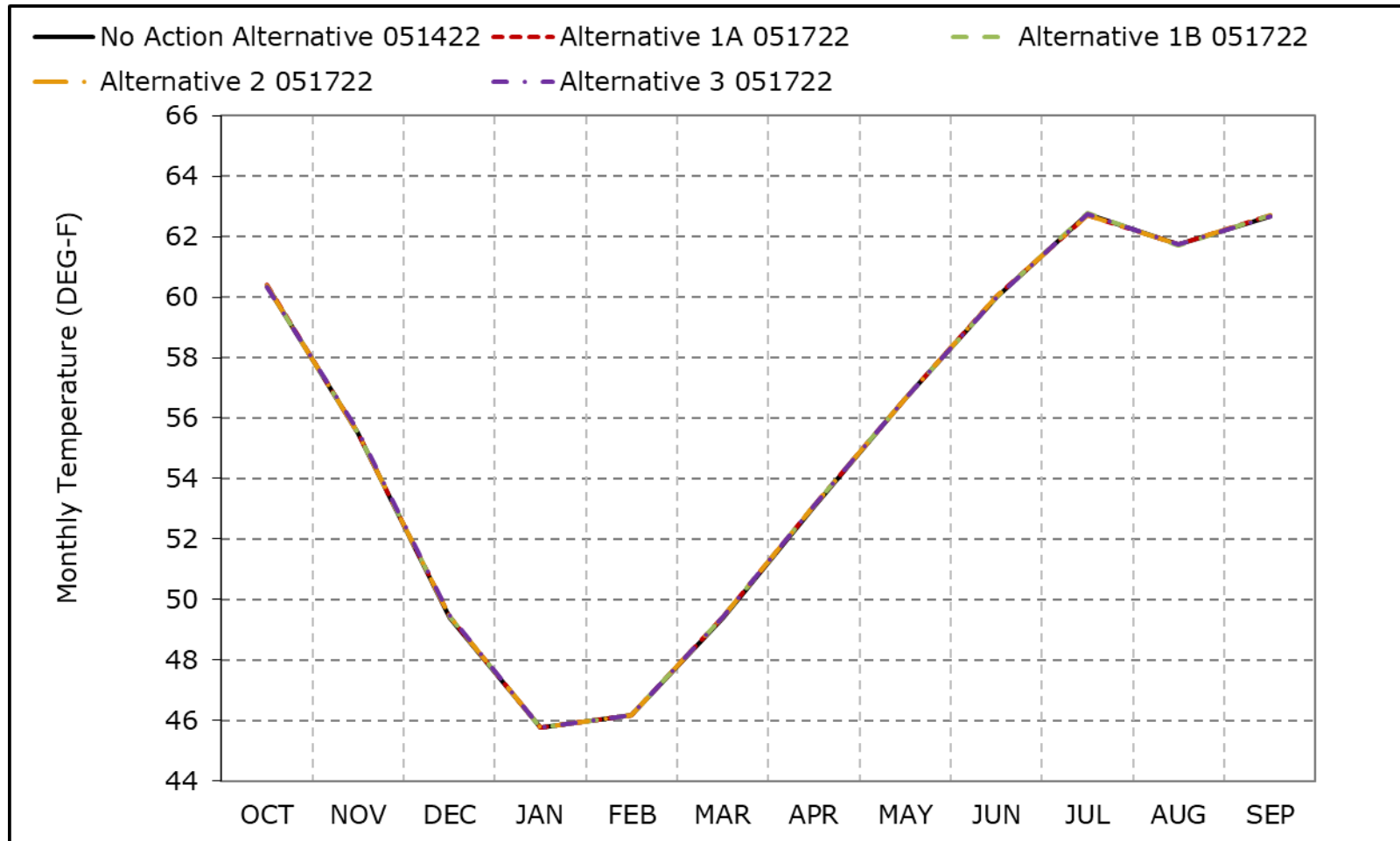
^a Based on the 82-year simulation period.

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

* 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.

Figure 6C-13-1. American River below Nimbus Dam, Long-Term Average Temperature

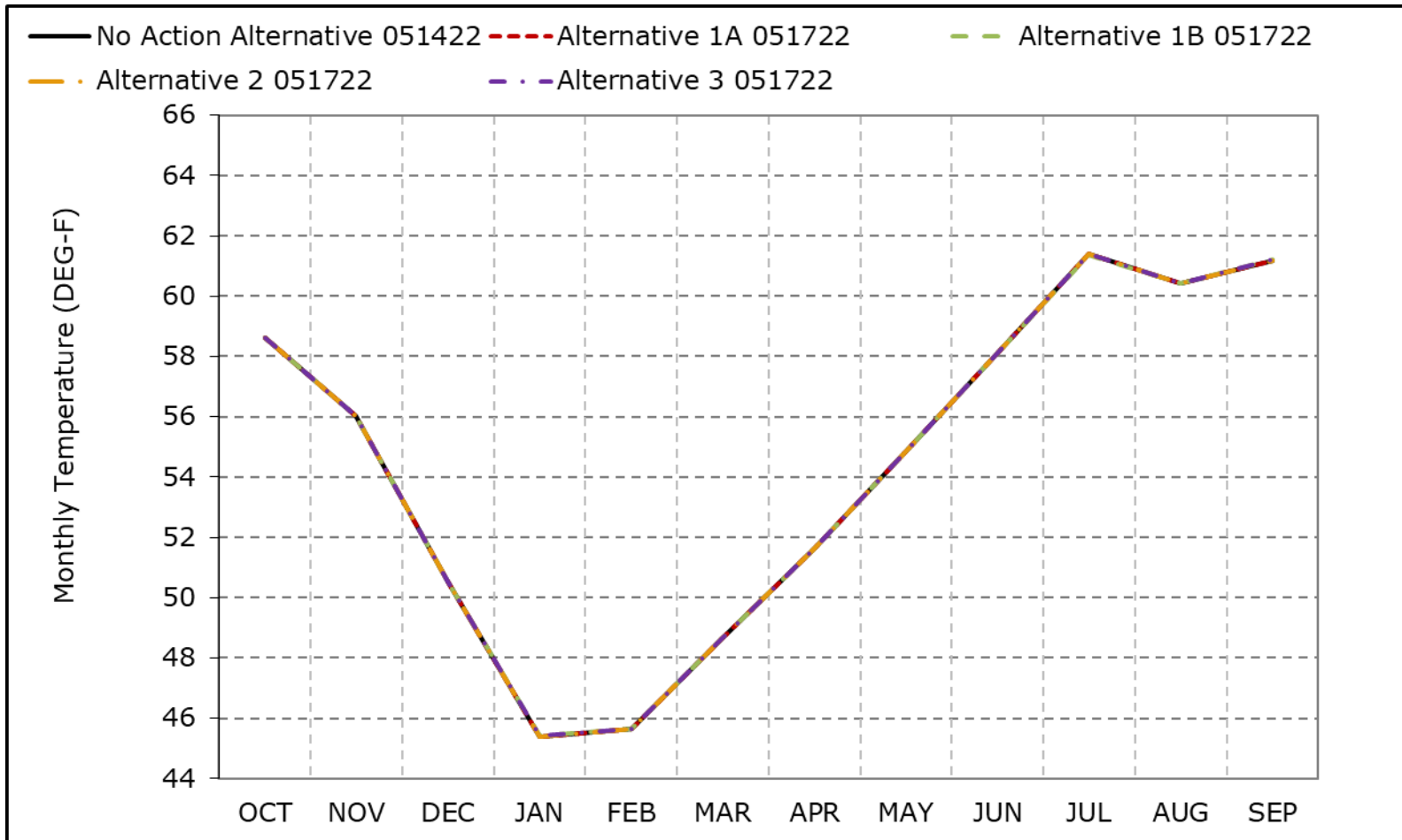


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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

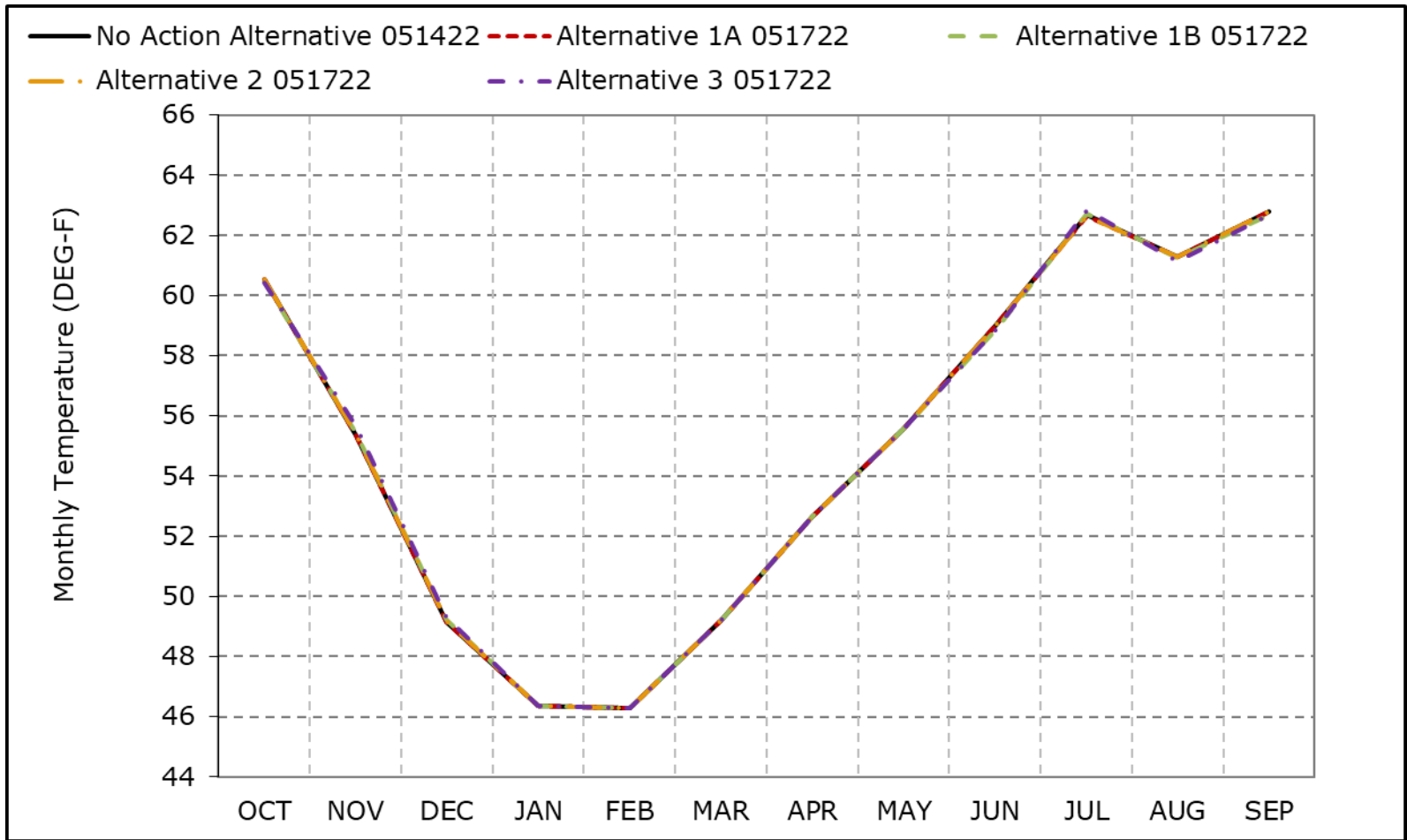


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

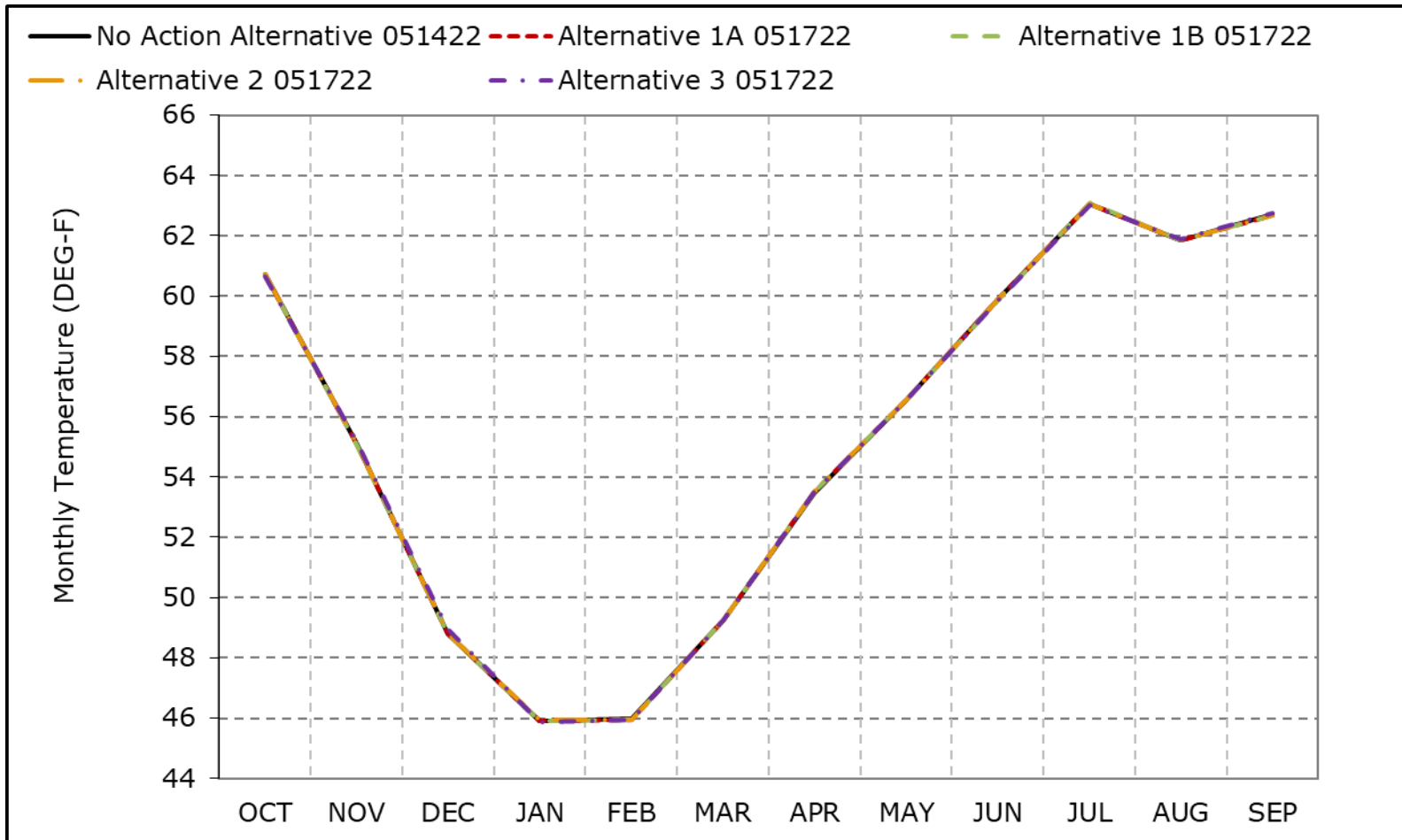
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-13-3. American River below Nimbus Dam, Above Normal Year Average 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-13-4. American River below Nimbus Dam, Below Normal Year Average Temperature

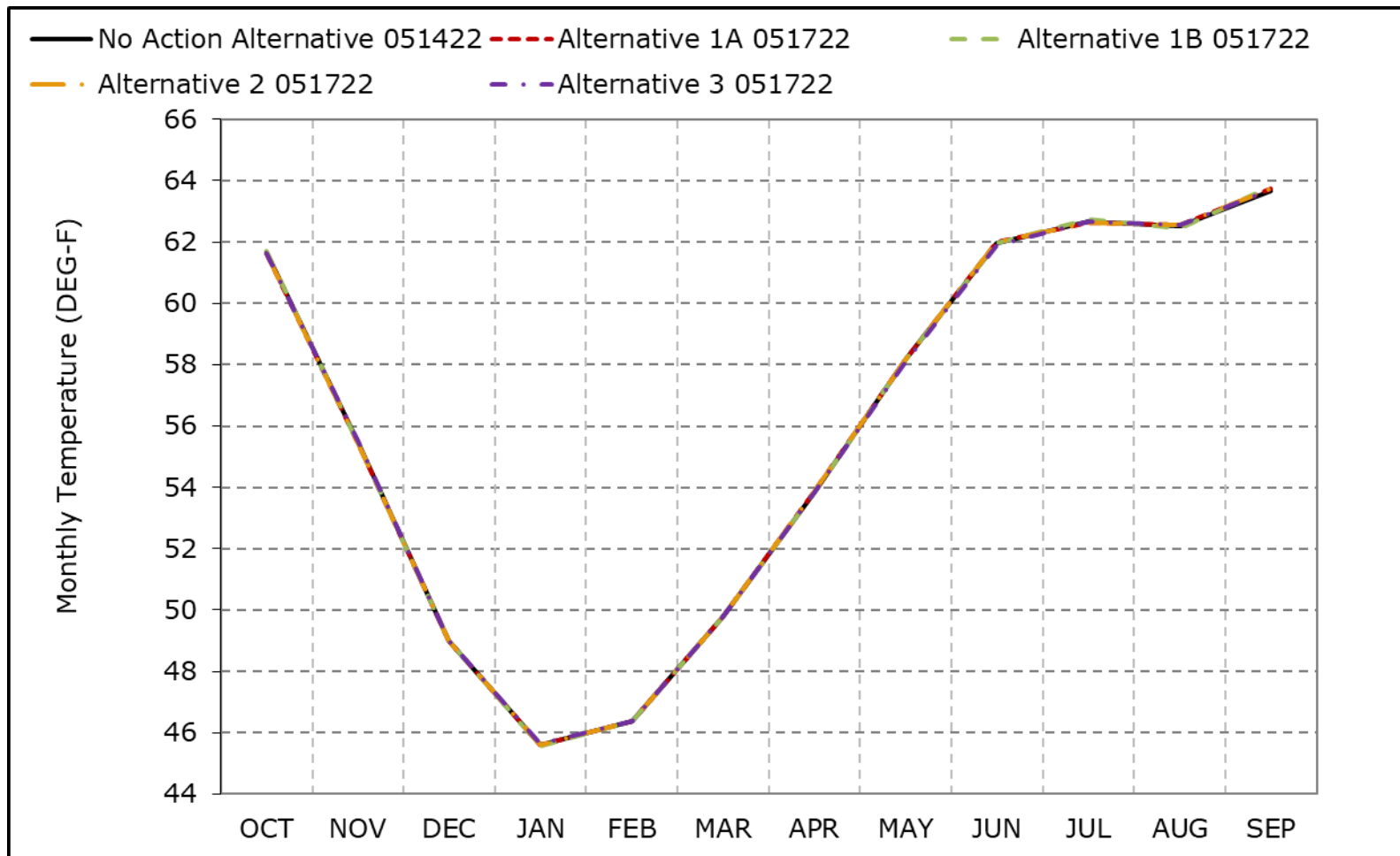


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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-13-5. American River below Nimbus Dam, Dry Year Average Temperature

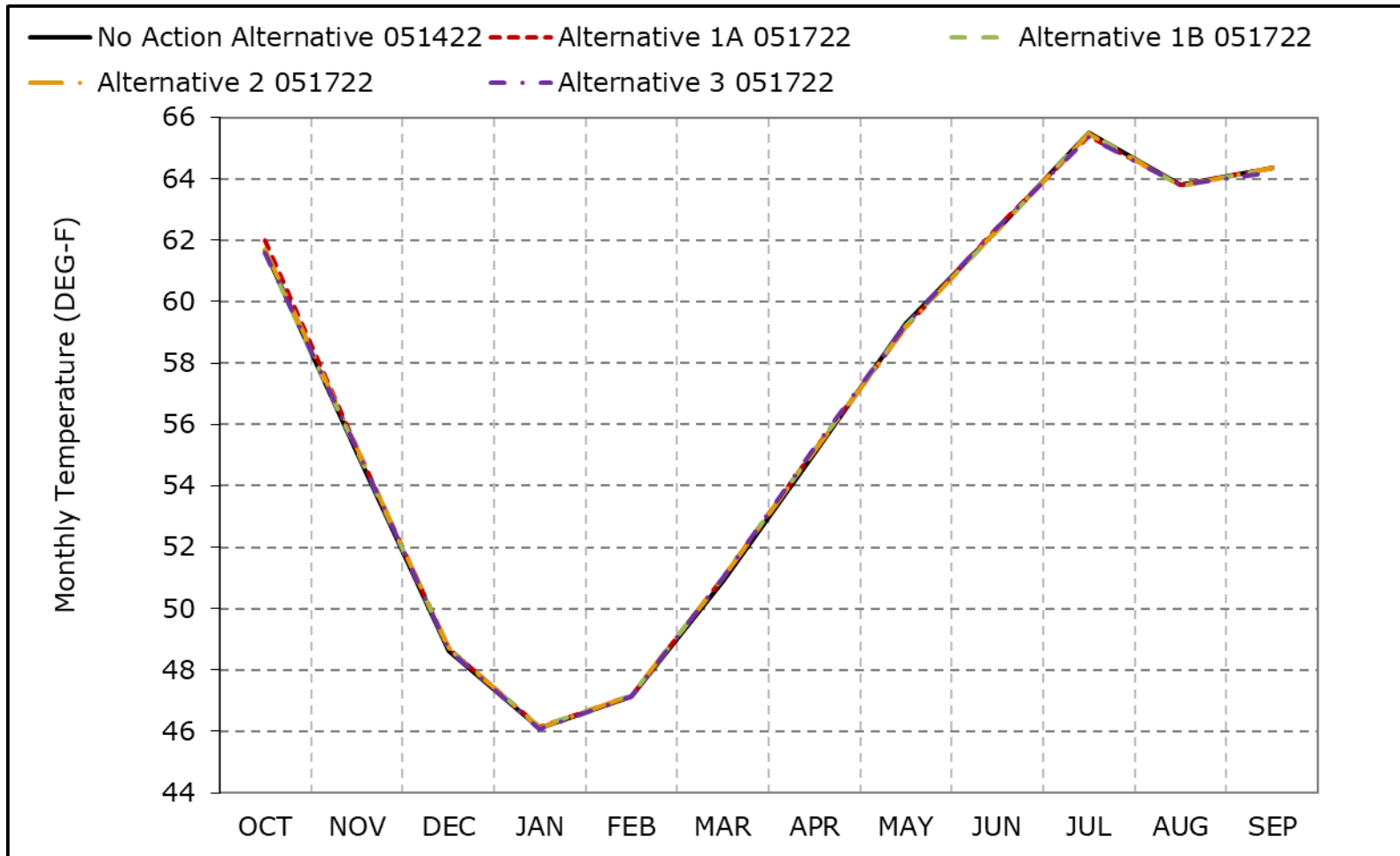


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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

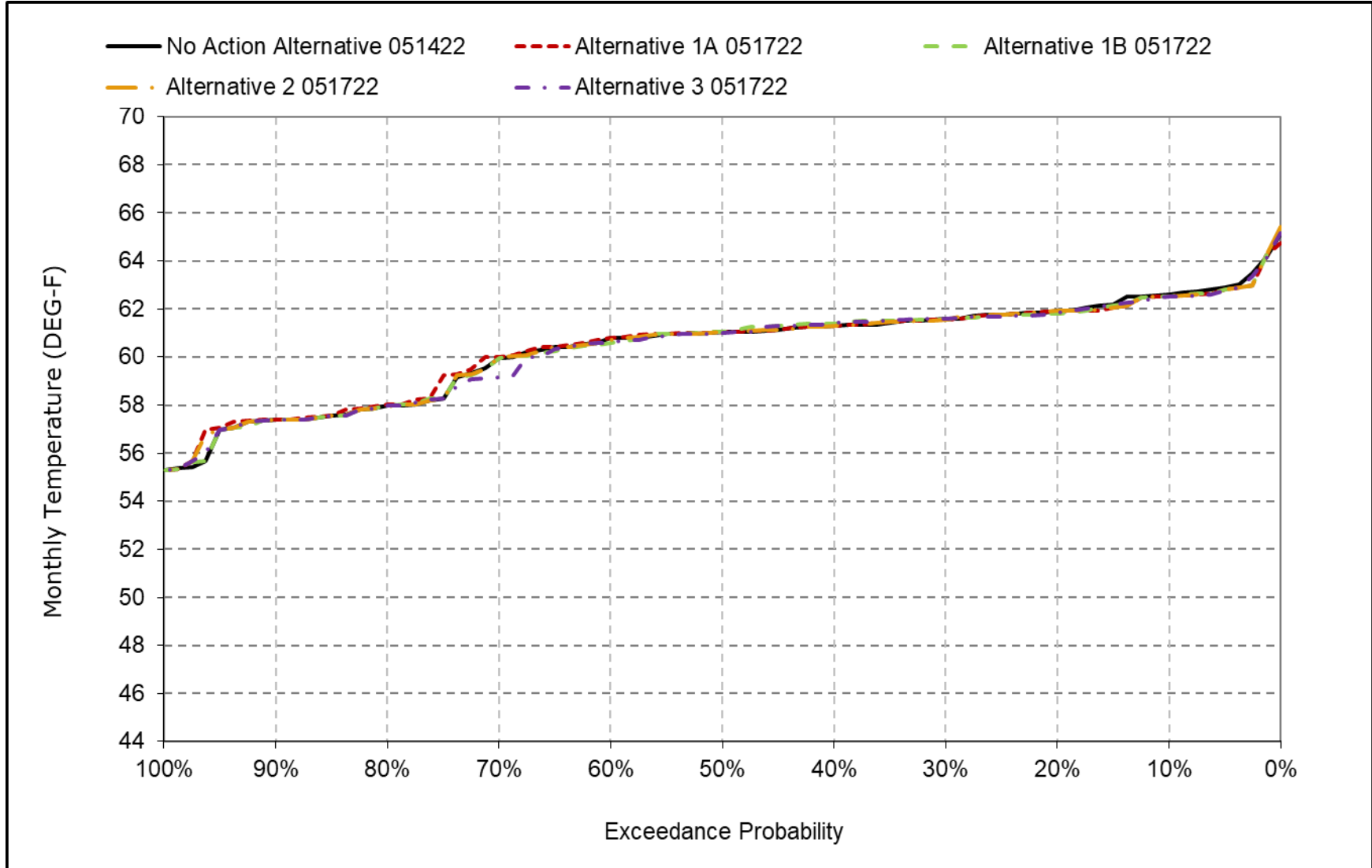


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

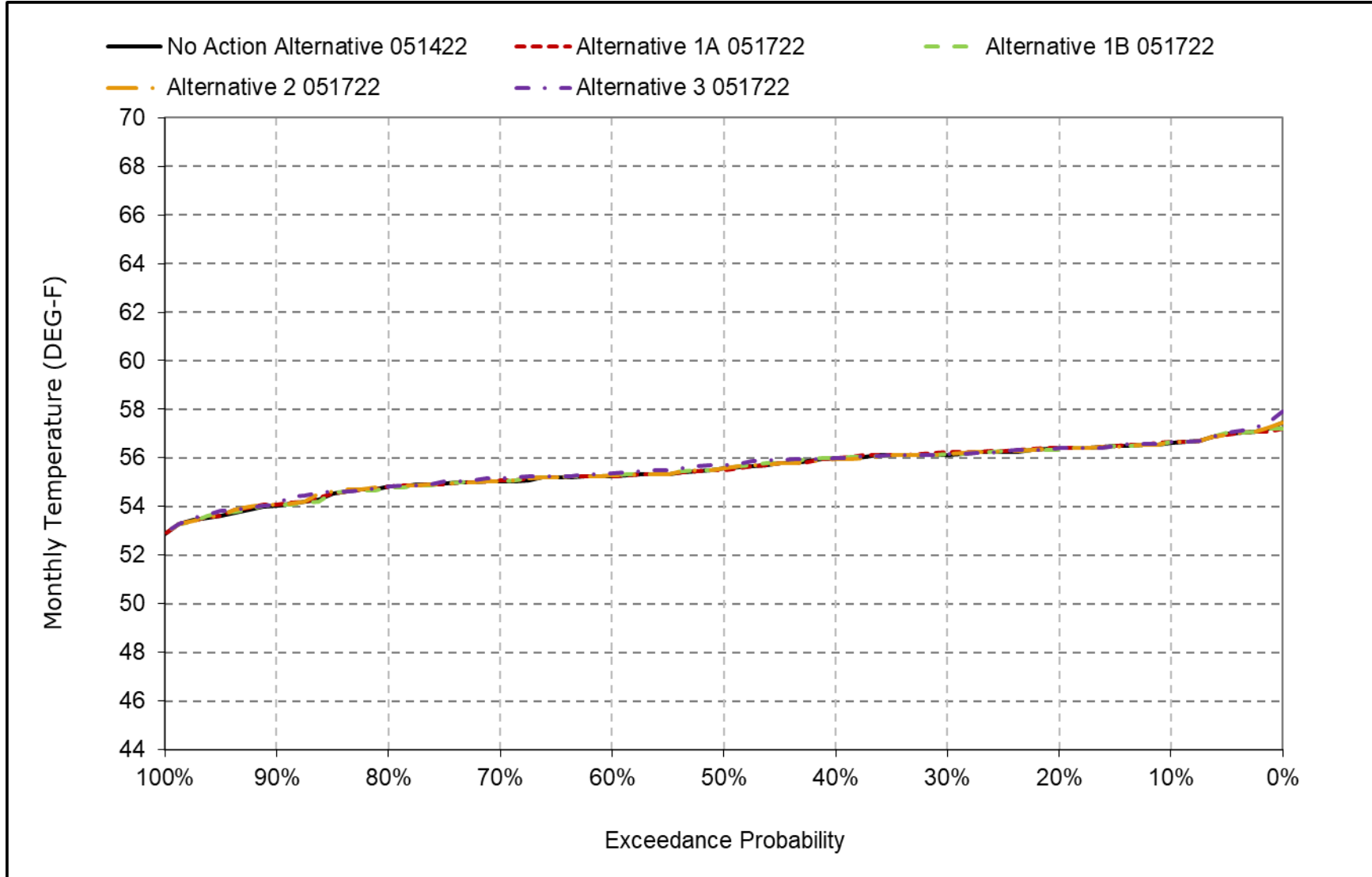
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-13-7. American River below Nimbus Dam, October



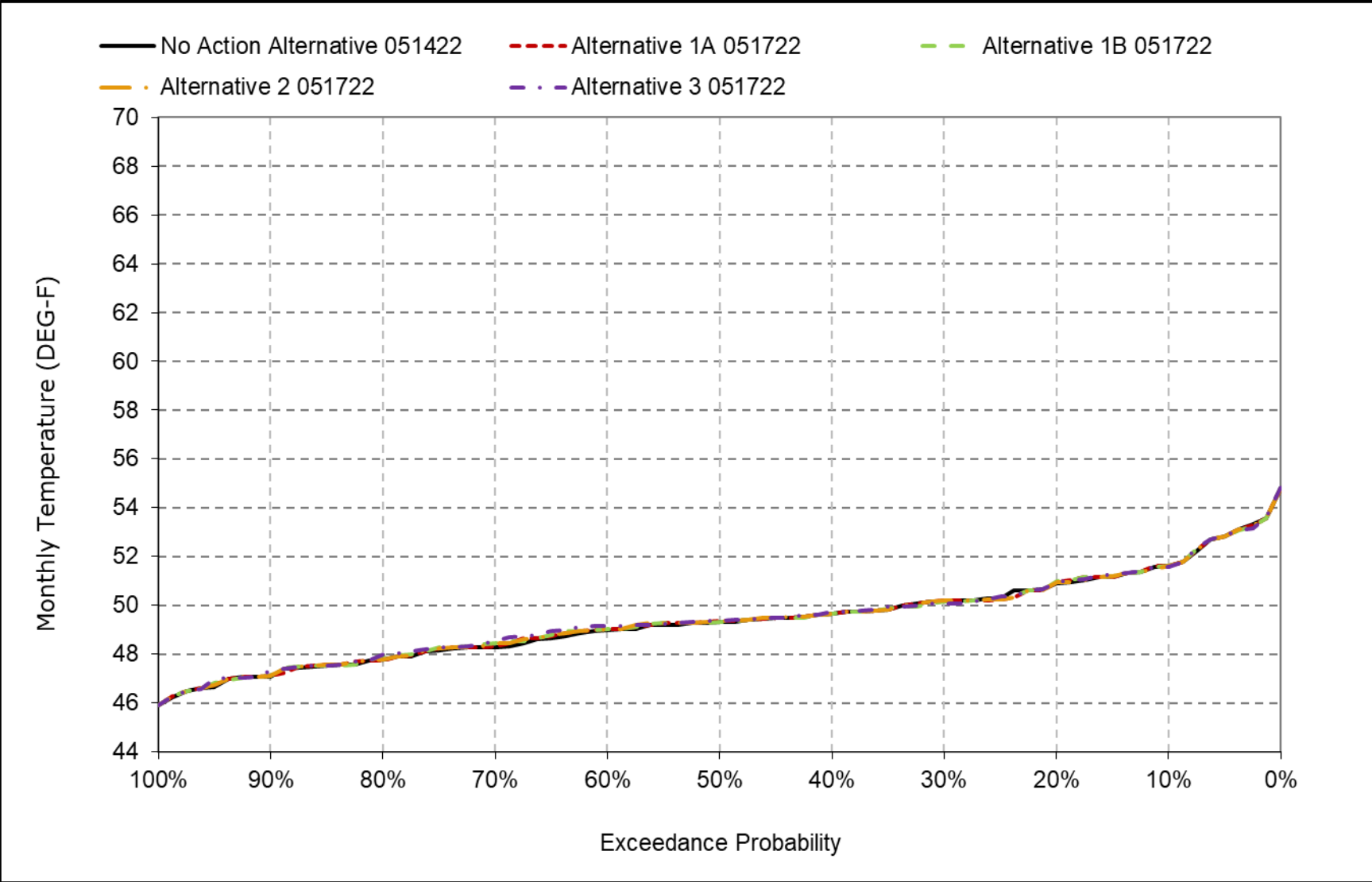
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-13-8. American River below Nimbus Dam, November



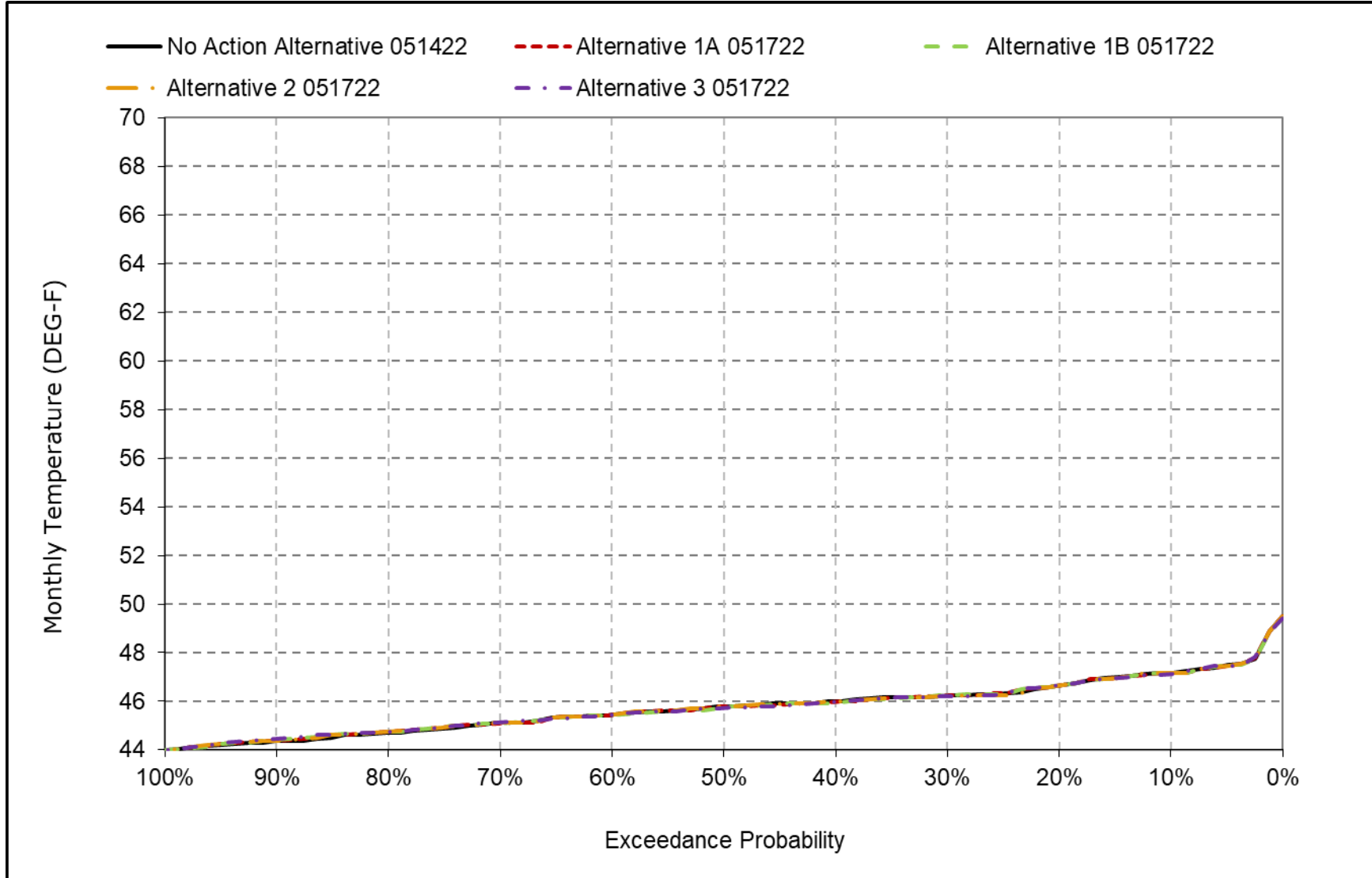
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-13-9. American River below Nimbus Dam, December



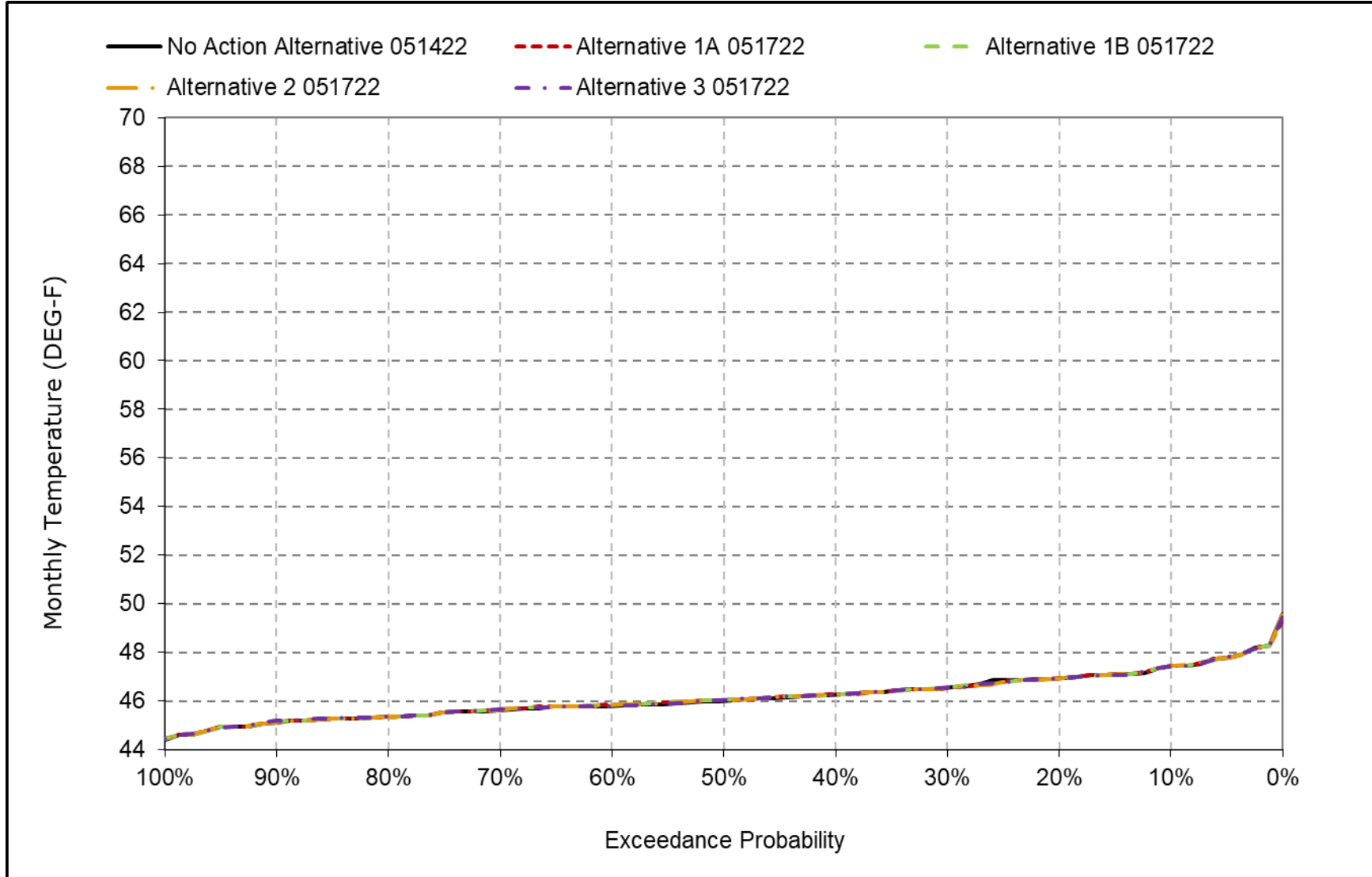
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-13-10. American River below Nimbus Dam, January



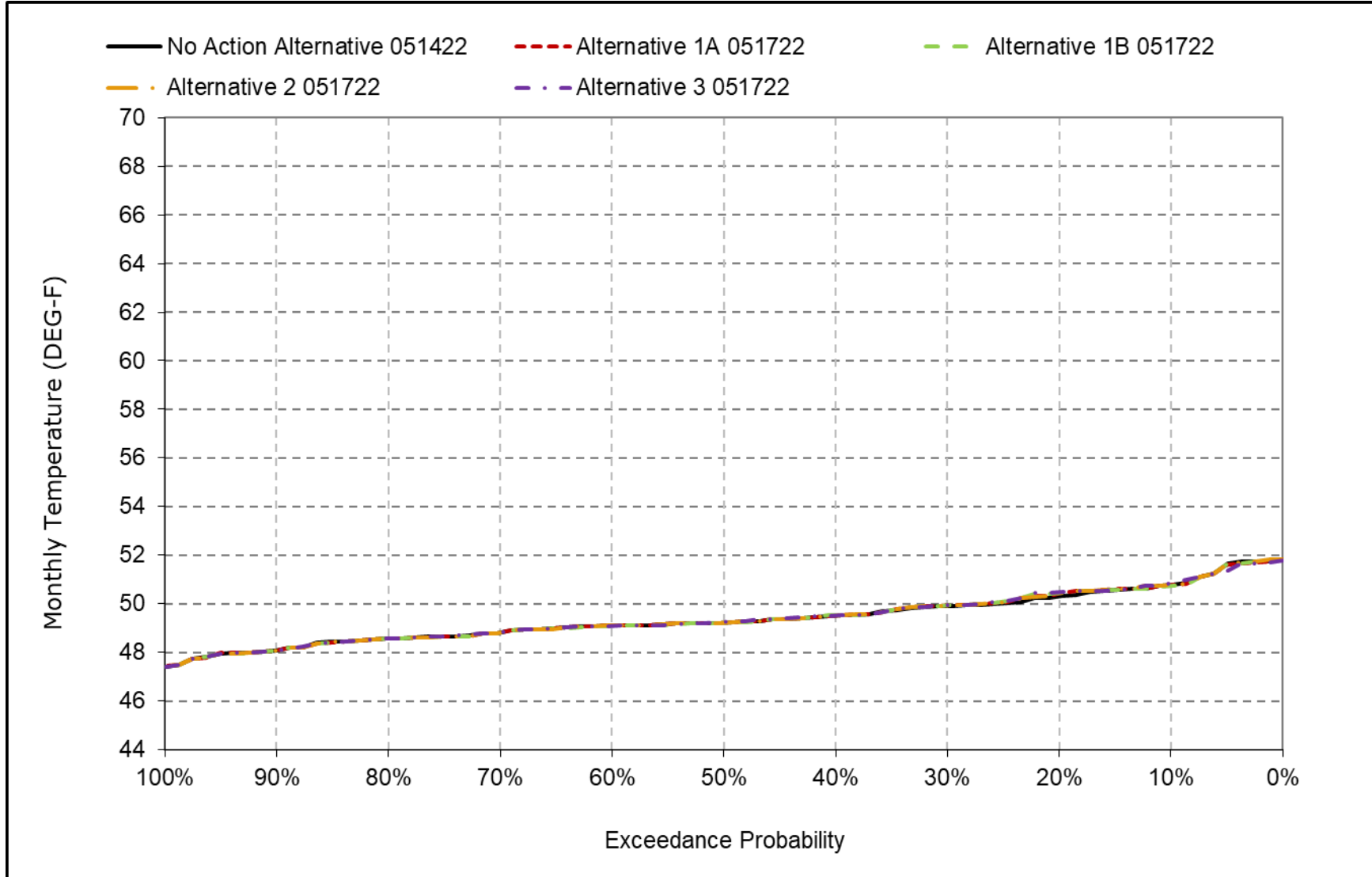
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-13-11. American River below Nimbus Dam, February



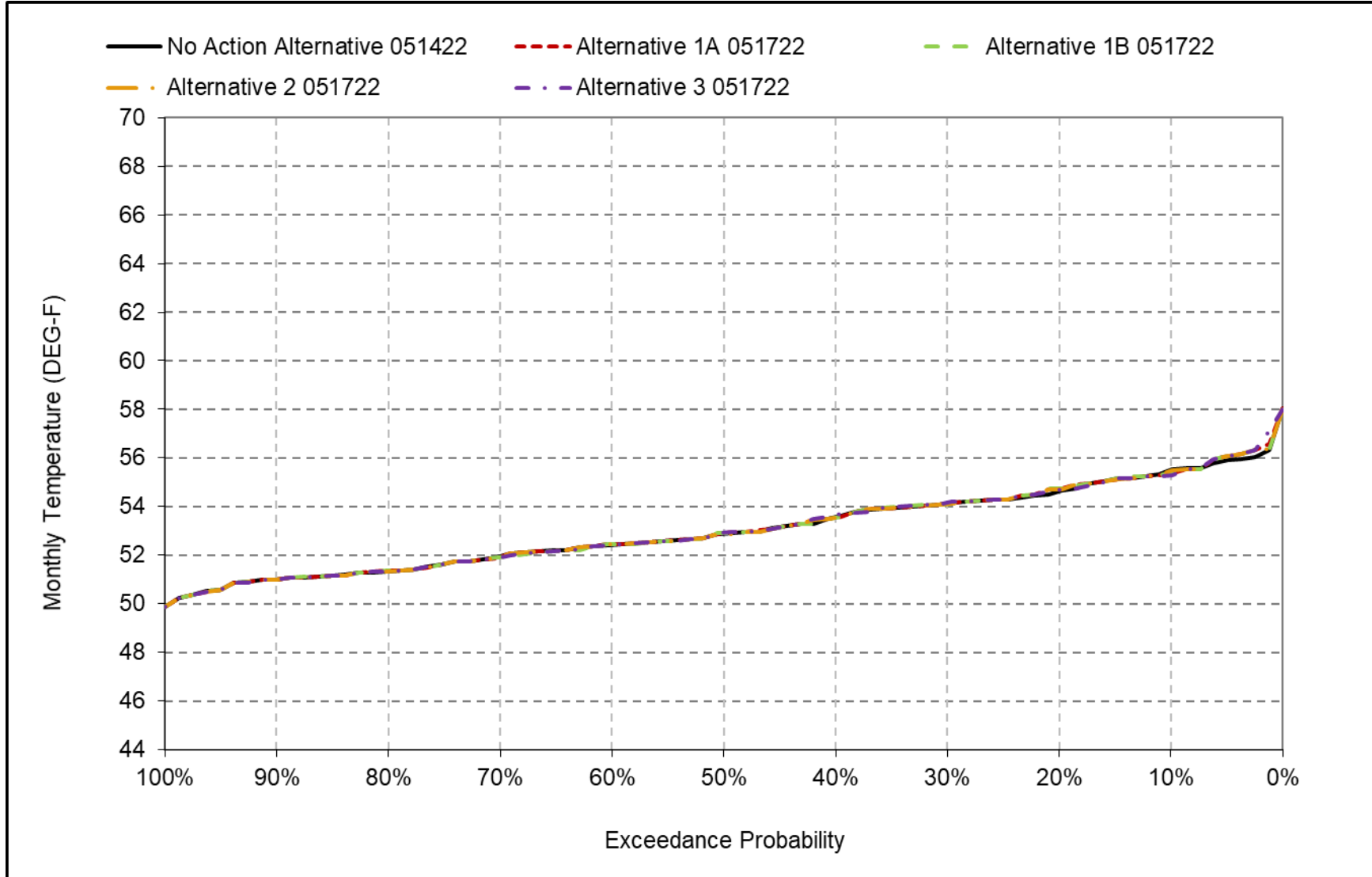
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-13-12. American River below Nimbus Dam, March



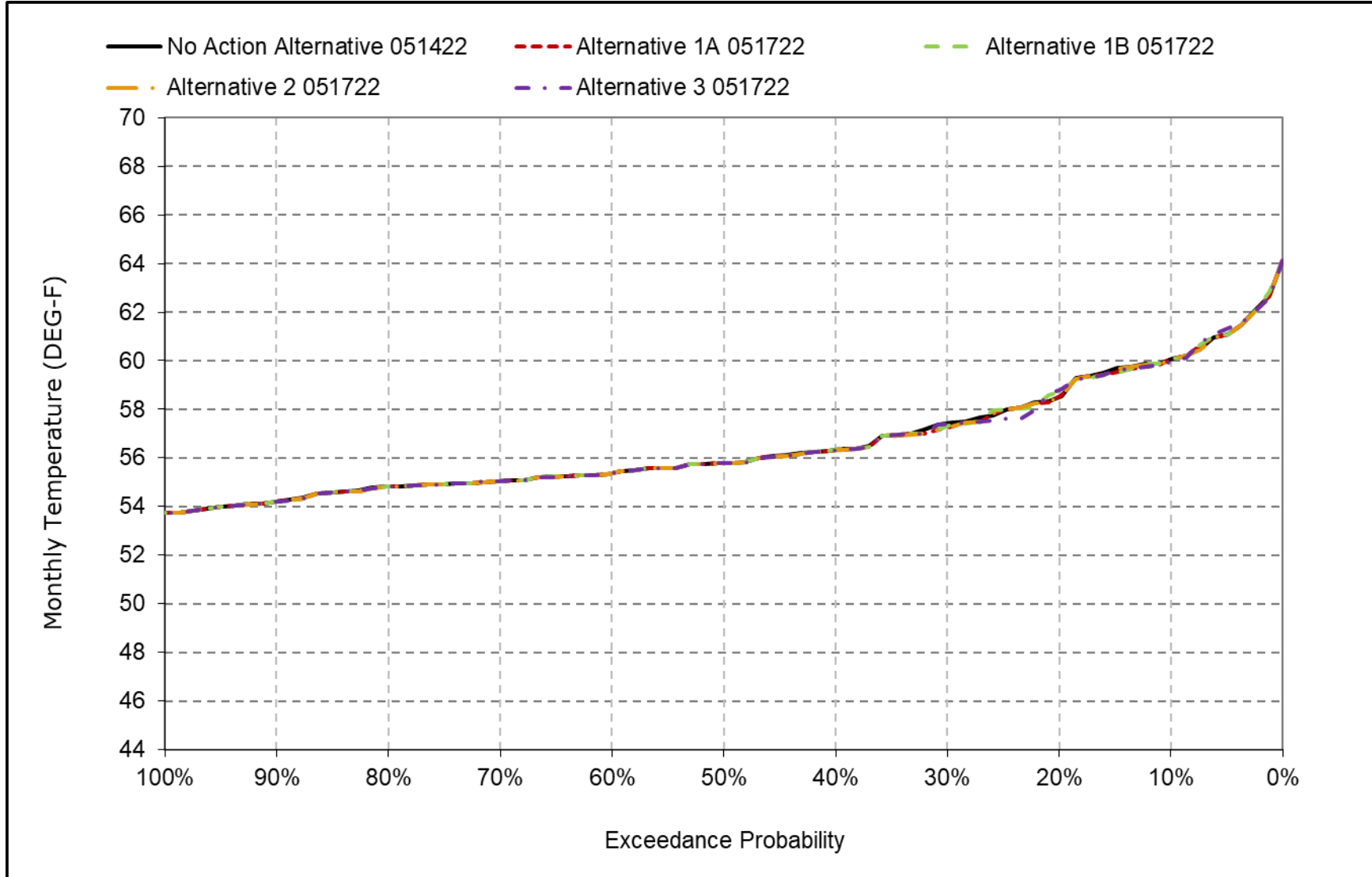
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-13-13. American River below Nimbus Dam, April



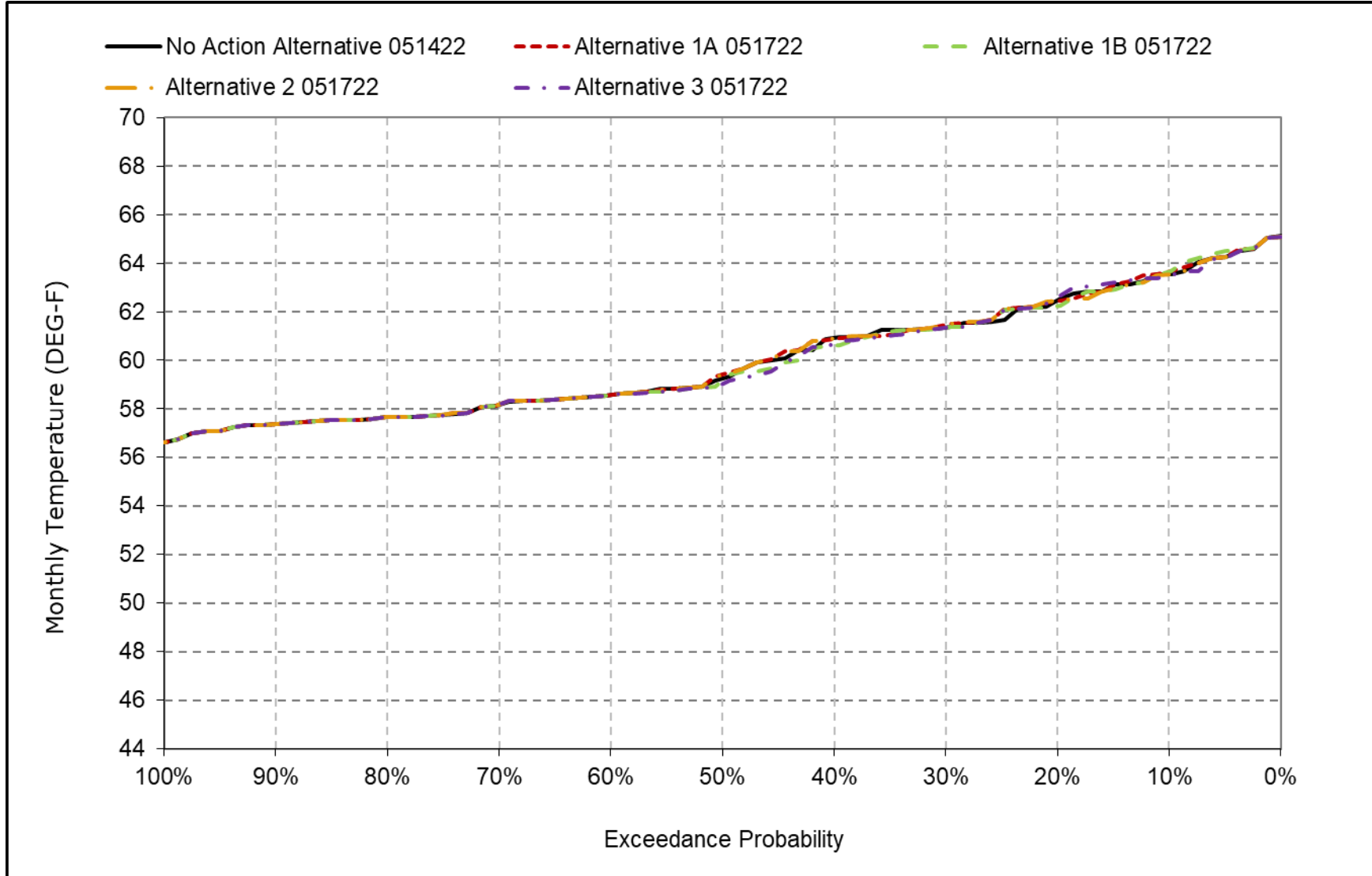
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-13-14. American River below Nimbus Dam, May



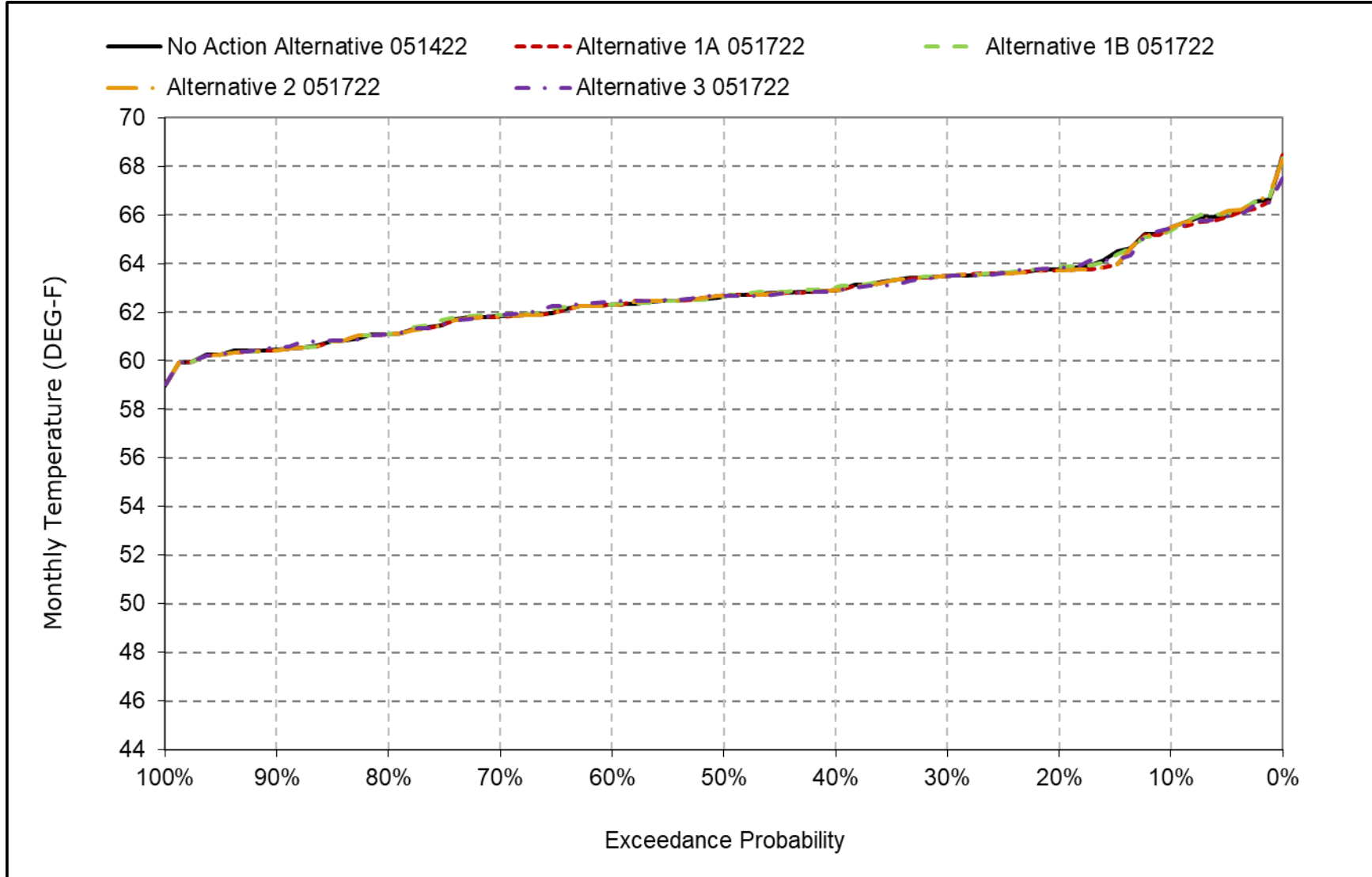
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-13-15. American River below Nimbus Dam, June



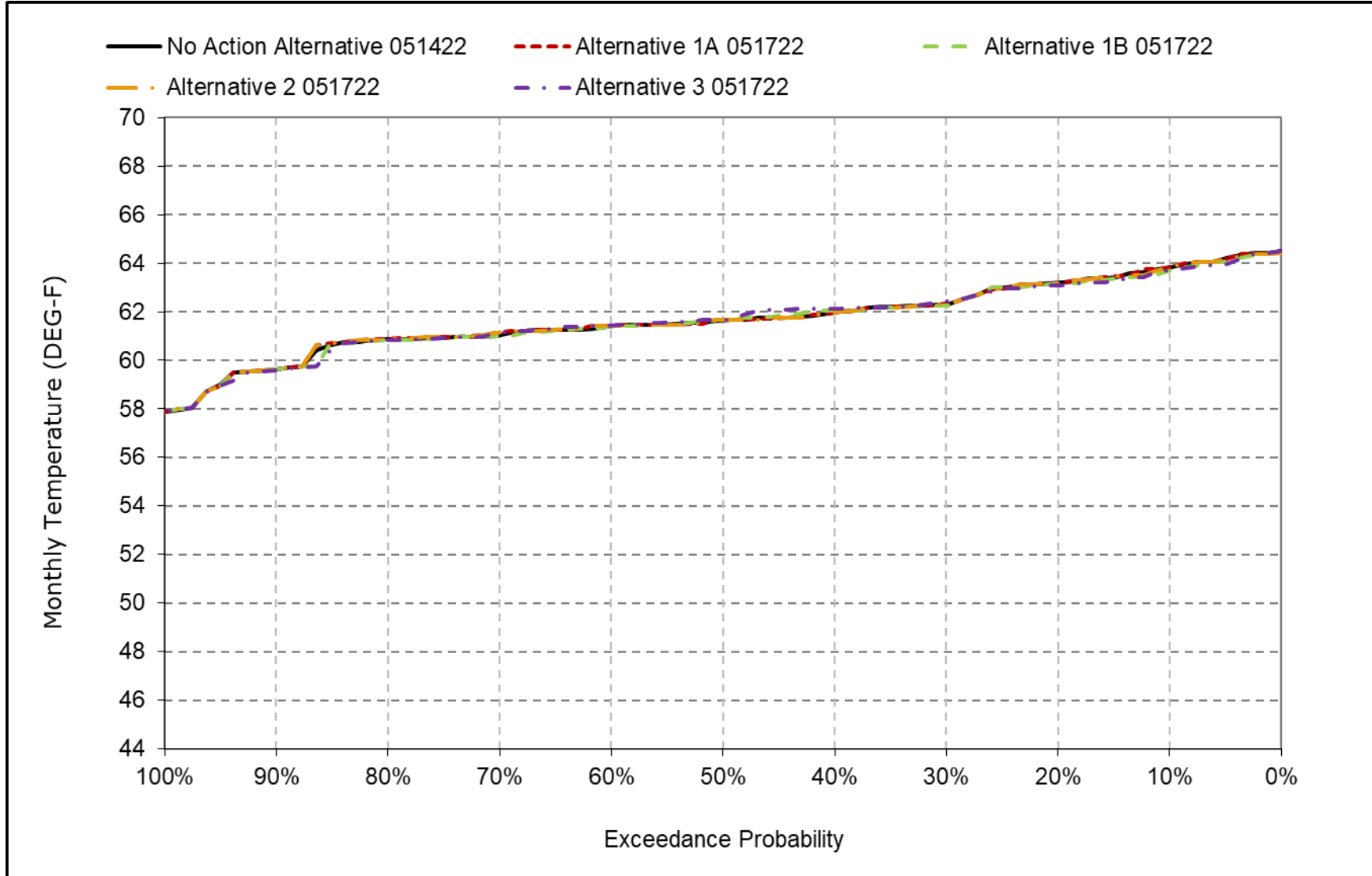
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-13-16. American River below Nimbus Dam, July



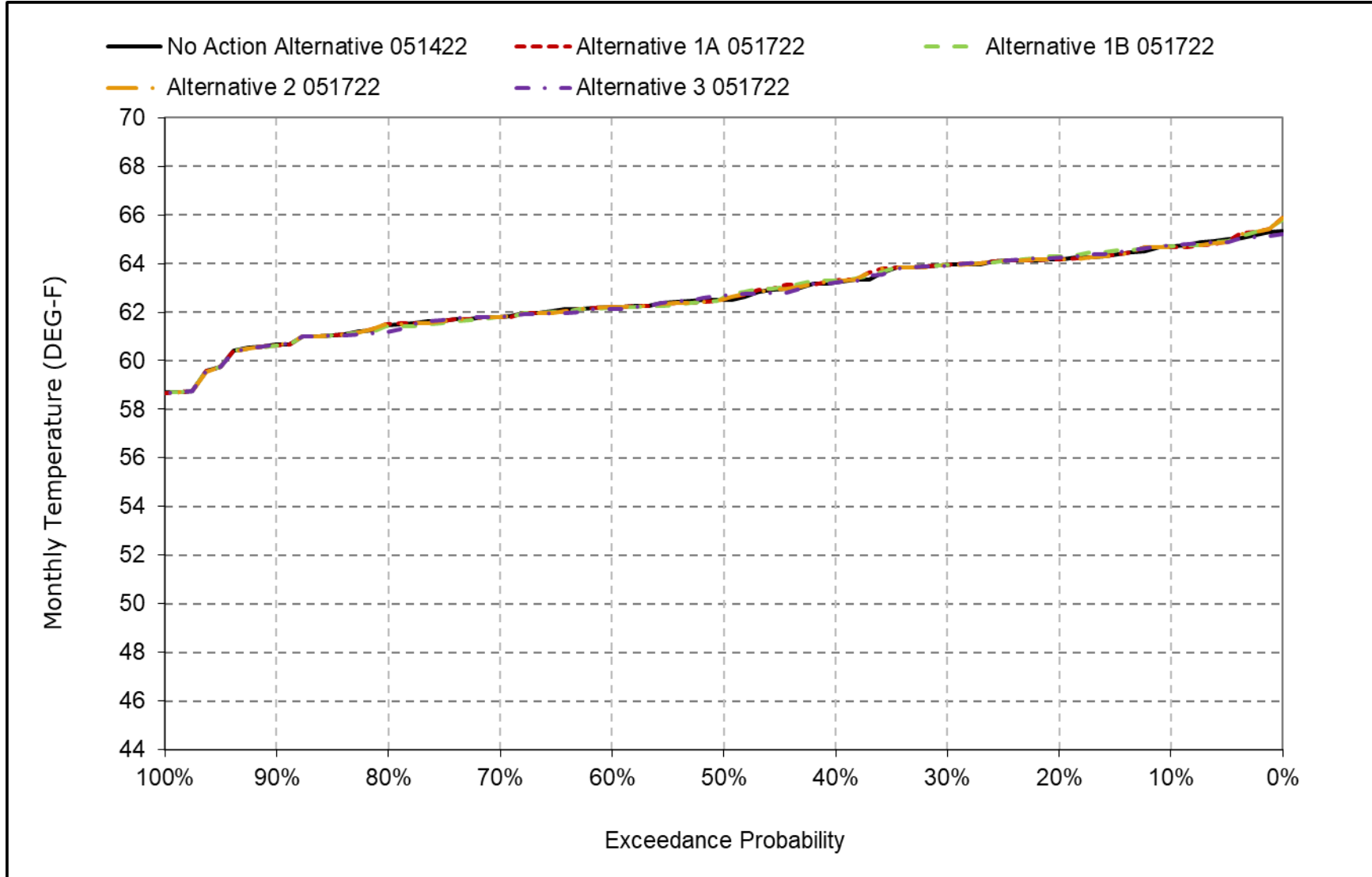
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	64.0	56.8	51.1	47.5	49.1	54.0	59.8	65.1	69.2	70.6	69.2	68.1
20% Exceedance	63.2	56.3	50.3	46.9	48.3	53.3	58.4	63.4	67.4	67.7	67.6	67.6
30% Exceedance	62.7	56.2	49.7	46.6	47.8	52.4	57.7	62.0	65.6	66.9	66.6	66.6
40% Exceedance	62.0	56.0	49.4	46.3	47.3	51.8	57.1	59.6	64.4	66.2	66.0	65.8
50% Exceedance	61.9	55.6	49.0	46.1	47.0	51.3	56.1	58.5	63.5	65.8	65.4	65.1
60% Exceedance	61.6	55.3	48.7	45.9	46.7	50.8	54.7	57.6	62.2	65.4	65.1	64.5
70% Exceedance	60.8	55.1	48.1	45.5	46.4	50.6	54.1	57.2	61.6	65.3	64.6	64.2
80% Exceedance	59.5	54.7	47.6	45.1	46.1	50.0	53.0	56.9	61.0	65.0	64.0	64.0
90% Exceedance	58.7	54.2	46.9	44.8	45.7	49.5	52.6	55.9	60.0	64.6	62.8	63.4
Full Simulation Period Average^a	61.6	55.6	49.2	46.1	47.2	51.5	56.0	59.8	64.1	66.7	65.8	65.4
Wet Water Years (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 Years (15%)	61.5	55.3	48.9	46.6	47.1	50.8	54.9	58.2	62.9	65.9	64.9	65.0
Below Normal Years (17%)	61.6	55.1	48.6	46.2	46.8	51.5	56.5	59.5	64.1	65.9	65.9	65.0
Dry Years (22%)	62.8	55.6	48.7	46.1	47.7	52.4	57.9	62.1	66.3	67.0	66.9	66.4
Critical (15%)	63.3	55.4	48.4	46.6	49.1	54.1	59.3	64.5	68.6	71.5	69.6	68.4

Table 6C-14-1b. American River at Watt Avenue, Alternative 1A 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	64.0	56.8	51.1	47.5	49.0	54.0	59.8	65.1	69.4	70.4	69.2	68.1
20% Exceedance	63.1	56.4	50.4	46.9	48.3	53.3	58.5	63.4	67.4	67.7	67.9	67.6
30% Exceedance	62.7	56.2	49.7	46.6	47.8	52.4	57.6	61.9	65.7	66.8	66.7	66.6
40% Exceedance	62.1	56.0	49.4	46.4	47.4	51.8	57.1	59.7	64.4	66.2	66.1	65.8
50% Exceedance	61.9	55.6	49.0	46.1	47.0	51.3	56.0	58.5	63.5	65.8	65.5	65.2
60% Exceedance	61.6	55.3	48.7	45.9	46.7	50.8	54.7	57.6	62.2	65.4	65.1	64.5
70% Exceedance	60.9	55.1	48.2	45.5	46.4	50.5	54.1	57.2	61.6	65.3	64.6	64.2
80% Exceedance	59.8	54.8	47.6	45.1	46.1	50.0	53.0	56.9	61.0	65.0	64.0	63.9
90% Exceedance	58.7	54.2	46.9	44.8	45.7	49.5	52.6	55.9	60.0	64.6	62.8	63.4
Full Simulation Period Average^a	61.6	55.6	49.2	46.1	47.2	51.6	56.0	59.8	64.1	66.6	65.9	65.5
Wet Water Years (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 Years (15%)	61.5	55.3	49.0	46.6	47.1	50.8	54.9	58.2	62.9	65.9	64.9	65.0
Below Normal Years (17%)	61.6	55.1	48.6	46.2	46.8	51.5	56.5	59.5	64.1	65.9	65.9	65.0
Dry Years (22%)	62.7	55.5	48.7	46.1	47.7	52.4	57.9	62.1	66.4	67.0	66.9	66.5
Critical (15%)	63.5	55.5	48.4	46.6	49.0	54.2	59.4	64.5	68.6	71.4	69.7	68.4

Table 6C-14-1c. American River at Watt Avenue, Alternative 1A 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2	-0.2	0.0	0.0
20% Exceedance	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.3	0.0
30% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	0.0	0.0
40% Exceedance	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.1	0.1	0.1
50% Exceedance	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% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
70% Exceedance	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80% Exceedance	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
90% Exceedance	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (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 Years (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 Years (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Critical (15%)	0.2	0.1	0.1	0.0	-0.1	0.1	0.0	0.0	0.0	-0.1	0.2	0.0

^a Based on the 82-year simulation period.

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

* 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.

Table 6C-14-2a. American River at Watt Avenue, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	64.0	56.8	51.1	47.5	49.1	54.0	59.8	65.1	69.2	70.6	69.2	68.1
20% Exceedance	63.2	56.3	50.3	46.9	48.3	53.3	58.4	63.4	67.4	67.7	67.6	67.6
30% Exceedance	62.7	56.2	49.7	46.6	47.8	52.4	57.7	62.0	65.6	66.9	66.6	66.6
40% Exceedance	62.0	56.0	49.4	46.3	47.3	51.8	57.1	59.6	64.4	66.2	66.0	65.8
50% Exceedance	61.9	55.6	49.0	46.1	47.0	51.3	56.1	58.5	63.5	65.8	65.4	65.1
60% Exceedance	61.6	55.3	48.7	45.9	46.7	50.8	54.7	57.6	62.2	65.4	65.1	64.5
70% Exceedance	60.8	55.1	48.1	45.5	46.4	50.6	54.1	57.2	61.6	65.3	64.6	64.2
80% Exceedance	59.5	54.7	47.6	45.1	46.1	50.0	53.0	56.9	61.0	65.0	64.0	64.0
90% Exceedance	58.7	54.2	46.9	44.8	45.7	49.5	52.6	55.9	60.0	64.6	62.8	63.4
Full Simulation Period Average^a	61.6	55.6	49.2	46.1	47.2	51.5	56.0	59.8	64.1	66.7	65.8	65.4
Wet Water Years (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 Years (15%)	61.5	55.3	48.9	46.6	47.1	50.8	54.9	58.2	62.9	65.9	64.9	65.0
Below Normal Years (17%)	61.6	55.1	48.6	46.2	46.8	51.5	56.5	59.5	64.1	65.9	65.9	65.0
Dry Years (22%)	62.8	55.6	48.7	46.1	47.7	52.4	57.9	62.1	66.3	67.0	66.9	66.4
Critical (15%)	63.3	55.4	48.4	46.6	49.1	54.1	59.3	64.5	68.6	71.5	69.6	68.4

Table 6C-14-2b. American River at Watt Avenue, Alternative 1B 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	63.9	56.8	51.1	47.5	49.0	54.0	59.9	65.1	69.3	70.6	69.2	68.1
20% Exceedance	63.2	56.3	50.4	46.9	48.3	53.4	58.5	63.6	67.4	67.7	67.9	67.5
30% Exceedance	62.6	56.2	49.7	46.5	47.8	52.4	57.6	62.0	65.5	67.0	66.5	66.6
40% Exceedance	62.1	55.9	49.4	46.3	47.3	51.8	57.1	59.7	64.4	66.4	66.0	65.8
50% Exceedance	62.0	55.6	49.1	46.1	47.0	51.3	56.1	58.5	63.5	65.8	65.5	65.2
60% Exceedance	61.6	55.3	48.7	45.9	46.7	50.8	54.8	57.6	62.2	65.5	65.1	64.5
70% Exceedance	60.6	55.1	48.3	45.6	46.4	50.6	54.1	57.2	61.6	65.3	64.6	64.1
80% Exceedance	59.5	54.8	47.6	45.1	46.1	50.0	53.0	56.9	61.0	65.0	64.0	63.9
90% Exceedance	58.7	54.2	46.9	44.8	45.7	49.5	52.6	55.9	60.0	64.6	62.8	63.4
Full Simulation Period Average^a	61.6	55.6	49.2	46.1	47.2	51.6	56.0	59.9	64.1	66.7	65.8	65.4
Wet Water Years (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 Years (15%)	61.4	55.3	49.0	46.6	47.1	50.8	54.9	58.2	62.8	66.0	64.9	64.9
Below Normal Years (17%)	61.6	55.1	48.6	46.2	46.8	51.5	56.5	59.5	64.1	65.9	65.9	65.0
Dry Years (22%)	62.8	55.5	48.7	46.1	47.7	52.4	57.9	62.2	66.4	67.1	66.7	66.5
Critical (15%)	63.3	55.4	48.4	46.6	49.1	54.2	59.3	64.6	68.6	71.5	69.7	68.4

Table 6C-14-2c. American River at Watt Avenue, Alternative 1B 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-0.1	0.0	0.0	0.0	-0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0
20% Exceedance	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.2	0.0	0.0	0.3	-0.1
30% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	-0.1	0.0
40% Exceedance	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.0	0.0
50% Exceedance	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
60% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
70% Exceedance	-0.1	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
80% Exceedance	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
90% Exceedance	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (15%)	-0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	-0.1
Below Normal Years (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 Years (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	-0.2	0.1
Critical (15%)	0.0	0.0	0.1	0.0	-0.1	0.1	0.0	0.1	0.0	0.0	0.1	0.0

^a Based on the 82-year simulation period.

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

* 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.

Table 6C-14-3a. American River at Watt Avenue, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	64.0	56.8	51.1	47.5	49.1	54.0	59.8	65.1	69.2	70.6	69.2	68.1
20% Exceedance	63.2	56.3	50.3	46.9	48.3	53.3	58.4	63.4	67.4	67.7	67.6	67.6
30% Exceedance	62.7	56.2	49.7	46.6	47.8	52.4	57.7	62.0	65.6	66.9	66.6	66.6
40% Exceedance	62.0	56.0	49.4	46.3	47.3	51.8	57.1	59.6	64.4	66.2	66.0	65.8
50% Exceedance	61.9	55.6	49.0	46.1	47.0	51.3	56.1	58.5	63.5	65.8	65.4	65.1
60% Exceedance	61.6	55.3	48.7	45.9	46.7	50.8	54.7	57.6	62.2	65.4	65.1	64.5
70% Exceedance	60.8	55.1	48.1	45.5	46.4	50.6	54.1	57.2	61.6	65.3	64.6	64.2
80% Exceedance	59.5	54.7	47.6	45.1	46.1	50.0	53.0	56.9	61.0	65.0	64.0	64.0
90% Exceedance	58.7	54.2	46.9	44.8	45.7	49.5	52.6	55.9	60.0	64.6	62.8	63.4
Full Simulation Period Average^a	61.6	55.6	49.2	46.1	47.2	51.5	56.0	59.8	64.1	66.7	65.8	65.4
Wet Water Years (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 Years (15%)	61.5	55.3	48.9	46.6	47.1	50.8	54.9	58.2	62.9	65.9	64.9	65.0
Below Normal Years (17%)	61.6	55.1	48.6	46.2	46.8	51.5	56.5	59.5	64.1	65.9	65.9	65.0
Dry Years (22%)	62.8	55.6	48.7	46.1	47.7	52.4	57.9	62.1	66.3	67.0	66.9	66.4
Critical (15%)	63.3	55.4	48.4	46.6	49.1	54.1	59.3	64.5	68.6	71.5	69.6	68.4

Table 6C-14-3b. American River at Watt Avenue, Alternative 2 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	64.0	56.8	51.1	47.5	49.0	54.0	59.8	65.1	69.1	70.6	69.2	68.1
20% Exceedance	63.1	56.3	50.3	46.9	48.3	53.3	58.6	63.4	67.3	67.7	67.9	67.6
30% Exceedance	62.6	56.2	49.7	46.6	47.8	52.4	57.7	61.9	65.7	66.8	66.7	66.6
40% Exceedance	62.0	56.0	49.3	46.3	47.3	51.8	57.1	59.5	64.4	66.2	66.0	65.8
50% Exceedance	61.9	55.6	49.0	46.1	47.0	51.3	56.0	58.5	63.5	65.8	65.4	65.2
60% Exceedance	61.6	55.4	48.7	45.9	46.7	50.8	54.7	57.6	62.2	65.4	65.1	64.5
70% Exceedance	60.7	55.1	48.2	45.5	46.4	50.6	54.1	57.2	61.6	65.3	64.6	64.2
80% Exceedance	59.8	54.8	47.6	45.1	46.1	50.0	53.0	56.9	61.0	65.0	64.0	63.9
90% Exceedance	58.7	54.2	46.9	44.8	45.7	49.5	52.6	55.9	60.0	64.5	62.8	63.4
Full Simulation Period Average^a	61.6	55.6	49.2	46.1	47.2	51.6	56.1	59.8	64.1	66.6	65.9	65.5
Wet Water Years (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 Years (15%)	61.5	55.3	49.0	46.6	47.1	50.8	54.9	58.2	62.9	65.8	64.9	65.0
Below Normal Years (17%)	61.6	55.1	48.6	46.2	46.8	51.5	56.5	59.5	64.1	65.8	65.9	65.0
Dry Years (22%)	62.7	55.5	48.7	46.1	47.7	52.4	57.9	62.1	66.4	67.0	66.9	66.5
Critical (15%)	63.3	55.5	48.4	46.6	49.0	54.3	59.5	64.4	68.6	71.5	69.7	68.4

Table 6C-14-3c. American River at Watt Avenue, Alternative 2 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
20% Exceedance	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.0
30% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	0.0	0.0
40% Exceedance	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% Exceedance	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% Exceedance	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
70% Exceedance	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80% Exceedance	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
90% Exceedance	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (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 Years (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 Years (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Critical (15%)	0.0	0.1	0.1	0.0	-0.1	0.1	0.2	-0.1	0.0	0.0	0.1	0.0

^a Based on the 82-year simulation period.

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

* 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.

Table 6C-14-4a. American River at Watt Avenue, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	64.0	56.8	51.1	47.5	49.1	54.0	59.8	65.1	69.2	70.6	69.2	68.1
20% Exceedance	63.2	56.3	50.3	46.9	48.3	53.3	58.4	63.4	67.4	67.7	67.6	67.6
30% Exceedance	62.7	56.2	49.7	46.6	47.8	52.4	57.7	62.0	65.6	66.9	66.6	66.6
40% Exceedance	62.0	56.0	49.4	46.3	47.3	51.8	57.1	59.6	64.4	66.2	66.0	65.8
50% Exceedance	61.9	55.6	49.0	46.1	47.0	51.3	56.1	58.5	63.5	65.8	65.4	65.1
60% Exceedance	61.6	55.3	48.7	45.9	46.7	50.8	54.7	57.6	62.2	65.4	65.1	64.5
70% Exceedance	60.8	55.1	48.1	45.5	46.4	50.6	54.1	57.2	61.6	65.3	64.6	64.2
80% Exceedance	59.5	54.7	47.6	45.1	46.1	50.0	53.0	56.9	61.0	65.0	64.0	64.0
90% Exceedance	58.7	54.2	46.9	44.8	45.7	49.5	52.6	55.9	60.0	64.6	62.8	63.4
Full Simulation Period Average^a	61.6	55.6	49.2	46.1	47.2	51.5	56.0	59.8	64.1	66.7	65.8	65.4
Wet Water Years (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 Years (15%)	61.5	55.3	48.9	46.6	47.1	50.8	54.9	58.2	62.9	65.9	64.9	65.0
Below Normal Years (17%)	61.6	55.1	48.6	46.2	46.8	51.5	56.5	59.5	64.1	65.9	65.9	65.0
Dry Years (22%)	62.8	55.6	48.7	46.1	47.7	52.4	57.9	62.1	66.3	67.0	66.9	66.4
Critical (15%)	63.3	55.4	48.4	46.6	49.1	54.1	59.3	64.5	68.6	71.5	69.6	68.4

Table 6C-14-4b. American River at Watt Avenue, Alternative 3 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	64.0	56.8	51.1	47.5	49.0	54.0	60.0	65.2	69.2	70.4	69.6	68.0
20% Exceedance	63.1	56.3	50.3	46.9	48.2	53.3	58.9	63.7	67.5	67.6	67.8	67.5
30% Exceedance	62.5	56.2	49.7	46.5	47.7	52.4	57.6	62.0	65.6	67.0	66.6	66.6
40% Exceedance	62.2	55.9	49.4	46.3	47.4	51.8	57.1	59.6	64.4	66.4	66.1	65.8
50% Exceedance	61.9	55.6	49.2	46.1	47.0	51.3	56.1	58.5	63.4	66.1	65.5	65.0
60% Exceedance	61.5	55.4	48.7	45.9	46.7	50.8	54.7	57.6	62.2	65.5	65.2	64.6
70% Exceedance	60.4	55.2	48.4	45.6	46.5	50.6	54.1	57.3	61.6	65.3	64.6	64.2
80% Exceedance	59.5	54.9	47.7	45.2	46.1	50.0	53.0	56.9	61.0	65.0	63.8	64.0
90% Exceedance	58.7	54.3	47.0	44.8	45.8	49.5	52.6	55.9	60.0	64.6	62.8	63.4
Full Simulation Period Average^a	61.5	55.6	49.2	46.1	47.2	51.6	56.1	59.8	64.1	66.7	65.9	65.5
Wet Water Years (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 Years (15%)	61.4	55.5	49.1	46.6	47.1	50.8	54.9	58.2	62.8	66.1	64.9	65.0
Below Normal Years (17%)	61.6	55.2	48.7	46.2	46.8	51.5	56.5	59.5	64.1	65.9	66.0	65.1
Dry Years (22%)	62.7	55.6	48.8	46.1	47.7	52.4	57.8	62.2	66.3	67.1	66.8	66.4
Critical (15%)	63.2	55.5	48.4	46.6	49.0	54.2	59.6	64.5	68.6	71.4	69.8	68.3

Table 6C-14-4c. American River at Watt Avenue, Alternative 3 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0.0	0.0	0.0	0.0	-0.1	0.0	0.2	0.1	0.0	-0.2	0.4	-0.1
20% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.1	0.0	0.2	-0.1
30% Exceedance	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40% Exceedance	0.2	0.0	0.1	-0.1	0.0	0.0	0.0	0.1	0.0	0.2	0.1	0.0
50% Exceedance	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.3	0.1	-0.1
60% Exceedance	-0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
70% Exceedance	-0.4	0.1	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80% Exceedance	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0
90% Exceedance	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Full Simulation Period Average^a	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (15%)	-0.1	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.1	0.0
Below Normal Years (17%)	-0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Dry Years (22%)	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.0	-0.1	0.1
Critical (15%)	-0.1	0.1	0.0	0.0	-0.1	0.1	0.3	-0.1	0.0	-0.1	0.3	-0.1

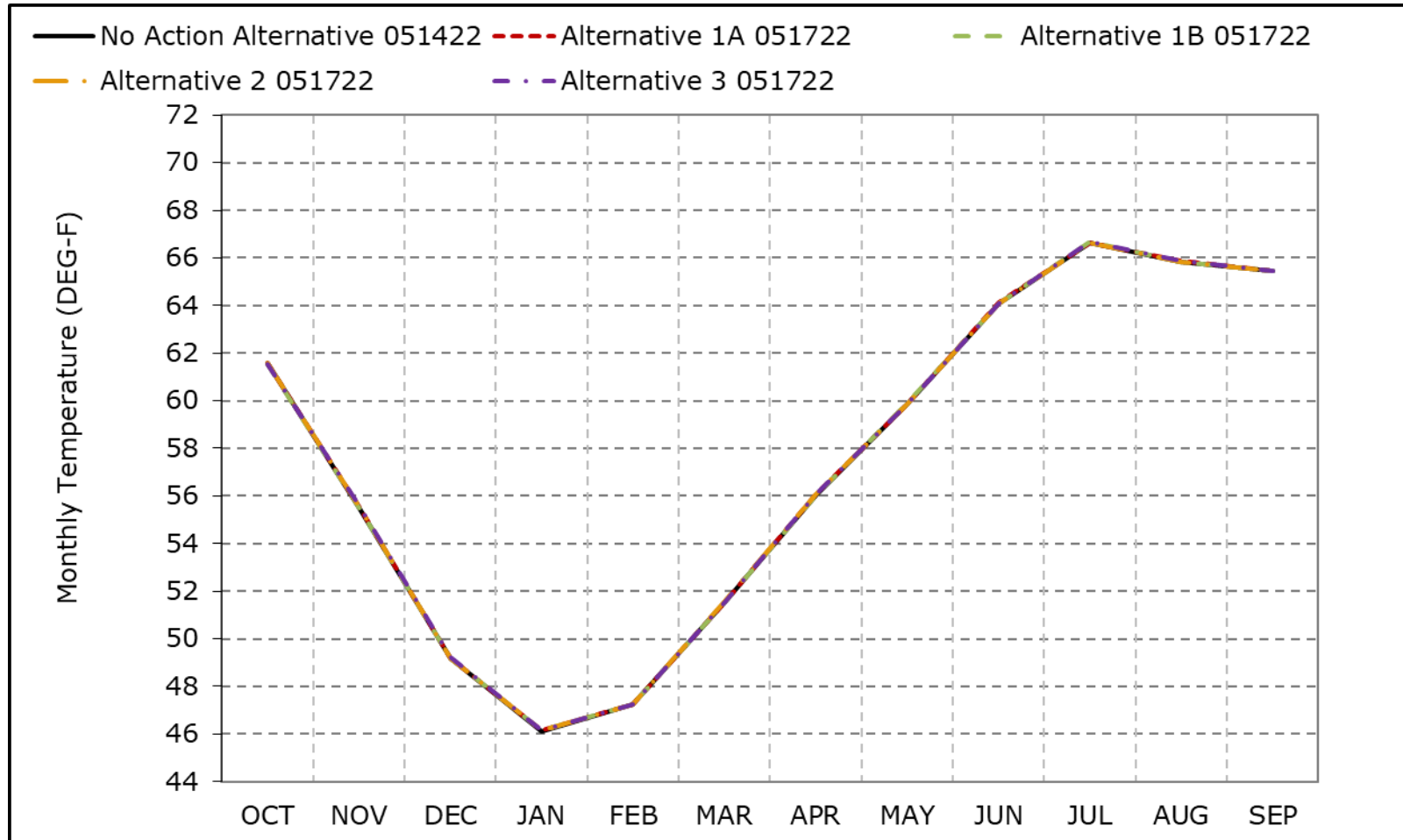
^a Based on the 82-year simulation period.

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

* 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.

Figure 6C-14-1. American River at Watt Avenue, Long-Term Average Temperature

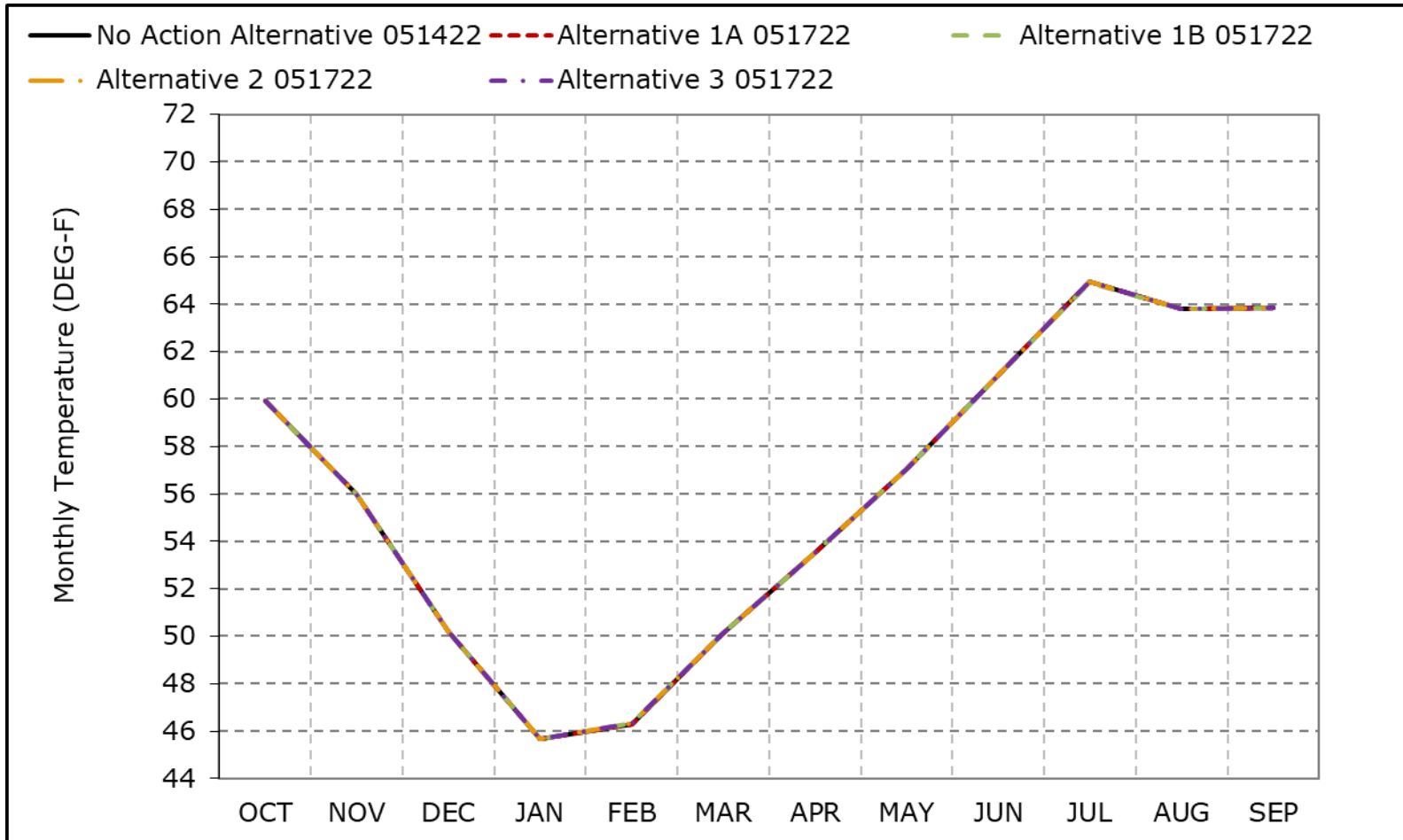


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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

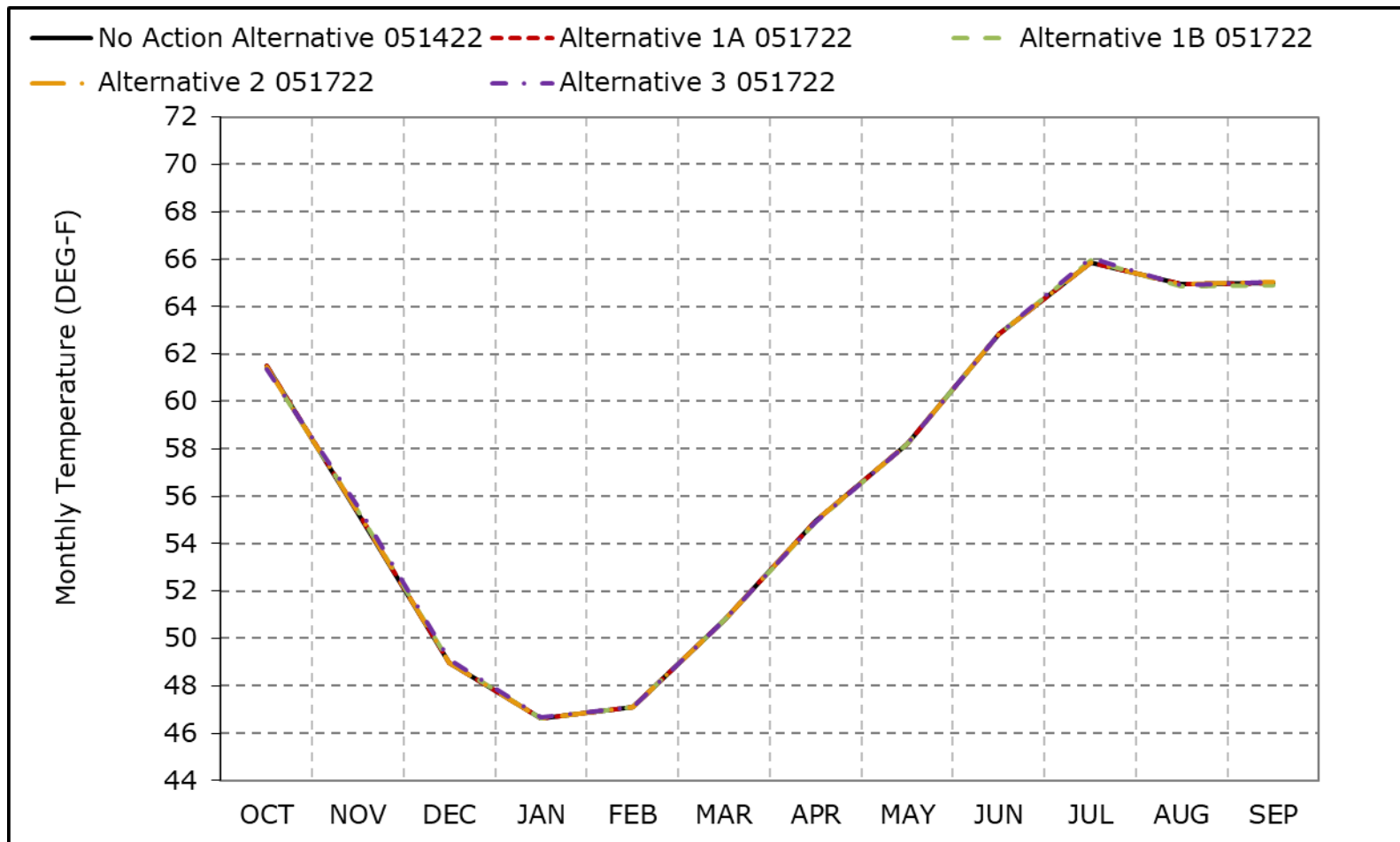


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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 Temperature

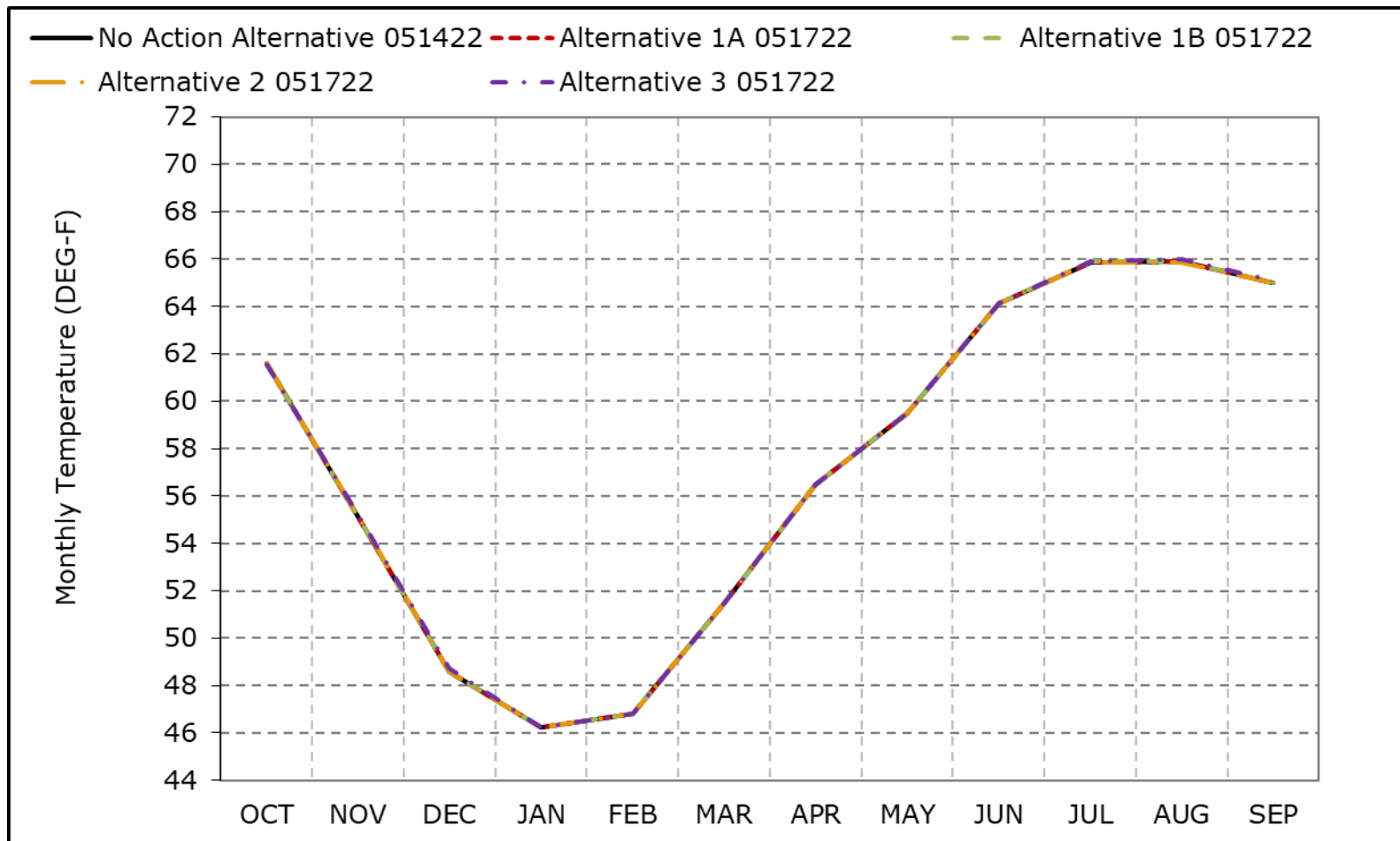


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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-14-4. American River at Watt Avenue, Below Normal Year Average Temperature

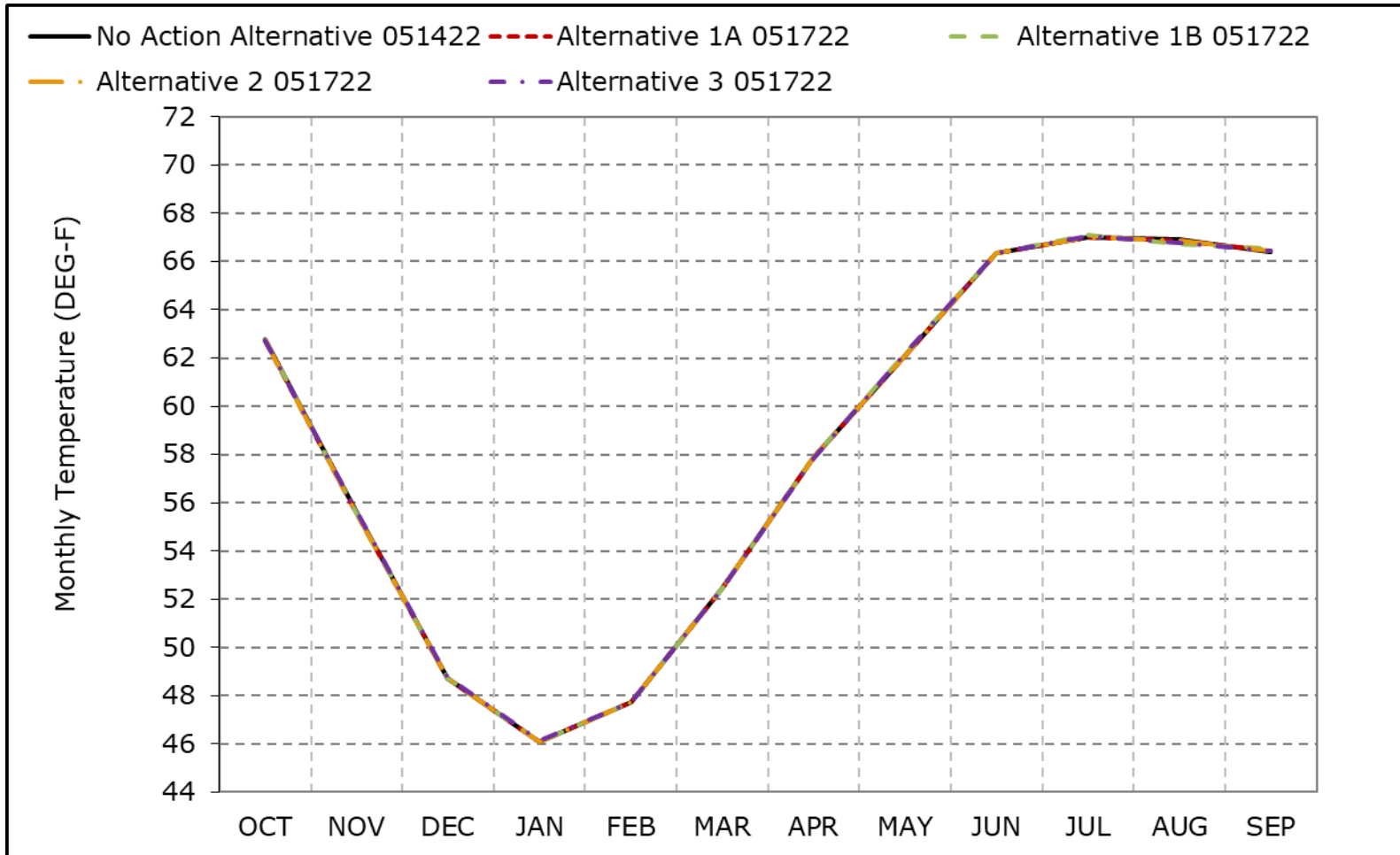


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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-14-5. American River at Watt Avenue, Dry Year Average Temperature

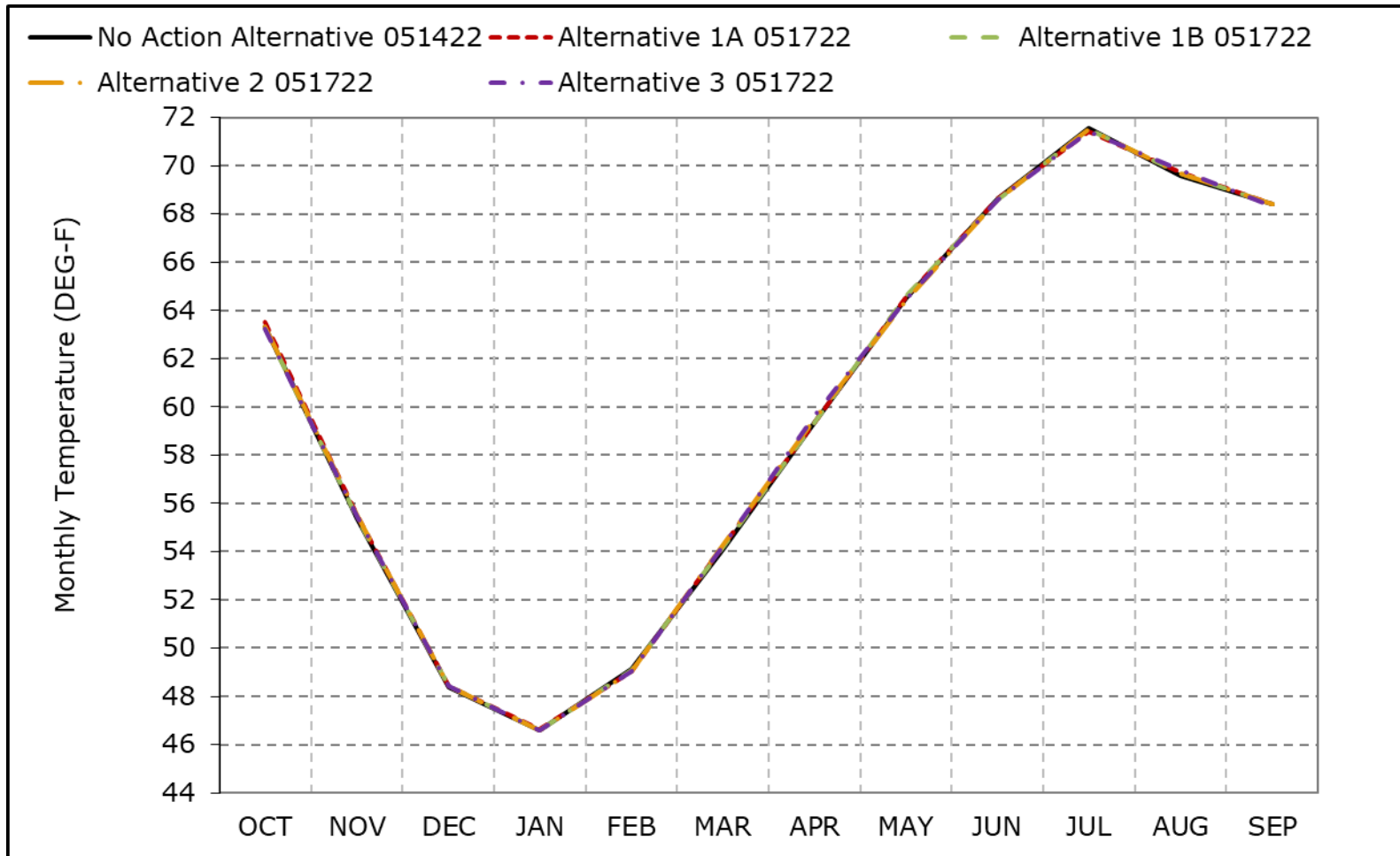


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

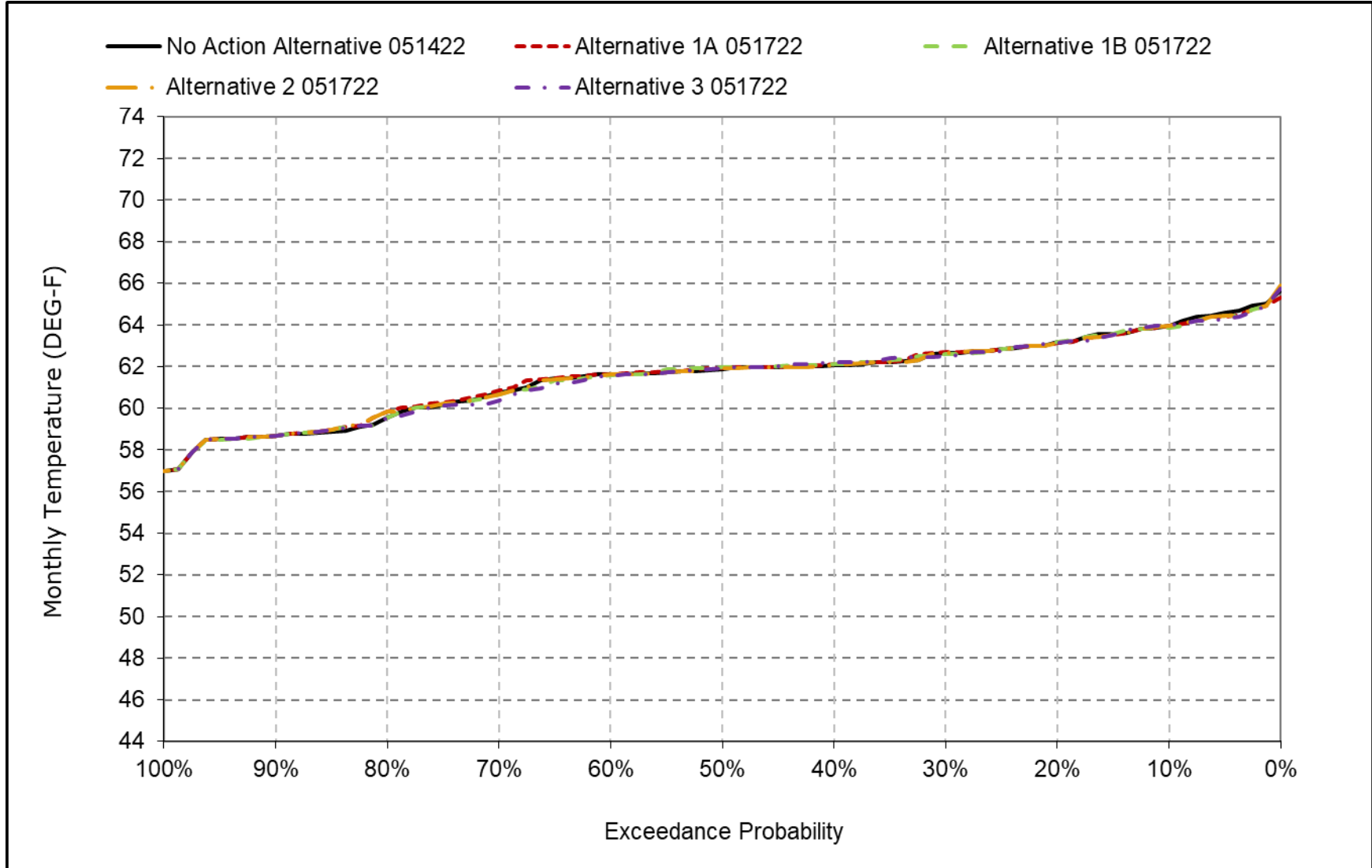
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-14-6. American River at Watt Avenue, Critical Year Average Temperature



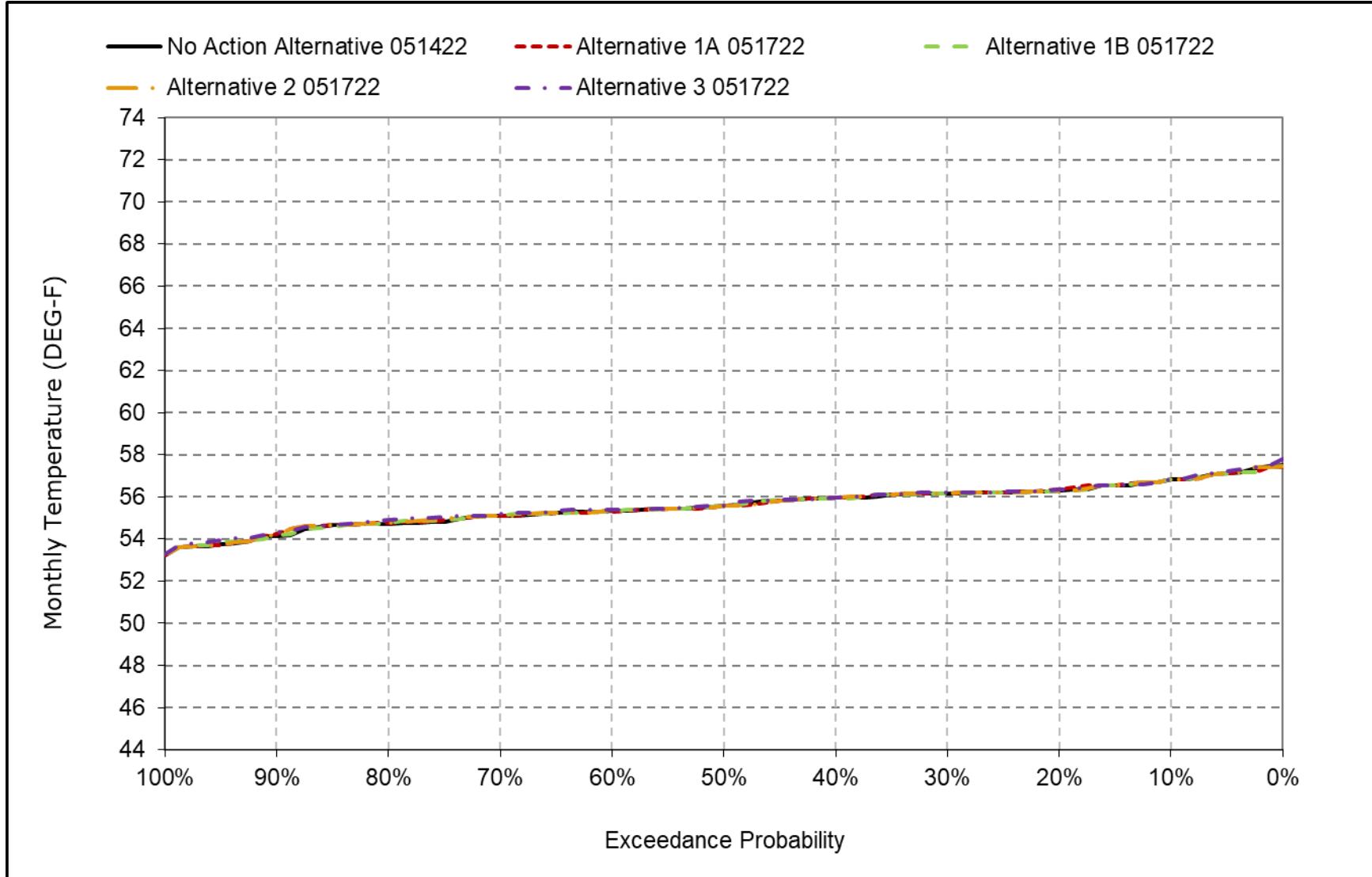
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-14-7. American River at Watt Avenue, October



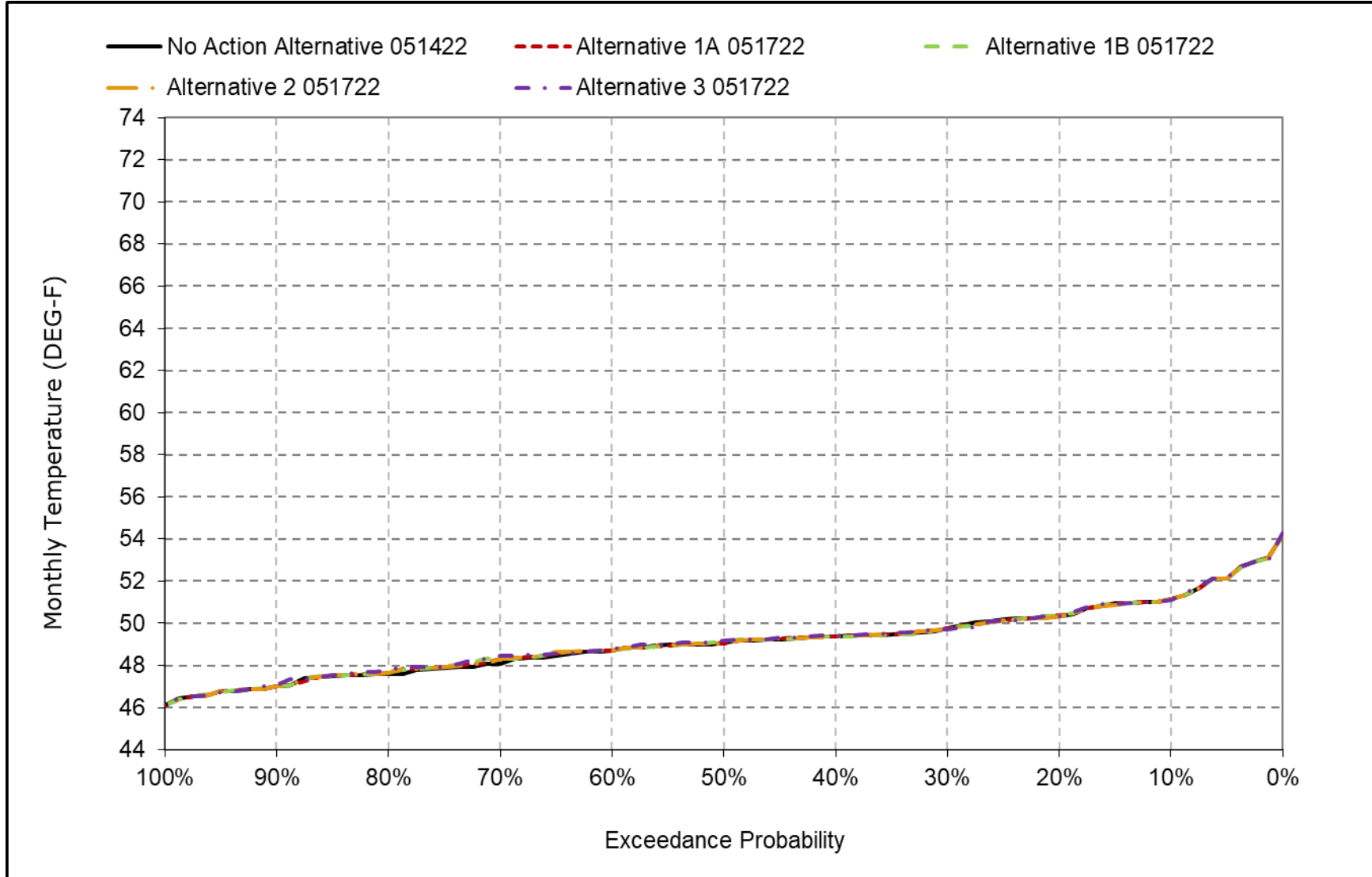
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-14-8. American River at Watt Avenue, November



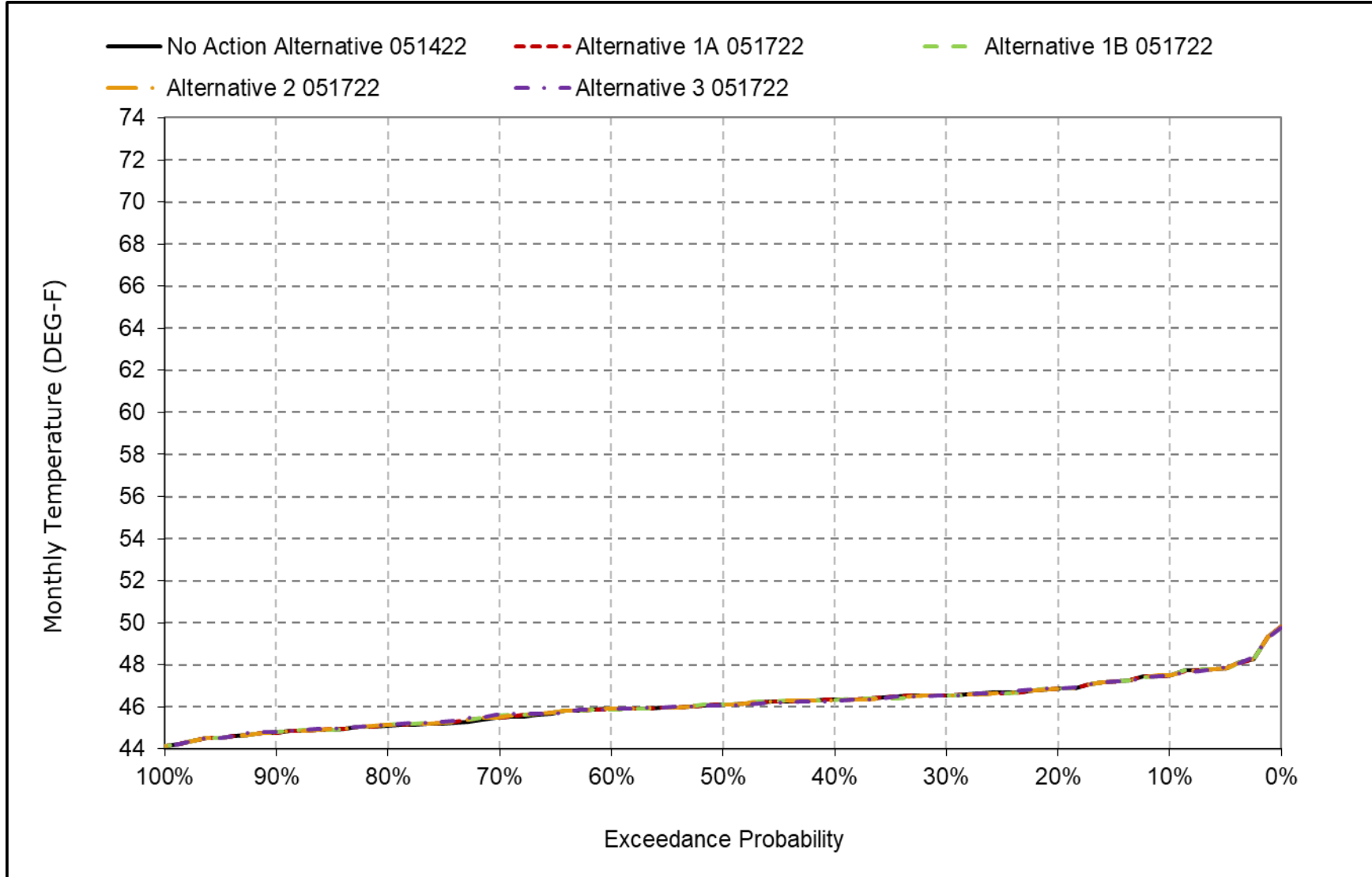
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-14-9. American River at Watt Avenue, December



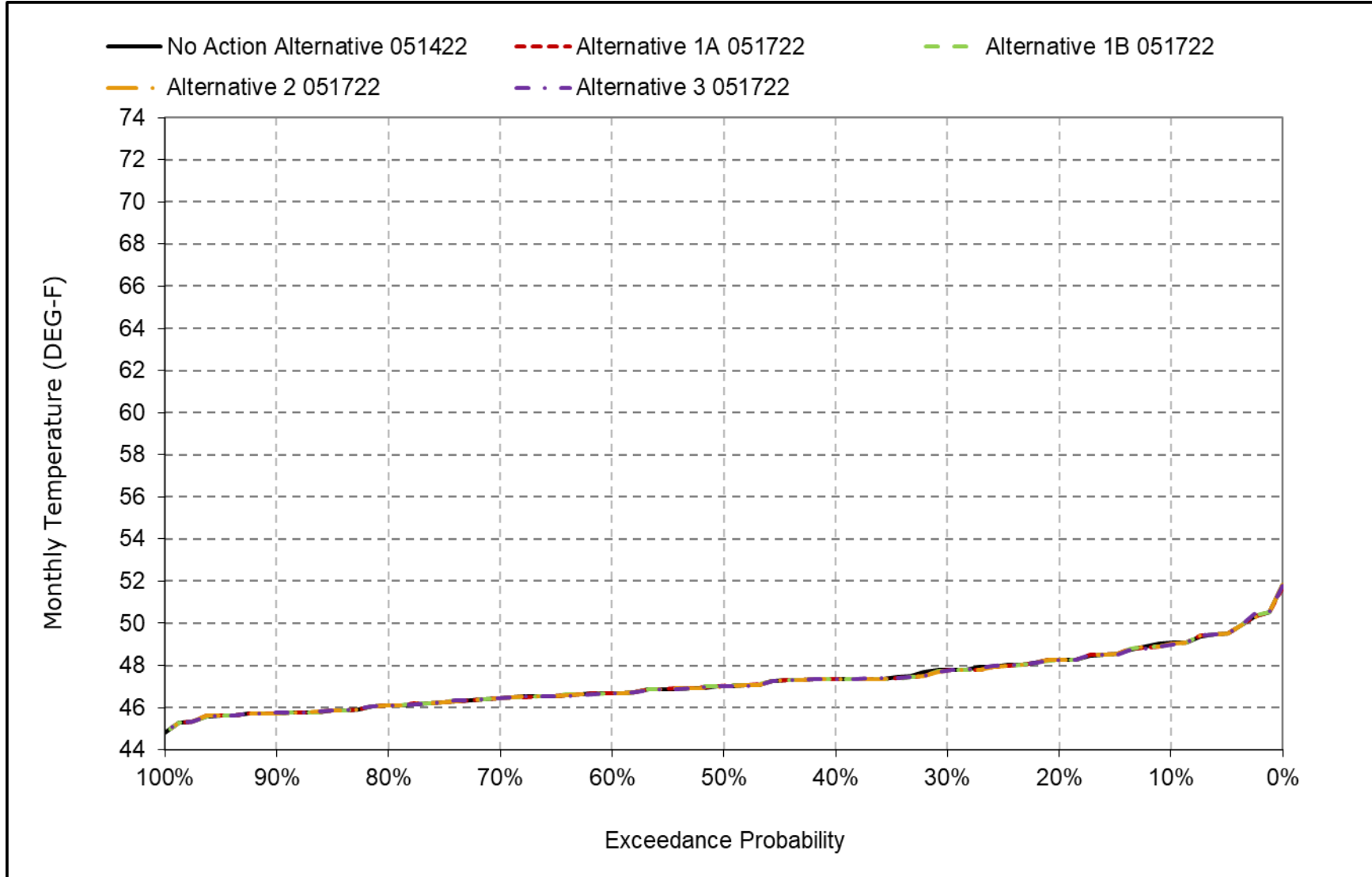
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-14-10. American River at Watt Avenue, January



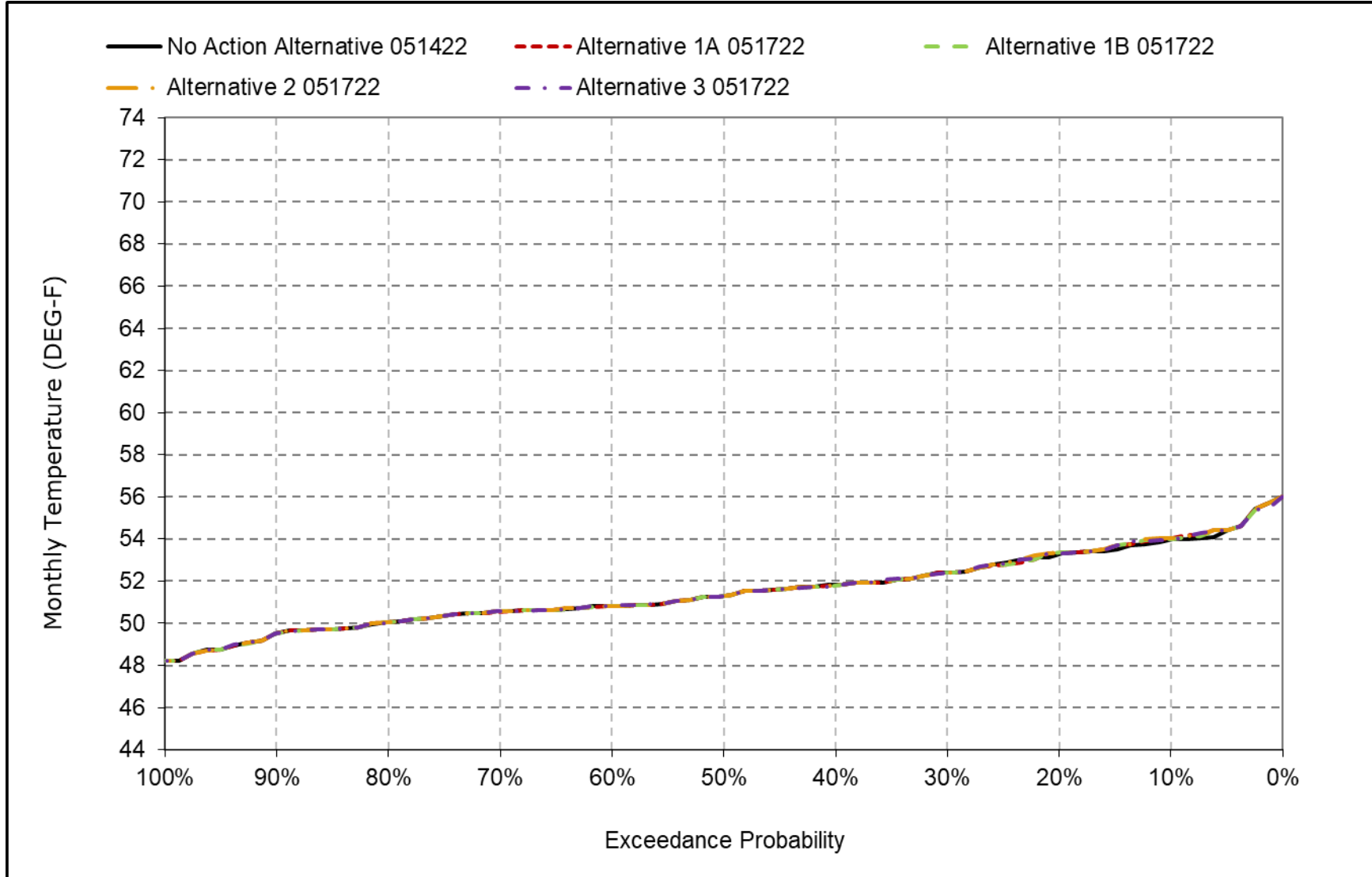
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-14-11. American River at Watt Avenue, February



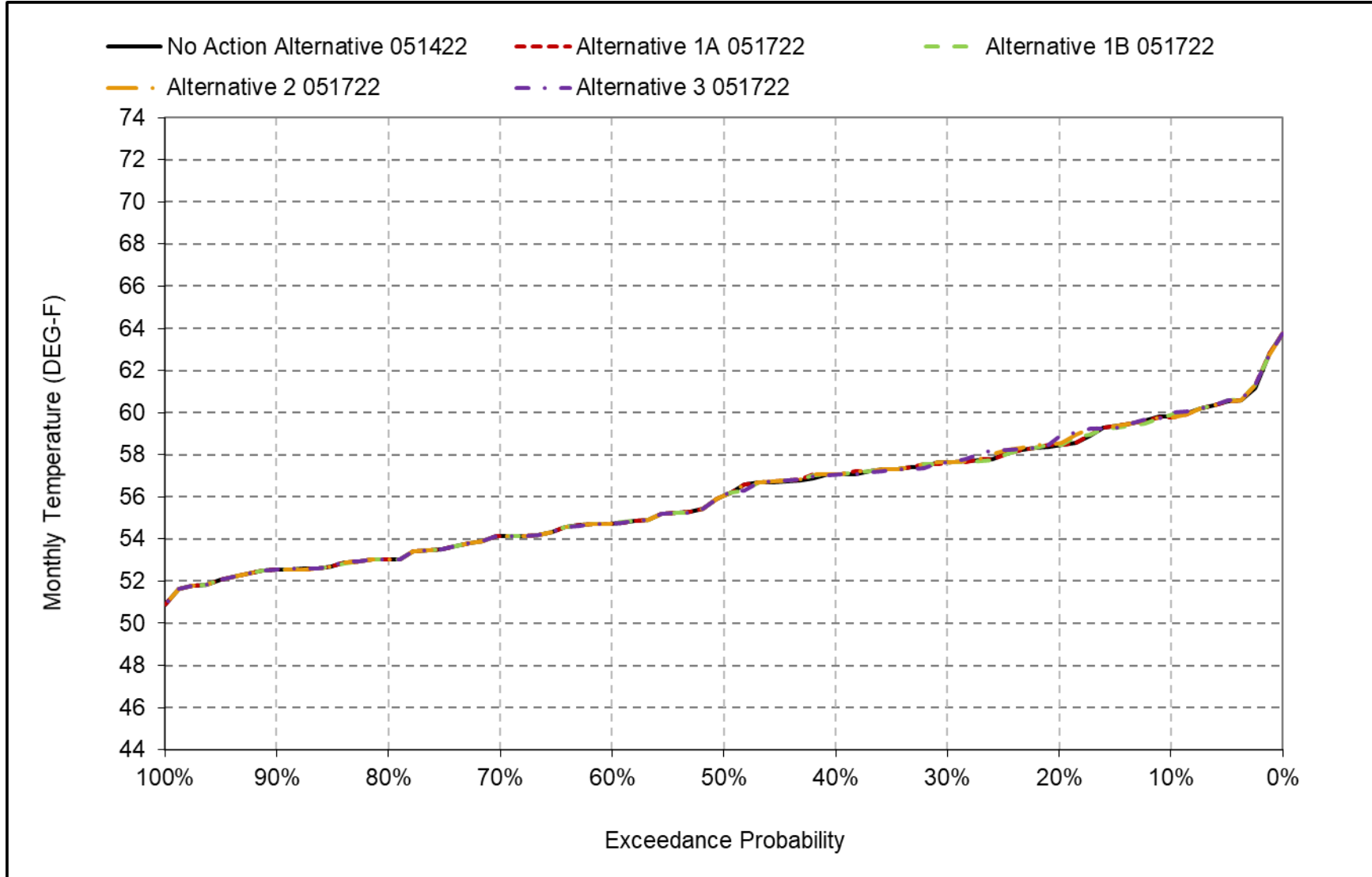
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-14-12. American River at Watt Avenue, March



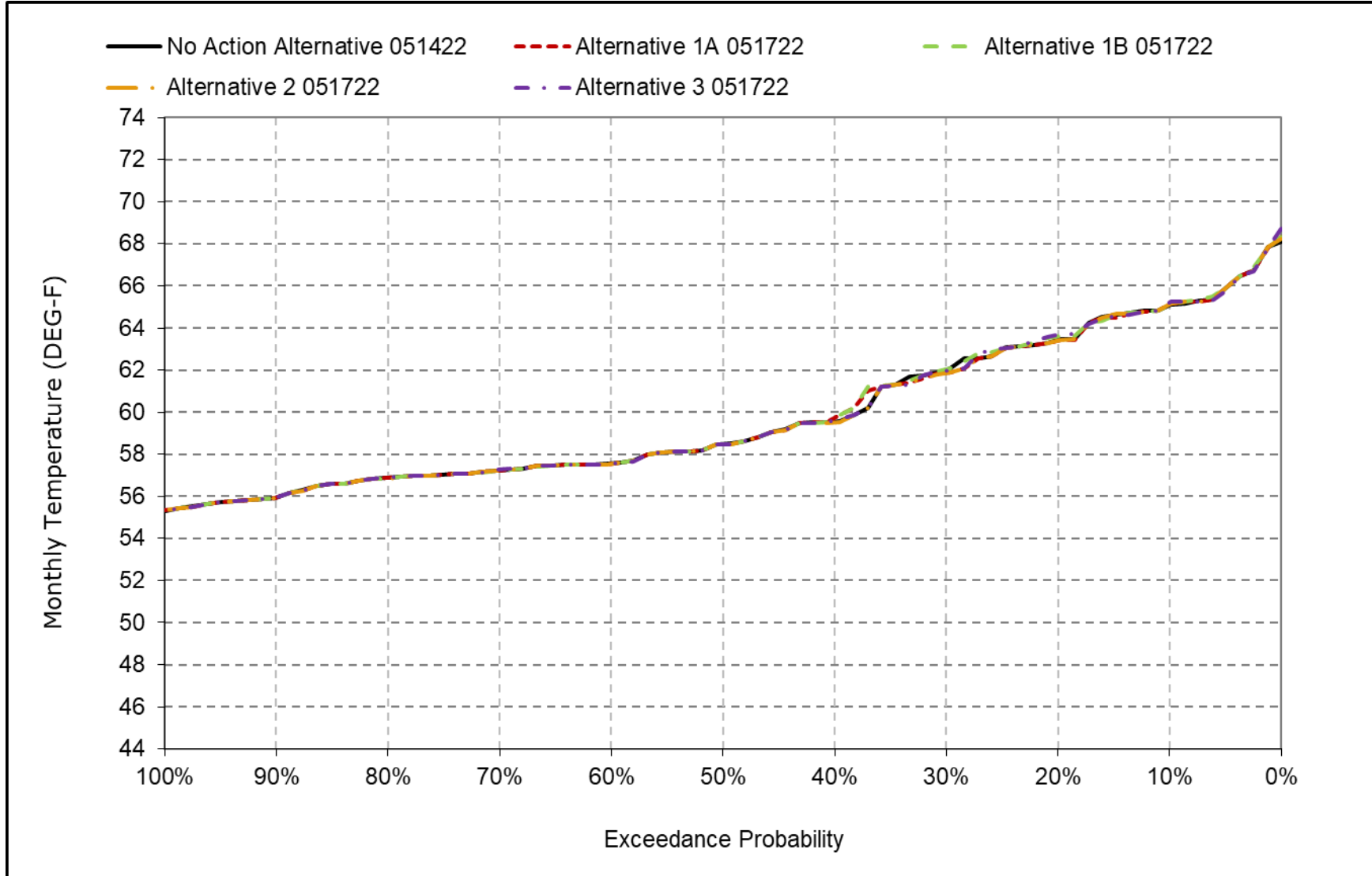
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-14-13. American River at Watt Avenue, April



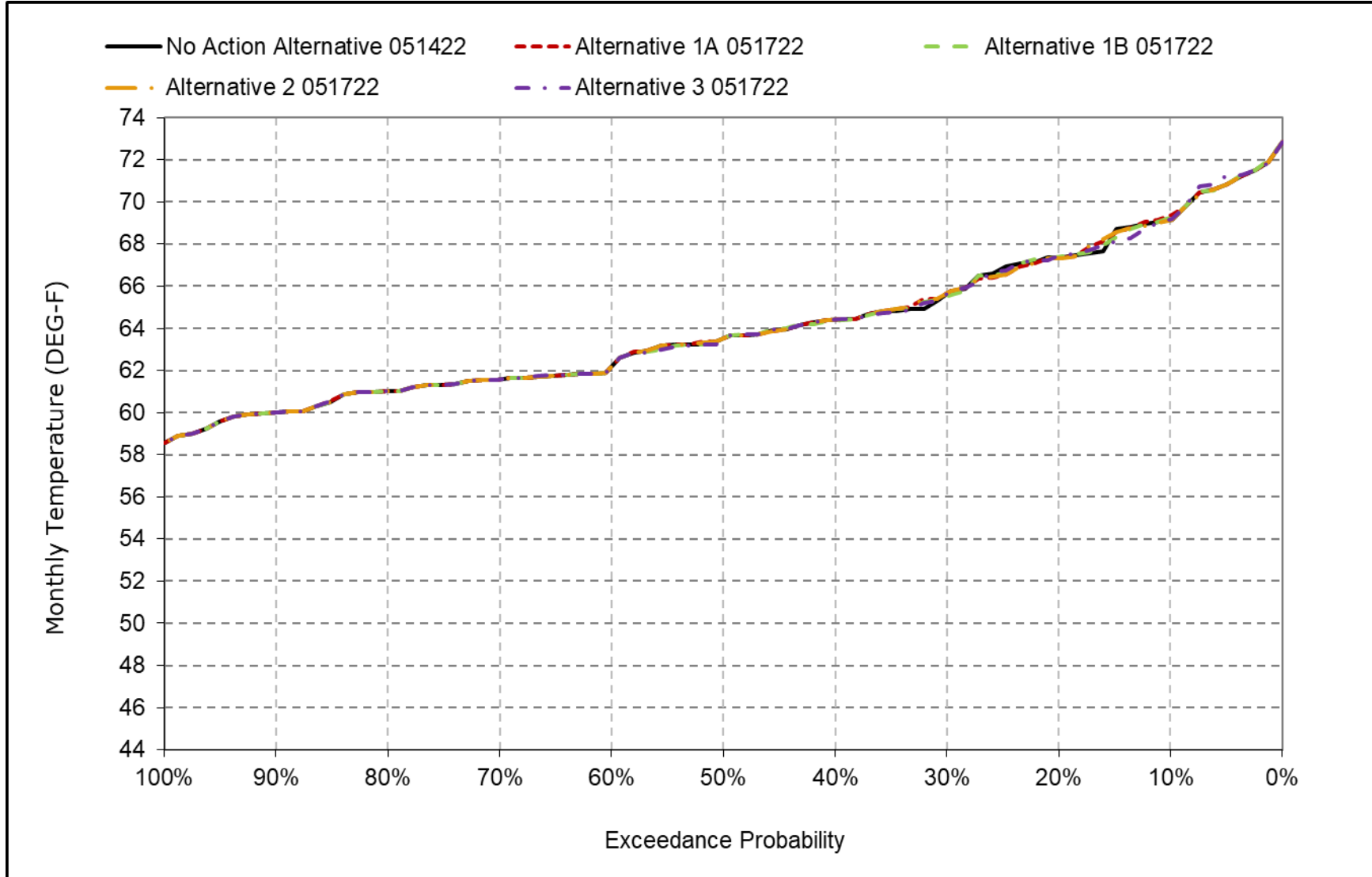
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-14-14. American River at Watt Avenue, May



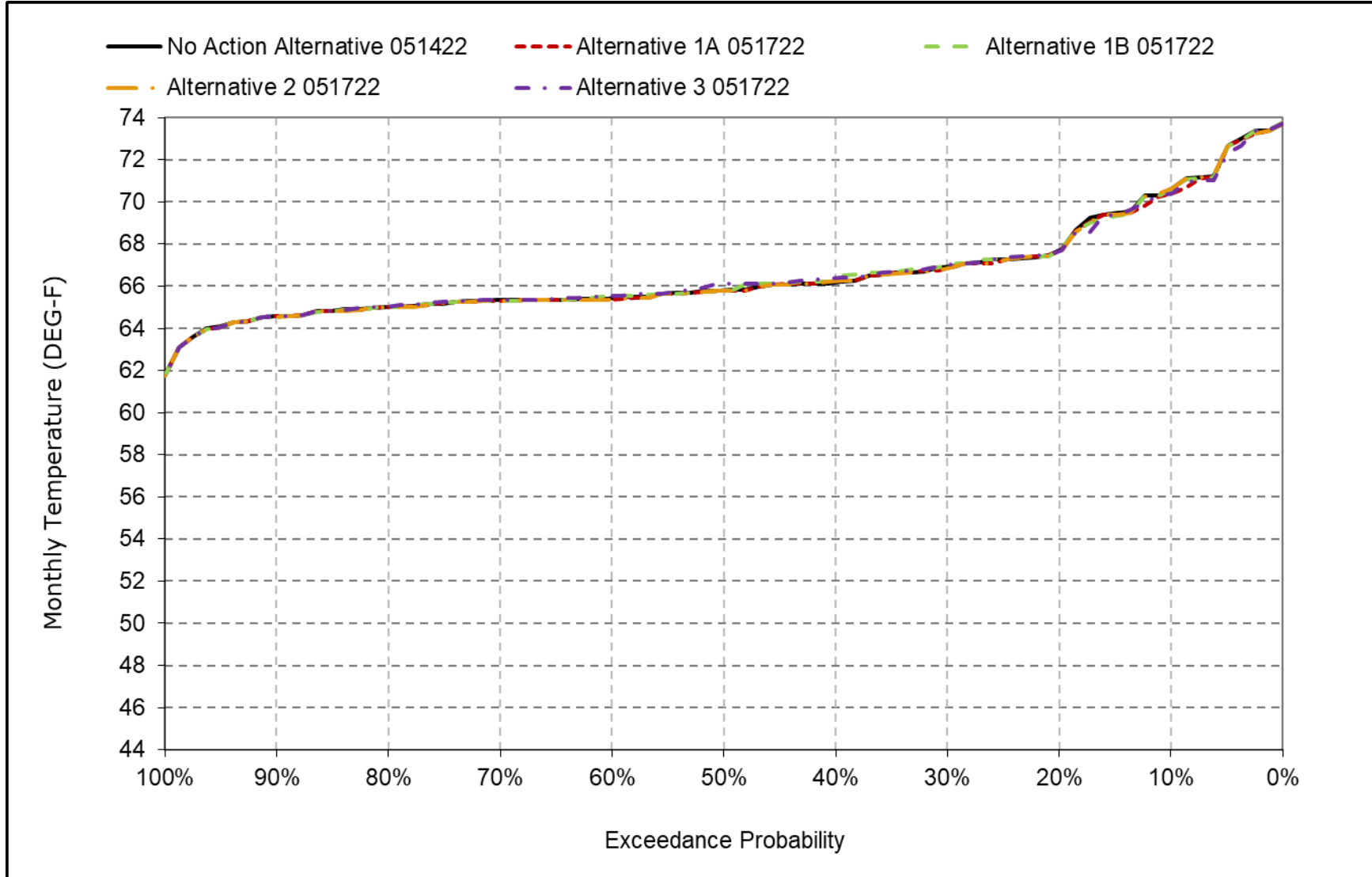
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-14-15. American River at Watt Avenue, June



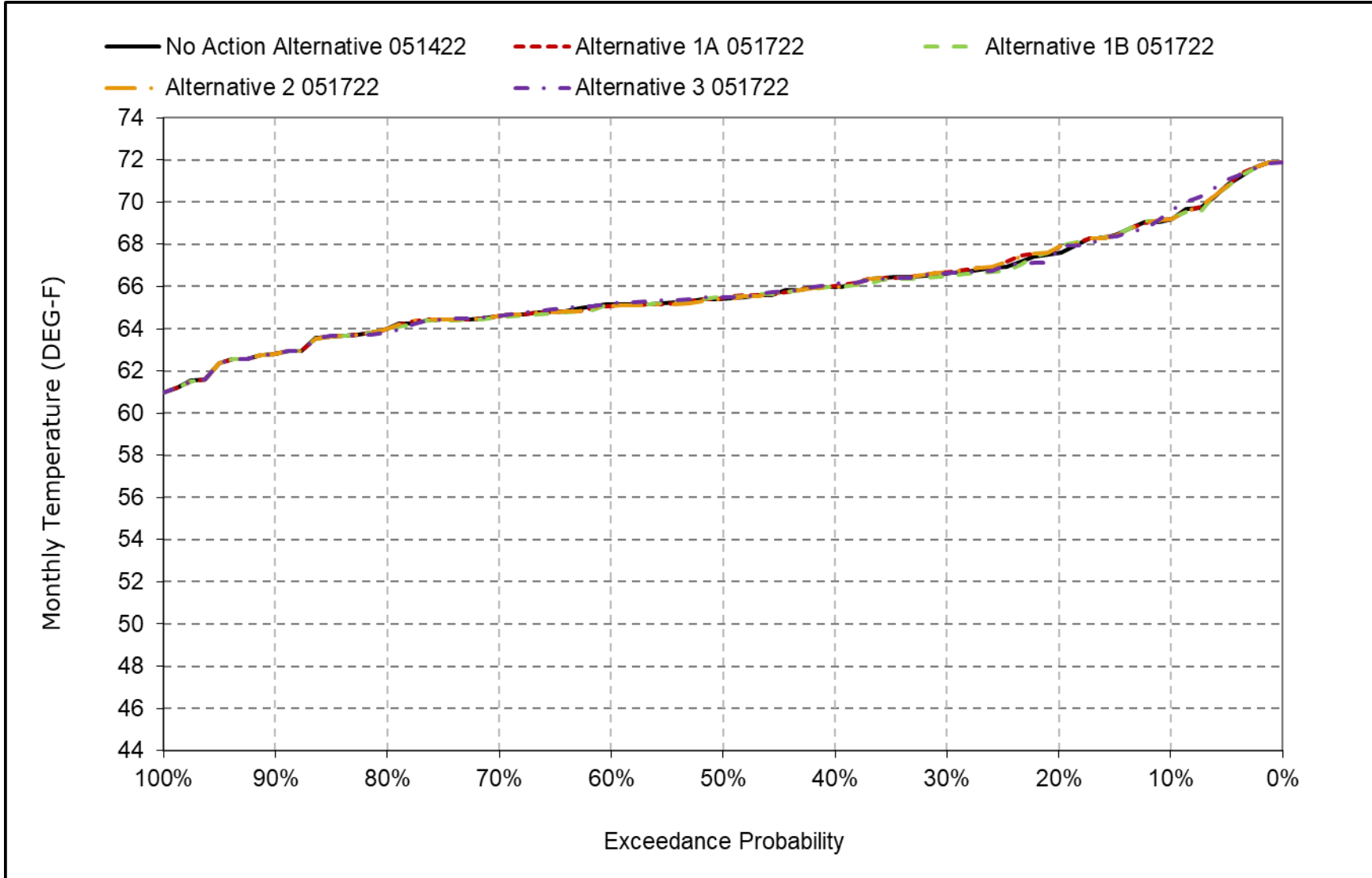
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-14-16. American River at Watt Avenue, July



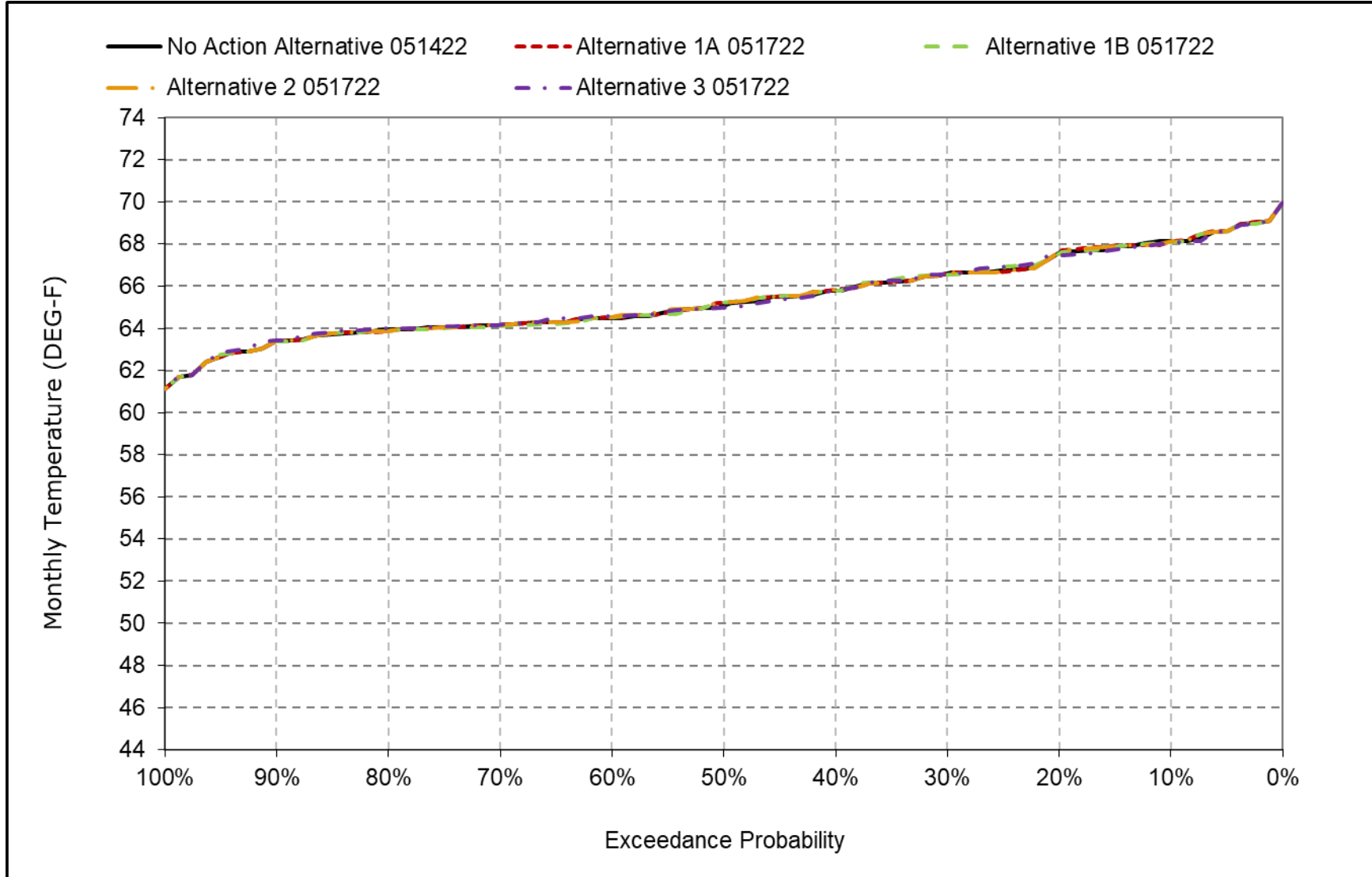
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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 051422, Monthly Temperature (above the confluence with the Sacramento River)(DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	65.8	57.0	51.0	47.8	50.2	56.2	63.3	68.4	73.8	74.2	73.4	70.8
20% Exceedance	64.1	56.6	50.2	47.1	49.3	55.4	61.7	67.2	70.5	71.8	70.9	69.6
30% Exceedance	63.3	56.2	49.5	46.9	48.7	54.2	60.2	65.3	68.0	69.7	69.7	68.2
40% Exceedance	62.8	56.0	49.2	46.7	48.1	53.5	59.3	62.1	67.0	68.9	69.1	67.7
50% Exceedance	62.6	55.9	49.0	46.4	47.7	52.9	58.1	60.2	66.3	68.5	68.4	67.1
60% Exceedance	62.3	55.3	48.6	46.1	47.3	52.1	56.4	59.1	64.9	68.1	67.8	66.3
70% Exceedance	61.7	55.1	47.9	45.7	46.9	51.6	55.5	58.6	63.9	67.7	67.1	66.1
80% Exceedance	61.0	54.7	47.5	45.3	46.5	51.1	54.0	58.2	63.2	67.3	66.3	65.8
90% Exceedance	59.7	54.4	46.9	45.0	46.0	50.2	53.5	56.9	61.5	66.8	65.2	65.1
Full Simulation Period Average^a	62.6	55.7	49.0	46.4	48.0	53.0	58.1	62.0	66.9	69.5	68.8	67.6
Wet Water Years (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 Years (15%)	62.3	55.2	48.8	46.8	47.6	51.8	56.5	60.0	65.6	68.2	67.7	66.7
Below Normal Years (17%)	62.4	55.2	48.4	46.5	47.4	53.1	58.6	61.5	67.1	67.9	68.9	66.8
Dry Years (22%)	63.7	55.8	48.5	46.4	48.7	54.3	60.8	64.9	69.4	70.3	70.1	68.5
Critical (15%)	64.9	55.9	48.2	46.9	50.5	56.4	62.3	68.1	72.7	75.6	73.6	71.6

Table 6C-15-1b. American River at the Mouth, Alternative 1A 051722, Monthly Temperature (above the confluence with the Sacramento River)(DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	65.6	57.0	51.0	47.8	50.2	56.6	63.3	68.4	73.8	73.7	73.3	70.7
20% Exceedance	64.1	56.6	50.2	47.1	49.2	55.3	61.8	67.2	70.7	71.8	71.0	69.7
30% Exceedance	63.5	56.3	49.5	46.9	48.5	54.2	60.2	65.0	68.1	69.8	69.7	68.2
40% Exceedance	62.8	56.0	49.2	46.7	48.1	53.5	59.2	62.3	67.0	68.9	69.2	67.7
50% Exceedance	62.6	55.8	48.9	46.4	47.7	52.9	58.3	60.2	66.3	68.5	68.4	67.2
60% Exceedance	62.4	55.3	48.6	46.1	47.3	52.1	56.4	59.1	64.9	68.0	67.8	66.4
70% Exceedance	61.7	55.2	47.9	45.7	46.9	51.6	55.5	58.6	63.9	67.7	67.1	66.1
80% Exceedance	61.1	54.8	47.6	45.3	46.5	51.1	54.0	58.2	63.2	67.3	66.3	65.8
90% Exceedance	59.7	54.4	46.9	45.0	46.0	50.2	53.5	56.9	61.5	66.8	65.2	65.0
Full Simulation Period Average^a	62.6	55.7	49.0	46.4	48.0	53.1	58.1	62.0	66.9	69.5	68.9	67.6
Wet Water Years (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 Years (15%)	62.3	55.2	48.8	46.8	47.6	51.8	56.5	60.0	65.5	68.2	67.7	66.7
Below Normal Years (17%)	62.4	55.2	48.4	46.5	47.4	53.1	58.6	61.5	67.1	67.9	68.9	66.8
Dry Years (22%)	63.7	55.7	48.5	46.4	48.7	54.3	60.8	64.9	69.4	70.3	70.1	68.6
Critical (15%)	65.0	55.9	48.2	47.0	50.4	56.6	62.3	68.2	72.7	75.4	73.8	71.6

Table 6C-15-1c. American River at the Mouth, Alternative 1A 051722 minus No Action Alternative 051422, Monthly Temperature (above the confluence with the Sacramento River)(DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-0.2	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	-0.6	-0.1	0.0
20% Exceedance	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.2	0.0	0.1	0.0
30% Exceedance	0.2	0.1	0.0	0.0	-0.1	0.0	0.0	-0.3	0.1	0.1	0.0	0.0
40% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1	0.0
50% Exceedance	0.0	-0.1	0.0	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.1
60% Exceedance	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70% Exceedance	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% Exceedance	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% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (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 Years (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 Years (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1
Critical (15%)	0.1	0.1	0.1	0.0	-0.1	0.1	0.0	0.1	0.0	-0.2	0.3	0.0

^a Based on the 82-year simulation period.

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

* 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.

Table 6C-15-2a. American River at the Mouth, No Action Alternative 051422, Monthly Temperature (above the confluence with the Sacramento River)(DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	65.8	57.0	51.0	47.8	50.2	56.2	63.3	68.4	73.8	74.2	73.4	70.8
20% Exceedance	64.1	56.6	50.2	47.1	49.3	55.4	61.7	67.2	70.5	71.8	70.9	69.6
30% Exceedance	63.3	56.2	49.5	46.9	48.7	54.2	60.2	65.3	68.0	69.7	69.7	68.2
40% Exceedance	62.8	56.0	49.2	46.7	48.1	53.5	59.3	62.1	67.0	68.9	69.1	67.7
50% Exceedance	62.6	55.9	49.0	46.4	47.7	52.9	58.1	60.2	66.3	68.5	68.4	67.1
60% Exceedance	62.3	55.3	48.6	46.1	47.3	52.1	56.4	59.1	64.9	68.1	67.8	66.3
70% Exceedance	61.7	55.1	47.9	45.7	46.9	51.6	55.5	58.6	63.9	67.7	67.1	66.1
80% Exceedance	61.0	54.7	47.5	45.3	46.5	51.1	54.0	58.2	63.2	67.3	66.3	65.8
90% Exceedance	59.7	54.4	46.9	45.0	46.0	50.2	53.5	56.9	61.5	66.8	65.2	65.1
Full Simulation Period Average^a	62.6	55.7	49.0	46.4	48.0	53.0	58.1	62.0	66.9	69.5	68.8	67.6
Wet Water Years (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 Years (15%)	62.3	55.2	48.8	46.8	47.6	51.8	56.5	60.0	65.6	68.2	67.7	66.7
Below Normal Years (17%)	62.4	55.2	48.4	46.5	47.4	53.1	58.6	61.5	67.1	67.9	68.9	66.8
Dry Years (22%)	63.7	55.8	48.5	46.4	48.7	54.3	60.8	64.9	69.4	70.3	70.1	68.5
Critical (15%)	64.9	55.9	48.2	46.9	50.5	56.4	62.3	68.1	72.7	75.6	73.6	71.6

Table 6C-15-2b. American River at the Mouth, Alternative 1B 051722, Monthly Temperature (above the confluence with the Sacramento River)(DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	65.7	57.0	51.0	47.8	50.2	56.5	63.3	68.4	73.8	74.2	73.4	70.7
20% Exceedance	64.1	56.6	50.3	47.1	49.2	55.4	61.6	67.2	70.8	71.8	71.1	69.7
30% Exceedance	63.3	56.2	49.5	46.9	48.5	54.2	60.2	65.5	67.9	69.9	69.6	68.1
40% Exceedance	62.8	56.0	49.2	46.7	48.1	53.4	59.2	62.3	67.2	68.9	69.0	67.8
50% Exceedance	62.6	55.9	48.9	46.4	47.7	52.9	58.3	60.2	66.3	68.6	68.5	67.2
60% Exceedance	62.4	55.3	48.6	46.1	47.3	52.1	56.4	59.1	64.9	68.1	67.8	66.3
70% Exceedance	61.7	55.1	48.0	45.7	46.9	51.6	55.5	58.6	63.9	67.7	67.1	66.0
80% Exceedance	61.0	54.8	47.6	45.3	46.5	51.1	54.0	58.2	63.2	67.3	66.3	65.7
90% Exceedance	59.7	54.4	46.9	45.0	46.0	50.2	53.5	56.9	61.5	66.8	65.2	65.0
Full Simulation Period Average^a	62.6	55.7	49.0	46.4	48.0	53.0	58.1	62.1	66.9	69.5	68.8	67.6
Wet Water Years (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 Years (15%)	62.2	55.3	48.9	46.8	47.6	51.8	56.5	60.0	65.6	68.3	67.6	66.6
Below Normal Years (17%)	62.4	55.2	48.5	46.5	47.4	53.1	58.6	61.5	67.1	67.9	68.9	66.8
Dry Years (22%)	63.8	55.7	48.5	46.4	48.7	54.3	60.8	65.1	69.4	70.3	69.9	68.6
Critical (15%)	64.9	55.9	48.2	47.0	50.4	56.5	62.3	68.2	72.7	75.6	73.8	71.6

Table 6C-15-2c. American River at the Mouth, Alternative 1B 051722 minus No Action Alternative 051422, Monthly Temperature (above the confluence with the Sacramento River)(DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.4	0.0	0.0	-0.1	0.0	0.0	-0.1
20% Exceedance	0.0	0.0	0.0	-0.1	-0.1	0.0	-0.1	0.0	0.3	0.0	0.1	0.0
30% Exceedance	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.2	-0.2	0.2	-0.1	-0.1
40% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	-0.1	0.0
50% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1	0.0	0.1
60% Exceedance	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70% Exceedance	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
80% Exceedance	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
90% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (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 Years (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 Years (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.1	-0.2	0.1
Critical (15%)	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.1	0.0	0.0	0.2	0.0

^a Based on the 82-year simulation period.

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

* 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.

Table 6C-15-3a. American River at the Mouth, No Action Alternative 051422, Monthly Temperature (above the confluence with the Sacramento River)(DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	65.8	57.0	51.0	47.8	50.2	56.2	63.3	68.4	73.8	74.2	73.4	70.8
20% Exceedance	64.1	56.6	50.2	47.1	49.3	55.4	61.7	67.2	70.5	71.8	70.9	69.6
30% Exceedance	63.3	56.2	49.5	46.9	48.7	54.2	60.2	65.3	68.0	69.7	69.7	68.2
40% Exceedance	62.8	56.0	49.2	46.7	48.1	53.5	59.3	62.1	67.0	68.9	69.1	67.7
50% Exceedance	62.6	55.9	49.0	46.4	47.7	52.9	58.1	60.2	66.3	68.5	68.4	67.1
60% Exceedance	62.3	55.3	48.6	46.1	47.3	52.1	56.4	59.1	64.9	68.1	67.8	66.3
70% Exceedance	61.7	55.1	47.9	45.7	46.9	51.6	55.5	58.6	63.9	67.7	67.1	66.1
80% Exceedance	61.0	54.7	47.5	45.3	46.5	51.1	54.0	58.2	63.2	67.3	66.3	65.8
90% Exceedance	59.7	54.4	46.9	45.0	46.0	50.2	53.5	56.9	61.5	66.8	65.2	65.1
Full Simulation Period Average^a	62.6	55.7	49.0	46.4	48.0	53.0	58.1	62.0	66.9	69.5	68.8	67.6
Wet Water Years (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 Years (15%)	62.3	55.2	48.8	46.8	47.6	51.8	56.5	60.0	65.6	68.2	67.7	66.7
Below Normal Years (17%)	62.4	55.2	48.4	46.5	47.4	53.1	58.6	61.5	67.1	67.9	68.9	66.8
Dry Years (22%)	63.7	55.8	48.5	46.4	48.7	54.3	60.8	64.9	69.4	70.3	70.1	68.5
Critical (15%)	64.9	55.9	48.2	46.9	50.5	56.4	62.3	68.1	72.7	75.6	73.6	71.6

Table 6C-15-3b. American River at the Mouth, Alternative 2 051722, Monthly Temperature (above the confluence with the Sacramento River)(DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	65.6	57.0	51.0	47.8	50.2	56.6	63.3	68.4	73.8	74.3	73.3	70.7
20% Exceedance	64.1	56.6	50.2	47.1	49.2	55.4	61.8	67.2	70.7	71.8	71.0	69.7
30% Exceedance	63.3	56.3	49.5	46.9	48.5	54.2	60.4	65.0	68.1	69.8	69.7	68.2
40% Exceedance	62.8	56.0	49.2	46.7	48.1	53.5	59.3	62.1	67.0	68.9	69.2	67.7
50% Exceedance	62.6	55.8	48.9	46.3	47.7	52.9	58.3	60.2	66.3	68.5	68.3	67.2
60% Exceedance	62.4	55.4	48.6	46.2	47.3	52.1	56.4	59.1	64.9	68.0	67.8	66.4
70% Exceedance	61.7	55.2	47.9	45.7	46.9	51.6	55.5	58.6	63.9	67.7	67.1	66.1
80% Exceedance	61.1	54.8	47.6	45.3	46.5	51.1	54.0	58.2	63.2	67.3	66.3	65.8
90% Exceedance	59.7	54.4	46.9	45.0	46.0	50.2	53.5	56.9	61.5	66.8	65.2	65.1
Full Simulation Period Average^a	62.6	55.7	49.0	46.4	48.0	53.1	58.2	62.0	66.9	69.5	68.9	67.6
Wet Water Years (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 Years (15%)	62.3	55.2	48.8	46.8	47.6	51.8	56.5	60.0	65.5	68.2	67.7	66.7
Below Normal Years (17%)	62.4	55.2	48.5	46.5	47.4	53.1	58.6	61.5	67.1	67.9	68.8	66.8
Dry Years (22%)	63.7	55.7	48.5	46.4	48.7	54.3	60.8	64.9	69.4	70.3	70.0	68.6
Critical (15%)	64.9	55.9	48.2	47.0	50.4	56.6	62.6	68.0	72.7	75.5	73.8	71.6

Table 6C-15-3c. American River at the Mouth, Alternative 2 051722 minus No Action Alternative 051422, Monthly Temperature (above the confluence with the Sacramento River)(DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-0.2	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.1	-0.1	0.0
20% Exceedance	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.2	0.0	0.1	0.0
30% Exceedance	0.0	0.1	0.0	0.0	-0.1	0.0	0.2	-0.3	0.1	0.1	0.0	0.0
40% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
50% Exceedance	0.0	-0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	-0.2	0.1
60% Exceedance	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1
70% Exceedance	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
80% Exceedance	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% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Years (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 Years (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 Years (22%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1
Critical (15%)	0.0	0.1	0.1	0.0	-0.1	0.2	0.2	-0.1	0.0	-0.1	0.2	0.0

^a Based on the 82-year simulation period.

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

* 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.

Table 6C-15-4a. American River at the Mouth, No Action Alternative 051422, Monthly Temperature (above the confluence with the Sacramento River)(DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	65.8	57.0	51.0	47.8	50.2	56.2	63.3	68.4	73.8	74.2	73.4	70.8
20% Exceedance	64.1	56.6	50.2	47.1	49.3	55.4	61.7	67.2	70.5	71.8	70.9	69.6
30% Exceedance	63.3	56.2	49.5	46.9	48.7	54.2	60.2	65.3	68.0	69.7	69.7	68.2
40% Exceedance	62.8	56.0	49.2	46.7	48.1	53.5	59.3	62.1	67.0	68.9	69.1	67.7
50% Exceedance	62.6	55.9	49.0	46.4	47.7	52.9	58.1	60.2	66.3	68.5	68.4	67.1
60% Exceedance	62.3	55.3	48.6	46.1	47.3	52.1	56.4	59.1	64.9	68.1	67.8	66.3
70% Exceedance	61.7	55.1	47.9	45.7	46.9	51.6	55.5	58.6	63.9	67.7	67.1	66.1
80% Exceedance	61.0	54.7	47.5	45.3	46.5	51.1	54.0	58.2	63.2	67.3	66.3	65.8
90% Exceedance	59.7	54.4	46.9	45.0	46.0	50.2	53.5	56.9	61.5	66.8	65.2	65.1
Full Simulation Period Average^a	62.6	55.7	49.0	46.4	48.0	53.0	58.1	62.0	66.9	69.5	68.8	67.6
Wet Water Years (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 Years (15%)	62.3	55.2	48.8	46.8	47.6	51.8	56.5	60.0	65.6	68.2	67.7	66.7
Below Normal Years (17%)	62.4	55.2	48.4	46.5	47.4	53.1	58.6	61.5	67.1	67.9	68.9	66.8
Dry Years (22%)	63.7	55.8	48.5	46.4	48.7	54.3	60.8	64.9	69.4	70.3	70.1	68.5
Critical (15%)	64.9	55.9	48.2	46.9	50.5	56.4	62.3	68.1	72.7	75.6	73.6	71.6

Table 6C-15-4b. American River at the Mouth, Alternative 3 051722, Monthly Temperature (above the confluence with the Sacramento River)(DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	65.6	57.2	51.0	47.8	50.2	56.6	62.9	68.4	73.8	74.2	73.5	70.7
20% Exceedance	64.1	56.6	50.3	47.1	49.2	55.3	62.0	67.2	70.7	71.7	70.9	69.6
30% Exceedance	63.3	56.3	49.5	46.9	48.5	54.2	60.4	65.5	68.2	70.0	69.8	68.3
40% Exceedance	62.8	56.0	49.3	46.7	48.1	53.4	59.3	62.1	67.0	69.0	69.3	67.7
50% Exceedance	62.7	55.8	49.1	46.3	47.7	52.9	58.3	60.2	66.3	68.6	68.5	67.1
60% Exceedance	62.2	55.4	48.5	46.1	47.3	52.1	56.4	59.1	65.0	68.2	67.8	66.6
70% Exceedance	61.7	55.2	48.0	45.7	46.9	51.6	55.5	58.6	63.9	67.8	67.4	66.1
80% Exceedance	60.9	54.9	47.7	45.4	46.5	51.1	54.0	58.2	63.2	67.5	66.3	65.9
90% Exceedance	59.7	54.5	46.9	45.0	46.0	50.2	53.5	56.9	61.5	66.8	65.2	65.4
Full Simulation Period Average^a	62.6	55.7	49.0	46.4	48.0	53.1	58.2	62.1	66.9	69.5	68.9	67.6
Wet Water Years (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 Years (15%)	62.2	55.5	49.0	46.8	47.6	51.8	56.5	60.0	65.6	68.5	67.7	66.9
Below Normal Years (17%)	62.3	55.3	48.6	46.5	47.4	53.1	58.6	61.5	67.1	68.0	69.0	66.9
Dry Years (22%)	63.7	55.8	48.6	46.5	48.7	54.3	60.7	65.1	69.4	70.3	69.9	68.6
Critical (15%)	64.8	55.9	48.2	46.9	50.4	56.6	62.7	68.0	72.6	75.5	74.0	71.6

Table 6C-15-4c. American River at the Mouth, Alternative 3 051722 minus No Action Alternative 051422, Monthly Temperature (above the confluence with the Sacramento River)(DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-0.2	0.2	0.0	0.0	0.0	0.4	-0.4	0.0	0.0	-0.1	0.1	-0.1
20% Exceedance	0.0	0.0	0.0	0.0	-0.1	0.0	0.2	0.0	0.3	-0.1	-0.1	-0.1
30% Exceedance	0.0	0.1	0.0	0.0	-0.2	0.0	0.2	0.3	0.2	0.3	0.0	0.1
40% Exceedance	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0
50% Exceedance	0.1	0.0	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.1	0.0	0.0
60% Exceedance	-0.1	0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.2
70% Exceedance	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.0
80% Exceedance	-0.1	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.1
90% Exceedance	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Full Simulation Period Average^a	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Wet Water Years (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 Years (15%)	-0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.1	0.2
Below Normal Years (17%)	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.1
Dry Years (22%)	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.2	0.0	0.1	-0.2	0.1
Critical (15%)	-0.1	0.0	0.0	0.0	-0.1	0.1	0.4	-0.1	-0.1	-0.1	0.5	0.0

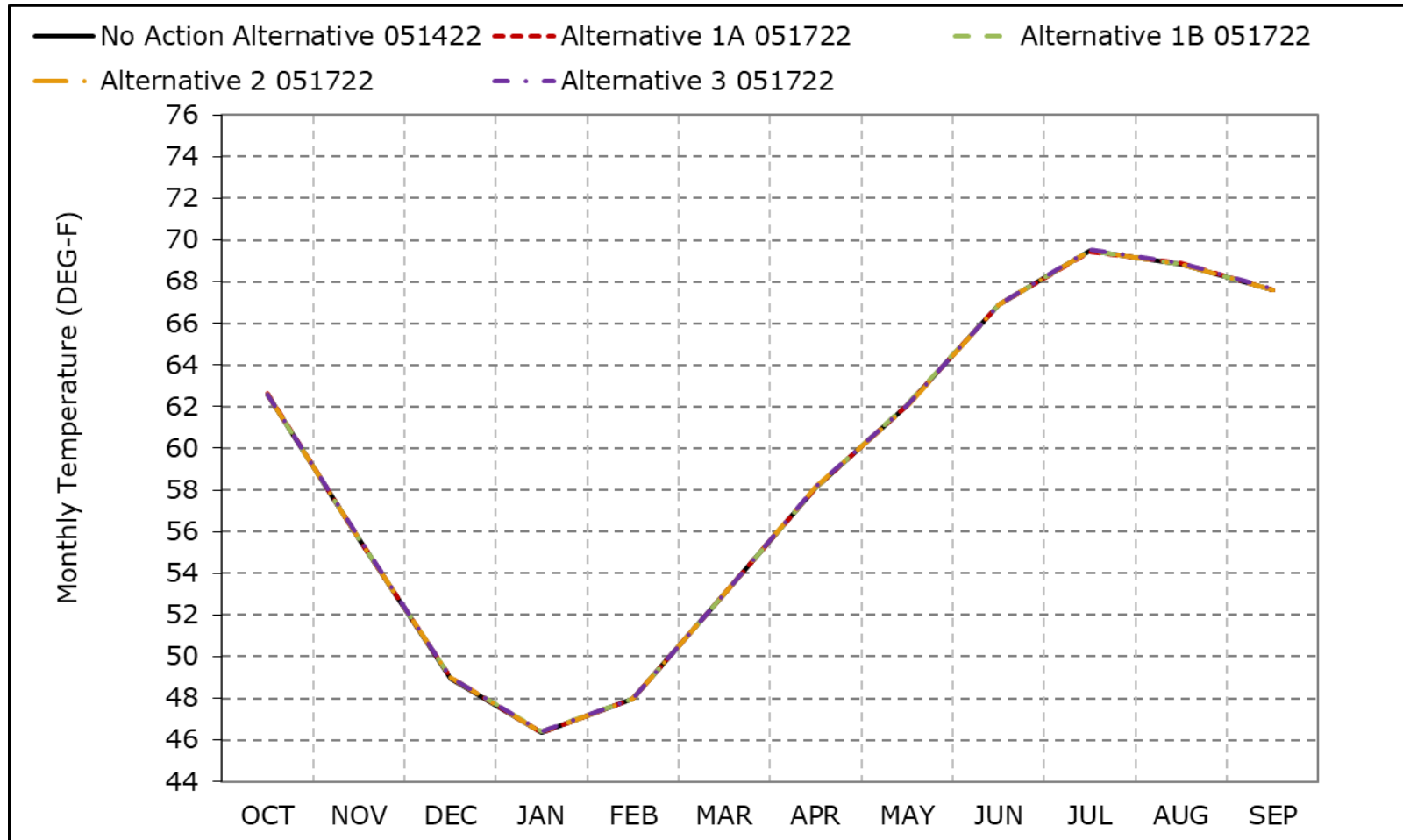
^a Based on the 82-year simulation period.

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

* 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.

Figure 6C-15-1. American River at the Mouth, Long-Term Average Temperature

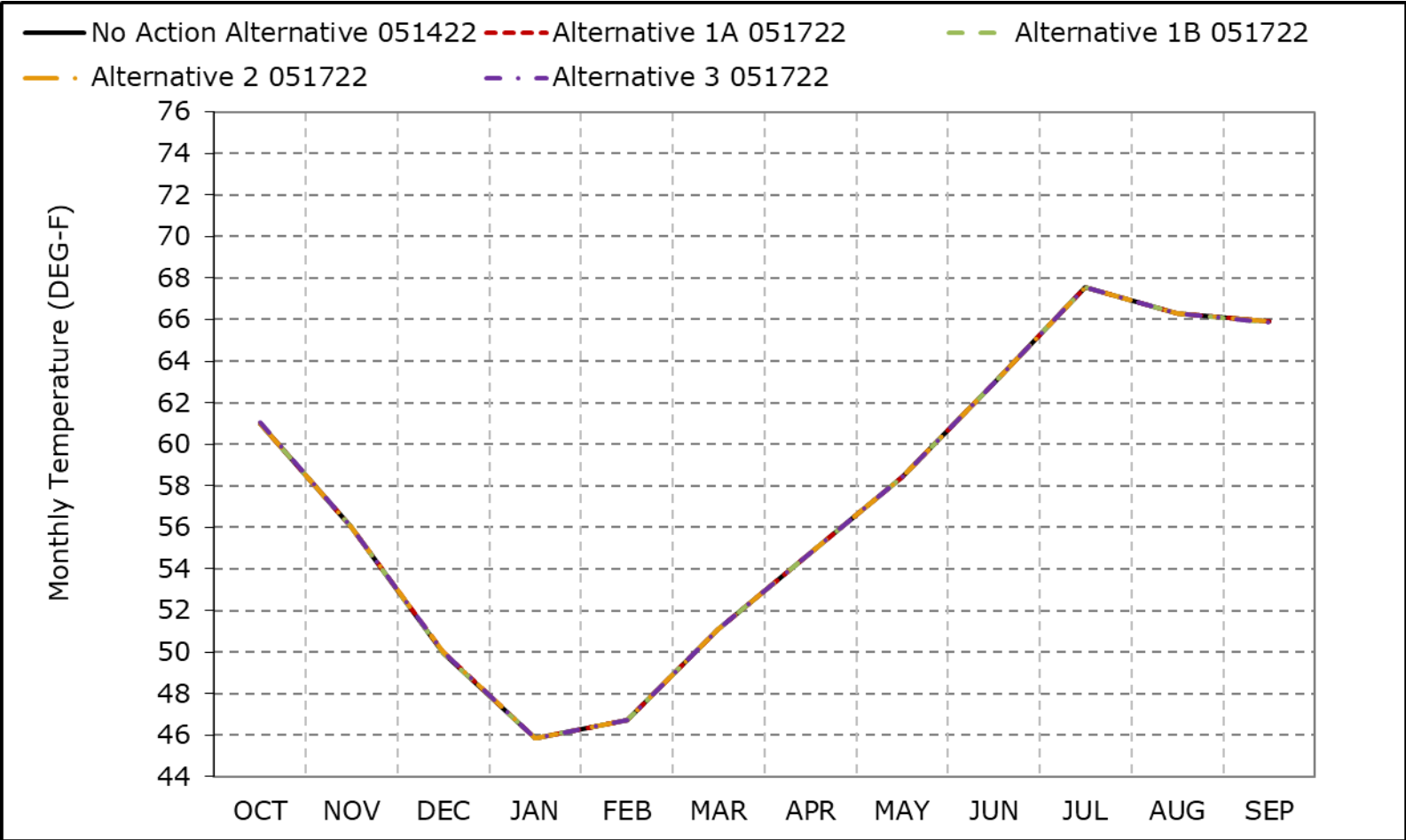


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

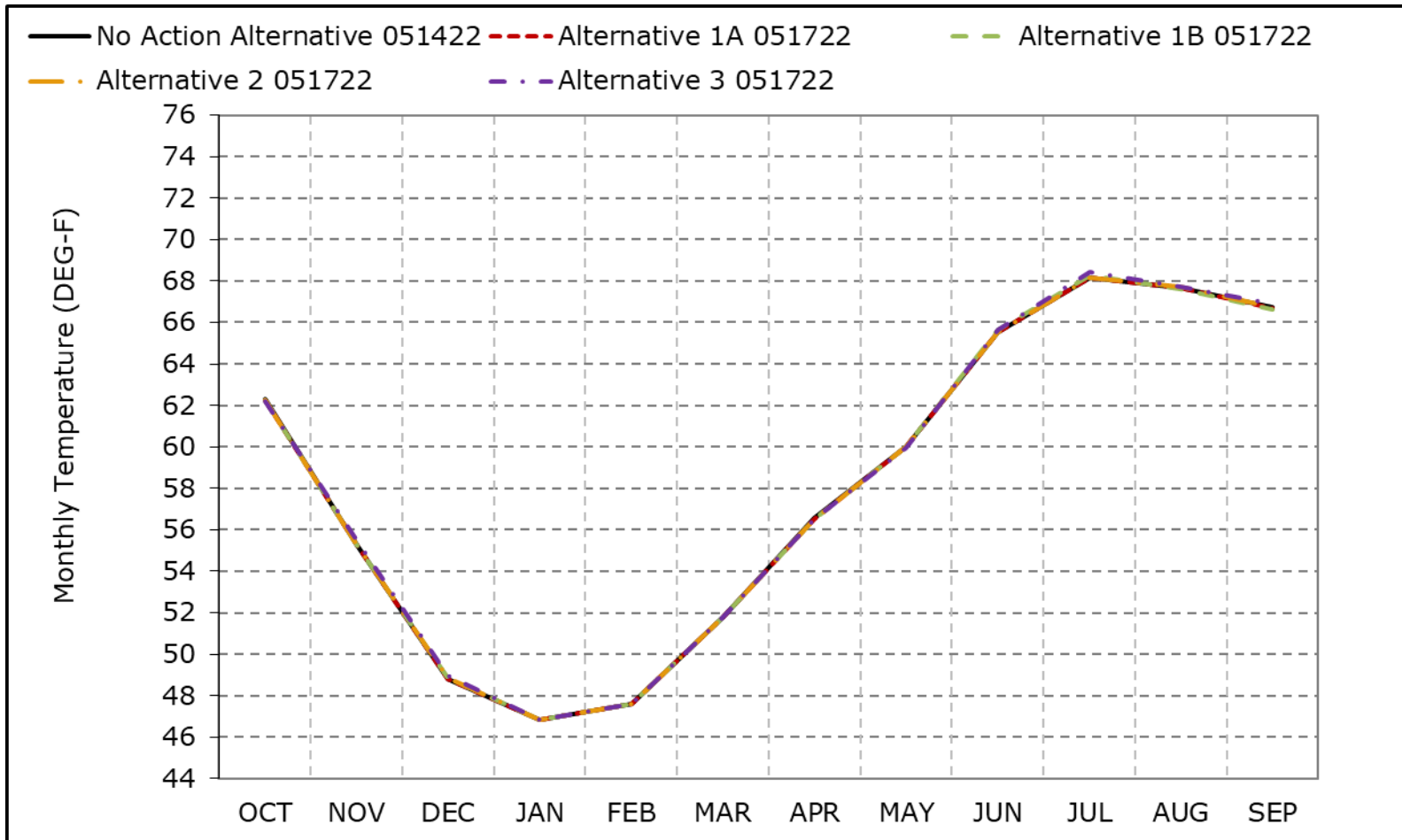
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-15-2. American River at the Mouth, Wet Year Average Temperature



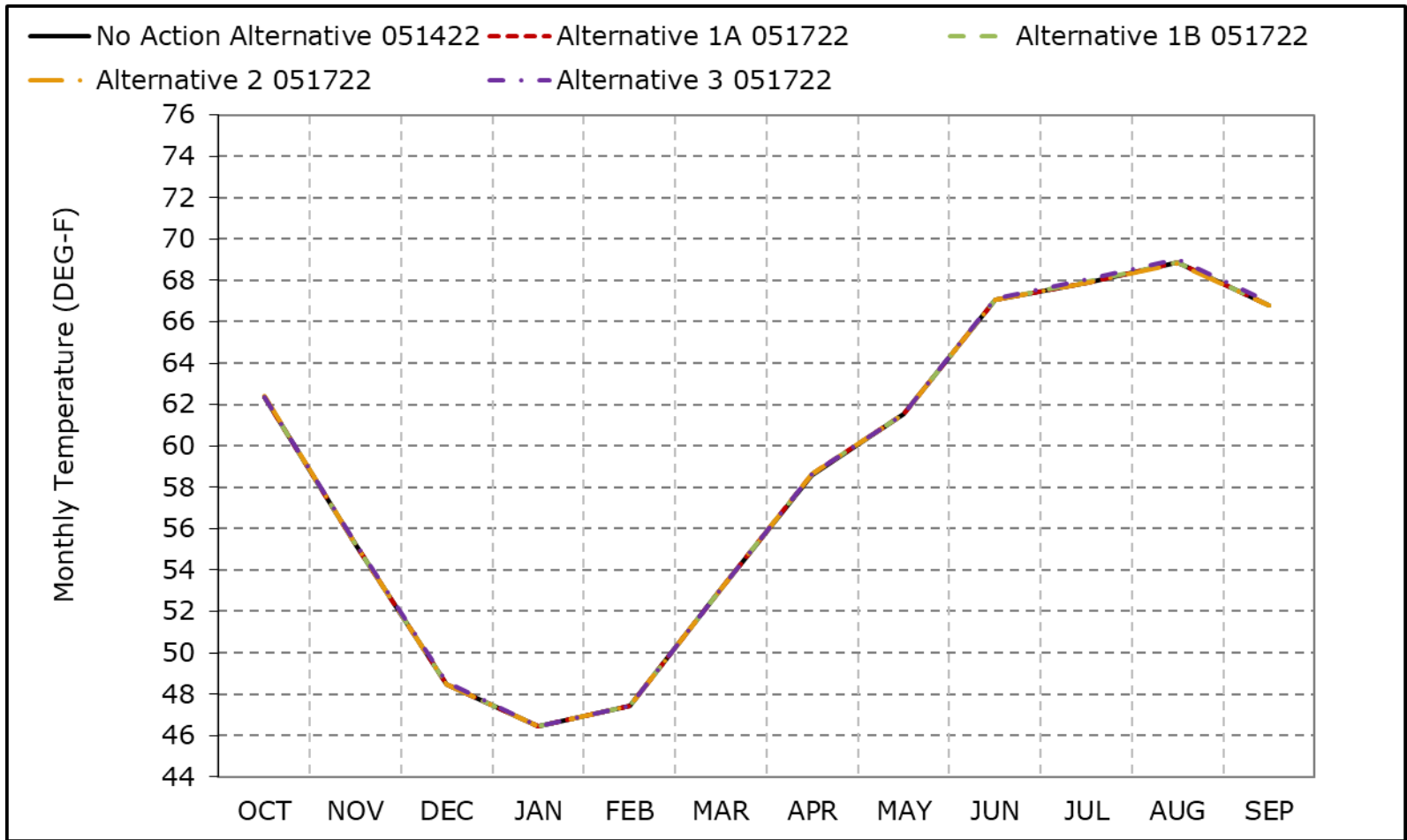
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
 *These results are displayed with calendar year - year type sorting.
 *All scenarios are simulated at current climate and 0 cm sea level rise.

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

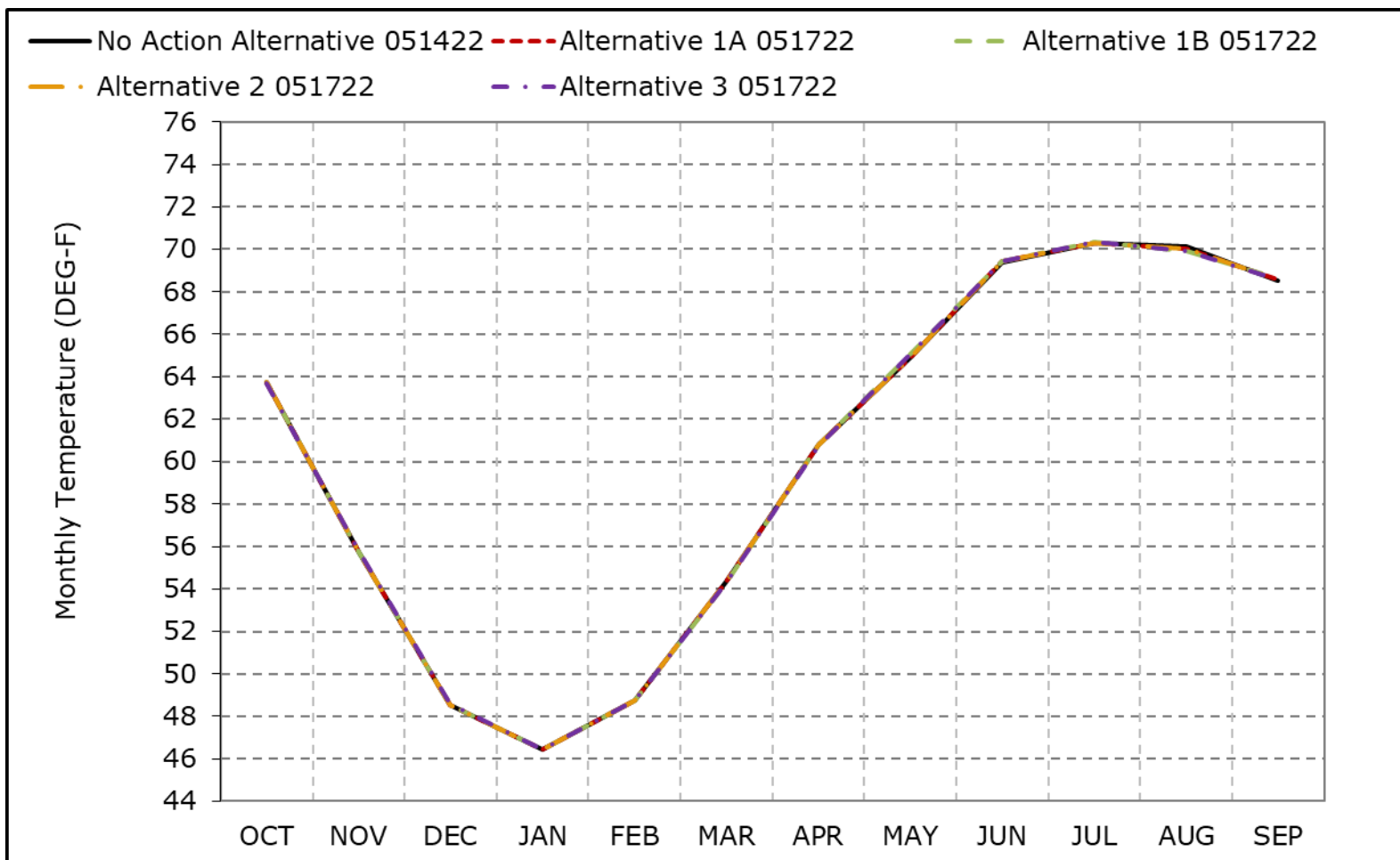


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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

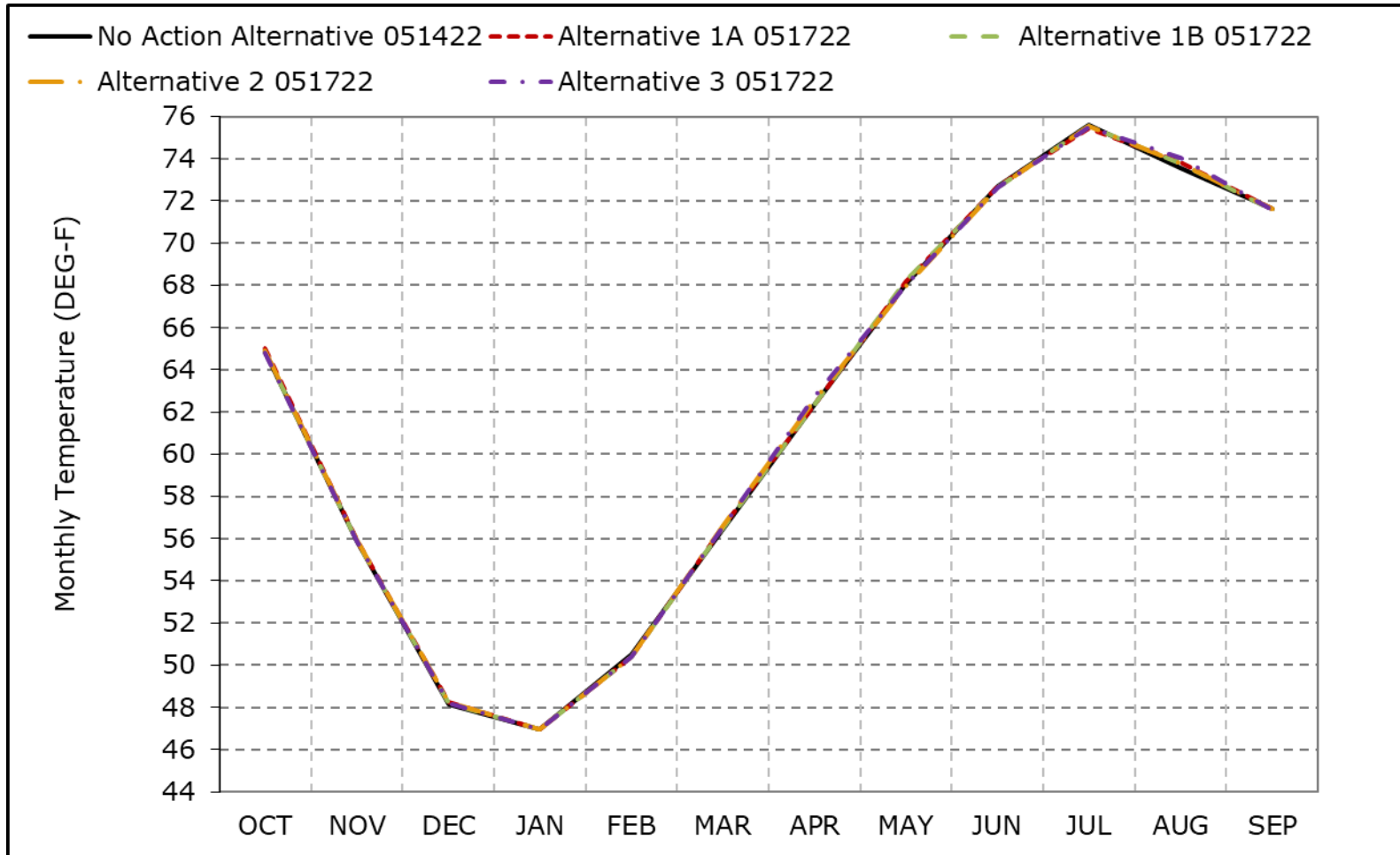


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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

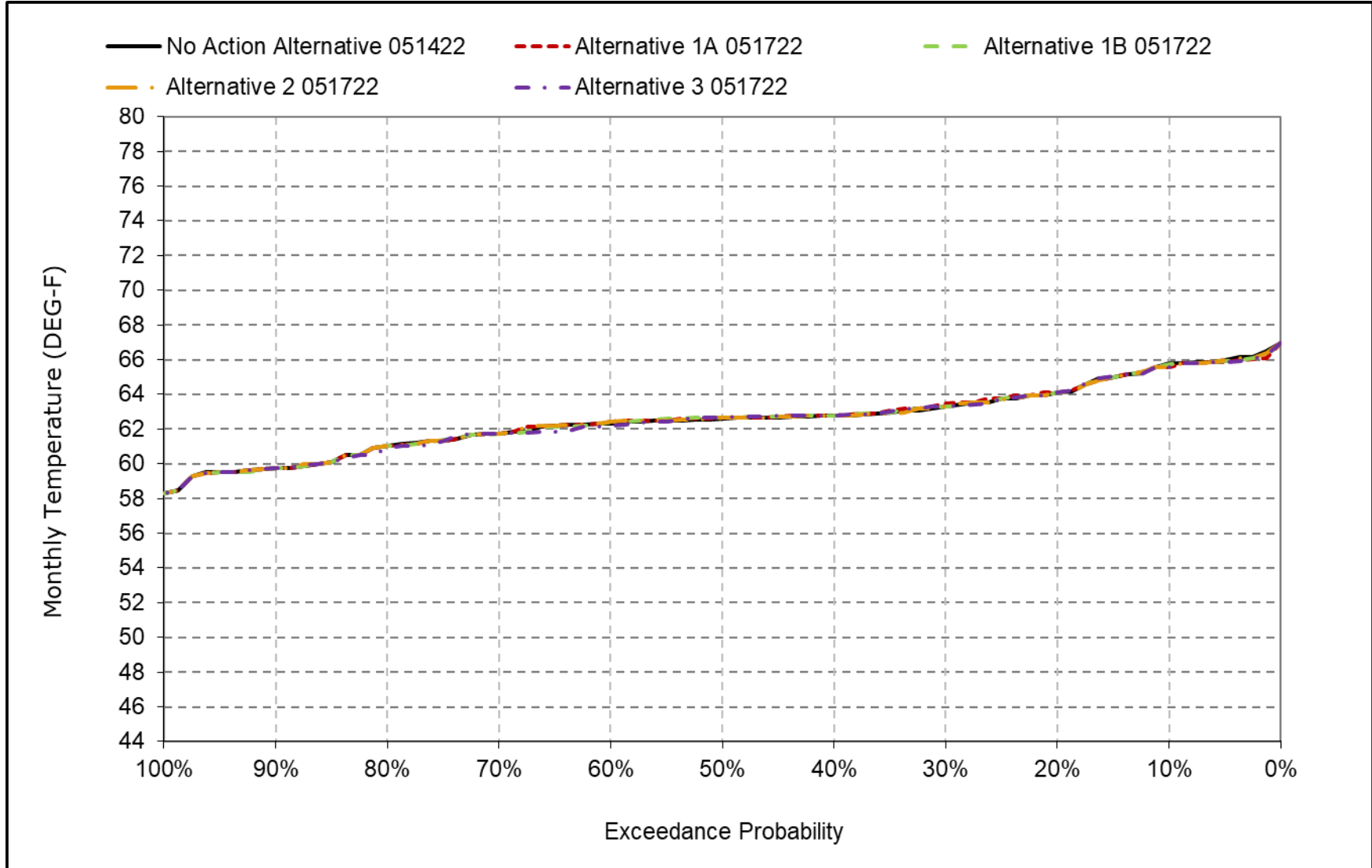


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

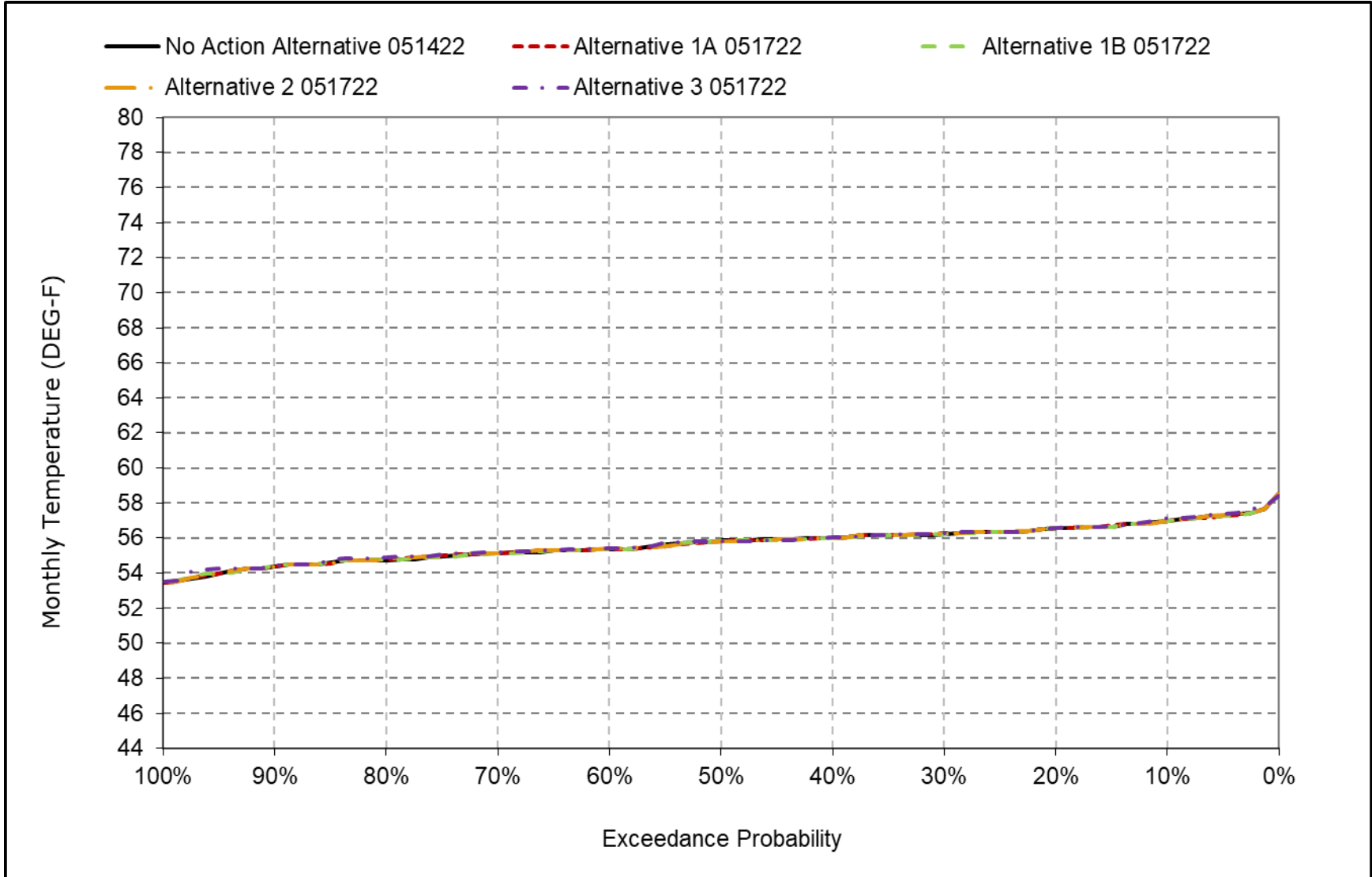
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-15-7. American River at the Mouth, October



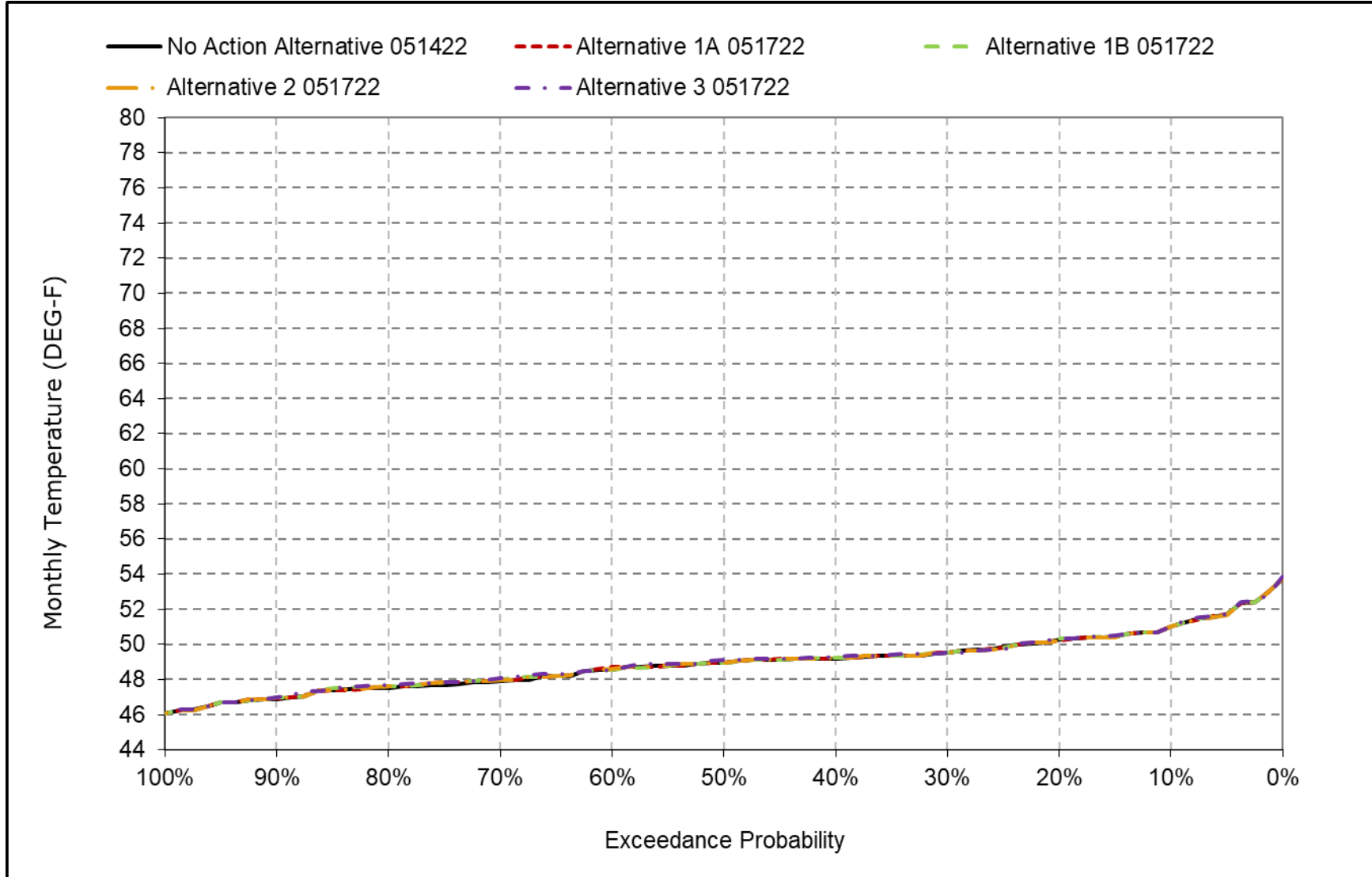
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-15-8. American River at the Mouth, November



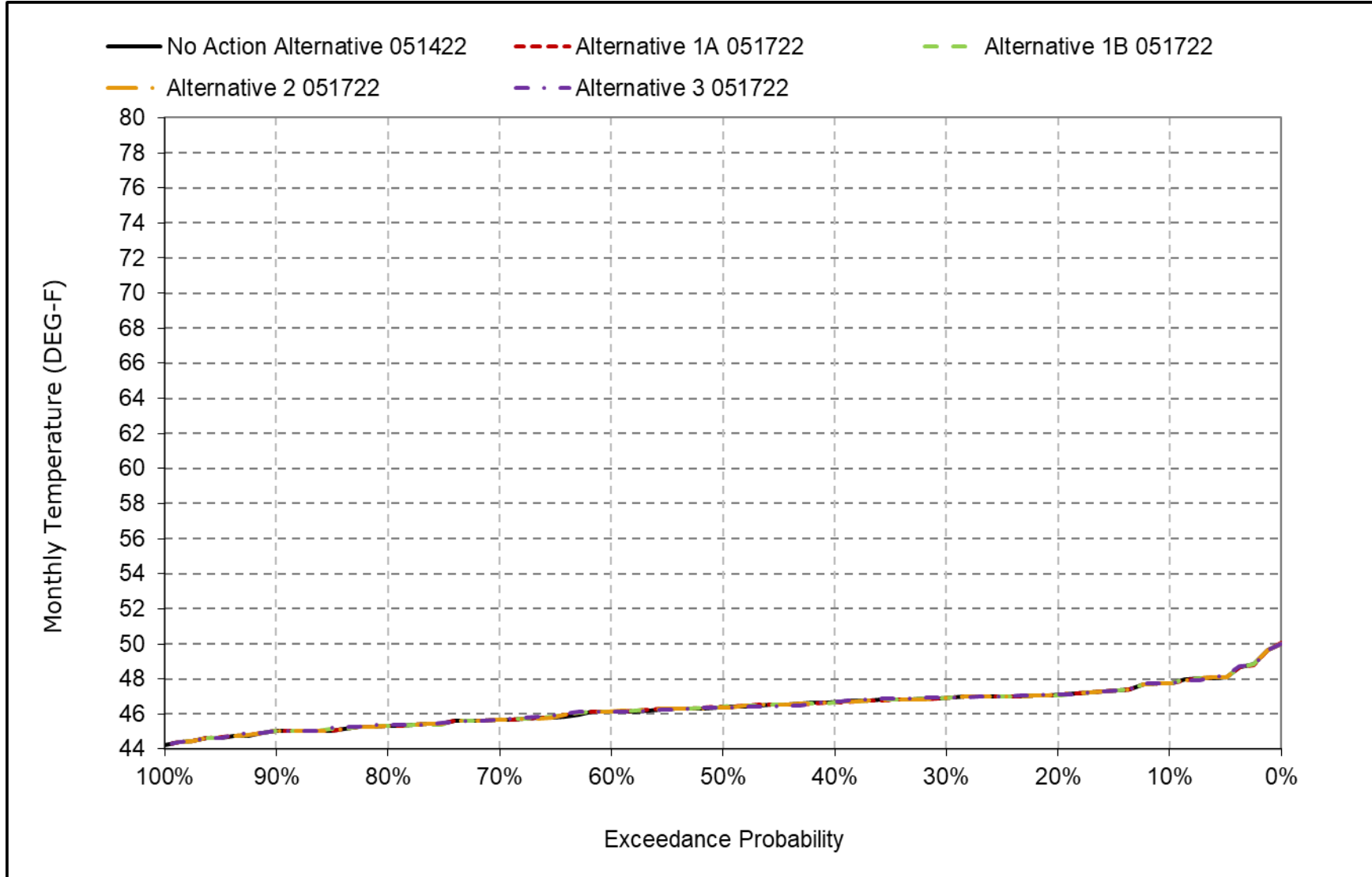
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-15-9. American River at the Mouth, December



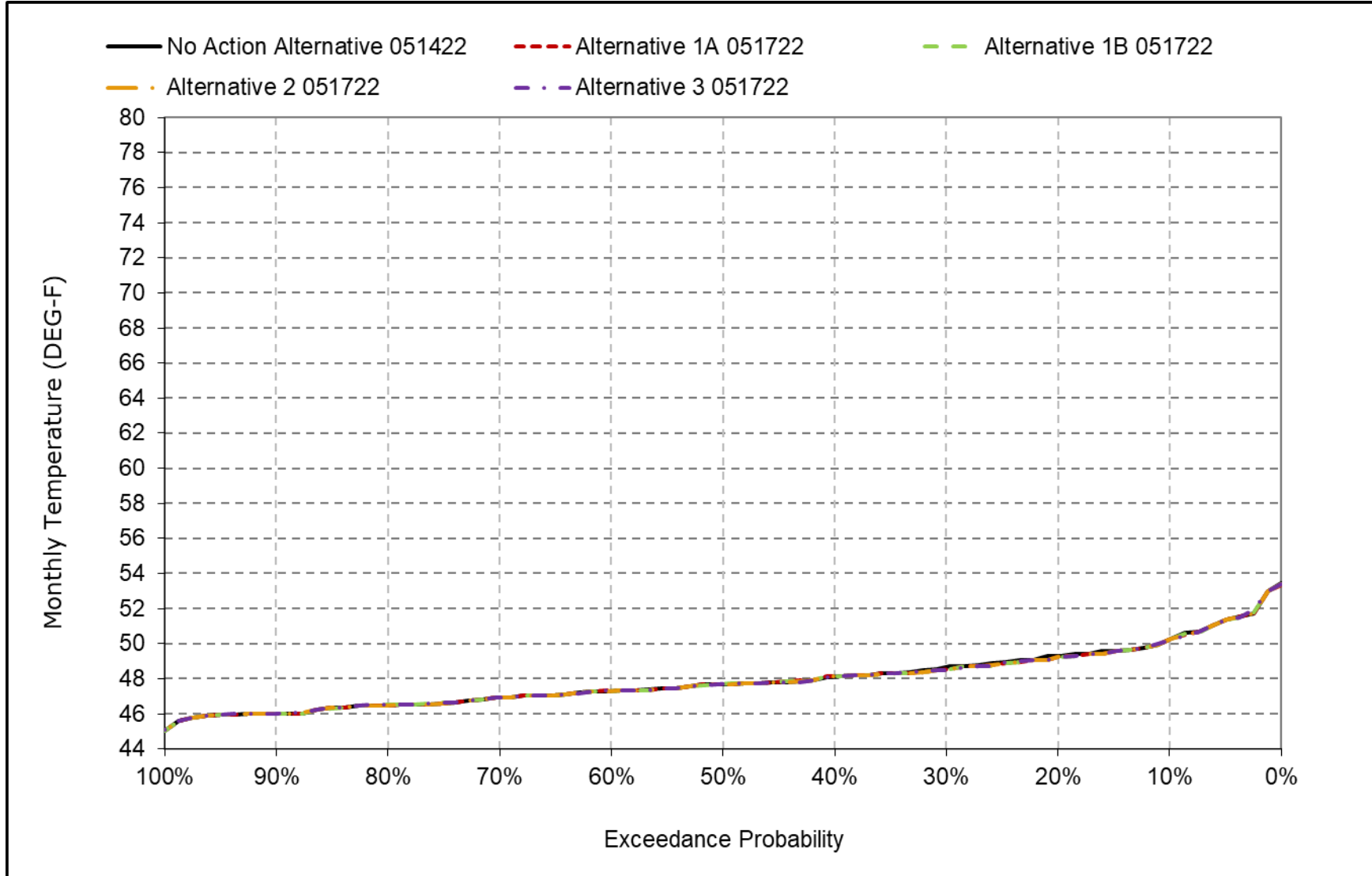
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-15-10. American River at the Mouth, January



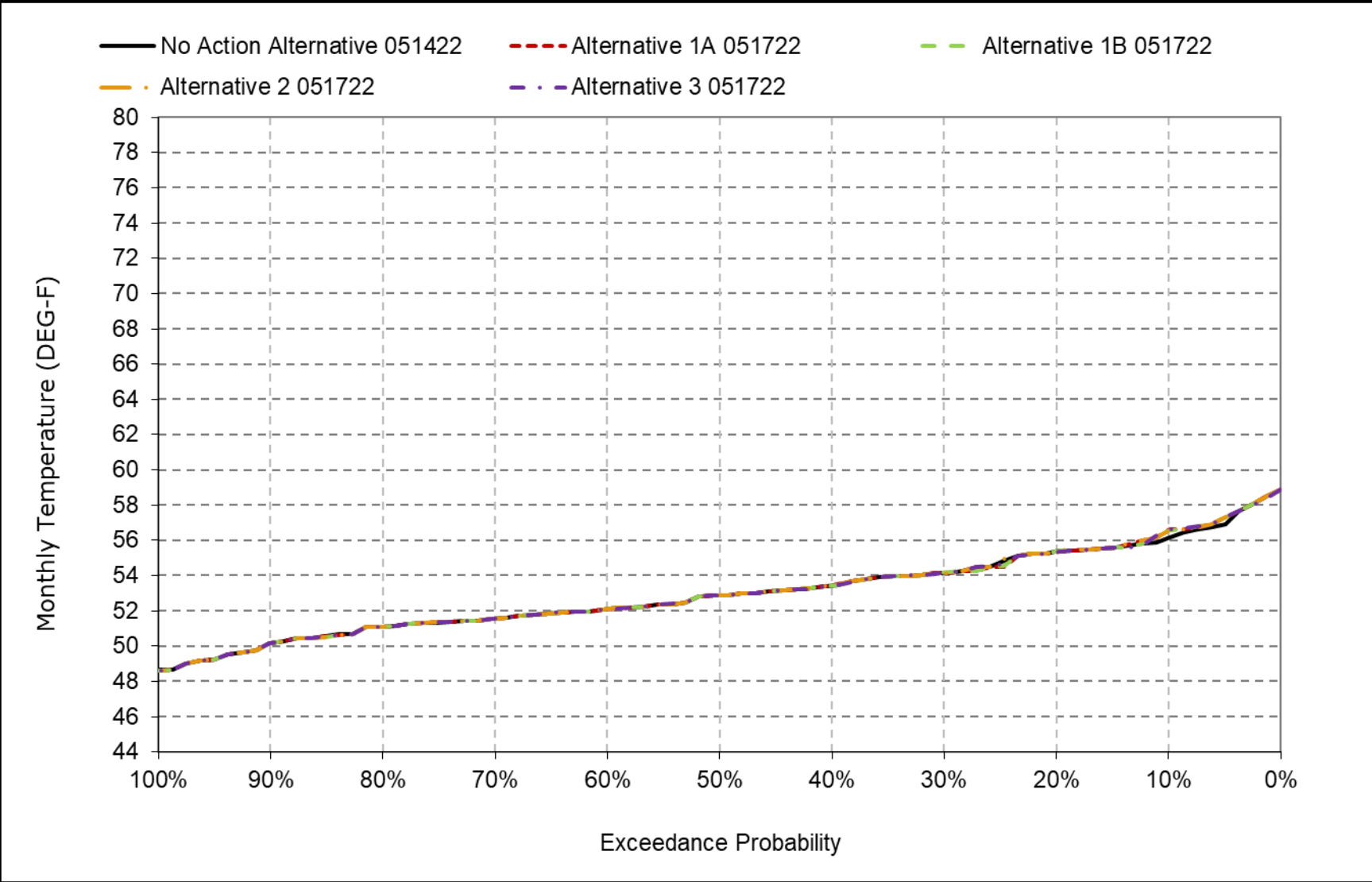
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-15-11. American River at the Mouth, February



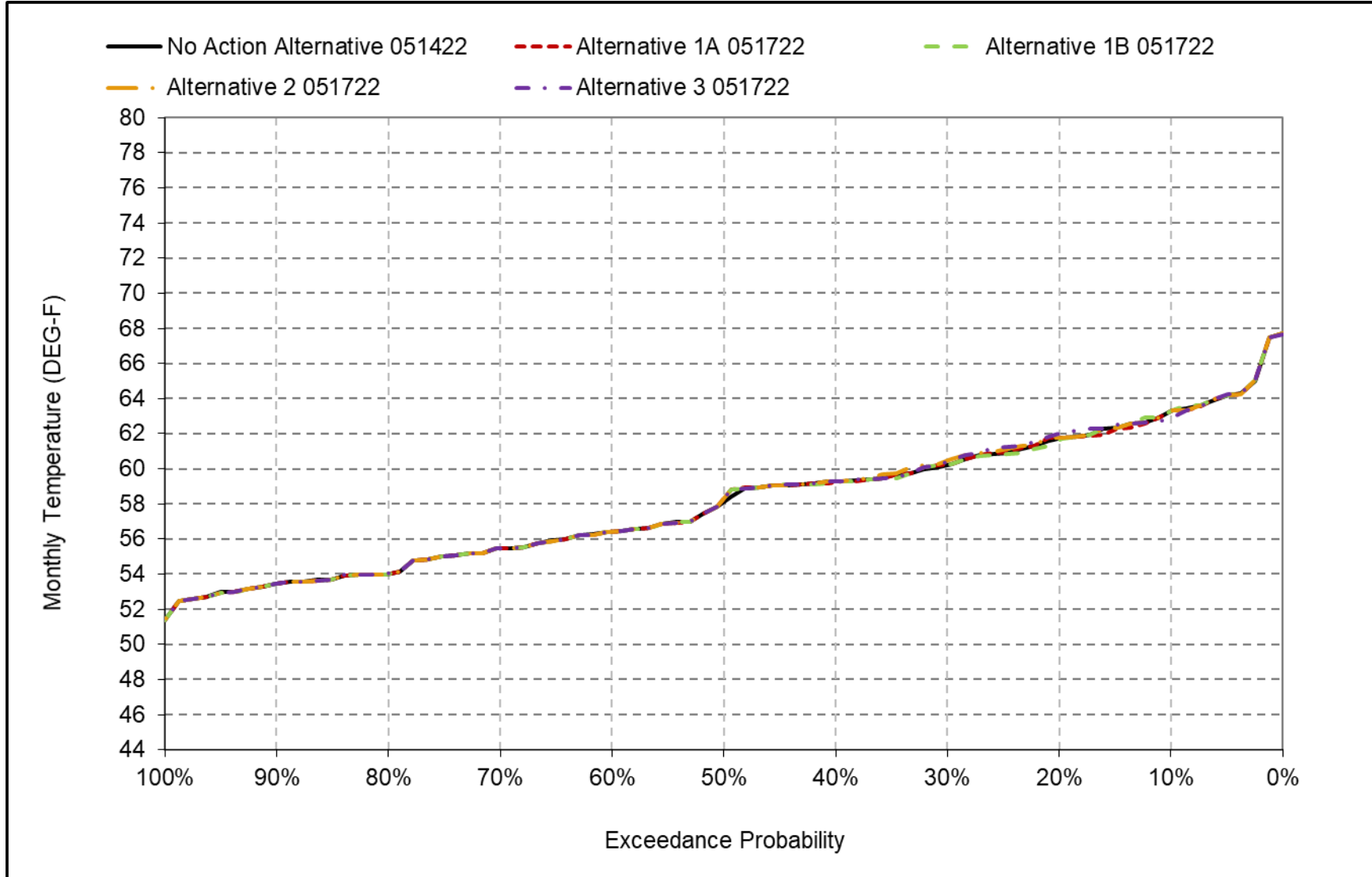
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-15-12. American River at the Mouth, March



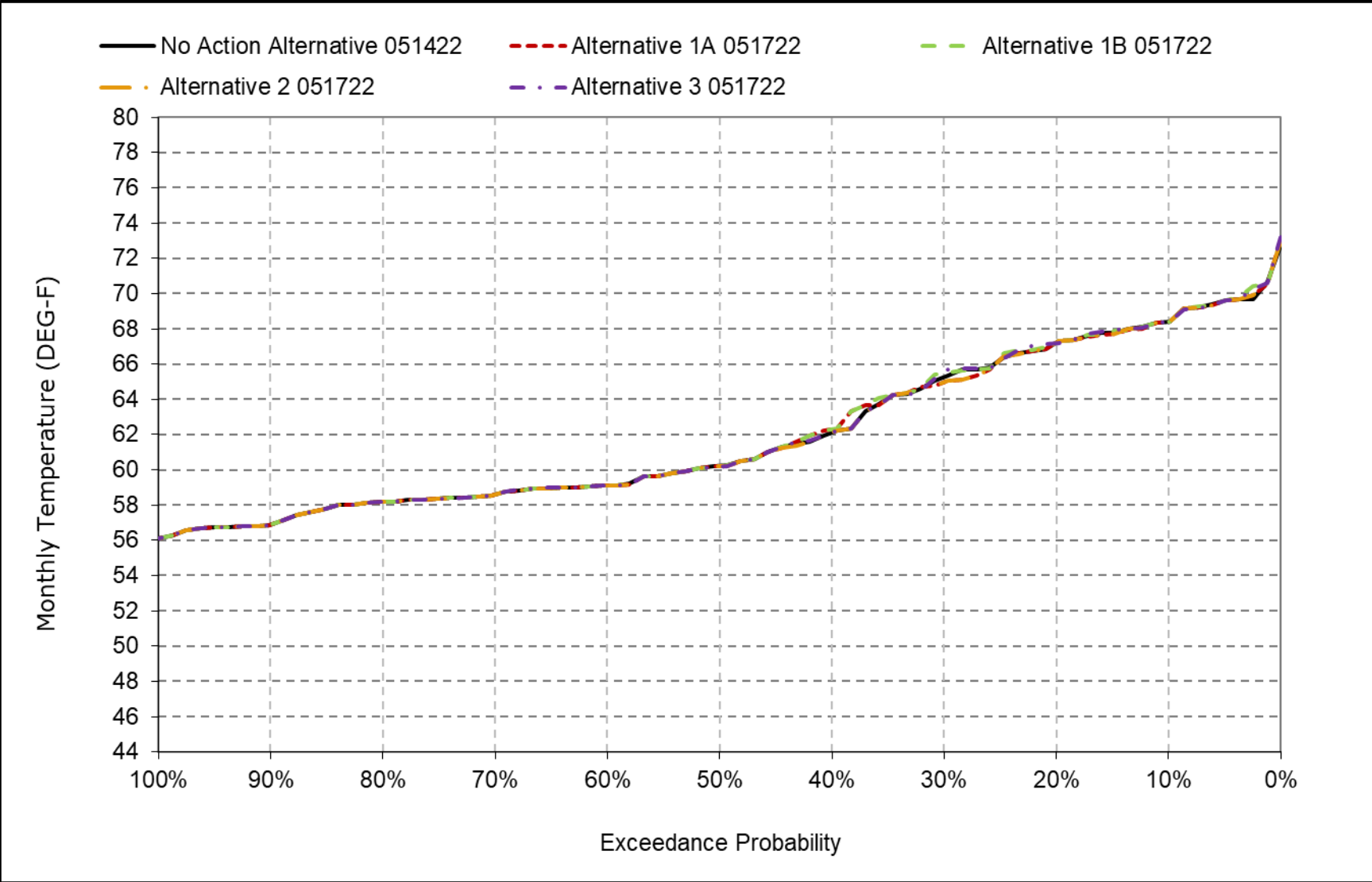
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-15-13. American River at the Mouth, April



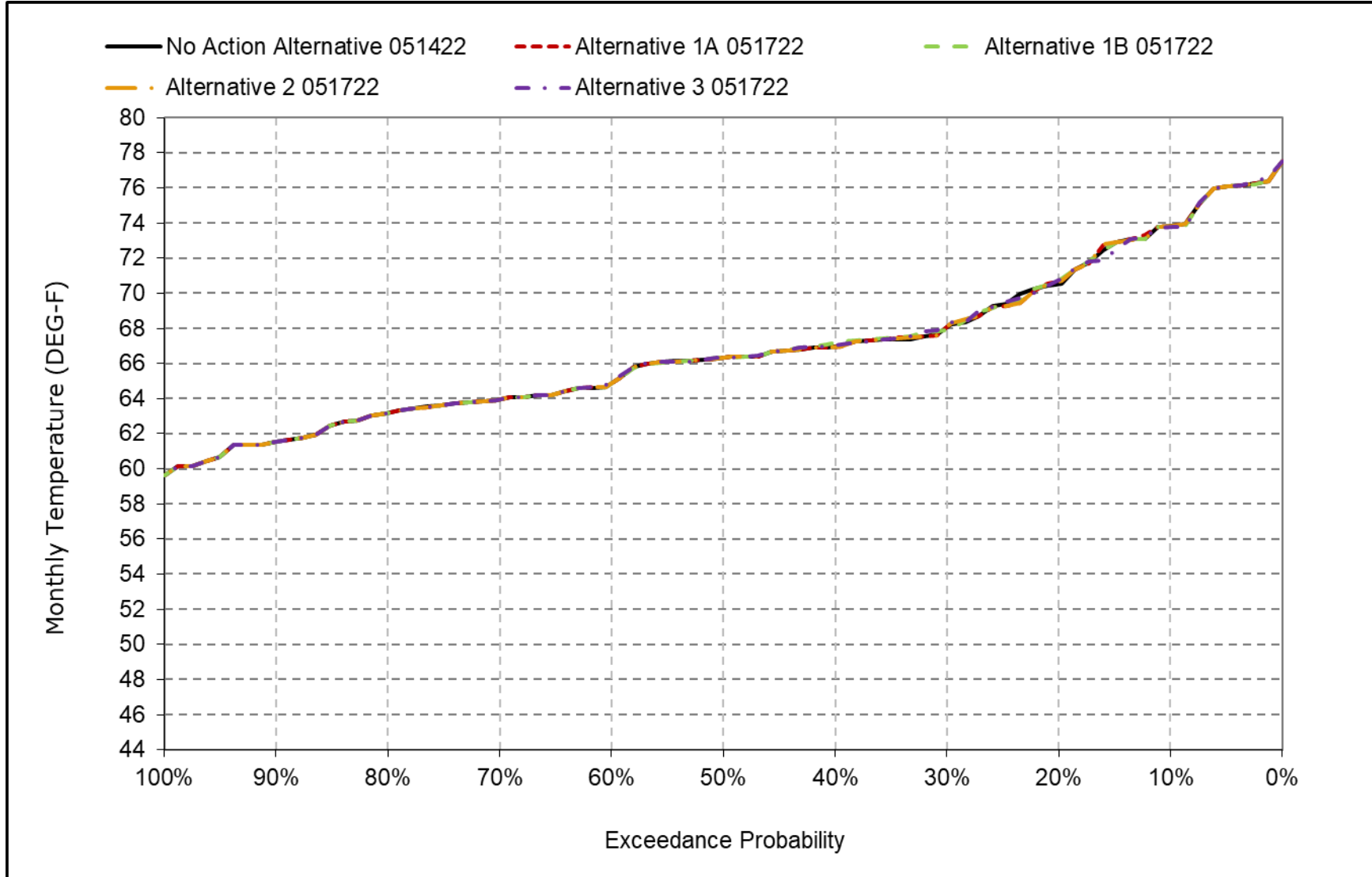
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-15-14. American River at the Mouth, May



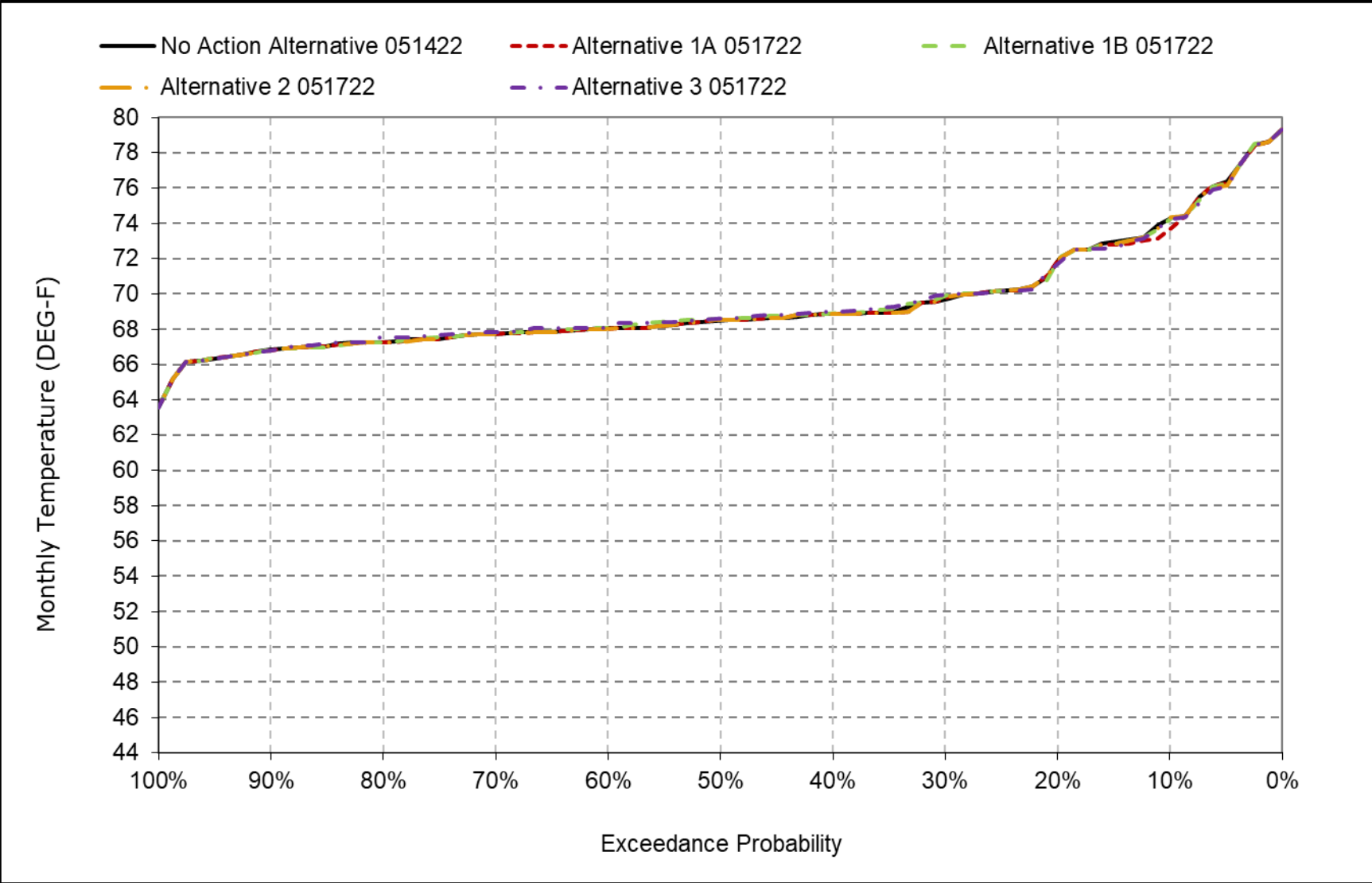
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-15-15. American River at the Mouth, June



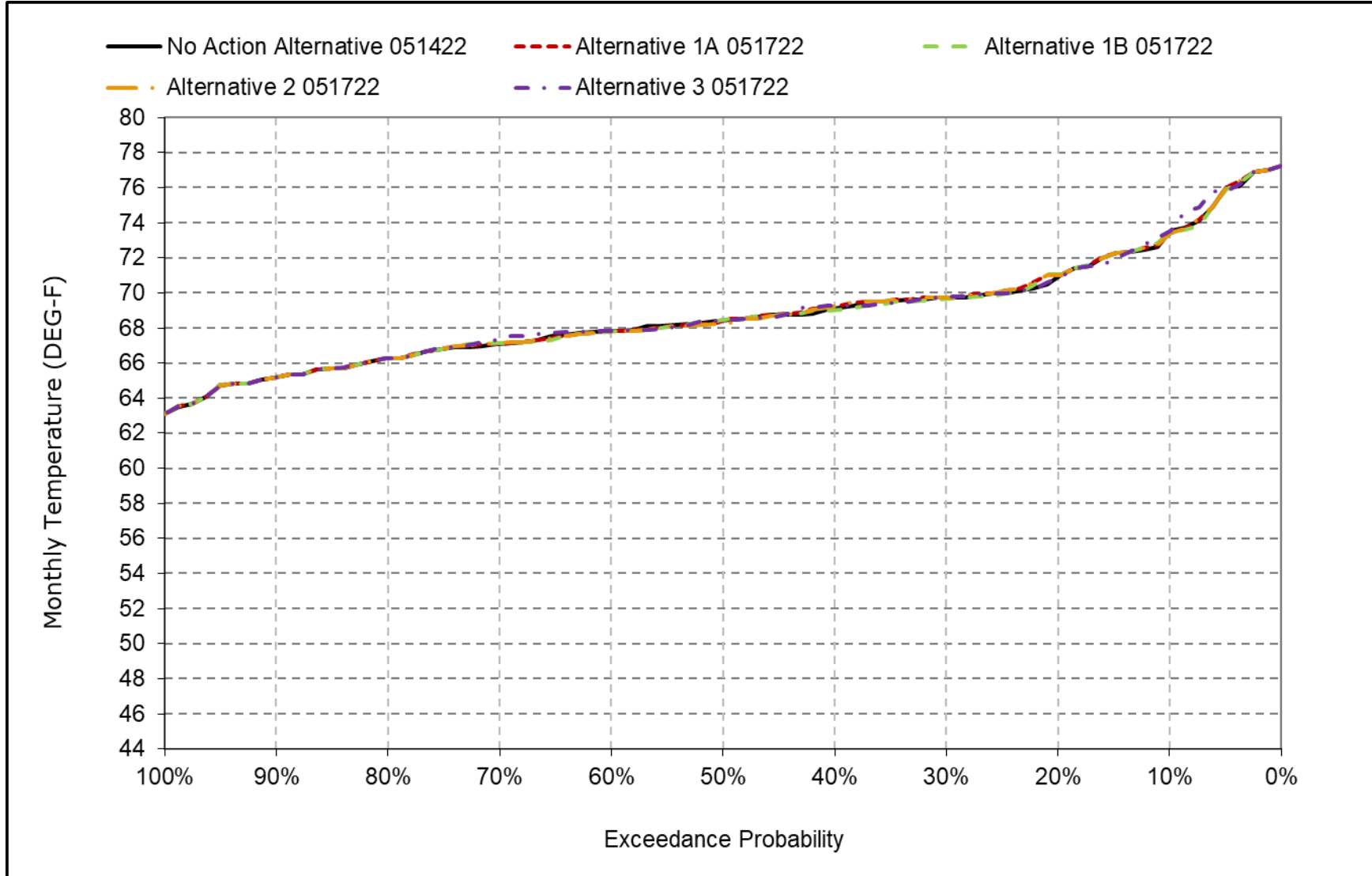
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 6C-15-16. American River at the Mouth, July



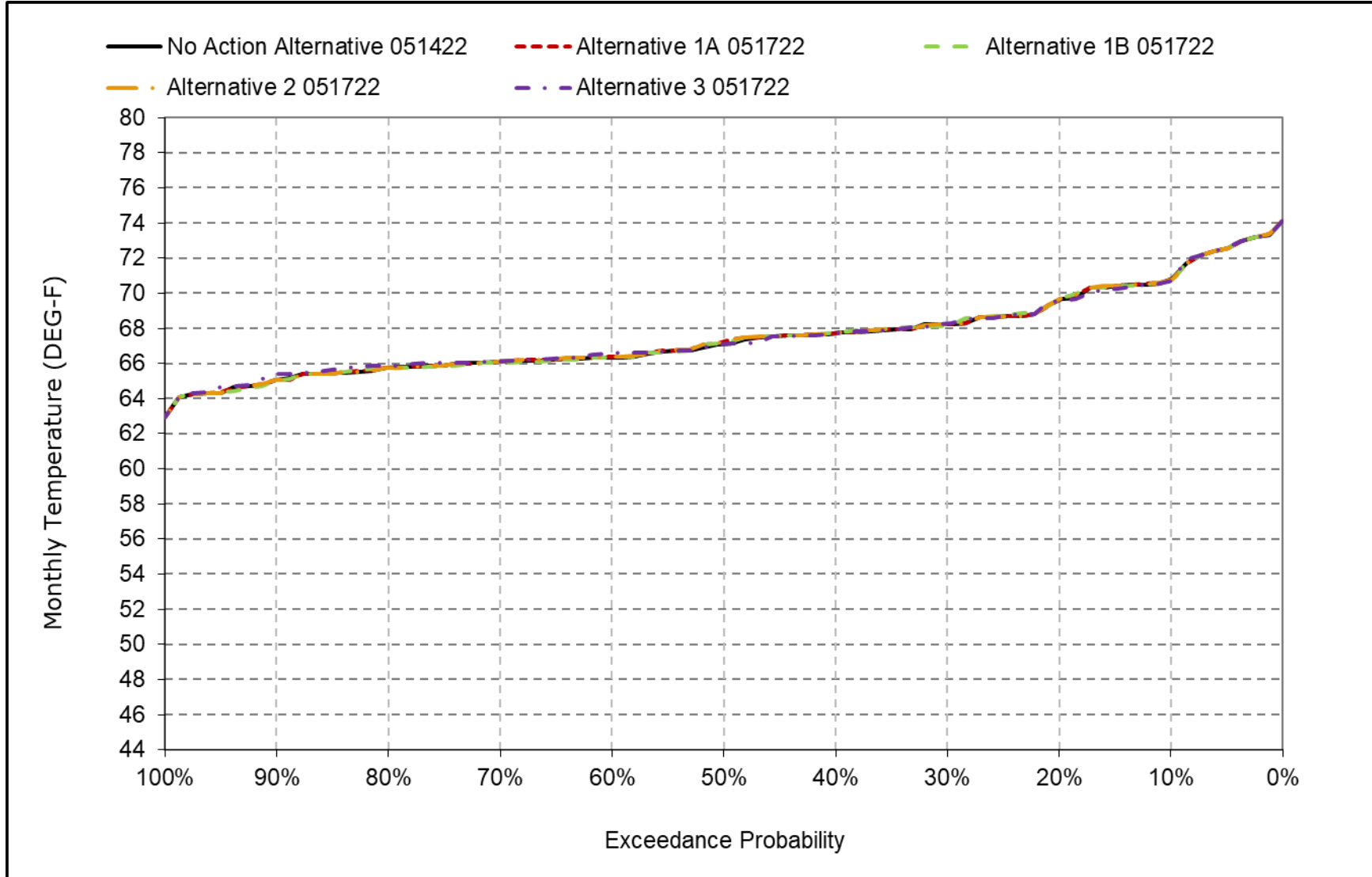
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	54.6	53.8	51.4	49.6	50.3	52.0	52.7	56.4	58.2	62.0	61.6	57.6
20% Exceedance	53.8	52.7	50.4	48.6	49.6	51.4	52.2	56.1	58.1	61.7	61.4	56.7
30% Exceedance	53.6	52.5	49.9	48.3	49.2	50.8	51.8	55.9	57.8	61.3	61.1	56.2
40% Exceedance	53.4	52.3	49.4	48.0	48.8	50.2	51.7	55.8	57.6	61.1	60.9	55.8
50% Exceedance	53.3	52.2	49.1	47.6	48.4	49.6	51.5	55.5	57.5	61.0	60.4	55.5
60% Exceedance	53.2	52.1	48.8	47.4	48.0	49.2	51.3	55.2	57.3	60.9	60.0	55.0
70% Exceedance	53.1	52.0	48.7	47.1	47.5	48.6	50.9	54.9	57.2	60.8	59.9	54.7
80% Exceedance	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% Exceedance	52.8	51.9	48.2	46.3	46.6	47.8	50.0	54.2	56.8	60.6	59.6	54.3
Full Simulation Period Average^a	53.9	52.7	49.5	47.8	48.4	49.9	51.5	55.4	57.5	61.2	60.6	55.9
Wet Water Years (32%)	53.0	52.2	49.2	47.8	47.9	48.5	50.5	54.8	57.3	61.4	60.6	54.7
Above Normal Water Years (15%)	53.0	52.0	49.2	47.6	48.1	49.4	51.5	55.7	57.8	60.9	59.9	54.4
Below Normal Water Years (17%)	53.5	52.3	49.3	47.6	48.3	50.4	52.1	55.8	57.9	60.9	59.8	56.1
Dry Water Years (22%)	53.6	52.8	49.9	47.7	48.8	51.0	52.1	55.6	57.4	61.0	61.3	56.5
Critical Water Years (15%)	57.4	54.7	49.9	48.0	49.5	51.2	51.7	55.7	57.4	61.5	61.4	58.9

Table 6C-16-1b. Feather River Low Flow Channel, Alternative 1A 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	54.3	53.6	51.3	49.7	50.3	52.2	52.7	56.3	58.3	62.1	61.6	57.6
20% Exceedance	53.6	52.7	50.4	48.7	49.7	51.4	52.2	56.1	58.1	61.7	61.4	56.7
30% Exceedance	53.5	52.5	50.0	48.3	49.2	50.8	51.8	55.9	57.9	61.3	61.1	56.1
40% Exceedance	53.4	52.3	49.4	48.0	48.8	50.2	51.7	55.8	57.7	61.1	60.8	55.8
50% Exceedance	53.3	52.2	49.1	47.6	48.4	49.7	51.5	55.6	57.6	61.0	60.4	55.4
60% Exceedance	53.1	52.1	48.8	47.4	47.9	49.1	51.3	55.2	57.4	60.9	60.0	55.0
70% Exceedance	53.1	52.0	48.7	47.1	47.5	48.6	50.9	54.9	57.2	60.8	59.9	54.7
80% Exceedance	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% Exceedance	52.8	51.9	48.2	46.3	46.6	47.8	50.0	54.2	56.9	60.6	59.6	54.3
Full Simulation Period Average^a	53.8	52.7	49.5	47.8	48.4	49.9	51.4	55.4	57.6	61.2	60.6	55.9
Wet Water Years (32%)	53.0	52.2	49.2	47.8	47.9	48.5	50.5	54.8	57.3	61.4	60.6	54.7
Above Normal Water Years (15%)	53.0	52.0	49.2	47.6	48.1	49.4	51.5	55.7	57.8	60.9	59.9	54.4
Below Normal Water Years (17%)	53.5	52.3	49.3	47.7	48.3	50.5	52.1	55.8	57.9	60.9	59.8	56.0
Dry Water Years (22%)	53.4	52.8	49.9	47.7	48.8	51.0	52.1	55.6	57.6	61.1	61.2	56.4
Critical Water Years (15%)	57.3	54.7	50.0	48.0	49.5	51.2	51.7	55.7	57.6	61.5	61.1	58.9

Table 6C-16-1c. Feather River Low Flow Channel, Alternative 1A 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-0.3	-0.2	-0.1	0.1	0.0	0.2	0.0	-0.1	0.1	0.1	0.0	0.0
20% Exceedance	-0.2	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30% Exceedance	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1
40% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0
50% Exceedance	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	-0.1
60% Exceedance	-0.1	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.1	0.0	0.0	0.0
70% Exceedance	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% Exceedance	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% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Full Simulation Period Average^a	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0
Wet Water Years (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 Water Years (15%)	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0
Below Normal Water Years (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Dry Water Years (22%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-0.1	-0.1
Critical Water Years (15%)	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-0.3	0.0

^a Based on the 82-year simulation period.

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

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

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

Table 6C-16-2a. Feather River Low Flow Channel, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	54.6	53.8	51.4	49.6	50.3	52.0	52.7	56.4	58.2	62.0	61.6	57.6
20% Exceedance	53.8	52.7	50.4	48.6	49.6	51.4	52.2	56.1	58.1	61.7	61.4	56.7
30% Exceedance	53.6	52.5	49.9	48.3	49.2	50.8	51.8	55.9	57.8	61.3	61.1	56.2
40% Exceedance	53.4	52.3	49.4	48.0	48.8	50.2	51.7	55.8	57.6	61.1	60.9	55.8
50% Exceedance	53.3	52.2	49.1	47.6	48.4	49.6	51.5	55.5	57.5	61.0	60.4	55.5
60% Exceedance	53.2	52.1	48.8	47.4	48.0	49.2	51.3	55.2	57.3	60.9	60.0	55.0
70% Exceedance	53.1	52.0	48.7	47.1	47.5	48.6	50.9	54.9	57.2	60.8	59.9	54.7
80% Exceedance	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% Exceedance	52.8	51.9	48.2	46.3	46.6	47.8	50.0	54.2	56.8	60.6	59.6	54.3
Full Simulation Period Average^a	53.9	52.7	49.5	47.8	48.4	49.9	51.5	55.4	57.5	61.2	60.6	55.9
Wet Water Years (32%)	53.0	52.2	49.2	47.8	47.9	48.5	50.5	54.8	57.3	61.4	60.6	54.7
Above Normal Water Years (15%)	53.0	52.0	49.2	47.6	48.1	49.4	51.5	55.7	57.8	60.9	59.9	54.4
Below Normal Water Years (17%)	53.5	52.3	49.3	47.6	48.3	50.4	52.1	55.8	57.9	60.9	59.8	56.1
Dry Water Years (22%)	53.6	52.8	49.9	47.7	48.8	51.0	52.1	55.6	57.4	61.0	61.3	56.5
Critical Water Years (15%)	57.4	54.7	49.9	48.0	49.5	51.2	51.7	55.7	57.4	61.5	61.4	58.9

Table 6C-16-2b. Feather River Low Flow Channel, Alternative 1B 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	54.3	53.7	51.3	49.7	50.3	52.2	52.7	56.3	58.3	62.0	61.6	57.4
20% Exceedance	53.7	52.6	50.4	48.8	49.7	51.4	52.2	56.1	58.1	61.7	61.4	56.7
30% Exceedance	53.6	52.5	50.0	48.3	49.2	50.8	51.8	55.9	57.9	61.3	61.1	56.2
40% Exceedance	53.4	52.3	49.4	48.0	48.8	50.2	51.7	55.8	57.7	61.1	60.7	55.8
50% Exceedance	53.3	52.2	49.1	47.6	48.4	49.7	51.5	55.6	57.6	61.0	60.4	55.3
60% Exceedance	53.1	52.1	48.9	47.4	47.9	49.1	51.3	55.2	57.4	60.9	60.0	54.9
70% Exceedance	53.1	52.0	48.7	47.1	47.5	48.6	50.9	54.9	57.2	60.8	59.9	54.7
80% Exceedance	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% Exceedance	52.8	51.9	48.2	46.3	46.6	47.8	50.0	54.2	56.9	60.6	59.6	54.3
Full Simulation Period Average^a	53.8	52.7	49.5	47.8	48.4	49.9	51.4	55.4	57.6	61.2	60.5	55.9
Wet Water Years (32%)	53.0	52.2	49.2	47.8	47.9	48.5	50.5	54.8	57.3	61.4	60.6	54.7
Above Normal Water Years (15%)	53.0	52.0	49.2	47.7	48.1	49.5	51.5	55.7	57.8	60.9	59.9	54.4
Below Normal Water Years (17%)	53.5	52.3	49.3	47.7	48.3	50.5	52.1	55.8	57.9	60.9	59.8	55.9
Dry Water Years (22%)	53.4	52.7	49.9	47.7	48.8	51.0	52.1	55.6	57.6	61.1	61.2	56.4
Critical Water Years (15%)	57.4	54.8	50.0	48.0	49.5	51.3	51.7	55.7	57.6	61.5	61.0	58.9

Table 6C-16-2c. Feather River Low Flow Channel, Alternative 1B 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-0.3	-0.1	-0.1	0.1	0.0	0.2	0.0	-0.1	0.1	0.0	0.0	-0.2
20% Exceedance	-0.1	-0.1	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30% Exceedance	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
40% Exceedance	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	-0.2	0.0
50% Exceedance	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	-0.2
60% Exceedance	-0.1	0.0	0.1	0.0	-0.1	-0.1	0.0	0.0	0.1	0.0	0.0	-0.1
70% Exceedance	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% Exceedance	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% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0
Wet Water Years (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 Water Years (15%)	0.0	0.0	0.0	0.1	0.0	0.1	-0.1	0.0	0.0	0.0	0.0	0.0
Below Normal Water Years (17%)	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Dry Water Years (22%)	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-0.1	-0.1
Critical Water Years (15%)	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.2	0.0	-0.4	0.0

^a Based on the 82-year simulation period.

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

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

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

Table 6C-16-3a. Feather River Low Flow Channel, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	54.6	53.8	51.4	49.6	50.3	52.0	52.7	56.4	58.2	62.0	61.6	57.6
20% Exceedance	53.8	52.7	50.4	48.6	49.6	51.4	52.2	56.1	58.1	61.7	61.4	56.7
30% Exceedance	53.6	52.5	49.9	48.3	49.2	50.8	51.8	55.9	57.8	61.3	61.1	56.2
40% Exceedance	53.4	52.3	49.4	48.0	48.8	50.2	51.7	55.8	57.6	61.1	60.9	55.8
50% Exceedance	53.3	52.2	49.1	47.6	48.4	49.6	51.5	55.5	57.5	61.0	60.4	55.5
60% Exceedance	53.2	52.1	48.8	47.4	48.0	49.2	51.3	55.2	57.3	60.9	60.0	55.0
70% Exceedance	53.1	52.0	48.7	47.1	47.5	48.6	50.9	54.9	57.2	60.8	59.9	54.7
80% Exceedance	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% Exceedance	52.8	51.9	48.2	46.3	46.6	47.8	50.0	54.2	56.8	60.6	59.6	54.3
Full Simulation Period Average^a	53.9	52.7	49.5	47.8	48.4	49.9	51.5	55.4	57.5	61.2	60.6	55.9
Wet Water Years (32%)	53.0	52.2	49.2	47.8	47.9	48.5	50.5	54.8	57.3	61.4	60.6	54.7
Above Normal Water Years (15%)	53.0	52.0	49.2	47.6	48.1	49.4	51.5	55.7	57.8	60.9	59.9	54.4
Below Normal Water Years (17%)	53.5	52.3	49.3	47.6	48.3	50.4	52.1	55.8	57.9	60.9	59.8	56.1
Dry Water Years (22%)	53.6	52.8	49.9	47.7	48.8	51.0	52.1	55.6	57.4	61.0	61.3	56.5
Critical Water Years (15%)	57.4	54.7	49.9	48.0	49.5	51.2	51.7	55.7	57.4	61.5	61.4	58.9

Table 6C-16-3b. Feather River Low Flow Channel, Alternative 2 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	54.2	53.6	51.3	49.7	50.3	52.2	52.7	56.3	58.3	62.1	61.6	57.6
20% Exceedance	53.6	52.7	50.4	48.7	49.7	51.4	52.2	56.1	58.1	61.7	61.4	56.7
30% Exceedance	53.5	52.5	50.0	48.3	49.2	50.8	51.8	55.9	57.9	61.3	61.1	56.1
40% Exceedance	53.4	52.3	49.3	48.0	48.8	50.2	51.7	55.8	57.7	61.1	60.8	55.8
50% Exceedance	53.3	52.2	49.1	47.6	48.4	49.7	51.5	55.6	57.6	61.0	60.4	55.4
60% Exceedance	53.1	52.1	48.9	47.4	47.9	49.1	51.3	55.2	57.4	60.9	60.0	55.0
70% Exceedance	53.1	52.0	48.7	47.1	47.5	48.6	50.9	54.9	57.2	60.8	59.9	54.7
80% Exceedance	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% Exceedance	52.8	51.9	48.2	46.3	46.6	47.8	50.0	54.2	56.9	60.6	59.6	54.3
Full Simulation Period Average^a	53.8	52.7	49.5	47.8	48.4	49.9	51.4	55.4	57.6	61.2	60.6	55.9
Wet Water Years (32%)	53.0	52.2	49.2	47.8	47.9	48.5	50.5	54.8	57.3	61.4	60.6	54.7
Above Normal Water Years (15%)	53.0	52.0	49.2	47.7	48.1	49.4	51.5	55.7	57.8	60.9	59.9	54.4
Below Normal Water Years (17%)	53.5	52.3	49.3	47.7	48.3	50.5	52.1	55.8	57.9	60.9	59.8	56.0
Dry Water Years (22%)	53.4	52.8	49.9	47.7	48.8	51.0	52.1	55.6	57.6	61.1	61.2	56.5
Critical Water Years (15%)	57.4	54.7	49.9	48.0	49.5	51.2	51.7	55.7	57.6	61.4	61.1	58.9

Table 6C-16-3c. Feather River Low Flow Channel, Alternative 2 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-0.4	-0.2	-0.1	0.1	0.0	0.2	0.0	-0.1	0.1	0.1	0.0	0.0
20% Exceedance	-0.2	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30% Exceedance	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1
40% Exceedance	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.0	-0.1	0.0
50% Exceedance	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	-0.1
60% Exceedance	-0.1	0.0	0.1	0.0	-0.1	-0.1	0.0	0.0	0.1	0.0	0.0	0.0
70% Exceedance	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% Exceedance	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% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0
Wet Water Years (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 Water Years (15%)	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal Water Years (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Dry Water Years (22%)	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-0.1	-0.1
Critical Water Years (15%)	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2	-0.1	-0.3	0.0

^a Based on the 82-year simulation period.

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

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

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

Table 6C-16-4a. Feather River Low Flow Channel, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	54.6	53.8	51.4	49.6	50.3	52.0	52.7	56.4	58.2	62.0	61.6	57.6
20% Exceedance	53.8	52.7	50.4	48.6	49.6	51.4	52.2	56.1	58.1	61.7	61.4	56.7
30% Exceedance	53.6	52.5	49.9	48.3	49.2	50.8	51.8	55.9	57.8	61.3	61.1	56.2
40% Exceedance	53.4	52.3	49.4	48.0	48.8	50.2	51.7	55.8	57.6	61.1	60.9	55.8
50% Exceedance	53.3	52.2	49.1	47.6	48.4	49.6	51.5	55.5	57.5	61.0	60.4	55.5
60% Exceedance	53.2	52.1	48.8	47.4	48.0	49.2	51.3	55.2	57.3	60.9	60.0	55.0
70% Exceedance	53.1	52.0	48.7	47.1	47.5	48.6	50.9	54.9	57.2	60.8	59.9	54.7
80% Exceedance	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% Exceedance	52.8	51.9	48.2	46.3	46.6	47.8	50.0	54.2	56.8	60.6	59.6	54.3
Full Simulation Period Average^a	53.9	52.7	49.5	47.8	48.4	49.9	51.5	55.4	57.5	61.2	60.6	55.9
Wet Water Years (32%)	53.0	52.2	49.2	47.8	47.9	48.5	50.5	54.8	57.3	61.4	60.6	54.7
Above Normal Water Years (15%)	53.0	52.0	49.2	47.6	48.1	49.4	51.5	55.7	57.8	60.9	59.9	54.4
Below Normal Water Years (17%)	53.5	52.3	49.3	47.6	48.3	50.4	52.1	55.8	57.9	60.9	59.8	56.1
Dry Water Years (22%)	53.6	52.8	49.9	47.7	48.8	51.0	52.1	55.6	57.4	61.0	61.3	56.5
Critical Water Years (15%)	57.4	54.7	49.9	48.0	49.5	51.2	51.7	55.7	57.4	61.5	61.4	58.9

Table 6C-16-4b. Feather River Low Flow Channel, Alternative 3 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	54.3	53.8	51.4	49.6	50.2	52.2	52.7	56.4	58.3	62.1	61.6	57.4
20% Exceedance	53.7	52.7	50.4	48.8	49.6	51.4	52.2	56.1	58.1	61.7	61.3	56.6
30% Exceedance	53.6	52.5	49.9	48.3	49.2	50.8	51.8	55.9	57.9	61.3	61.1	56.1
40% Exceedance	53.4	52.3	49.3	48.0	48.7	50.2	51.7	55.8	57.7	61.2	60.7	55.9
50% Exceedance	53.3	52.2	49.0	47.6	48.4	49.7	51.5	55.5	57.5	61.0	60.4	55.4
60% Exceedance	53.1	52.1	48.8	47.4	48.0	49.2	51.3	55.2	57.4	60.9	60.0	54.9
70% Exceedance	53.1	52.0	48.7	47.1	47.5	48.6	50.9	54.9	57.2	60.8	59.9	54.7
80% Exceedance	52.9	52.0	48.5	46.8	47.1	48.3	50.6	54.5	57.1	60.7	59.7	54.4
90% Exceedance	52.8	51.9	48.2	46.3	46.6	47.8	50.0	54.2	56.9	60.6	59.6	54.3
Full Simulation Period Average^a	53.8	52.7	49.5	47.8	48.4	49.9	51.4	55.4	57.6	61.2	60.6	55.9
Wet Water Years (32%)	53.0	52.2	49.2	47.8	47.9	48.5	50.5	54.8	57.3	61.4	60.6	54.7
Above Normal Water Years (15%)	53.0	52.0	49.2	47.7	48.1	49.6	51.5	55.7	57.8	60.9	59.9	54.4
Below Normal Water Years (17%)	53.5	52.3	49.3	47.7	48.3	50.4	52.1	55.7	57.9	60.9	59.8	55.9
Dry Water Years (22%)	53.5	52.7	49.9	47.8	48.9	51.0	52.1	55.7	57.6	61.0	61.2	56.4
Critical Water Years (15%)	57.4	54.7	49.9	48.0	49.5	51.2	51.7	55.8	57.5	61.5	61.2	59.0

Table 6C-16-4c. Feather River Low Flow Channel, Alternative 3 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-0.3	0.0	0.0	0.0	-0.1	0.2	0.0	0.0	0.1	0.1	0.0	-0.2
20% Exceedance	-0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1
30% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1
40% Exceedance	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	0.1	-0.2	0.1
50% Exceedance	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.1
60% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1
70% Exceedance	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% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
90% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	-0.1
Wet Water Years (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 Water Years (15%)	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal Water Years (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2
Dry Water Years (22%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	-0.1
Critical Water Years (15%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.2	0.1

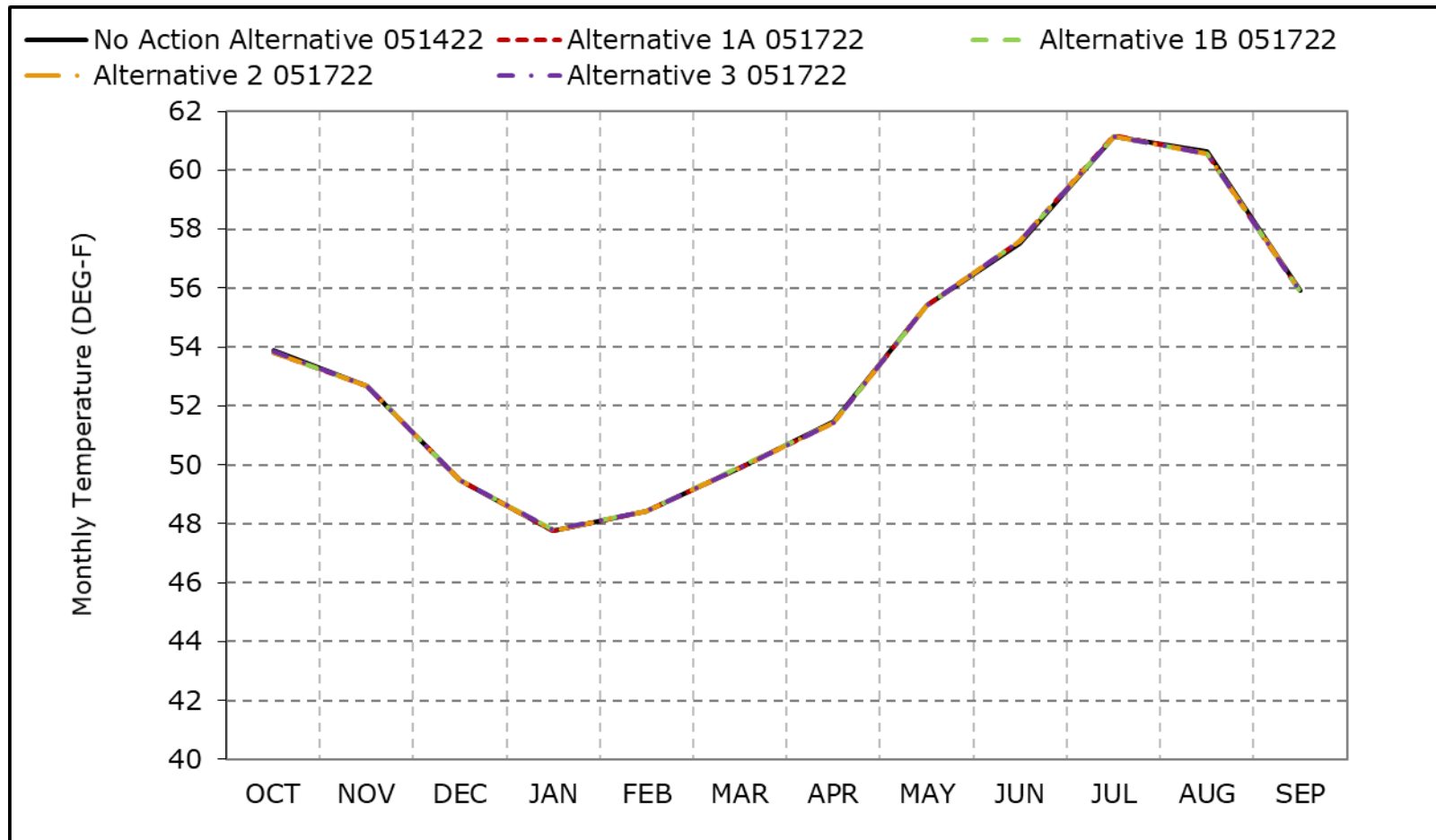
^a Based on the 82-year simulation period.

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

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

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

Figure 6C-16-1. Feather River Low Flow Channel, Long-Term Average Temperature

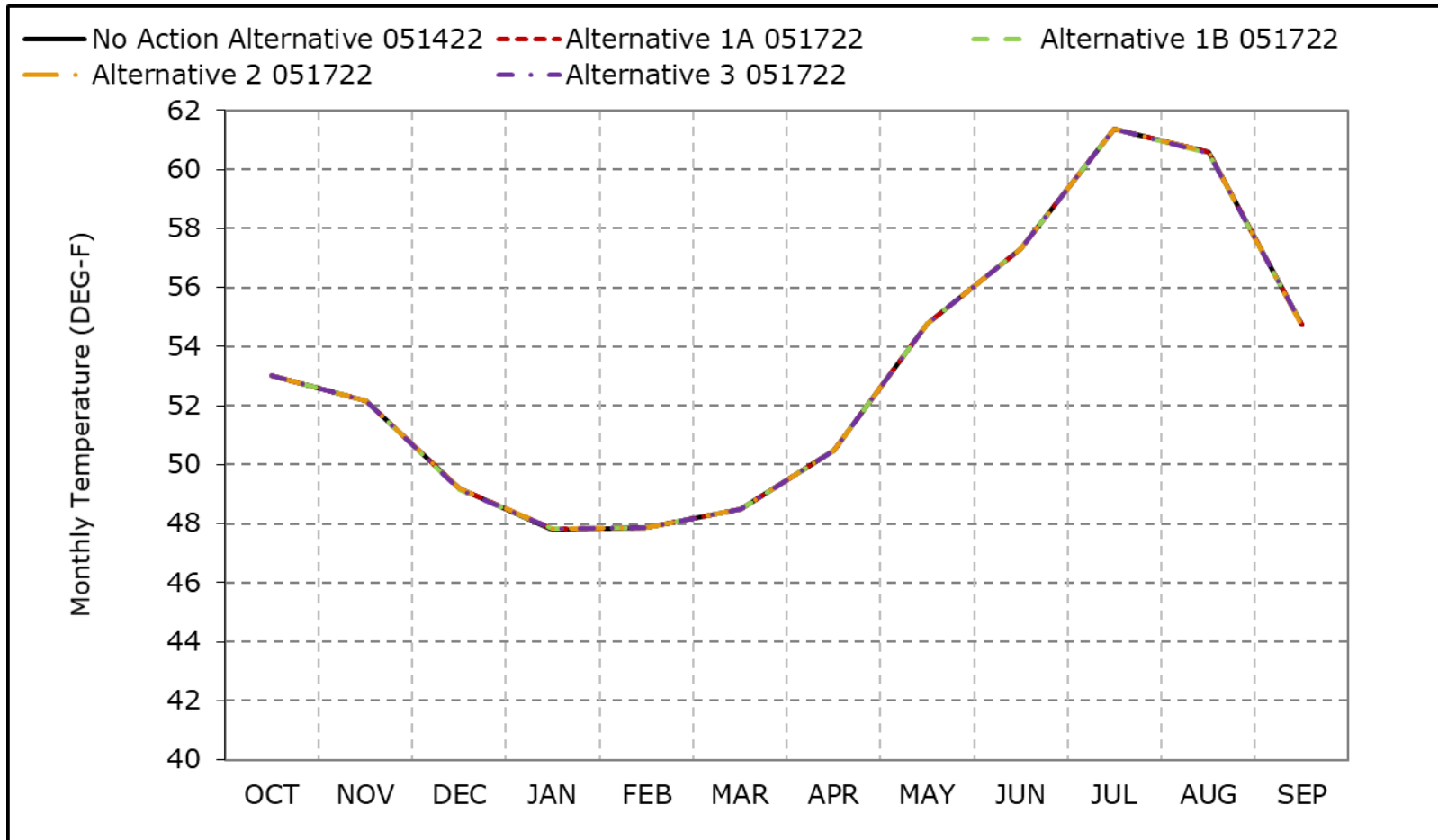


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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

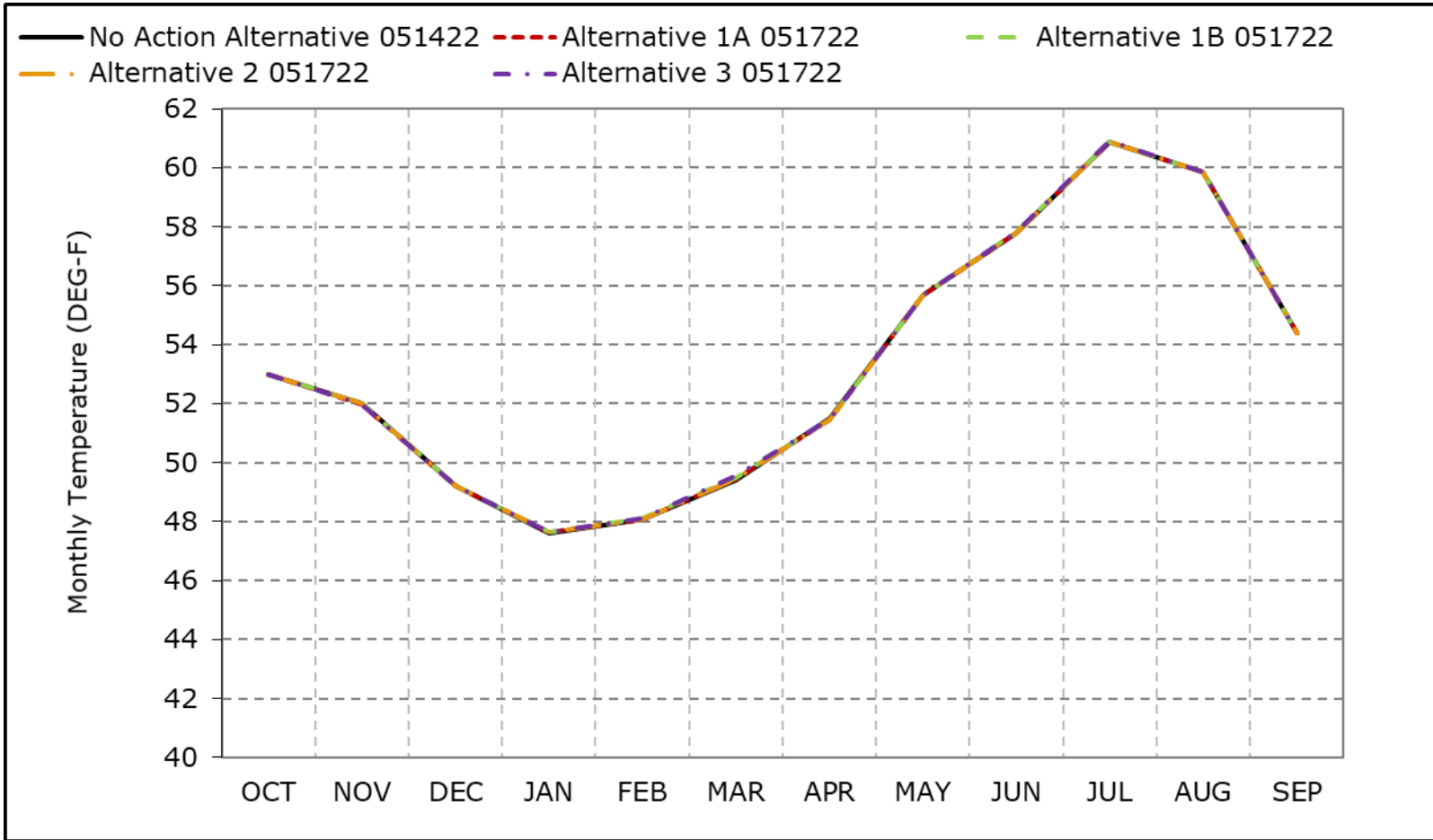


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

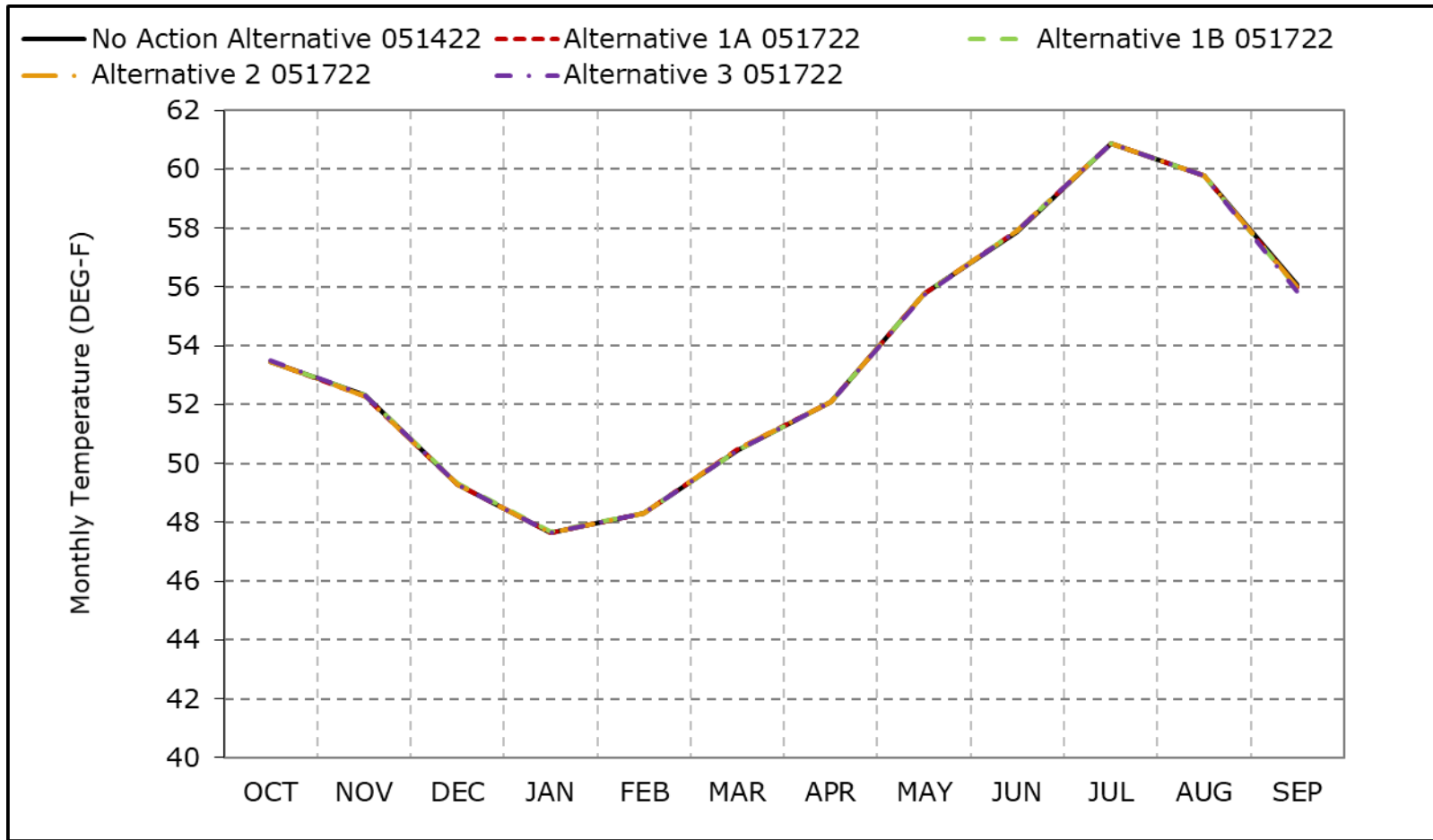
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-16-3. Feather River Low Flow Channel, Above Normal Year Average Temperature



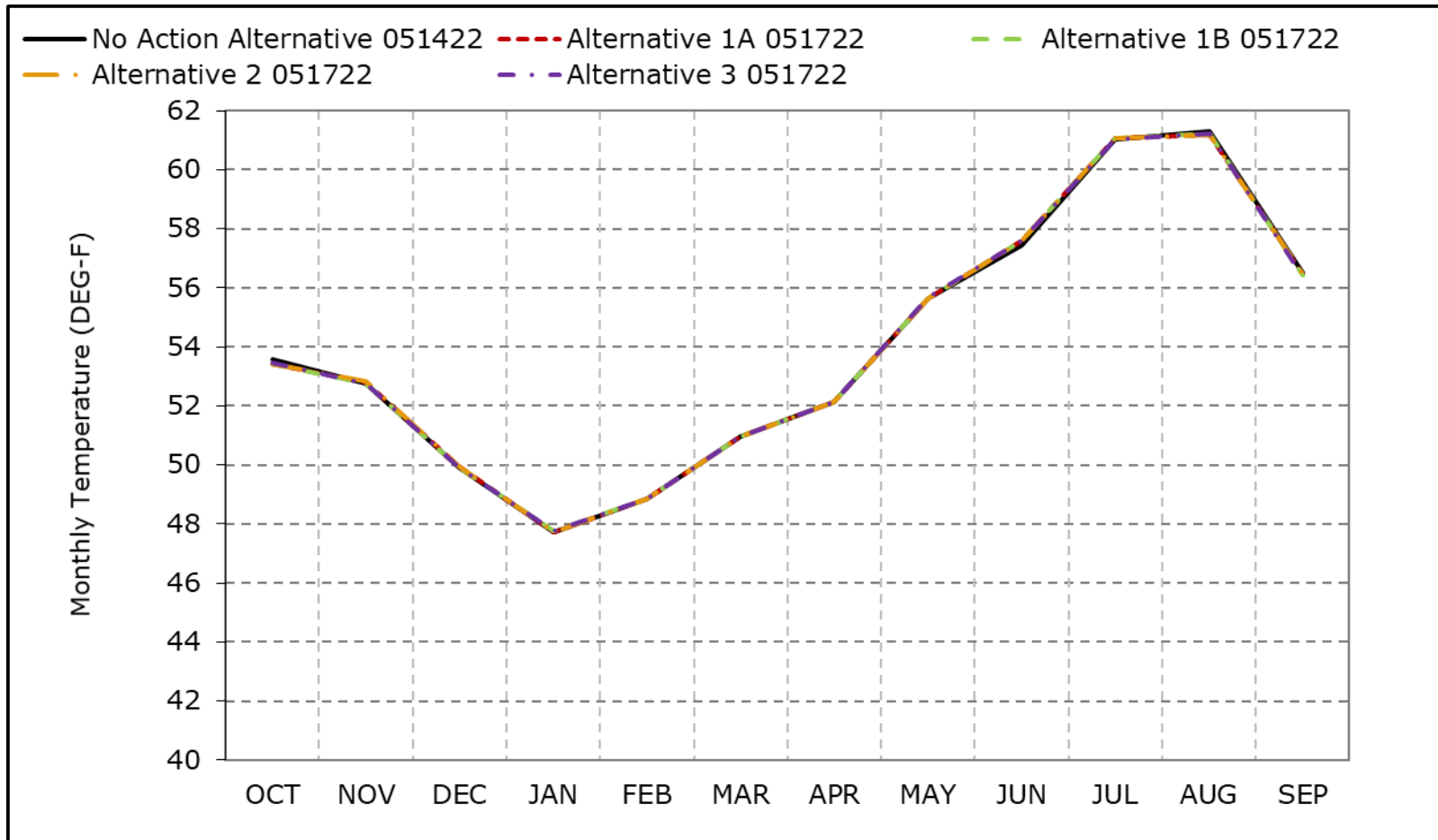
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
 *These results are displayed with calendar year - year type sorting.
 *All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-16-4. Feather River Low Flow Channel, 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-16-5. Feather River Low Flow Channel, Dry Year Average Temperature

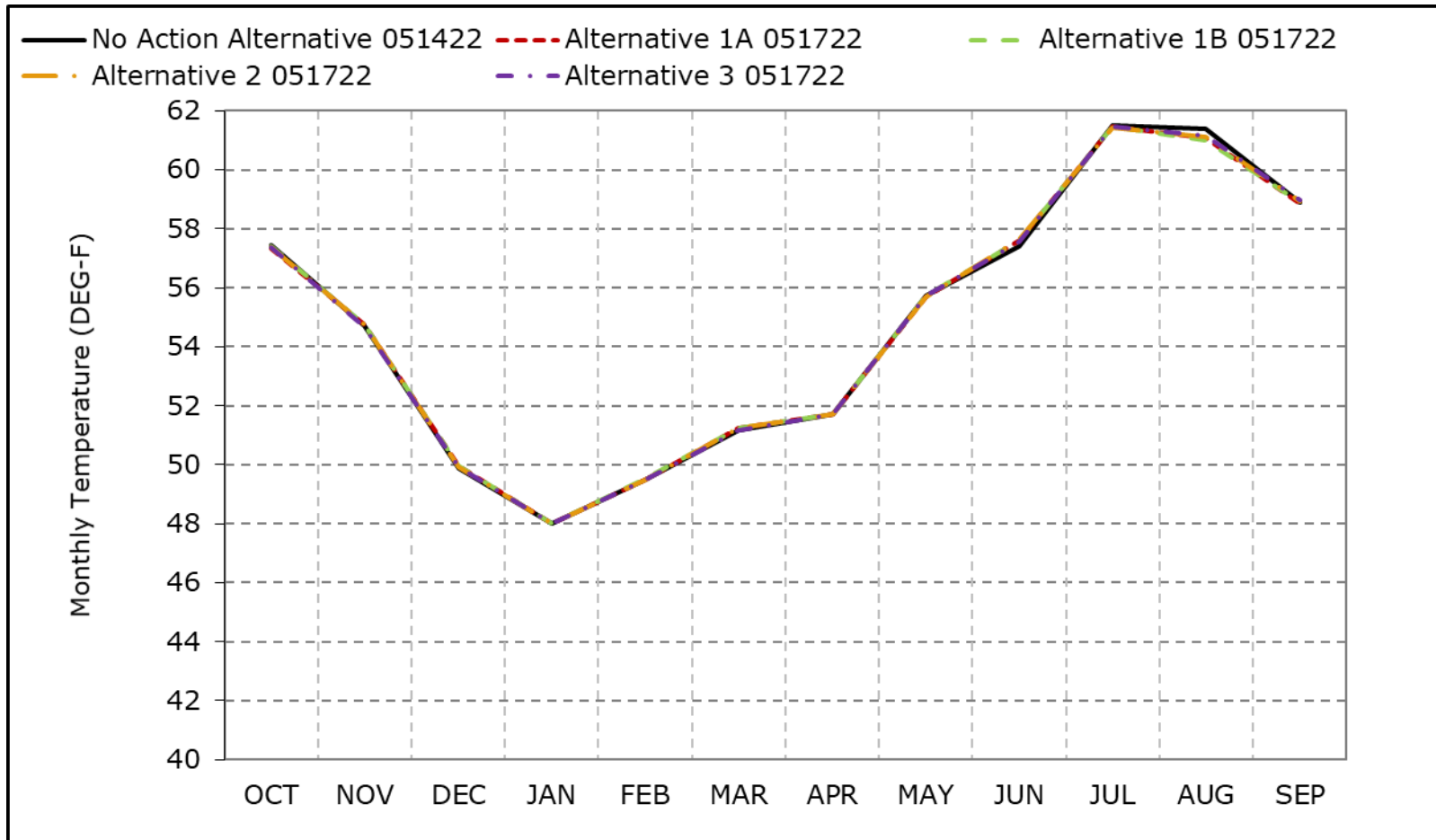


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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

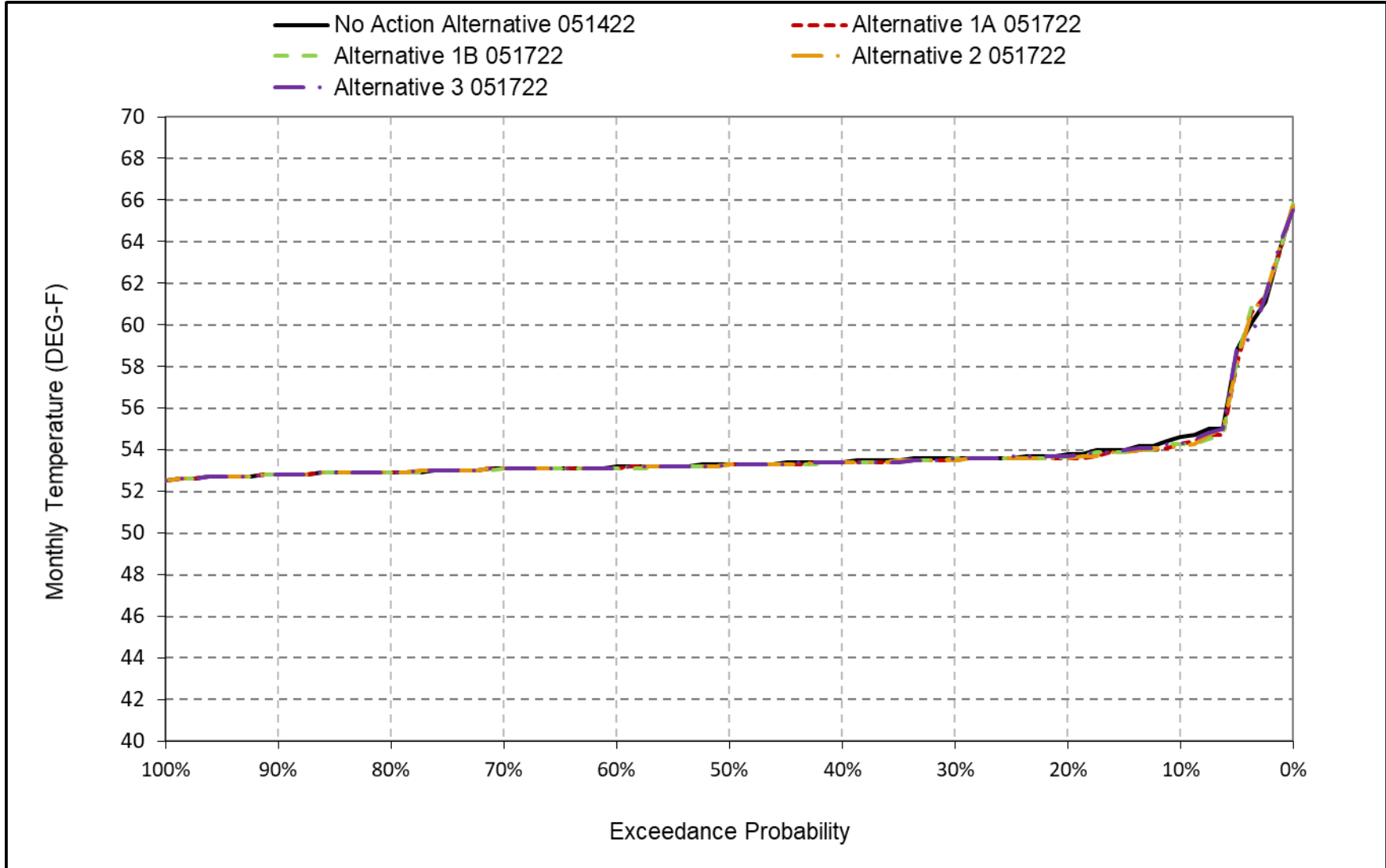


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

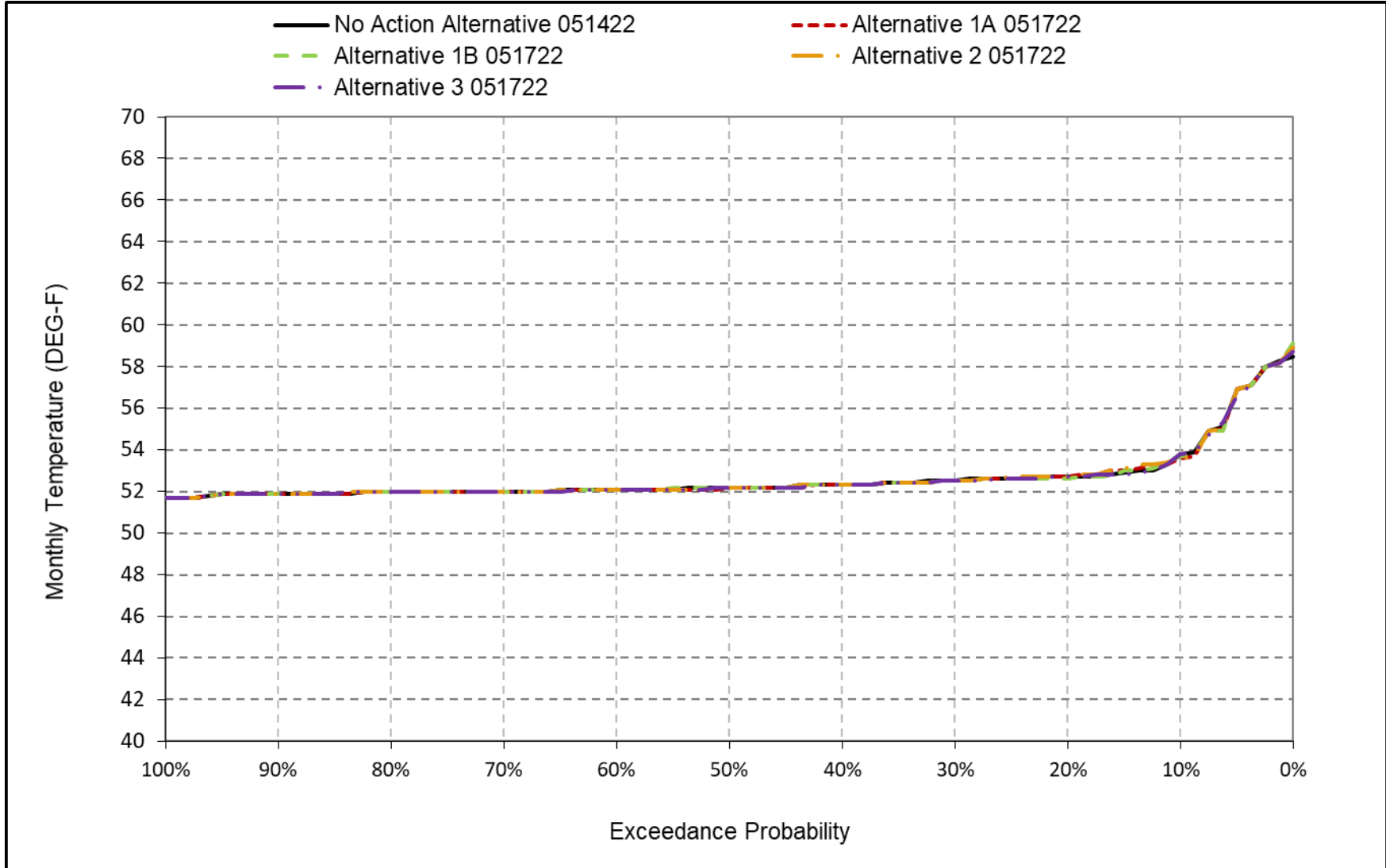
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-16-7. Feather River Low Flow Channel, October



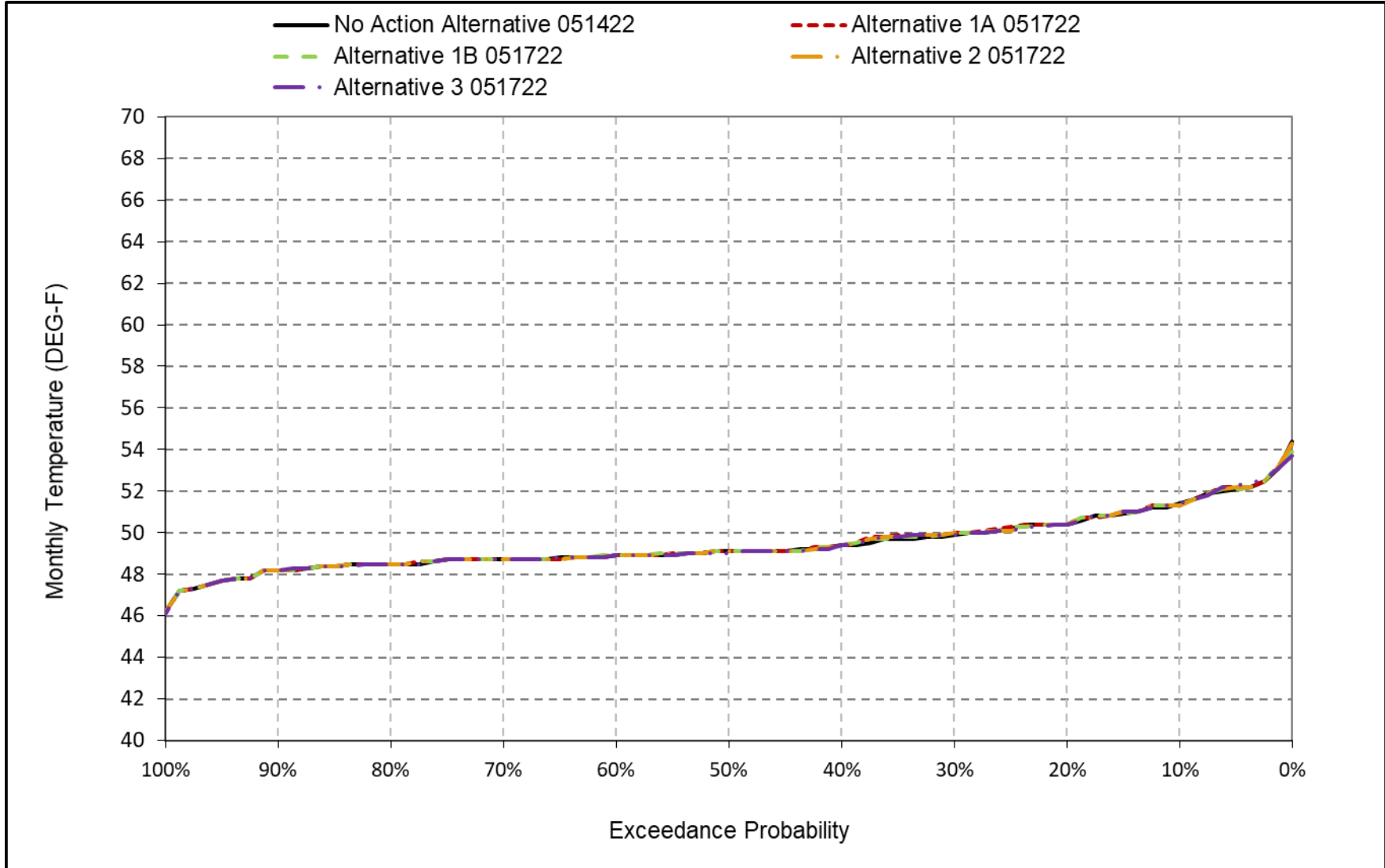
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-16-8. Feather River Low Flow Channel, November



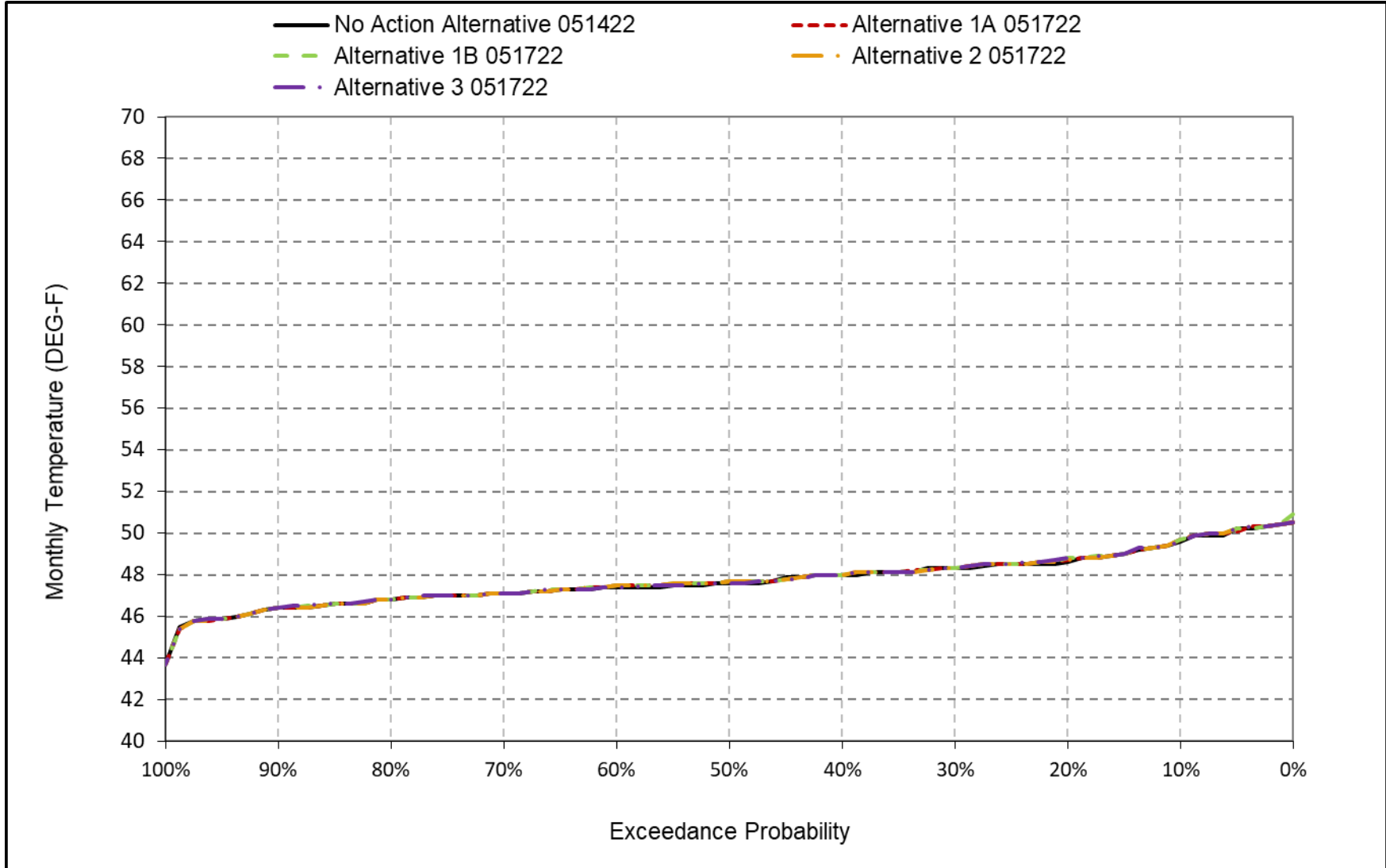
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-16-9. Feather River Low Flow Channel, December



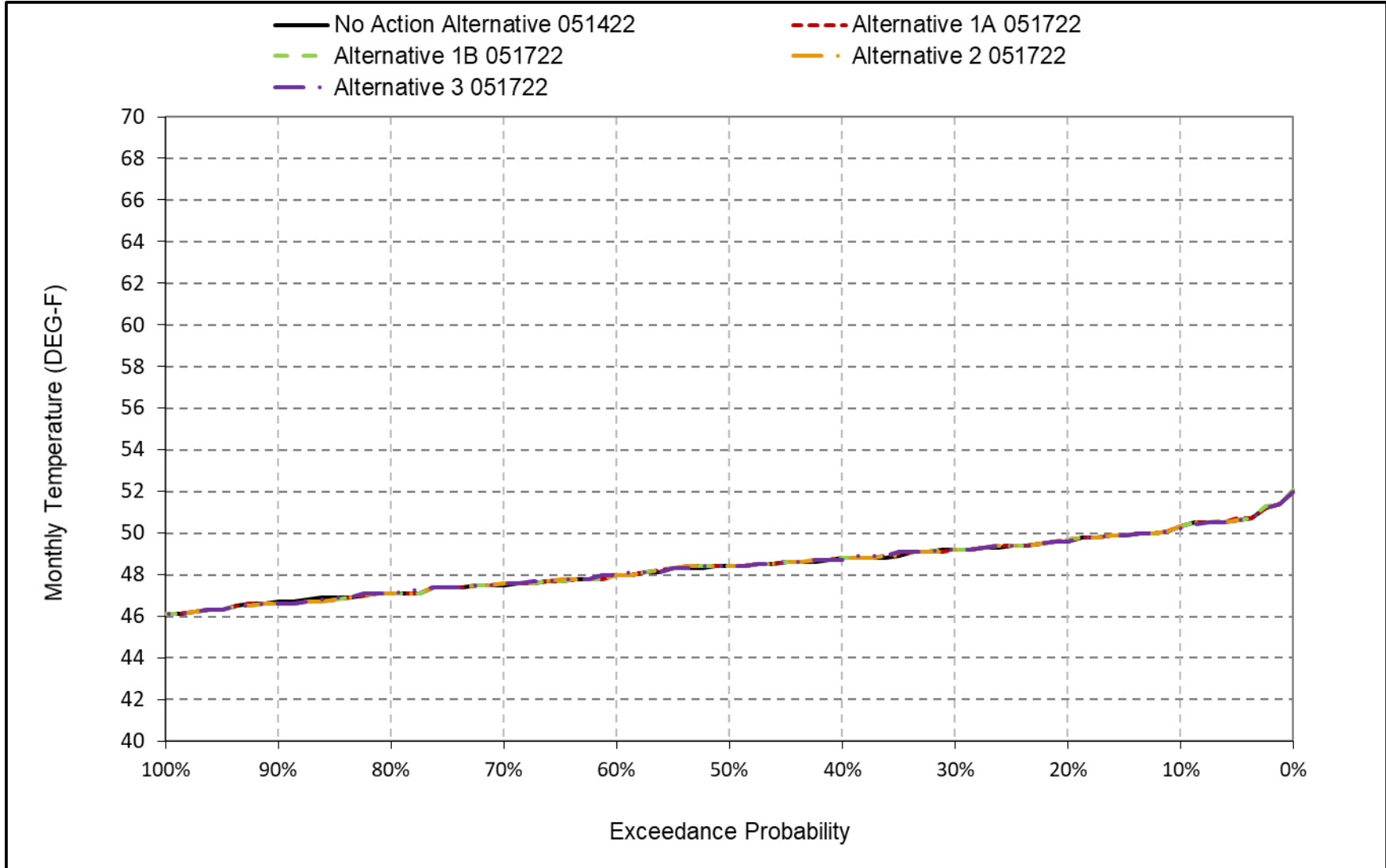
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-16-10. Feather River Low Flow Channel, January



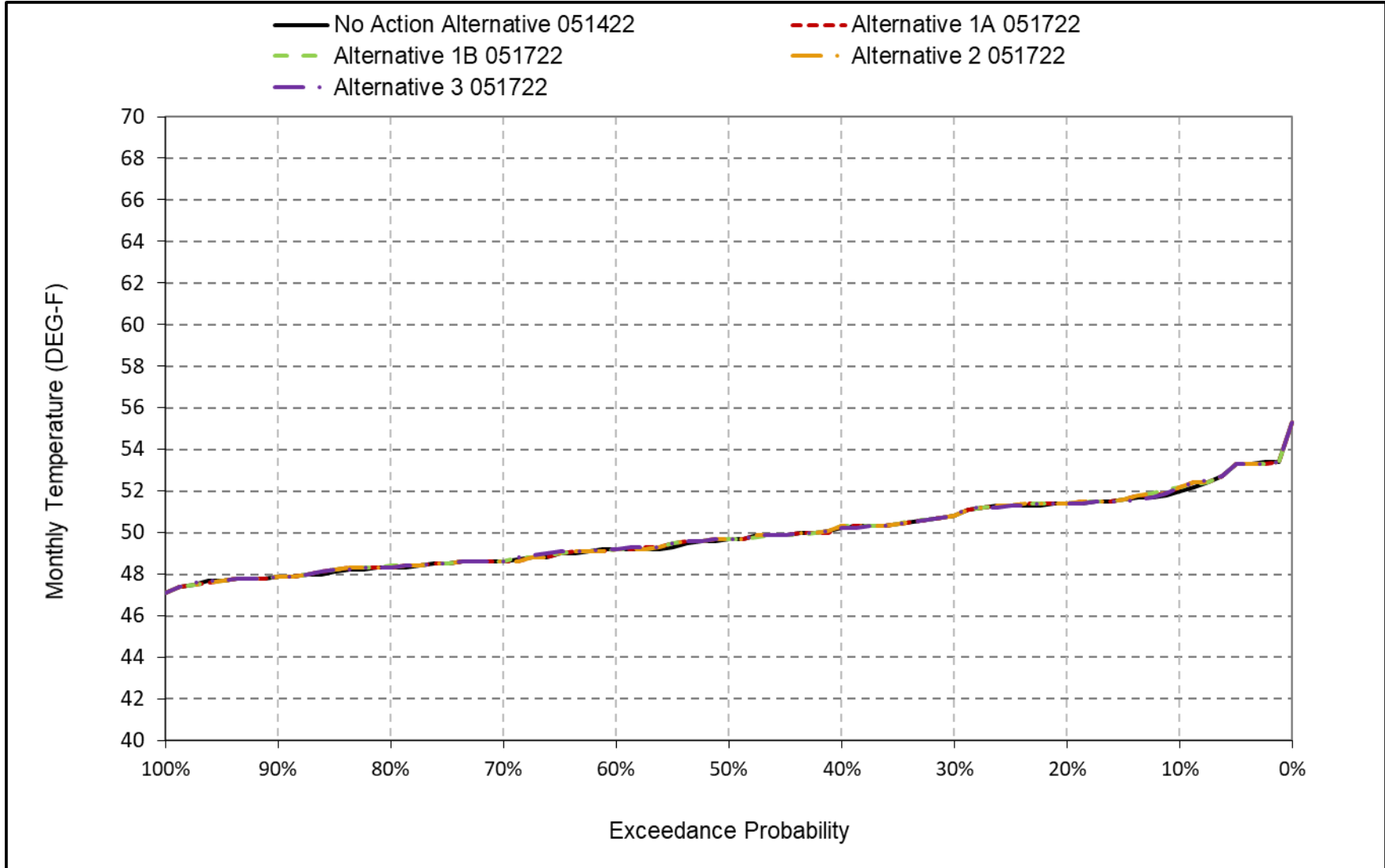
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-16-11. Feather River Low Flow Channel, February



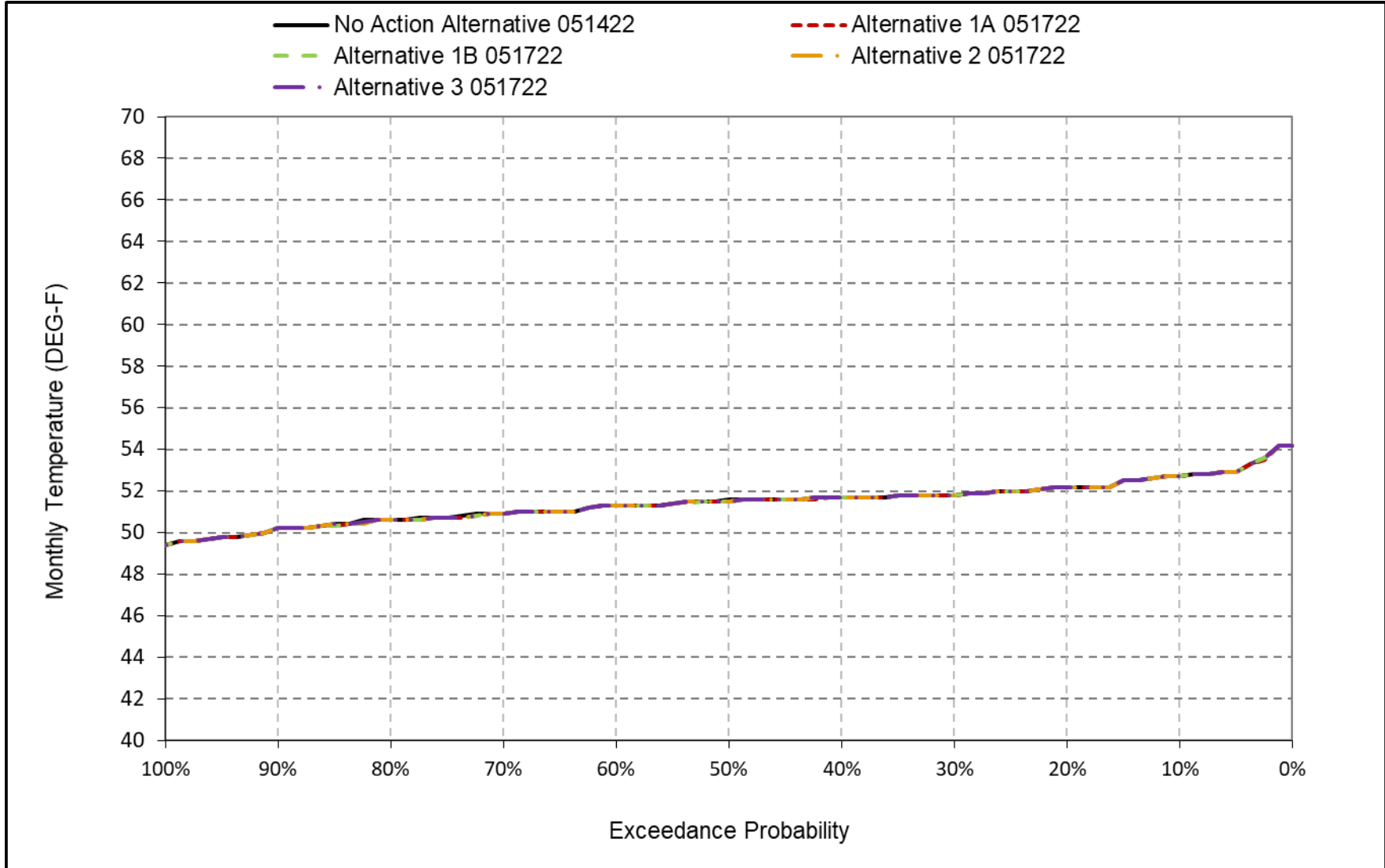
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-16-12. Feather River Low Flow Channel, March



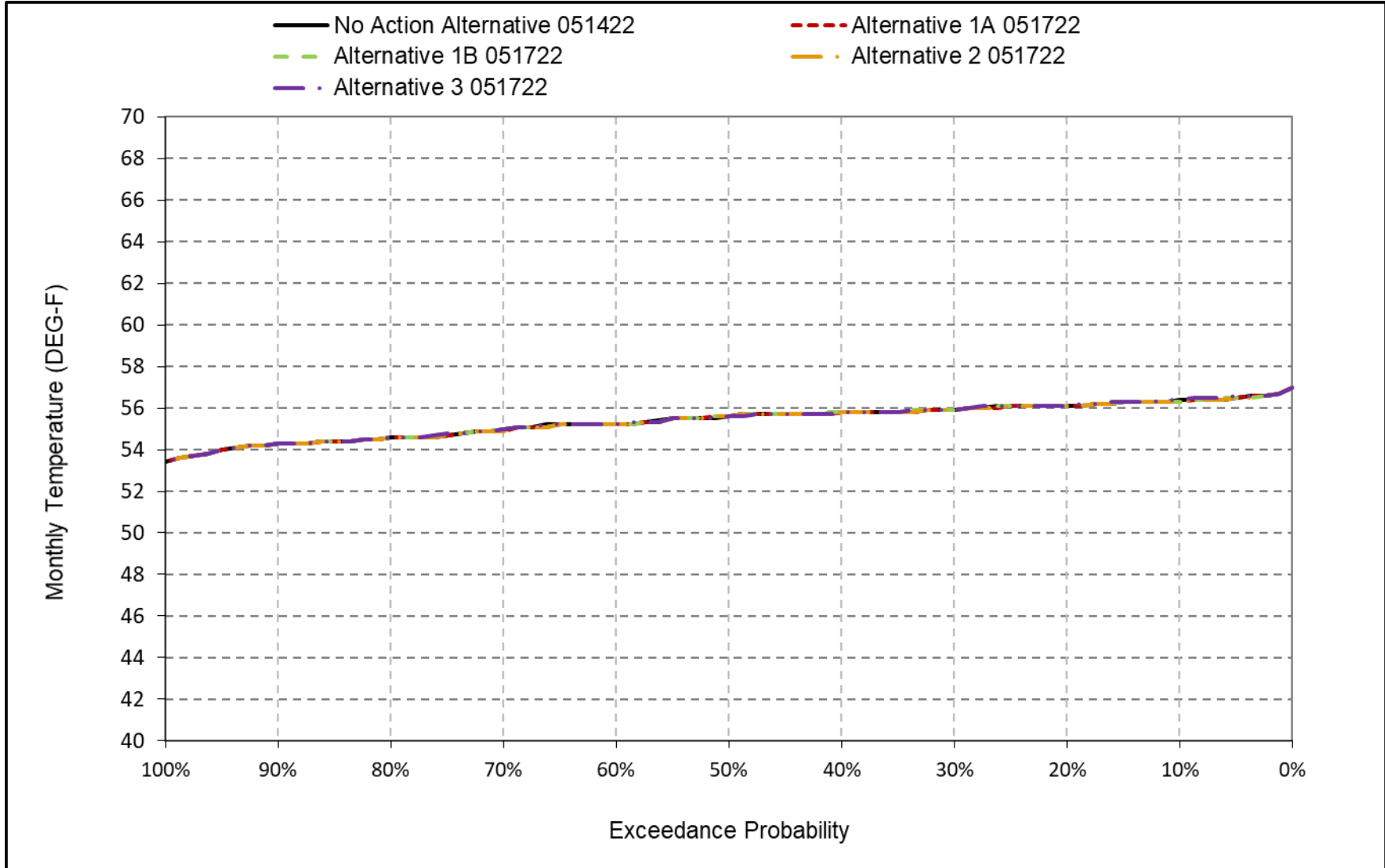
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-16-13. Feather River Low Flow Channel, April



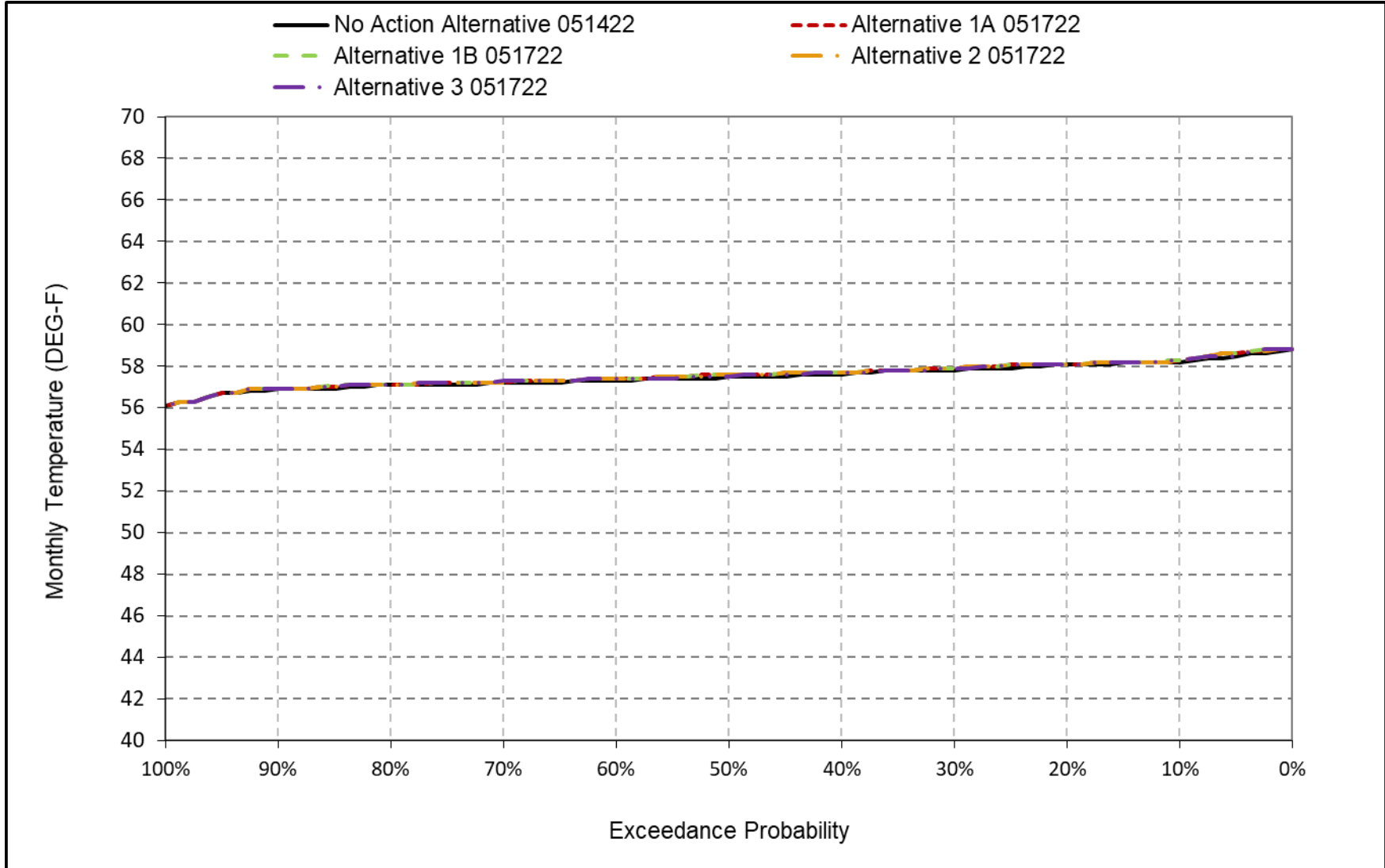
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-16-14. Feather River Low Flow Channel, May



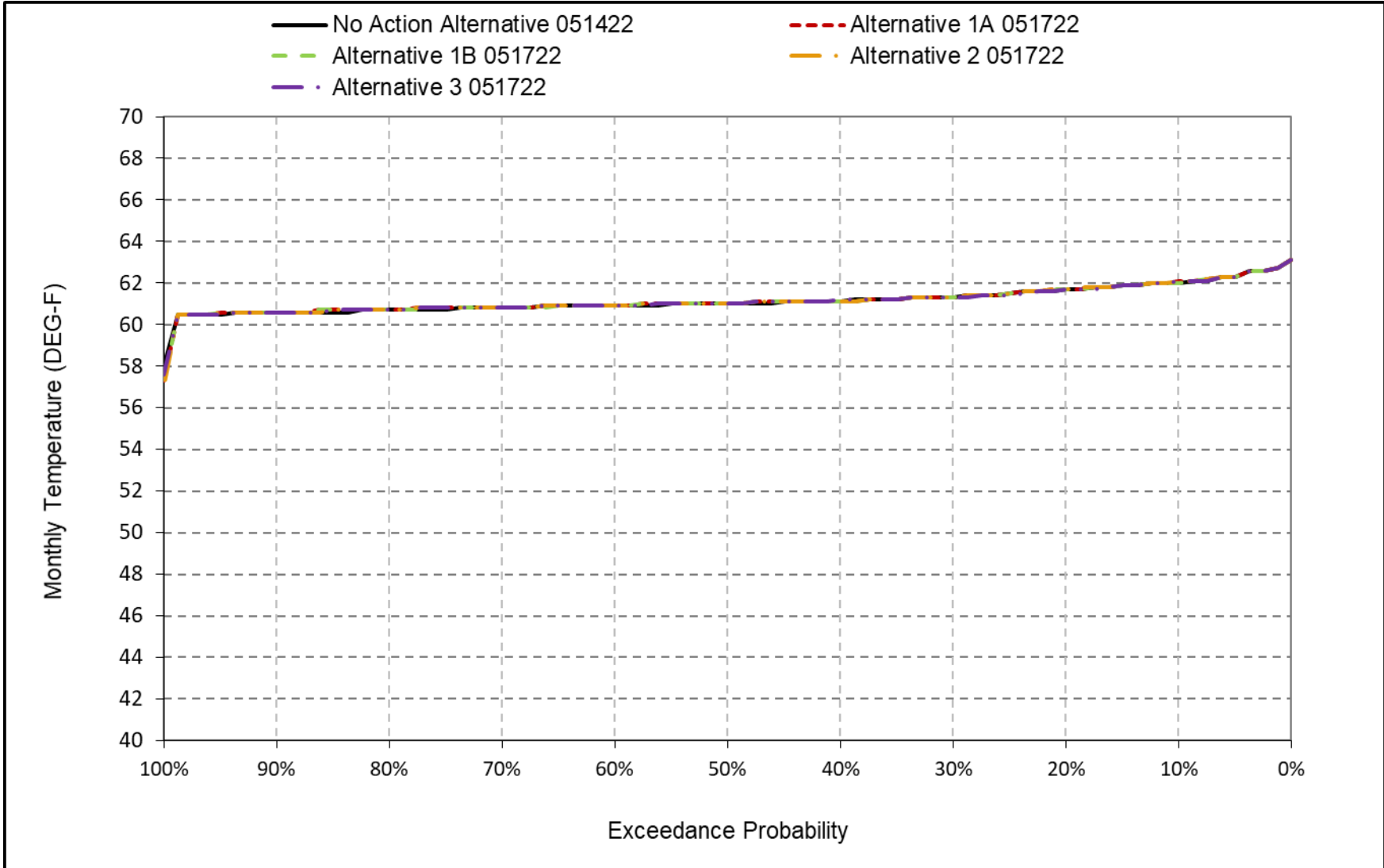
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-16-15. Feather River Low Flow Channel, June



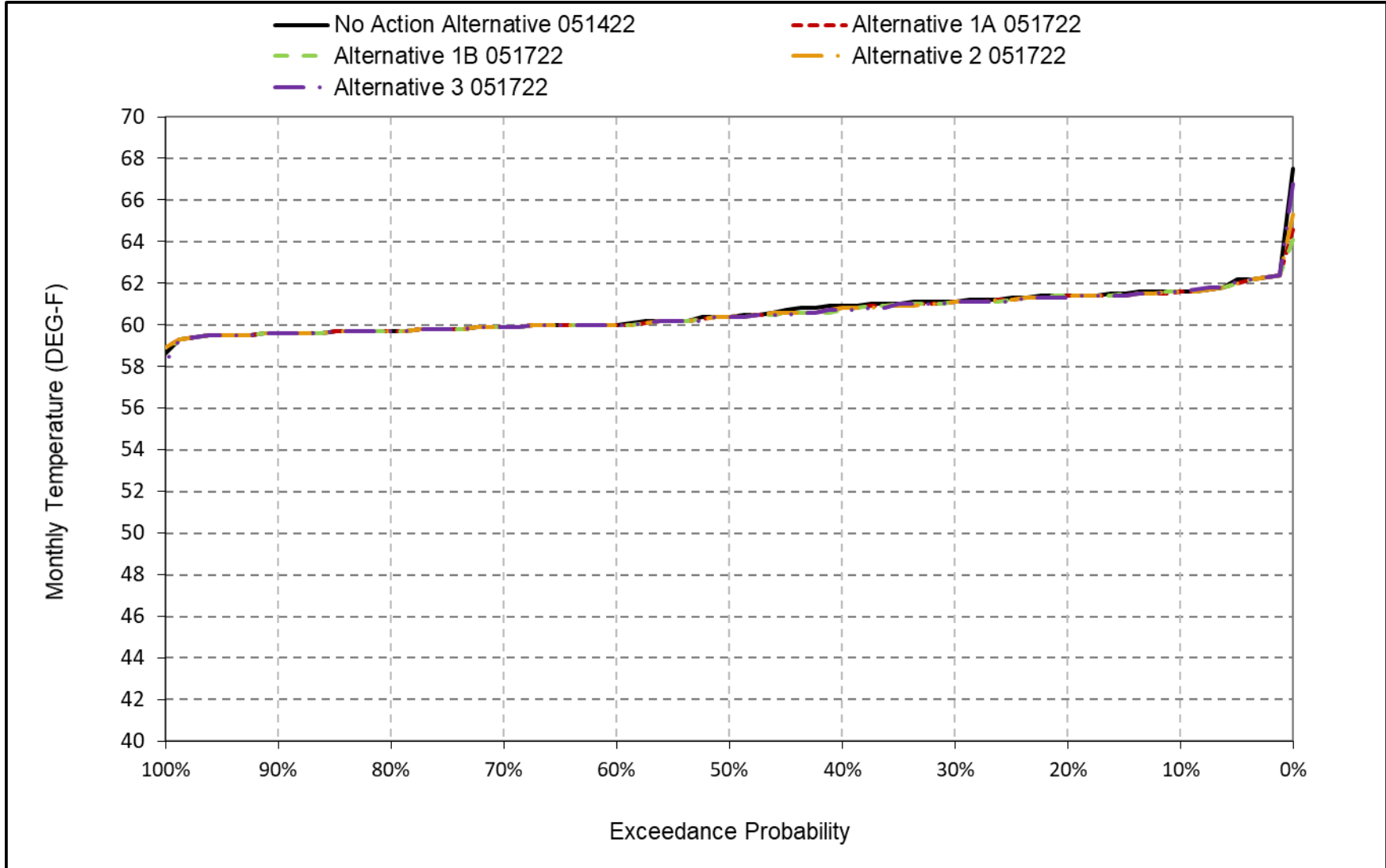
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-16-16. Feather River Low Flow Channel, July



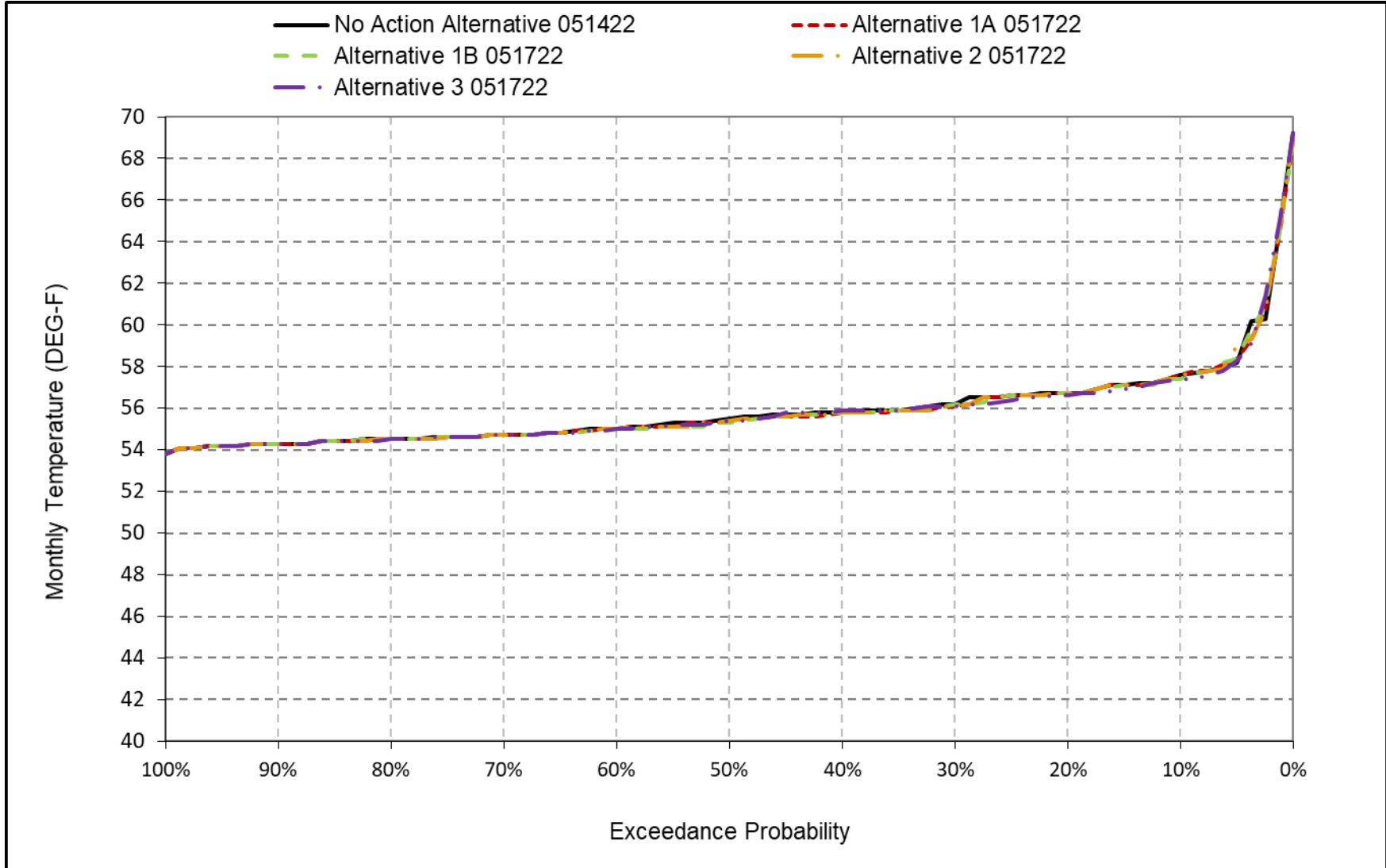
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-16-17. Feather River Low Flow Channel, August



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

Figure 6C-16-18. Feather River Low Flow Channel, September



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

Table 6C-17-1a. Feather River at Robinson Riffle, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	57.0	53.9	50.5	48.9	51.1	53.7	56.6	61.1	65.2	68.6	67.1	61.7
20% Exceedance	56.1	53.3	49.7	48.3	50.1	53.0	55.7	60.8	64.6	68.0	66.7	60.9
30% Exceedance	55.9	53.0	49.3	47.9	49.7	52.4	55.2	60.4	64.2	67.8	66.4	60.6
40% Exceedance	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% Exceedance	55.3	52.4	48.7	47.3	49.0	51.0	54.5	59.8	63.5	67.3	65.7	59.9
60% Exceedance	55.2	52.2	48.2	47.0	48.5	50.7	54.1	59.5	63.0	67.1	65.5	59.6
70% Exceedance	55.0	52.1	48.0	46.8	48.1	50.4	53.8	59.1	62.9	66.7	65.3	59.2
80% Exceedance	54.6	51.9	47.7	46.3	47.8	49.9	53.5	58.9	62.6	66.4	65.1	58.8
90% Exceedance	54.5	51.8	47.2	45.6	47.4	49.2	52.9	57.6	61.9	66.2	64.4	58.2
Full Simulation Period Average^a	55.8	52.8	48.8	47.3	49.0	51.4	54.6	59.7	63.5	67.4	65.9	60.1
Wet Water Years (32%)	55.0	52.4	48.6	47.5	48.6	50.0	53.3	59.0	63.0	67.6	66.1	59.3
Above Normal Water Years (15%)	55.0	52.0	48.5	47.3	48.8	51.1	54.8	60.2	64.1	67.0	65.1	58.9
Below Normal Water Years (17%)	55.5	52.6	48.6	47.1	48.8	51.9	55.4	60.0	63.8	67.3	65.6	60.4
Dry Water Years (22%)	55.5	52.9	49.2	47.1	49.3	52.4	55.4	60.0	63.9	67.1	66.2	60.4
Critical Water Years (15%)	58.8	54.4	49.0	47.5	50.1	52.6	55.1	60.0	63.1	67.6	66.3	62.0

Table 6C-17-1b. Feather River at Robinson Riffle, Alternative 1A 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	56.7	53.8	50.6	48.9	51.1	53.7	56.6	61.1	65.2	68.6	67.1	61.6
20% Exceedance	56.1	53.4	49.8	48.3	50.1	53.0	55.7	60.8	64.6	68.0	66.7	60.9
30% Exceedance	55.8	53.0	49.3	48.0	49.7	52.4	55.2	60.4	64.2	67.8	66.4	60.6
40% Exceedance	55.5	52.7	49.0	47.6	49.3	51.6	54.9	60.1	63.7	67.5	66.2	60.1
50% Exceedance	55.3	52.4	48.7	47.3	49.0	51.1	54.5	59.8	63.5	67.4	65.6	59.9
60% Exceedance	55.2	52.2	48.2	47.1	48.5	50.7	54.1	59.5	63.1	67.1	65.4	59.6
70% Exceedance	55.0	52.1	48.0	46.8	48.1	50.4	53.8	59.1	62.9	66.7	65.2	59.1
80% Exceedance	54.6	51.9	47.7	46.3	47.8	49.9	53.5	58.9	62.6	66.4	65.1	58.8
90% Exceedance	54.5	51.7	47.2	45.6	47.2	49.2	52.9	57.6	62.0	66.2	64.4	58.2
Full Simulation Period Average^a	55.7	52.8	48.8	47.3	49.0	51.4	54.6	59.7	63.5	67.4	65.9	60.1
Wet Water Years (32%)	55.0	52.4	48.6	47.5	48.5	50.0	53.3	59.0	63.0	67.6	66.1	59.3
Above Normal Water Years (15%)	55.0	52.0	48.5	47.3	48.8	51.2	54.7	60.2	64.1	67.0	65.1	58.9
Below Normal Water Years (17%)	55.5	52.5	48.6	47.2	48.8	51.9	55.4	60.0	63.9	67.3	65.6	60.3
Dry Water Years (22%)	55.4	53.0	49.2	47.1	49.3	52.4	55.4	60.0	64.0	67.1	66.1	60.4
Critical Water Years (15%)	58.7	54.5	49.1	47.5	50.1	52.6	55.1	60.0	63.2	67.6	66.1	62.0

Table 6C-17-1c. Feather River at Robinson Riffle, Alternative 1A 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-0.3	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
20% Exceedance	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30% Exceedance	-0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40% Exceedance	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50% Exceedance	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	0.0
60% Exceedance	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0
70% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1
80% Exceedance	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% Exceedance	0.0	-0.1	0.0	0.0	-0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Water Years (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 Water Years (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Dry Water Years (22%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0
Critical Water Years (15%)	-0.1	0.0	0.1	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.

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

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

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

Table 6C-17-2a. Feather River at Robinson Riffle, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	57.0	53.9	50.5	48.9	51.1	53.7	56.6	61.1	65.2	68.6	67.1	61.7
20% Exceedance	56.1	53.3	49.7	48.3	50.1	53.0	55.7	60.8	64.6	68.0	66.7	60.9
30% Exceedance	55.9	53.0	49.3	47.9	49.7	52.4	55.2	60.4	64.2	67.8	66.4	60.6
40% Exceedance	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% Exceedance	55.3	52.4	48.7	47.3	49.0	51.0	54.5	59.8	63.5	67.3	65.7	59.9
60% Exceedance	55.2	52.2	48.2	47.0	48.5	50.7	54.1	59.5	63.0	67.1	65.5	59.6
70% Exceedance	55.0	52.1	48.0	46.8	48.1	50.4	53.8	59.1	62.9	66.7	65.3	59.2
80% Exceedance	54.6	51.9	47.7	46.3	47.8	49.9	53.5	58.9	62.6	66.4	65.1	58.8
90% Exceedance	54.5	51.8	47.2	45.6	47.4	49.2	52.9	57.6	61.9	66.2	64.4	58.2
Full Simulation Period Average^a	55.8	52.8	48.8	47.3	49.0	51.4	54.6	59.7	63.5	67.4	65.9	60.1
Wet Water Years (32%)	55.0	52.4	48.6	47.5	48.6	50.0	53.3	59.0	63.0	67.6	66.1	59.3
Above Normal Water Years (15%)	55.0	52.0	48.5	47.3	48.8	51.1	54.8	60.2	64.1	67.0	65.1	58.9
Below Normal Water Years (17%)	55.5	52.6	48.6	47.1	48.8	51.9	55.4	60.0	63.8	67.3	65.6	60.4
Dry Water Years (22%)	55.5	52.9	49.2	47.1	49.3	52.4	55.4	60.0	63.9	67.1	66.2	60.4
Critical Water Years (15%)	58.8	54.4	49.0	47.5	50.1	52.6	55.1	60.0	63.1	67.6	66.3	62.0

Table 6C-17-2b. Feather River at Robinson Riffle, Alternative 1B 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	56.7	53.8	50.6	48.9	51.1	53.7	56.6	61.2	65.2	68.6	67.1	61.6
20% Exceedance	56.1	53.3	49.8	48.3	50.1	53.0	55.7	60.8	64.6	68.0	66.7	60.9
30% Exceedance	55.8	53.0	49.3	48.0	49.8	52.4	55.2	60.4	64.2	67.8	66.3	60.5
40% Exceedance	55.5	52.7	49.0	47.6	49.3	51.6	54.9	60.1	63.7	67.6	66.2	60.1
50% Exceedance	55.3	52.4	48.7	47.3	49.0	51.2	54.5	59.8	63.5	67.4	65.6	59.9
60% Exceedance	55.2	52.2	48.2	47.1	48.5	50.8	54.1	59.5	63.0	67.1	65.4	59.6
70% Exceedance	55.0	52.1	48.0	46.8	48.1	50.4	53.8	59.1	62.9	66.7	65.2	59.1
80% Exceedance	54.6	51.9	47.7	46.3	47.8	49.9	53.5	58.9	62.6	66.4	65.1	58.8
90% Exceedance	54.5	51.7	47.2	45.6	47.2	49.2	52.9	57.6	62.0	66.2	64.4	58.2
Full Simulation Period Average^a	55.7	52.8	48.8	47.3	49.0	51.4	54.6	59.7	63.5	67.4	65.9	60.1
Wet Water Years (32%)	55.0	52.4	48.6	47.5	48.6	50.0	53.3	59.0	63.0	67.6	66.0	59.3
Above Normal Water Years (15%)	55.0	52.0	48.5	47.3	48.8	51.2	54.7	60.2	64.1	67.0	65.1	58.9
Below Normal Water Years (17%)	55.5	52.5	48.6	47.2	48.8	51.9	55.4	60.0	63.9	67.3	65.6	60.3
Dry Water Years (22%)	55.4	52.9	49.2	47.1	49.3	52.4	55.4	60.0	64.0	67.1	66.2	60.3
Critical Water Years (15%)	58.7	54.5	49.1	47.5	50.1	52.6	55.1	60.0	63.2	67.6	66.0	62.0

Table 6C-17-2c. Feather River at Robinson Riffle, Alternative 1B 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-0.3	-0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.1
20% Exceedance	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% Exceedance	-0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1
40% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
50% Exceedance	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	-0.1	0.0
60% Exceedance	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.1	0.0	-0.1	0.0
70% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1
80% Exceedance	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% Exceedance	0.0	-0.1	0.0	0.0	-0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
Wet Water Years (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 Water Years (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 Water Years (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Dry Water Years (22%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	-0.1
Critical Water Years (15%)	-0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.0	-0.3	0.0

^a Based on the 82-year simulation period.

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

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

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

Table 6C-17-3a. Feather River at Robinson Riffle, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	57.0	53.9	50.5	48.9	51.1	53.7	56.6	61.1	65.2	68.6	67.1	61.7
20% Exceedance	56.1	53.3	49.7	48.3	50.1	53.0	55.7	60.8	64.6	68.0	66.7	60.9
30% Exceedance	55.9	53.0	49.3	47.9	49.7	52.4	55.2	60.4	64.2	67.8	66.4	60.6
40% Exceedance	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% Exceedance	55.3	52.4	48.7	47.3	49.0	51.0	54.5	59.8	63.5	67.3	65.7	59.9
60% Exceedance	55.2	52.2	48.2	47.0	48.5	50.7	54.1	59.5	63.0	67.1	65.5	59.6
70% Exceedance	55.0	52.1	48.0	46.8	48.1	50.4	53.8	59.1	62.9	66.7	65.3	59.2
80% Exceedance	54.6	51.9	47.7	46.3	47.8	49.9	53.5	58.9	62.6	66.4	65.1	58.8
90% Exceedance	54.5	51.8	47.2	45.6	47.4	49.2	52.9	57.6	61.9	66.2	64.4	58.2
Full Simulation Period Average^a	55.8	52.8	48.8	47.3	49.0	51.4	54.6	59.7	63.5	67.4	65.9	60.1
Wet Water Years (32%)	55.0	52.4	48.6	47.5	48.6	50.0	53.3	59.0	63.0	67.6	66.1	59.3
Above Normal Water Years (15%)	55.0	52.0	48.5	47.3	48.8	51.1	54.8	60.2	64.1	67.0	65.1	58.9
Below Normal Water Years (17%)	55.5	52.6	48.6	47.1	48.8	51.9	55.4	60.0	63.8	67.3	65.6	60.4
Dry Water Years (22%)	55.5	52.9	49.2	47.1	49.3	52.4	55.4	60.0	63.9	67.1	66.2	60.4
Critical Water Years (15%)	58.8	54.4	49.0	47.5	50.1	52.6	55.1	60.0	63.1	67.6	66.3	62.0

Table 6C-17-3b. Feather River at Robinson Riffle, Alternative 2 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	56.7	53.8	50.6	48.9	51.1	53.7	56.6	61.1	65.2	68.6	67.1	61.6
20% Exceedance	56.1	53.4	49.8	48.3	50.1	53.0	55.7	60.8	64.6	68.0	66.7	60.9
30% Exceedance	55.8	53.0	49.3	47.9	49.7	52.4	55.2	60.4	64.2	67.8	66.4	60.5
40% Exceedance	55.5	52.7	49.0	47.6	49.3	51.6	54.9	60.1	63.7	67.5	66.2	60.1
50% Exceedance	55.3	52.4	48.7	47.3	49.0	51.1	54.5	59.8	63.5	67.4	65.6	59.9
60% Exceedance	55.2	52.2	48.2	47.1	48.5	50.7	54.1	59.5	63.0	67.1	65.4	59.6
70% Exceedance	55.0	52.1	48.0	46.8	48.1	50.4	53.8	59.1	62.9	66.7	65.2	59.1
80% Exceedance	54.6	51.9	47.7	46.3	47.8	49.9	53.5	58.9	62.6	66.4	65.1	58.8
90% Exceedance	54.5	51.8	47.2	45.6	47.2	49.2	52.9	57.6	62.0	66.2	64.4	58.2
Full Simulation Period Average^a	55.7	52.8	48.8	47.3	49.0	51.4	54.6	59.7	63.5	67.4	65.9	60.1
Wet Water Years (32%)	55.0	52.4	48.6	47.5	48.5	50.0	53.3	59.0	63.0	67.6	66.1	59.3
Above Normal Water Years (15%)	55.0	52.0	48.5	47.3	48.8	51.2	54.8	60.2	64.1	67.0	65.1	58.9
Below Normal Water Years (17%)	55.5	52.5	48.6	47.2	48.8	51.9	55.4	60.0	63.9	67.3	65.6	60.3
Dry Water Years (22%)	55.4	53.0	49.2	47.1	49.3	52.4	55.4	60.0	64.0	67.1	66.1	60.4
Critical Water Years (15%)	58.7	54.5	49.0	47.5	50.1	52.6	55.1	60.0	63.2	67.6	66.1	62.0

Table 6C-17-3c. Feather River at Robinson Riffle, Alternative 2 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-0.3	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
20% Exceedance	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
40% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50% Exceedance	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	0.0
60% Exceedance	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0
70% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1
80% Exceedance	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% Exceedance	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Water Years (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 Water Years (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Dry Water Years (22%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0
Critical Water Years (15%)	-0.1	0.0	0.1	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.

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

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

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

Table 6C-17-4a. Feather River at Robinson Riffle, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	57.0	53.9	50.5	48.9	51.1	53.7	56.6	61.1	65.2	68.6	67.1	61.7
20% Exceedance	56.1	53.3	49.7	48.3	50.1	53.0	55.7	60.8	64.6	68.0	66.7	60.9
30% Exceedance	55.9	53.0	49.3	47.9	49.7	52.4	55.2	60.4	64.2	67.8	66.4	60.6
40% Exceedance	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% Exceedance	55.3	52.4	48.7	47.3	49.0	51.0	54.5	59.8	63.5	67.3	65.7	59.9
60% Exceedance	55.2	52.2	48.2	47.0	48.5	50.7	54.1	59.5	63.0	67.1	65.5	59.6
70% Exceedance	55.0	52.1	48.0	46.8	48.1	50.4	53.8	59.1	62.9	66.7	65.3	59.2
80% Exceedance	54.6	51.9	47.7	46.3	47.8	49.9	53.5	58.9	62.6	66.4	65.1	58.8
90% Exceedance	54.5	51.8	47.2	45.6	47.4	49.2	52.9	57.6	61.9	66.2	64.4	58.2
Full Simulation Period Average^a	55.8	52.8	48.8	47.3	49.0	51.4	54.6	59.7	63.5	67.4	65.9	60.1
Wet Water Years (32%)	55.0	52.4	48.6	47.5	48.6	50.0	53.3	59.0	63.0	67.6	66.1	59.3
Above Normal Water Years (15%)	55.0	52.0	48.5	47.3	48.8	51.1	54.8	60.2	64.1	67.0	65.1	58.9
Below Normal Water Years (17%)	55.5	52.6	48.6	47.1	48.8	51.9	55.4	60.0	63.8	67.3	65.6	60.4
Dry Water Years (22%)	55.5	52.9	49.2	47.1	49.3	52.4	55.4	60.0	63.9	67.1	66.2	60.4
Critical Water Years (15%)	58.8	54.4	49.0	47.5	50.1	52.6	55.1	60.0	63.1	67.6	66.3	62.0

Table 6C-17-4b. Feather River at Robinson Riffle, Alternative 3 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	56.9	54.0	50.6	48.9	51.0	53.7	56.6	61.1	65.2	68.6	67.1	61.5
20% Exceedance	56.1	53.3	49.8	48.3	50.1	52.9	55.7	60.8	64.6	68.0	66.7	60.8
30% Exceedance	55.8	53.0	49.3	48.0	49.8	52.4	55.2	60.5	64.2	67.8	66.3	60.5
40% Exceedance	55.5	52.7	48.9	47.6	49.4	51.6	54.9	60.1	63.7	67.5	66.0	60.2
50% Exceedance	55.3	52.4	48.7	47.3	49.0	51.2	54.5	59.8	63.5	67.3	65.6	59.9
60% Exceedance	55.2	52.2	48.2	47.0	48.5	50.8	54.1	59.5	63.0	67.1	65.4	59.6
70% Exceedance	55.0	52.1	47.9	46.8	48.1	50.4	53.8	59.2	62.9	66.7	65.2	59.1
80% Exceedance	54.7	51.9	47.7	46.3	47.8	49.9	53.5	58.9	62.6	66.4	65.1	58.8
90% Exceedance	54.5	51.7	47.3	45.6	47.2	49.2	52.9	57.6	62.0	66.2	64.4	58.2
Full Simulation Period Average^a	55.7	52.8	48.8	47.3	49.0	51.4	54.6	59.7	63.5	67.4	65.9	60.1
Wet Water Years (32%)	55.0	52.4	48.6	47.5	48.6	50.0	53.3	59.0	63.0	67.6	66.0	59.3
Above Normal Water Years (15%)	55.0	52.0	48.5	47.3	48.9	51.3	54.8	60.2	64.1	67.0	65.1	58.9
Below Normal Water Years (17%)	55.5	52.5	48.6	47.2	48.8	51.9	55.4	60.0	63.9	67.3	65.6	60.3
Dry Water Years (22%)	55.5	52.9	49.2	47.1	49.3	52.4	55.4	60.0	64.0	67.1	66.2	60.3
Critical Water Years (15%)	58.7	54.4	49.0	47.5	50.1	52.6	55.1	60.0	63.2	67.6	66.1	62.1

Table 6C-17-4c. Feather River at Robinson Riffle, Alternative 3 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-0.1	0.1	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.2
20% Exceedance	0.0	0.0	0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1
30% Exceedance	-0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.0	-0.1	-0.1
40% Exceedance	-0.1	0.0	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.2	0.1
50% Exceedance	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	-0.1	0.0
60% Exceedance	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	-0.1	0.0
70% Exceedance	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	-0.1
80% Exceedance	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% Exceedance	0.0	-0.1	0.1	0.0	-0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years (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 Water Years (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 Water Years (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2
Dry Water Years (22%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1
Critical Water Years (15%)	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.2	0.1

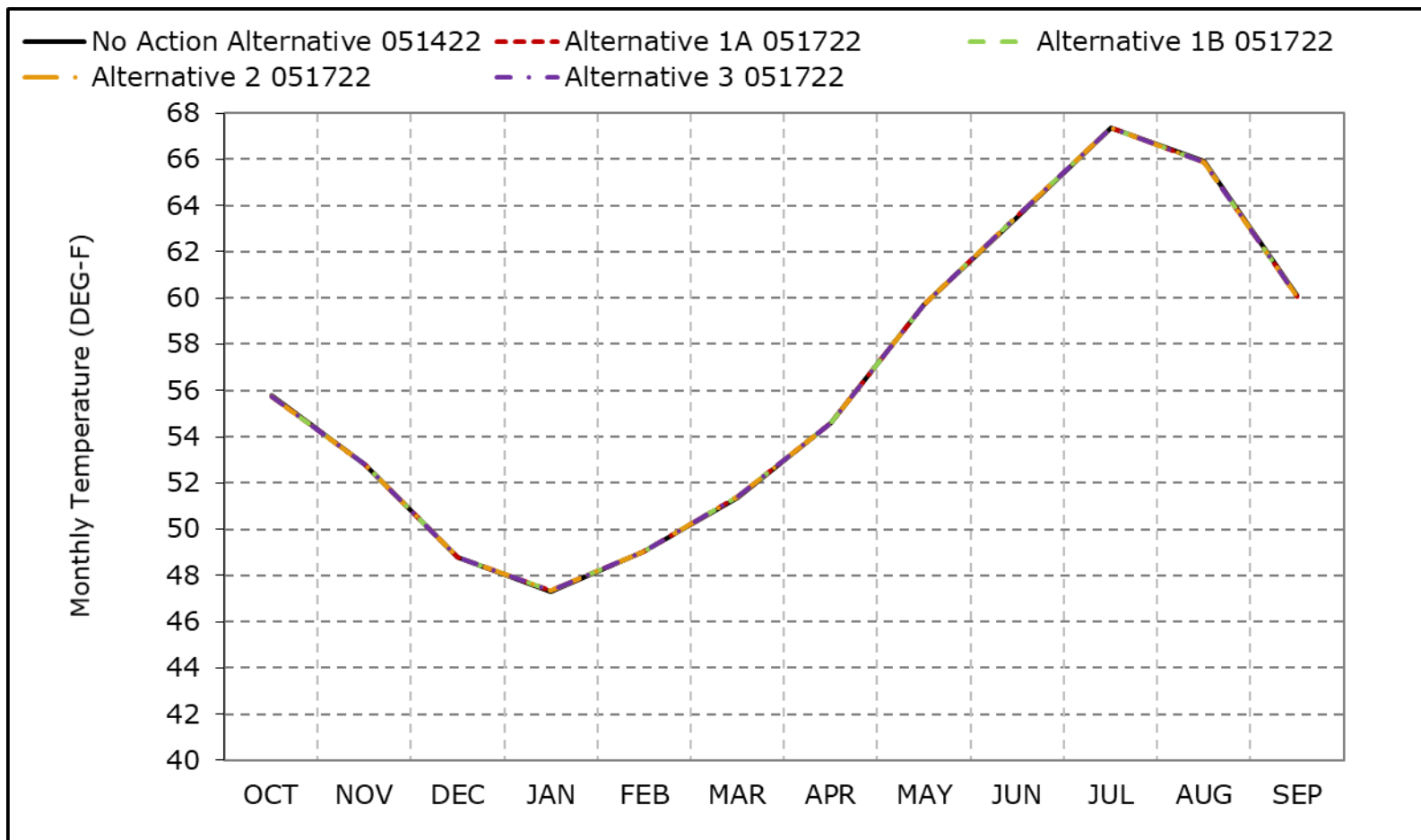
^a Based on the 82-year simulation period.

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

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

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

Figure 6C-17-1. Feather River at Robinson Riffle, Long-Term Average Temperature

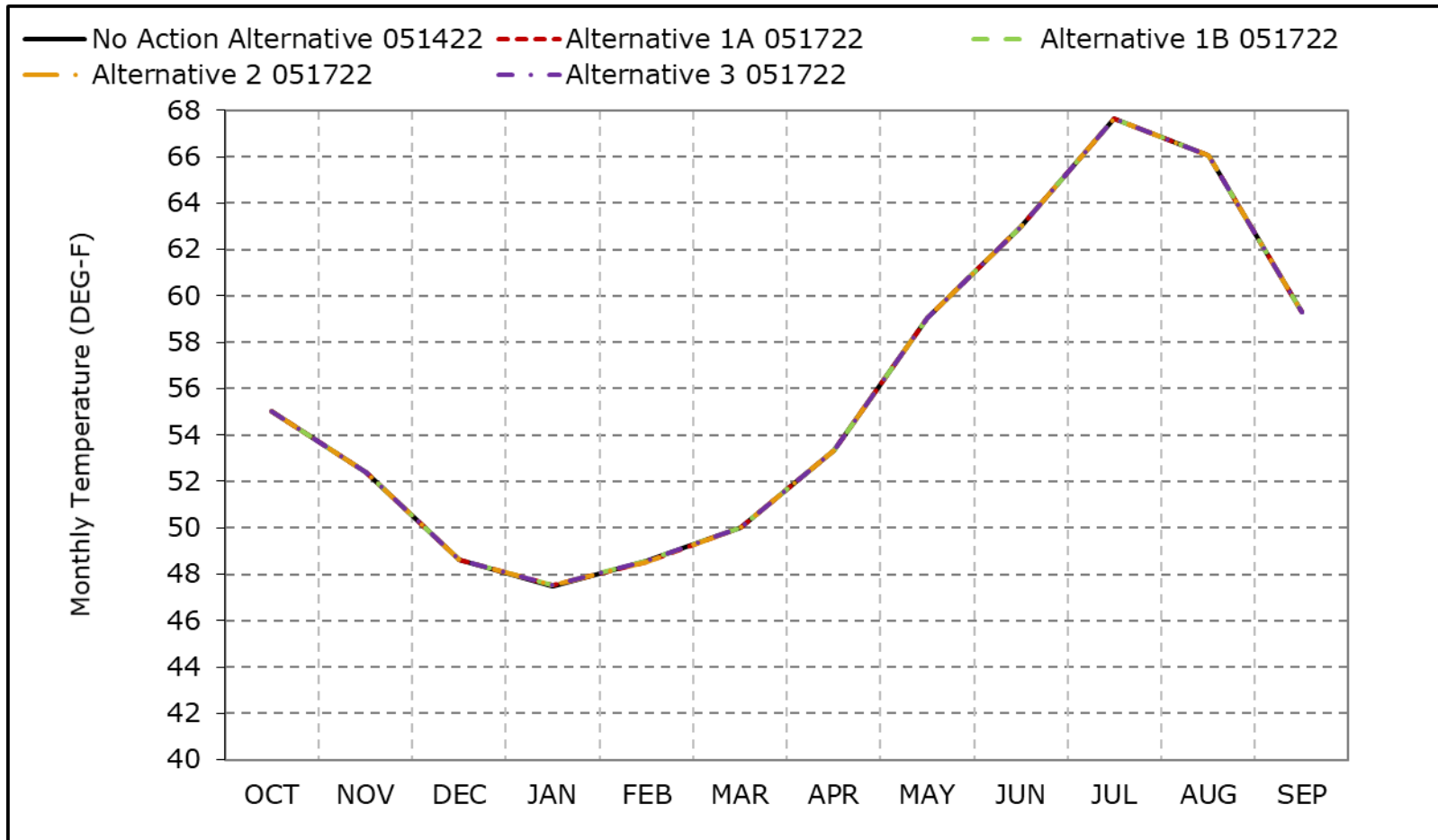


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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

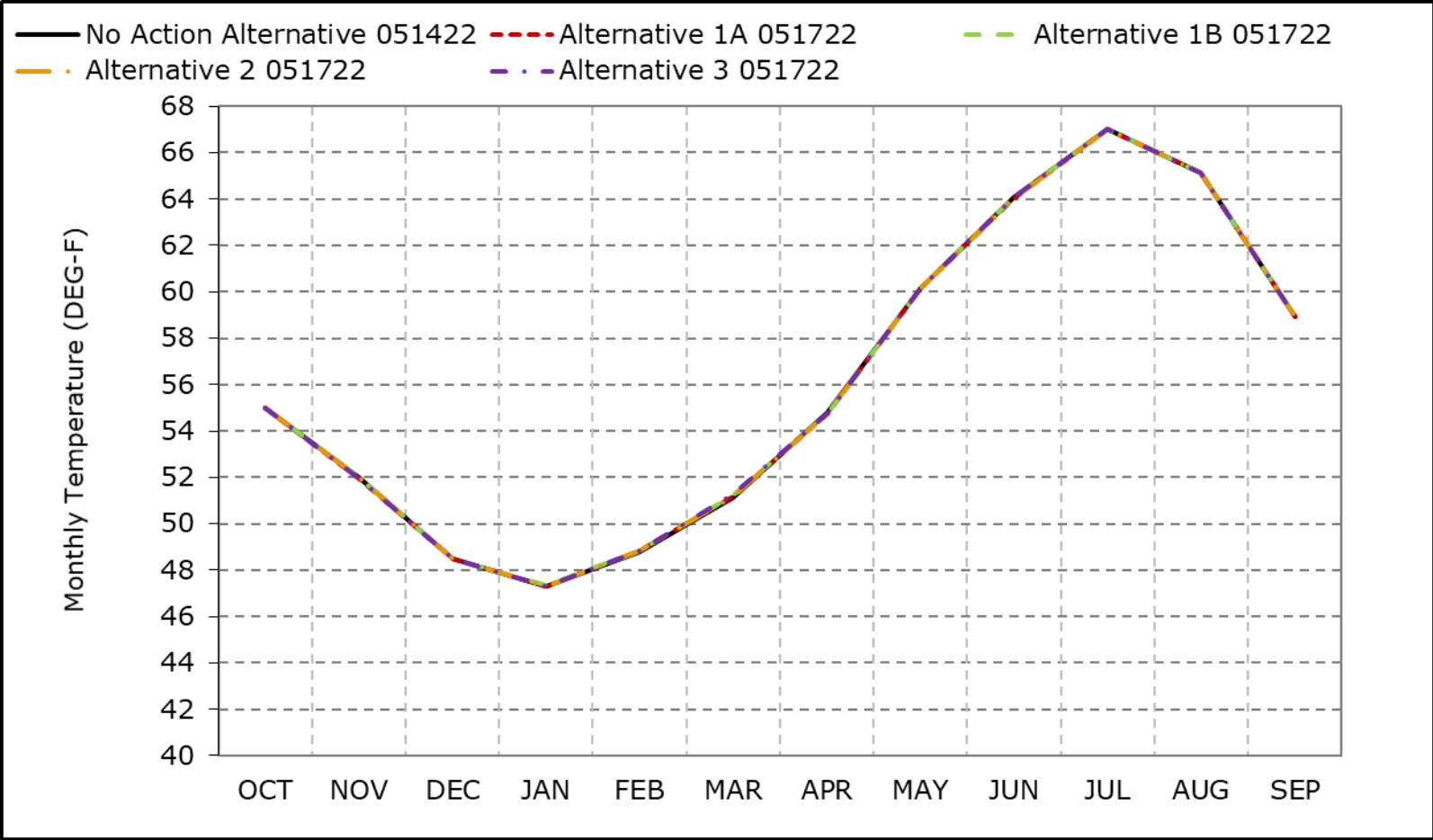


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

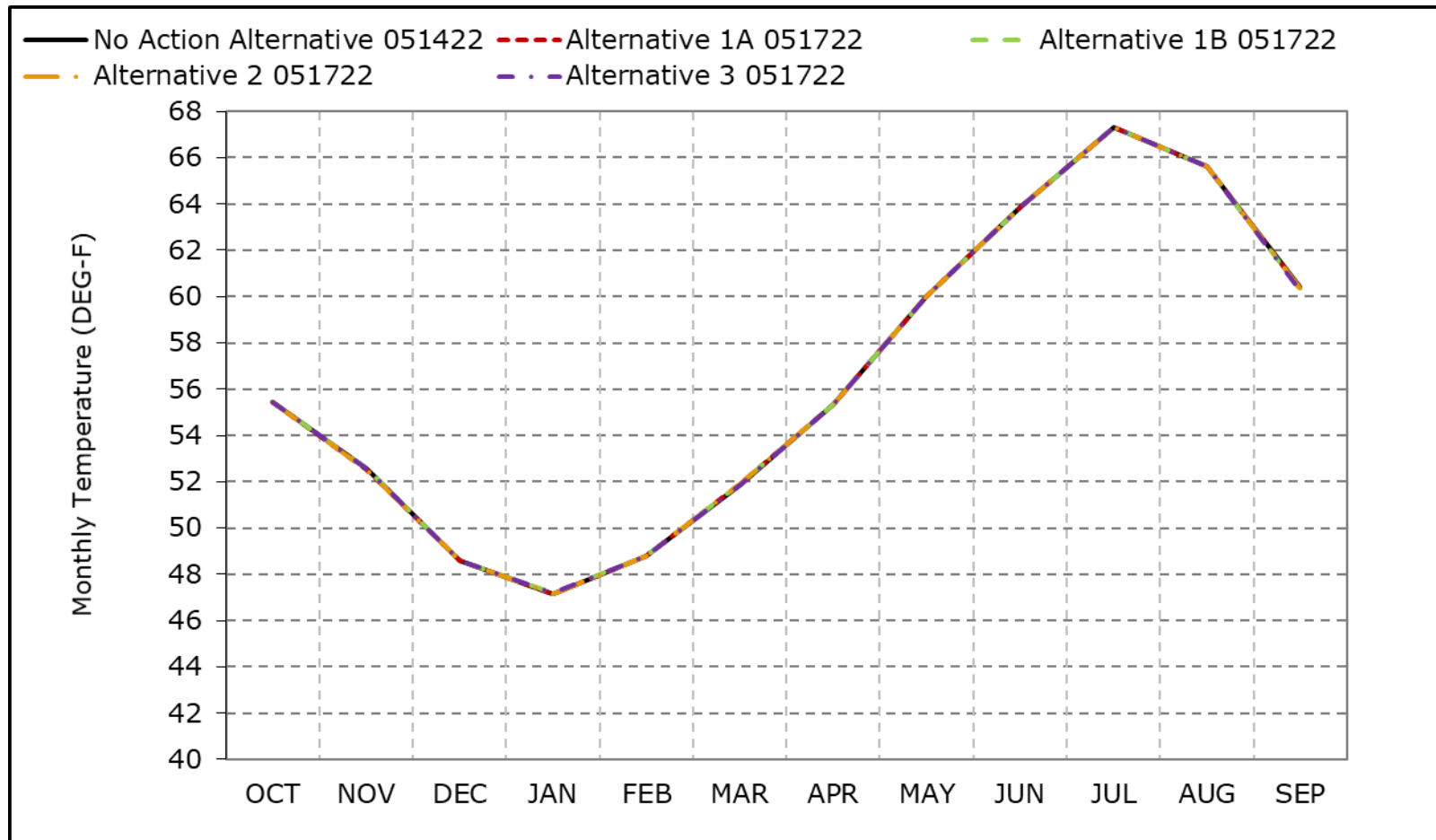
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-17-3. Feather River at Robinson Riffle, Above Normal Year Average 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-17-4. Feather River at Robinson Riffle, Below Normal Year Average Temperature

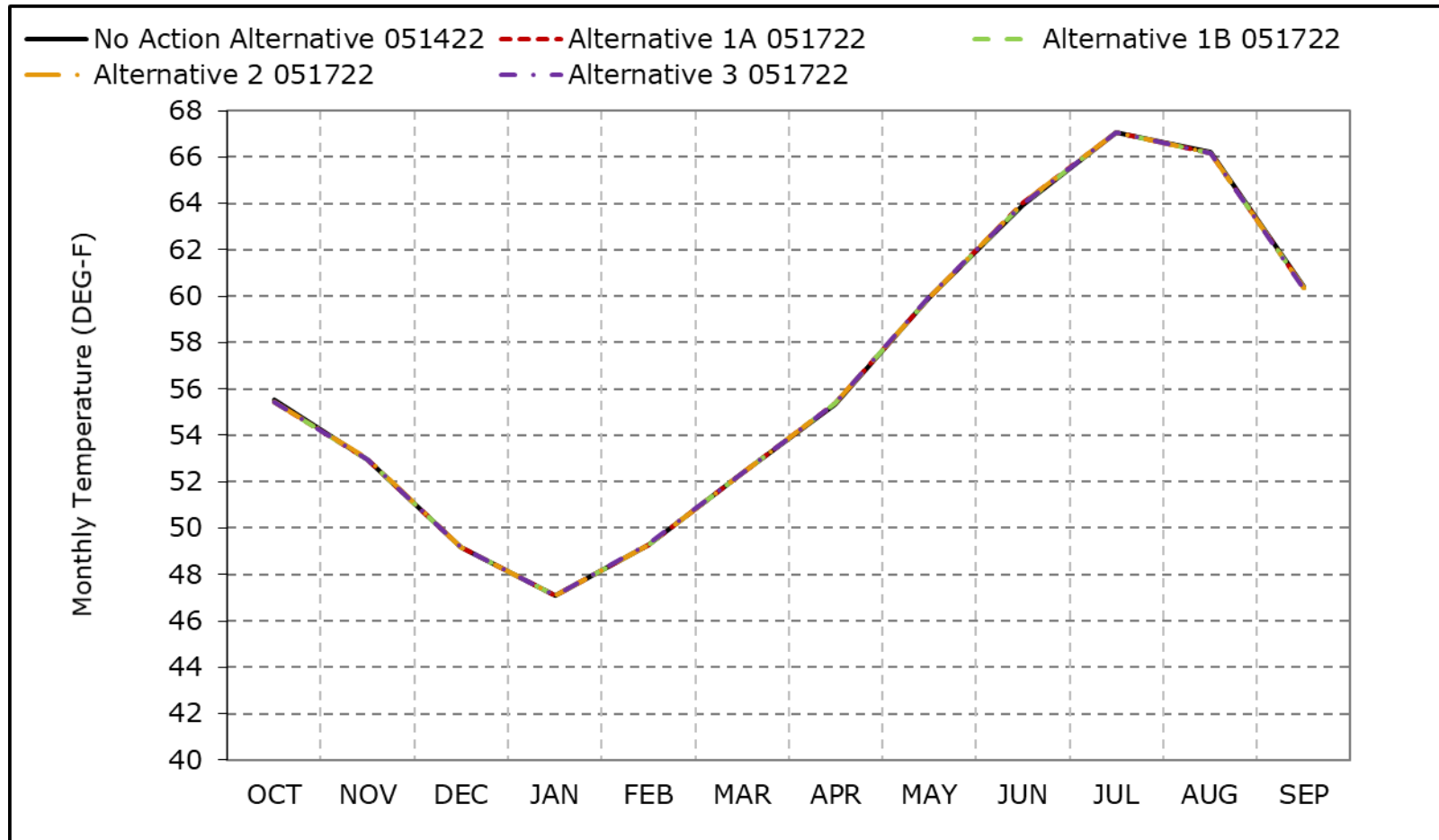


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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-17-5. Feather River at Robinson Riffle, Dry Year Average Temperature

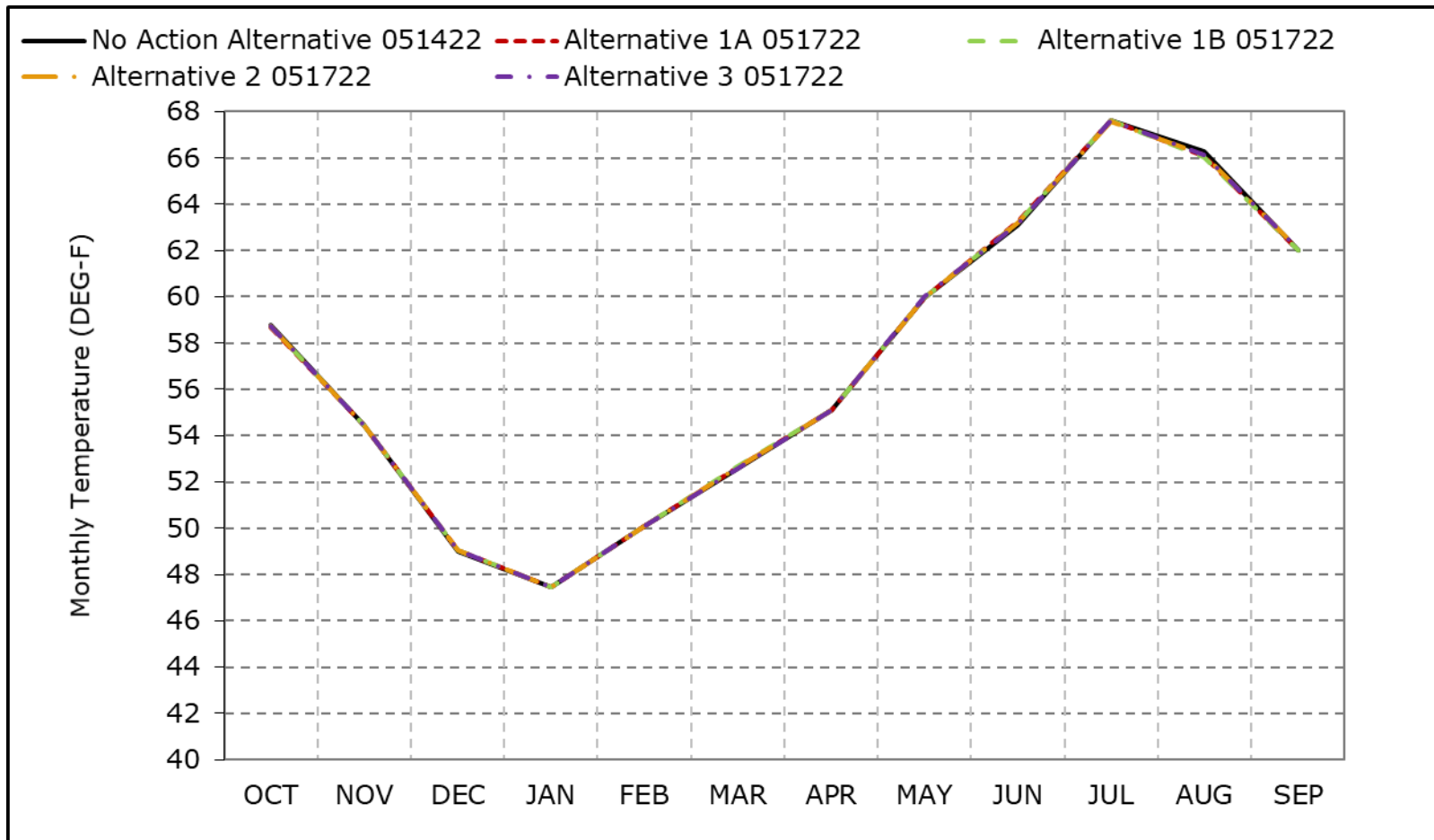


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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

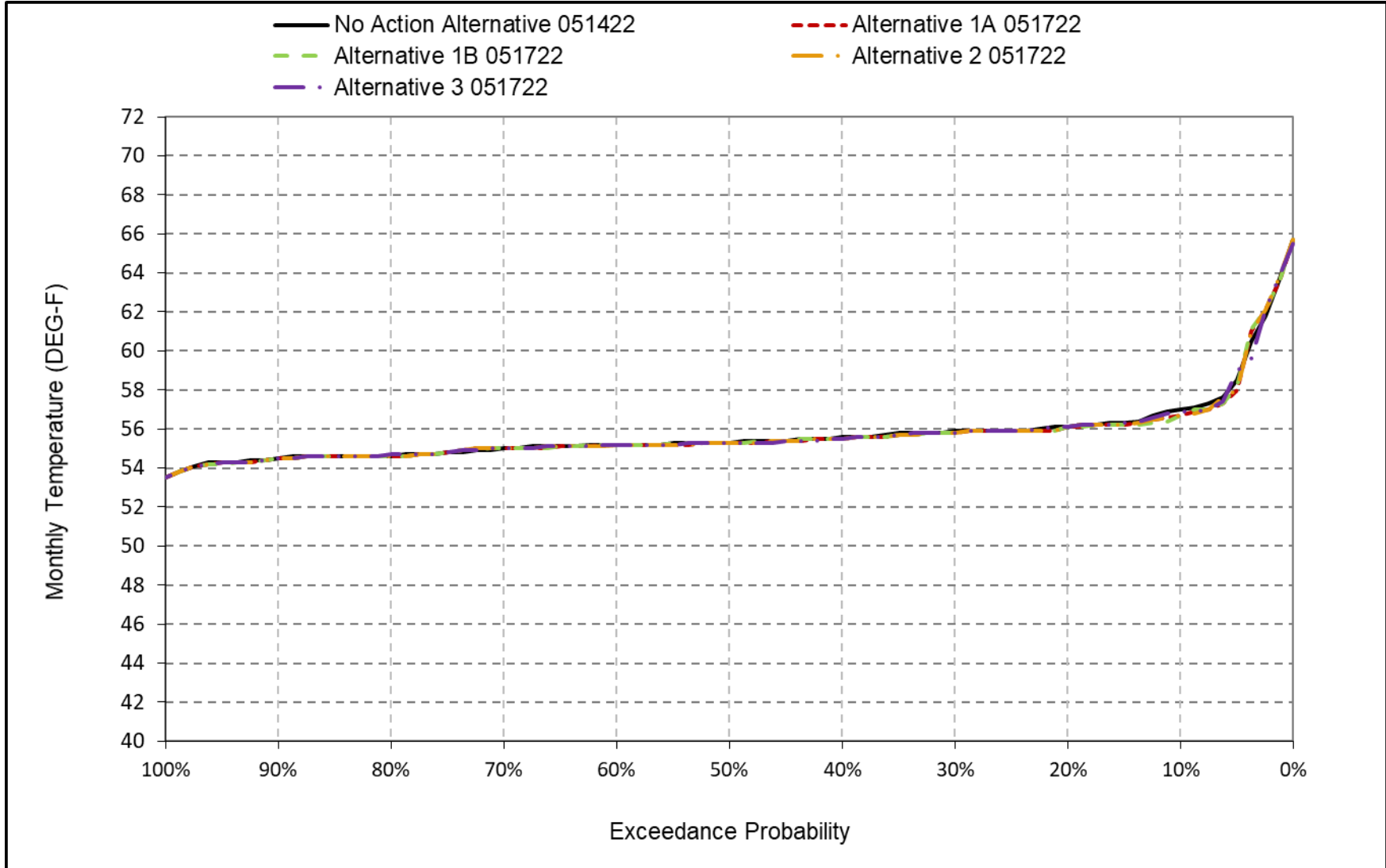


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

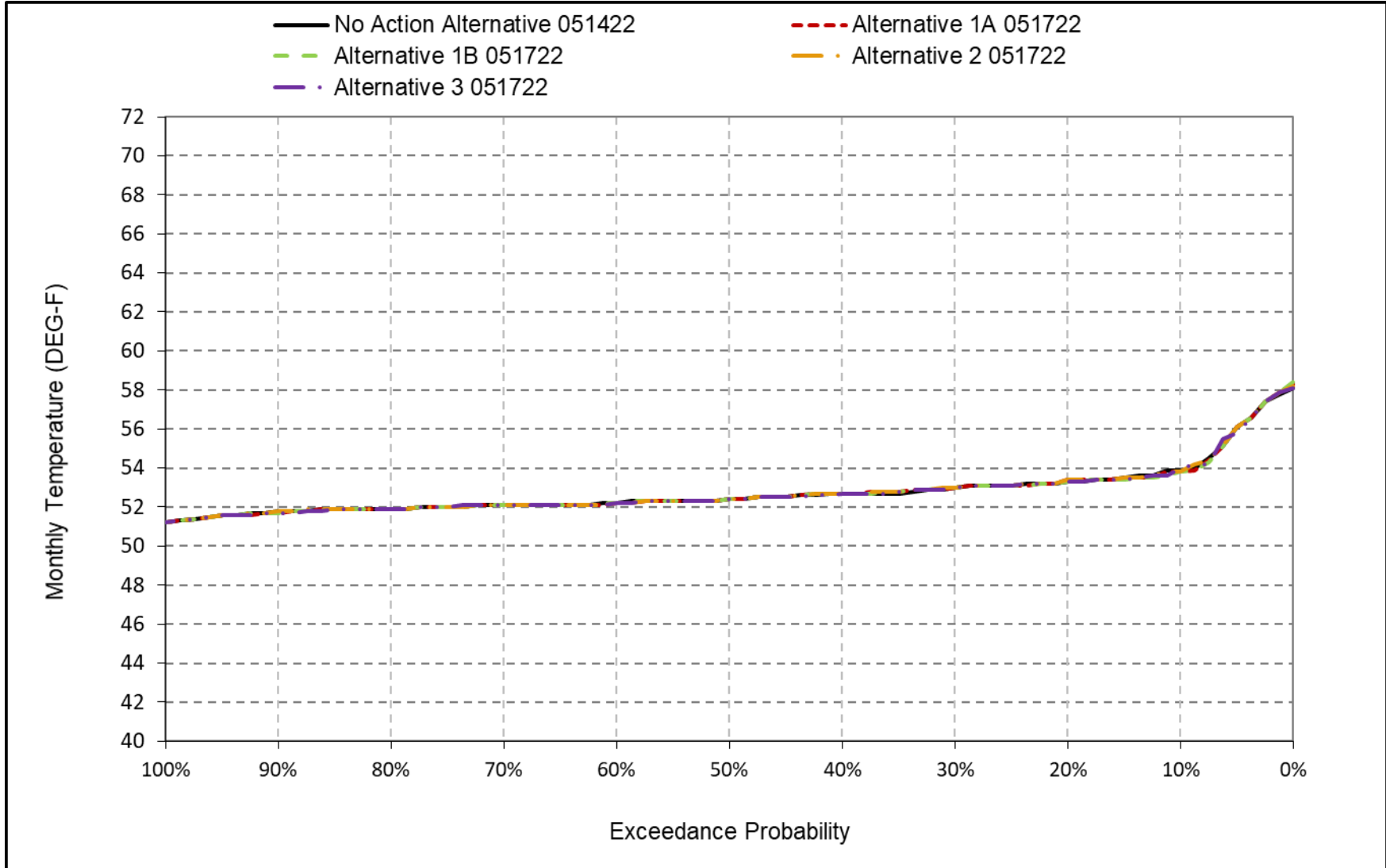
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-17-7. Feather River at Robinson Riffle, October



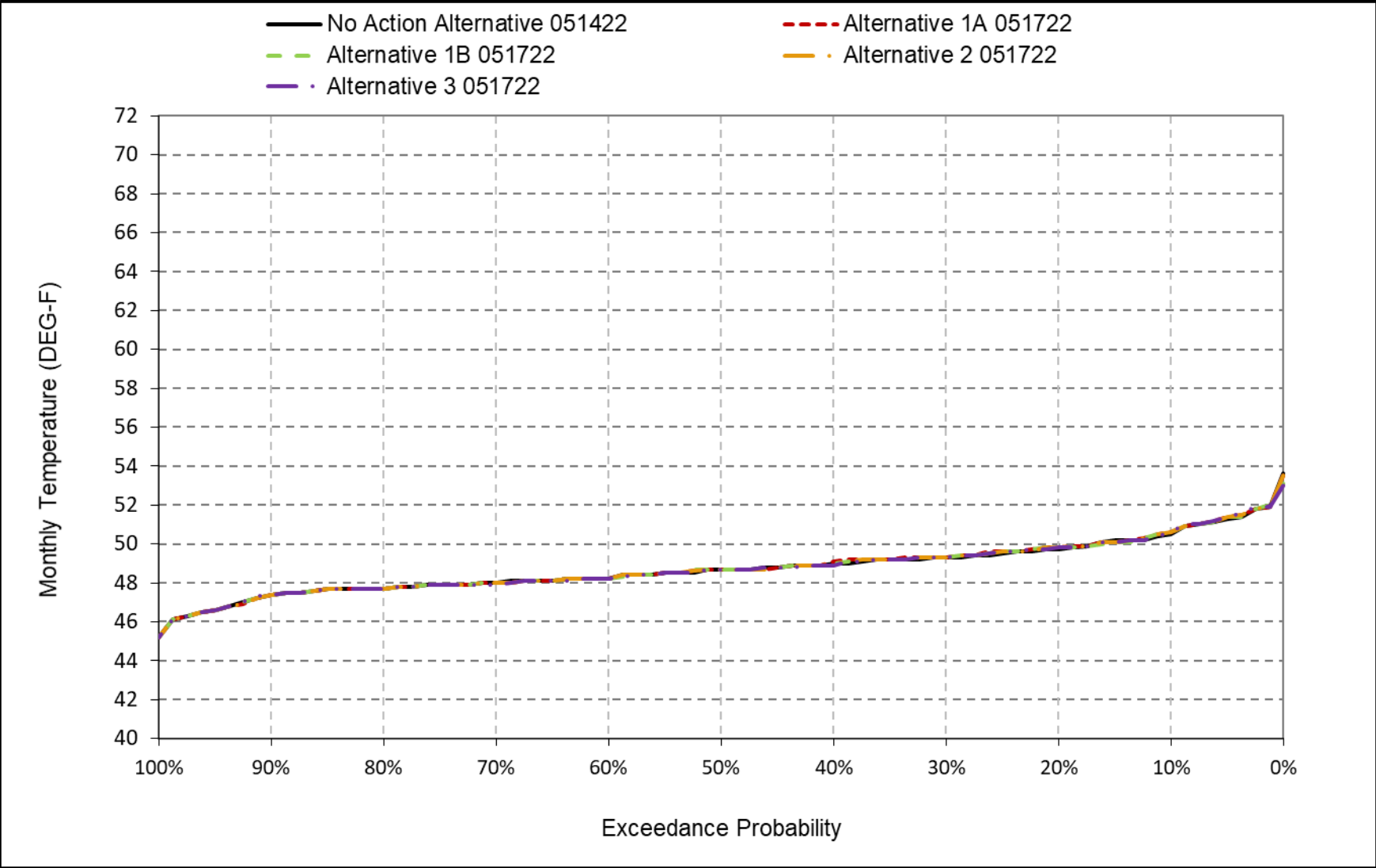
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-17-8. Feather River at Robinson Riffle, November



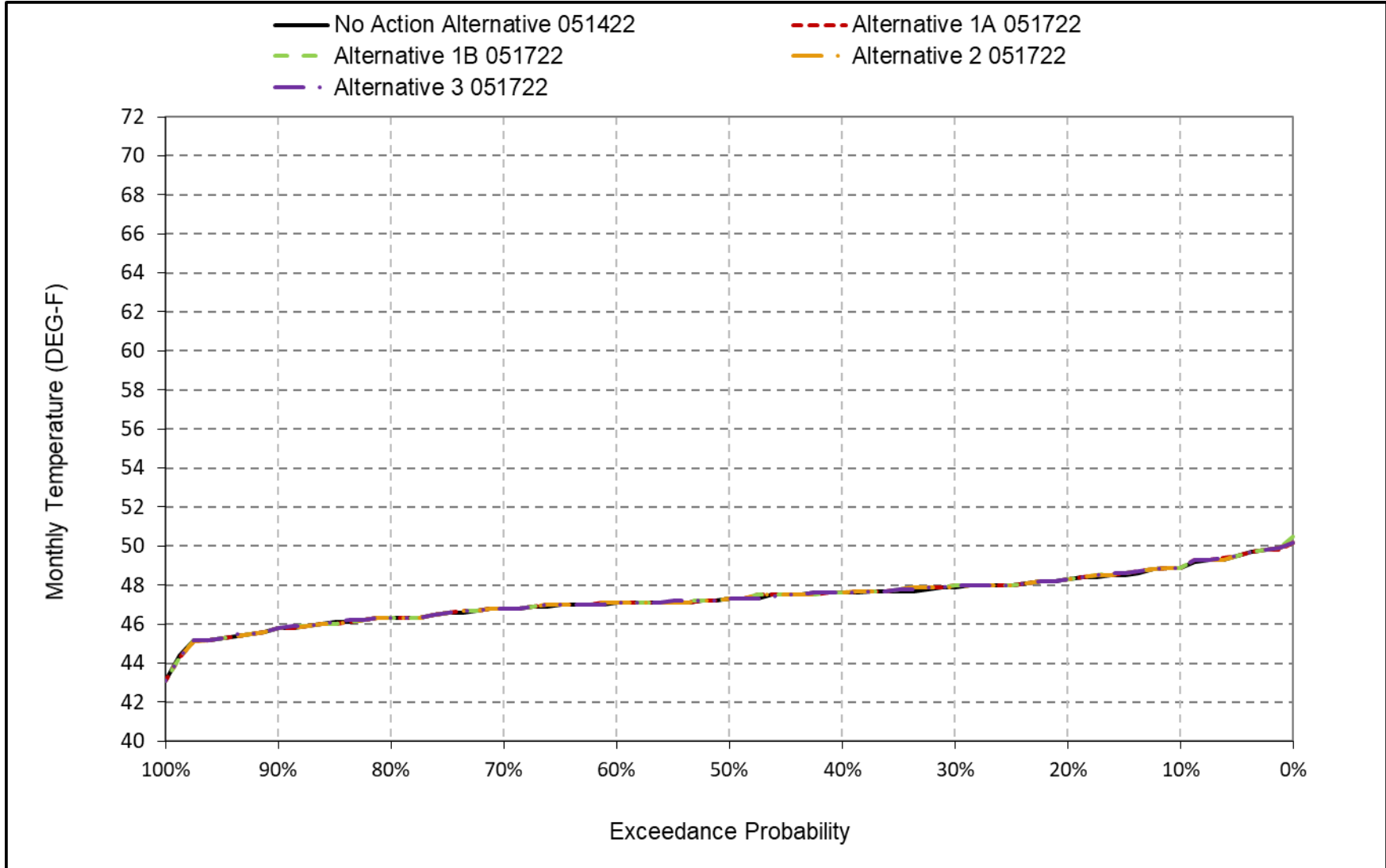
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-17-9. Feather River at Robinson Riffle, December



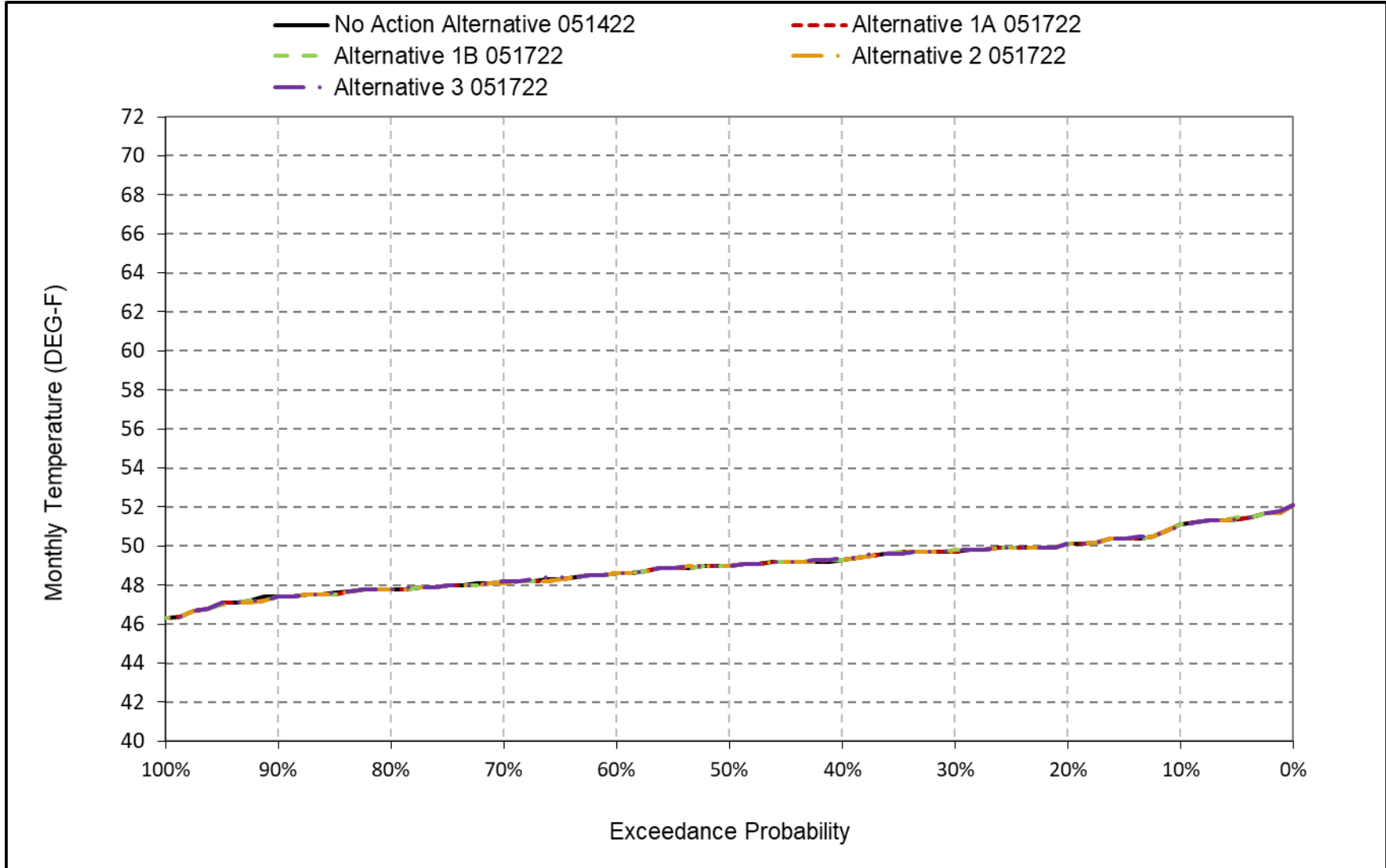
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-17-10. Feather River at Robinson Riffle, January



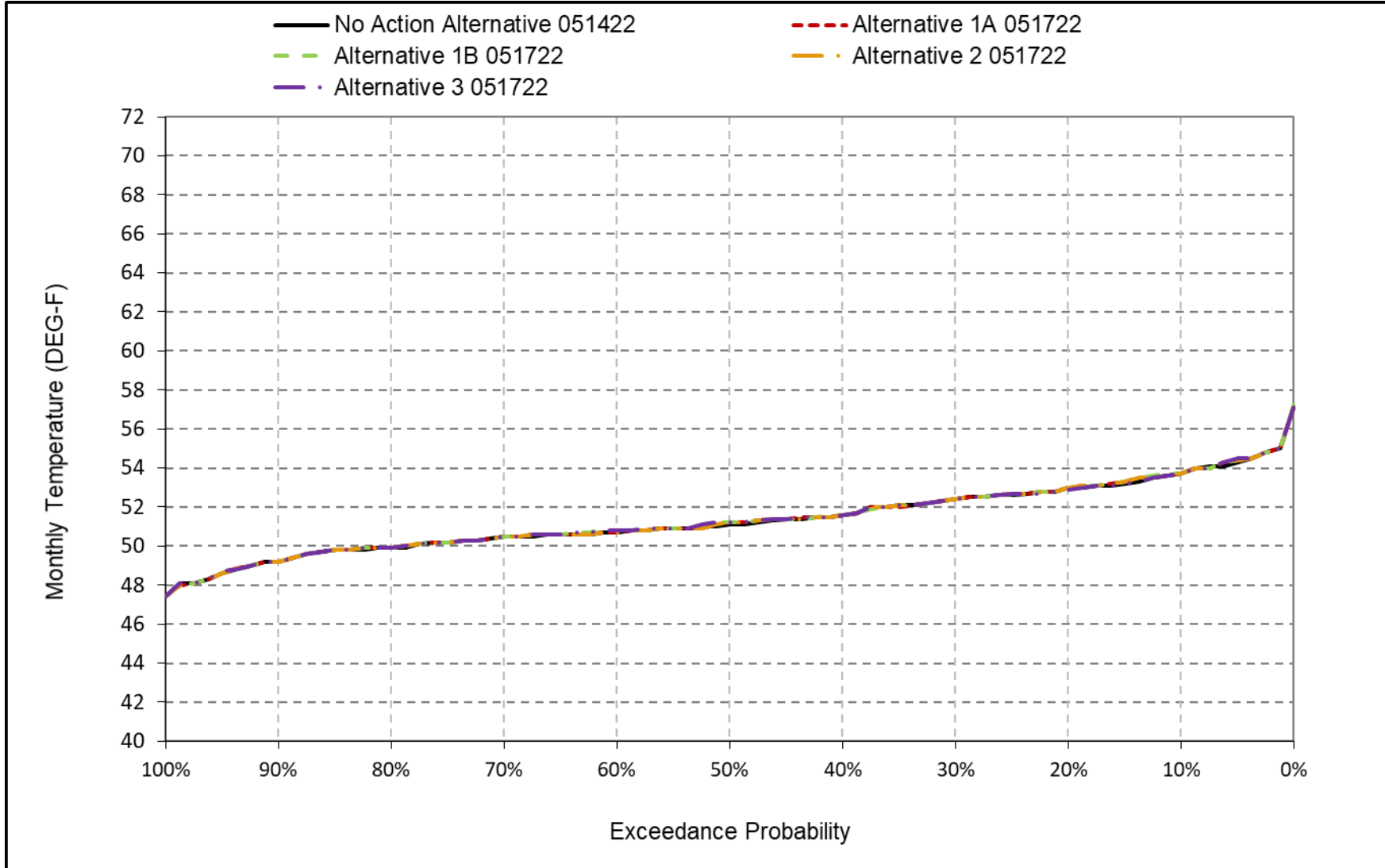
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-17-11. Feather River at Robinson Riffle, February



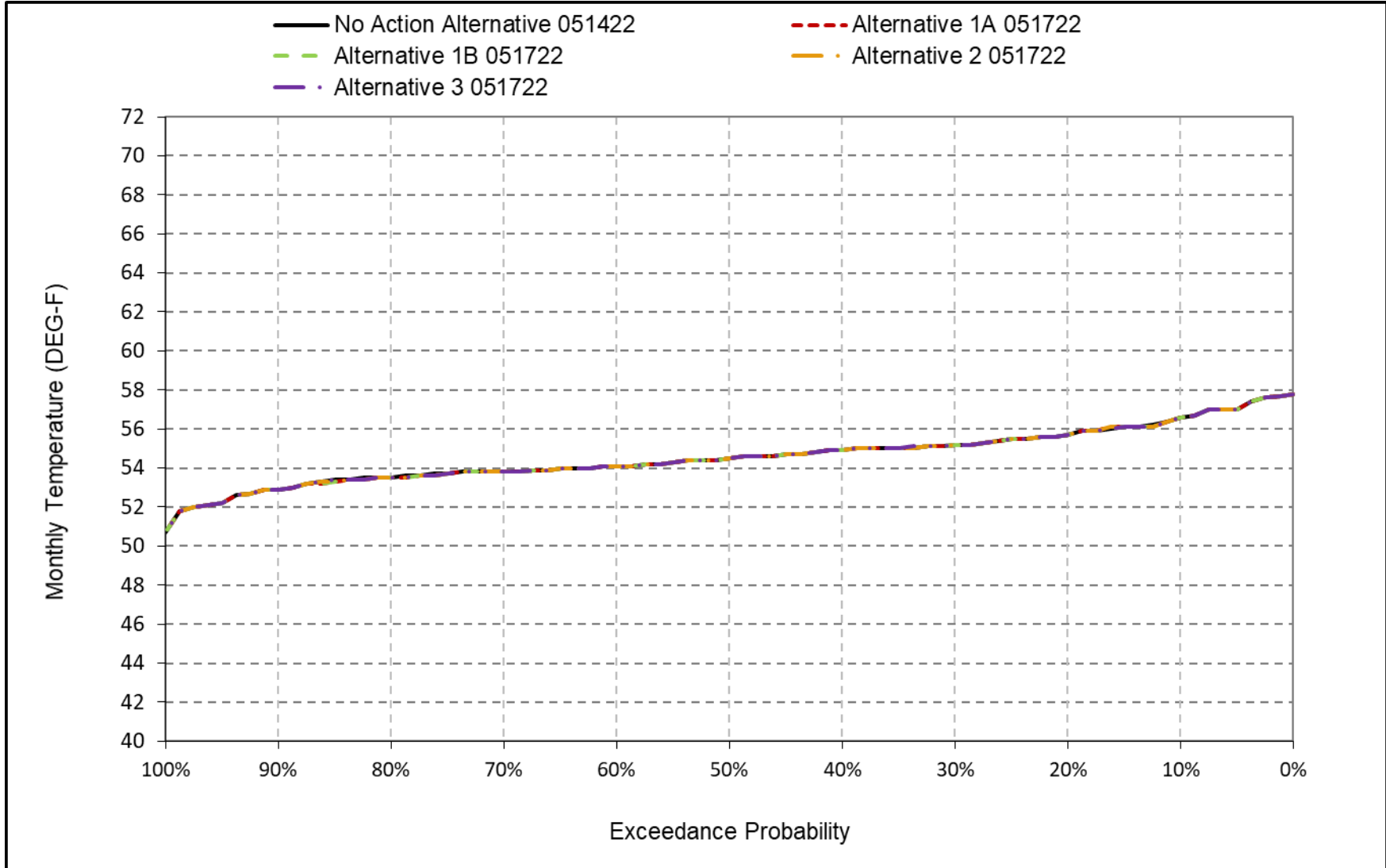
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-17-12. Feather River at Robinson Riffle, March



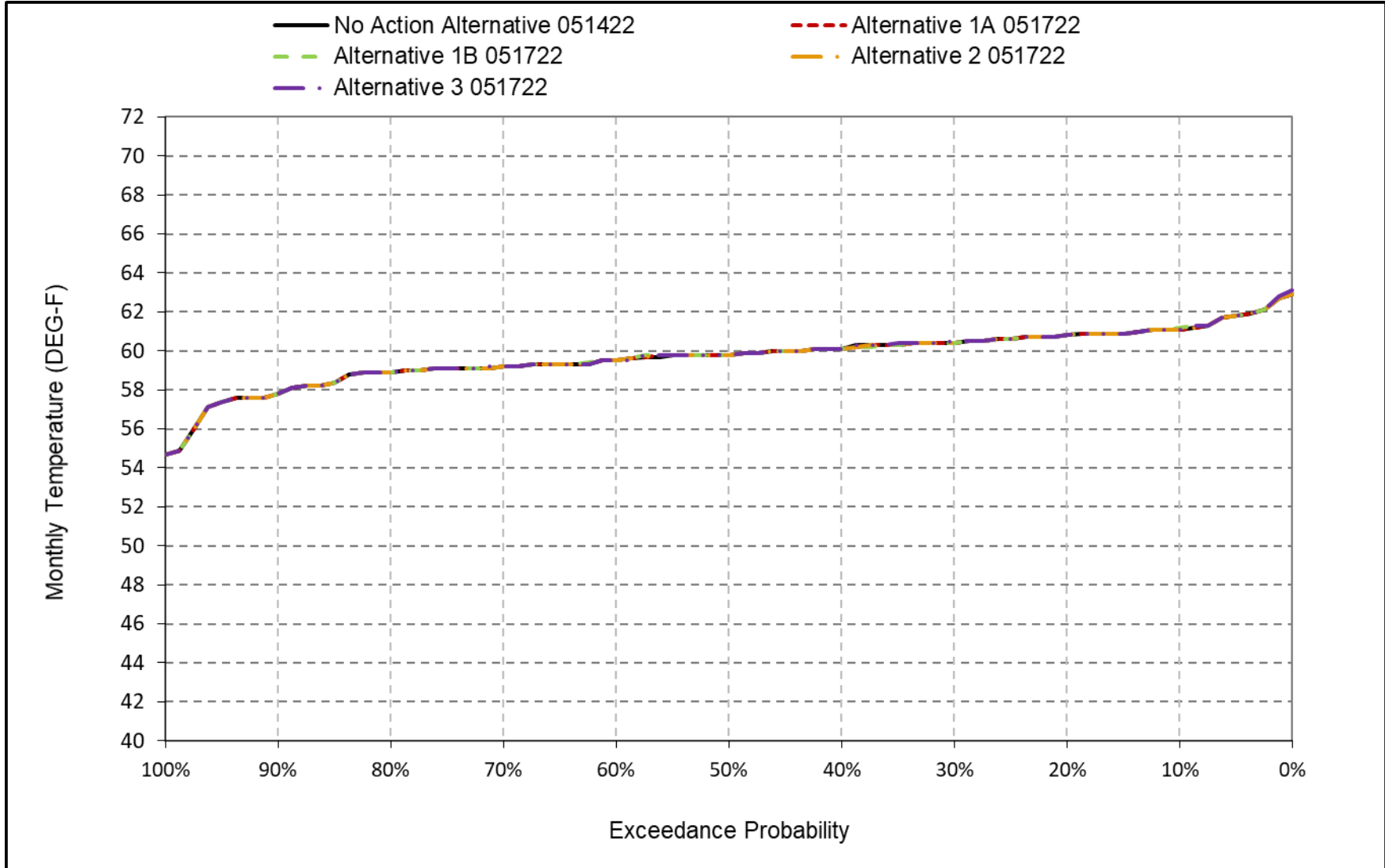
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-17-13. Feather River at Robinson Riffle, April



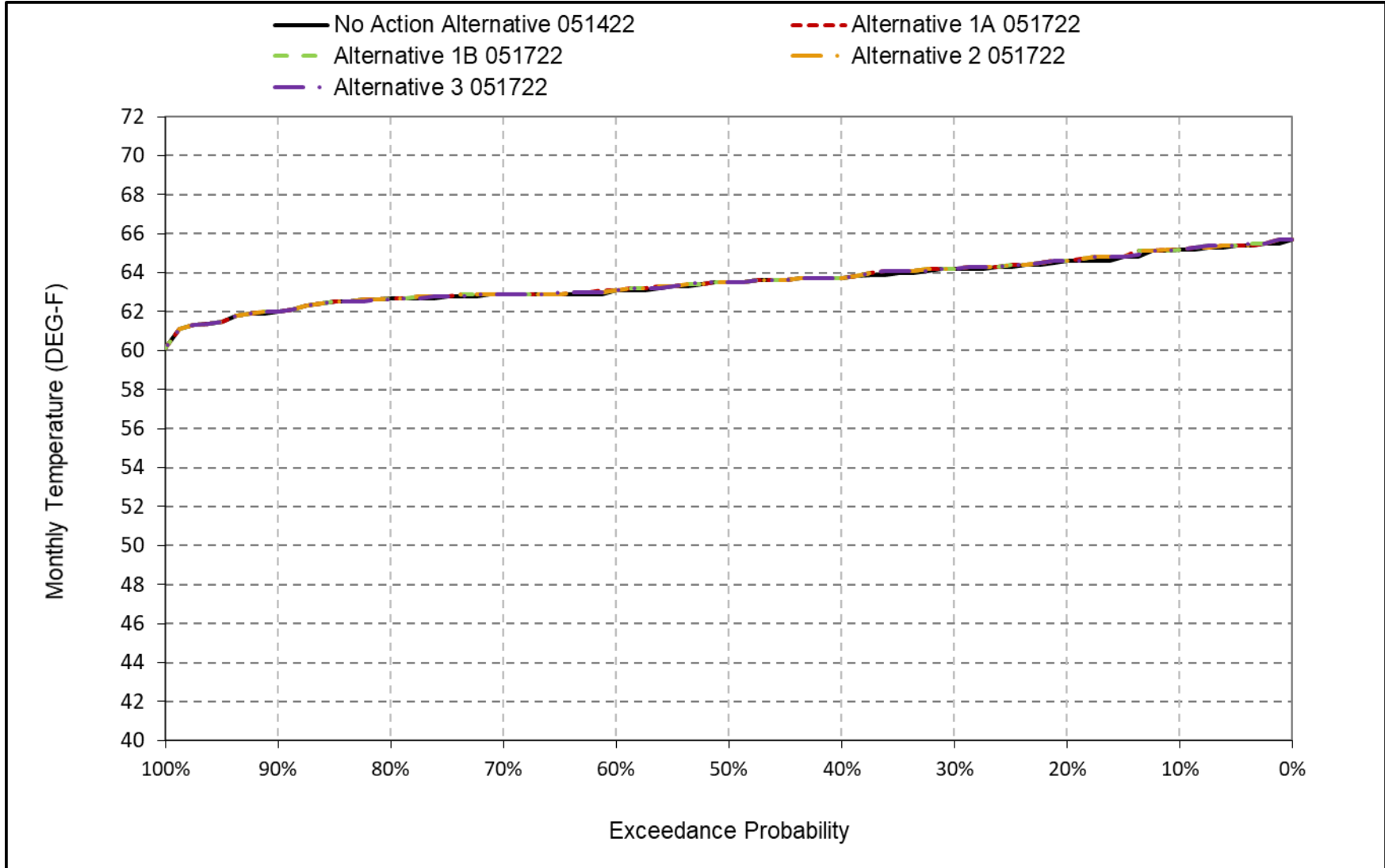
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-17-14. Feather River at Robinson Riffle, May



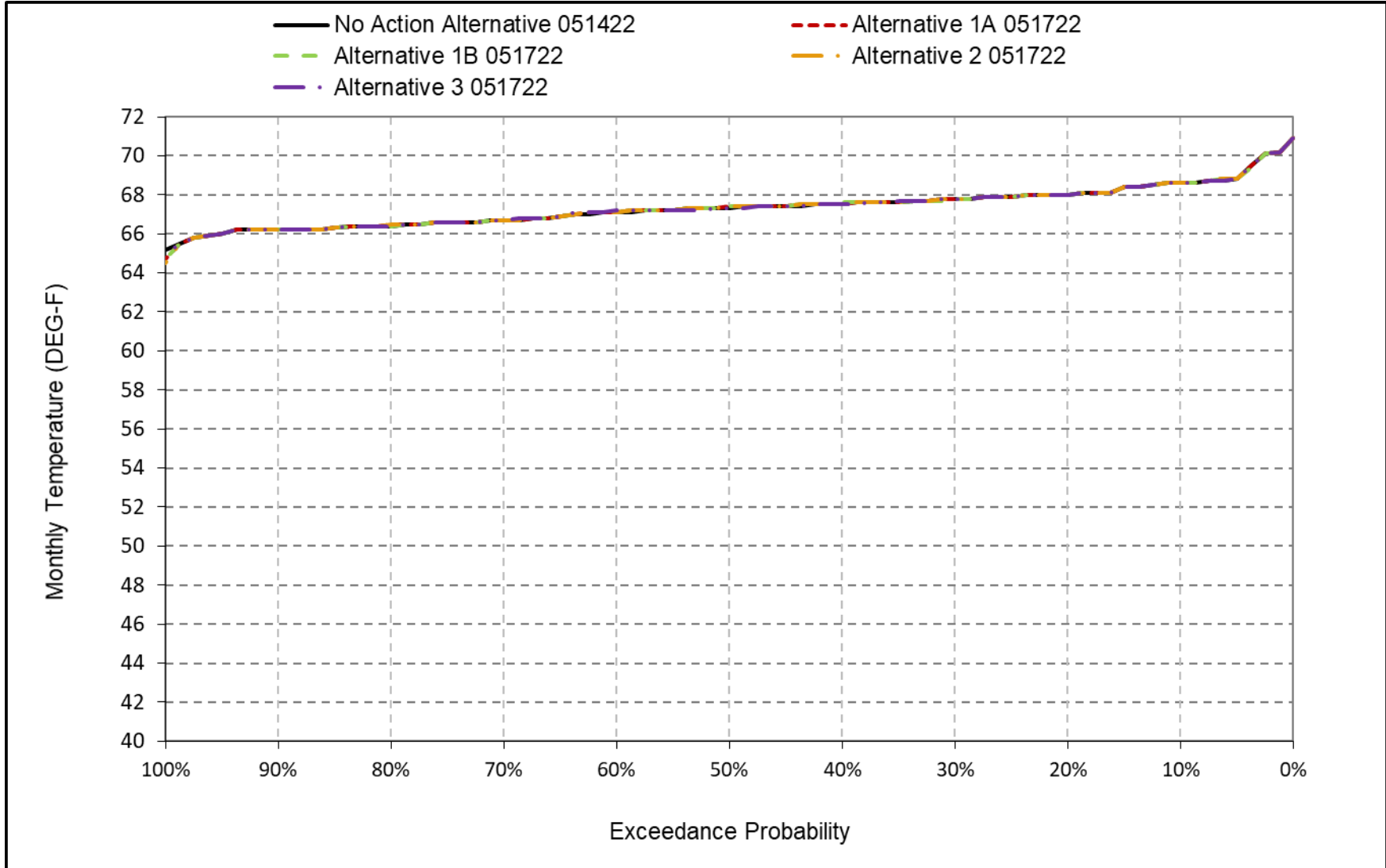
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-17-15. Feather River at Robinson Riffle, June



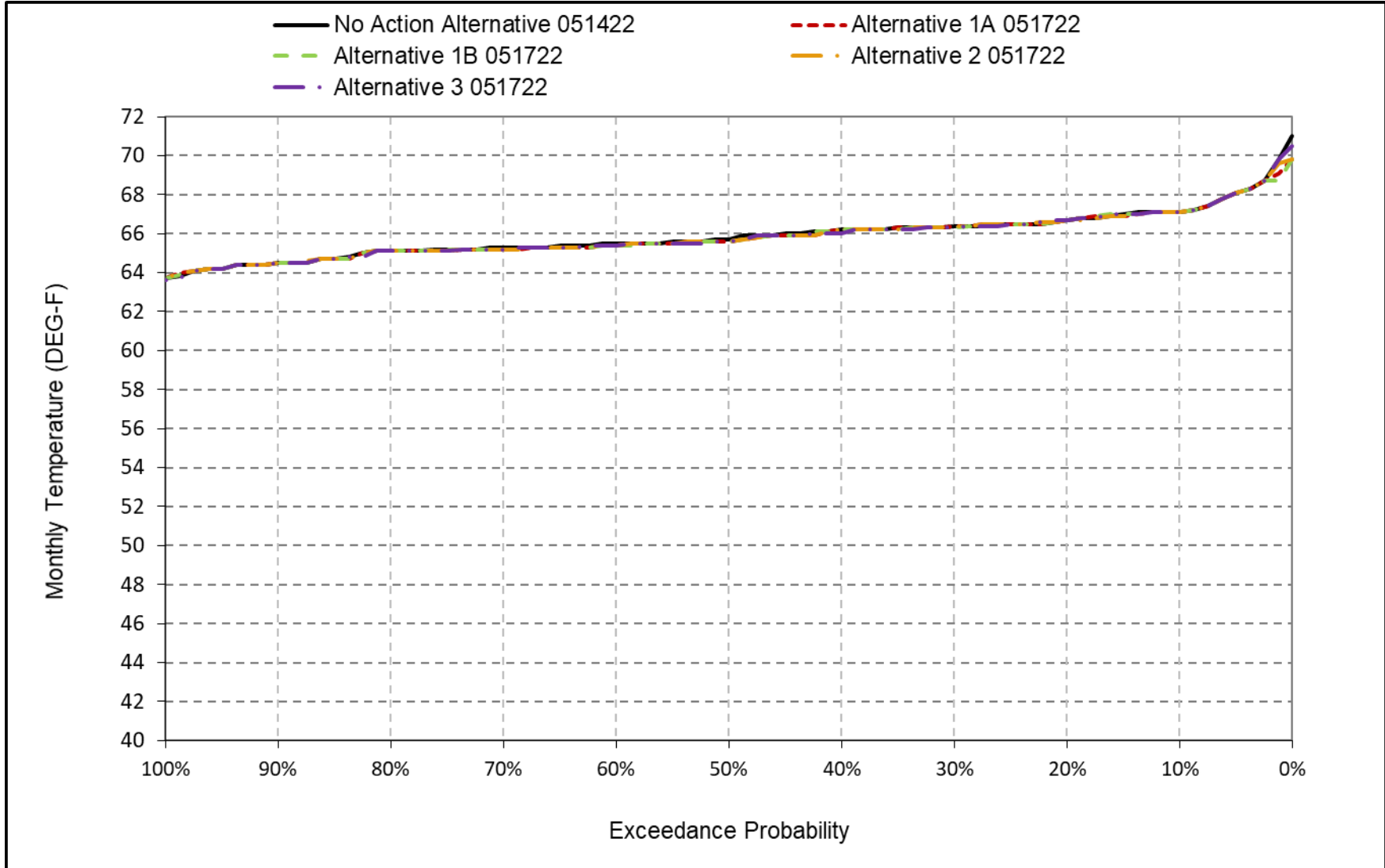
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-17-16. Feather River at Robinson Riffle, July



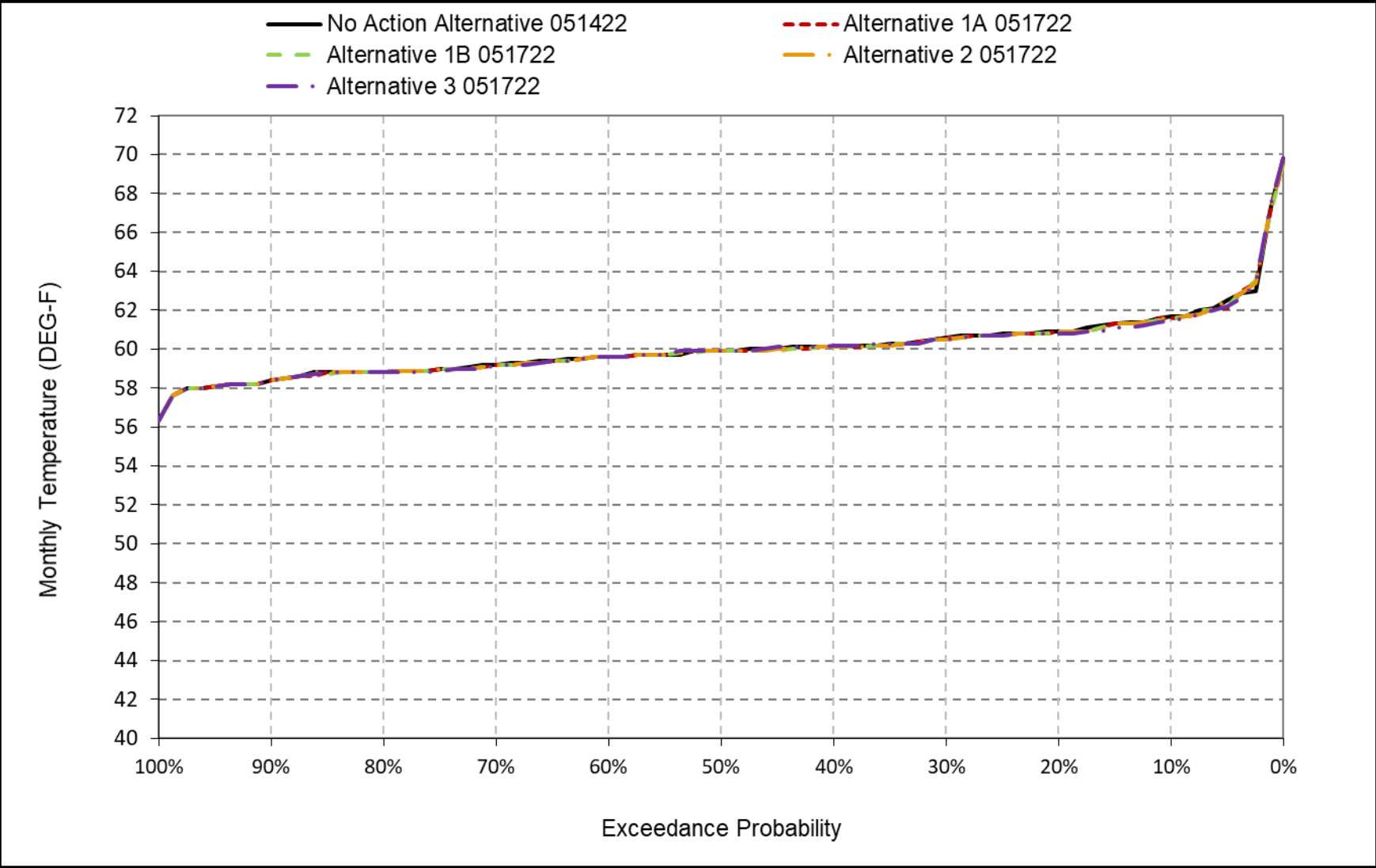
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-17-17. Feather River at Robinson Riffle, August



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

Figure 6C-17-18. Feather River at Robinson Riffle, September



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

Table 6C-18-1a. Feather River at Gridley Bridge, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	60.1	54.9	49.4	48.3	51.8	56.2	60.0	66.3	70.7	74.1	73.1	66.4
20% Exceedance	59.5	54.2	48.9	47.9	51.5	55.0	59.1	65.1	69.7	72.4	71.8	65.9
30% Exceedance	59.0	53.7	48.6	47.5	50.6	54.4	58.3	64.4	69.0	71.1	71.2	65.2
40% Exceedance	58.5	53.1	48.1	47.2	50.2	54.1	58.1	64.1	68.6	70.4	70.3	64.6
50% Exceedance	58.2	52.7	47.6	46.9	49.6	53.4	57.7	63.6	67.9	70.0	69.8	63.9
60% Exceedance	57.9	52.3	47.0	46.1	49.1	52.7	57.3	62.8	67.0	69.4	69.1	62.9
70% Exceedance	57.4	52.1	46.6	45.7	48.7	52.0	56.2	61.5	66.7	69.0	68.5	62.1
80% Exceedance	57.1	51.8	46.3	44.9	48.2	51.1	55.6	60.7	66.1	68.3	67.5	61.7
90% Exceedance	56.8	51.4	45.1	44.1	47.9	50.0	54.5	59.5	64.9	67.6	66.8	60.6
Full Simulation Period Average^a	58.4	53.0	47.6	46.5	49.8	53.3	57.4	63.2	67.8	70.4	69.9	63.8
Wet Water Years (32%)	57.9	52.9	47.7	47.1	49.2	51.5	55.5	61.4	66.5	71.0	70.1	62.9
Above Normal Water Years (15%)	57.8	51.9	47.1	46.6	49.7	53.1	58.2	64.0	68.9	69.1	67.6	61.6
Below Normal Water Years (17%)	58.8	53.0	47.2	46.1	49.7	54.2	58.5	64.1	68.5	69.0	68.0	65.0
Dry Water Years (22%)	58.2	53.2	48.0	45.7	50.1	54.7	58.3	63.9	68.1	69.8	71.4	64.3
Critical Water Years (15%)	60.3	54.1	47.6	46.5	51.1	54.4	58.3	64.3	68.0	73.0	71.7	65.6

Table 6C-18-1b. Feather River at Gridley Bridge, Alternative 1A 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	60.3	54.9	49.6	48.3	51.8	56.2	60.0	66.3	71.0	74.1	73.1	66.4
20% Exceedance	59.6	54.1	48.9	47.9	51.4	55.0	59.1	65.1	70.0	72.5	71.8	65.9
30% Exceedance	59.1	53.8	48.7	47.5	50.6	54.5	58.3	64.4	69.1	71.1	71.1	65.3
40% Exceedance	58.7	53.1	48.1	47.2	50.2	54.1	58.1	64.1	68.7	70.4	70.3	64.6
50% Exceedance	58.3	52.7	47.6	46.9	49.6	53.4	57.6	63.6	67.9	70.0	69.8	63.9
60% Exceedance	58.0	52.3	47.0	46.1	49.1	52.7	57.3	62.8	67.3	69.4	69.1	62.8
70% Exceedance	57.4	52.1	46.6	45.7	48.7	52.0	56.2	61.5	66.7	69.1	68.5	62.1
80% Exceedance	57.1	51.8	46.3	44.9	48.2	51.1	55.6	60.7	66.2	68.4	67.5	61.7
90% Exceedance	56.8	51.4	45.1	44.1	47.9	50.0	54.5	59.5	65.3	67.7	66.8	60.6
Full Simulation Period Average^a	58.5	53.0	47.6	46.5	49.8	53.3	57.4	63.2	67.9	70.5	69.9	63.8
Wet Water Years (32%)	57.9	52.9	47.7	47.1	49.1	51.5	55.5	61.4	66.5	71.0	70.1	62.9
Above Normal Water Years (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 Water Years (17%)	58.8	53.0	47.2	46.2	49.7	54.3	58.5	64.1	68.5	69.2	68.1	65.1
Dry Water Years (22%)	58.4	53.2	48.0	45.8	50.1	54.7	58.3	64.0	68.7	69.9	71.4	64.5
Critical Water Years (15%)	60.4	54.2	47.7	46.5	51.1	54.4	58.3	64.3	68.4	73.0	71.5	65.5

Table 6C-18-1c. Feather River at Gridley Bridge, Alternative 1A 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0
20% Exceedance	0.1	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.3	0.1	0.0	0.0
30% Exceedance	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.0	-0.1	0.1
40% Exceedance	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
50% Exceedance	0.1	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	-0.1	0.0
60% Exceedance	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0
70% Exceedance	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% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
90% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.0
Full Simulation Period Average^a	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0
Wet Water Years (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Above Normal Water Years (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 Water Years (17%)	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.1
Dry Water Years (22%)	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.2	0.0	0.2
Critical Water Years (15%)	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.4	0.0	-0.2	0.0

^a Based on the 82-year simulation period.

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

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

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

Table 6C-18-2a. Feather River at Gridley Bridge, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	60.1	54.9	49.4	48.3	51.8	56.2	60.0	66.3	70.7	74.1	73.1	66.4
20% Exceedance	59.5	54.2	48.9	47.9	51.5	55.0	59.1	65.1	69.7	72.4	71.8	65.9
30% Exceedance	59.0	53.7	48.6	47.5	50.6	54.4	58.3	64.4	69.0	71.1	71.2	65.2
40% Exceedance	58.5	53.1	48.1	47.2	50.2	54.1	58.1	64.1	68.6	70.4	70.3	64.6
50% Exceedance	58.2	52.7	47.6	46.9	49.6	53.4	57.7	63.6	67.9	70.0	69.8	63.9
60% Exceedance	57.9	52.3	47.0	46.1	49.1	52.7	57.3	62.8	67.0	69.4	69.1	62.9
70% Exceedance	57.4	52.1	46.6	45.7	48.7	52.0	56.2	61.5	66.7	69.0	68.5	62.1
80% Exceedance	57.1	51.8	46.3	44.9	48.2	51.1	55.6	60.7	66.1	68.3	67.5	61.7
90% Exceedance	56.8	51.4	45.1	44.1	47.9	50.0	54.5	59.5	64.9	67.6	66.8	60.6
Full Simulation Period Average^a	58.4	53.0	47.6	46.5	49.8	53.3	57.4	63.2	67.8	70.4	69.9	63.8
Wet Water Years (32%)	57.9	52.9	47.7	47.1	49.2	51.5	55.5	61.4	66.5	71.0	70.1	62.9
Above Normal Water Years (15%)	57.8	51.9	47.1	46.6	49.7	53.1	58.2	64.0	68.9	69.1	67.6	61.6
Below Normal Water Years (17%)	58.8	53.0	47.2	46.1	49.7	54.2	58.5	64.1	68.5	69.0	68.0	65.0
Dry Water Years (22%)	58.2	53.2	48.0	45.7	50.1	54.7	58.3	63.9	68.1	69.8	71.4	64.3
Critical Water Years (15%)	60.3	54.1	47.6	46.5	51.1	54.4	58.3	64.3	68.0	73.0	71.7	65.6

Table 6C-18-2b. Feather River at Gridley Bridge, Alternative 1B 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	60.5	54.9	49.7	48.3	51.8	56.2	60.0	66.3	70.7	74.1	73.2	66.3
20% Exceedance	59.6	54.1	48.9	47.9	51.4	55.0	59.1	65.1	70.0	72.5	71.8	65.9
30% Exceedance	59.1	53.7	48.5	47.5	50.6	54.6	58.3	64.4	69.1	71.1	71.1	65.2
40% Exceedance	58.7	53.1	48.1	47.2	50.2	54.1	58.1	64.1	68.7	70.4	70.3	64.6
50% Exceedance	58.2	52.7	47.6	46.9	49.6	53.4	57.6	63.6	67.9	70.0	69.8	63.9
60% Exceedance	58.0	52.3	46.9	46.1	49.1	52.7	57.3	62.8	67.4	69.4	69.1	62.8
70% Exceedance	57.4	52.2	46.6	45.7	48.7	52.0	56.2	61.6	66.8	69.1	68.5	62.1
80% Exceedance	57.1	51.8	46.3	44.9	48.2	51.1	55.6	60.7	66.2	68.4	67.5	61.7
90% Exceedance	56.8	51.4	45.1	44.1	47.9	50.0	54.5	59.5	65.3	67.8	66.8	60.6
Full Simulation Period Average^a	58.5	53.0	47.6	46.5	49.8	53.3	57.4	63.2	67.9	70.5	69.9	63.8
Wet Water Years (32%)	57.9	52.9	47.7	47.1	49.1	51.5	55.5	61.4	66.5	71.0	70.1	62.8
Above Normal Water Years (15%)	57.8	51.9	47.1	46.6	49.7	53.1	58.1	64.0	68.9	69.1	67.6	61.5
Below Normal Water Years (17%)	58.9	53.0	47.2	46.2	49.7	54.3	58.5	64.1	68.5	69.2	68.1	65.1
Dry Water Years (22%)	58.4	53.2	48.0	45.8	50.1	54.7	58.3	64.0	68.7	69.9	71.4	64.5
Critical Water Years (15%)	60.4	54.1	47.7	46.5	51.1	54.4	58.3	64.3	68.4	73.0	71.5	65.6

Table 6C-18-2c. Feather River at Gridley Bridge, Alternative 1B 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0.4	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1
20% Exceedance	0.1	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.3	0.1	0.0	0.0
30% Exceedance	0.1	0.0	-0.1	0.0	0.0	0.2	0.0	0.0	0.1	0.0	-0.1	0.0
40% Exceedance	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
50% Exceedance	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	-0.1	0.0
60% Exceedance	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0
70% Exceedance	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
80% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
90% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.2	0.0	0.0
Full Simulation Period Average^a	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
Wet Water Years (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2
Above Normal Water Years (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 Water Years (17%)	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.1
Dry Water Years (22%)	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.1	0.0	0.2
Critical Water Years (15%)	0.1	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	0.4	0.0	-0.2	0.0

^a Based on the 82-year simulation period.

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

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

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

Table 6C-18-3a. Feather River at Gridley Bridge, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	60.1	54.9	49.4	48.3	51.8	56.2	60.0	66.3	70.7	74.1	73.1	66.4
20% Exceedance	59.5	54.2	48.9	47.9	51.5	55.0	59.1	65.1	69.7	72.4	71.8	65.9
30% Exceedance	59.0	53.7	48.6	47.5	50.6	54.4	58.3	64.4	69.0	71.1	71.2	65.2
40% Exceedance	58.5	53.1	48.1	47.2	50.2	54.1	58.1	64.1	68.6	70.4	70.3	64.6
50% Exceedance	58.2	52.7	47.6	46.9	49.6	53.4	57.7	63.6	67.9	70.0	69.8	63.9
60% Exceedance	57.9	52.3	47.0	46.1	49.1	52.7	57.3	62.8	67.0	69.4	69.1	62.9
70% Exceedance	57.4	52.1	46.6	45.7	48.7	52.0	56.2	61.5	66.7	69.0	68.5	62.1
80% Exceedance	57.1	51.8	46.3	44.9	48.2	51.1	55.6	60.7	66.1	68.3	67.5	61.7
90% Exceedance	56.8	51.4	45.1	44.1	47.9	50.0	54.5	59.5	64.9	67.6	66.8	60.6
Full Simulation Period Average^a	58.4	53.0	47.6	46.5	49.8	53.3	57.4	63.2	67.8	70.4	69.9	63.8
Wet Water Years (32%)	57.9	52.9	47.7	47.1	49.2	51.5	55.5	61.4	66.5	71.0	70.1	62.9
Above Normal Water Years (15%)	57.8	51.9	47.1	46.6	49.7	53.1	58.2	64.0	68.9	69.1	67.6	61.6
Below Normal Water Years (17%)	58.8	53.0	47.2	46.1	49.7	54.2	58.5	64.1	68.5	69.0	68.0	65.0
Dry Water Years (22%)	58.2	53.2	48.0	45.7	50.1	54.7	58.3	63.9	68.1	69.8	71.4	64.3
Critical Water Years (15%)	60.3	54.1	47.6	46.5	51.1	54.4	58.3	64.3	68.0	73.0	71.7	65.6

Table 6C-18-3b. Feather River at Gridley Bridge, Alternative 2 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	60.3	54.9	49.5	48.3	51.8	56.2	60.0	66.3	71.0	74.1	73.1	66.4
20% Exceedance	59.6	54.1	48.9	47.9	51.4	55.0	59.1	65.1	70.0	72.6	71.8	65.9
30% Exceedance	59.1	53.8	48.6	47.5	50.6	54.5	58.3	64.4	69.1	71.1	71.2	65.2
40% Exceedance	58.7	53.1	48.1	47.2	50.2	54.1	58.1	64.1	68.7	70.4	70.3	64.6
50% Exceedance	58.3	52.7	47.6	46.9	49.6	53.4	57.6	63.6	67.9	70.0	69.8	64.0
60% Exceedance	58.0	52.3	47.0	46.1	49.1	52.7	57.3	62.8	67.3	69.4	69.1	62.8
70% Exceedance	57.4	52.2	46.6	45.7	48.7	52.0	56.2	61.5	66.7	69.1	68.5	62.1
80% Exceedance	57.1	51.8	46.3	44.9	48.2	51.1	55.6	60.7	66.2	68.4	67.5	61.7
90% Exceedance	56.8	51.4	45.1	44.1	47.9	50.0	54.5	59.5	65.3	67.6	66.8	60.6
Full Simulation Period Average^a	58.5	53.0	47.6	46.5	49.8	53.3	57.4	63.2	67.9	70.5	69.9	63.8
Wet Water Years (32%)	57.9	52.9	47.7	47.1	49.1	51.5	55.5	61.4	66.5	71.0	70.1	62.8
Above Normal Water Years (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 Water Years (17%)	58.9	53.0	47.2	46.2	49.7	54.3	58.5	64.1	68.5	69.2	68.1	65.1
Dry Water Years (22%)	58.4	53.2	48.0	45.8	50.1	54.7	58.3	64.0	68.7	69.9	71.4	64.5
Critical Water Years (15%)	60.4	54.2	47.6	46.5	51.1	54.4	58.3	64.3	68.4	73.0	71.6	65.6

Table 6C-18-3c. Feather River at Gridley Bridge, Alternative 2 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0
20% Exceedance	0.1	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.3	0.2	0.0	0.0
30% Exceedance	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0
40% Exceedance	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
50% Exceedance	0.1	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	-0.1	0.0
60% Exceedance	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0
70% Exceedance	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
80% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
90% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0
Full Simulation Period Average^a	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0
Wet Water Years (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Above Normal Water Years (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 Water Years (17%)	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
Dry Water Years (22%)	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.1
Critical Water Years (15%)	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	-0.2	0.0

^a Based on the 82-year simulation period.

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

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

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

Table 6C-18-4a. Feather River at Gridley Bridge, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	60.1	54.9	49.4	48.3	51.8	56.2	60.0	66.3	70.7	74.1	73.1	66.4
20% Exceedance	59.5	54.2	48.9	47.9	51.5	55.0	59.1	65.1	69.7	72.4	71.8	65.9
30% Exceedance	59.0	53.7	48.6	47.5	50.6	54.4	58.3	64.4	69.0	71.1	71.2	65.2
40% Exceedance	58.5	53.1	48.1	47.2	50.2	54.1	58.1	64.1	68.6	70.4	70.3	64.6
50% Exceedance	58.2	52.7	47.6	46.9	49.6	53.4	57.7	63.6	67.9	70.0	69.8	63.9
60% Exceedance	57.9	52.3	47.0	46.1	49.1	52.7	57.3	62.8	67.0	69.4	69.1	62.9
70% Exceedance	57.4	52.1	46.6	45.7	48.7	52.0	56.2	61.5	66.7	69.0	68.5	62.1
80% Exceedance	57.1	51.8	46.3	44.9	48.2	51.1	55.6	60.7	66.1	68.3	67.5	61.7
90% Exceedance	56.8	51.4	45.1	44.1	47.9	50.0	54.5	59.5	64.9	67.6	66.8	60.6
Full Simulation Period Average^a	58.4	53.0	47.6	46.5	49.8	53.3	57.4	63.2	67.8	70.4	69.9	63.8
Wet Water Years (32%)	57.9	52.9	47.7	47.1	49.2	51.5	55.5	61.4	66.5	71.0	70.1	62.9
Above Normal Water Years (15%)	57.8	51.9	47.1	46.6	49.7	53.1	58.2	64.0	68.9	69.1	67.6	61.6
Below Normal Water Years (17%)	58.8	53.0	47.2	46.1	49.7	54.2	58.5	64.1	68.5	69.0	68.0	65.0
Dry Water Years (22%)	58.2	53.2	48.0	45.7	50.1	54.7	58.3	63.9	68.1	69.8	71.4	64.3
Critical Water Years (15%)	60.3	54.1	47.6	46.5	51.1	54.4	58.3	64.3	68.0	73.0	71.7	65.6

Table 6C-18-4b. Feather River at Gridley Bridge, Alternative 3 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	60.2	54.9	49.4	48.3	51.8	56.2	60.0	66.2	70.7	74.1	73.2	66.6
20% Exceedance	59.6	54.2	49.1	47.9	51.5	55.2	59.1	65.1	70.0	72.4	71.6	65.9
30% Exceedance	59.1	53.7	48.5	47.5	50.6	54.5	58.3	64.3	69.1	71.1	71.1	65.2
40% Exceedance	58.7	53.1	48.1	47.2	50.2	54.1	58.1	64.1	68.7	70.5	70.3	64.6
50% Exceedance	58.3	52.7	47.7	46.9	49.6	53.4	57.7	63.5	68.0	70.0	69.8	63.9
60% Exceedance	58.0	52.3	47.0	46.1	49.1	52.7	57.3	62.8	67.4	69.4	69.1	62.9
70% Exceedance	57.4	52.1	46.6	45.7	48.7	52.0	56.2	61.6	66.9	69.1	68.5	62.1
80% Exceedance	57.1	51.8	46.3	45.0	48.2	51.1	55.6	60.7	66.1	68.4	67.4	61.7
90% Exceedance	56.8	51.4	45.1	44.1	47.9	50.0	54.5	59.5	65.2	67.7	66.8	60.7
Full Simulation Period Average^a	58.5	53.0	47.6	46.5	49.8	53.3	57.4	63.2	67.9	70.5	69.9	63.8
Wet Water Years (32%)	57.9	52.9	47.7	47.1	49.1	51.5	55.5	61.4	66.5	71.0	70.1	62.8
Above Normal Water Years (15%)	57.8	51.9	47.1	46.6	49.7	53.2	58.2	64.0	68.9	69.2	67.6	61.5
Below Normal Water Years (17%)	58.9	53.0	47.1	46.1	49.7	54.2	58.5	64.1	68.5	69.2	68.0	65.0
Dry Water Years (22%)	58.3	53.1	48.0	45.8	50.1	54.7	58.3	63.9	68.7	69.8	71.4	64.5
Critical Water Years (15%)	60.2	54.1	47.6	46.5	51.1	54.4	58.3	64.3	68.3	73.0	71.5	65.7

Table 6C-18-4c. Feather River at Gridley Bridge, Alternative 3 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	0.2
20% Exceedance	0.1	0.0	0.2	0.0	0.0	0.2	0.0	0.0	0.3	0.0	-0.2	0.0
30% Exceedance	0.1	0.0	-0.1	0.0	0.0	0.1	0.0	-0.1	0.1	0.0	-0.1	0.0
40% Exceedance	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1
50% Exceedance	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0
60% Exceedance	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0
70% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0
80% Exceedance	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0
90% Exceedance	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.1
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0
Wet Water Years (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Above Normal Water Years (15%)	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.0	0.0
Below Normal Water Years (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 Water Years (22%)	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.2
Critical Water Years (15%)	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.3	0.0	-0.2	0.1

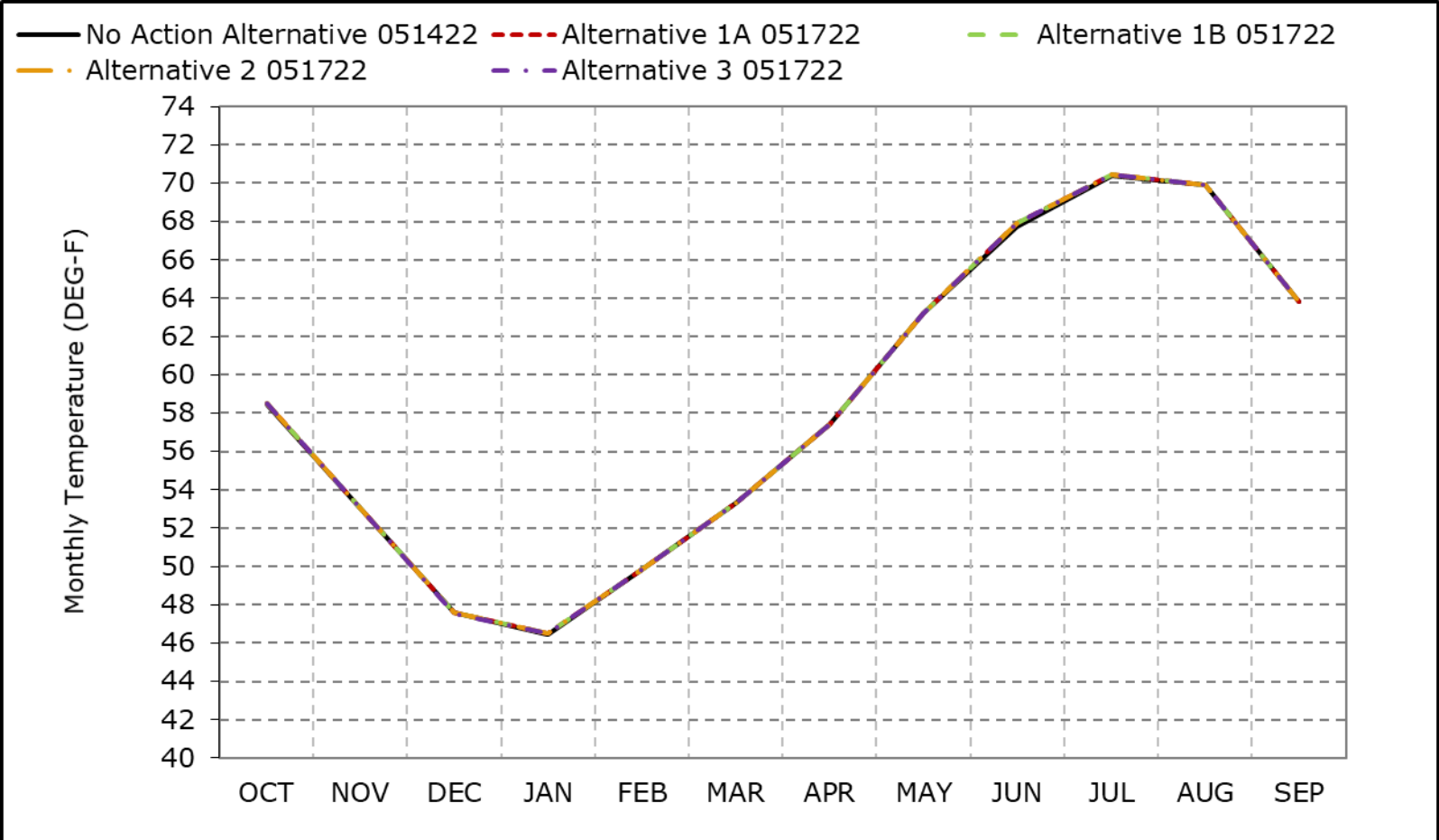
^a Based on the 82-year simulation period.

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

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

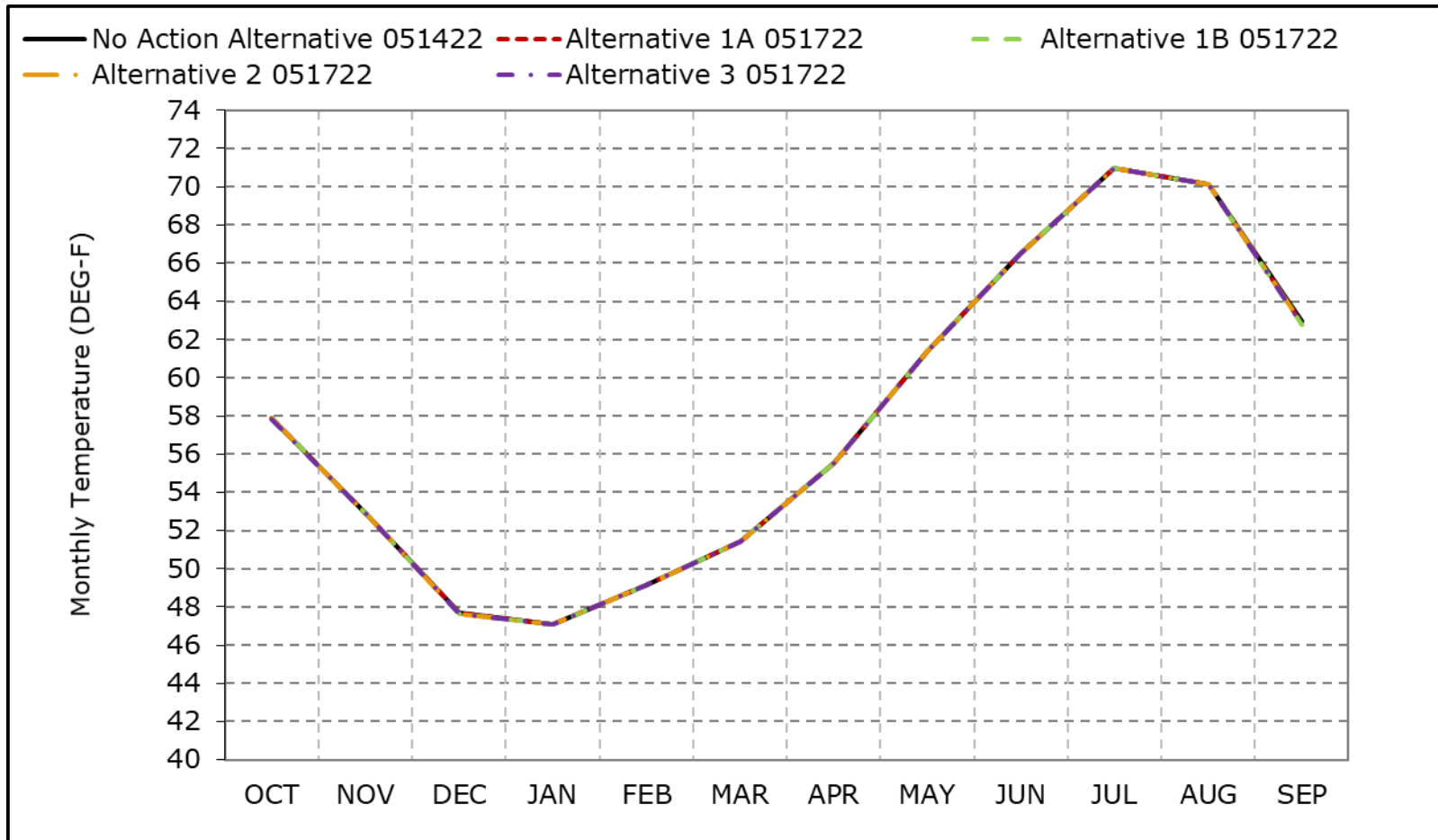
* All scenarios are simulated at current climate and 0 cm sea level rise.

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

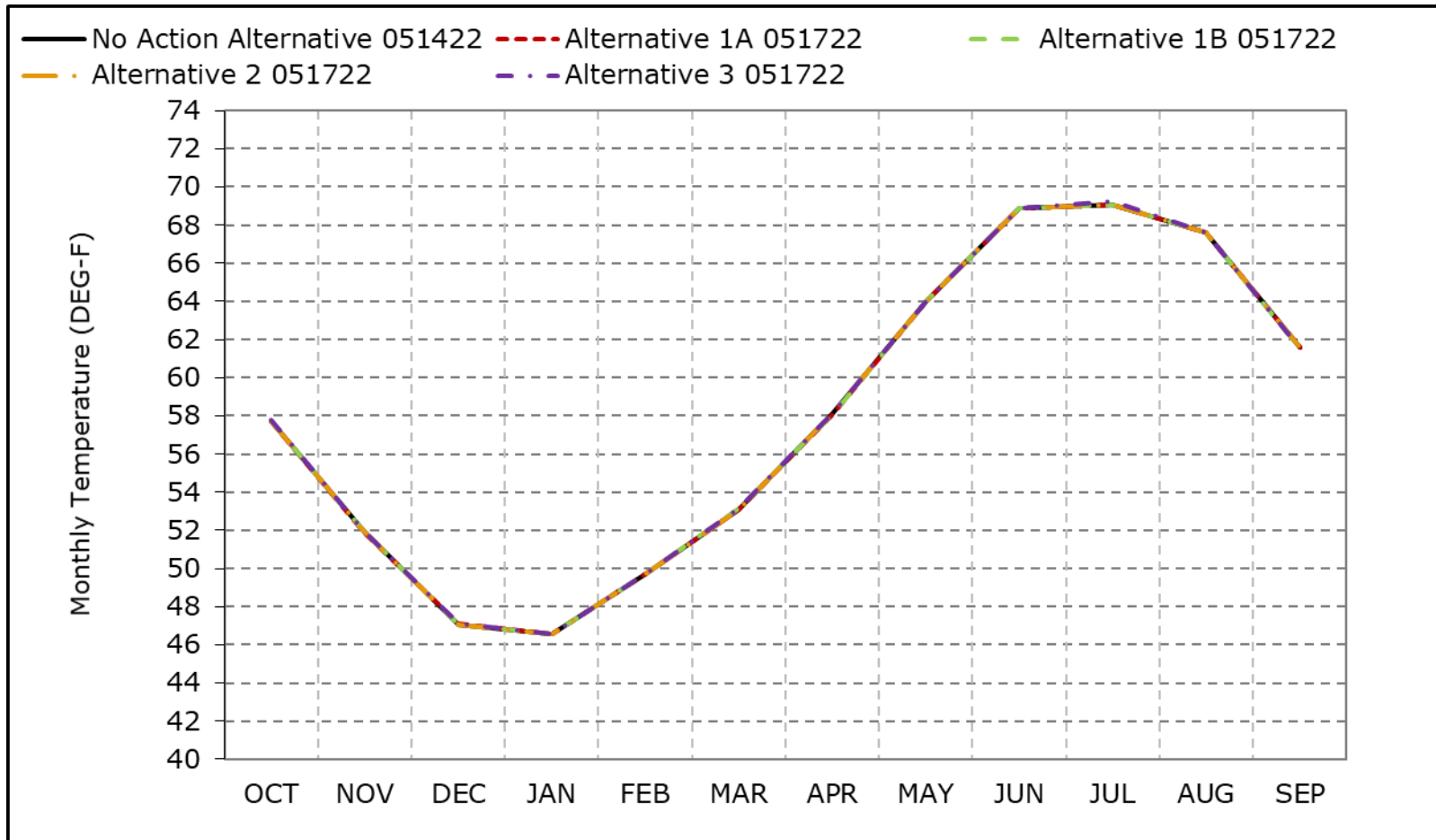


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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 Temperature

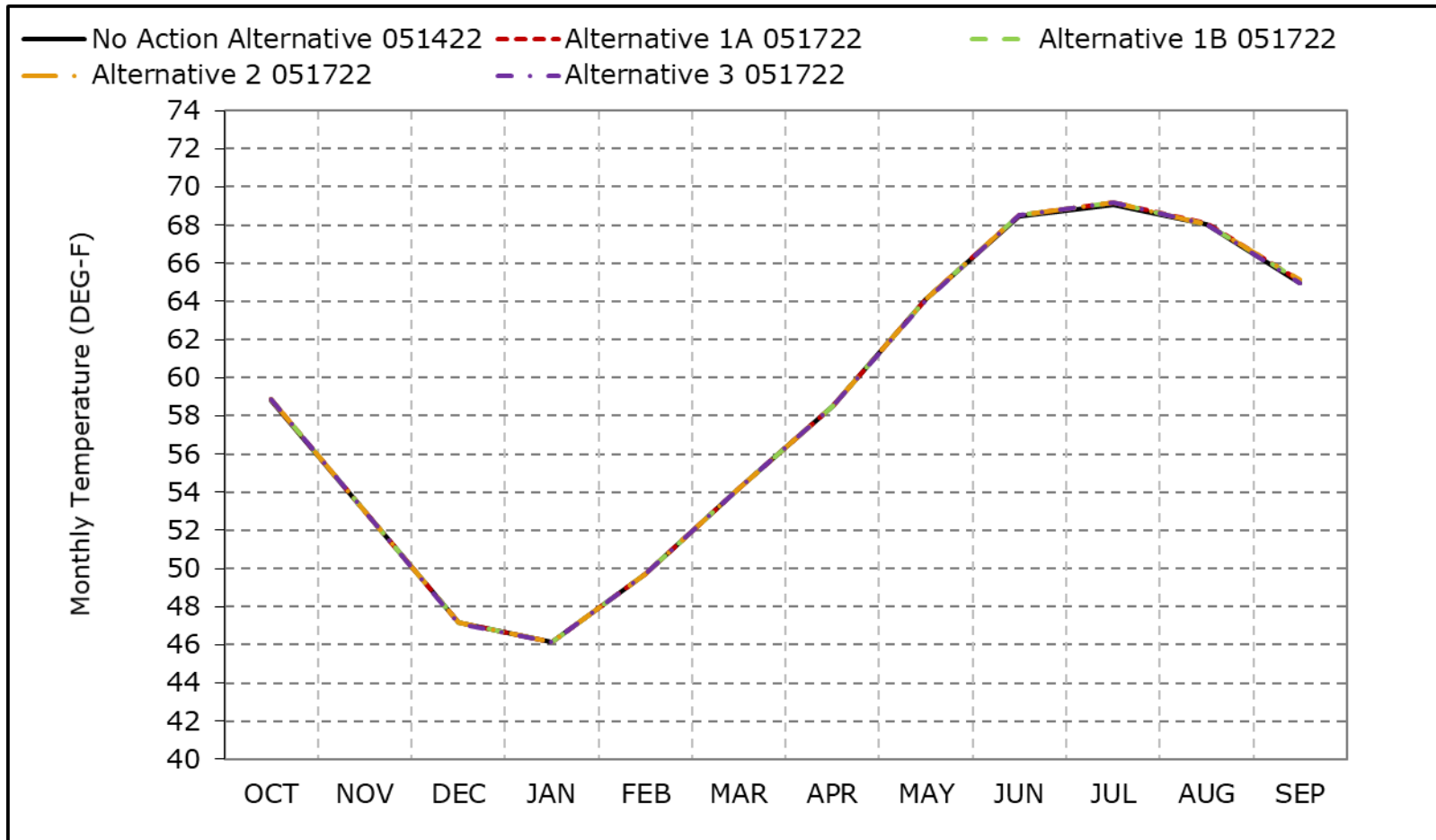


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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-18-4. Feather River at Gridley Bridge, Below Normal Year Average Temperature

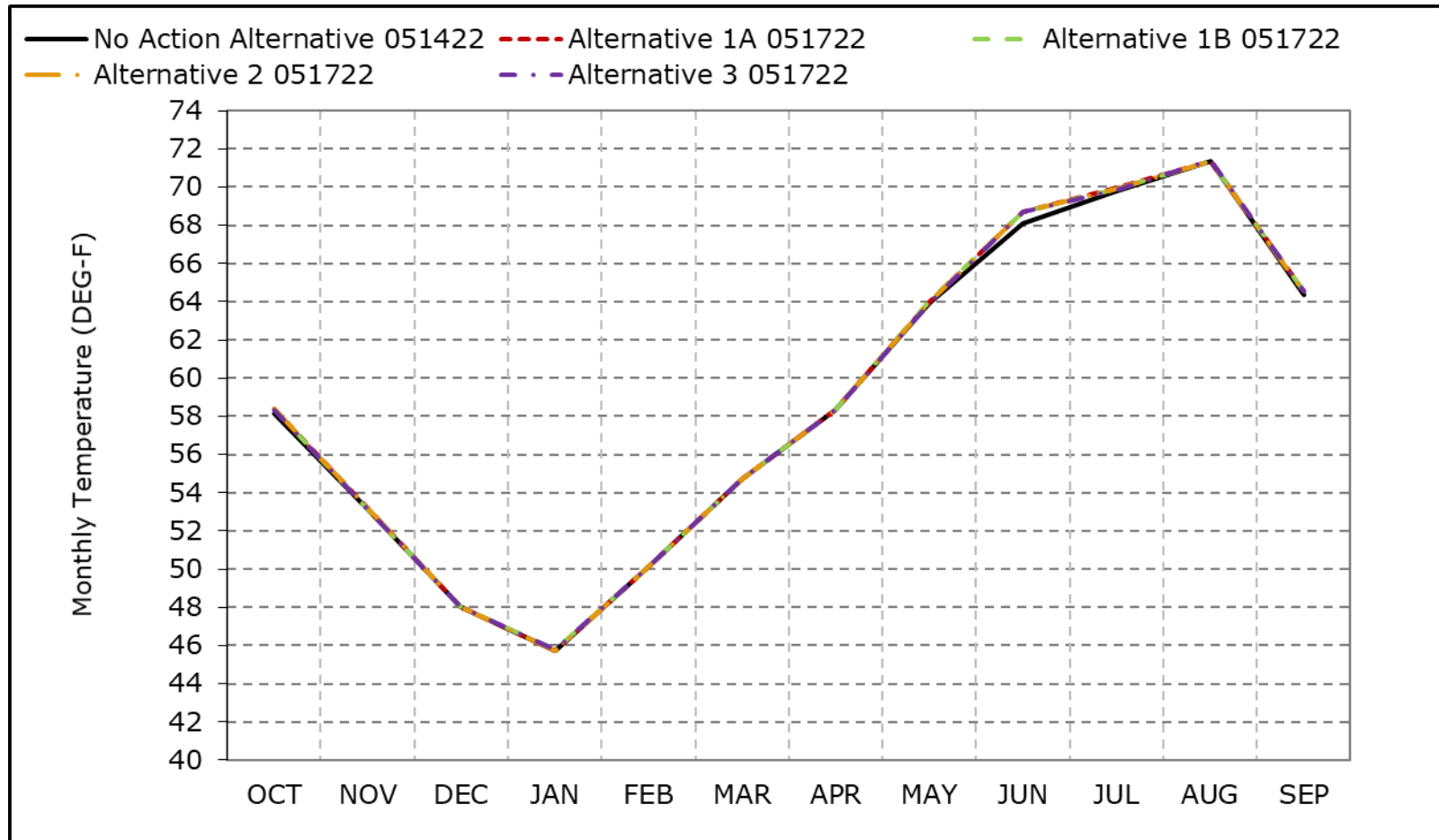


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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-18-5. Feather River at Gridley Bridge, Dry Year Average Temperature

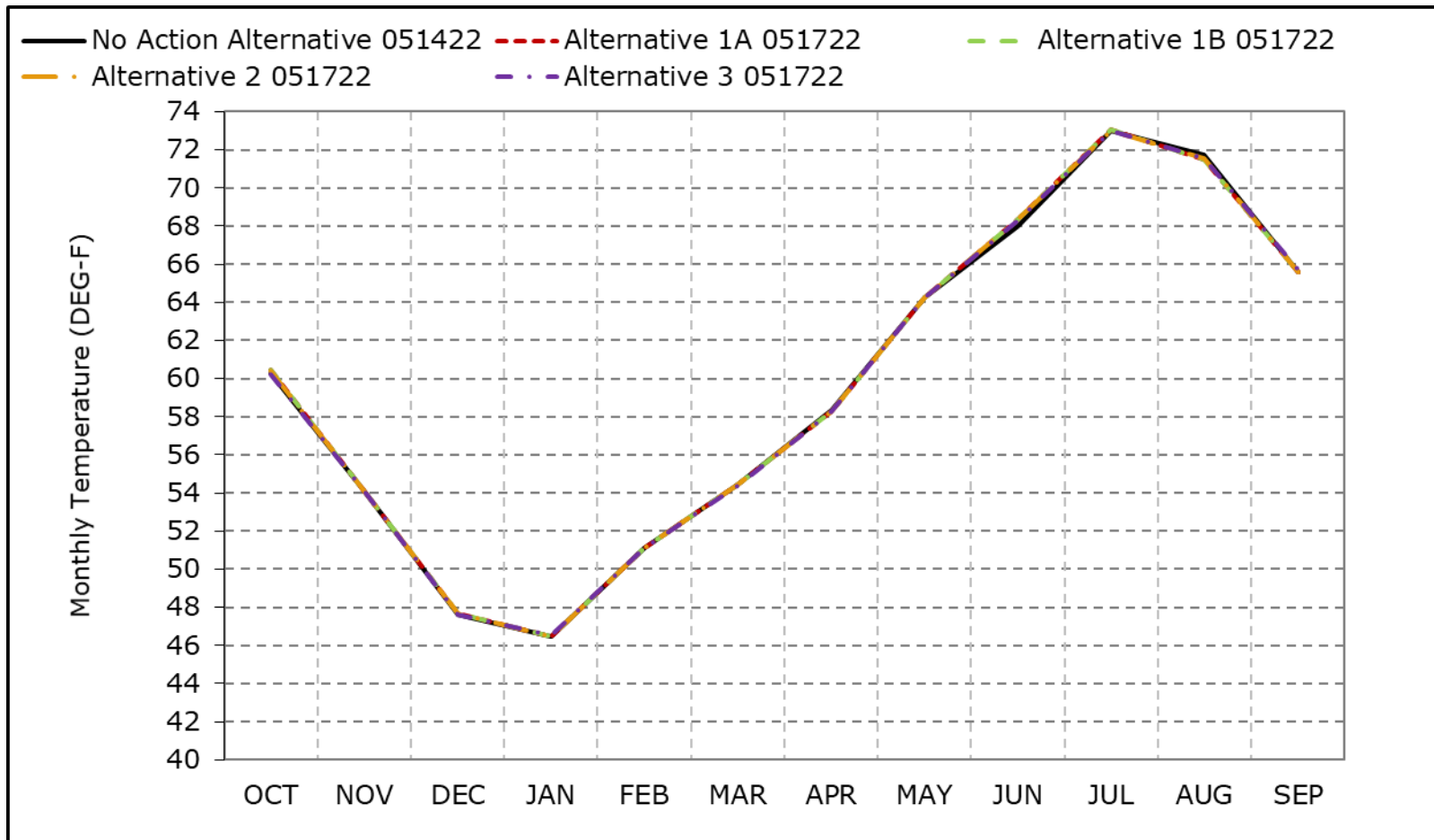


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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

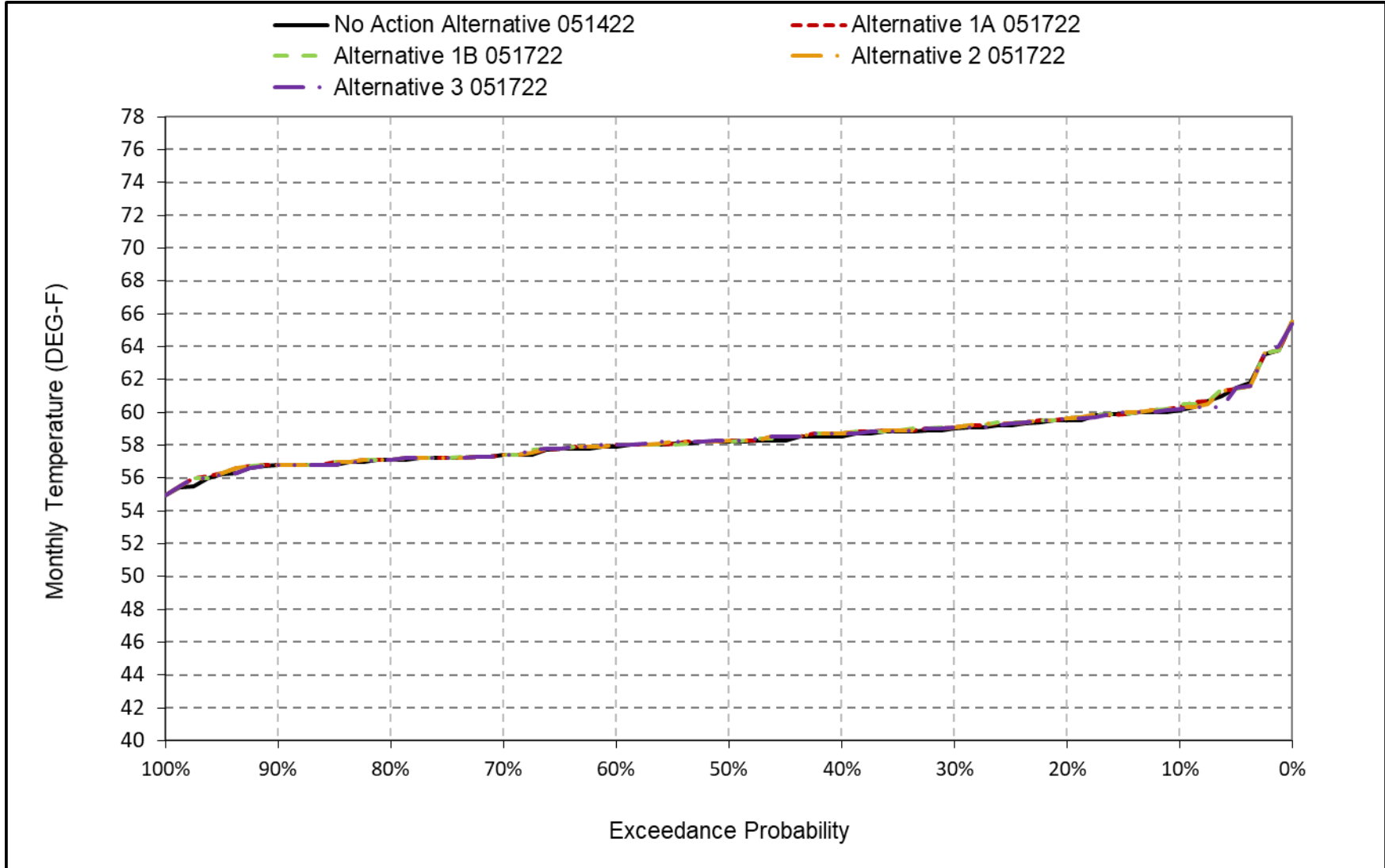


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

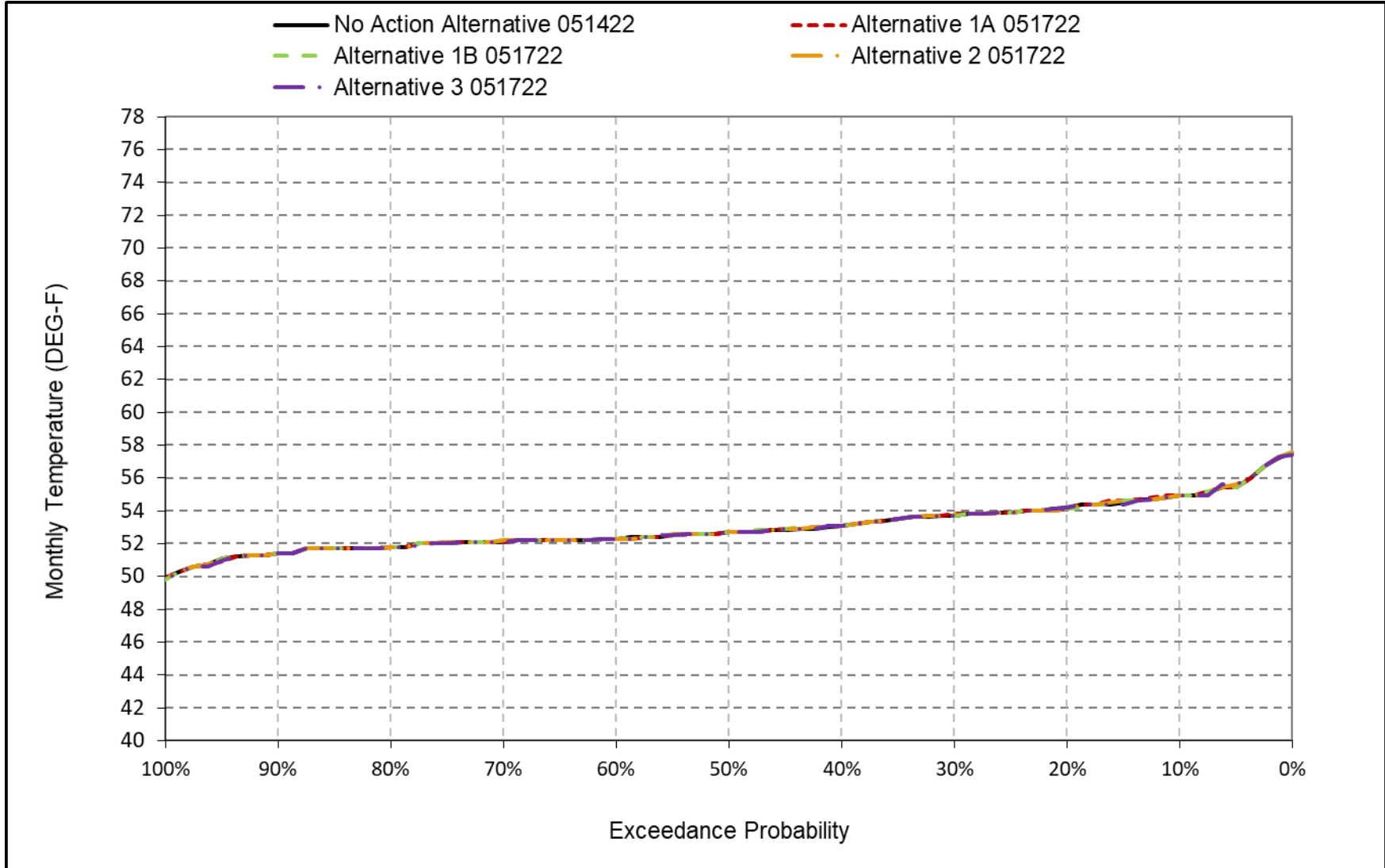
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-18-7. Feather River at Gridley Bridge, October



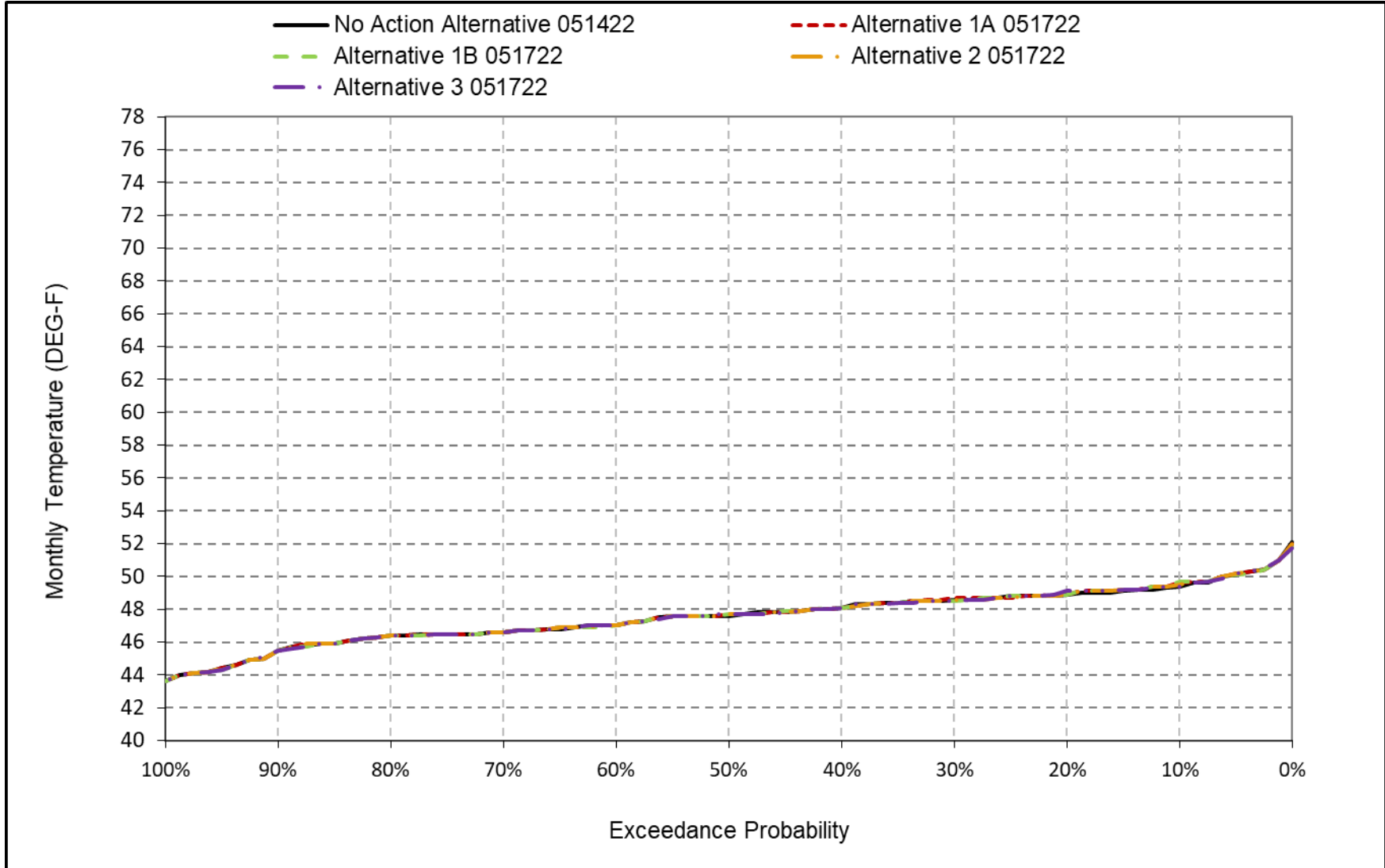
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-18-8. Feather River at Gridley Bridge, November



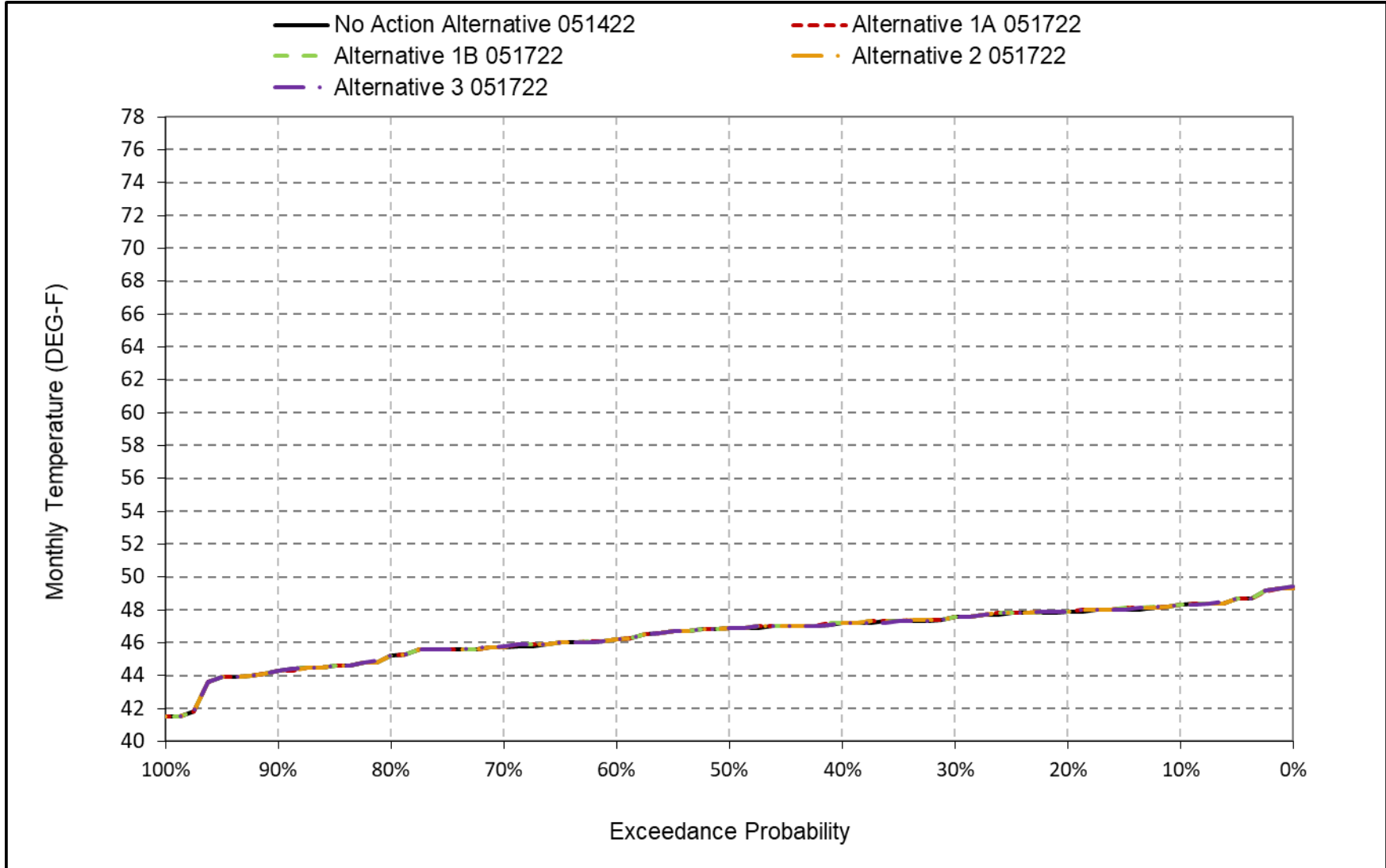
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-18-9. Feather River at Gridley Bridge, December



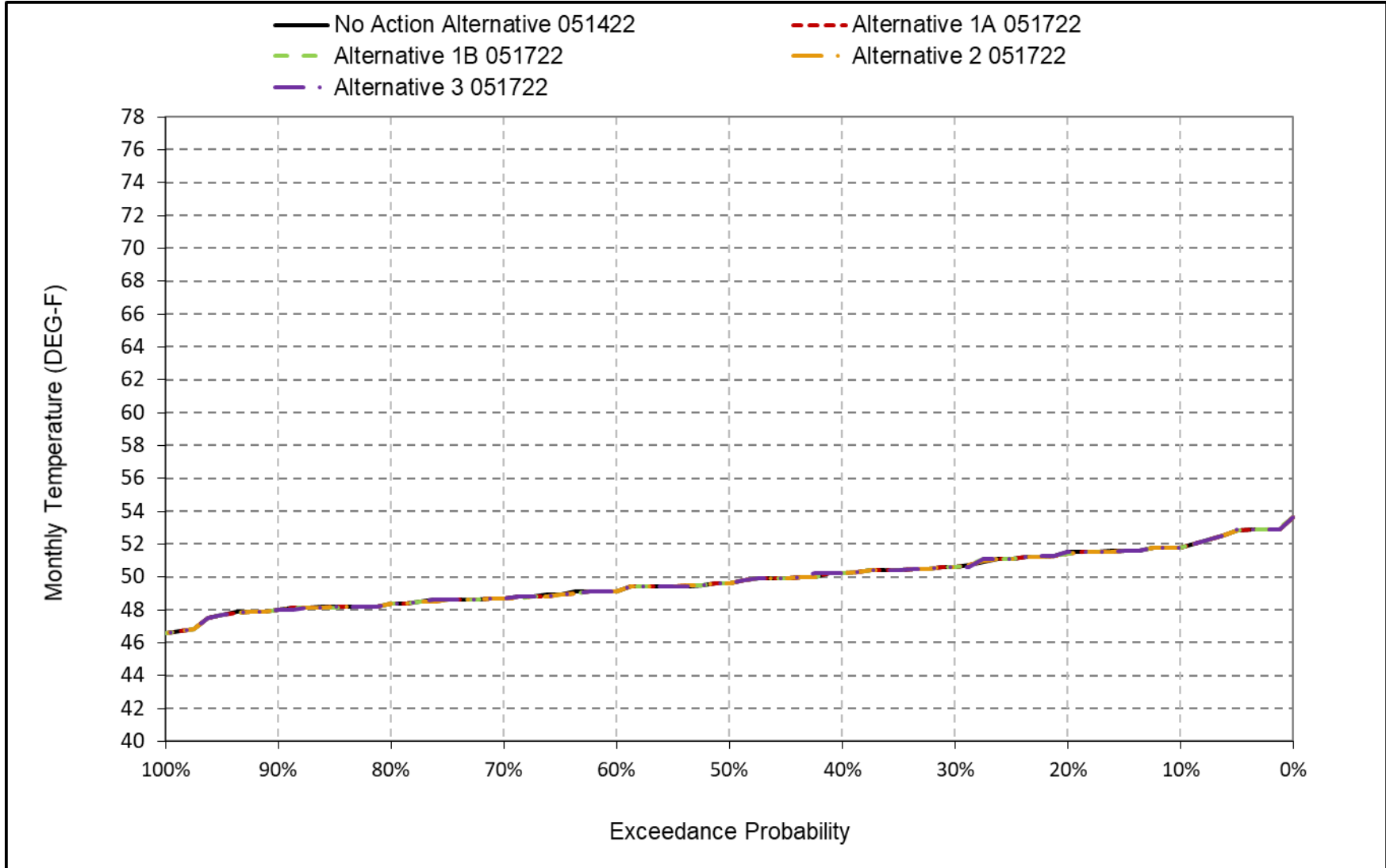
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-18-10. Feather River at Gridley Bridge, January



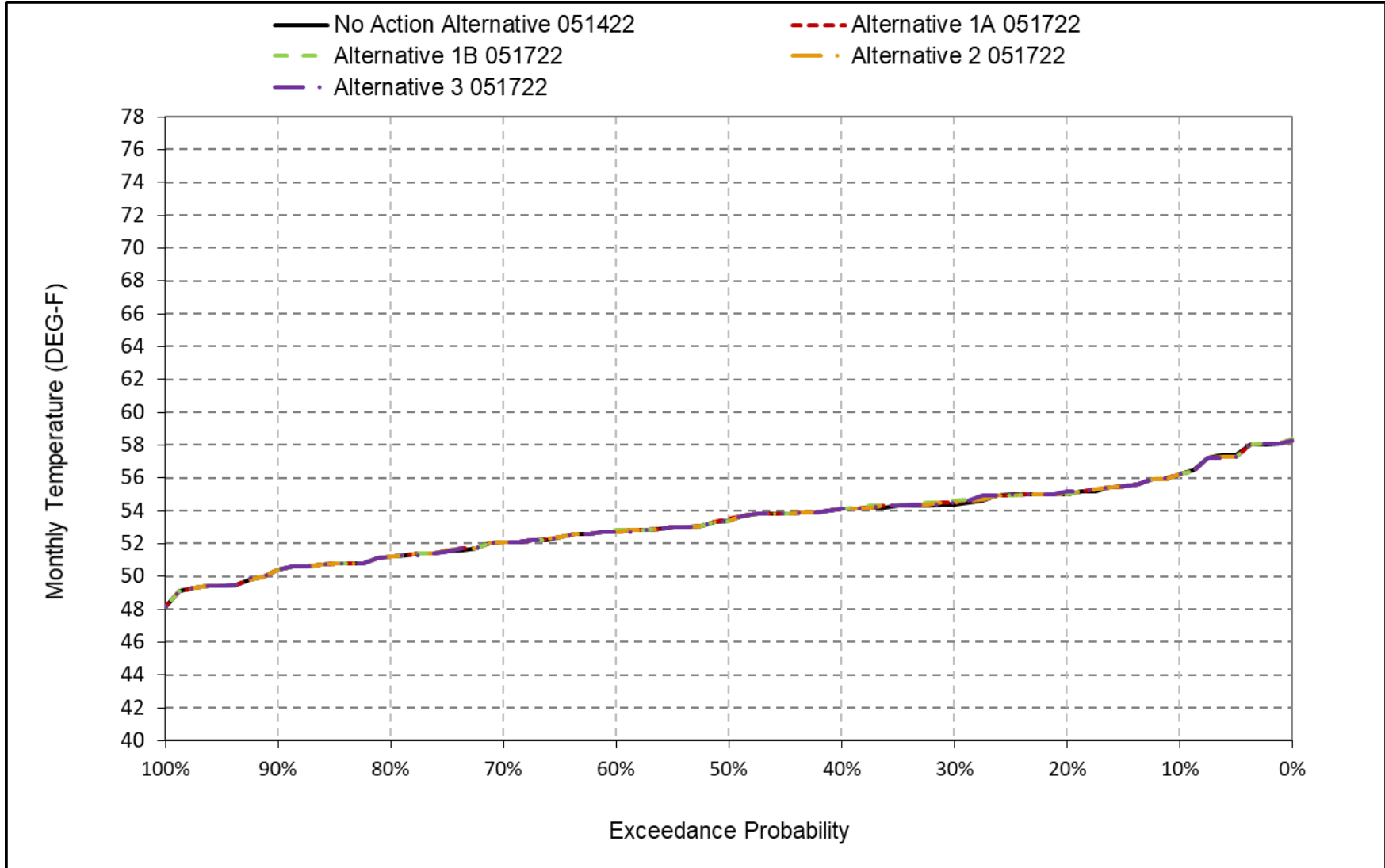
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-18-11. Feather River at Gridley Bridge, February



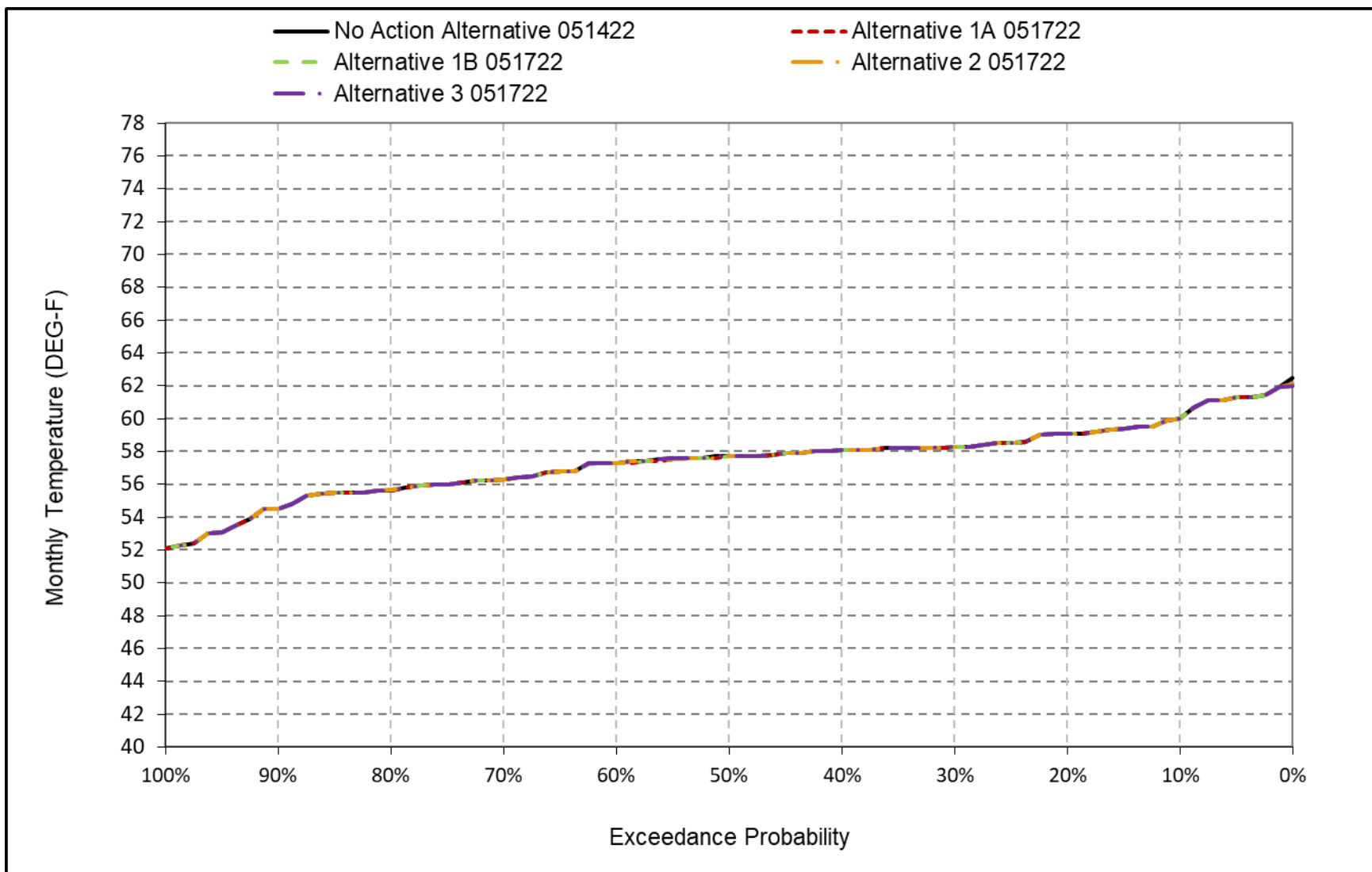
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-18-12. Feather River at Gridley Bridge, March



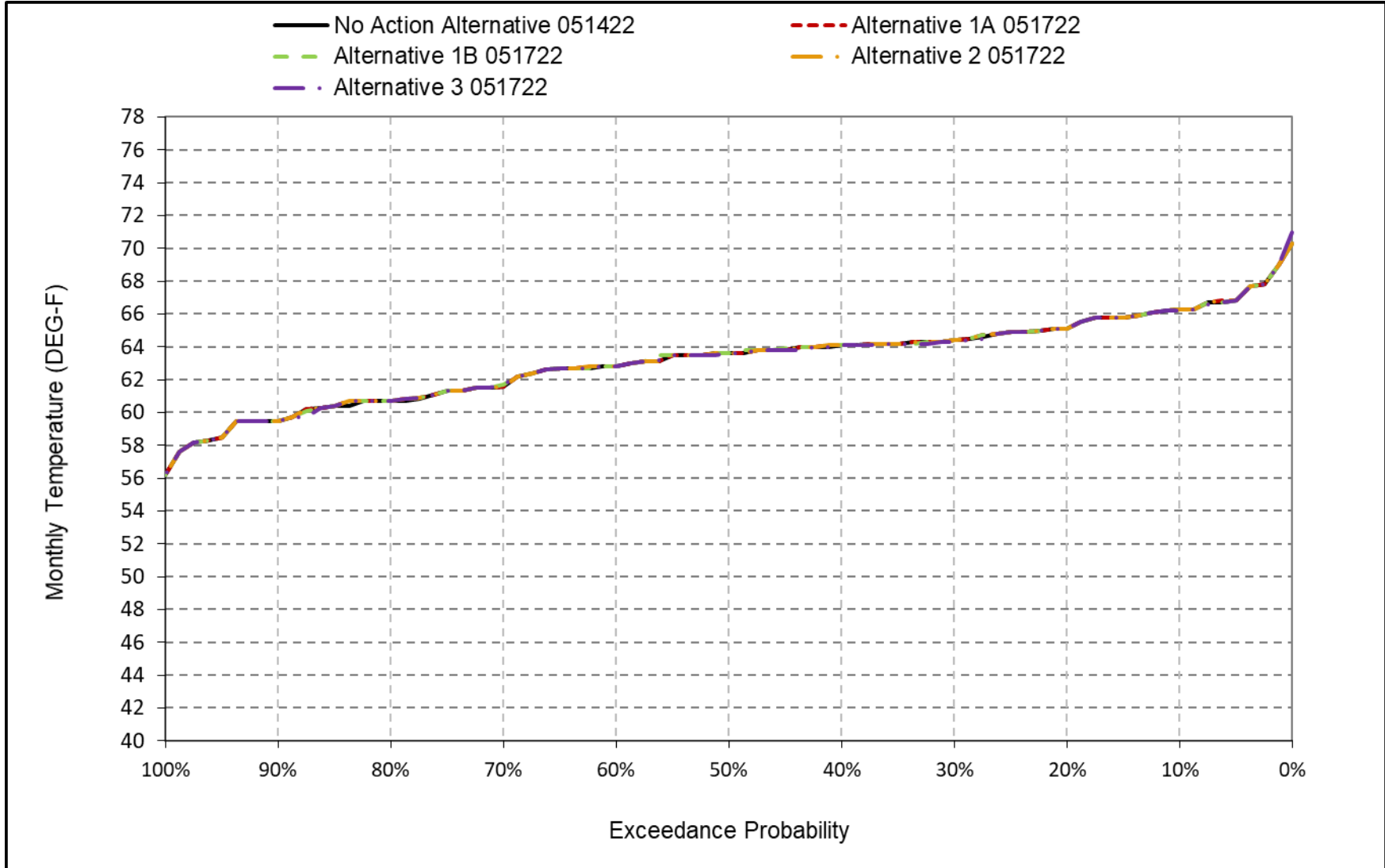
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-18-13. Feather River at Gridley Bridge, April



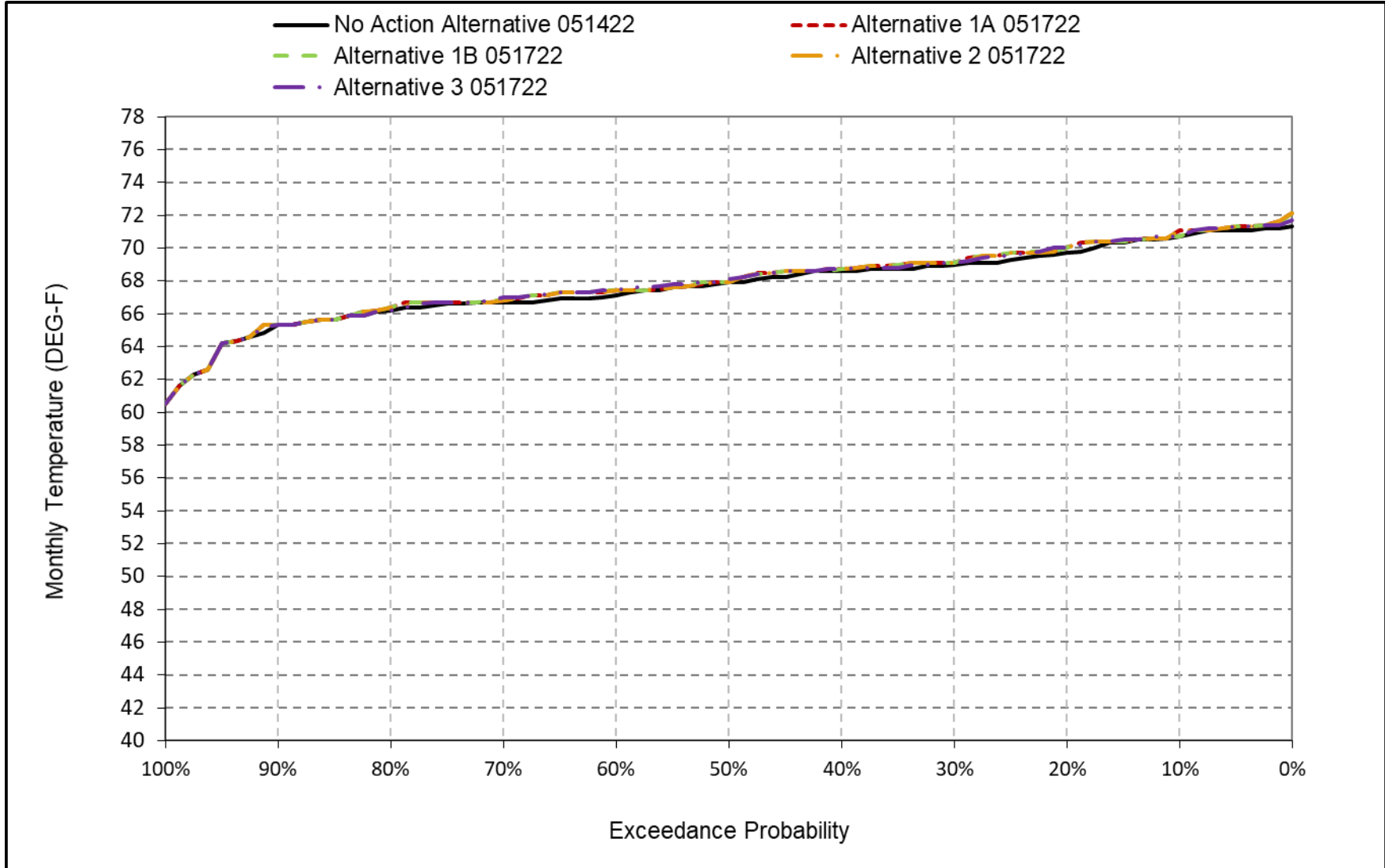
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-18-14. Feather River at Gridley Bridge, May



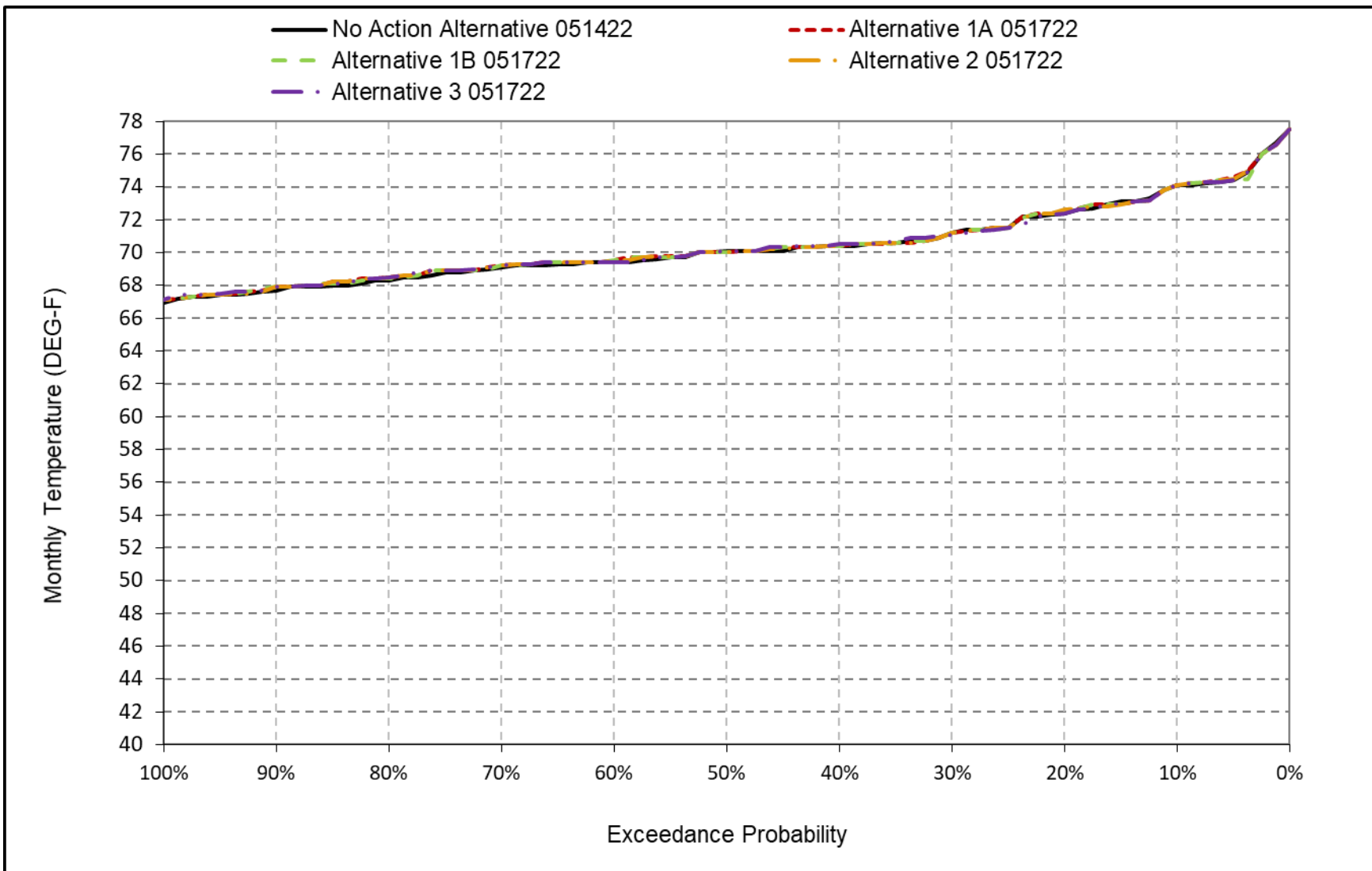
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-18-15. Feather River at Gridley Bridge, June



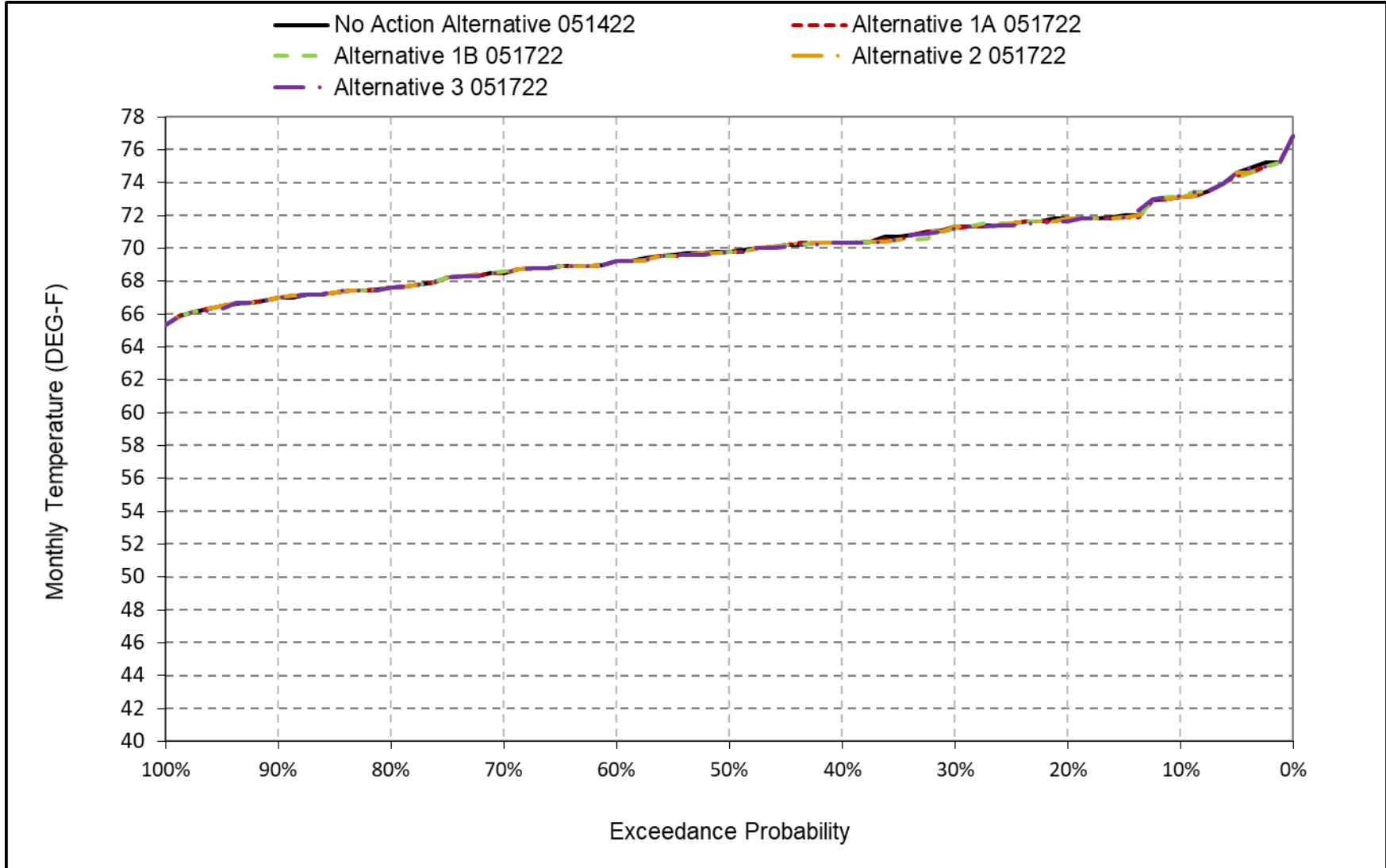
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-18-16. Feather River at Gridley Bridge, July



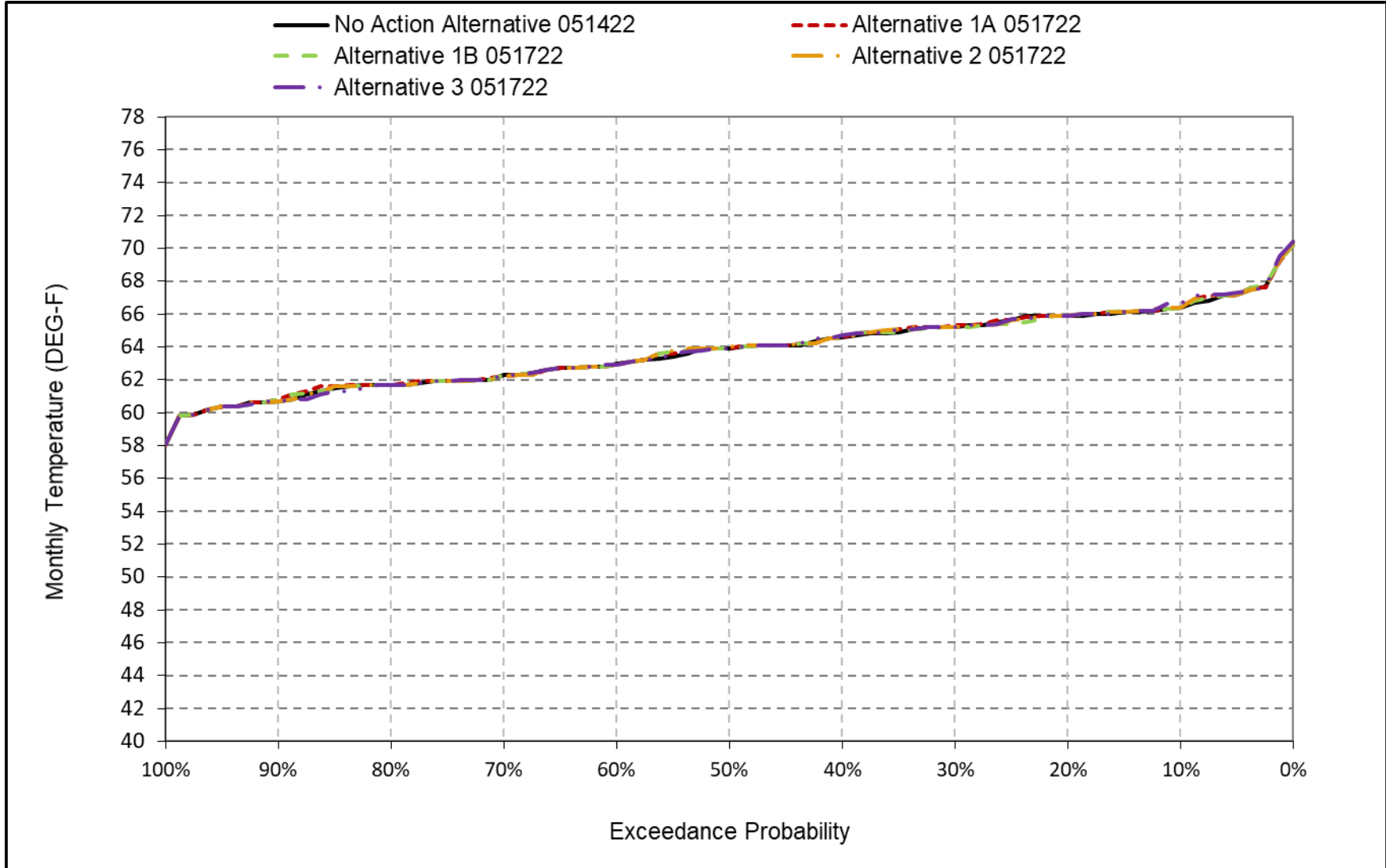
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-18-17. Feather River at Gridley Bridge, August



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

Figure 6C-18-18. Feather River at Gridley Bridge, September



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

Table 6C-19-1a. Feather River at Mouth, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	63.3	54.2	48.3	47.9	52.2	56.8	64.1	69.6	73.7	76.1	76.2	72.3
20% Exceedance	62.3	53.8	47.8	47.1	51.4	56.1	62.5	68.0	73.0	75.0	75.2	71.4
30% Exceedance	61.7	53.3	47.5	46.8	50.9	55.5	61.7	67.2	72.2	74.6	74.3	70.7
40% Exceedance	61.4	52.9	46.7	46.4	50.4	55.0	61.1	66.7	71.6	73.9	73.5	70.2
50% Exceedance	61.0	52.3	46.3	45.7	50.0	54.5	60.6	66.3	71.1	73.5	73.0	69.0
60% Exceedance	60.5	52.0	46.0	45.4	49.7	54.1	59.7	65.5	70.6	73.2	72.5	68.4
70% Exceedance	60.0	51.7	45.5	44.9	49.2	53.5	59.0	64.7	70.0	72.5	71.8	67.6
80% Exceedance	59.6	51.4	45.1	44.0	48.9	52.8	58.0	63.7	69.2	72.2	71.0	66.8
90% Exceedance	59.2	50.8	43.8	43.4	48.4	52.0	57.1	62.8	68.1	71.4	70.4	65.8
Full Simulation Period Average^a	61.1	52.5	46.3	45.7	50.2	54.6	60.6	66.2	71.0	73.8	73.1	69.1
Wet Water Years (32%)	60.3	52.7	46.7	46.5	50.0	53.3	58.5	64.5	69.6	73.9	72.9	68.0
Above Normal Water Years (15%)	60.0	51.5	46.1	46.0	50.1	54.4	60.3	66.1	71.4	72.6	70.9	66.4
Below Normal Water Years (17%)	61.1	52.5	46.0	45.4	49.7	54.8	60.8	66.2	71.4	72.9	71.6	70.1
Dry Water Years (22%)	61.6	52.7	46.4	44.8	50.2	55.3	61.8	67.6	72.2	73.5	74.7	70.7
Critical Water Years (15%)	62.7	52.7	46.1	45.3	51.2	55.9	63.1	68.2	71.7	76.4	75.0	70.4

Table 6C-19-1b. Feather River at Mouth, Alternative 1A 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	63.3	54.3	48.3	47.9	52.2	56.8	64.1	69.6	73.9	76.4	76.2	72.2
20% Exceedance	62.2	53.8	47.8	47.1	51.4	56.1	62.5	68.0	73.4	75.0	75.1	71.3
30% Exceedance	61.7	53.3	47.5	46.8	50.9	55.5	61.7	67.2	72.2	74.6	74.4	70.7
40% Exceedance	61.4	52.9	46.7	46.4	50.4	55.0	61.1	66.7	71.7	74.0	73.5	70.2
50% Exceedance	61.0	52.3	46.3	45.7	50.0	54.5	60.6	66.3	71.4	73.6	73.0	69.0
60% Exceedance	60.5	52.0	46.0	45.4	49.7	54.1	59.7	65.5	70.7	73.1	72.5	68.4
70% Exceedance	60.0	51.7	45.5	44.9	49.2	53.5	59.0	64.7	70.0	72.7	71.8	67.5
80% Exceedance	59.6	51.4	45.1	44.0	48.9	52.8	58.0	63.7	69.3	72.2	71.0	66.8
90% Exceedance	59.2	50.8	43.8	43.4	48.4	52.0	57.1	62.8	68.3	71.5	70.4	65.8
Full Simulation Period Average^a	61.0	52.5	46.3	45.7	50.2	54.6	60.6	66.3	71.2	73.9	73.1	69.1
Wet Water Years (32%)	60.3	52.7	46.7	46.5	50.0	53.3	58.5	64.5	69.6	73.9	72.9	68.0
Above Normal Water Years (15%)	60.0	51.5	46.1	46.0	50.1	54.4	60.3	66.1	71.4	72.6	70.9	66.4
Below Normal Water Years (17%)	61.1	52.5	46.0	45.4	49.7	54.8	60.8	66.2	71.4	73.0	71.6	70.0
Dry Water Years (22%)	61.4	52.8	46.4	44.8	50.2	55.4	61.8	67.6	72.7	73.6	74.6	70.7
Critical Water Years (15%)	62.7	52.7	46.1	45.3	51.2	55.9	63.1	68.2	72.0	76.5	74.9	70.4

Table 6C-19-1c. Feather River at Mouth, Alternative 1A 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.0	-0.1
20% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	-0.1	-0.1
30% Exceedance	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% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
50% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.0
60% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.2	0.0	0.0
70% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-0.1
80% Exceedance	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% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	-0.1
Wet Water Years (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Above Normal Water Years (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 Water Years (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1
Dry Water Years (22%)	-0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	-0.1	-0.1
Critical Water Years (15%)	-0.1	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.

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

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

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

Table 6C-19-2a. Feather River at Mouth, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	63.3	54.2	48.3	47.9	52.2	56.8	64.1	69.6	73.7	76.1	76.2	72.3
20% Exceedance	62.3	53.8	47.8	47.1	51.4	56.1	62.5	68.0	73.0	75.0	75.2	71.4
30% Exceedance	61.7	53.3	47.5	46.8	50.9	55.5	61.7	67.2	72.2	74.6	74.3	70.7
40% Exceedance	61.4	52.9	46.7	46.4	50.4	55.0	61.1	66.7	71.6	73.9	73.5	70.2
50% Exceedance	61.0	52.3	46.3	45.7	50.0	54.5	60.6	66.3	71.1	73.5	73.0	69.0
60% Exceedance	60.5	52.0	46.0	45.4	49.7	54.1	59.7	65.5	70.6	73.2	72.5	68.4
70% Exceedance	60.0	51.7	45.5	44.9	49.2	53.5	59.0	64.7	70.0	72.5	71.8	67.6
80% Exceedance	59.6	51.4	45.1	44.0	48.9	52.8	58.0	63.7	69.2	72.2	71.0	66.8
90% Exceedance	59.2	50.8	43.8	43.4	48.4	52.0	57.1	62.8	68.1	71.4	70.4	65.8
Full Simulation Period Average^a	61.1	52.5	46.3	45.7	50.2	54.6	60.6	66.2	71.0	73.8	73.1	69.1
Wet Water Years (32%)	60.3	52.7	46.7	46.5	50.0	53.3	58.5	64.5	69.6	73.9	72.9	68.0
Above Normal Water Years (15%)	60.0	51.5	46.1	46.0	50.1	54.4	60.3	66.1	71.4	72.6	70.9	66.4
Below Normal Water Years (17%)	61.1	52.5	46.0	45.4	49.7	54.8	60.8	66.2	71.4	72.9	71.6	70.1
Dry Water Years (22%)	61.6	52.7	46.4	44.8	50.2	55.3	61.8	67.6	72.2	73.5	74.7	70.7
Critical Water Years (15%)	62.7	52.7	46.1	45.3	51.2	55.9	63.1	68.2	71.7	76.4	75.0	70.4

Table 6C-19-2b. Feather River at Mouth, Alternative 1B 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	63.3	54.3	48.3	47.9	52.2	56.8	64.1	69.6	73.9	76.3	76.2	72.2
20% Exceedance	62.2	53.8	47.8	47.1	51.4	56.1	62.5	68.0	73.4	75.0	75.1	71.3
30% Exceedance	61.7	53.3	47.5	46.8	50.9	55.5	61.7	67.3	72.2	74.6	74.4	70.5
40% Exceedance	61.4	52.9	46.7	46.4	50.4	55.0	61.1	66.7	71.6	74.0	73.5	70.1
50% Exceedance	61.0	52.3	46.3	45.7	50.0	54.5	60.6	66.3	71.4	73.6	73.0	69.0
60% Exceedance	60.4	52.0	46.0	45.4	49.6	54.1	59.7	65.5	70.7	73.1	72.5	68.3
70% Exceedance	60.0	51.7	45.5	44.9	49.2	53.5	59.0	64.7	70.0	72.7	71.8	67.6
80% Exceedance	59.6	51.4	45.1	44.0	48.9	52.8	58.0	63.7	69.3	72.2	71.0	66.8
90% Exceedance	59.2	50.8	43.8	43.4	48.4	52.0	57.1	62.8	68.3	71.5	70.4	65.8
Full Simulation Period Average^a	61.0	52.5	46.3	45.7	50.2	54.6	60.6	66.3	71.2	73.9	73.1	69.0
Wet Water Years (32%)	60.3	52.7	46.7	46.5	50.0	53.3	58.5	64.5	69.6	73.9	72.9	67.9
Above Normal Water Years (15%)	60.0	51.5	46.1	46.0	50.1	54.4	60.3	66.1	71.4	72.6	70.9	66.4
Below Normal Water Years (17%)	61.1	52.5	46.0	45.4	49.7	54.9	60.8	66.2	71.4	73.0	71.6	70.0
Dry Water Years (22%)	61.4	52.7	46.4	44.8	50.2	55.4	61.8	67.7	72.7	73.6	74.6	70.7
Critical Water Years (15%)	62.7	52.7	46.1	45.3	51.2	55.9	63.1	68.2	72.0	76.4	74.9	70.4

Table 6C-19-2c. Feather River at Mouth, Alternative 1B 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	-0.1
20% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	-0.1	-0.1
30% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1	-0.2
40% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1
50% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.0
60% Exceedance	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	-0.2	-0.1	-0.1
70% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
80% Exceedance	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% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1
Wet Water Years (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Above Normal Water Years (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 Water Years (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1
Dry Water Years (22%)	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.1	-0.1	-0.1
Critical Water Years (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.

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

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

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

Table 6C-19-3a. Feather River at Mouth, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	63.3	54.2	48.3	47.9	52.2	56.8	64.1	69.6	73.7	76.1	76.2	72.3
20% Exceedance	62.3	53.8	47.8	47.1	51.4	56.1	62.5	68.0	73.0	75.0	75.2	71.4
30% Exceedance	61.7	53.3	47.5	46.8	50.9	55.5	61.7	67.2	72.2	74.6	74.3	70.7
40% Exceedance	61.4	52.9	46.7	46.4	50.4	55.0	61.1	66.7	71.6	73.9	73.5	70.2
50% Exceedance	61.0	52.3	46.3	45.7	50.0	54.5	60.6	66.3	71.1	73.5	73.0	69.0
60% Exceedance	60.5	52.0	46.0	45.4	49.7	54.1	59.7	65.5	70.6	73.2	72.5	68.4
70% Exceedance	60.0	51.7	45.5	44.9	49.2	53.5	59.0	64.7	70.0	72.5	71.8	67.6
80% Exceedance	59.6	51.4	45.1	44.0	48.9	52.8	58.0	63.7	69.2	72.2	71.0	66.8
90% Exceedance	59.2	50.8	43.8	43.4	48.4	52.0	57.1	62.8	68.1	71.4	70.4	65.8
Full Simulation Period Average^a	61.1	52.5	46.3	45.7	50.2	54.6	60.6	66.2	71.0	73.8	73.1	69.1
Wet Water Years (32%)	60.3	52.7	46.7	46.5	50.0	53.3	58.5	64.5	69.6	73.9	72.9	68.0
Above Normal Water Years (15%)	60.0	51.5	46.1	46.0	50.1	54.4	60.3	66.1	71.4	72.6	70.9	66.4
Below Normal Water Years (17%)	61.1	52.5	46.0	45.4	49.7	54.8	60.8	66.2	71.4	72.9	71.6	70.1
Dry Water Years (22%)	61.6	52.7	46.4	44.8	50.2	55.3	61.8	67.6	72.2	73.5	74.7	70.7
Critical Water Years (15%)	62.7	52.7	46.1	45.3	51.2	55.9	63.1	68.2	71.7	76.4	75.0	70.4

Table 6C-19-3b. Feather River at Mouth, Alternative 2 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	63.2	54.3	48.3	47.9	52.2	56.8	64.1	69.6	73.9	76.4	76.2	72.2
20% Exceedance	62.2	53.8	47.8	47.1	51.4	56.1	62.5	68.0	73.4	75.0	75.1	71.3
30% Exceedance	61.7	53.3	47.5	46.8	50.9	55.5	61.7	67.2	72.2	74.6	74.4	70.6
40% Exceedance	61.4	52.9	46.7	46.4	50.4	55.0	61.1	66.7	71.6	74.0	73.5	70.2
50% Exceedance	61.0	52.3	46.3	45.7	50.0	54.5	60.6	66.3	71.4	73.5	73.0	69.0
60% Exceedance	60.5	52.0	46.0	45.4	49.7	54.1	59.7	65.5	70.7	73.1	72.5	68.4
70% Exceedance	60.0	51.7	45.5	44.9	49.2	53.5	59.0	64.7	70.0	72.7	71.8	67.5
80% Exceedance	59.6	51.4	45.1	44.0	48.9	52.8	58.0	63.7	69.3	72.2	71.0	66.8
90% Exceedance	59.2	50.8	43.8	43.4	48.4	52.0	57.1	62.8	68.3	71.5	70.4	65.7
Full Simulation Period Average^a	61.0	52.5	46.3	45.7	50.2	54.6	60.6	66.2	71.2	73.9	73.1	69.1
Wet Water Years (32%)	60.3	52.7	46.7	46.5	50.0	53.3	58.5	64.5	69.6	73.9	72.9	68.0
Above Normal Water Years (15%)	60.0	51.5	46.1	46.0	50.1	54.4	60.3	66.1	71.4	72.6	70.9	66.4
Below Normal Water Years (17%)	61.1	52.5	46.0	45.4	49.7	54.8	60.8	66.2	71.4	73.0	71.6	70.0
Dry Water Years (22%)	61.4	52.8	46.4	44.8	50.2	55.4	61.8	67.6	72.7	73.6	74.6	70.7
Critical Water Years (15%)	62.7	52.7	46.1	45.3	51.2	55.9	63.1	68.2	72.0	76.4	74.9	70.4

Table 6C-19-3c. Feather River at Mouth, Alternative 2 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.0	-0.1
20% Exceedance	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	-0.1	-0.1
30% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1
40% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
50% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0
60% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.2	0.0	0.0
70% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-0.1
80% Exceedance	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% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	-0.1
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	-0.1
Wet Water Years (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Above Normal Water Years (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 Water Years (17%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1
Dry Water Years (22%)	-0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	-0.1	0.0
Critical Water Years (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	-0.2	0.0

^a Based on the 82-year simulation period.

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

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

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

Table 6C-19-4a. Feather River at Mouth, No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	63.3	54.2	48.3	47.9	52.2	56.8	64.1	69.6	73.7	76.1	76.2	72.3
20% Exceedance	62.3	53.8	47.8	47.1	51.4	56.1	62.5	68.0	73.0	75.0	75.2	71.4
30% Exceedance	61.7	53.3	47.5	46.8	50.9	55.5	61.7	67.2	72.2	74.6	74.3	70.7
40% Exceedance	61.4	52.9	46.7	46.4	50.4	55.0	61.1	66.7	71.6	73.9	73.5	70.2
50% Exceedance	61.0	52.3	46.3	45.7	50.0	54.5	60.6	66.3	71.1	73.5	73.0	69.0
60% Exceedance	60.5	52.0	46.0	45.4	49.7	54.1	59.7	65.5	70.6	73.2	72.5	68.4
70% Exceedance	60.0	51.7	45.5	44.9	49.2	53.5	59.0	64.7	70.0	72.5	71.8	67.6
80% Exceedance	59.6	51.4	45.1	44.0	48.9	52.8	58.0	63.7	69.2	72.2	71.0	66.8
90% Exceedance	59.2	50.8	43.8	43.4	48.4	52.0	57.1	62.8	68.1	71.4	70.4	65.8
Full Simulation Period Average^a	61.1	52.5	46.3	45.7	50.2	54.6	60.6	66.2	71.0	73.8	73.1	69.1
Wet Water Years (32%)	60.3	52.7	46.7	46.5	50.0	53.3	58.5	64.5	69.6	73.9	72.9	68.0
Above Normal Water Years (15%)	60.0	51.5	46.1	46.0	50.1	54.4	60.3	66.1	71.4	72.6	70.9	66.4
Below Normal Water Years (17%)	61.1	52.5	46.0	45.4	49.7	54.8	60.8	66.2	71.4	72.9	71.6	70.1
Dry Water Years (22%)	61.6	52.7	46.4	44.8	50.2	55.3	61.8	67.6	72.2	73.5	74.7	70.7
Critical Water Years (15%)	62.7	52.7	46.1	45.3	51.2	55.9	63.1	68.2	71.7	76.4	75.0	70.4

Table 6C-19-4b. Feather River at Mouth, Alternative 3 051722, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	63.2	54.3	48.3	47.9	52.2	56.7	64.1	69.6	73.8	76.3	76.2	72.2
20% Exceedance	62.3	53.8	47.8	47.1	51.4	56.1	62.5	68.0	73.3	75.0	75.1	71.3
30% Exceedance	61.6	53.3	47.4	46.8	50.9	55.5	61.7	67.3	72.2	74.6	74.3	70.5
40% Exceedance	61.4	52.9	46.7	46.4	50.4	55.0	61.1	66.7	71.7	74.0	73.5	70.2
50% Exceedance	61.0	52.3	46.3	45.7	50.0	54.5	60.6	66.3	71.4	73.5	72.9	69.0
60% Exceedance	60.3	52.0	46.1	45.4	49.6	54.1	59.7	65.5	70.7	73.1	72.5	68.3
70% Exceedance	60.0	51.7	45.5	44.9	49.2	53.5	59.0	64.7	70.0	72.7	71.8	67.6
80% Exceedance	59.6	51.4	45.1	44.0	48.9	52.8	58.0	63.7	69.1	72.2	71.0	66.6
90% Exceedance	59.3	50.7	43.8	43.4	48.4	52.0	57.1	62.8	68.3	71.5	70.4	65.6
Full Simulation Period Average^a	61.0	52.5	46.3	45.7	50.2	54.6	60.6	66.3	71.2	73.9	73.1	69.0
Wet Water Years (32%)	60.3	52.7	46.7	46.5	50.0	53.3	58.5	64.5	69.6	73.9	72.9	67.9
Above Normal Water Years (15%)	60.0	51.4	46.1	46.0	50.1	54.4	60.3	66.1	71.4	72.8	70.9	66.4
Below Normal Water Years (17%)	61.2	52.5	46.0	45.4	49.7	54.8	60.8	66.2	71.4	73.0	71.6	69.9
Dry Water Years (22%)	61.4	52.7	46.3	44.8	50.2	55.4	61.8	67.7	72.7	73.6	74.6	70.7
Critical Water Years (15%)	62.7	52.7	46.1	45.3	51.2	55.9	63.1	68.2	71.9	76.4	74.9	70.4

Table 6C-19-4c. Feather River at Mouth, Alternative 3 051722 minus No Action Alternative 051422, Monthly Temperature (DEG-F)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-0.1	0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	0.2	0.0	-0.1
20% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	-0.1	-0.1
30% Exceedance	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	-0.2
40% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
50% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	-0.1	0.0
60% Exceedance	-0.2	0.0	0.1	0.0	-0.1	0.0	0.0	0.0	0.1	-0.1	-0.1	-0.1
70% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
80% Exceedance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.2
90% Exceedance	0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	-0.2
Full Simulation Period Average^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	-0.1
Wet Water Years (32%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Above Normal Water Years (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
Below Normal Water Years (17%)	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.2
Dry Water Years (22%)	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.1	-0.1	-0.1
Critical Water Years (15%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-0.2	0.0

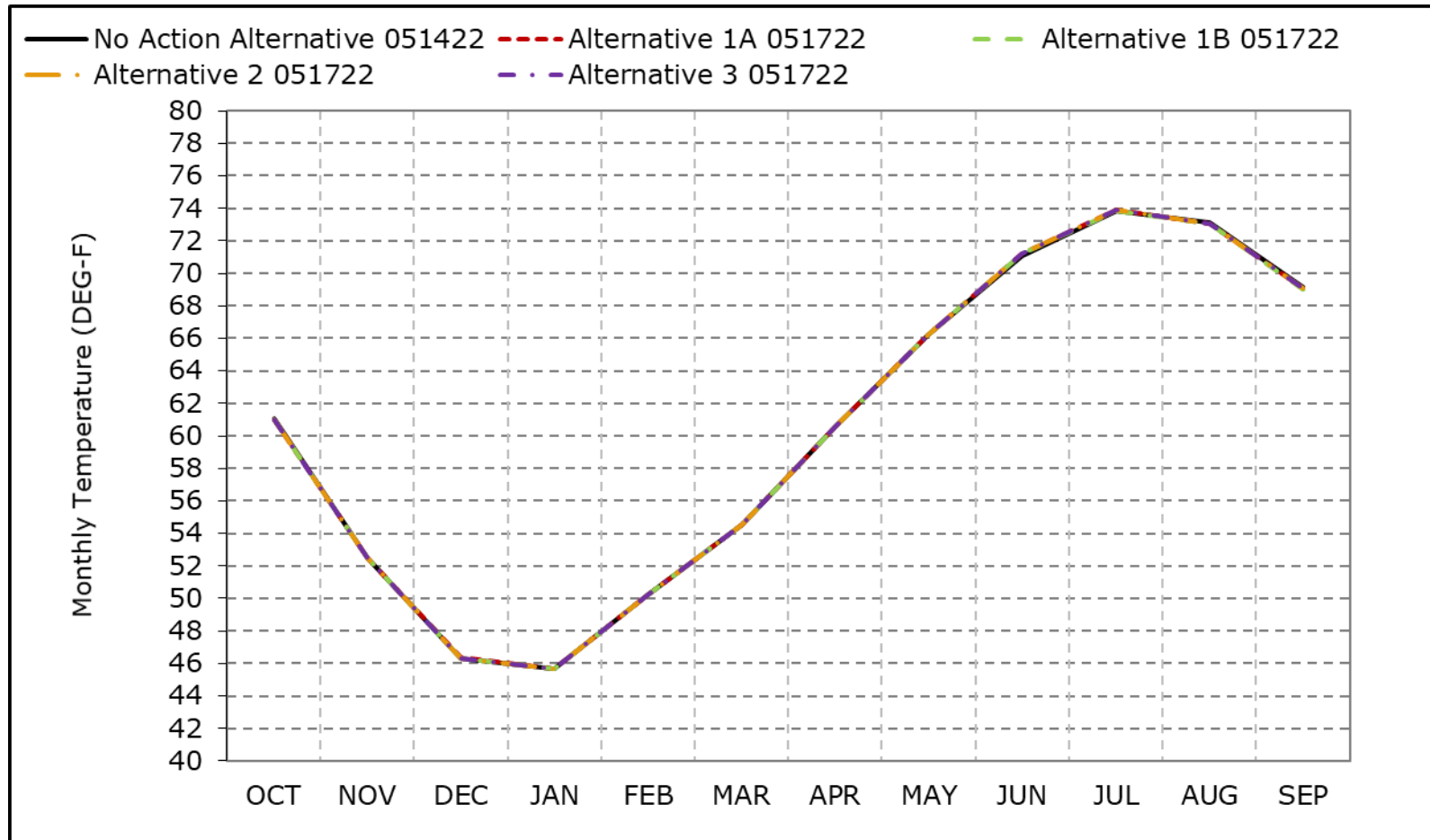
^a Based on the 82-year simulation period.

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

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

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

Figure 6C-19-1. Feather River at Mouth, Long-Term Average Temperature

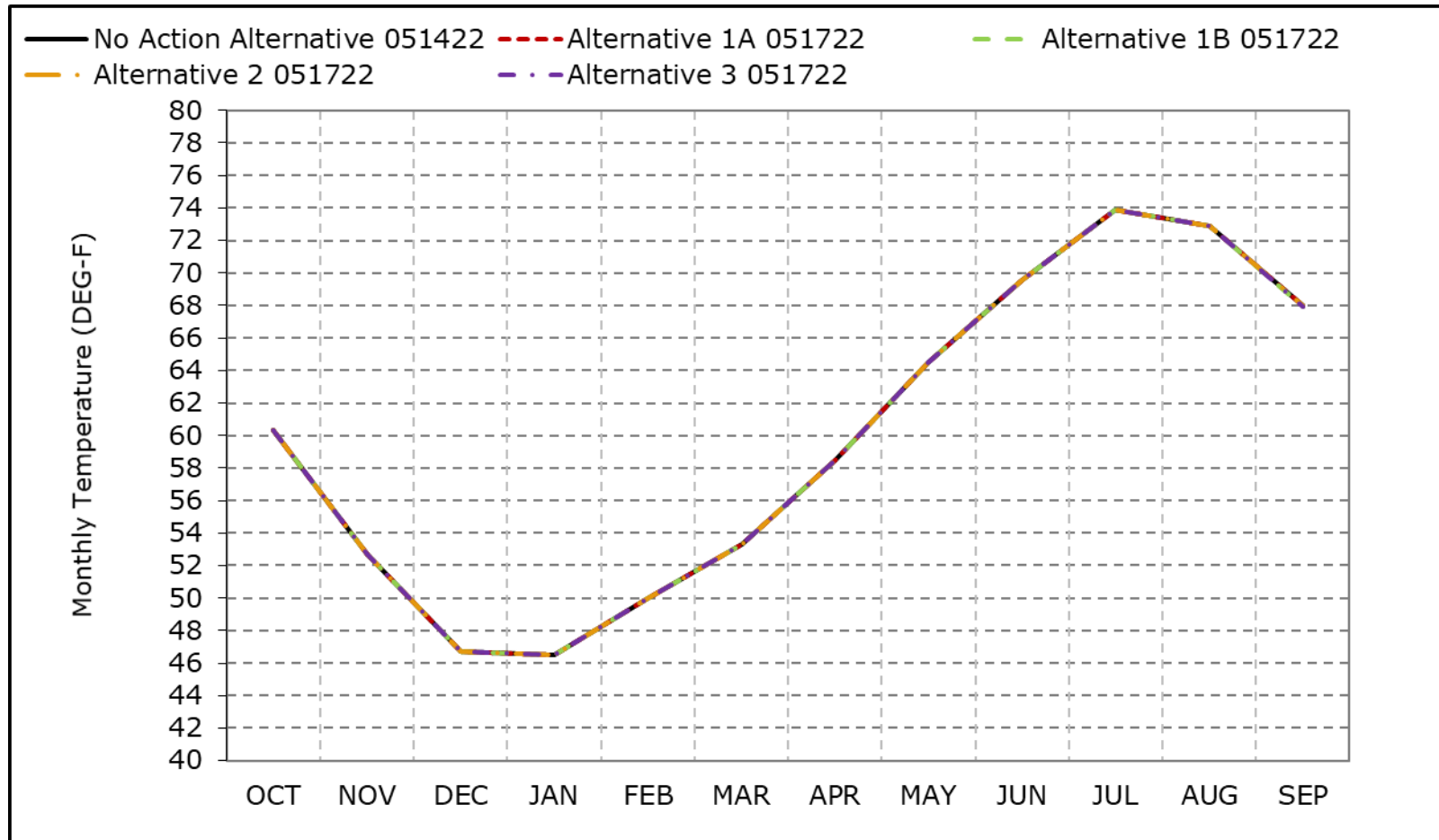


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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

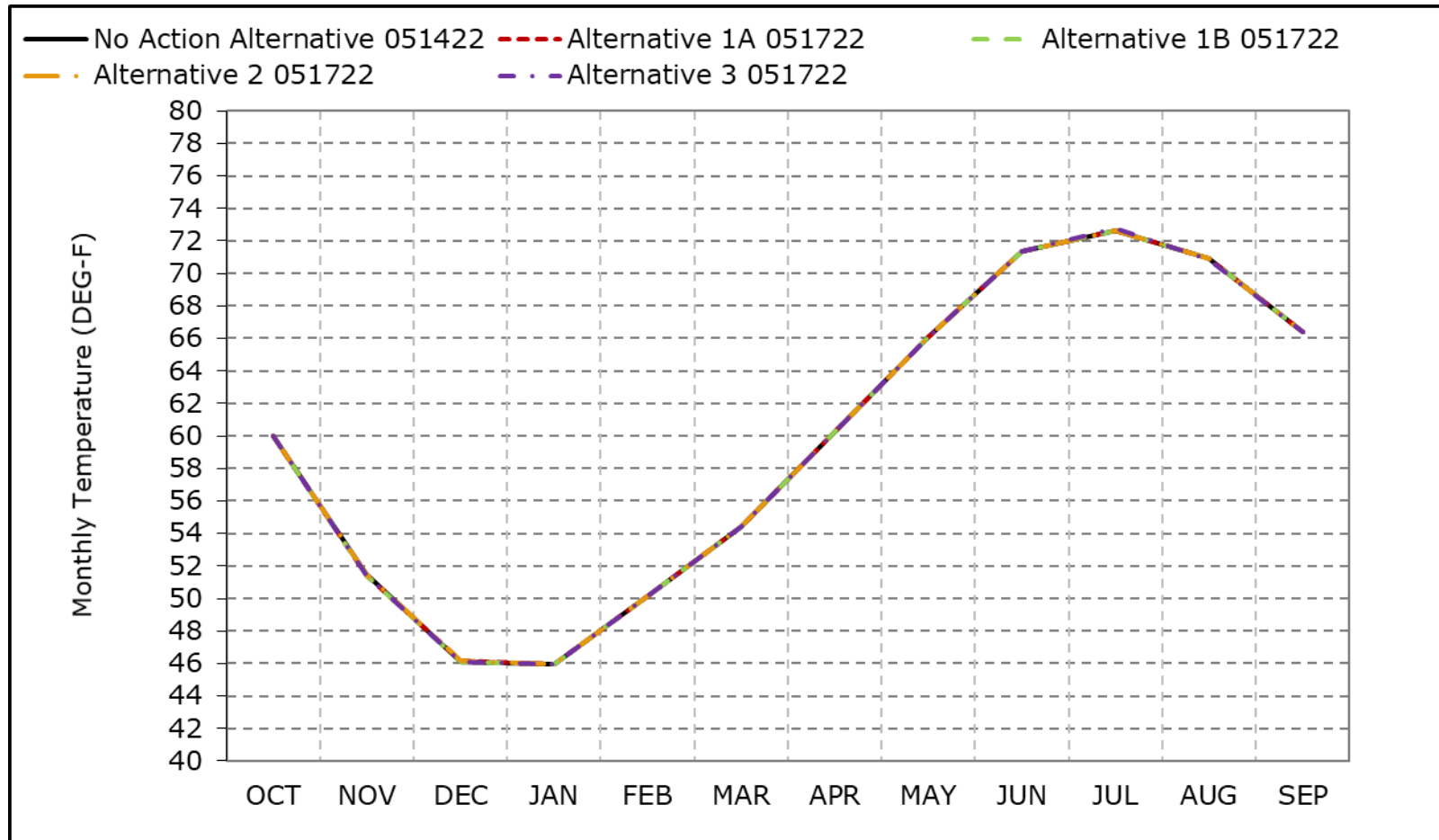


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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

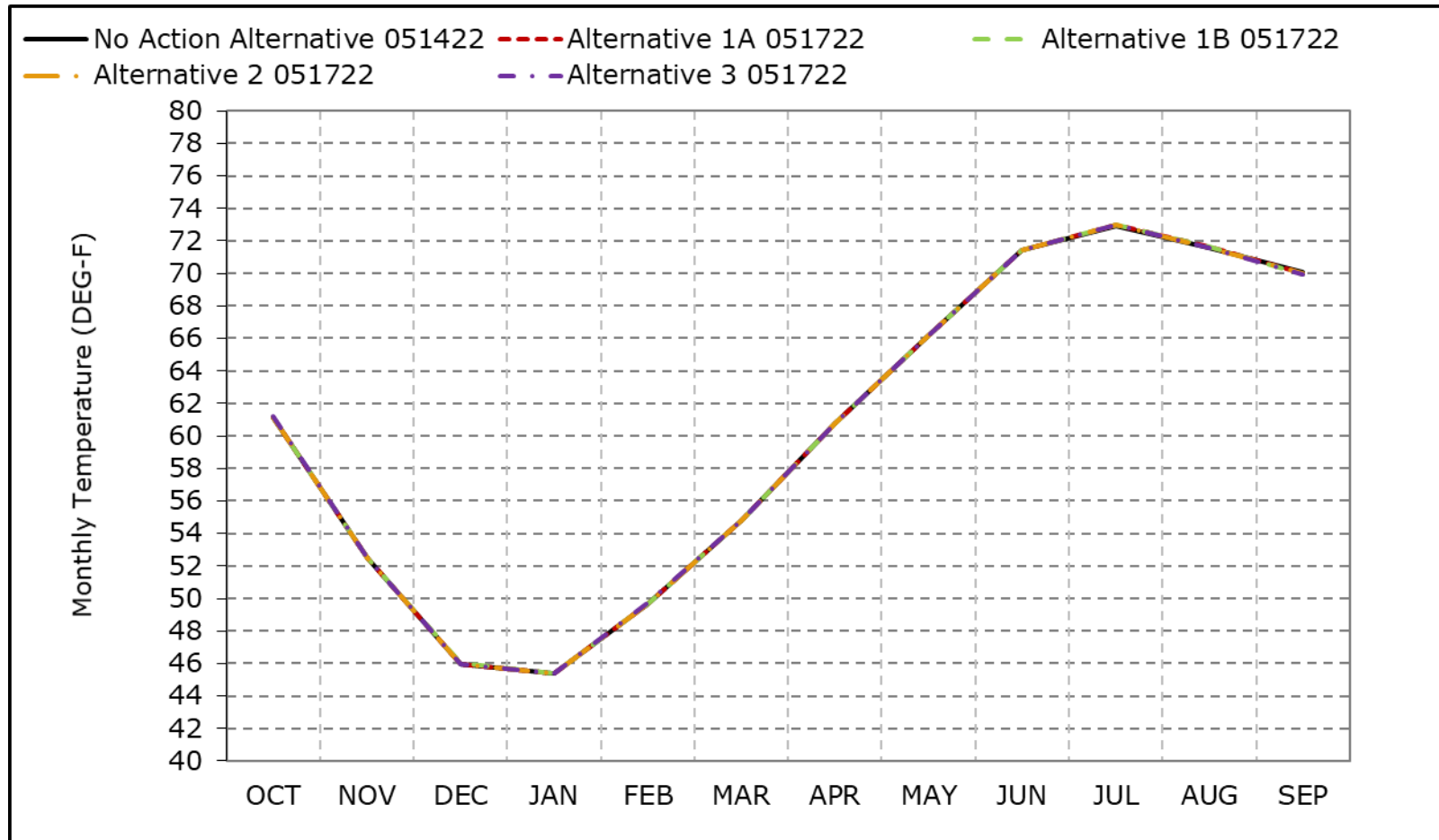


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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

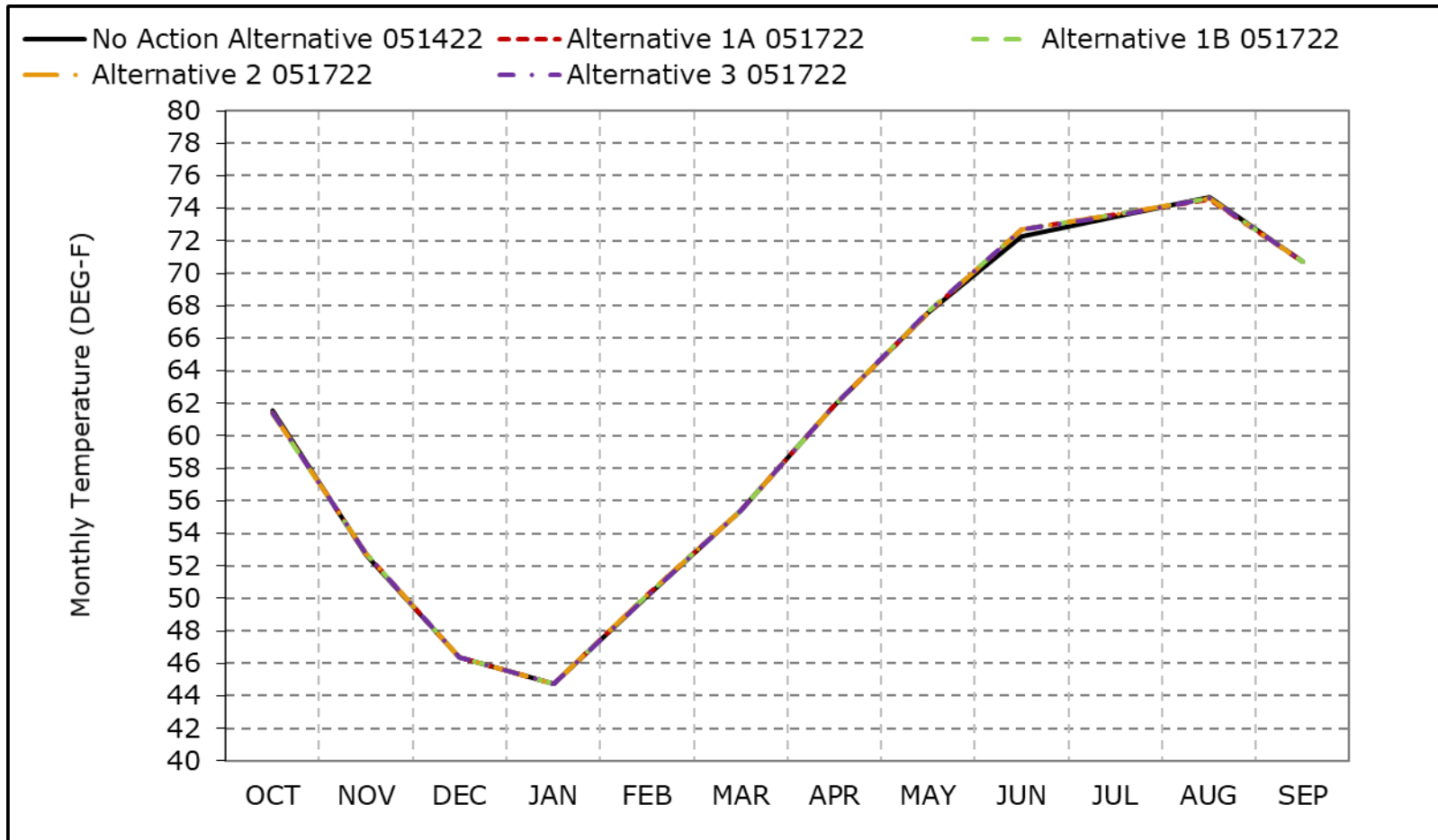


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

*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

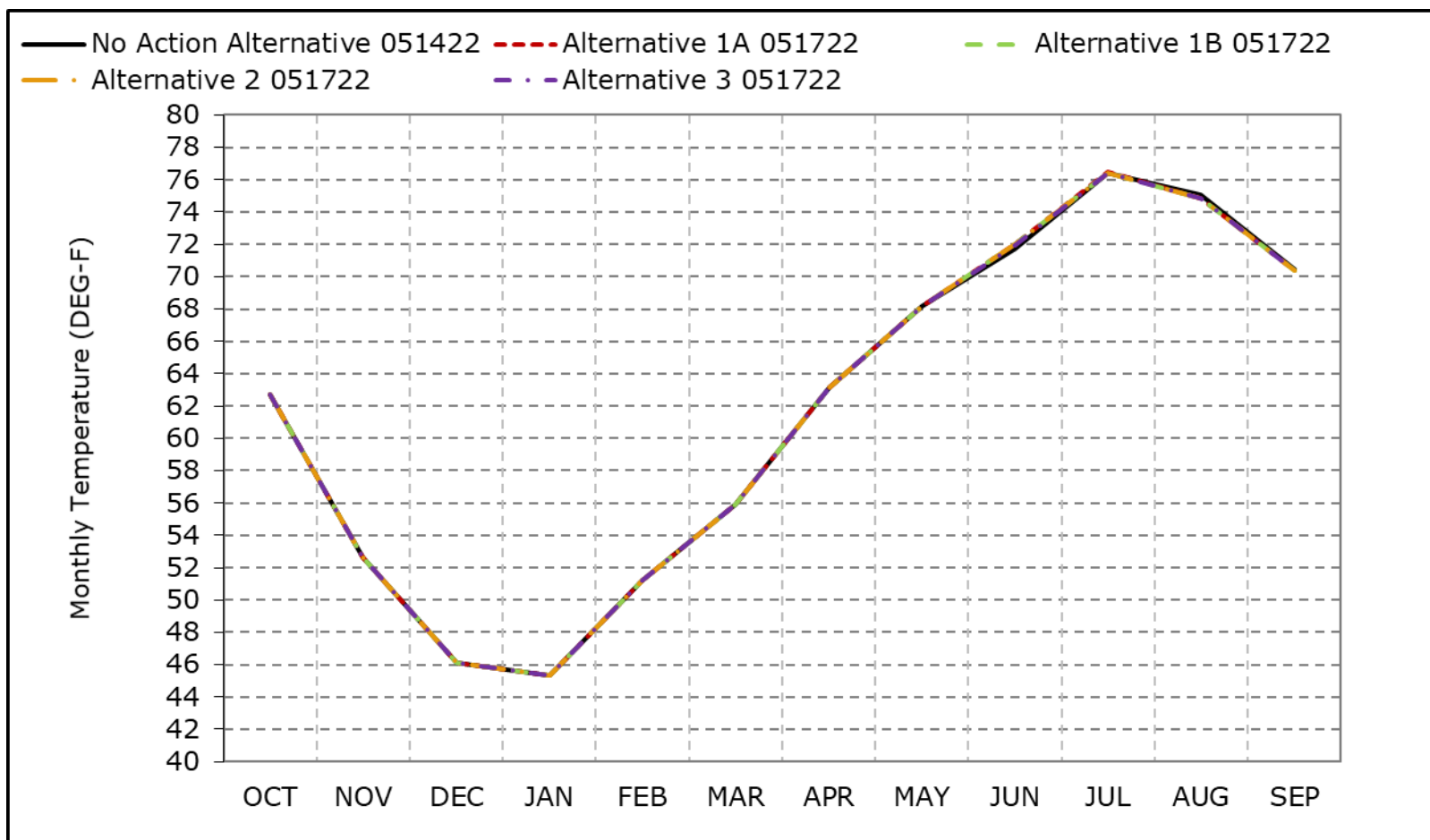


*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

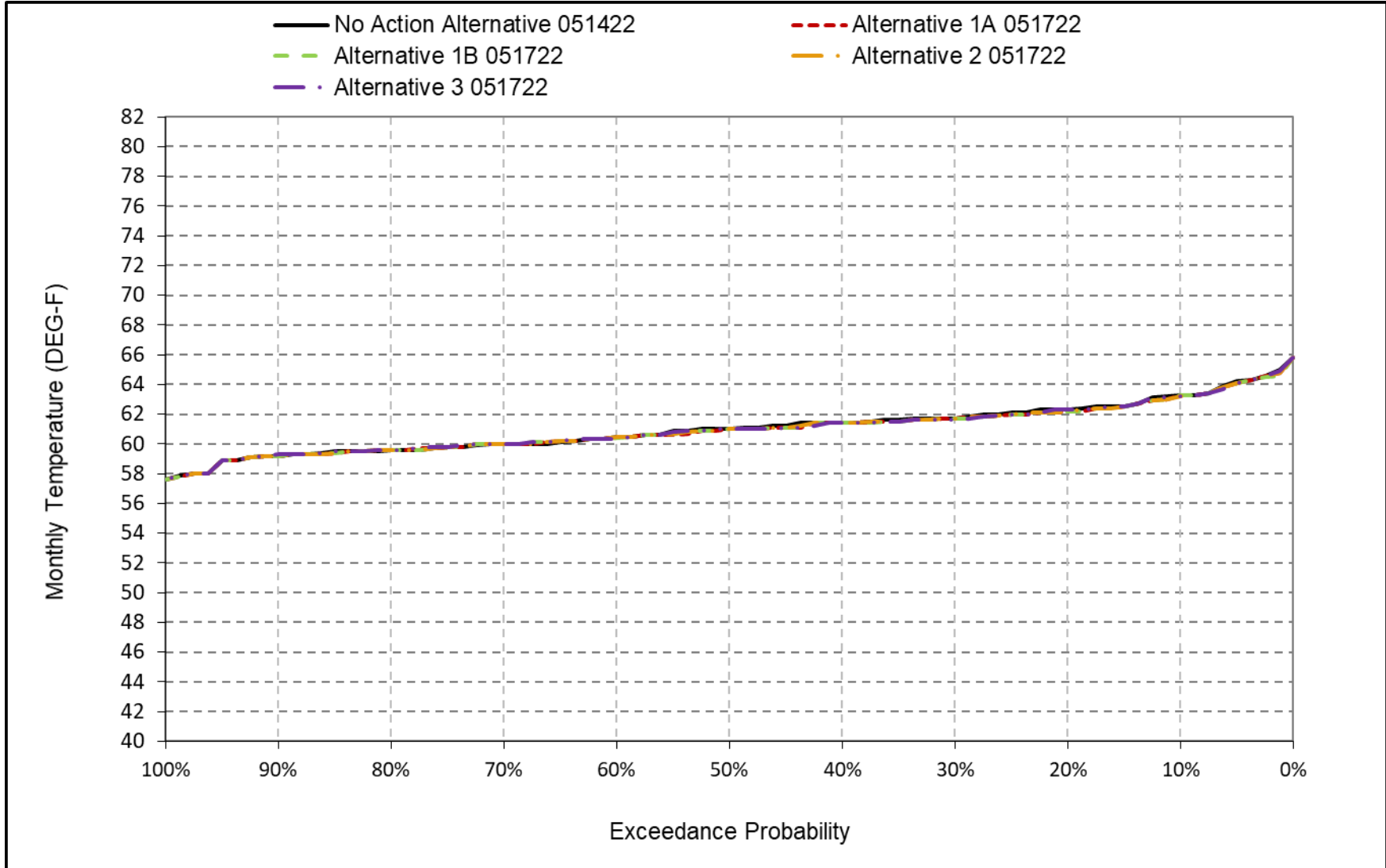
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-19-6. Feather River at Mouth, Critical Year Average Temperature



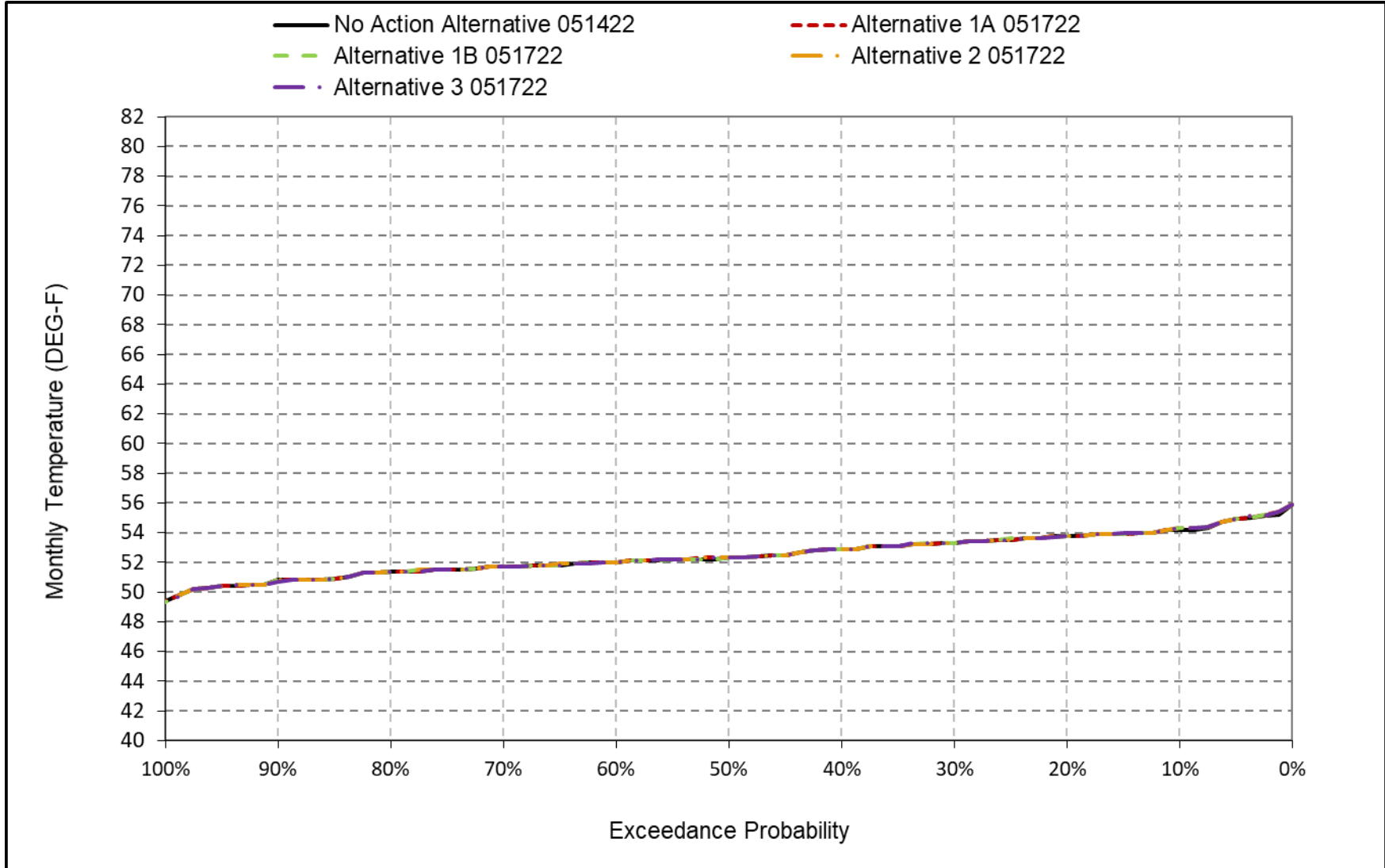
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-19-7. Feather River at Mouth, October



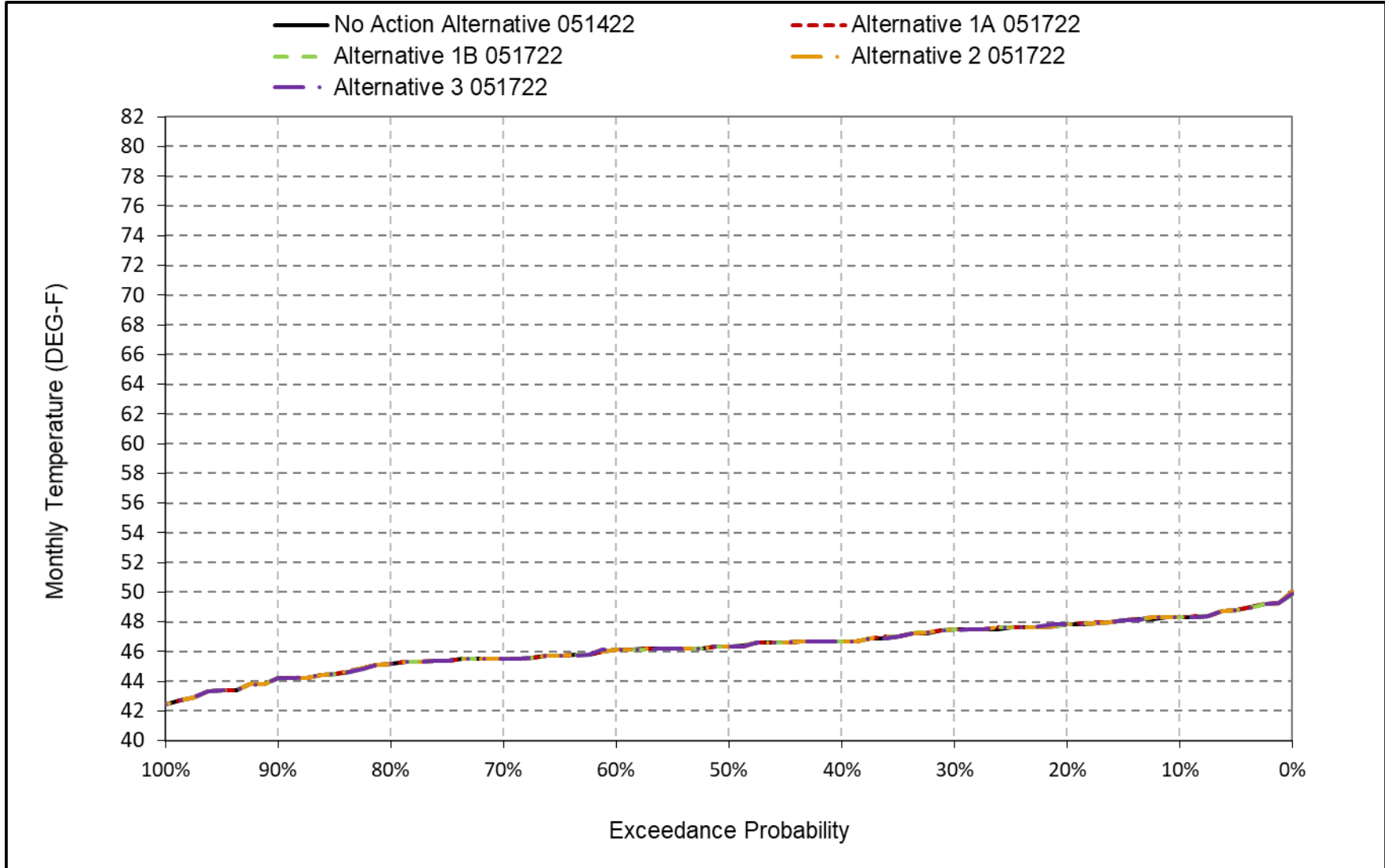
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-19-8. Feather River at Mouth, November



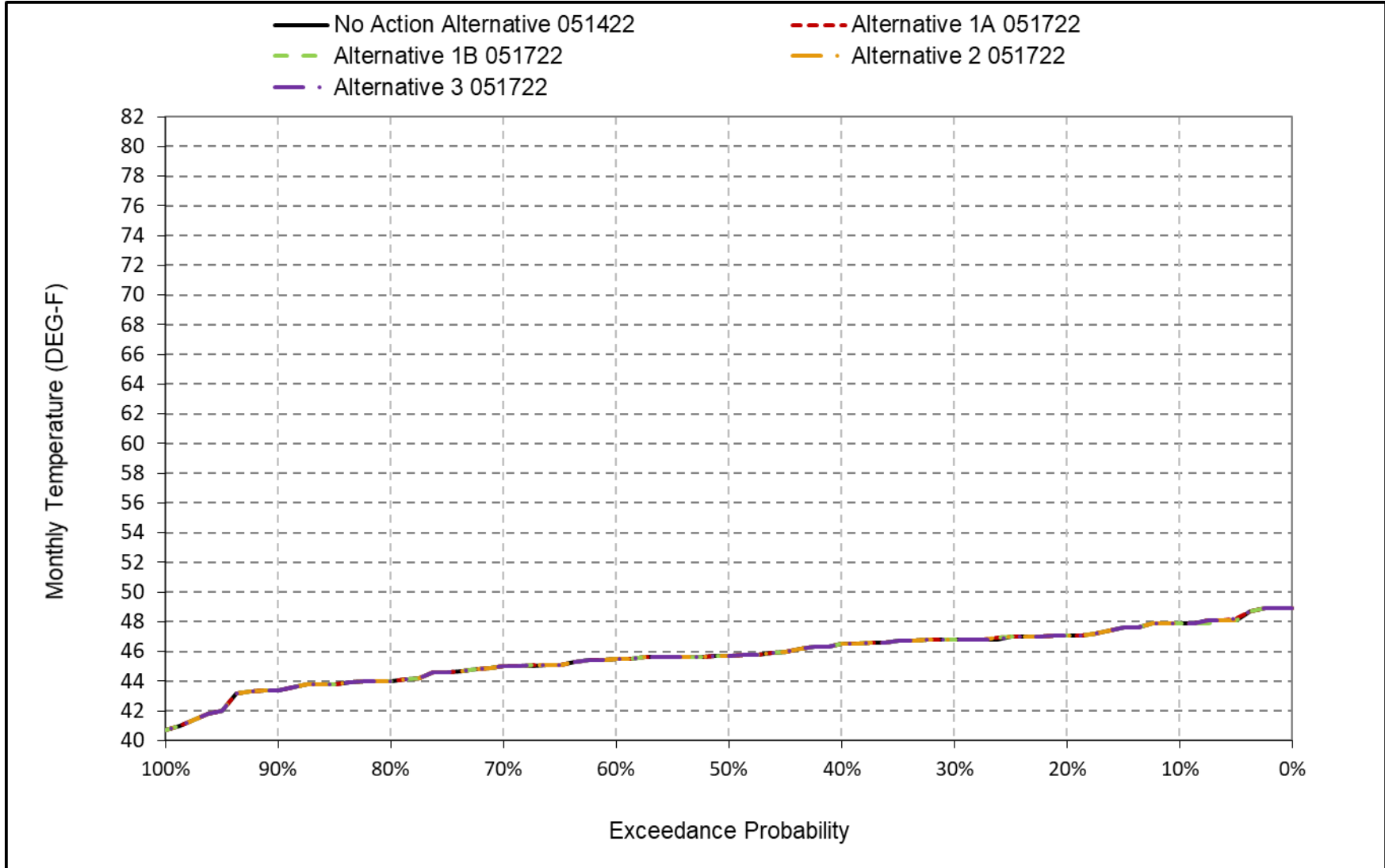
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-19-9. Feather River at Mouth, December



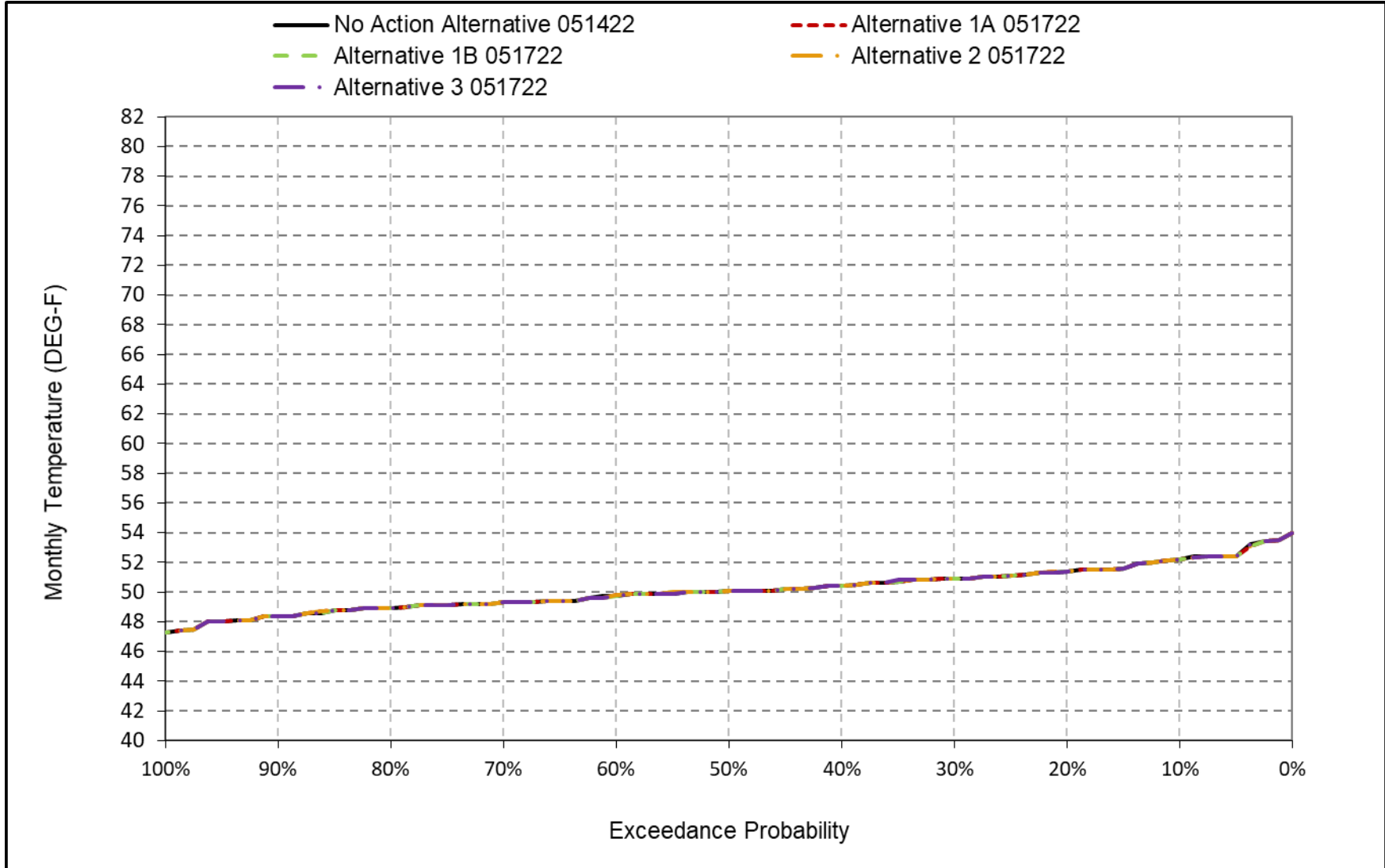
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-19-10. Feather River at Mouth, January



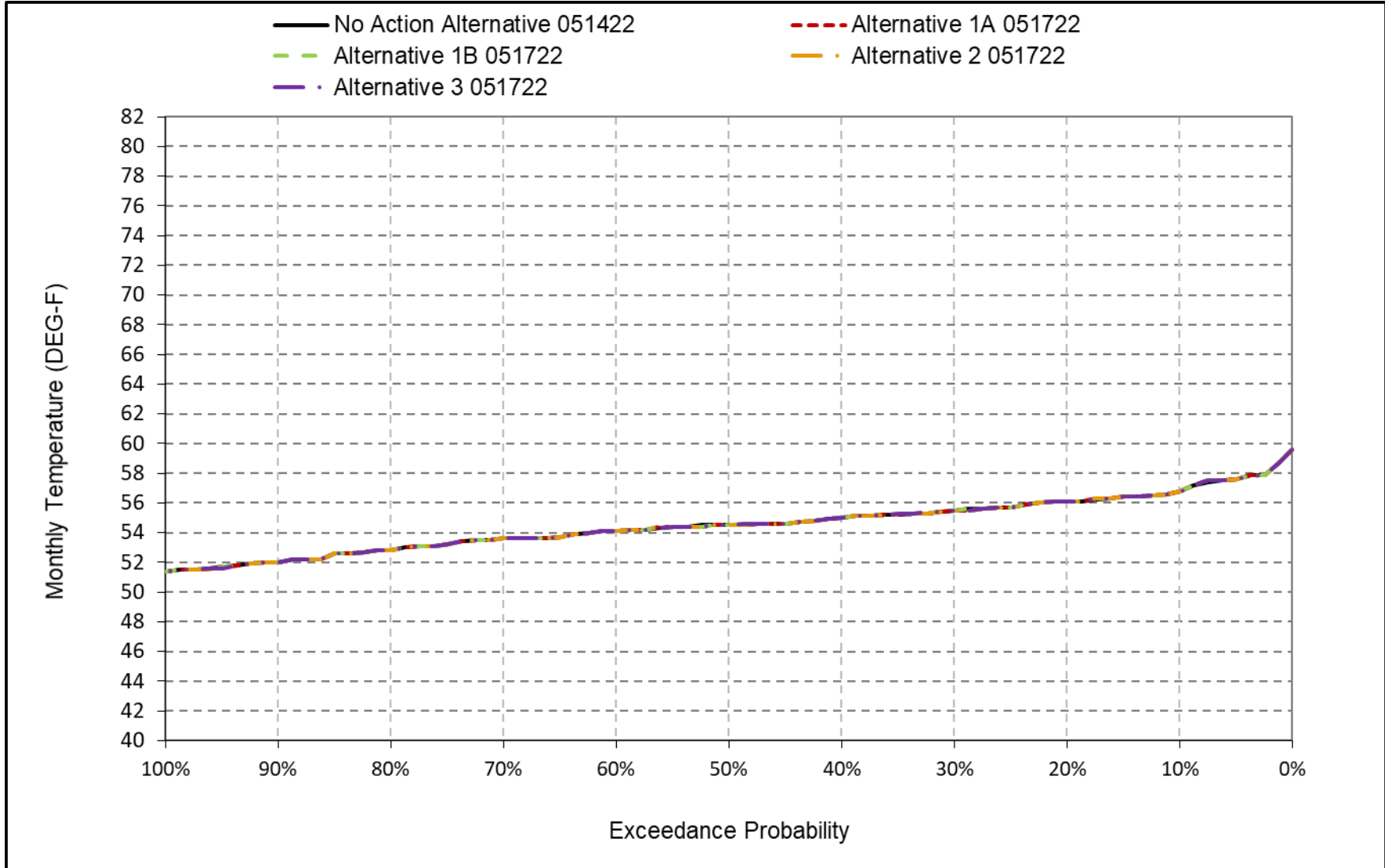
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-19-11. Feather River at Mouth, February



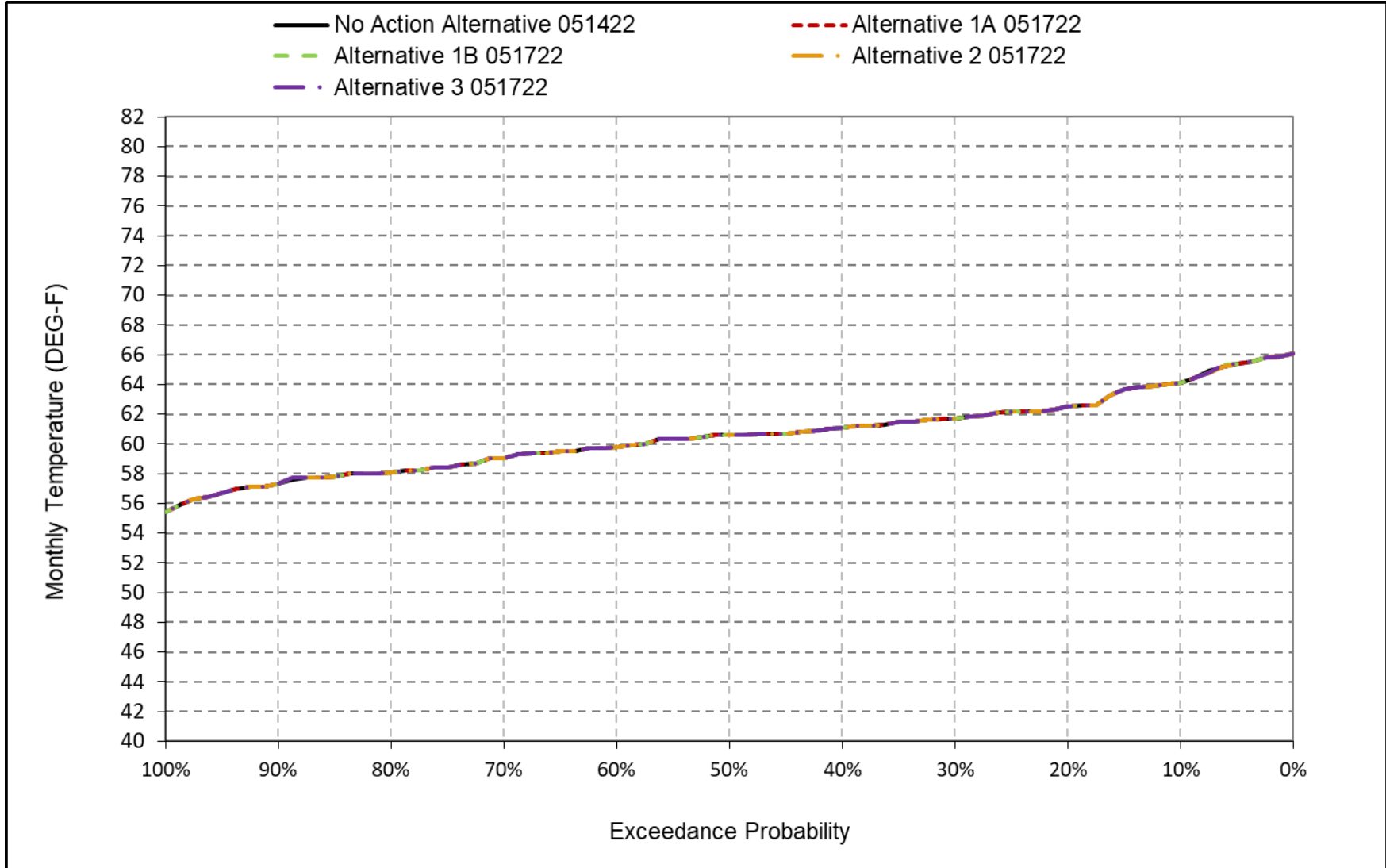
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-19-12. Feather River at Mouth, March



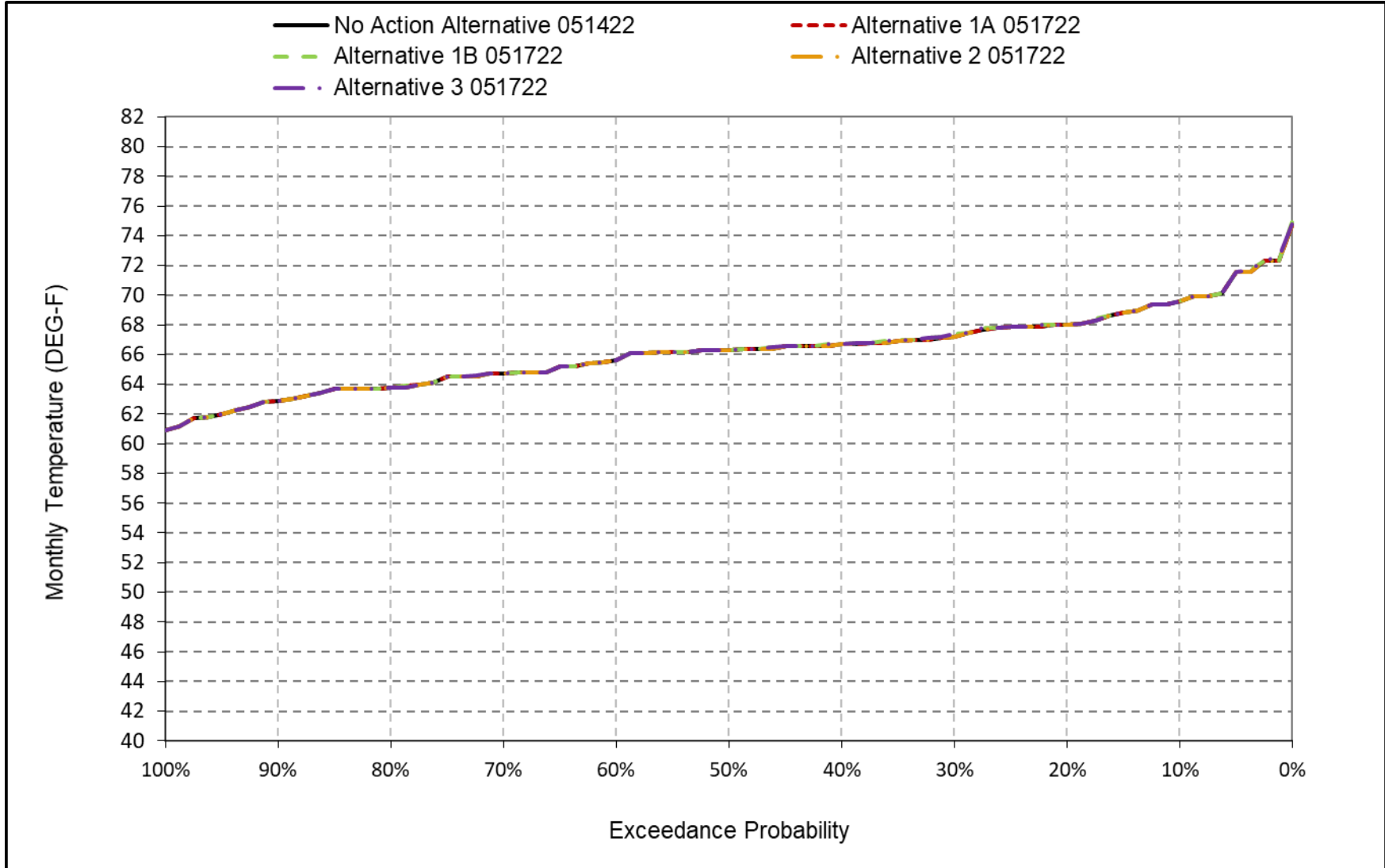
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-19-13. Feather River at Mouth, April



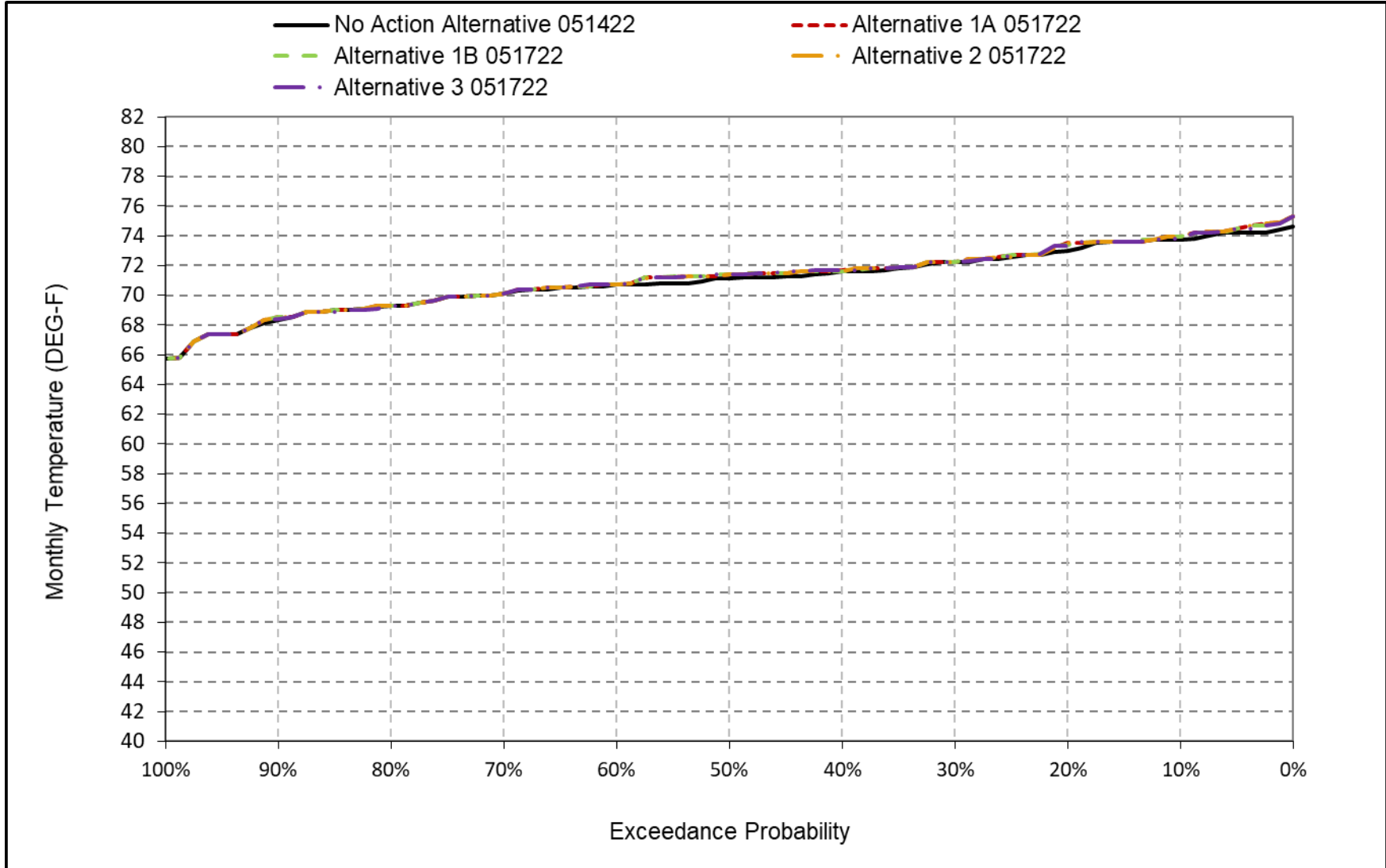
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-19-14. Feather River at Mouth, May



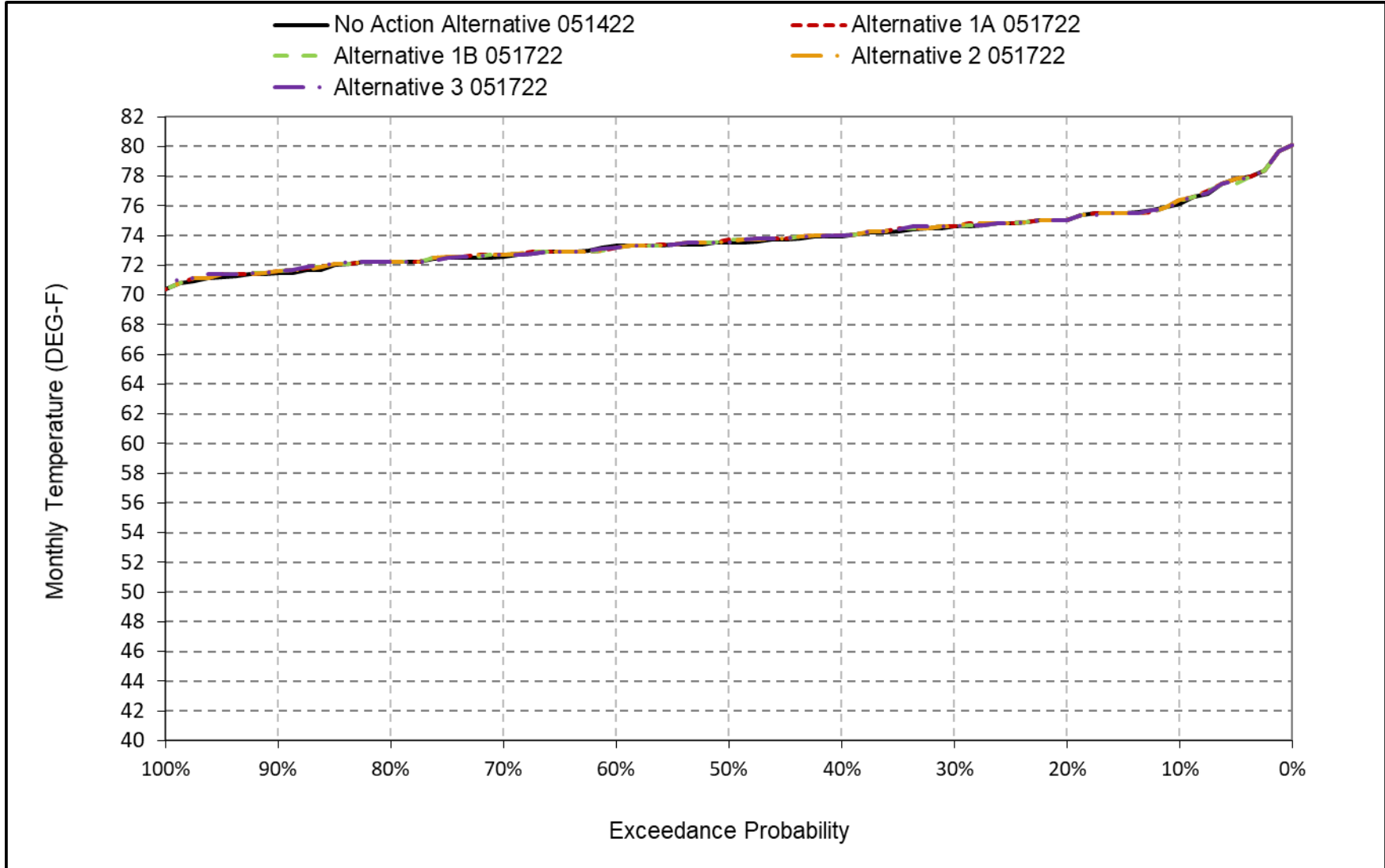
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-19-15. Feather River at Mouth, June



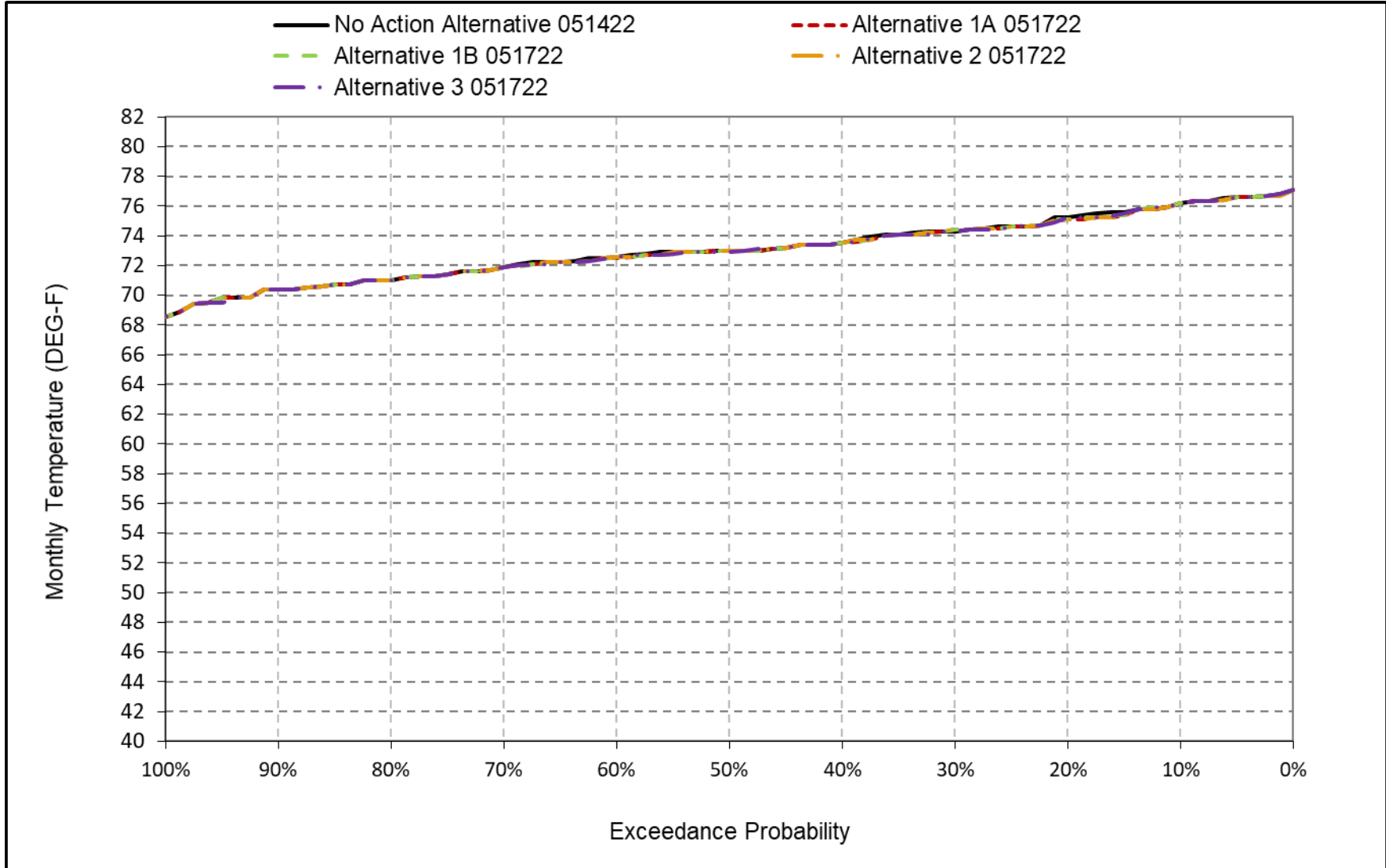
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-19-16. Feather River at Mouth, July



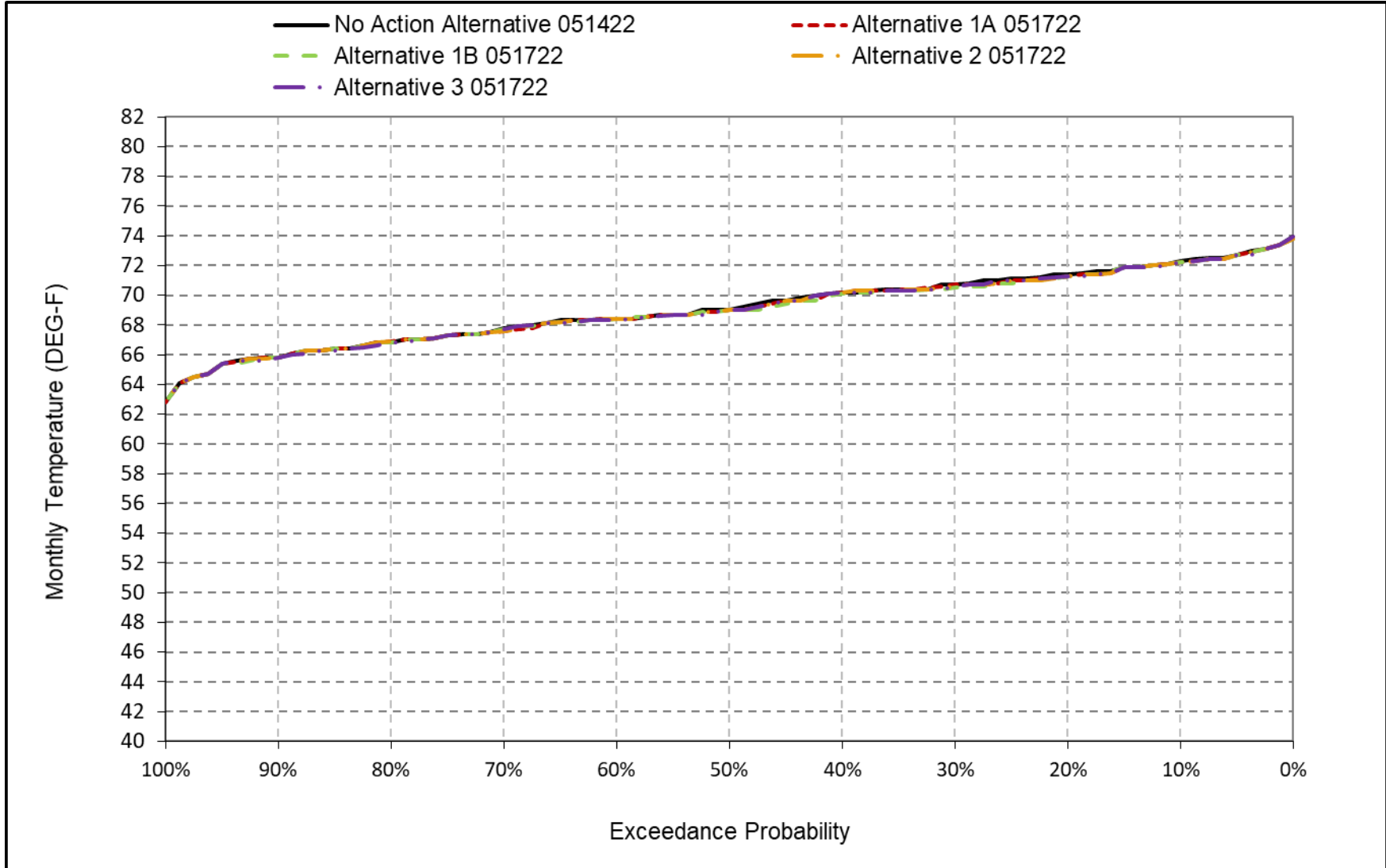
*All scenarios are simulated at current climate and 0 cm sea level rise.

Figure 6C-19-17. Feather River at Mouth, August



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

Figure 6C-19-18. Feather River at Mouth, September



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